

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076156.D
 Acq On : 19 May 2023 14:42
 Operator : KP/SY
 Sample : VD0519SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 22 01:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	191878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90813	48.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.940%		
35) Dibromofluoromethane	7.804	113	107258	46.429	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.860%		
50) Toluene-d8	10.269	98	431282	47.891	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.575	95	122773	49.078	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39731	22.959	ug/l	93
3) Chloromethane	2.146	50	72960	23.301	ug/l	95
4) Vinyl Chloride	2.281	62	90699	24.302	ug/l	100
5) Bromomethane	2.675	94	59462	23.665	ug/l	98
6) Chloroethane	2.828	64	59883	23.849	ug/l	99
7) Trichlorofluoromethane	3.169	101	67532	21.348	ug/l	98
8) Diethyl Ether	3.587	74	21057	20.241	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	43957	21.096	ug/l	97
10) Methyl Iodide	4.163	142	51239	23.650	ug/l	91
11) Tert butyl alcohol	5.052	59	11129	113.449	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	43739	21.091	ug/l	85
13) Acrolein	3.793	56	21975	91.530	ug/l	96
14) Allyl chloride	4.558	41	44461	21.125	ug/l #	81
15) Acrylonitrile	5.252	53	44323	102.901	ug/l	99
16) Acetone	4.022	43	39244	106.362	ug/l #	82
17) Carbon Disulfide	4.263	76	130699	21.705	ug/l	99
18) Methyl Acetate	4.558	43	28455	21.620	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	81276	20.024	ug/l	97
20) Methylene Chloride	4.805	84	69482	17.653	ug/l #	75
21) trans-1,2-Dichloroethene	5.310	96	50614	21.177	ug/l #	80
22) Diisopropyl ether	6.216	45	107374	21.979	ug/l #	92
23) Vinyl Acetate	6.152	43	196714	102.410	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	86132	22.356	ug/l	98
25) 2-Butanone	7.081	43	51248	110.466	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	70369	22.399	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	57028	21.502	ug/l	84
28) Bromochloromethane	7.422	49	27265	21.223	ug/l #	63
29) Tetrahydrofuran	7.446	42	28233	104.410	ug/l #	67
30) Chloroform	7.593	83	88427	21.462	ug/l	99
31) Cyclohexane	7.875	56	59555	20.969	ug/l #	68
32) 1,1,1-Trichloroethane	7.787	97	69531	21.176	ug/l	96
36) 1,1-Dichloropropene	8.004	75	63721	20.424	ug/l	94
37) Ethyl Acetate	7.163	43	23015	21.303	ug/l #	88
38) Carbon Tetrachloride	7.987	117	55653	19.748	ug/l	95
39) Methylcyclohexane	9.269	83	69034	19.219	ug/l	94
40) Benzene	8.252	78	200571	19.996	ug/l	99

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 Supervised By :Mahesh Dadoda 05/22/2023

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	11277m	19.036	ug/l	
42) 1,2-Dichloroethane	8.322	62	47317	19.944	ug/l	93
43) Isopropyl Acetate	8.357	43	37365	18.514	ug/l #	80
44) Trichloroethene	9.028	130	52384	18.531	ug/l	90
45) 1,2-Dichloropropane	9.304	63	48618	19.650	ug/l	98
46) Dibromomethane	9.393	93	26511	19.116	ug/l	94
47) Bromodichloromethane	9.581	83	63845	19.155	ug/l	99
48) Methyl methacrylate	9.381	41	17656	19.767	ug/l #	67
49) 1,4-Dioxane	9.375	88	5834	393.384	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	102753	95.730	ug/l #	83
52) Toluene	10.334	92	128015	20.434	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	58226	19.383	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	73214	19.971	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	39952	20.089	ug/l	95
56) Ethyl methacrylate	10.598	69	37115	18.567	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	61588	19.739	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	90689	94.554	ug/l	92
59) 2-Hexanone	10.922	43	72569	95.869	ug/l	80
60) Dibromochloromethane	11.069	129	42779	19.130	ug/l	99
61) 1,2-Dibromoethane	11.181	107	35260	19.931	ug/l	98
64) Tetrachloroethene	10.810	164	42295	17.840	ug/l	96
65) Chlorobenzene	11.604	112	134860	19.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46026	19.055	ug/l	93
67) Ethyl Benzene	11.681	91	215092	19.178	ug/l	98
68) m/p-Xylenes	11.792	106	183719	40.080	ug/l	90
69) o-Xylene	12.122	106	80600	19.271	ug/l	92
70) Styrene	12.134	104	144644	19.947	ug/l	93
71) Bromoform	12.298	173	24475	18.014	ug/l #	98
73) Isopropylbenzene	12.422	105	207138	19.898	ug/l	99
74) N-amyl acetate	12.234	43	33719	18.185	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	42683	19.077	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	27995m	20.329	ug/l	
77) Bromobenzene	12.698	156	52220	18.715	ug/l	96
78) n-propylbenzene	12.763	91	260592	20.111	ug/l	98
79) 2-Chlorotoluene	12.851	91	141682	19.756	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	171885	19.917	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13288	20.243	ug/l #	68
82) 4-Chlorotoluene	12.945	91	154042	20.194	ug/l	95
83) tert-Butylbenzene	13.169	119	141456	19.395	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	173989	20.245	ug/l	95
85) sec-Butylbenzene	13.345	105	227561	20.021	ug/l	98
86) p-Isopropyltoluene	13.463	119	183843	19.767	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	107955	19.136	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	109022	19.517	ug/l	99
89) n-Butylbenzene	13.787	91	172130	19.639	ug/l	99
90) Hexachloroethane	14.057	117	37730	19.722	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	94042	18.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5430	18.691	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	49510	17.192	ug/l	96
94) Hexachlorobutadiene	15.204	225	24937	16.984	ug/l	96
95) Naphthalene	15.333	128	92654	17.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	43357	16.555	ug/l	96

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Supervised By :Mahesh Dadoda 05/22/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

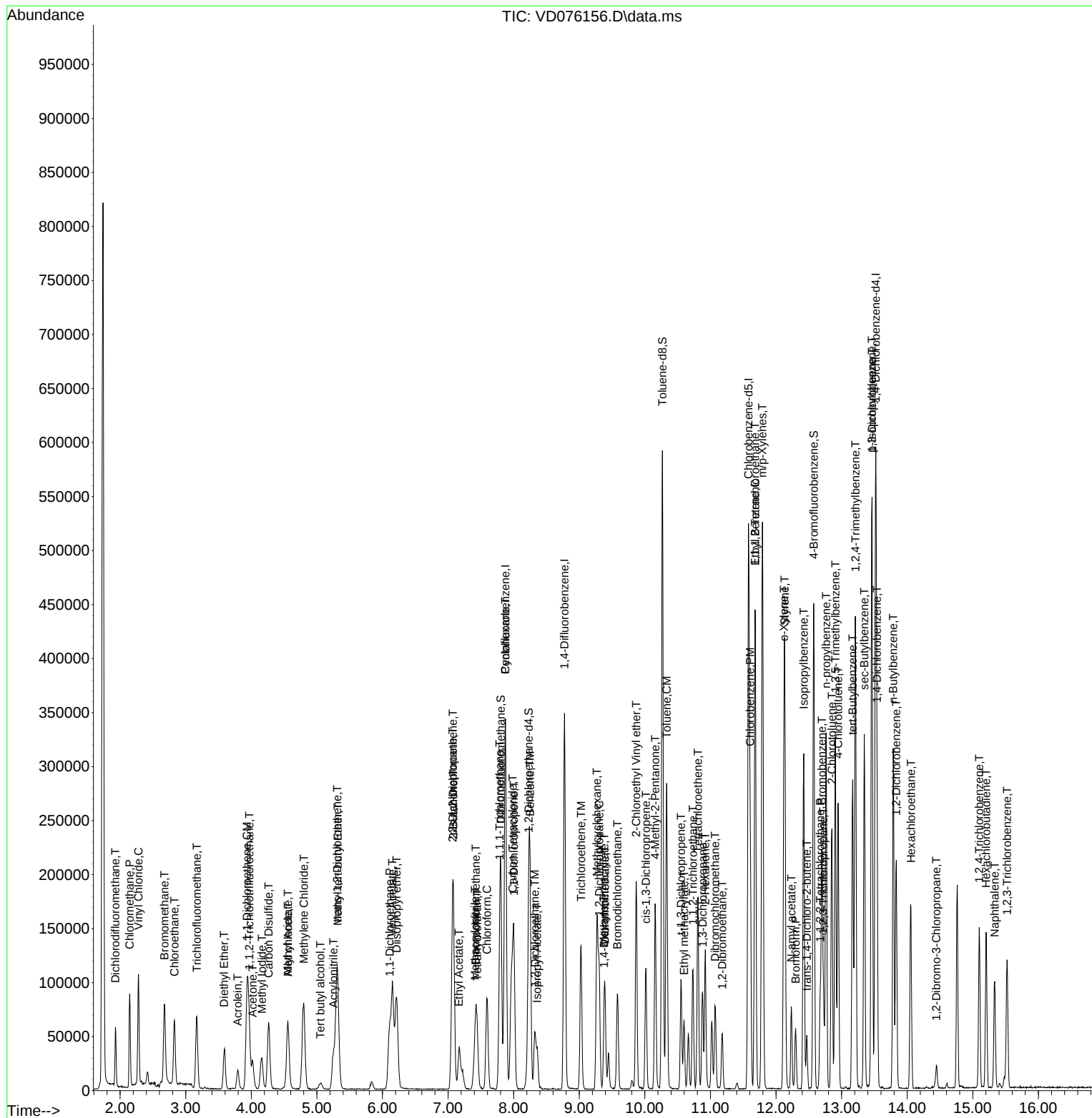
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
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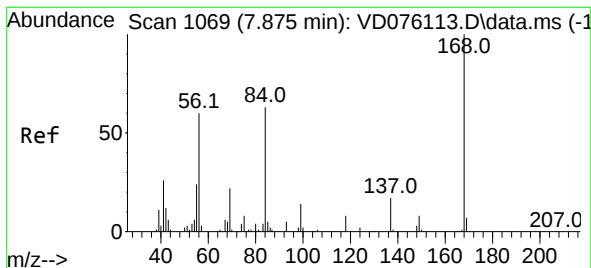
Instrument :
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Manual Integrations APPROVED

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD02

Tgt Ion:168 Resp: 191878

Ion Ratio Lower Upper

168 100

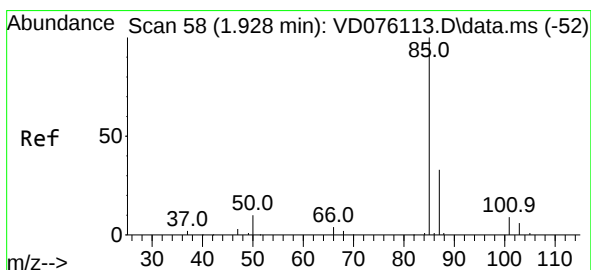
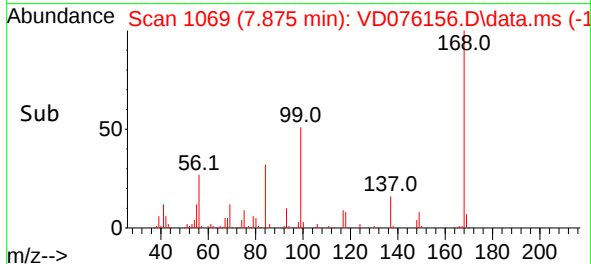
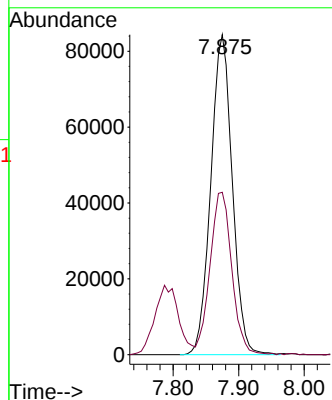
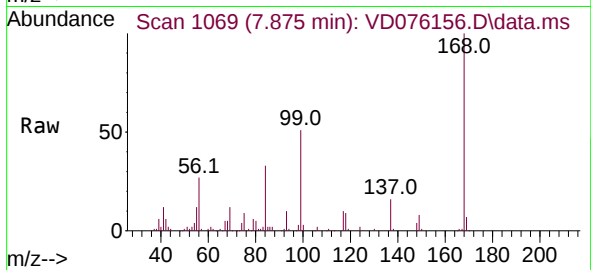
99 50.4 43.8 65.6

Manual Integrations

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Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#2

Dichlorodifluoromethane

Concen: 22.959 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD076156.D

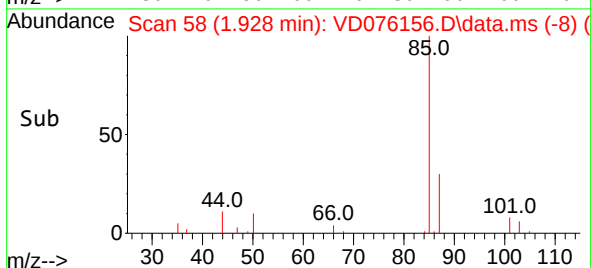
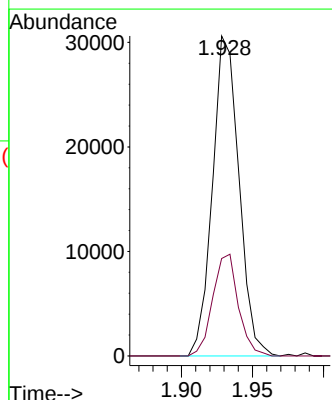
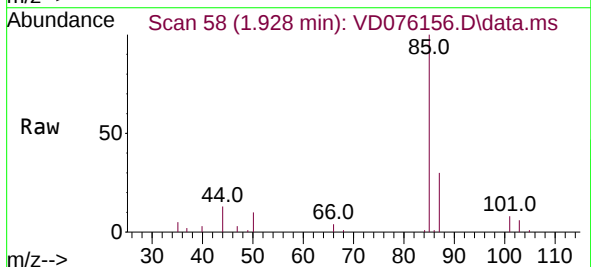
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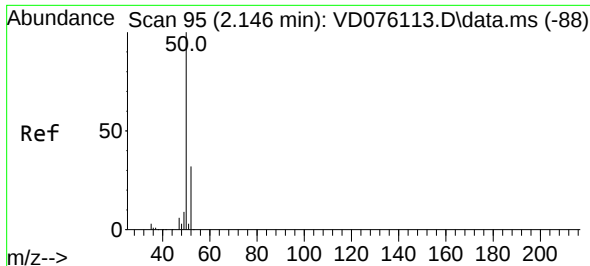
Tgt Ion: 85 Resp: 39731

Ion Ratio Lower Upper

85 100

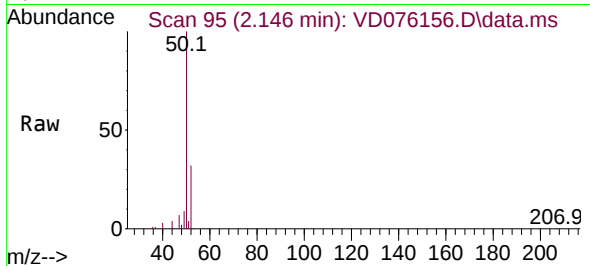
87 30.5 17.3 51.7





#3
Chloromethane
Concen: 23.301 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

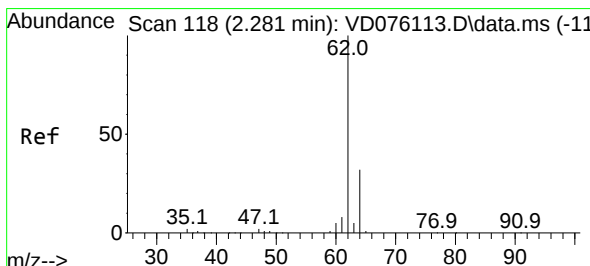
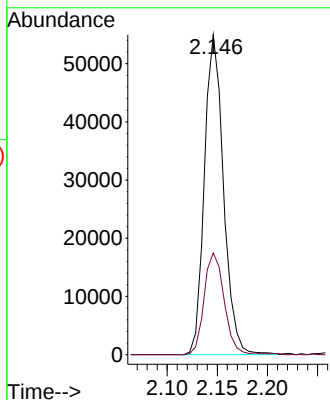
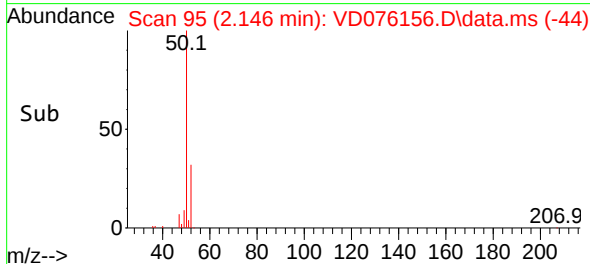
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion: 50 Resp: 72960
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.8

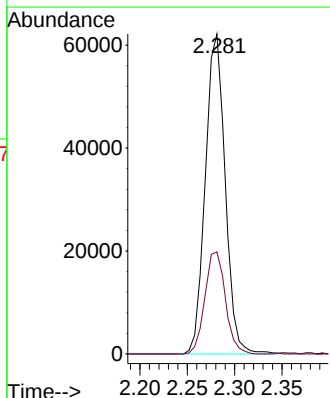
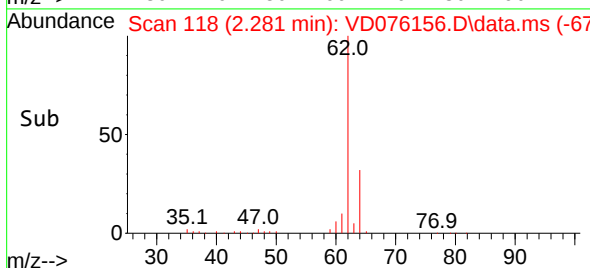
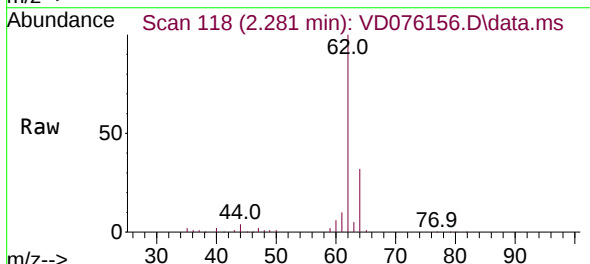
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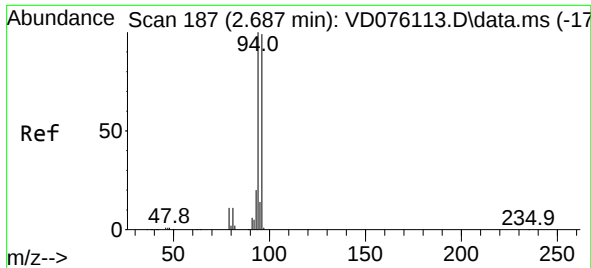
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#4
Vinyl Chloride
Concen: 24.302 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion: 62 Resp: 90699
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





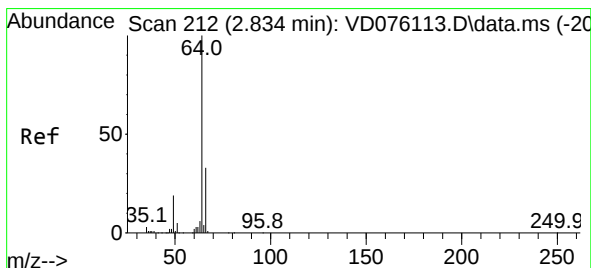
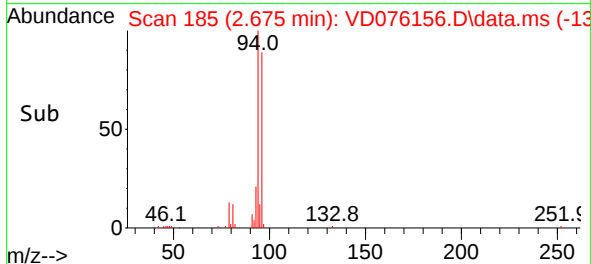
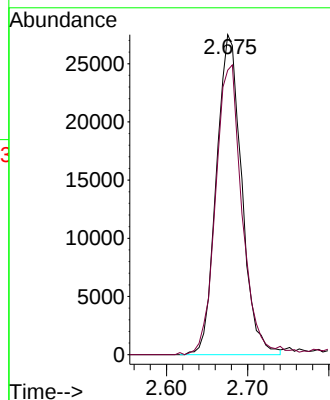
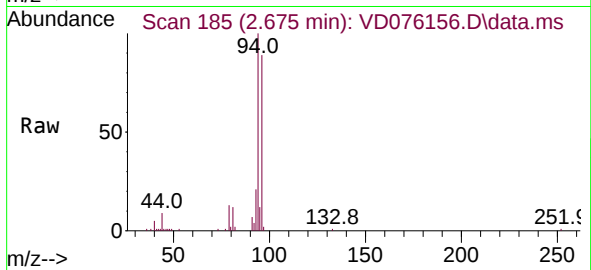
#5
Bromomethane
Concen: 23.665 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.012 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

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Tgt Ion: 94 Resp: 59462
Ion Ratio Lower Upper
94 100
96 95.4 77.5 116.3

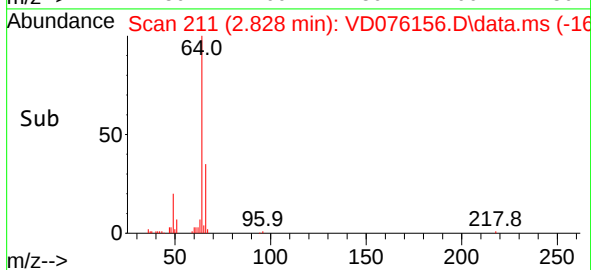
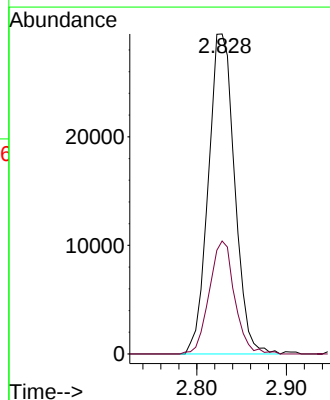
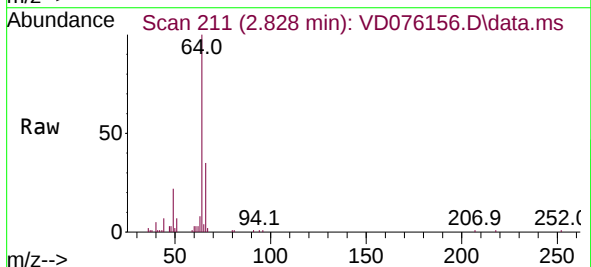
Manual Integrations
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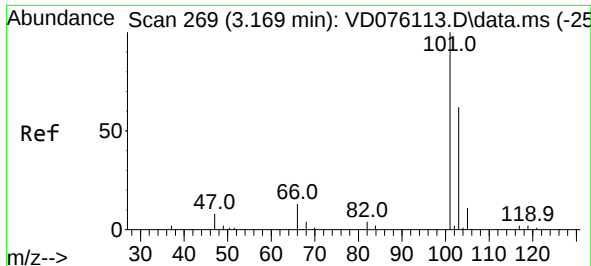
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 23.849 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

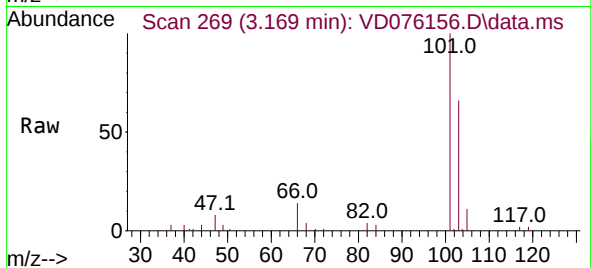
Tgt Ion: 64 Resp: 59883
Ion Ratio Lower Upper
64 100
66 35.3 27.7 41.5





#7
Trichlorofluoromethane
Concen: 21.348 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

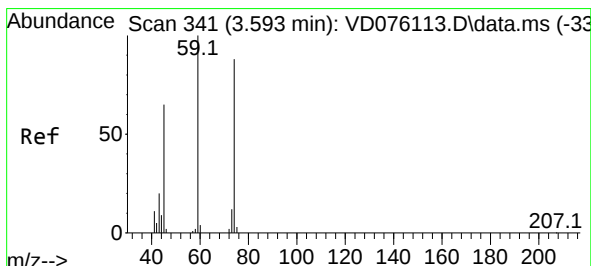
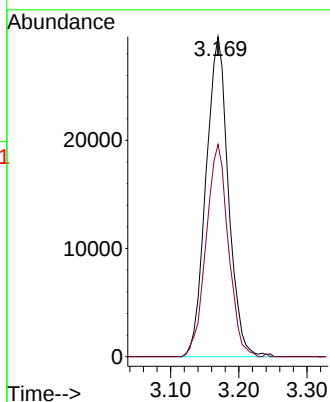
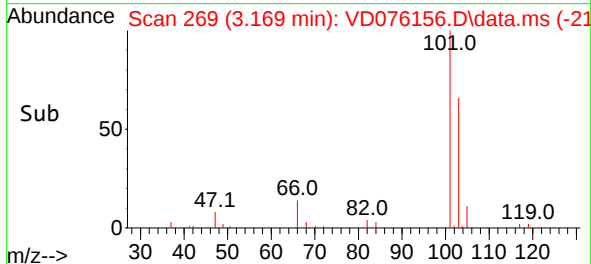
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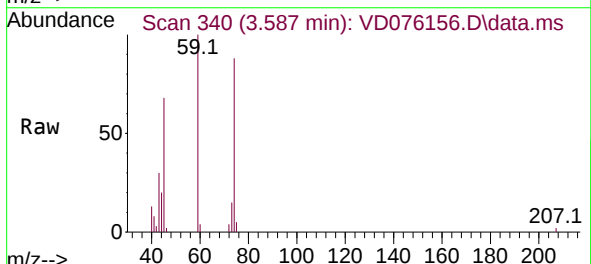
Tgt Ion:101 Resp: 6753
Ion Ratio Lower Upper
101 100
103 66.3 51.9 77.9

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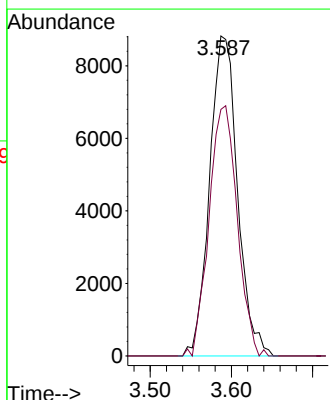
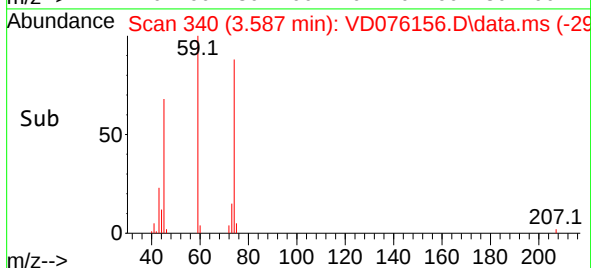
Reviewed By :Krupa Patel 05/22/2023
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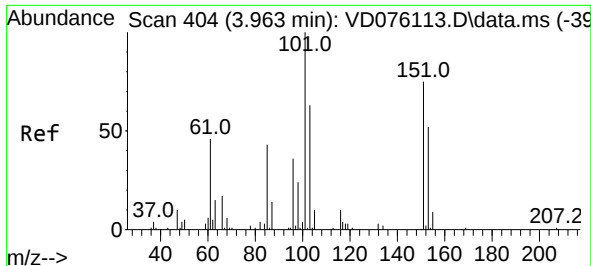


#8
Diethyl Ether
Concen: 20.241 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



Tgt Ion: 74 Resp: 21057
Ion Ratio Lower Upper
74 100
45 78.9 50.9 152.7





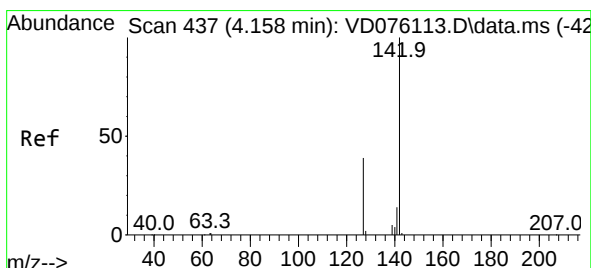
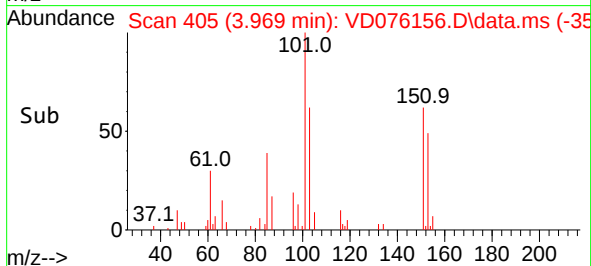
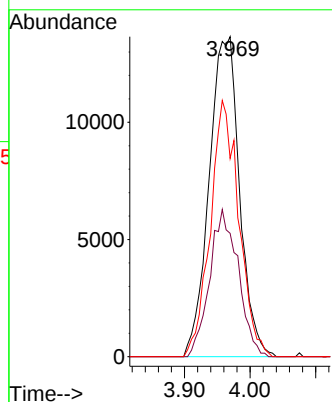
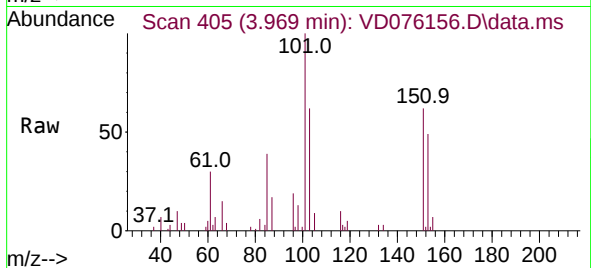
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.096 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion:101 Resp: 4395
Ion Ratio Lower Upper
101 100
85 43.1 38.3 57.5
151 75.0 60.4 90.6

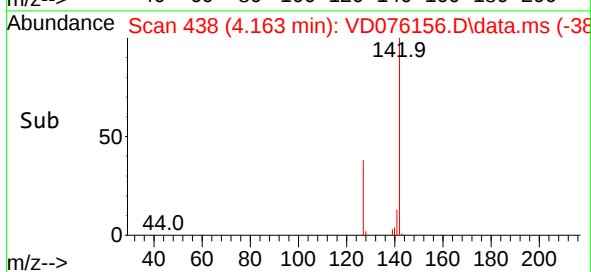
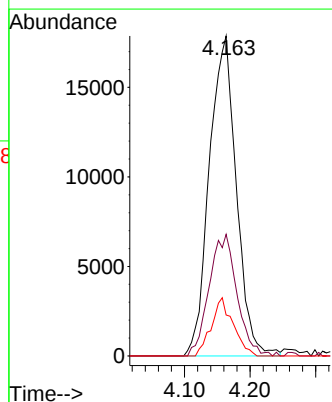
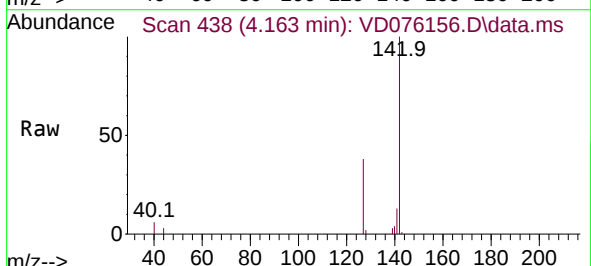
Manual Integrations
APPROVED

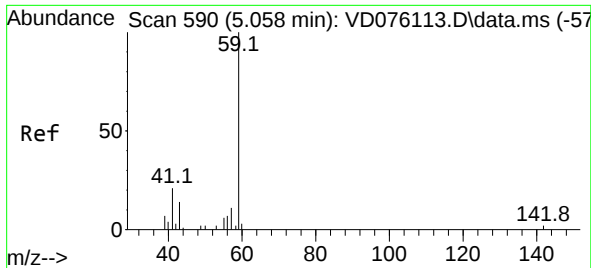
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 23.650 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

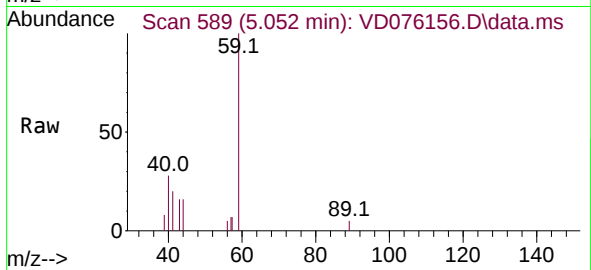
Tgt Ion:142 Resp: 51239
Ion Ratio Lower Upper
142 100
127 39.1 37.1 55.7
141 14.7 11.3 16.9





#11
Tert butyl alcohol
Concen: 113.449 ug/l
RT: 5.052 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

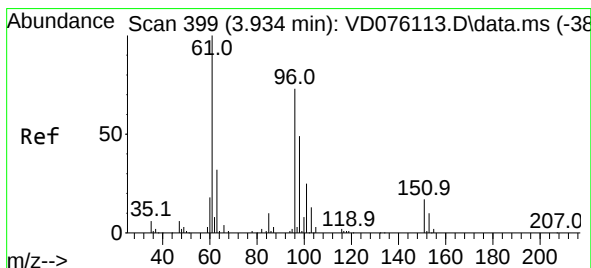
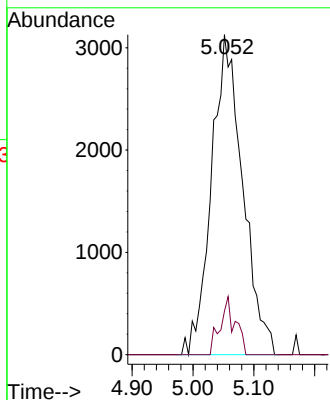
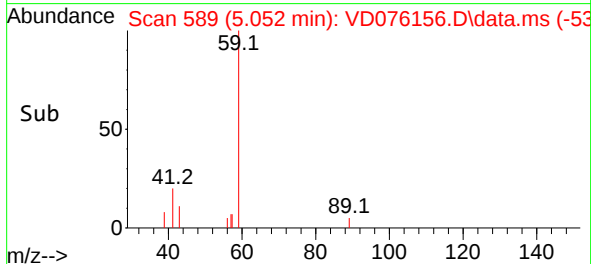
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



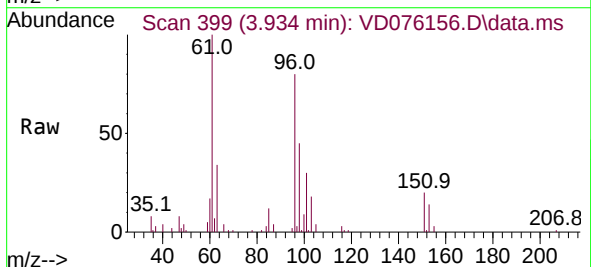
Tgt Ion: 59 Resp: 11129
Ion Ratio Lower Upper
59 100
57 8.8 0.0 0.0

Manual Integrations
APPROVED

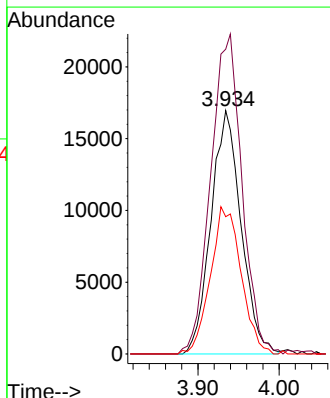
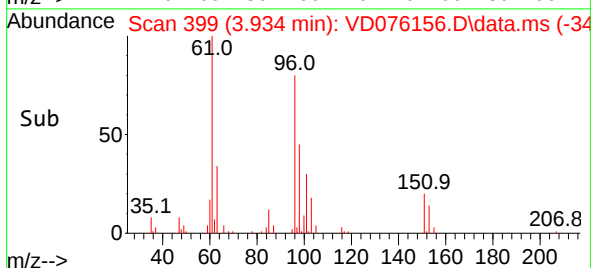
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

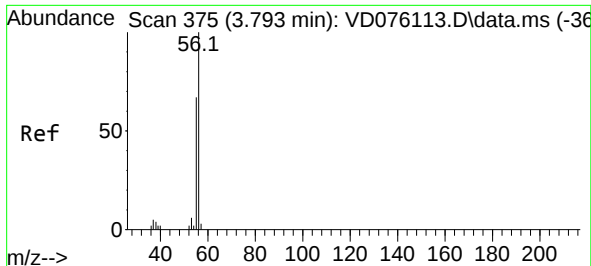


#12
1,1-Dichloroethene
Concen: 21.091 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



Tgt Ion: 96 Resp: 43739
Ion Ratio Lower Upper
96 100
61 125.3 118.6 177.8
98 56.4 49.7 74.5





#13

Acrolein

Concen: 91.530 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD02

Tgt Ion: 56 Resp: 2197

Ion Ratio Lower Upper

56 100

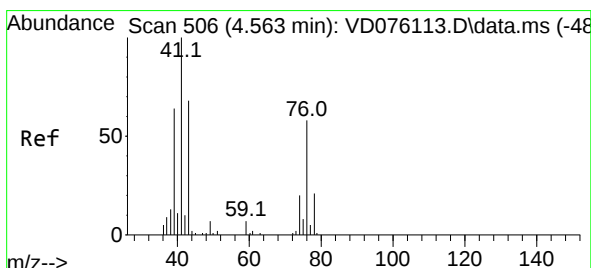
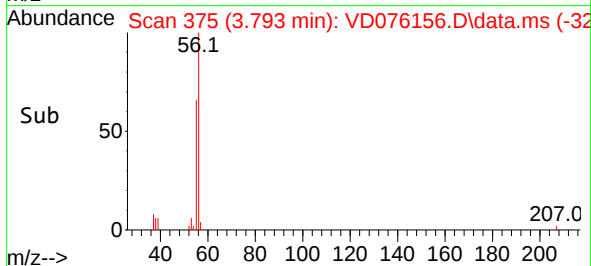
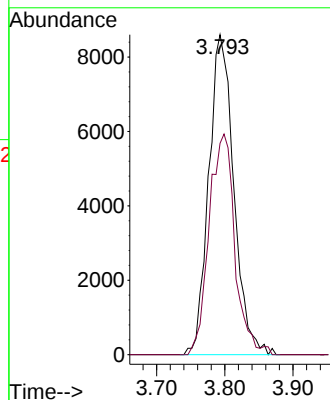
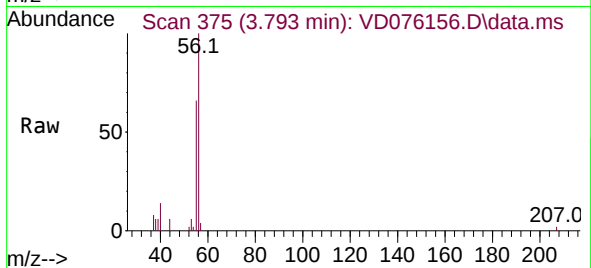
55 70.9 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#14

Allyl chloride

Concen: 21.125 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

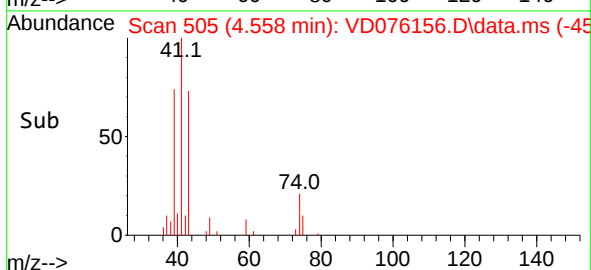
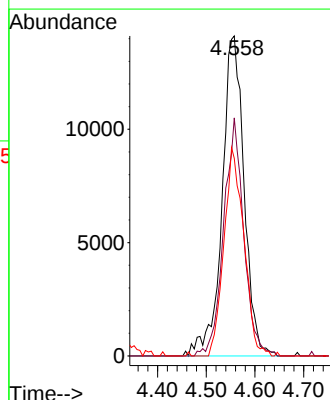
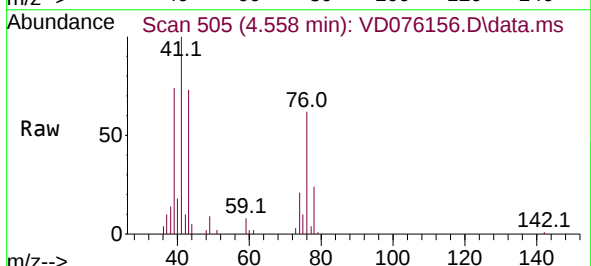
Tgt Ion: 41 Resp: 44461

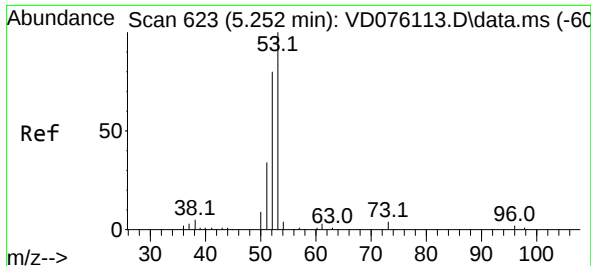
Ion Ratio Lower Upper

41 100

39 67.7 60.6 90.8

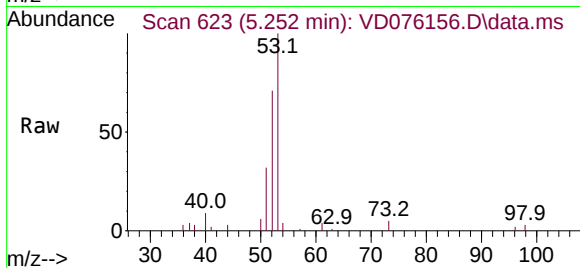
76 58.9 28.6 43.0#





#15
Acrylonitrile
Concen: 102.901 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

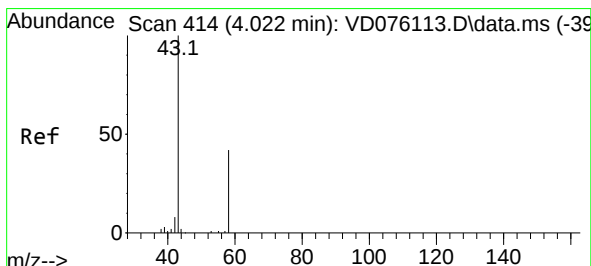
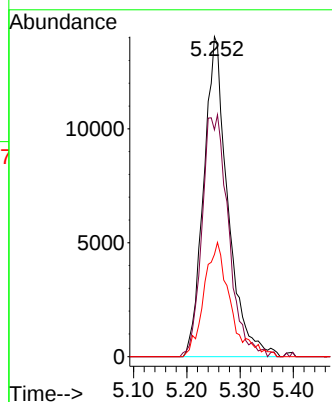
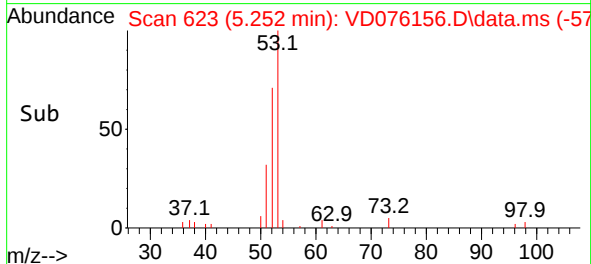
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



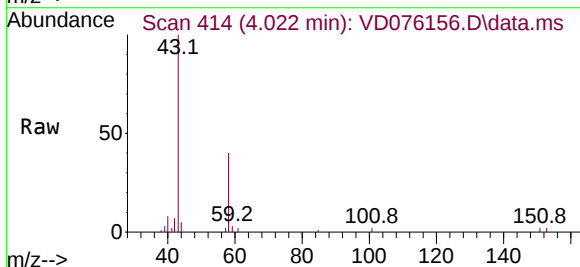
Tgt Ion: 53 Resp: 4432
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.4
51 38.8 30.7 46.1

Manual Integrations
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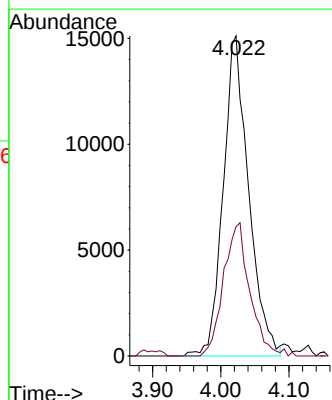
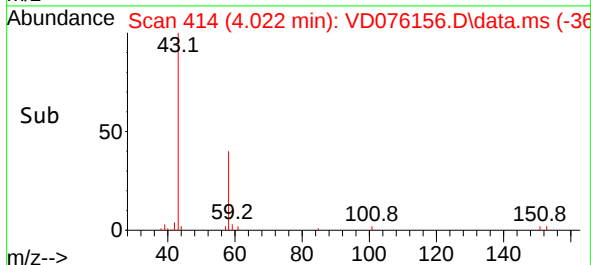
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

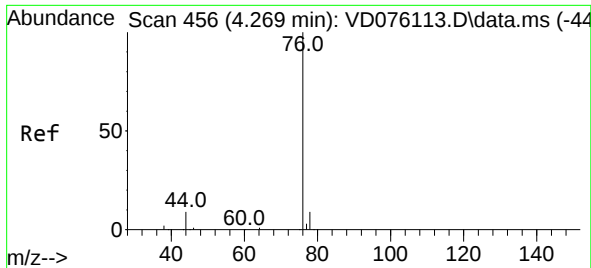


#16
Acetone
Concen: 106.362 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



Tgt Ion: 43 Resp: 39244
Ion Ratio Lower Upper
43 100
58 40.4 24.4 36.6#





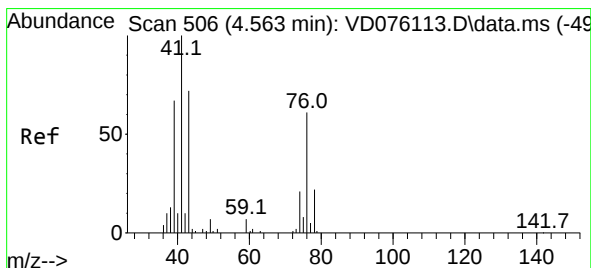
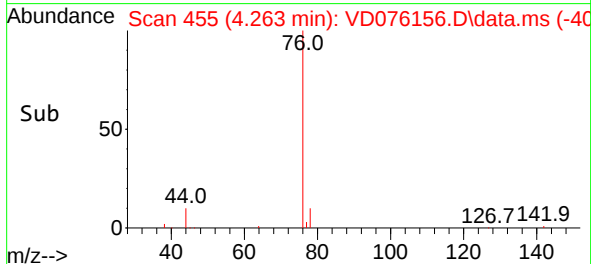
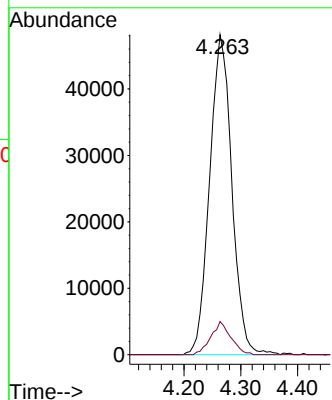
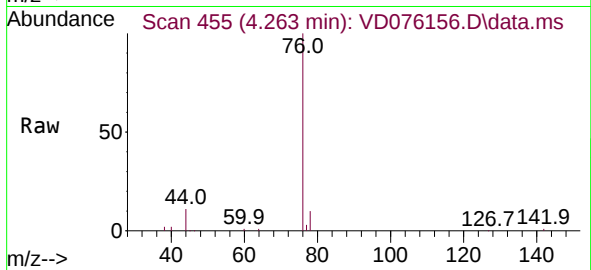
#17
Carbon Disulfide
Concen: 21.705 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion: 76 Resp: 130699
Ion Ratio Lower Upper
76 100
78 10.4 8.0 12.0

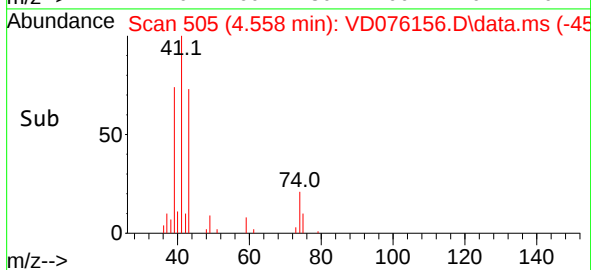
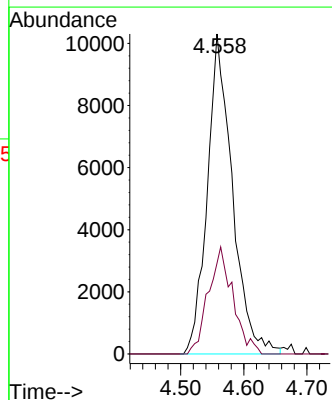
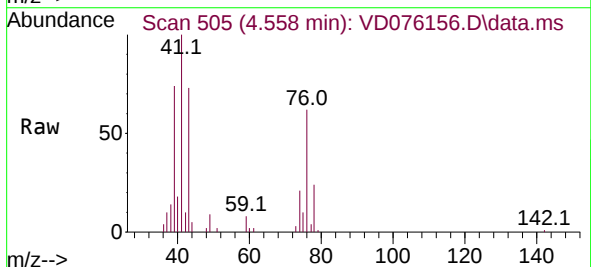
Manual Integrations
APPROVED

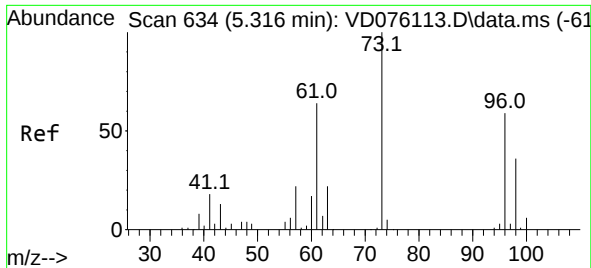
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#18
Methyl Acetate
Concen: 21.620 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion: 43 Resp: 28455
Ion Ratio Lower Upper
43 100
74 32.7 17.8 26.6#





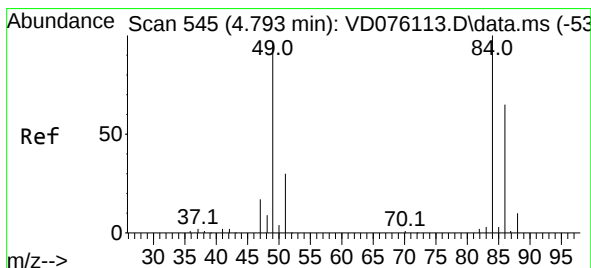
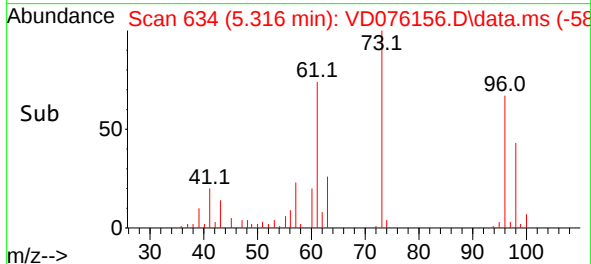
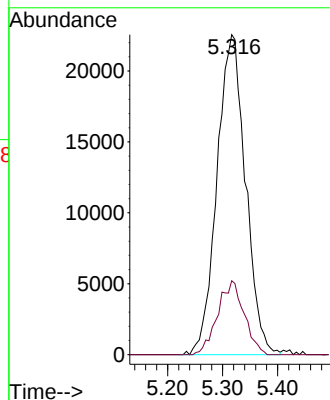
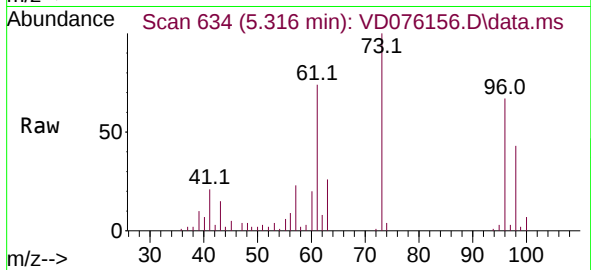
#19
Methyl tert-butyl Ether
Concen: 20.024 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 73 Resp: 81270
Ion Ratio Lower Upper
73 100
57 23.1 17.2 25.8

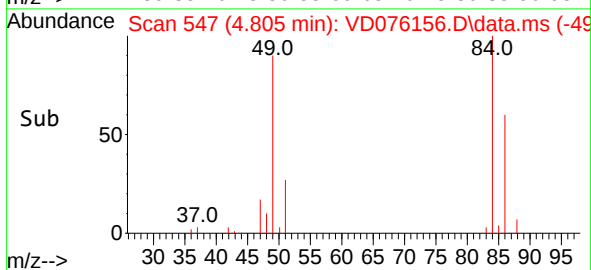
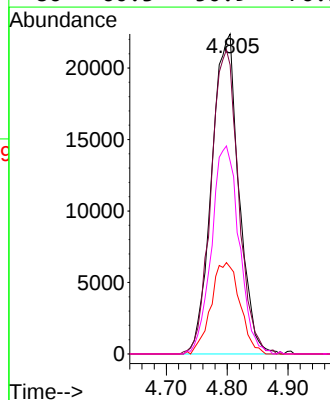
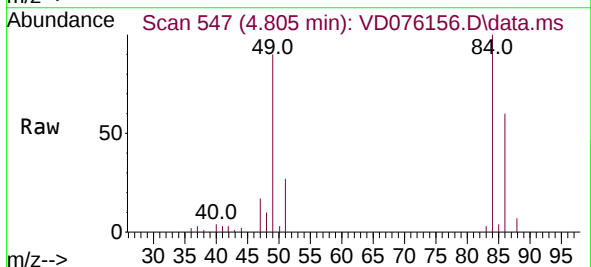
Manual Integrations
APPROVED

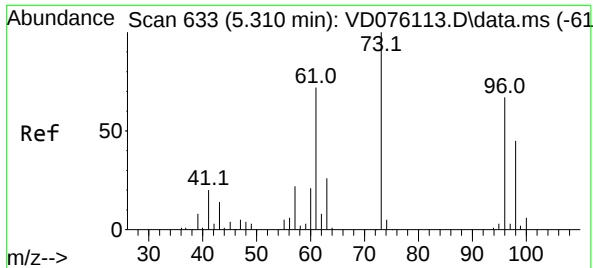
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 17.653 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

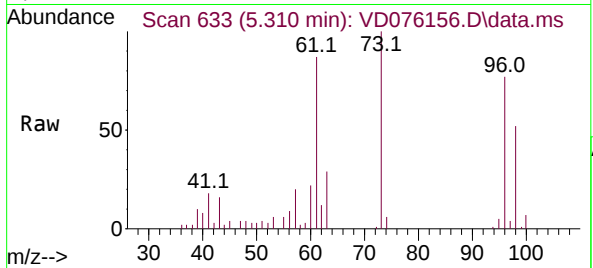
Tgt Ion: 84 Resp: 69482
Ion Ratio Lower Upper
84 100
49 90.3 106.4 159.6#
51 27.1 32.4 48.6#
86 60.3 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 21.177 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

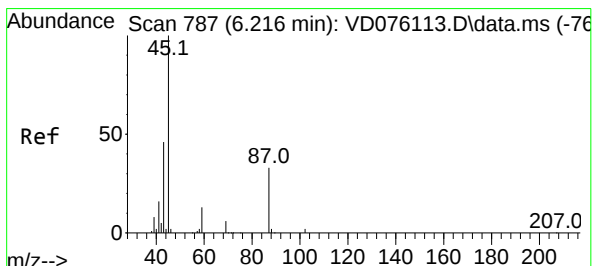
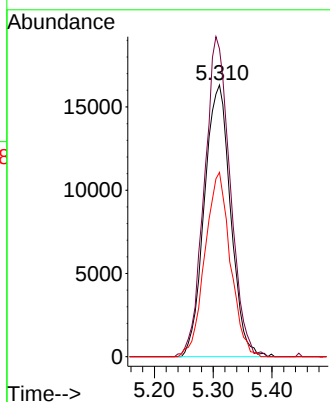
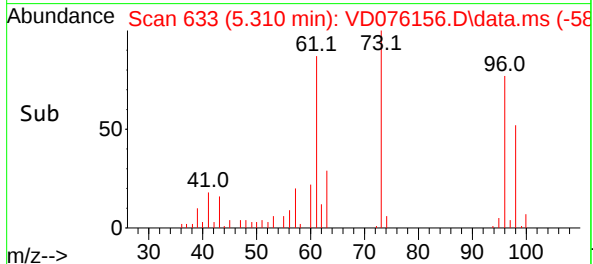
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



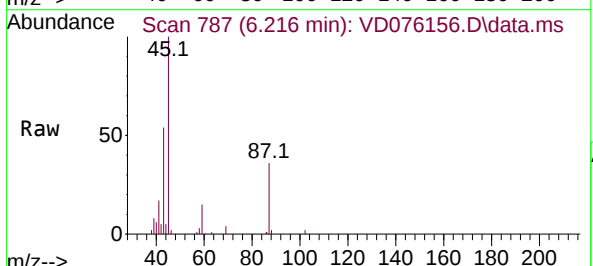
Tgt Ion: 96 Resp: 50614
Ion Ratio Lower Upper
96 100
61 113.3 117.2 175.8
98 67.9 50.6 76.0

Manual Integrations
APPROVED

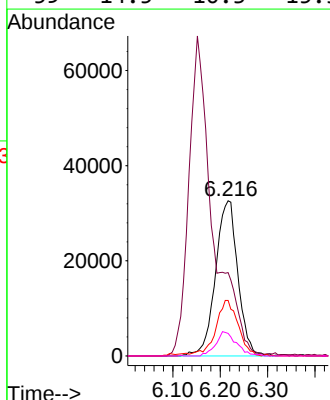
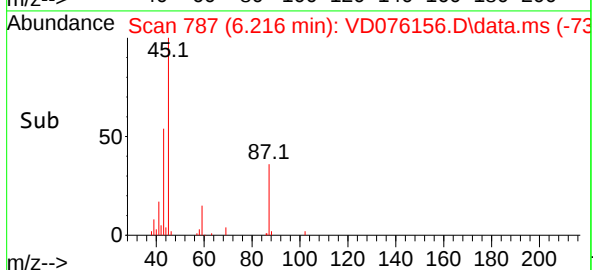
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

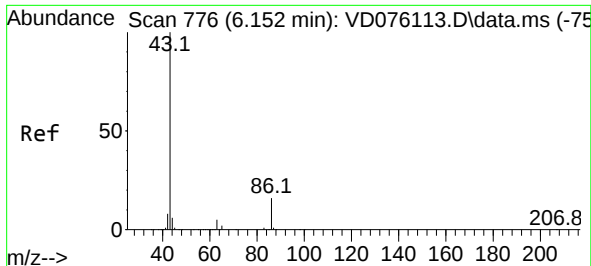


#22
Diisopropyl ether
Concen: 21.979 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



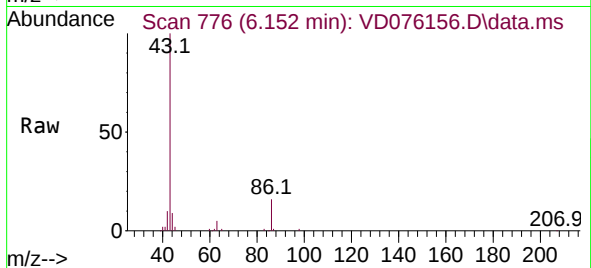
Tgt Ion: 45 Resp: 107374
Ion Ratio Lower Upper
45 100
43 53.1 44.4 66.6
87 35.8 20.9 31.3#
59 14.5 10.3 15.5





#23
 Vinyl Acetate
 Concen: 102.410 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

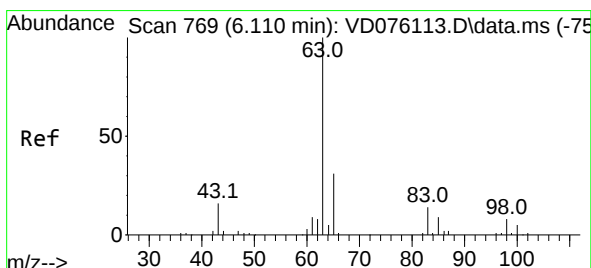
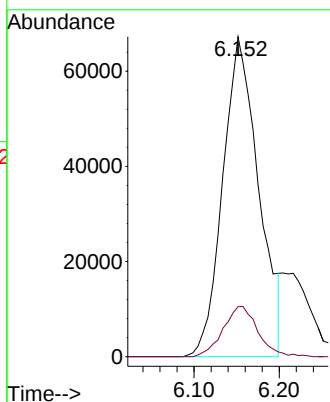
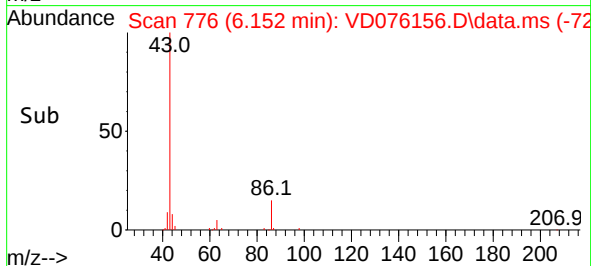
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02



Tgt Ion: 43 Resp: 196714
 Ion Ratio Lower Upper
 43 100
 86 15.6 9.0 13.6

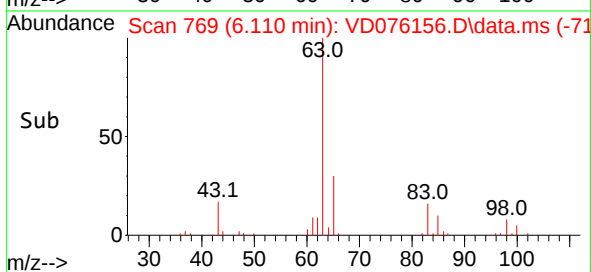
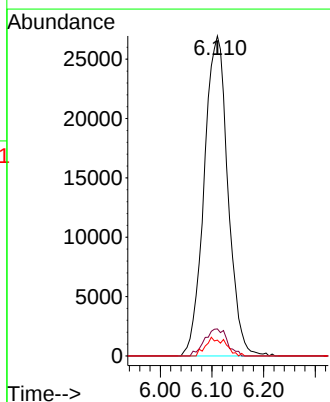
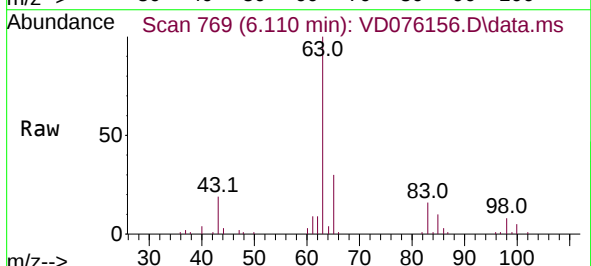
Manual Integrations
 APPROVED

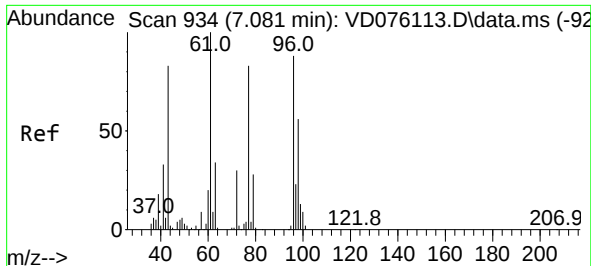
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#24
 1,1-Dichloroethane
 Concen: 22.356 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

Tgt Ion: 63 Resp: 86132
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 5.0 2.0 6.0





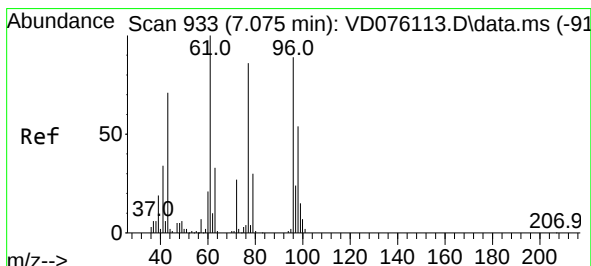
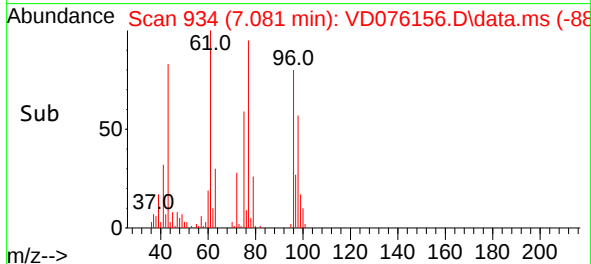
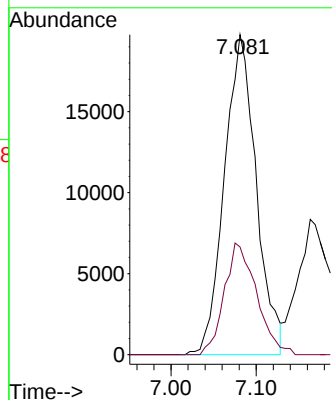
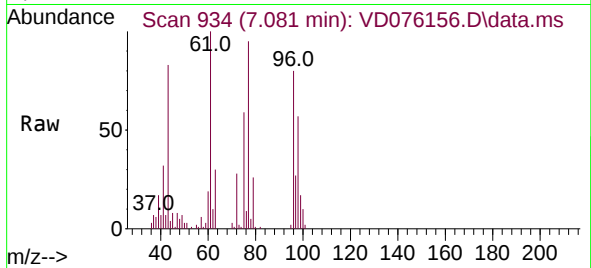
#25
2-Butanone
Concen: 110.466 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion: 43 Resp: 5124
Ion Ratio Lower Upper
43 100
72 33.6 19.8 29.8

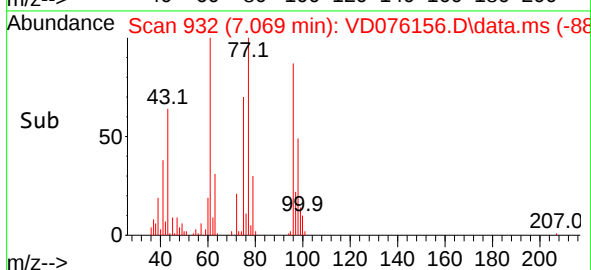
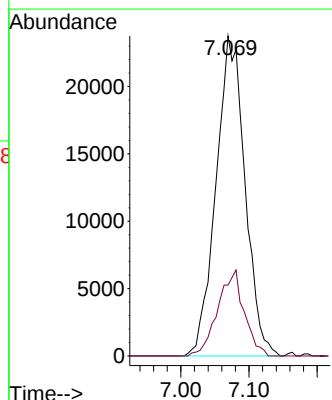
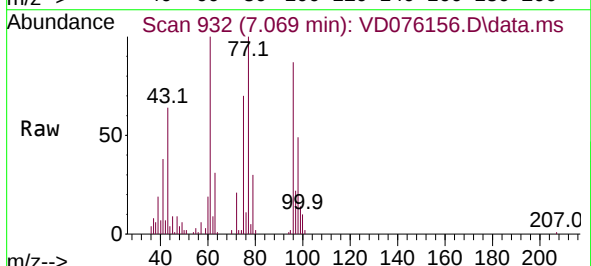
Manual Integrations
APPROVED

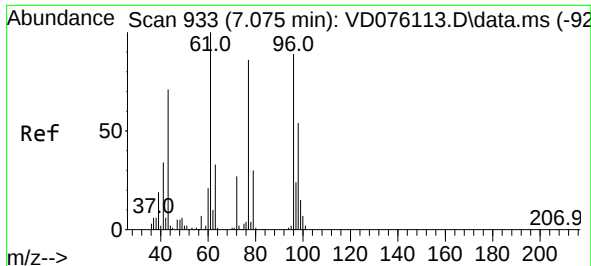
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#26
2,2-Dichloropropane
Concen: 22.399 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion: 77 Resp: 70369
Ion Ratio Lower Upper
77 100
97 24.4 11.1 33.1





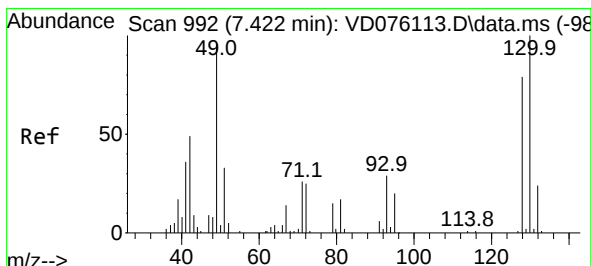
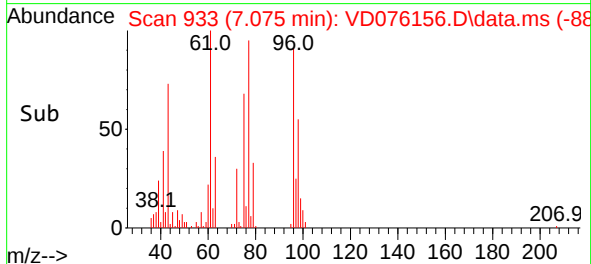
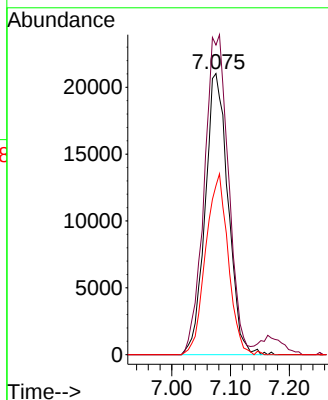
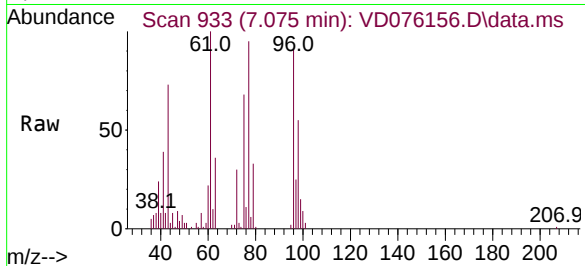
#27
 cis-1,2-Dichloroethene
 Concen: 21.502 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS02

Tgt Ion: 96 Resp: 57028
 Ion Ratio Lower Upper
 96 100
 61 120.3 0.0 295.2
 98 63.0 0.0 129.2

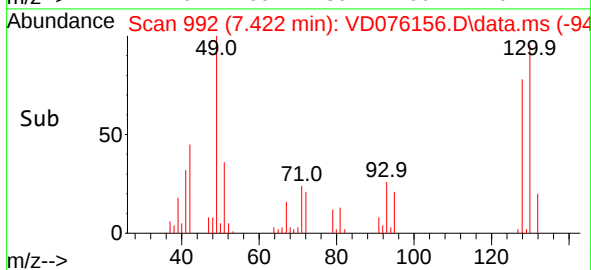
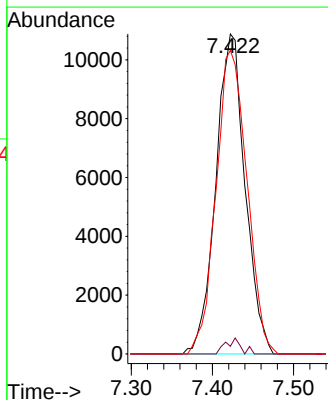
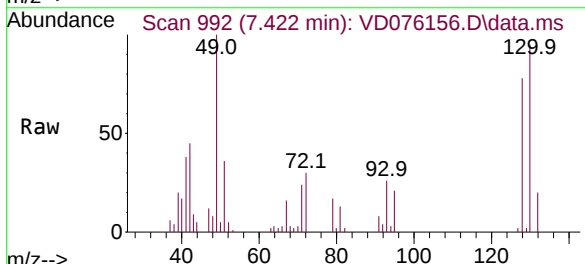
Manual Integrations
 APPROVED

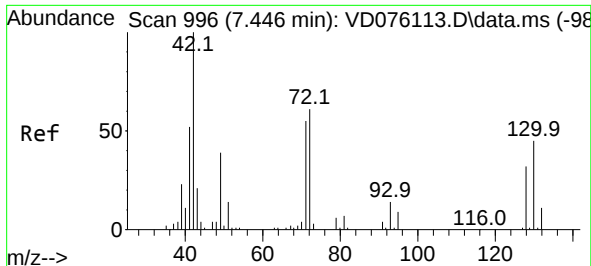
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#28
 Bromochloromethane
 Concen: 21.223 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

Tgt Ion: 49 Resp: 27265
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.2#
 130 100.5 56.0 84.0#





#29

Tetrahydrofuran

Concen: 104.410 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076156.D

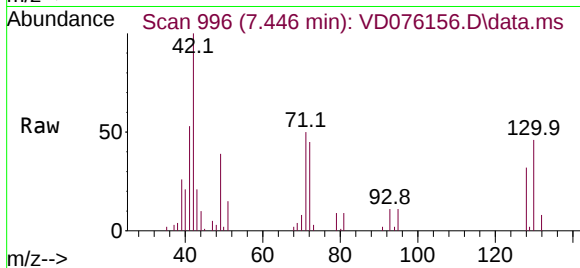
Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD02



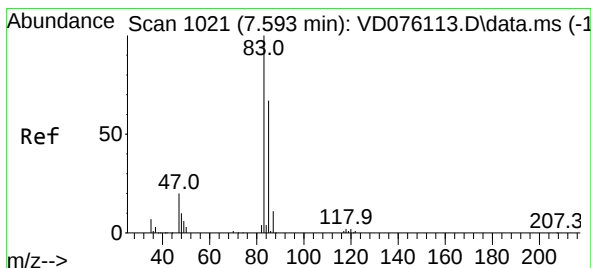
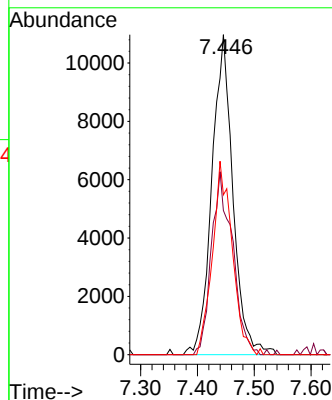
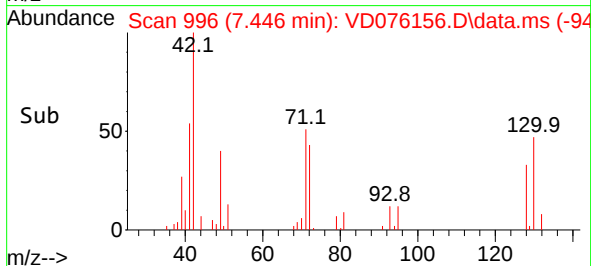
Tgt Ion:	42	Resp:	2823
Ion Ratio	Lower	Upper	
42	100		
72	57.4	31.8	47.6
71	56.7	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 21.462 ug/l

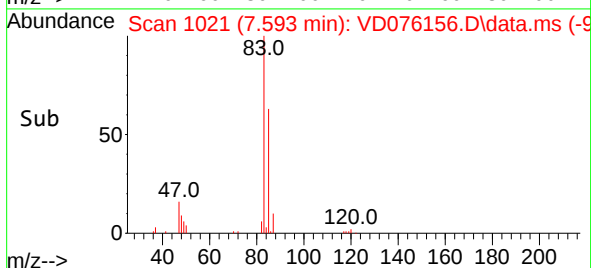
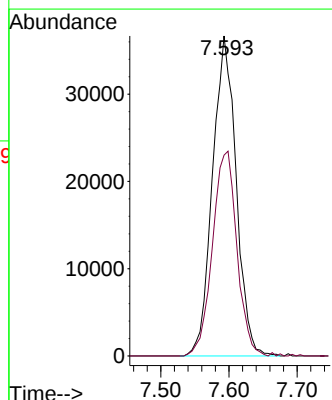
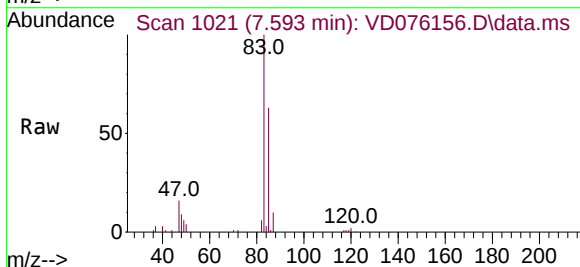
RT: 7.593 min Scan# 1021

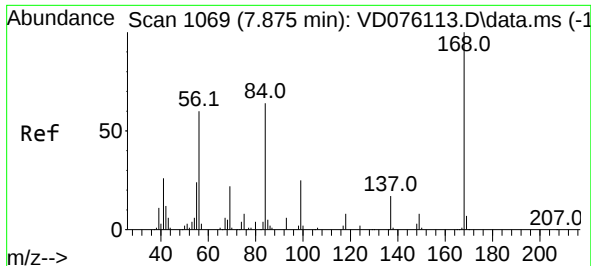
Delta R.T. -0.000 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

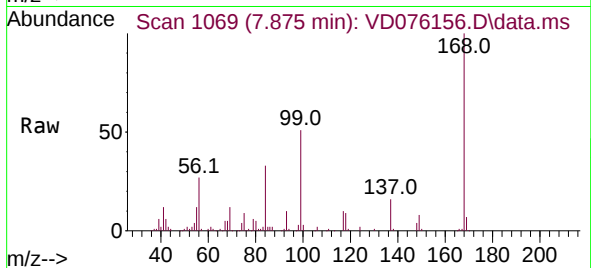
Tgt Ion:	83	Resp:	88427
Ion Ratio	Lower	Upper	
83	100		
85	62.7	49.4	74.2





#31
Cyclohexane
Concen: 20.969 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

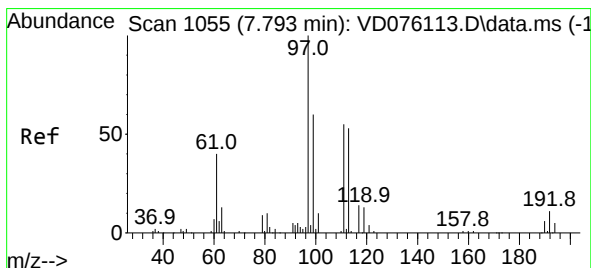
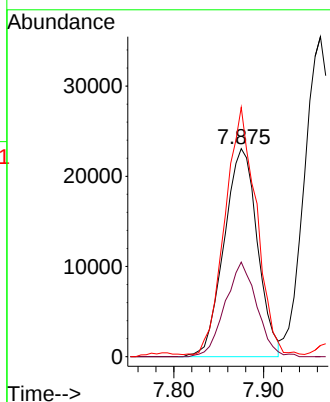
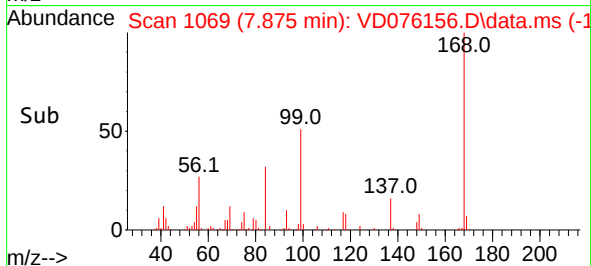
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



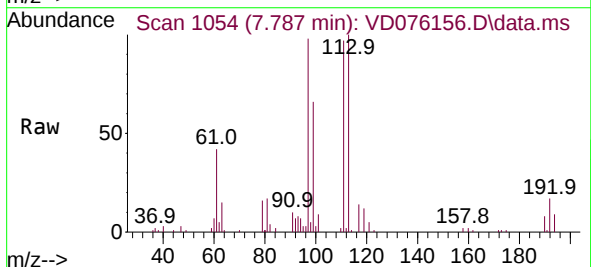
Tgt Ion: 56 Resp: 5955
Ion Ratio Lower Upper
56 100
69 45.5 25.5 38.3
84 118.7 69.6 104.4

Manual Integrations
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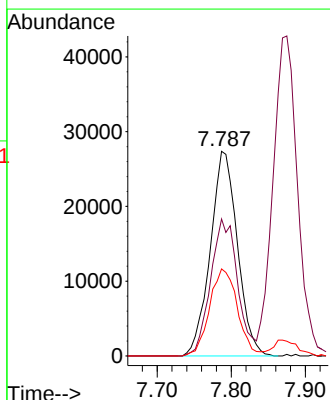
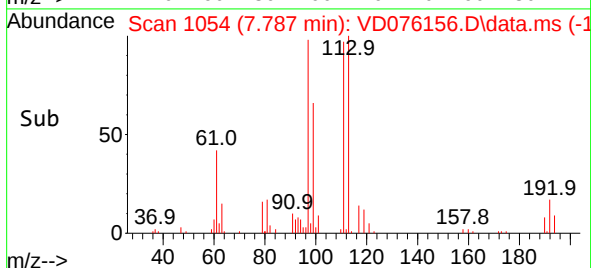
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

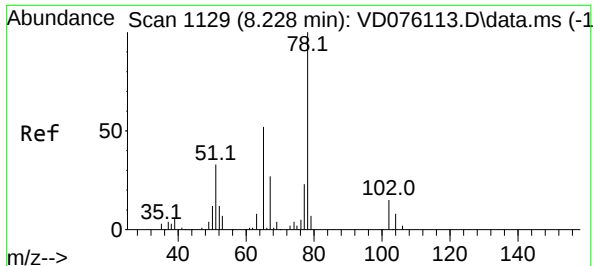


#32
1,1,1-Trichloroethane
Concen: 21.176 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



Tgt Ion: 97 Resp: 69531
Ion Ratio Lower Upper
97 100
99 67.0 50.5 75.7
61 43.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.970 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 65 Resp: 9081

Ion Ratio Lower Upper

65 100

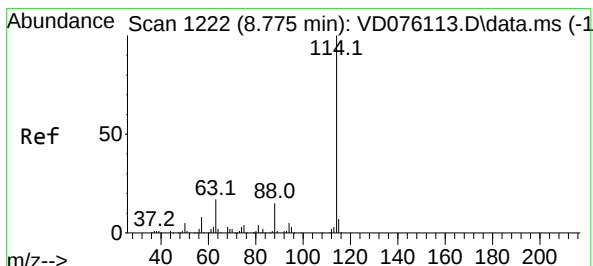
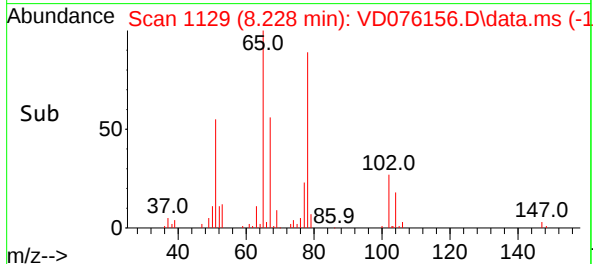
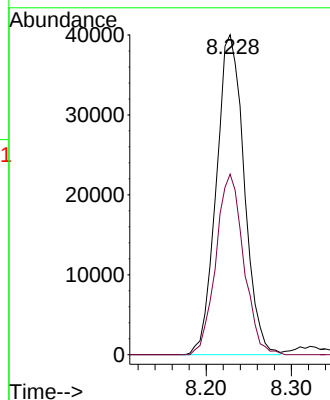
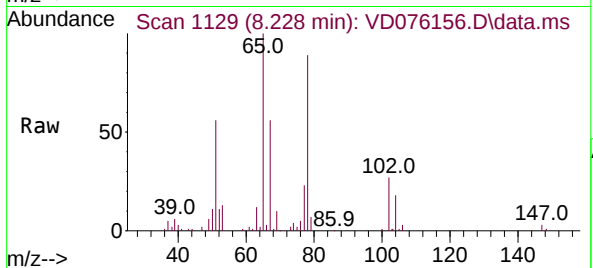
67 56.2 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

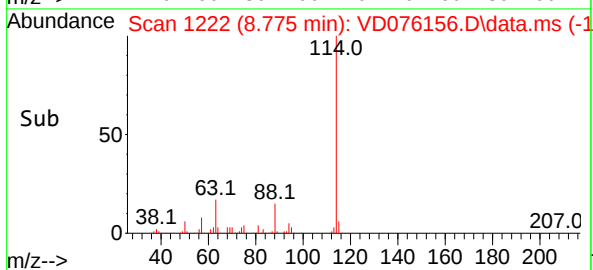
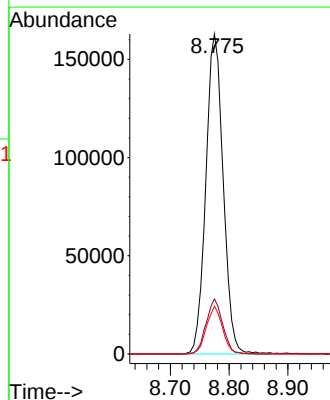
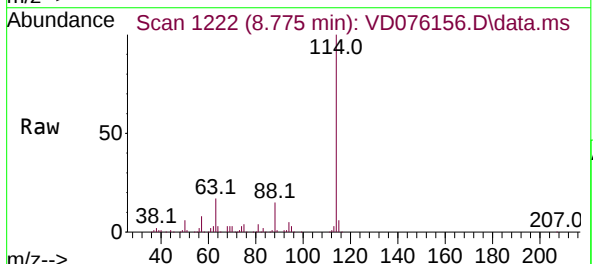
Tgt Ion:114 Resp: 334211

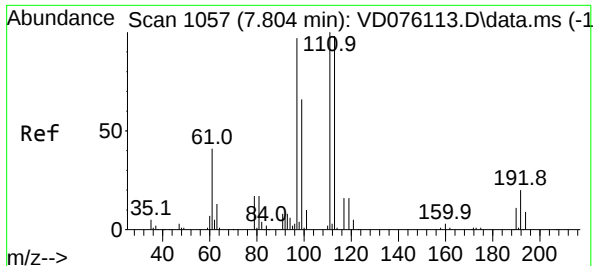
Ion Ratio Lower Upper

114 100

63 17.2 0.0 41.6

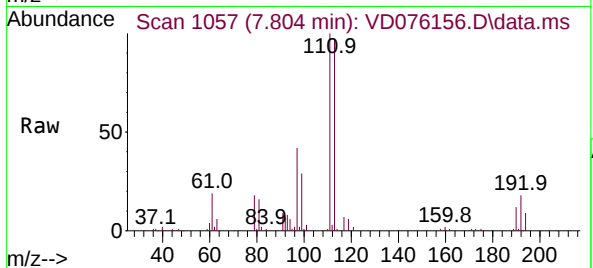
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 46.429 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

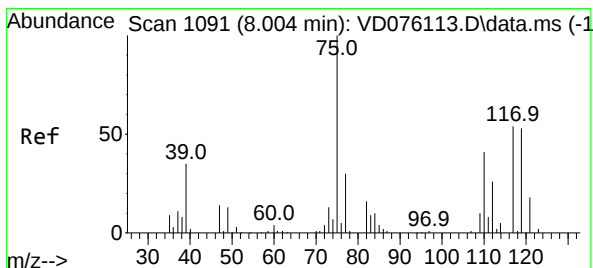
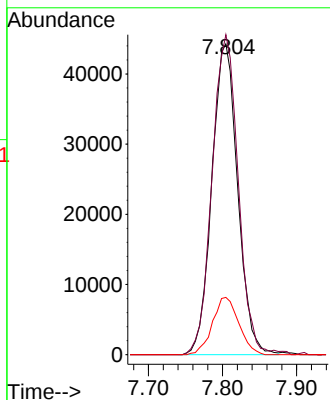
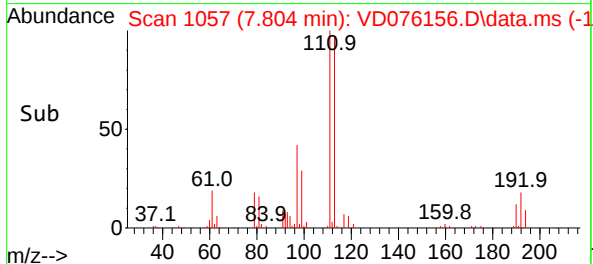
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 113 Resp: 107258
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 18.8 15.2 22.8

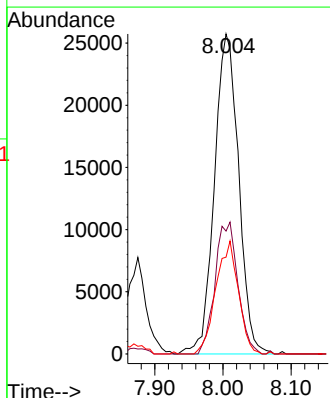
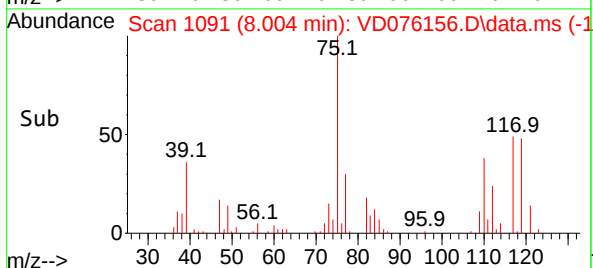
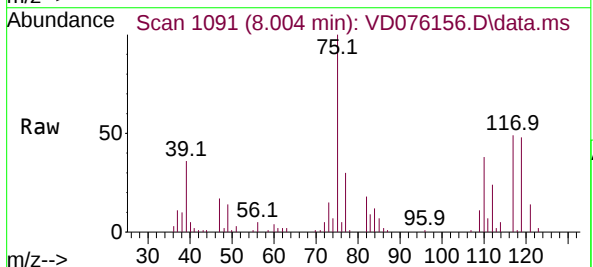
Manual Integrations
APPROVED

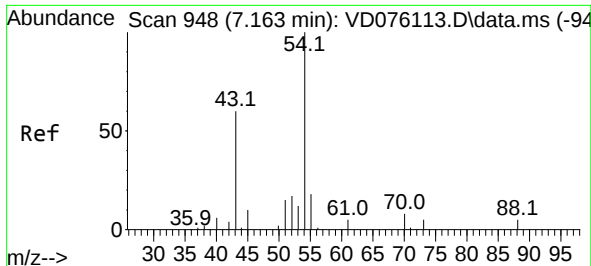
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#36
1,1-Dichloropropene
Concen: 20.424 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

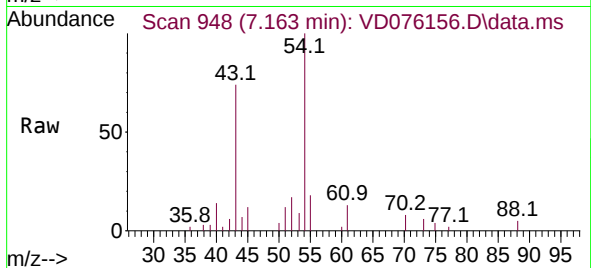
Tgt Ion: 75 Resp: 63721
Ion Ratio Lower Upper
75 100
110 38.8 17.1 51.2
77 32.7 24.6 36.8





#37
Ethyl Acetate
Concen: 21.303 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

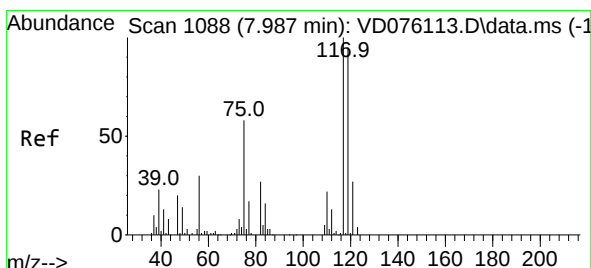
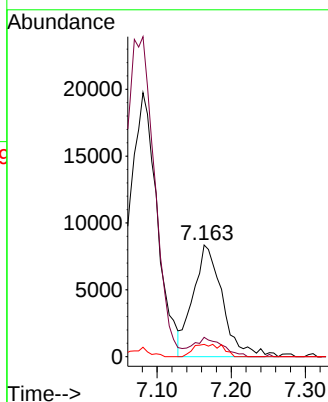
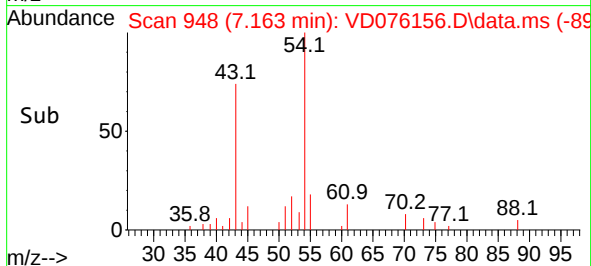
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
61 17.1 0.0 0.0
70 11.1 5.6 8.4

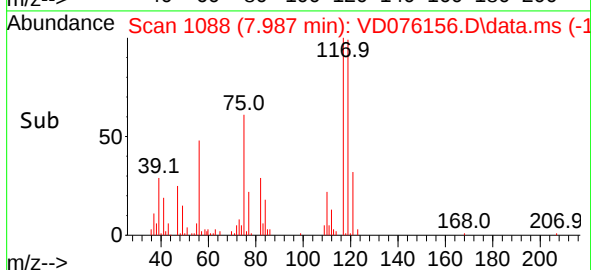
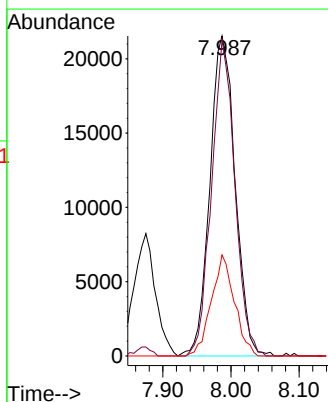
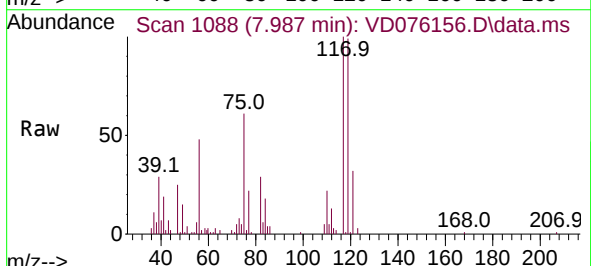
Manual Integrations
APPROVED

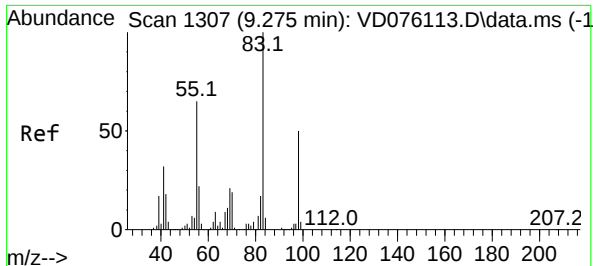
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#38
Carbon Tetrachloride
Concen: 19.748 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion:117 Resp: 55653
Ion Ratio Lower Upper
117 100
119 98.8 74.7 112.1
121 31.6 25.9 38.9





#39

Methylcyclohexane

Concen: 19.219 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD02

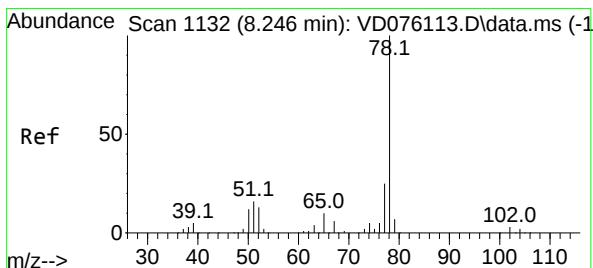
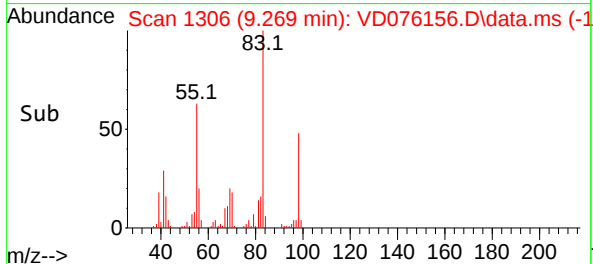
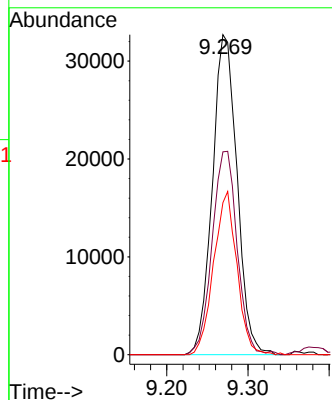
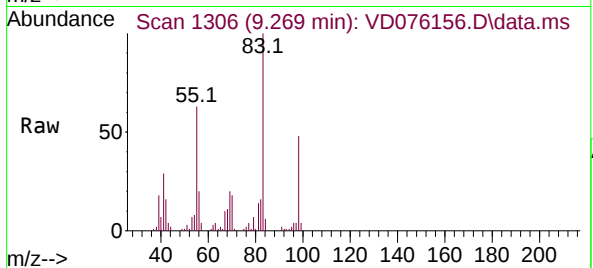
Tgt Ion:	83	Resp:	69034
Ion Ratio	Lower	Upper	
83	100		
55	63.4	56.8	85.2
98	47.5	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#40

Benzene

Concen: 19.996 ug/l

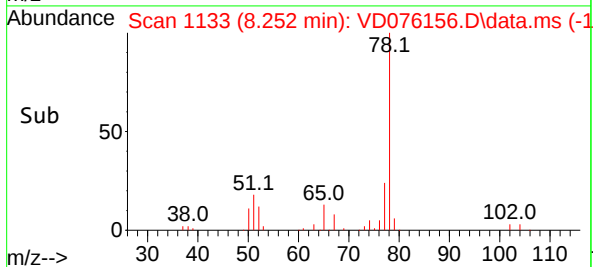
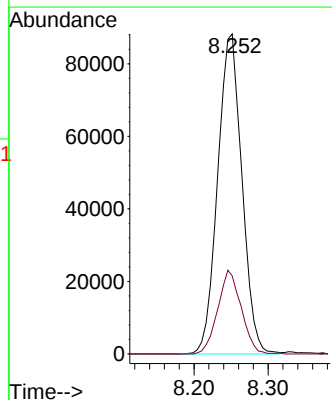
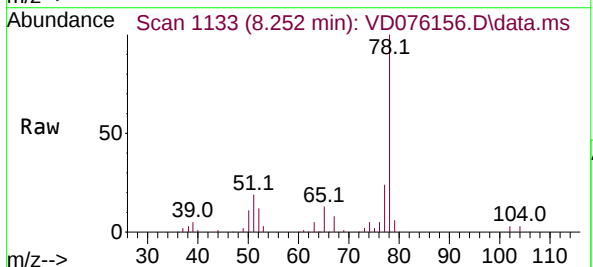
RT: 8.252 min Scan# 1133

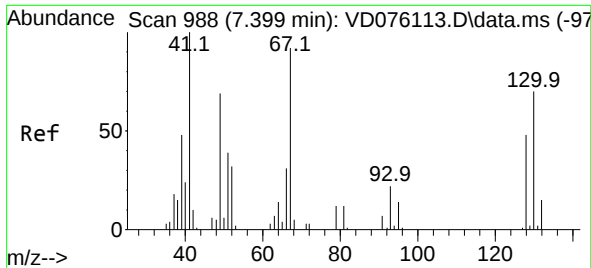
Delta R.T. -0.001 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

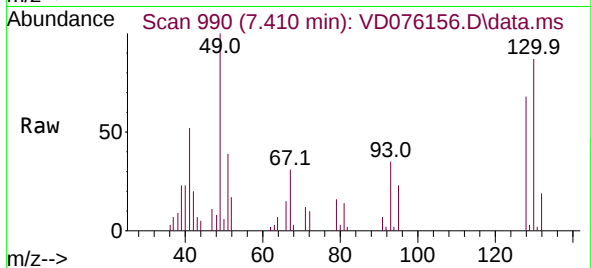
Tgt Ion:	78	Resp:	200571
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.1	28.7





#41
Methacrylonitrile
Concen: 19.036 ug/l m
RT: 7.410 min Scan# 990
Delta R.T. 0.011 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

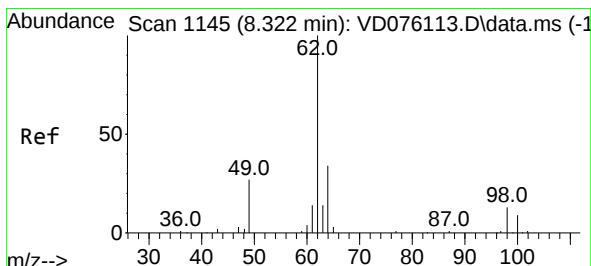
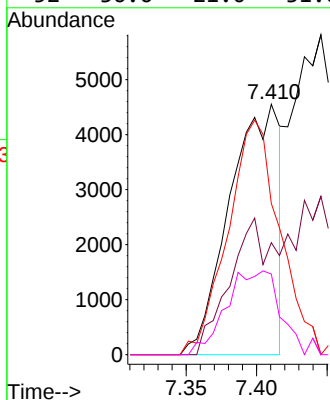
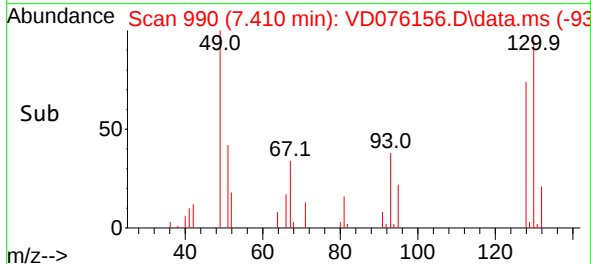
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion: 41 Resp: 1127
Ion Ratio Lower Upper
41 100
39 48.2 45.3 67.9
67 97.3 50.5 75.7
52 36.6 21.0 31.6#

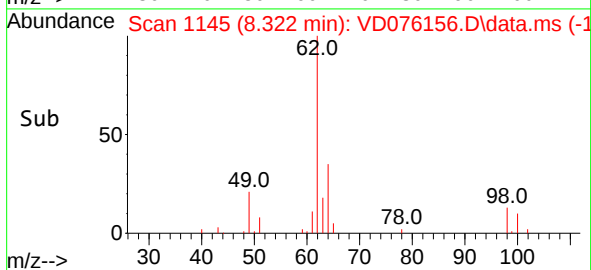
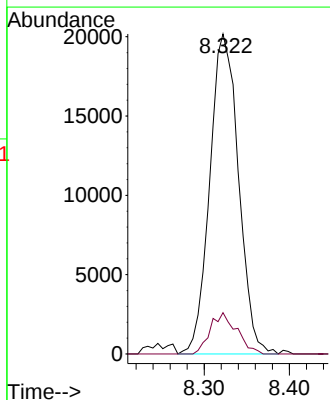
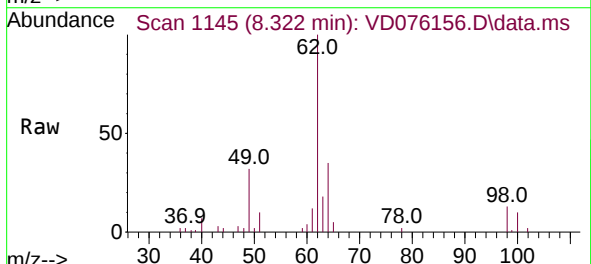
Manual Integrations
APPROVED

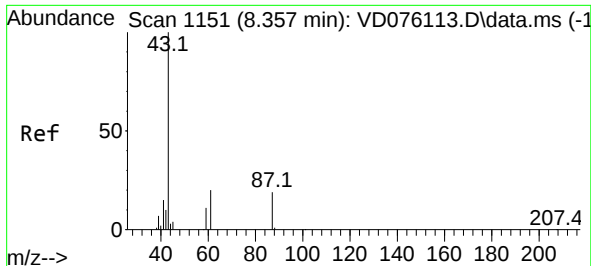
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#42
1,2-Dichloroethane
Concen: 19.944 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

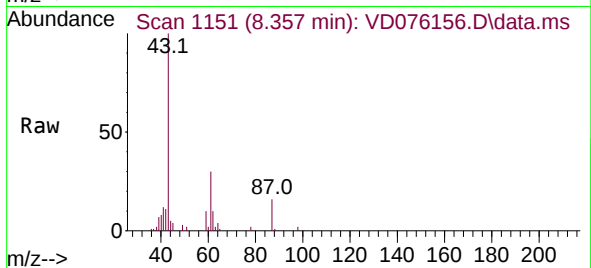
Tgt Ion: 62 Resp: 47317
Ion Ratio Lower Upper
62 100
98 11.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 18.514 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

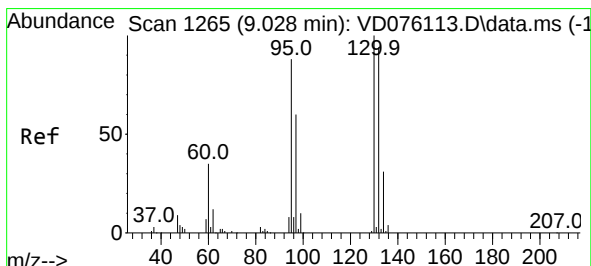
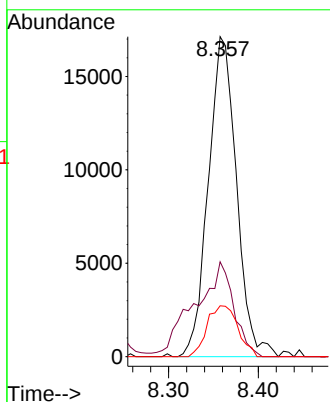
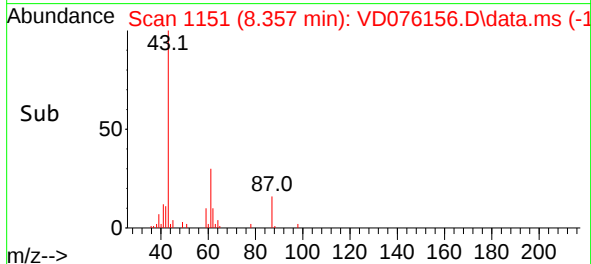
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion: 43 Resp: 3736
Ion Ratio Lower Upper
43 100
61 41.2 23.4 35.0
87 17.4 9.5 14.3

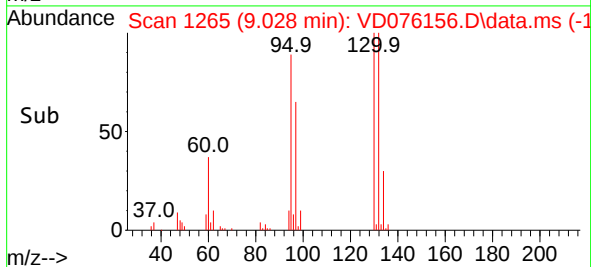
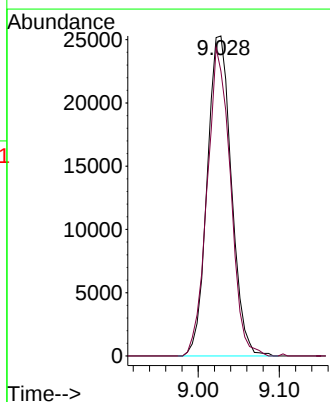
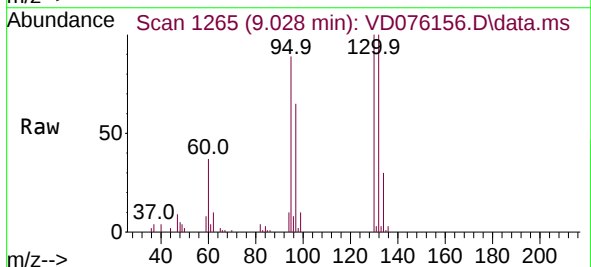
Manual Integrations
APPROVED

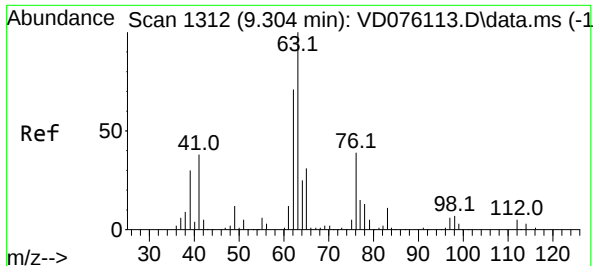
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#44
Trichloroethene
Concen: 18.531 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion:130 Resp: 52384
Ion Ratio Lower Upper
130 100
95 89.0 0.0 197.6





#45

1,2-Dichloropropane

Concen: 19.650 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 63 Resp: 48618

Ion Ratio Lower Upper

63 100

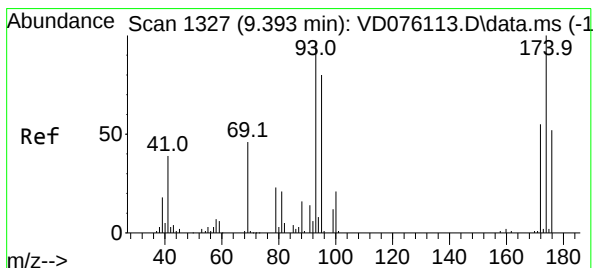
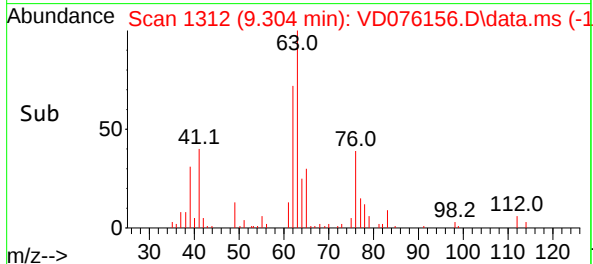
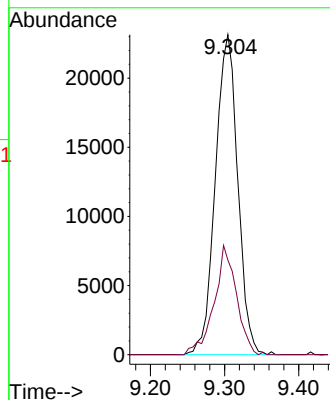
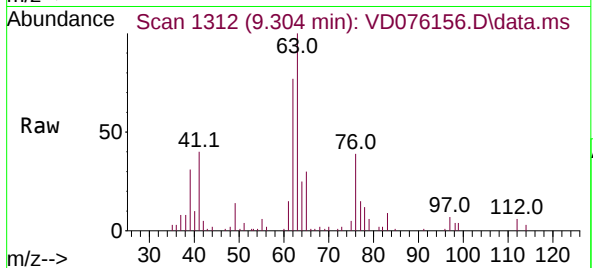
65 29.6 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 19.116 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

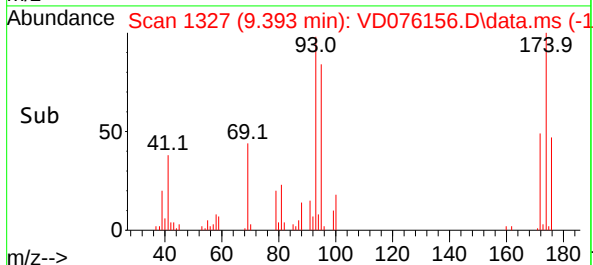
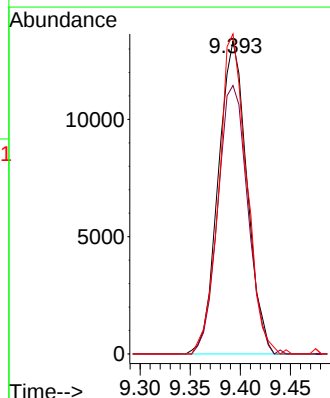
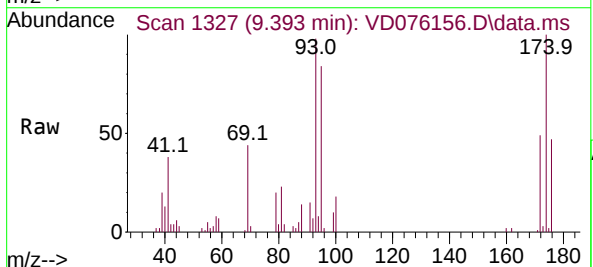
Tgt Ion: 93 Resp: 26511

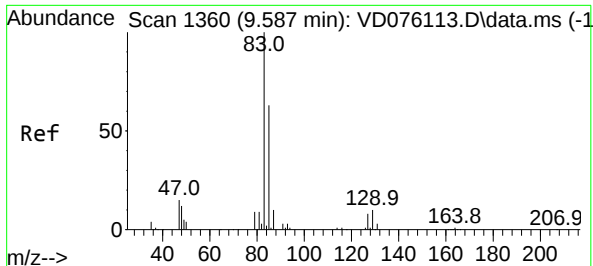
Ion Ratio Lower Upper

93 100

95 89.0 64.5 96.7

174 99.0 76.2 114.4





#47

Bromodichloromethane

Concen: 19.155 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD02

Tgt Ion: 83 Resp: 6384

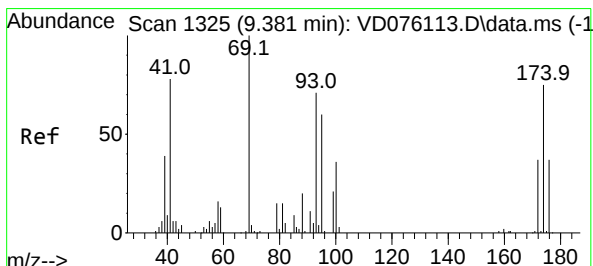
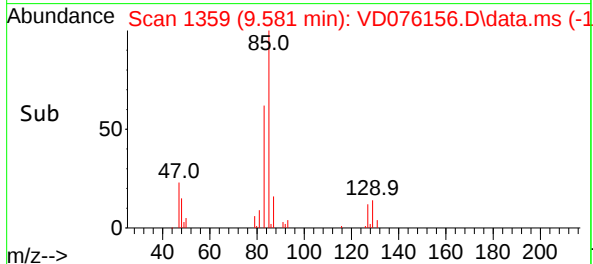
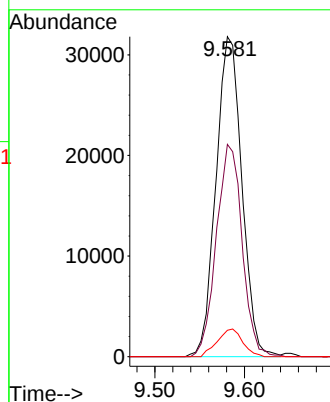
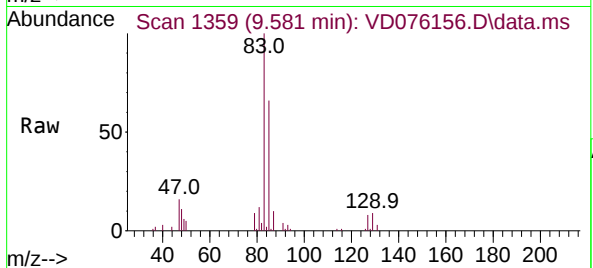
Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.7	80.5
127	8.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#48

Methyl methacrylate

Concen: 19.767 ug/l

RT: 9.381 min Scan# 1325

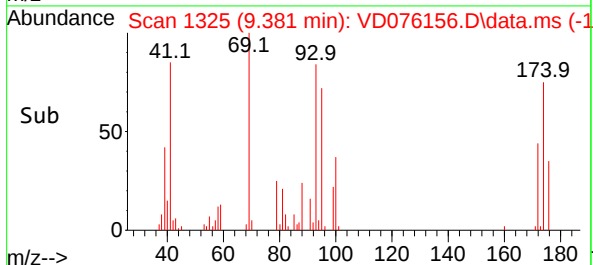
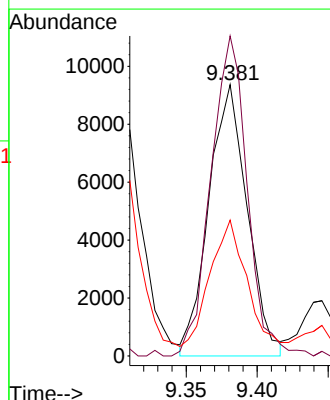
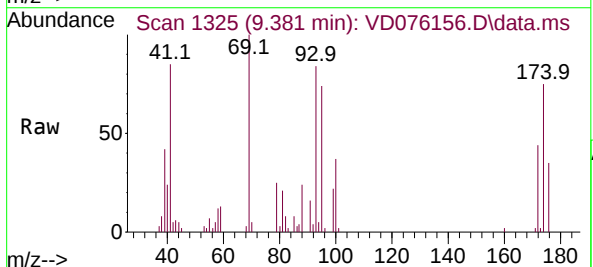
Delta R.T. -0.000 min

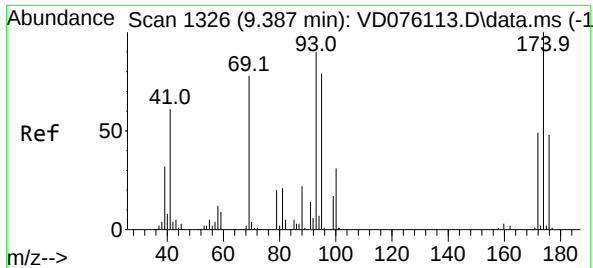
Lab File: VD076156.D

Acq: 19 May 2023 14:42

Tgt Ion: 41 Resp: 17656

Ion	Ratio	Lower	Upper
41	100		
69	112.0	58.6	88.0#
39	51.9	53.4	80.0#





#49

1,4-Dioxane

Concen: 393.384 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076156.D

Acq: 19 May 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS02

Tgt Ion: 88 Resp: 5834

Ion Ratio Lower Upper

88 100

43 25.0 34.6 51.8

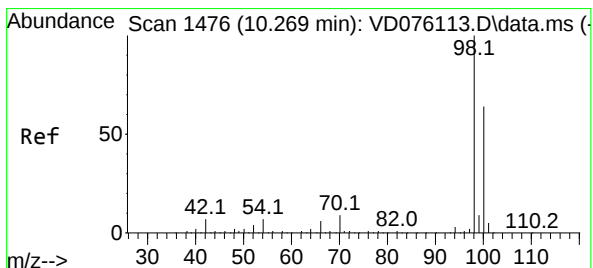
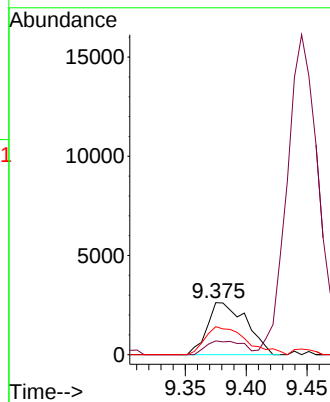
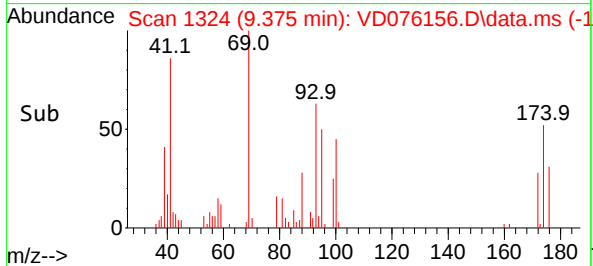
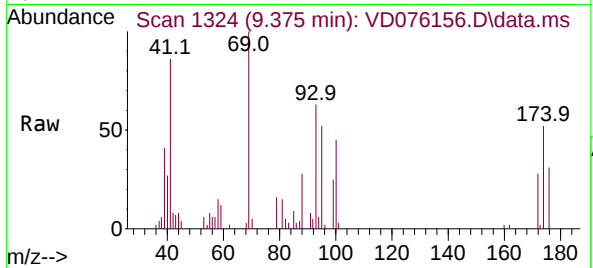
58 56.4 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#50

Toluene-d8

Concen: 47.891 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076156.D

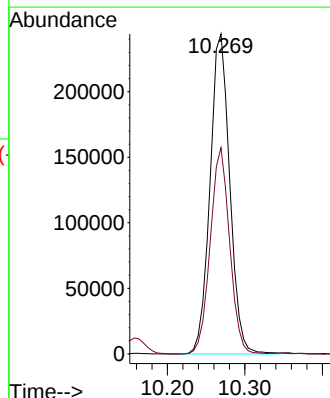
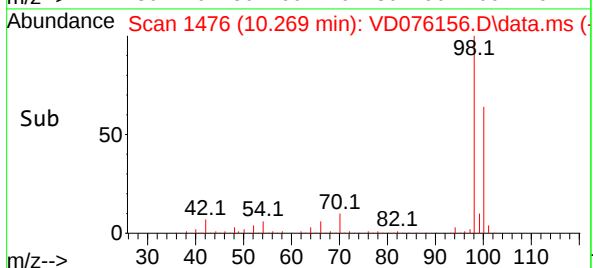
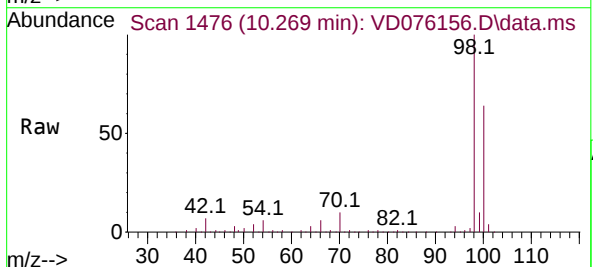
Acq: 19 May 2023 14:42

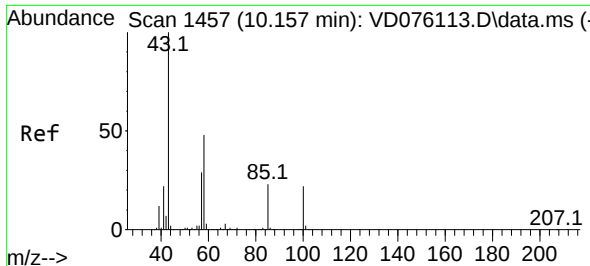
Tgt Ion: 98 Resp: 431282

Ion Ratio Lower Upper

98 100

100 63.3 52.1 78.1





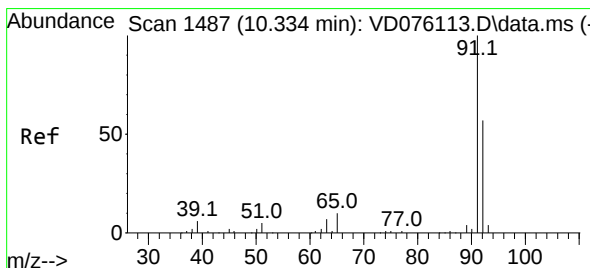
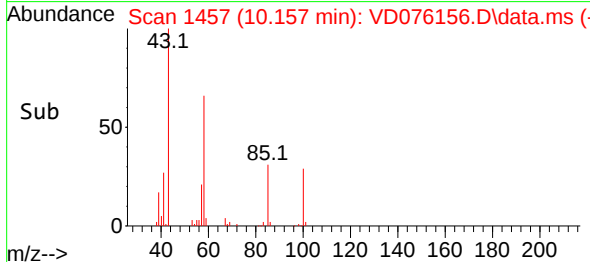
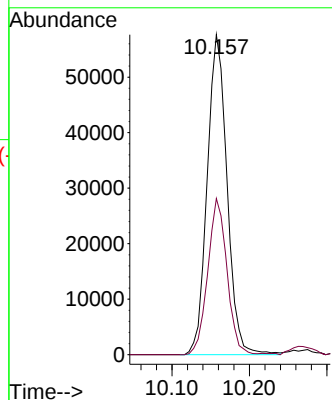
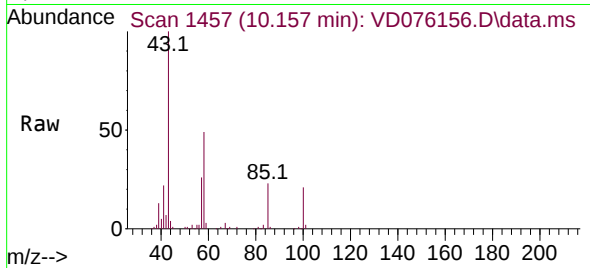
#51
4-Methyl-2-Pentanone
Concen: 95.730 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion: 43 Resp: 10275
Ion Ratio Lower Upper
43 100
58 47.1 29.5 44.3

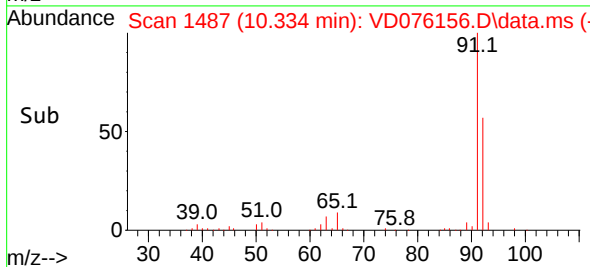
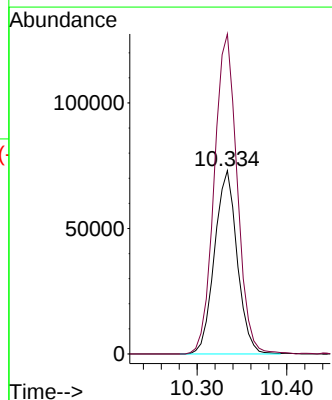
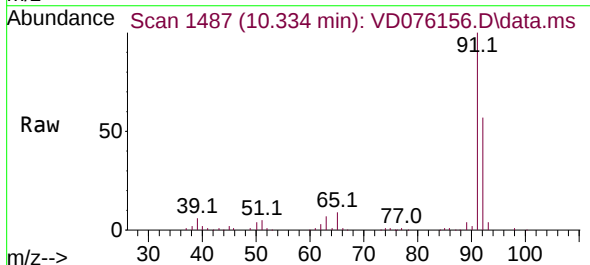
Manual Integrations
APPROVED

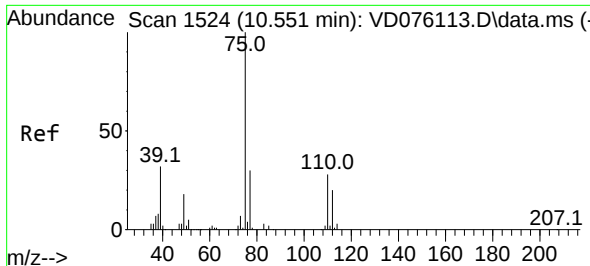
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#52
Toluene
Concen: 20.434 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion: 92 Resp: 128015
Ion Ratio Lower Upper
92 100
91 176.6 136.5 204.7





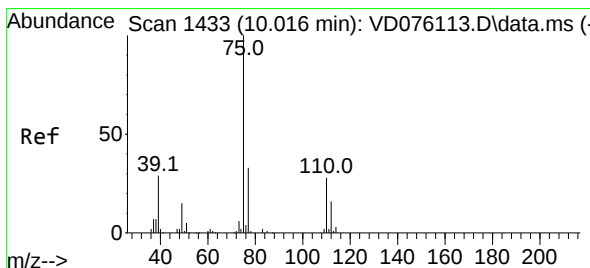
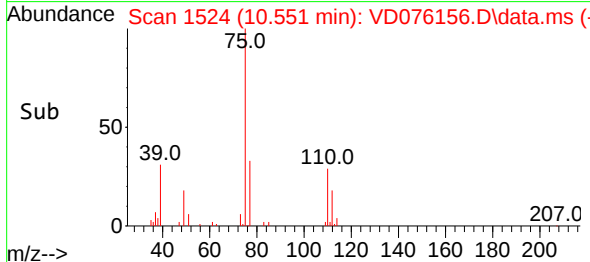
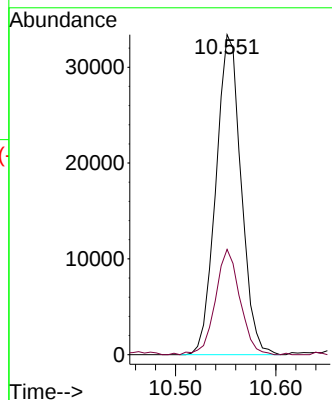
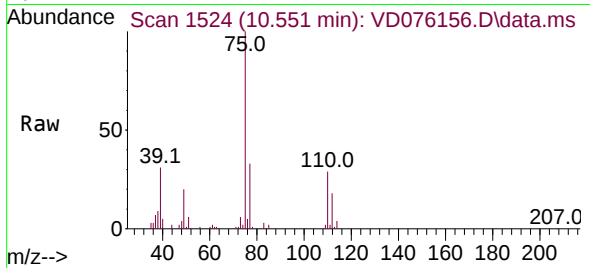
#53
 t-1,3-Dichloropropene
 Concen: 19.383 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD02

Tgt Ion: 75 Resp: 58220
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.3 39.5

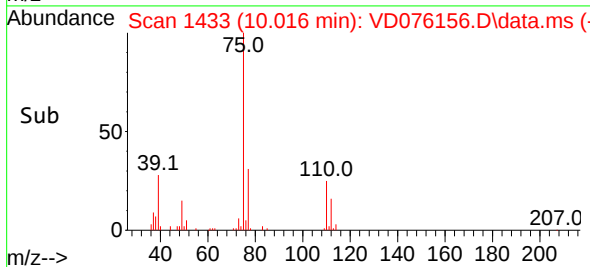
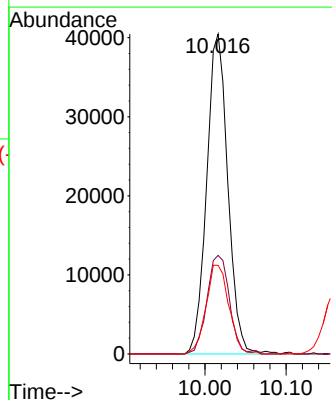
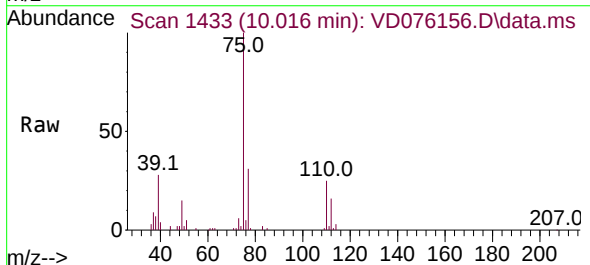
Manual Integrations
 APPROVED

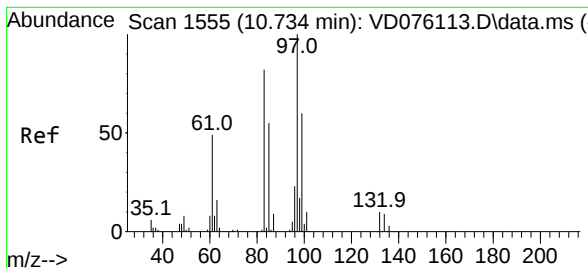
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.971 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

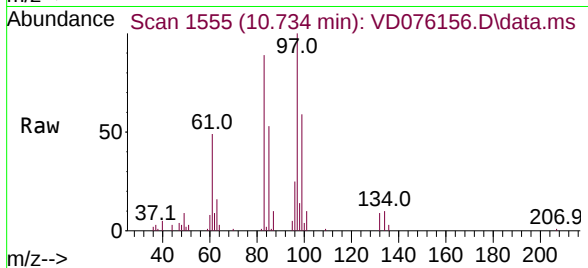
Tgt Ion: 75 Resp: 73214
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4
 39 27.7 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 20.089 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

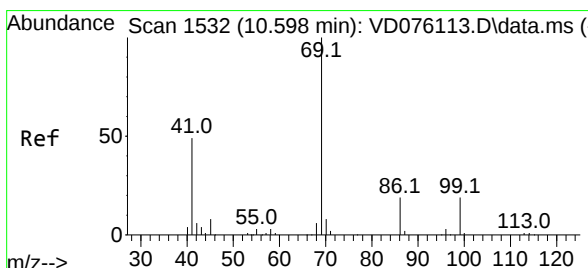
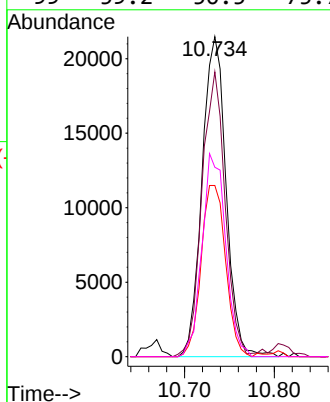
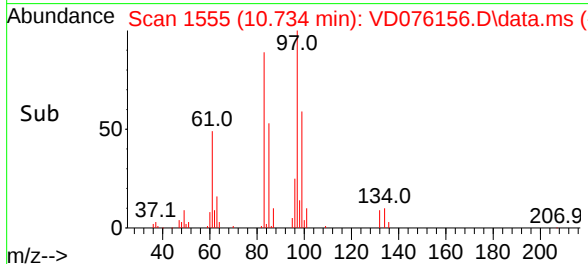
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



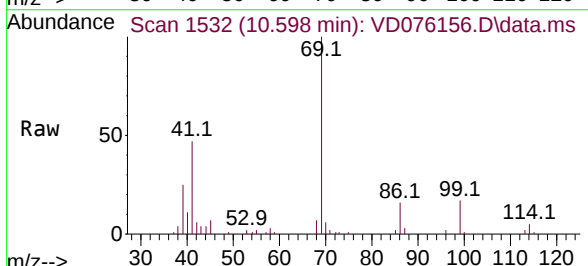
Tgt Ion:	97	Resp:	3995
Ion Ratio	100	Lower	Upper
83	88.3	74.2	111.4
85	53.5	45.4	68.0
99	59.2	50.5	75.7

Manual Integrations
APPROVED

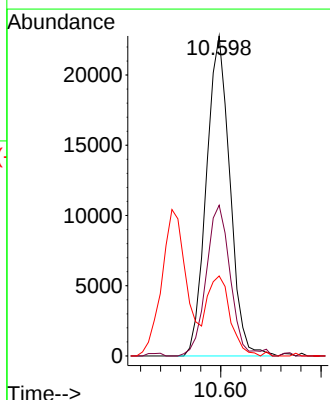
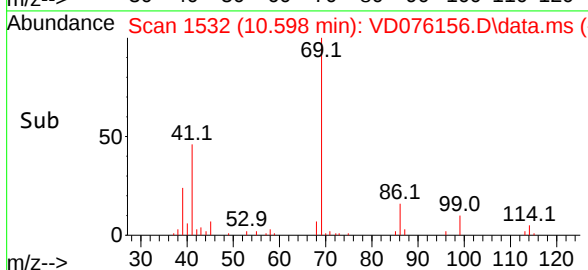
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

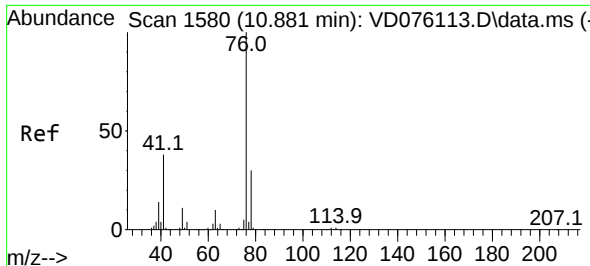


#56
Ethyl methacrylate
Concen: 18.567 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



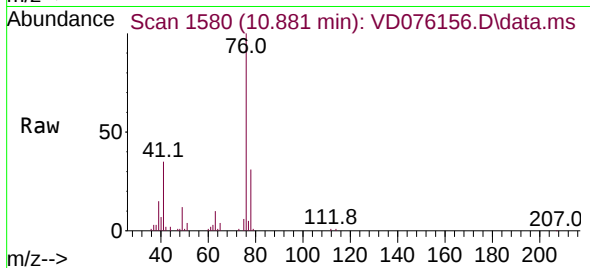
Tgt Ion:	69	Resp:	37115
Ion Ratio	100	Lower	Upper
41	48.5	59.3	88.9#
39	23.8	36.0	54.0#





#57
1,3-Dichloropropane
Concen: 19.739 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

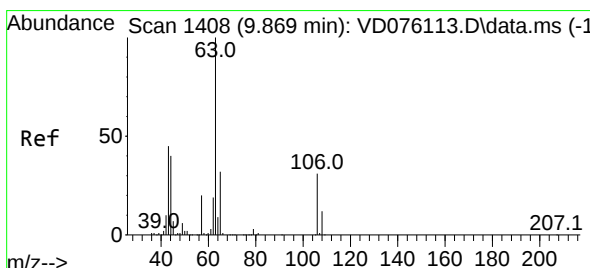
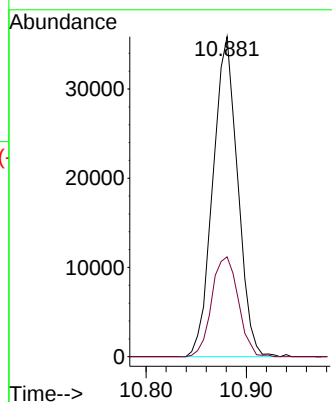
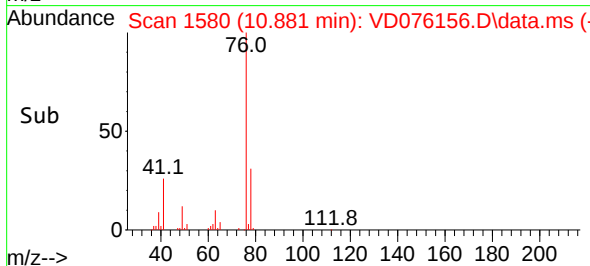
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion: 76 Resp: 61588
Ion Ratio Lower Upper
76 100
78 33.4 25.6 38.4

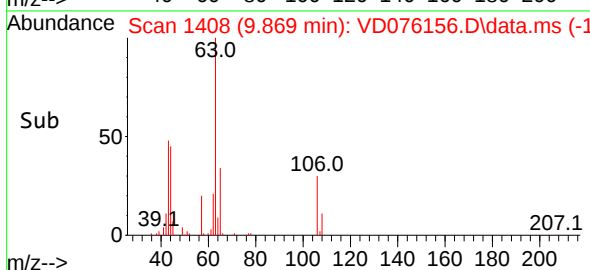
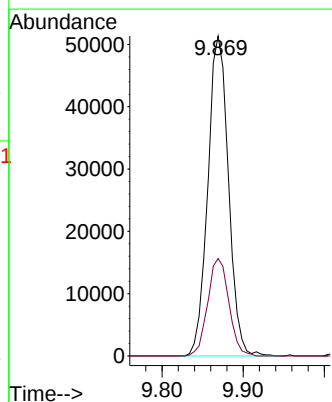
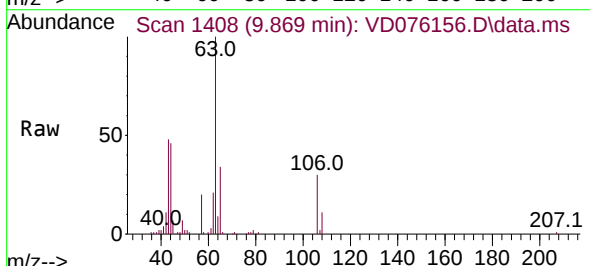
Manual Integrations
APPROVED

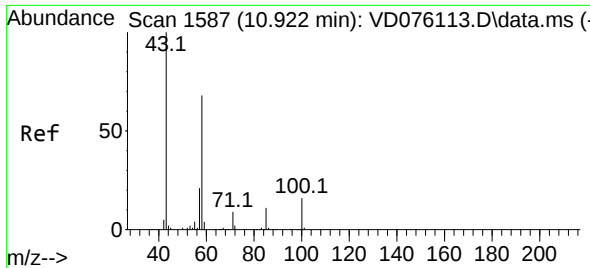
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 94.554 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

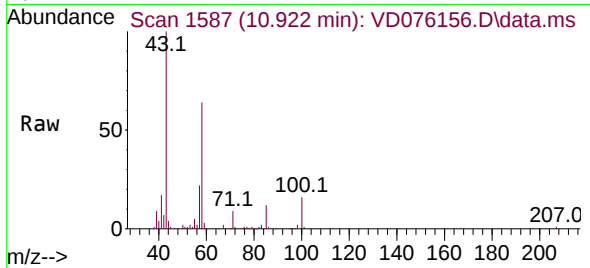
Tgt Ion: 63 Resp: 90689
Ion Ratio Lower Upper
63 100
106 31.2 21.4 32.2





#59
2-Hexanone
Concen: 95.869 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

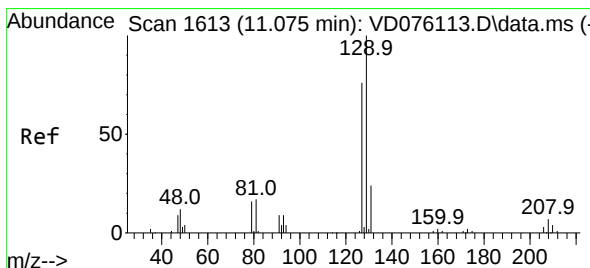
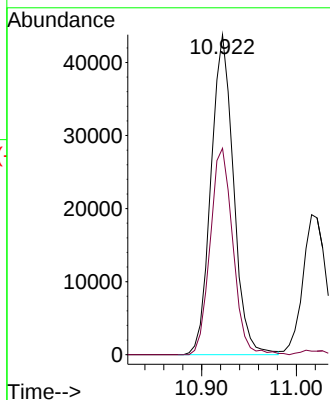
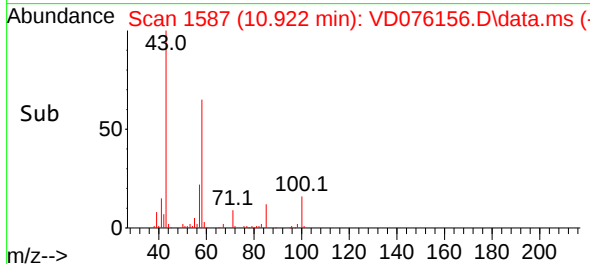
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion: 43 Resp: 72569
Ion Ratio Lower Upper
43 100
58 64.7 25.3 75.8

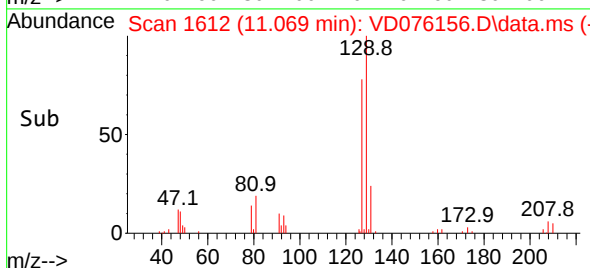
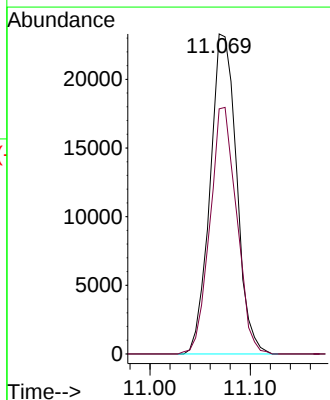
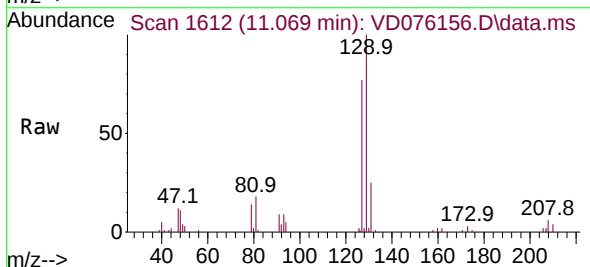
Manual Integrations
APPROVED

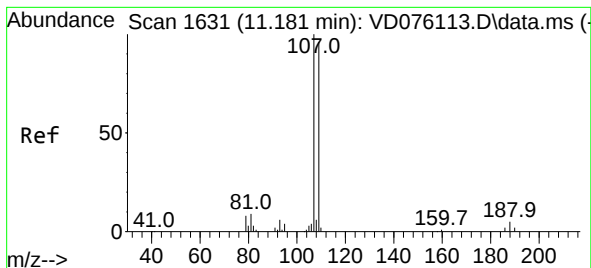
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#60
Dibromochloromethane
Concen: 19.130 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion:129 Resp: 42779
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





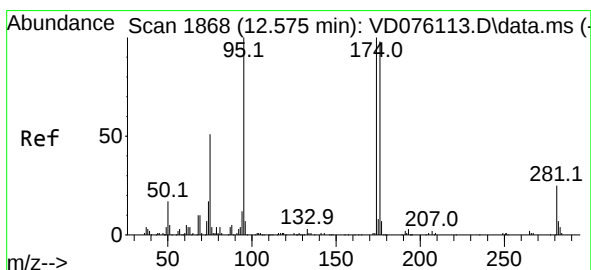
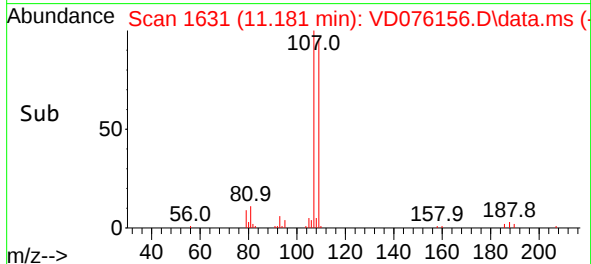
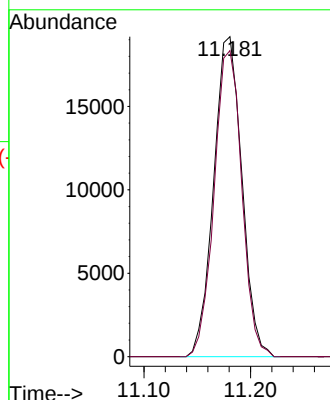
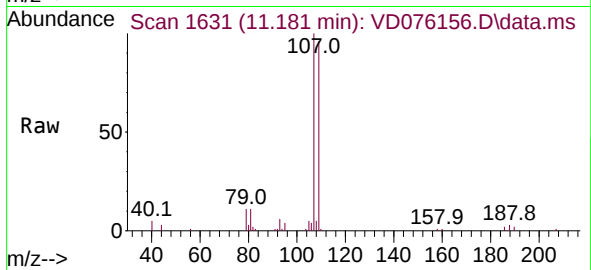
#61
1,2-Dibromoethane
Concen: 19.931 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion:107 Resp: 35260
Ion Ratio Lower Upper
107 100
109 93.8 73.6 110.4

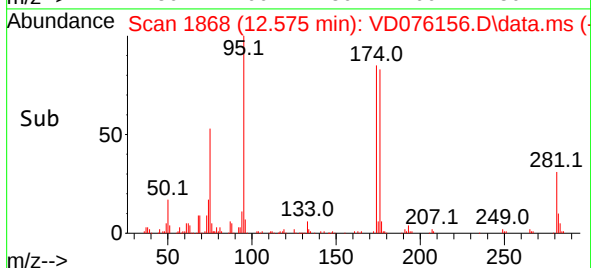
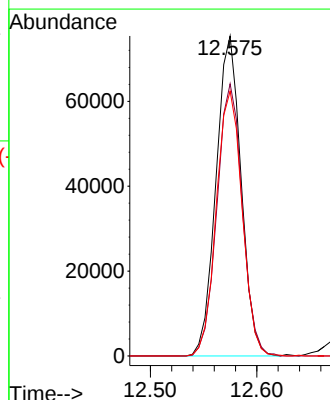
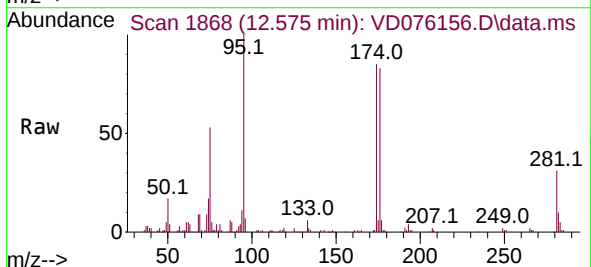
Manual Integrations
APPROVED

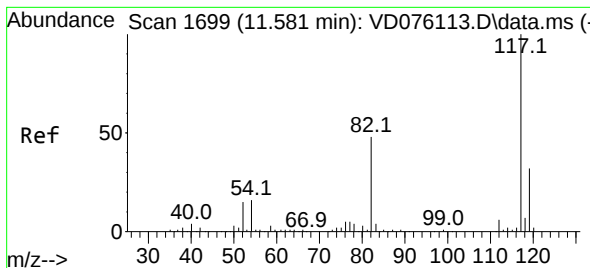
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#62
4-Bromofluorobenzene
Concen: 49.078 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

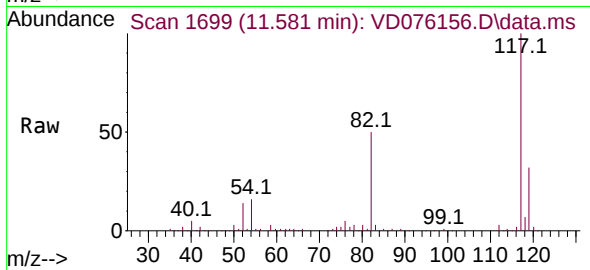
Tgt Ion: 95 Resp: 122773
Ion Ratio Lower Upper
95 100
174 86.0 0.0 164.0
176 85.3 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

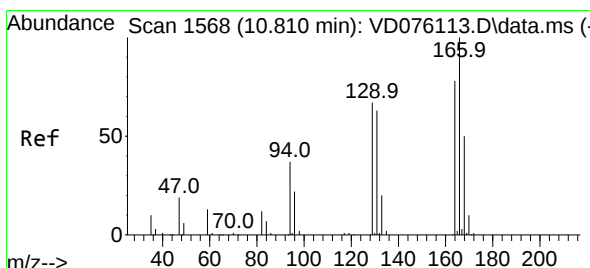
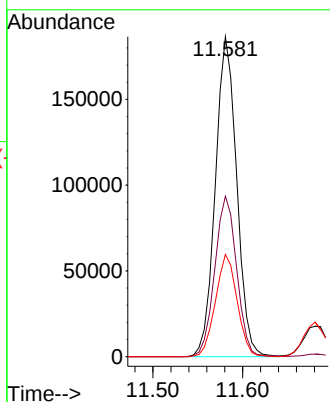
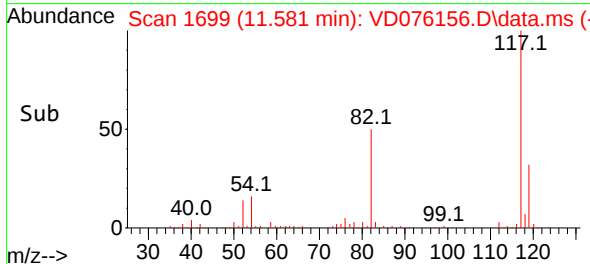
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



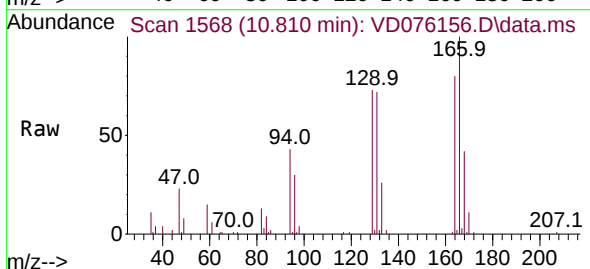
Tgt Ion:117 Resp: 30830
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.0 25.1 37.7

Manual Integrations
APPROVED

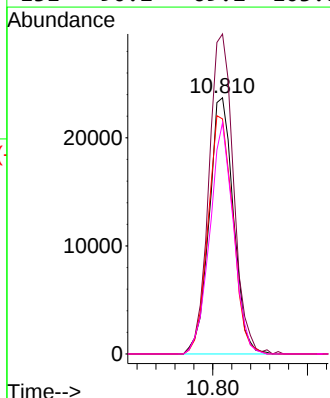
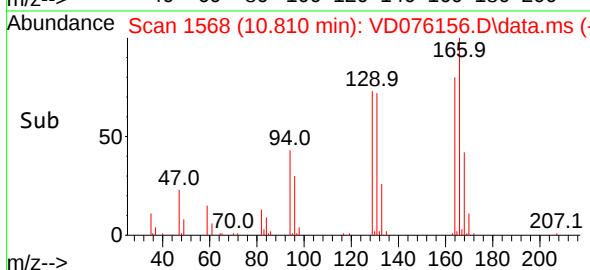
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

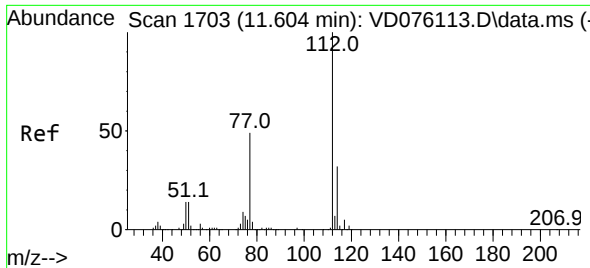


#64
Tetrachloroethene
Concen: 17.840 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



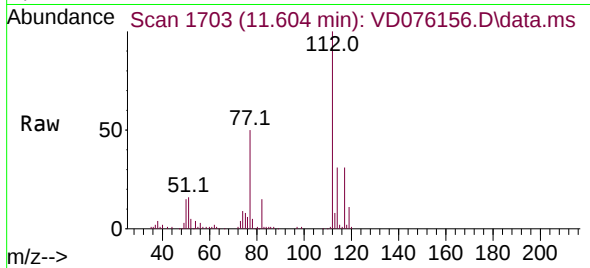
Tgt Ion:164 Resp: 42295
Ion Ratio Lower Upper
164 100
166 124.9 94.9 142.3
129 91.7 73.0 109.6
131 90.2 69.2 103.8





#65
Chlorobenzene
Concen: 19.214 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

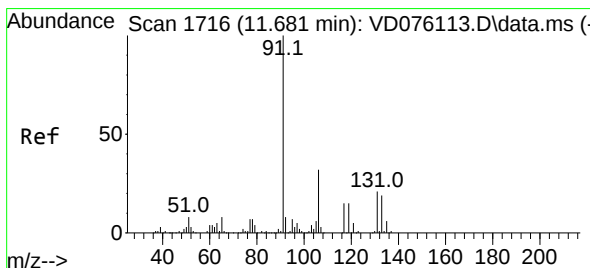
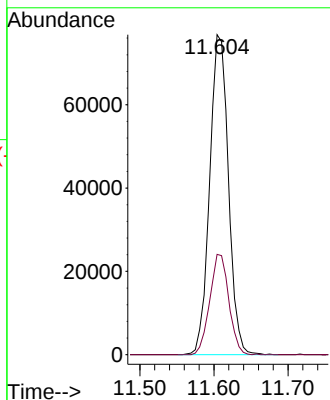
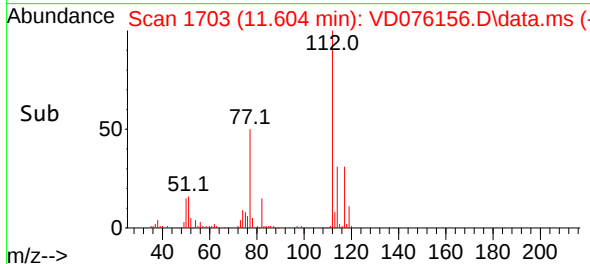
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion:112 Resp: 134860
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

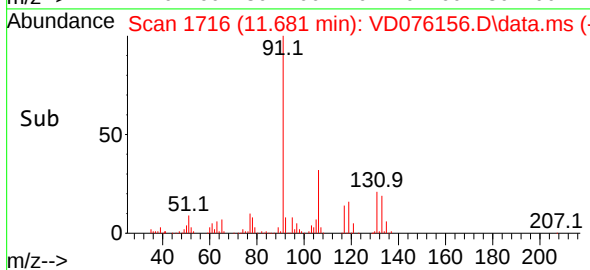
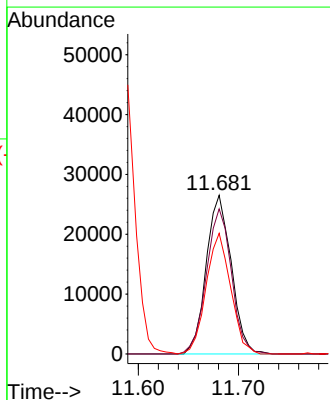
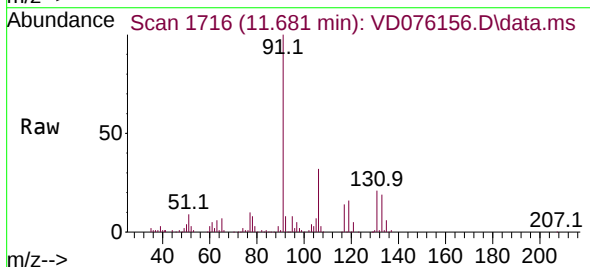
Manual Integrations
APPROVED

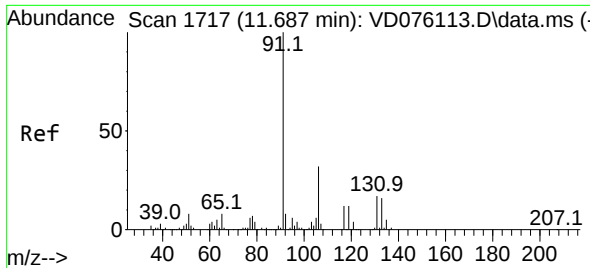
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.055 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion:131 Resp: 46026
Ion Ratio Lower Upper
131 100
133 91.5 46.7 140.0
119 74.5 31.9 95.9





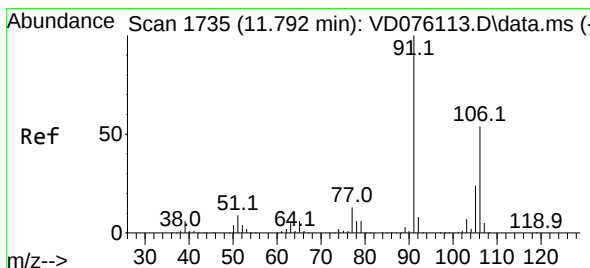
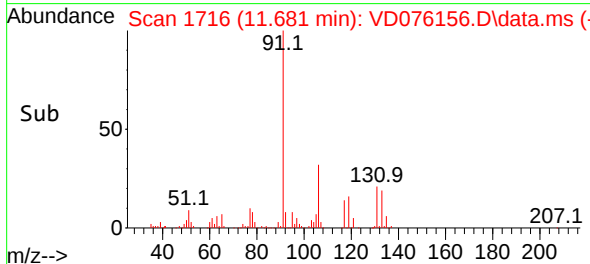
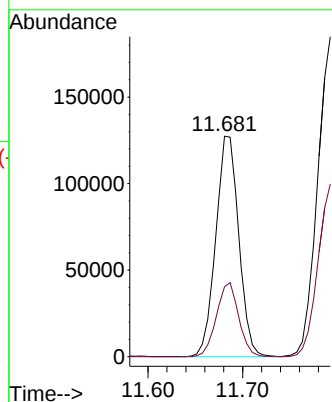
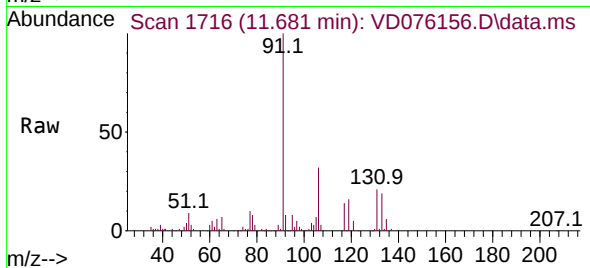
#67
Ethyl Benzene
Concen: 19.178 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion: 91 Resp: 215092
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7

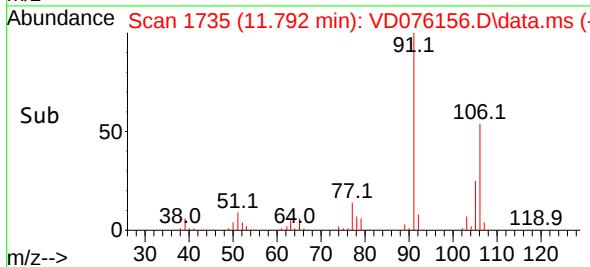
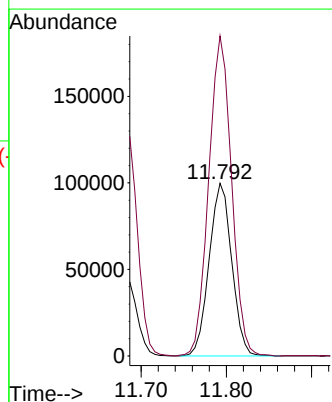
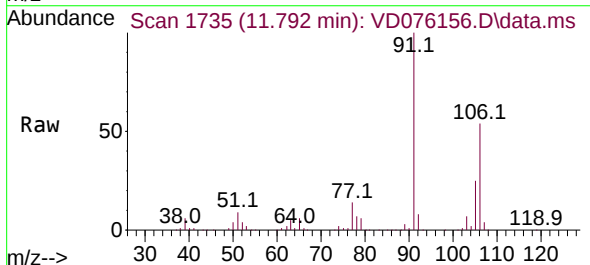
Manual Integrations
APPROVED

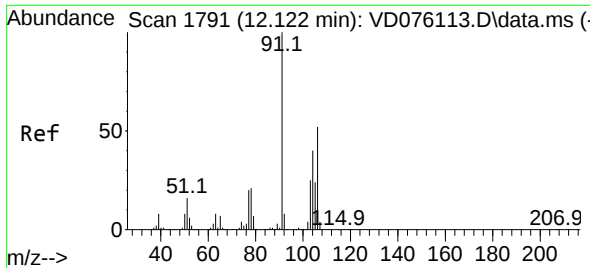
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#68
m/p-Xylenes
Concen: 40.080 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

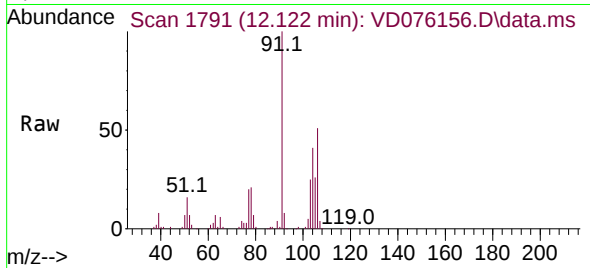
Tgt Ion:106 Resp: 183719
Ion Ratio Lower Upper
106 100
91 187.4 161.5 242.3





#69
o-Xylene
Concen: 19.271 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

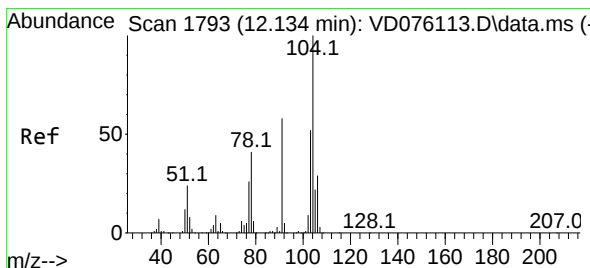
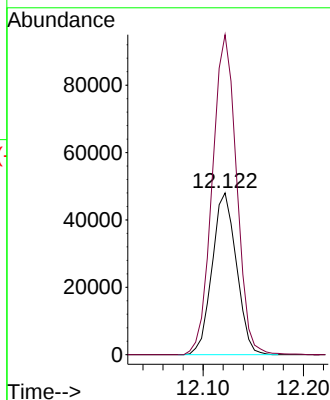
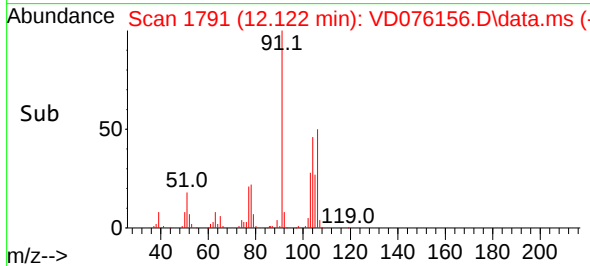
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion:106 Resp: 80600
Ion Ratio Lower Upper
106 100
91 198.2 105.7 317.1

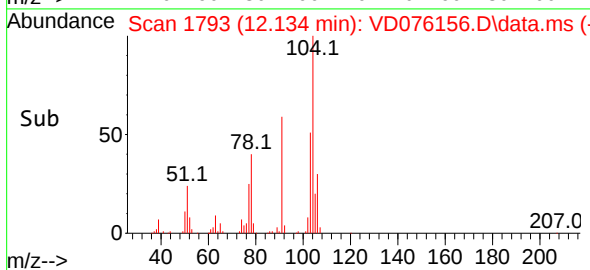
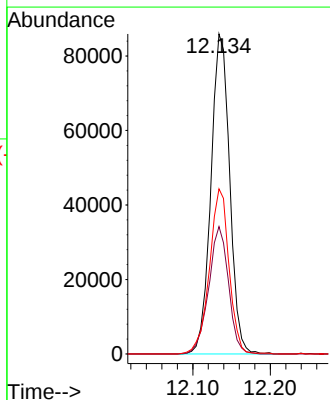
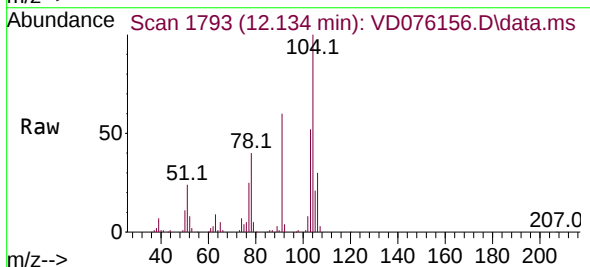
Manual Integrations
APPROVED

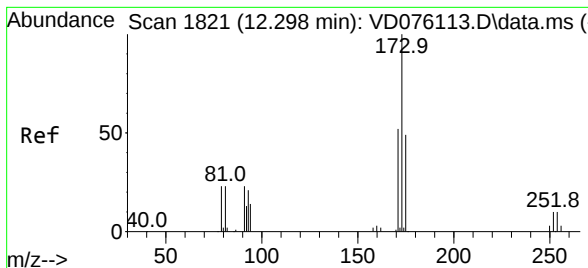
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#70
Styrene
Concen: 19.947 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

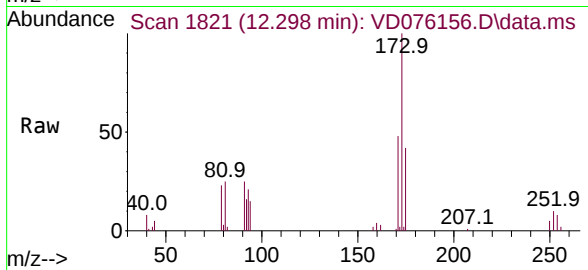
Tgt Ion:104 Resp: 144644
Ion Ratio Lower Upper
104 100
78 42.0 40.2 60.4
103 53.8 44.2 66.2





#71
Bromoform
Concen: 18.014 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

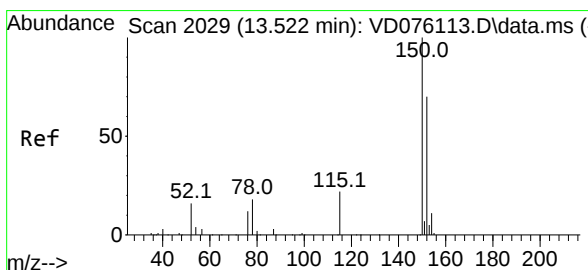
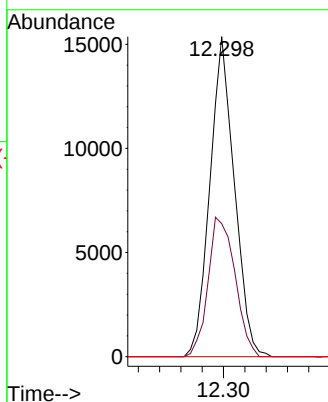
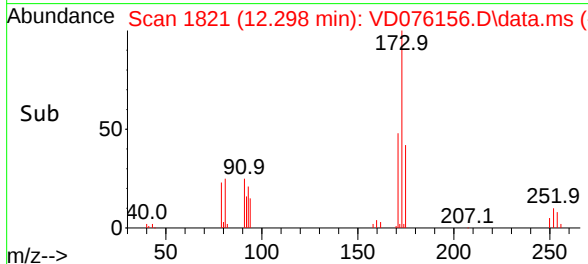
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



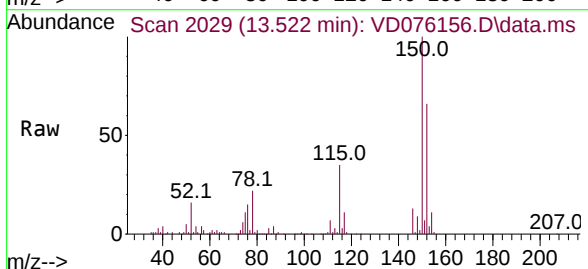
Tgt Ion:173 Resp: 24479
Ion Ratio Lower Upper
173 100
175 48.0 23.5 70.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

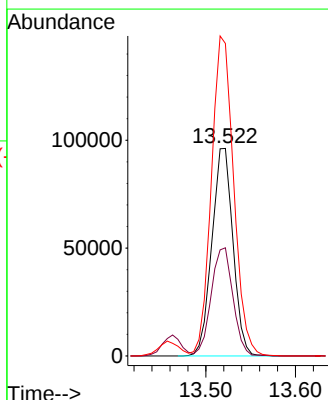
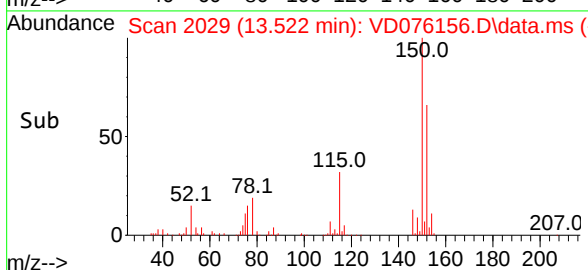
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

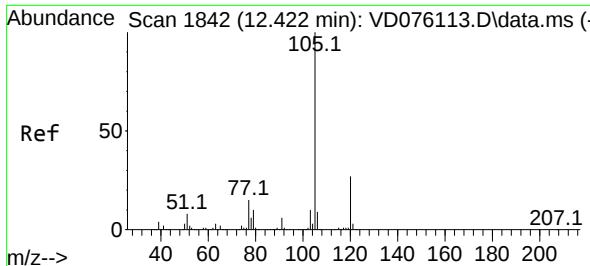


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



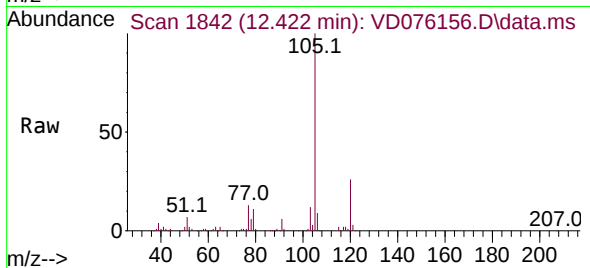
Tgt Ion:152 Resp: 157368
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 162.9 0.0 364.8





#73
Isopropylbenzene
Concen: 19.898 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

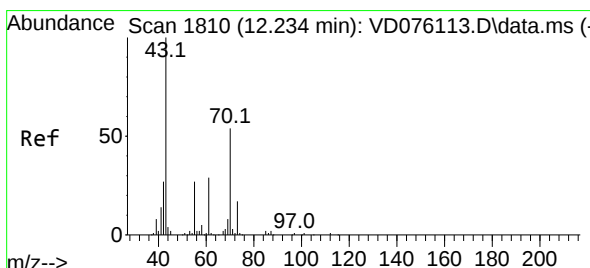
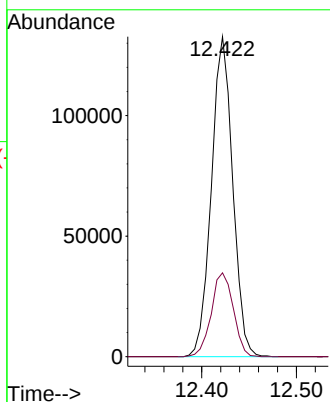
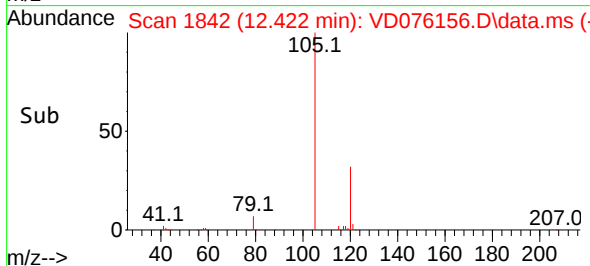
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



Tgt Ion:105 Resp: 207138
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

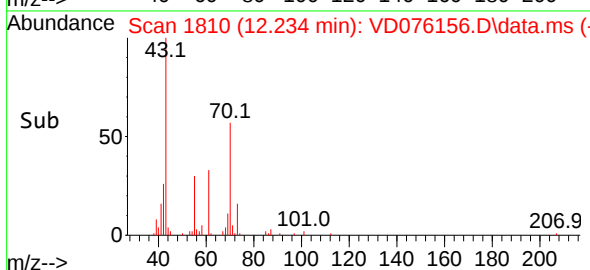
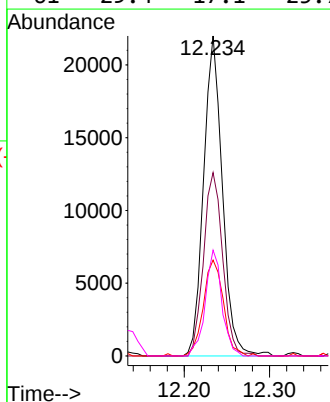
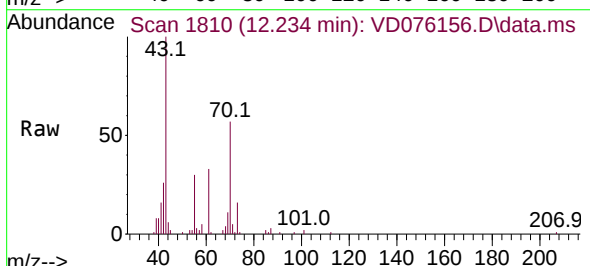
Manual Integrations
APPROVED

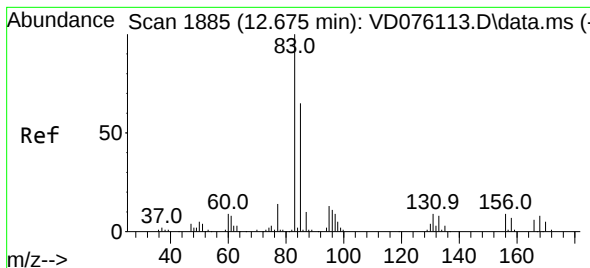
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#74
N-ethyl acetate
Concen: 18.185 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

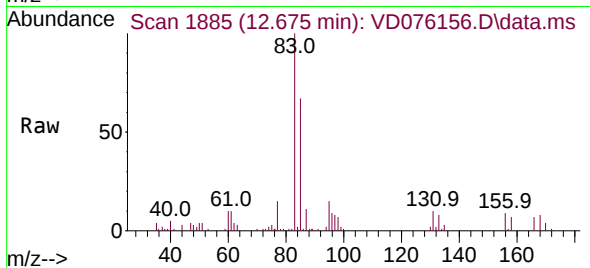
Tgt Ion: 43 Resp: 33719
Ion Ratio Lower Upper
43 100
70 58.2 31.0 46.4#
55 31.9 18.6 28.0#
61 29.4 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.077 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

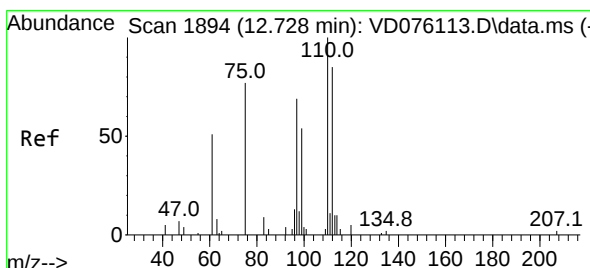
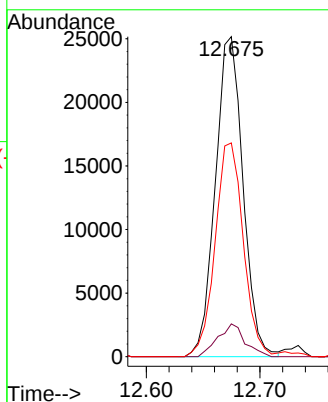
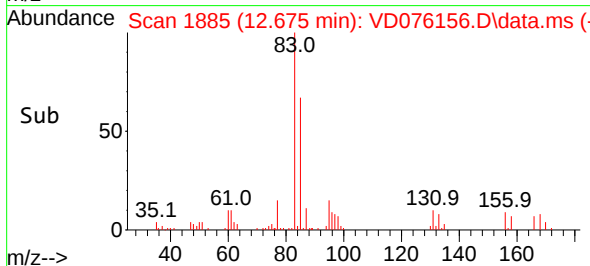
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



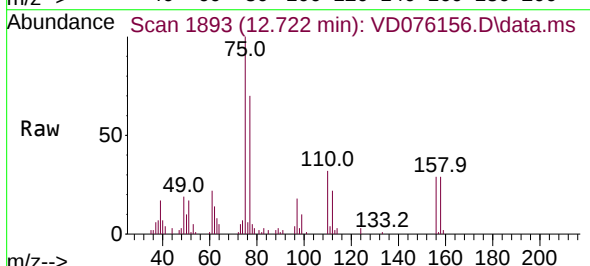
Tgt Ion: 83 Resp: 4268
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 68.0 33.6 100.6

Manual Integrations
APPROVED

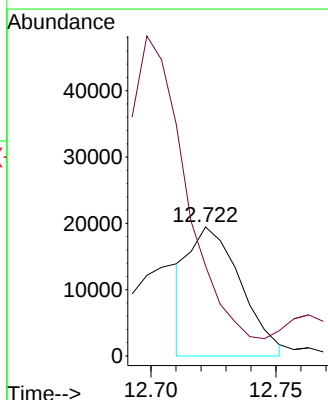
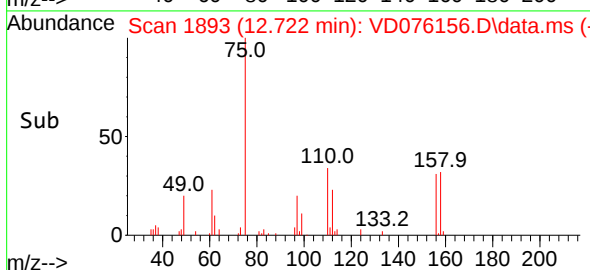
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

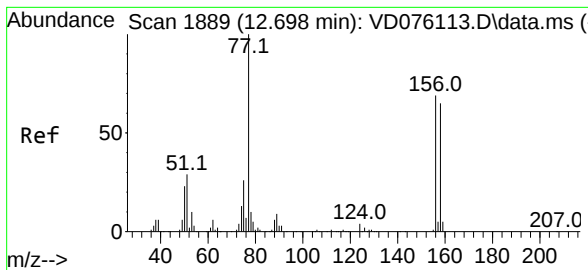


#76
1,2,3-Trichloropropane
Concen: 20.329 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



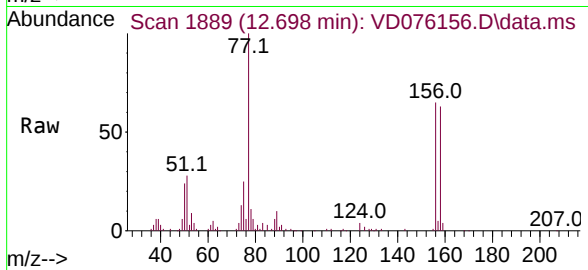
Tgt Ion: 75 Resp: 27995
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.715 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

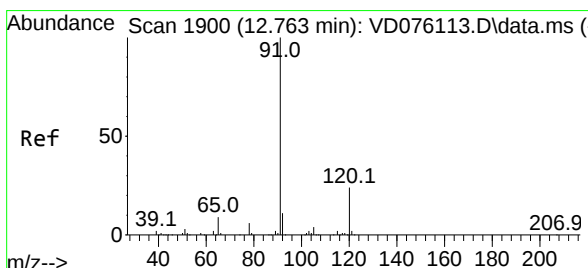
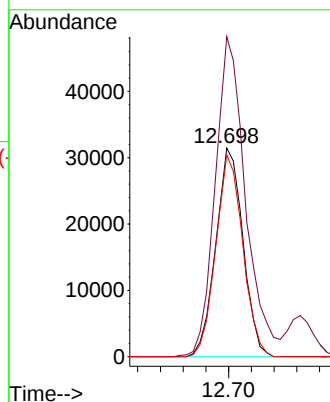
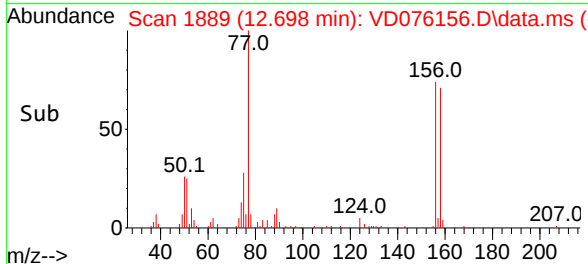
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



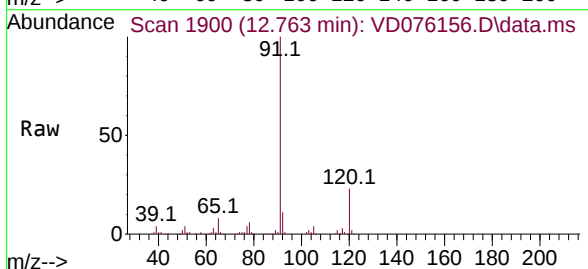
Tgt Ion:156 Resp: 52220
Ion Ratio Lower Upper
156 100
77 171.3 89.5 268.6
158 96.0 47.8 143.4

Manual Integrations
APPROVED

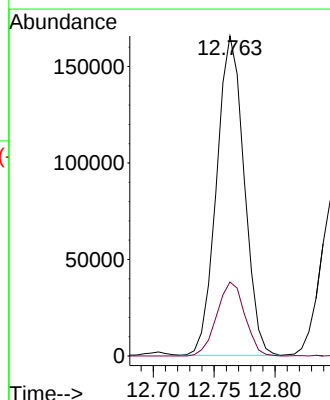
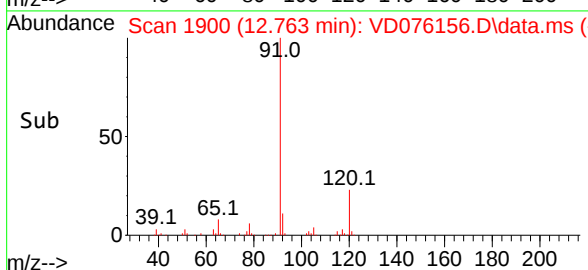
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

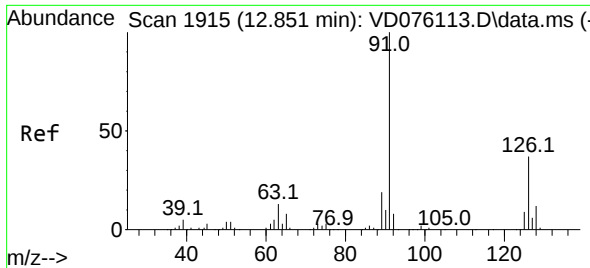


#78
n-propylbenzene
Concen: 20.111 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



Tgt Ion: 91 Resp: 260592
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2





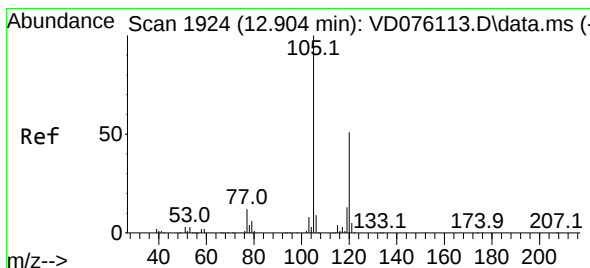
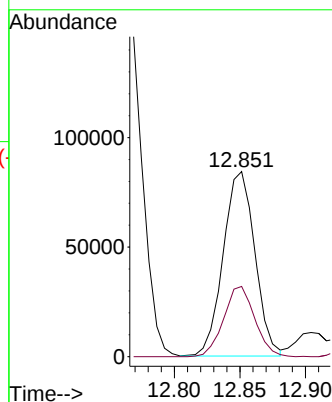
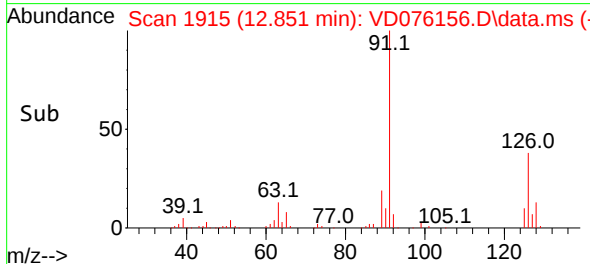
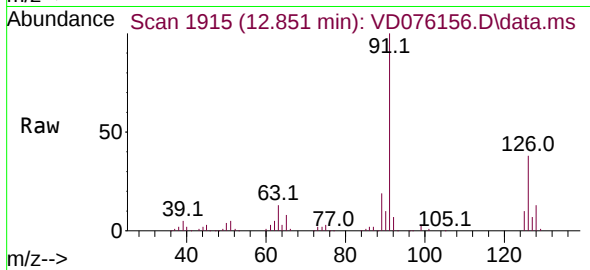
#79
2-Chlorotoluene
Concen: 19.756 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion: 91 Resp: 14168
Ion Ratio Lower Upper
91 100
126 37.4 16.8 50.3

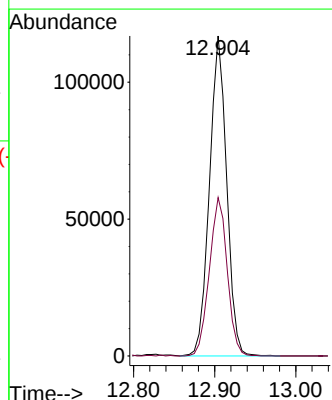
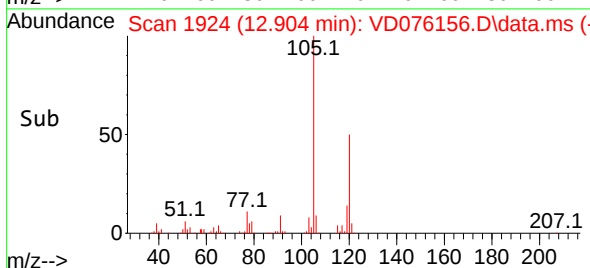
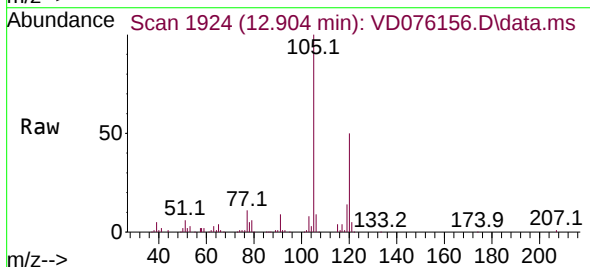
Manual Integrations
APPROVED

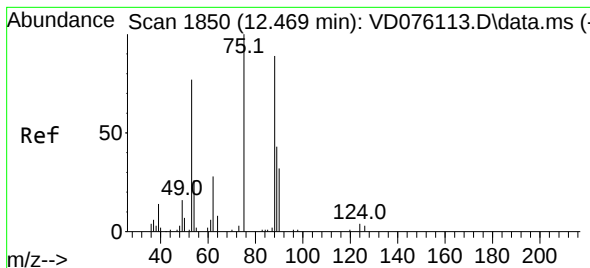
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.917 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion:105 Resp: 171885
Ion Ratio Lower Upper
105 100
120 51.4 24.3 72.8





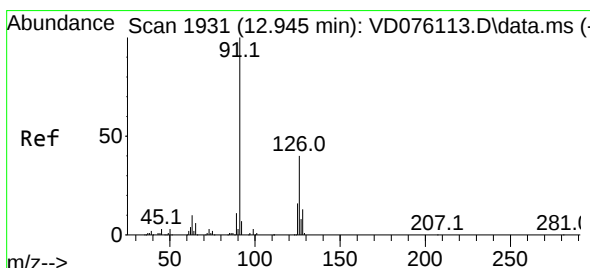
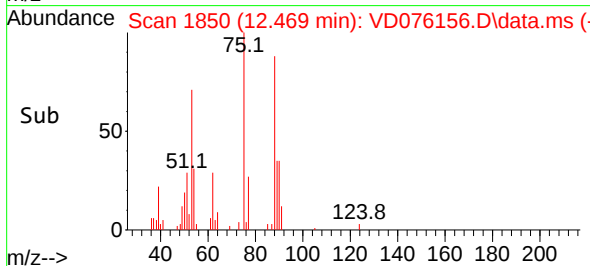
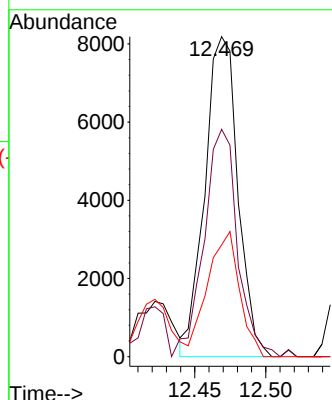
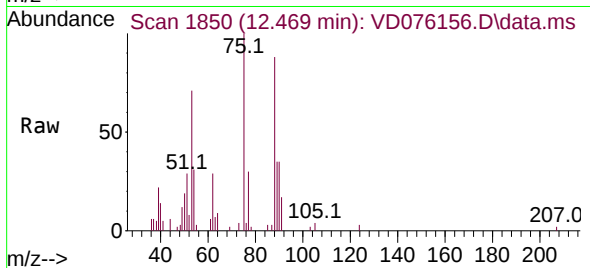
#81
trans-1,4-Dichloro-2-butene
Concen: 20.243 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02

Tgt Ion: 75 Resp: 1328
Ion Ratio Lower Upper
75 100
53 72.0 90.5 135.7
89 37.5 40.2 60.4

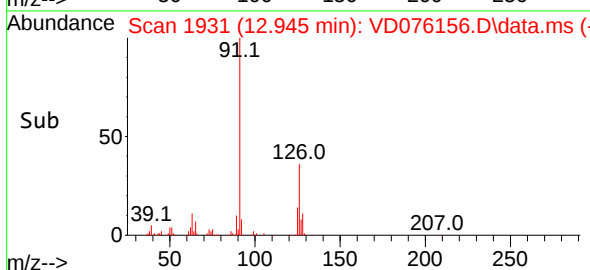
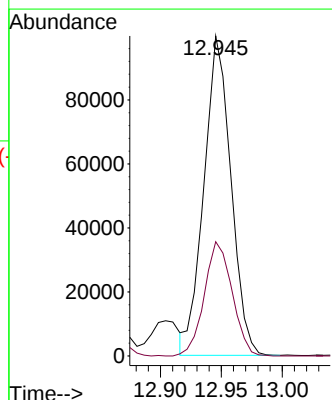
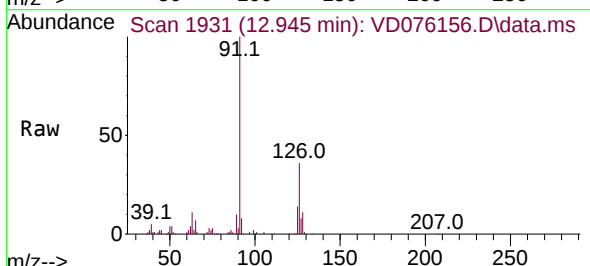
Manual Integrations
APPROVED

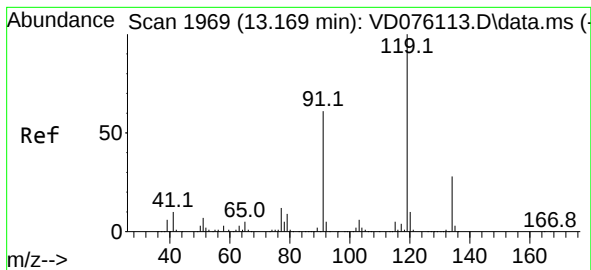
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#82
4-Chlorotoluene
Concen: 20.194 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

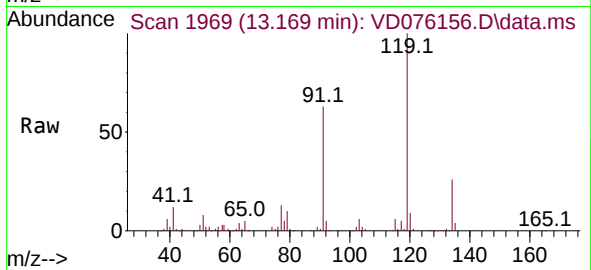
Tgt Ion: 91 Resp: 154042
Ion Ratio Lower Upper
91 100
126 36.8 17.1 51.2





#83
tert-Butylbenzene
Concen: 19.395 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

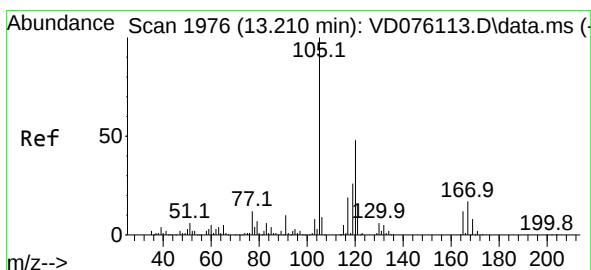
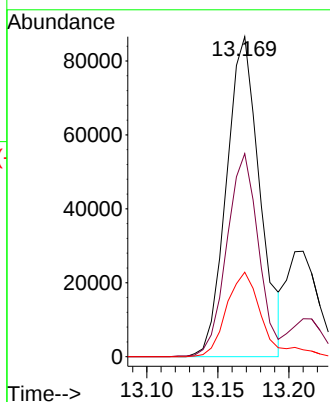
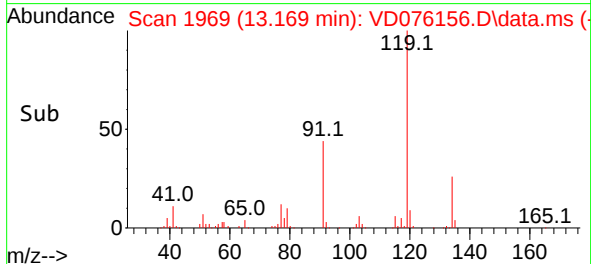
Instrument : MSVOA_D
ClientSampleId : VD0519SBS02



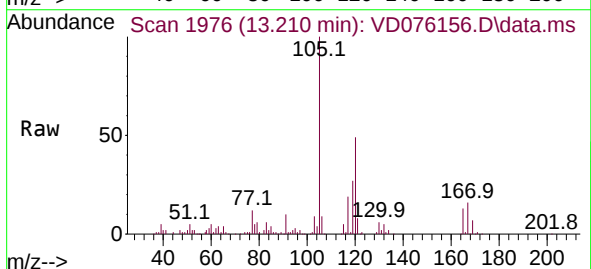
Tgt Ion:119 Resp: 141456
Ion Ratio Lower Upper
119 100
91 60.3 32.4 97.0
134 28.3 13.0 39.0

Manual Integrations
APPROVED

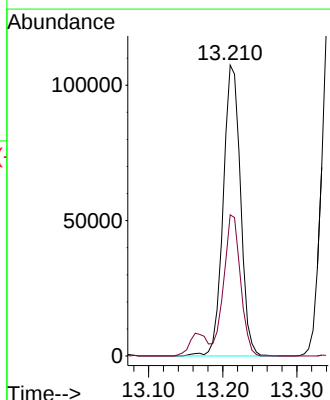
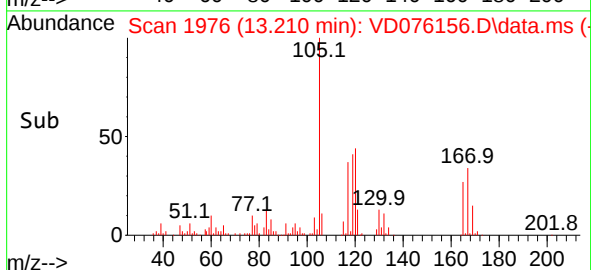
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

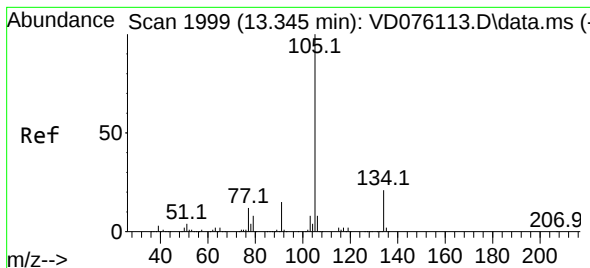


#84
1,2,4-Trimethylbenzene
Concen: 20.245 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



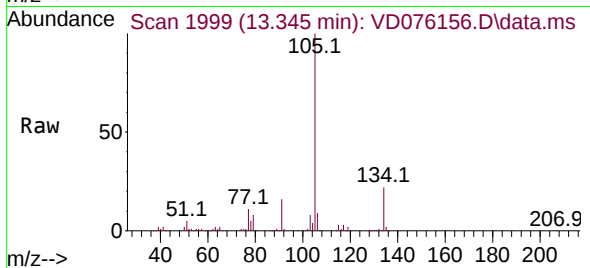
Tgt Ion:105 Resp: 173989
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.021 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42

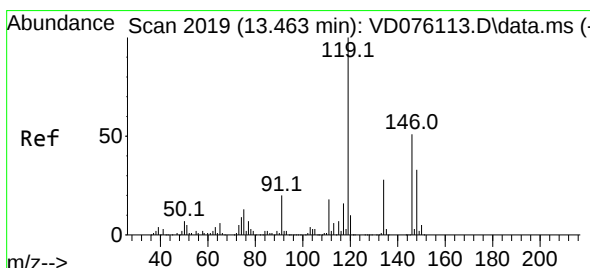
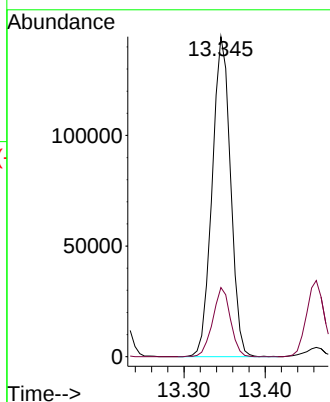
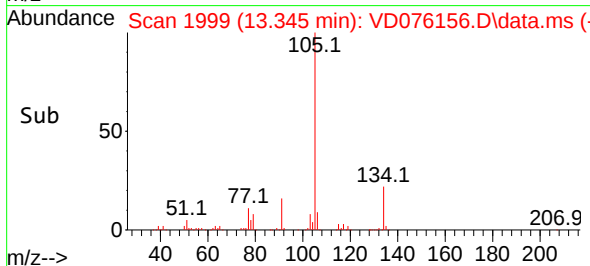
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD02



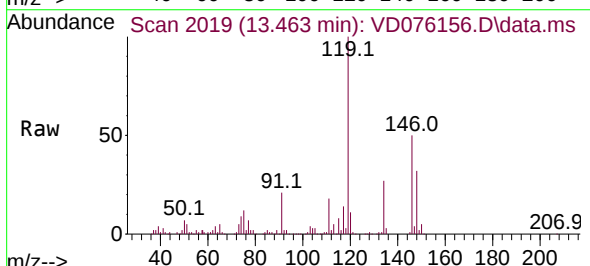
Tgt Ion:105 Resp: 22756
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7

Manual Integrations
 APPROVED

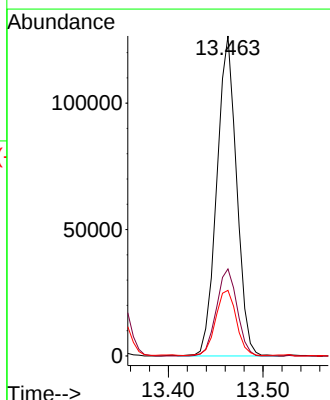
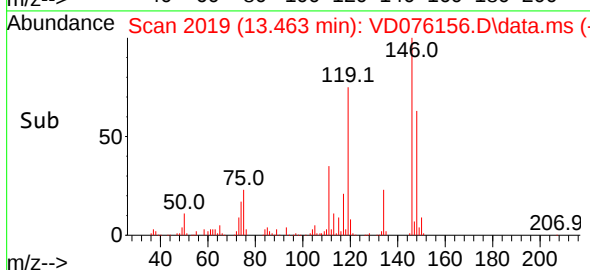
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

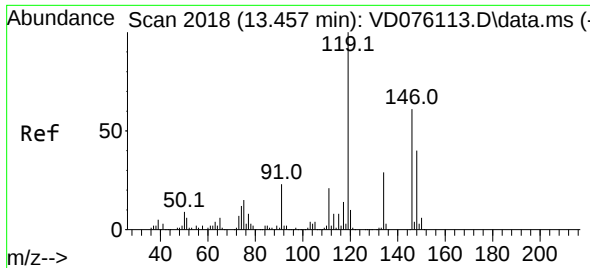


#86
 p-Isopropyltoluene
 Concen: 19.767 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076156.D
 Acq: 19 May 2023 14:42



Tgt Ion:119 Resp: 183843
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.1 39.3
 91 21.2 12.4 37.4





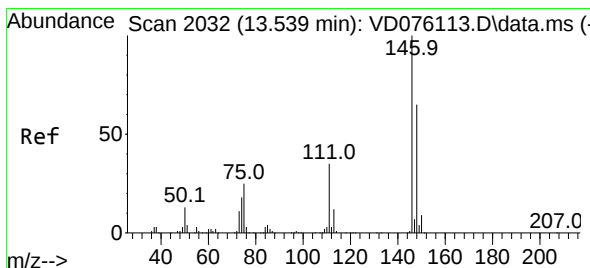
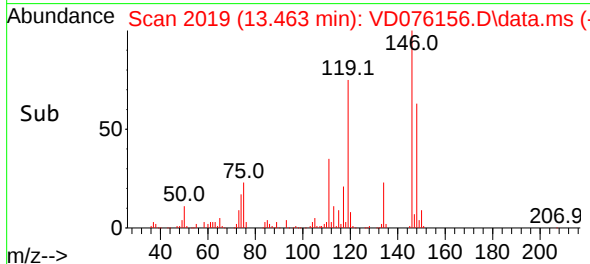
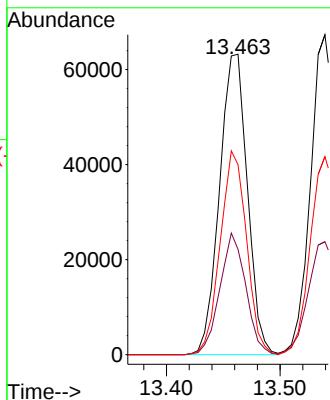
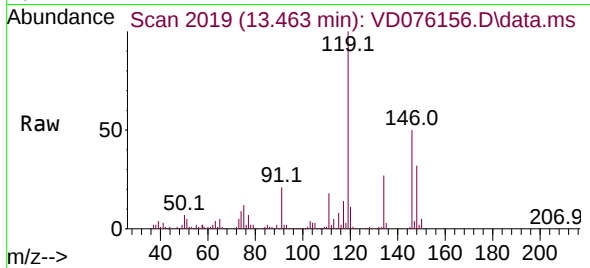
#87
1,3-Dichlorobenzene
Concen: 19.136 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion:146 Resp: 10795
Ion Ratio Lower Upper
146 100
111 37.7 19.8 59.3
148 63.9 31.0 93.0

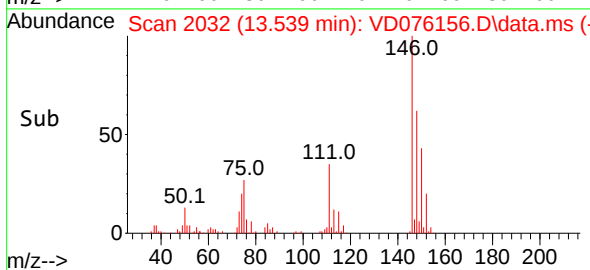
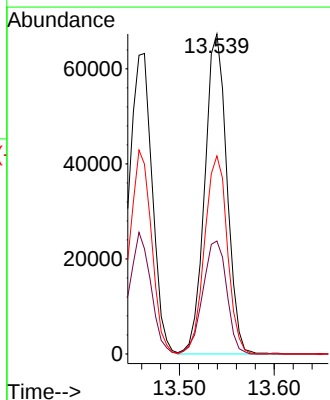
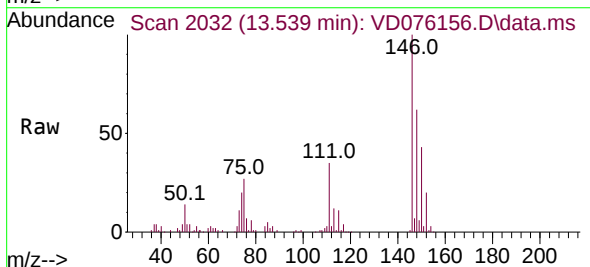
Manual Integrations
APPROVED

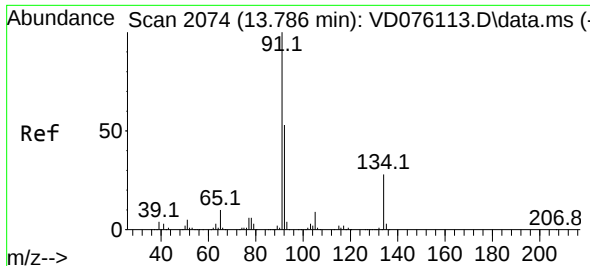
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#88
1,4-Dichlorobenzene
Concen: 19.517 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

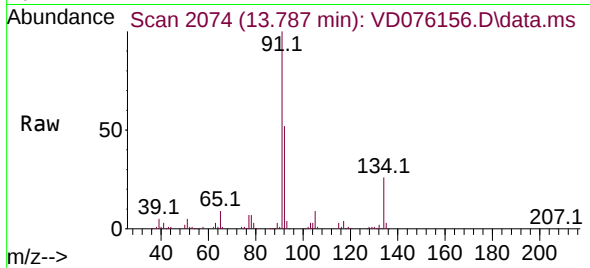
Tgt Ion:146 Resp: 109022
Ion Ratio Lower Upper
146 100
111 38.0 19.6 58.8
148 63.7 31.7 95.1





#89
n-Butylbenzene
Concen: 19.639 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

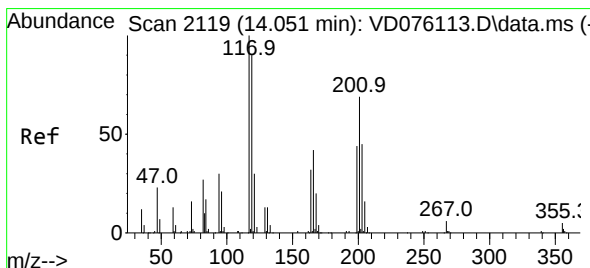
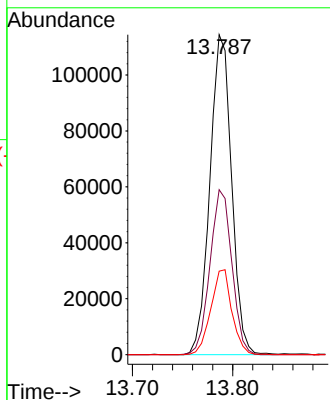
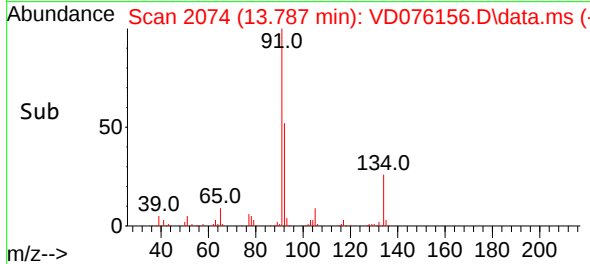
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS02



Tgt Ion: 91 Resp: 172130
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 25.8 12.7 38.0

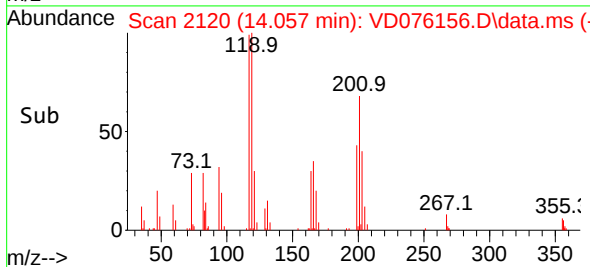
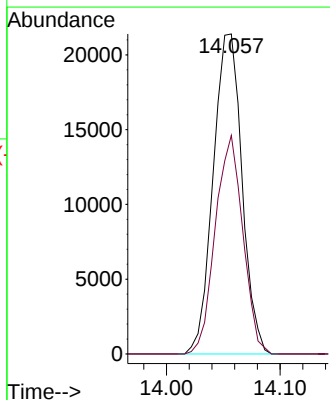
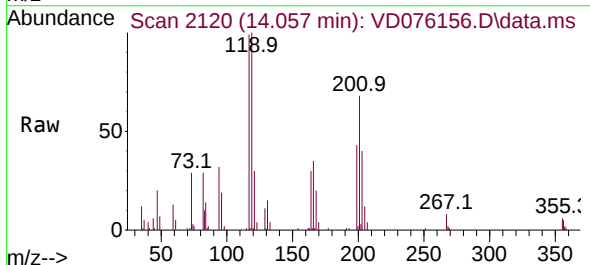
Manual Integrations
APPROVED

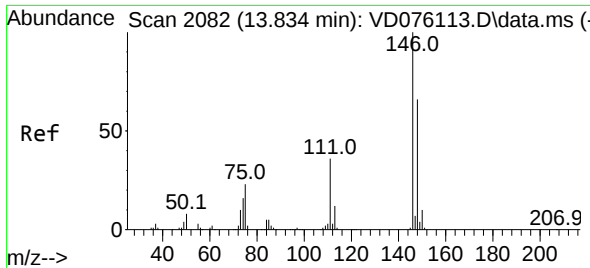
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#90
Hexachloroethane
Concen: 19.722 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Tgt Ion:117 Resp: 37730
Ion Ratio Lower Upper
117 100
201 65.2 34.5 103.6





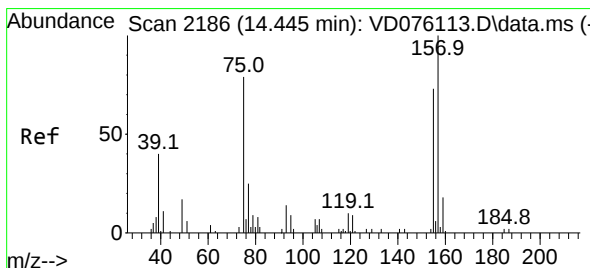
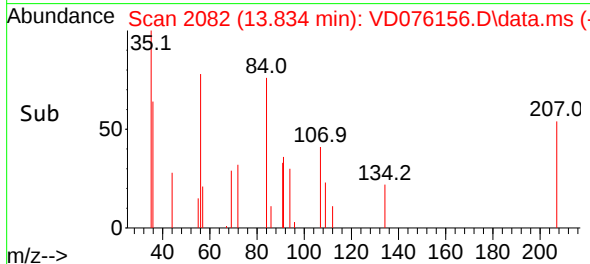
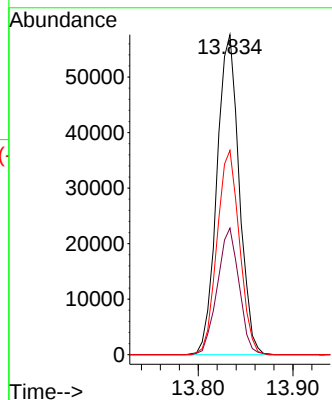
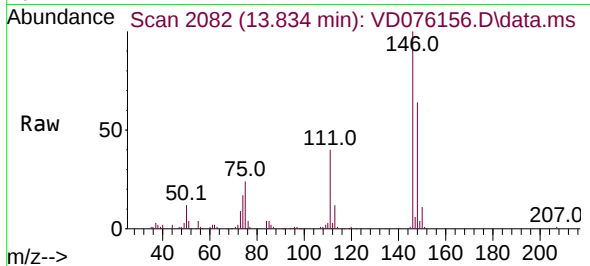
#91
1,2-Dichlorobenzene
Concen: 18.995 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02

Tgt Ion:146 Resp: 9404
Ion Ratio Lower Upper
146 100
111 38.6 20.6 61.8
148 64.3 32.0 96.2

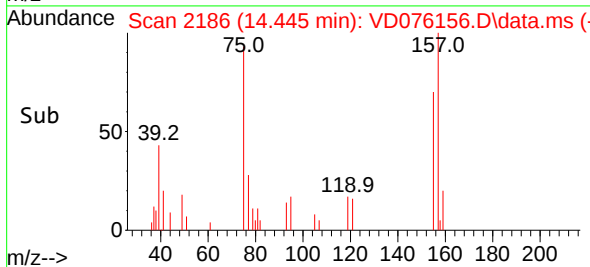
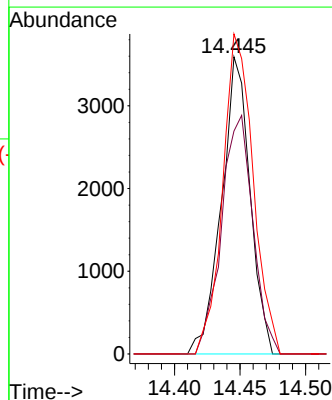
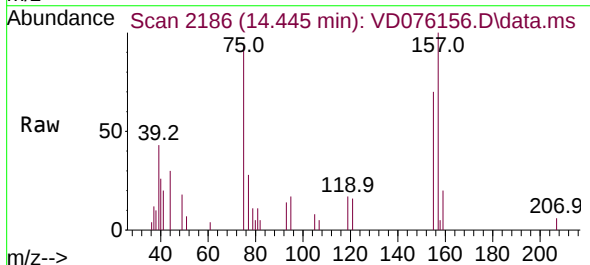
Manual Integrations
APPROVED

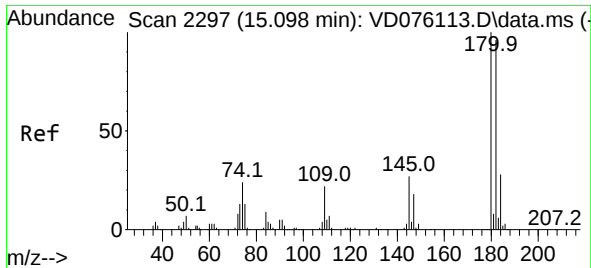
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.691 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

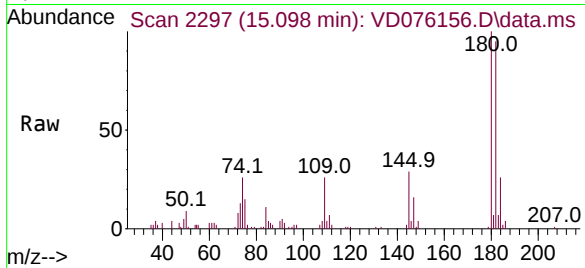
Tgt Ion: 75 Resp: 5430
Ion Ratio Lower Upper
75 100
155 88.4 39.5 118.5
157 114.9 53.5 160.7





#93
1,2,4-Trichlorobenzene
Concen: 17.192 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

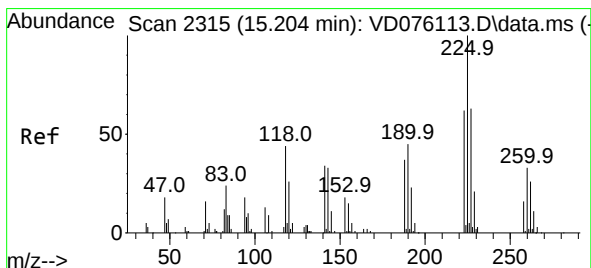
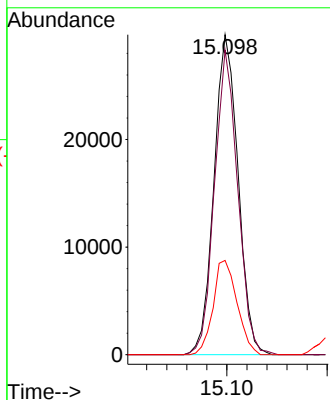
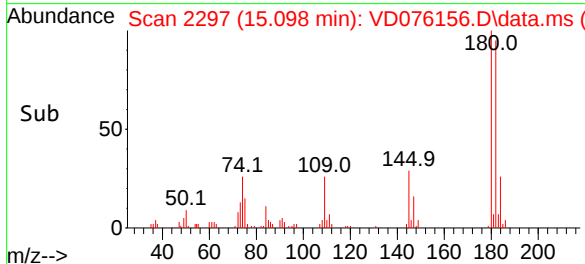
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



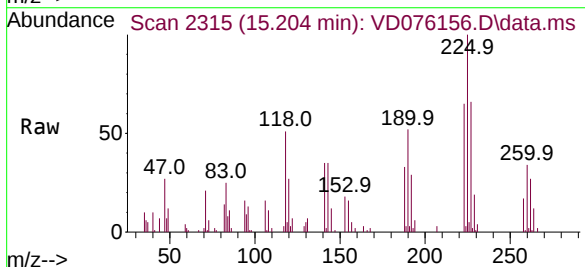
Tgt Ion:180 Resp: 49510
Ion Ratio Lower Upper
180 100
182 91.9 47.9 143.7
145 29.4 15.9 47.7

Manual Integrations
APPROVED

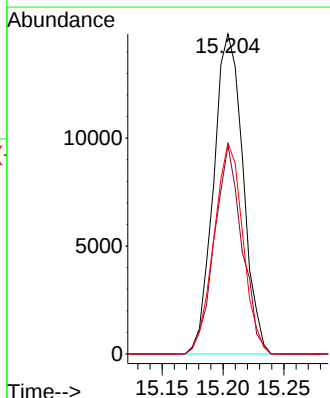
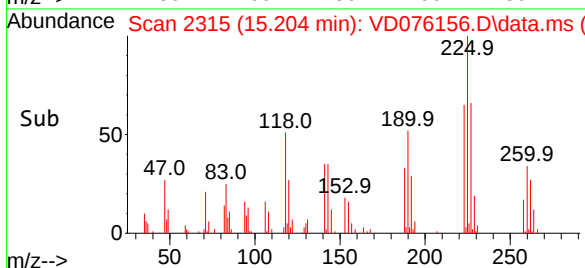
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

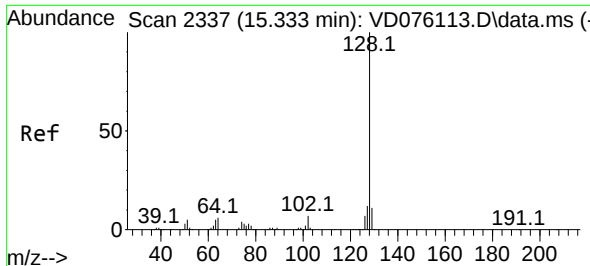


#94
Hexachlorobutadiene
Concen: 16.984 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



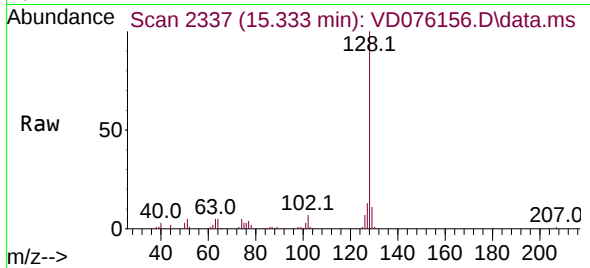
Tgt Ion:225 Resp: 24937
Ion Ratio Lower Upper
225 100
223 61.3 33.1 99.2
227 64.7 31.9 95.9





#95
Naphthalene
Concen: 17.316 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42

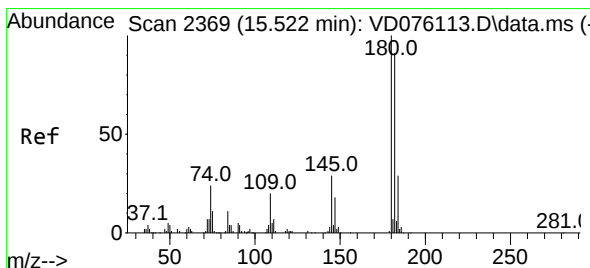
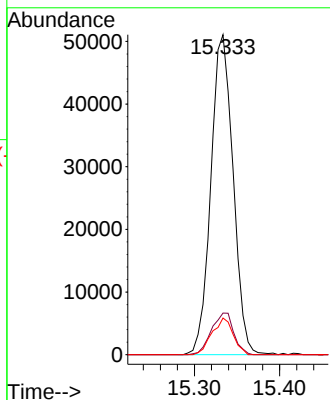
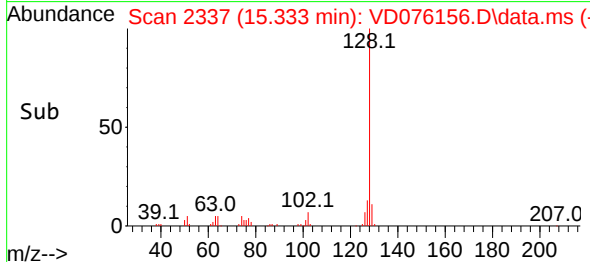
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD02



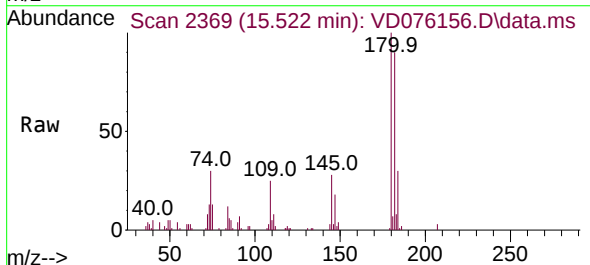
Tgt Ion:128 Resp: 92654
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.555 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076156.D
Acq: 19 May 2023 14:42



Tgt Ion:180 Resp: 43357
Ion Ratio Lower Upper
180 100
182 92.7 47.7 143.1
145 29.4 16.4 49.4

