

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075654.D
 Acq On : 13 Apr 2023 11:19
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 13 14:08:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	161459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39212	20.424	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.840%#		
35) Dibromofluoromethane	7.805	113	47263	19.988	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.980%#		
50) Toluene-d8	10.269	98	183299	19.358	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	38.720%#		
62) 4-Bromofluorobenzene	12.575	95	51156	20.325	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	40.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	40018	21.293	ug/l	99
3) Chloromethane	2.146	50	71558	21.086	ug/l	97
4) Vinyl Chloride	2.281	62	93357	20.731	ug/l	96
5) Bromomethane	2.675	94	69766	19.842	ug/l	99
6) Chloroethane	2.828	64	62982	20.773	ug/l	97
7) Trichlorofluoromethane	3.169	101	73698	21.122	ug/l	97
8) Diethyl Ether	3.593	74	21084	19.415	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.958	101	46002	21.024	ug/l	94
10) Methyl Iodide	4.158	142	60523	20.211	ug/l	91
11) Tert butyl alcohol	5.052	59	9529	98.896	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	46803	20.659	ug/l	87
13) Acrolein	3.793	56	19872	102.246	ug/l	99
14) Allyl chloride	4.558	41	40975	19.859	ug/l #	84
15) Acrylonitrile	5.252	53	40325	99.417	ug/l	95
16) Acetone	4.016	43	32549	92.541	ug/l #	83
17) Carbon Disulfide	4.264	76	150812	20.342	ug/l	96
18) Methyl Acetate	4.558	43	23309	19.652	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	85271	19.394	ug/l	96
20) Methylene Chloride	4.793	84	62175	20.093	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	55308	20.498	ug/l #	72
22) Diisopropyl ether	6.210	45	95695	20.525	ug/l #	90
23) Vinyl Acetate	6.152	43	217851	100.599	ug/l #	87
24) 1,1-Dichloroethane	6.111	63	79187	20.497	ug/l	98
25) 2-Butanone	7.081	43	43399	95.832	ug/l #	65
26) 2,2-Dichloropropane	7.081	77	70081	20.009	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	57805	19.340	ug/l	84
28) Bromochloromethane	7.428	49	25154	20.598	ug/l #	47
29) Tetrahydrofuran	7.452	42	24424	98.622	ug/l #	56
30) Chloroform	7.593	83	88445	20.195	ug/l	99
31) Cyclohexane	7.881	56	62351	20.696	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	72134	20.199	ug/l	94
36) 1,1-Dichloropropene	8.005	75	66588	20.413	ug/l	94
37) Ethyl Acetate	7.169	43	19605	19.748	ug/l #	82
38) Carbon Tetrachloride	7.993	117	59477	20.705	ug/l	91
39) Methylcyclohexane	9.275	83	76152	20.188	ug/l	89
40) Benzene	8.252	78	205089	20.224	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	8610	18.073	ug/l #	58
42) 1,2-Dichloroethane	8.322	62	45758	19.865	ug/l	87
43) Isopropyl Acetate	8.357	43	36391	20.103	ug/l #	79
44) Trichloroethene	9.028	130	56690	19.753	ug/l	99
45) 1,2-Dichloropropane	9.304	63	45795	20.152	ug/l #	87
46) Dibromomethane	9.399	93	28711	19.915	ug/l	97
47) Bromodichloromethane	9.587	83	64788	19.646	ug/l	97
48) Methyl methacrylate	9.381	41	15862	19.667	ug/l #	56
49) 1,4-Dioxane	9.387	88	5895	412.135	ug/l #	65
51) 4-Methyl-2-Pentanone	10.157	43	91647	94.952	ug/l #	81
52) Toluene	10.334	92	128713	19.088	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	59380	18.784	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	72965	19.426	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	39620	18.980	ug/l	91
56) Ethyl methacrylate	10.604	69	38230	18.610	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	60605	19.124	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	89246	101.158	ug/l #	86
59) 2-Hexanone	10.922	43	64220	94.630	ug/l	76
60) Dibromochloromethane	11.075	129	45969	18.820	ug/l	99
61) 1,2-Dibromoethane	11.181	107	38149	19.158	ug/l	98
64) Tetrachloroethene	10.810	164	45388	19.266	ug/l	96
65) Chlorobenzene	11.610	112	139310	19.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	48633	20.190	ug/l	95
67) Ethyl Benzene	11.687	91	230627	20.282	ug/l	95
68) m/p-Xylenes	11.793	106	190883	40.961	ug/l	93
69) o-Xylene	12.122	106	85658	20.328	ug/l	91
70) Styrene	12.134	104	147103	19.296	ug/l	94
71) Bromoform	12.304	173	25103	19.937	ug/l #	96
73) Isopropylbenzene	12.422	105	216849	20.464	ug/l	99
74) N-amyl acetate	12.234	43	30686	19.707	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.675	83	41754	20.284	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	29351m	25.048	ug/l	
77) Bromobenzene	12.704	156	52845	19.344	ug/l	93
78) n-propylbenzene	12.763	91	268851	20.698	ug/l	96
79) 2-Chlorotoluene	12.851	91	149725	20.324	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	183079	20.725	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	12574	20.698	ug/l #	72
82) 4-Chlorotoluene	12.951	91	161296	21.056	ug/l	96
83) tert-Butylbenzene	13.169	119	149469	20.067	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	184973	20.867	ug/l	97
85) sec-Butylbenzene	13.345	105	238453	20.751	ug/l	98
86) p-Isopropyltoluene	13.463	119	194755	20.359	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	111647	19.645	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	111954	19.940	ug/l	98
89) n-Butylbenzene	13.792	91	183496	20.824	ug/l	98
90) Hexachloroethane	14.057	117	38212	20.105	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	94914	19.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5562	20.156	ug/l	88
93) 1,2,4-Trichlorobenzene	15.104	180	51054	18.026	ug/l	98
94) Hexachlorobutadiene	15.204	225	25872	19.111	ug/l	95
95) Naphthalene	15.334	128	94705	17.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	45575	18.282	ug/l	99

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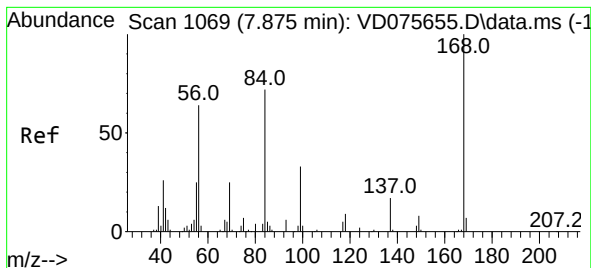
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:07:05 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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:168 Resp: 20226

Ion Ratio Lower Upper

168 100

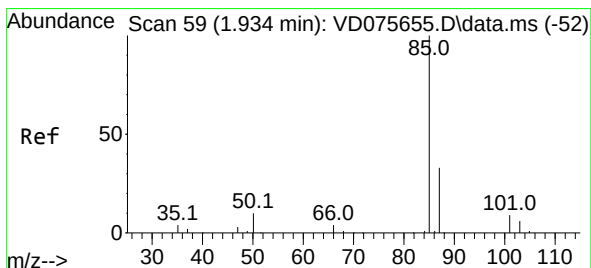
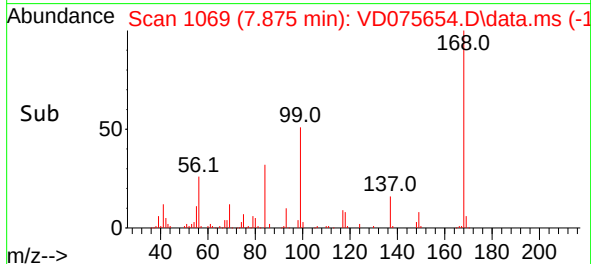
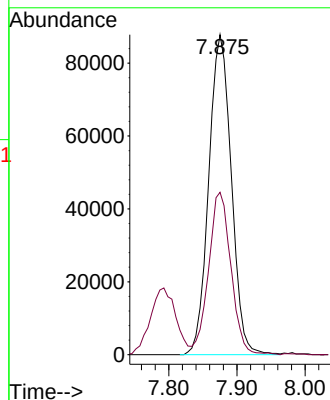
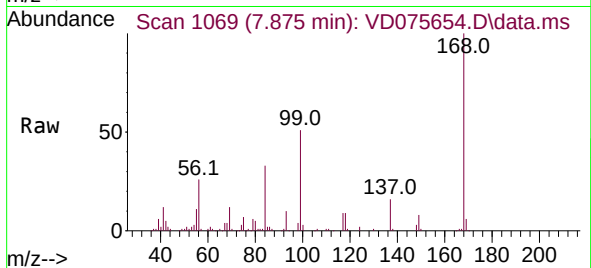
99 50.8 43.8 65.6

Manual Integrations

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Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#2

Dichlorodifluoromethane

Concen: 21.293 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075654.D

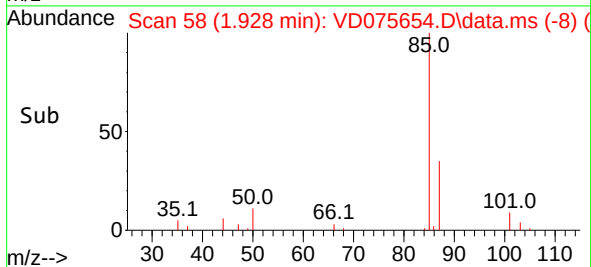
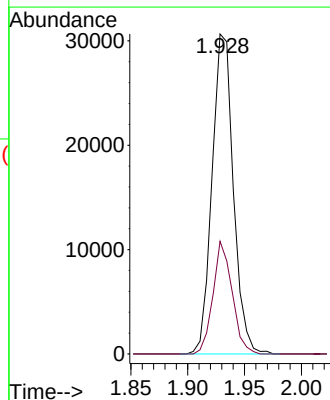
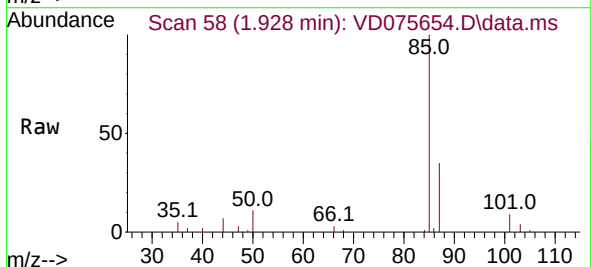
Acq: 13 Apr 2023 11:19

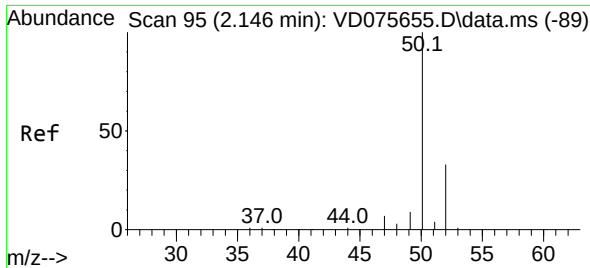
Tgt Ion: 85 Resp: 40018

Ion Ratio Lower Upper

85 100

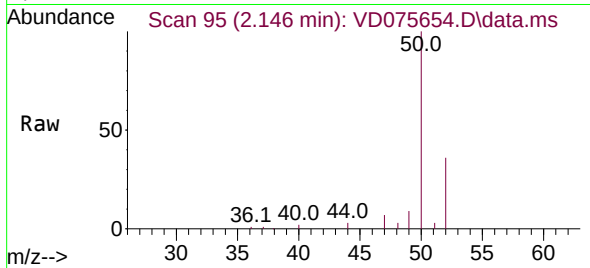
87 35.2 17.3 51.7





#3
Chloromethane
Concen: 21.086 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

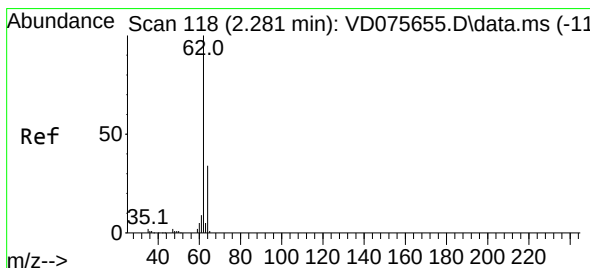
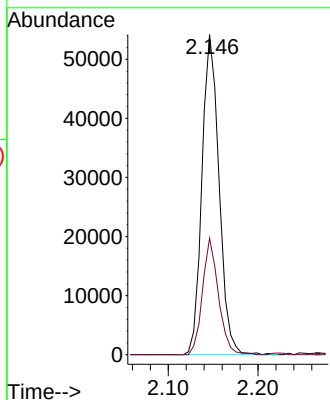
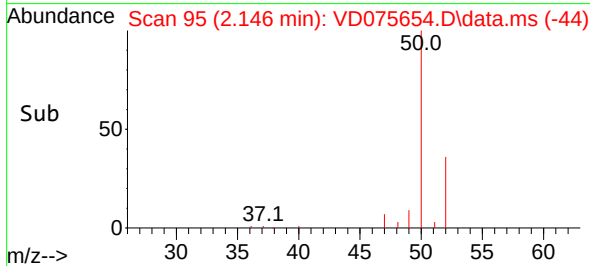
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



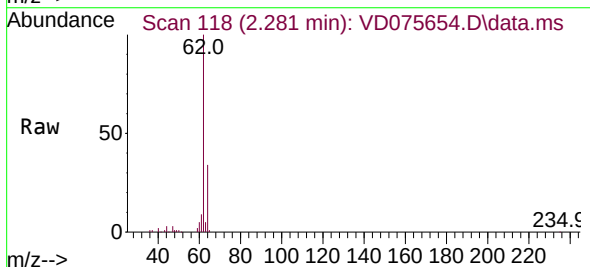
Tgt Ion: 50 Resp: 71558
Ion Ratio Lower Upper
50 100
52 36.4 27.8 41.8

Manual Integrations
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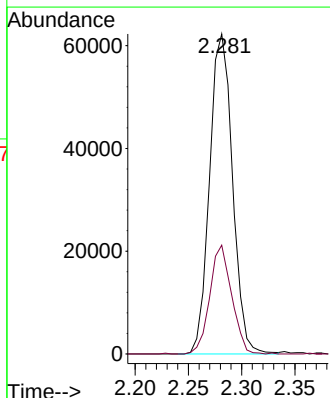
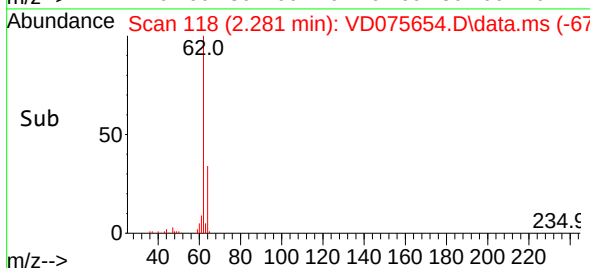
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

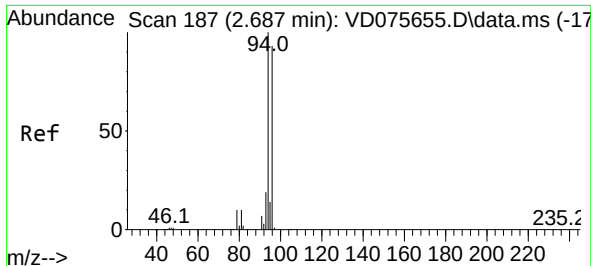


#4
Vinyl Chloride
Concen: 20.731 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19



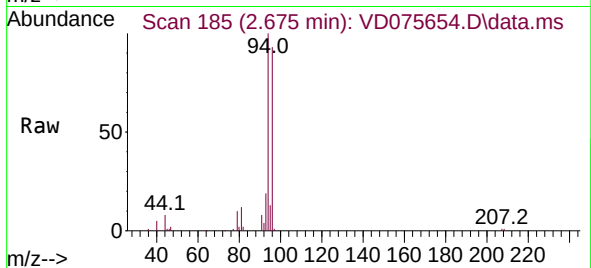
Tgt Ion: 62 Resp: 93357
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0





#5
Bromomethane
Concen: 19.842 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.012 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

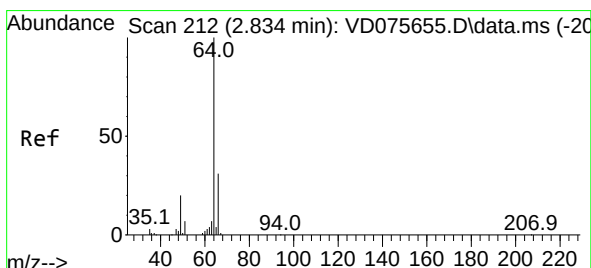
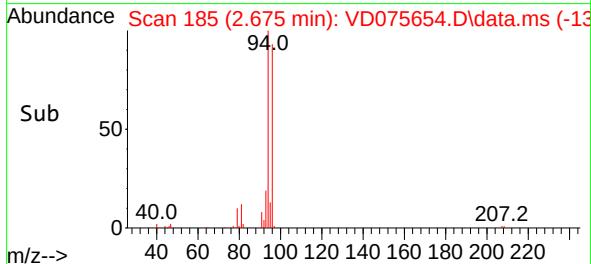
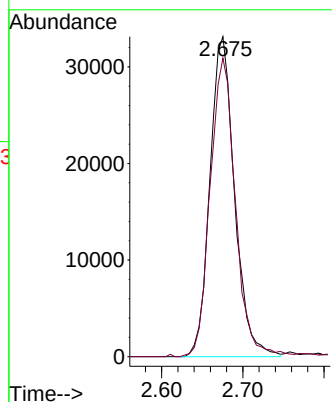
Instrument :
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Tgt Ion: 94 Resp: 69760
Ion Ratio Lower Upper
94 100
96 95.8 77.5 116.3

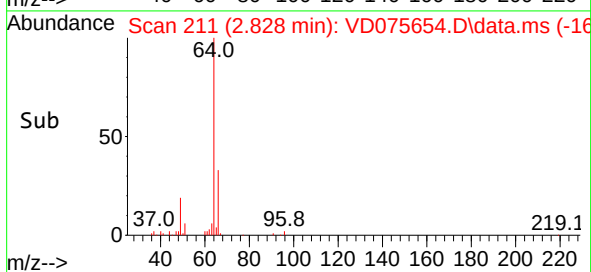
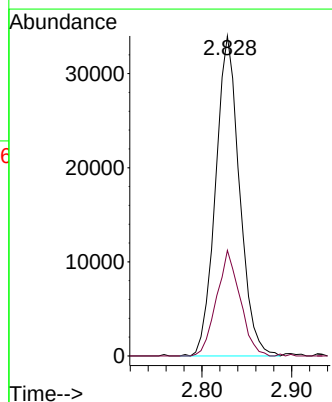
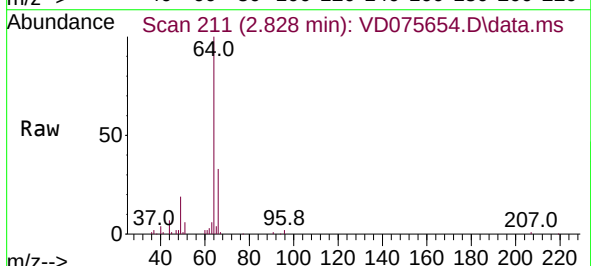
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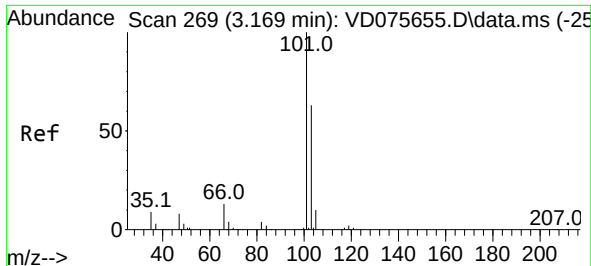
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#6
Chloroethane
Concen: 20.773 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

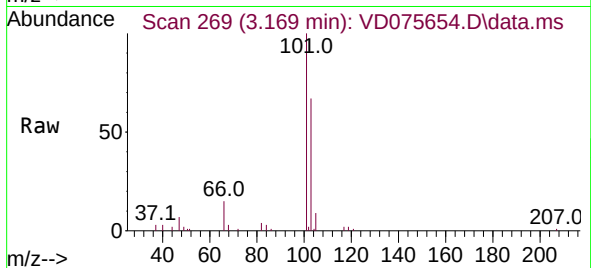
Tgt Ion: 64 Resp: 62982
Ion Ratio Lower Upper
64 100
66 33.0 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 21.122 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19

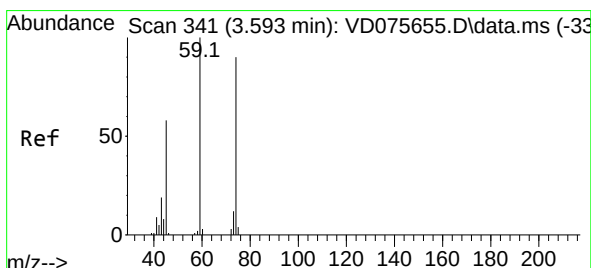
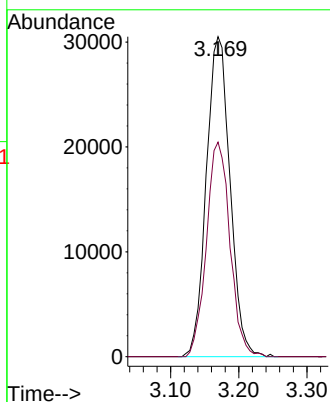
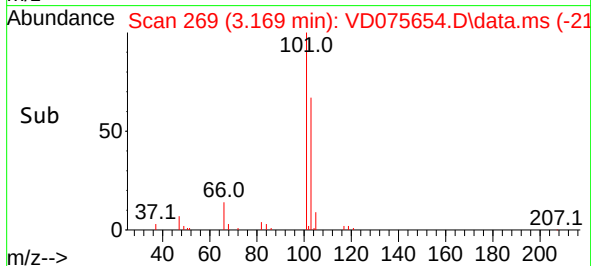
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion: 101 Resp: 73698
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.9 77.9

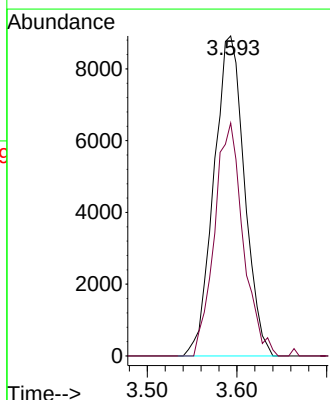
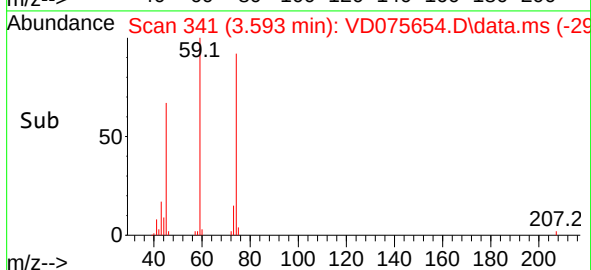
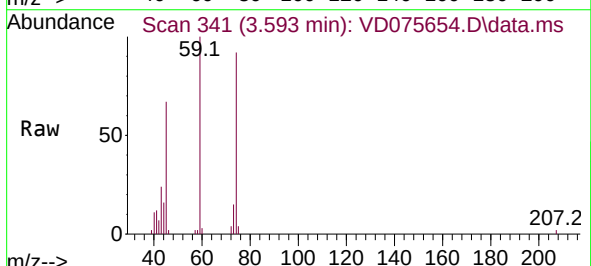
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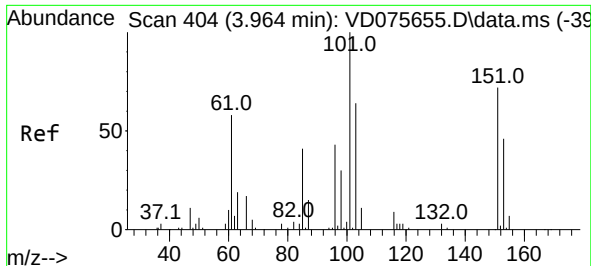
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#8
 Diethyl Ether
 Concen: 19.415 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19

Tgt Ion: 74 Resp: 21084
 Ion Ratio Lower Upper
 74 100
 45 68.4 50.9 152.7





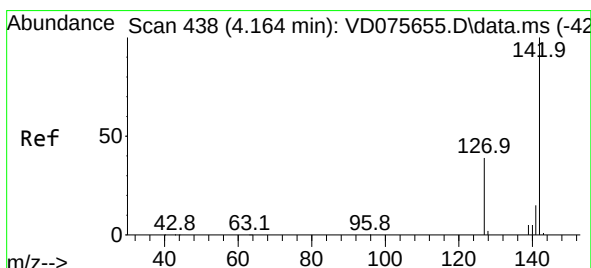
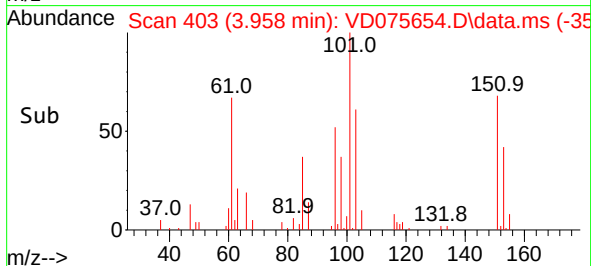
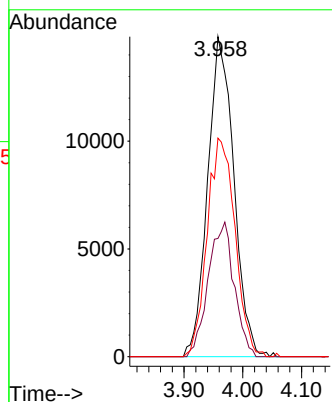
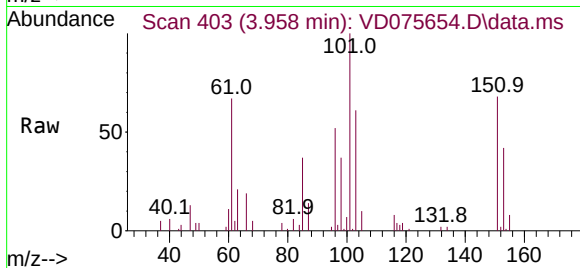
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1,1,2-Trichlorotrifluoroethane
Concen: 21.024 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 4600
Ion Ratio Lower Upper
101 100
85 41.6 38.3 57.5
151 72.6 60.4 90.6

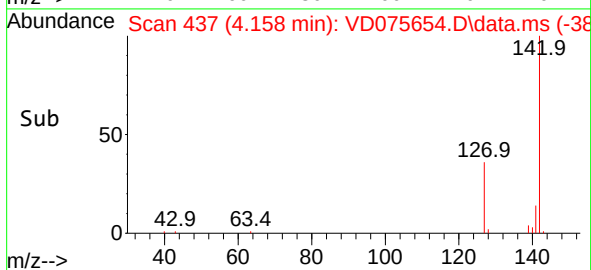
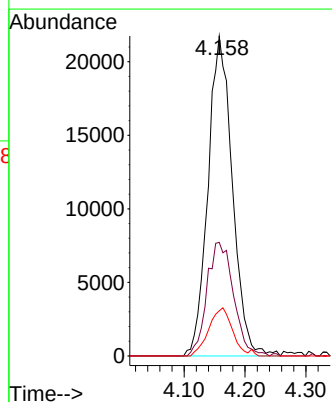
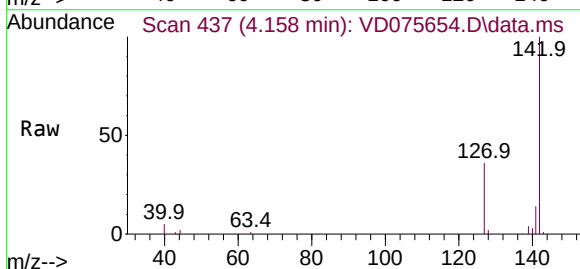
Manual Integrations
APPROVED

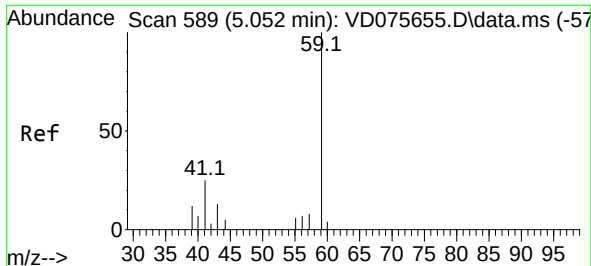
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#10
Methyl Iodide
Concen: 20.211 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion:142 Resp: 60523
Ion Ratio Lower Upper
142 100
127 38.6 37.1 55.7
141 14.8 11.3 16.9





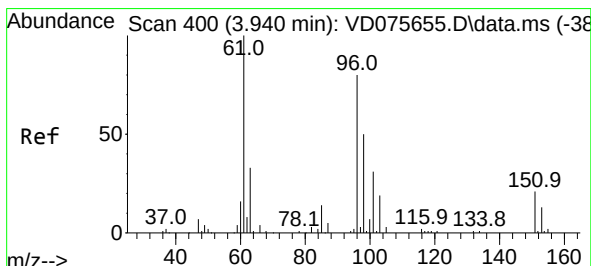
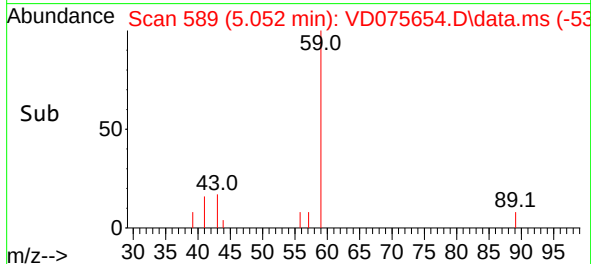
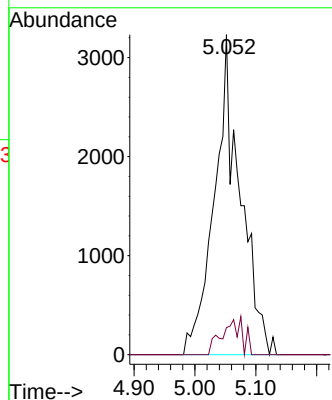
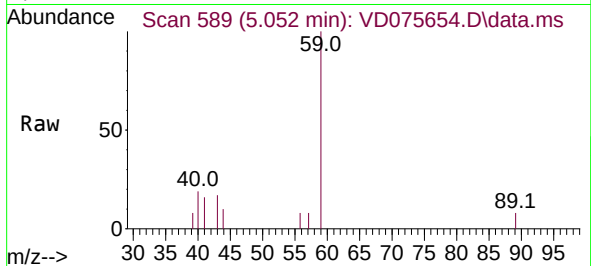
#11
Tert butyl alcohol
Concen: 98.896 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 9529
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

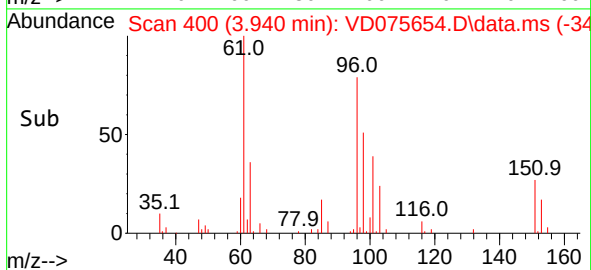
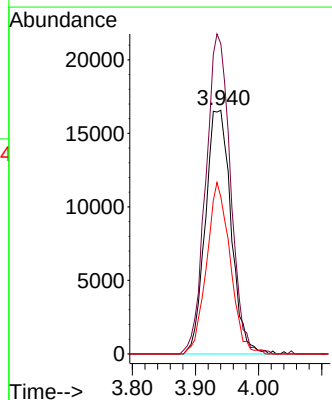
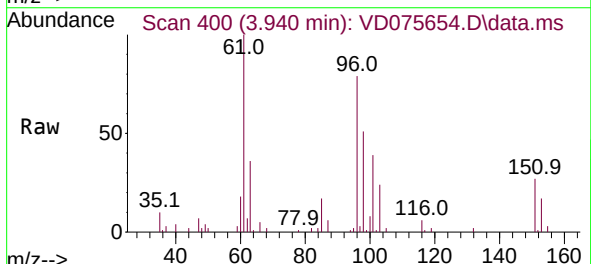
Manual Integrations
APPROVED

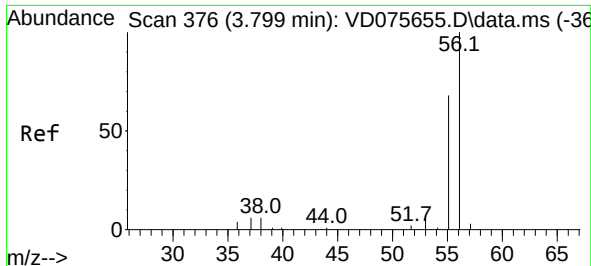
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1-Dichloroethene
Concen: 20.659 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 96 Resp: 46803
Ion Ratio Lower Upper
96 100
61 127.3 118.6 177.8
98 64.4 49.7 74.5





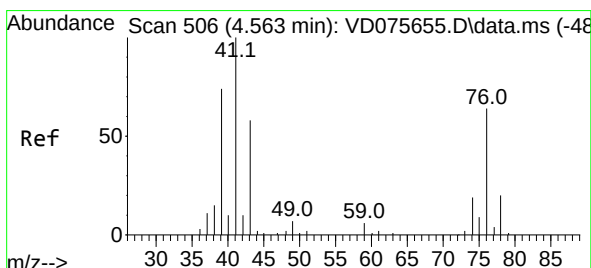
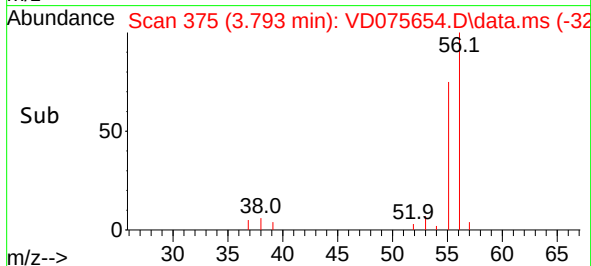
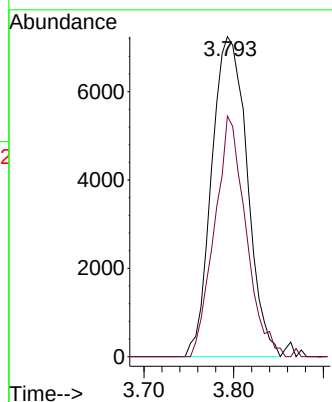
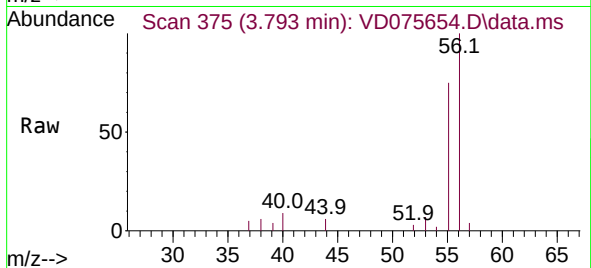
#13
Acrolein
Concen: 102.246 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 1987
Ion Ratio Lower Upper
56 100
55 66.4 53.9 80.9

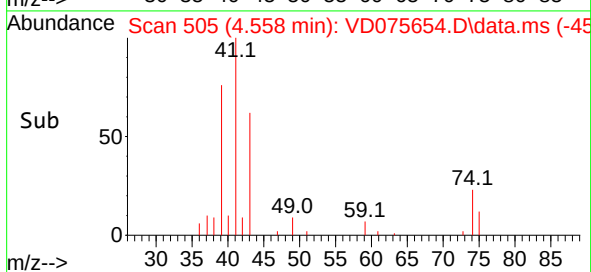
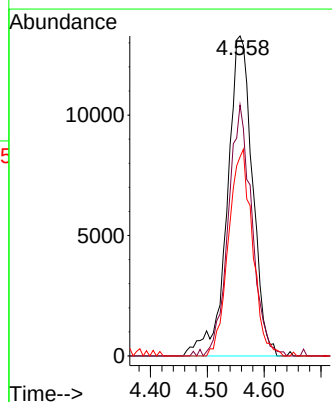
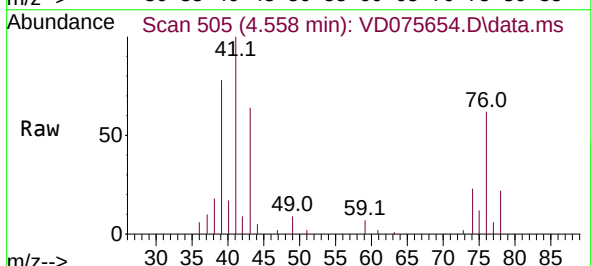
Manual Integrations
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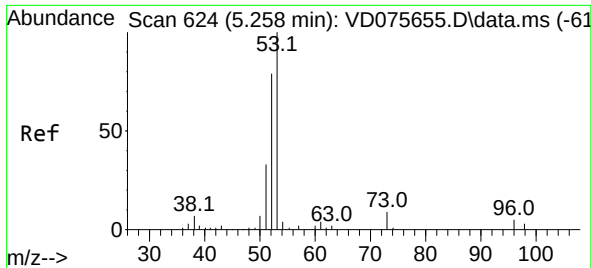
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Allyl chloride
Concen: 19.859 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 41 Resp: 40975
Ion Ratio Lower Upper
41 100
39 73.4 60.6 90.8
76 61.5 28.6 43.0#





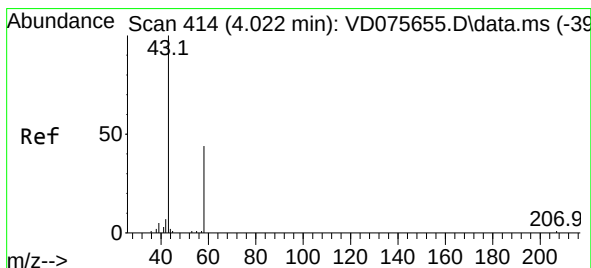
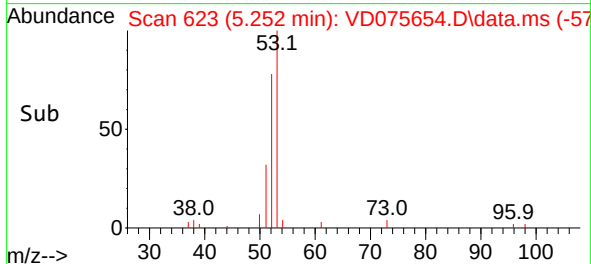
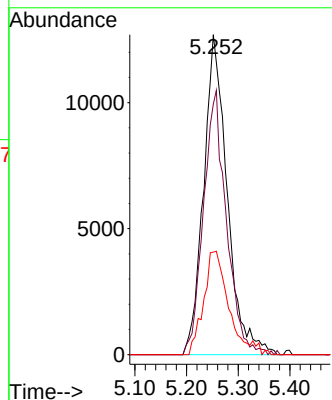
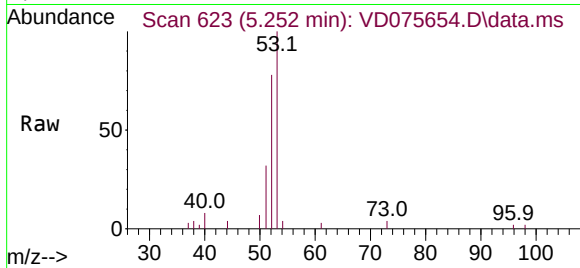
#15
Acrylonitrile
Concen: 99.417 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 40325
Ion Ratio Lower Upper
53 100
52 80.2 66.2 99.4
51 33.0 30.7 46.1

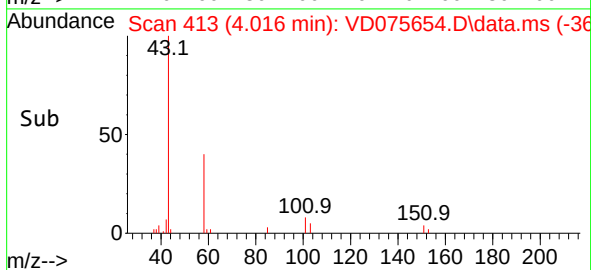
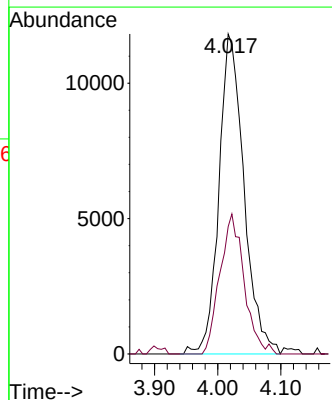
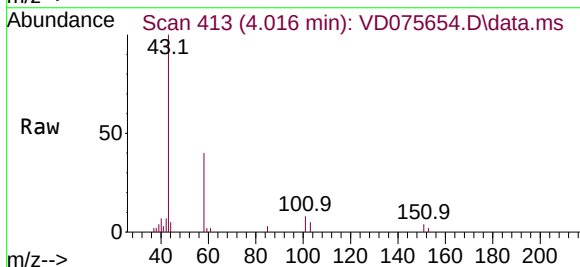
Manual Integrations
APPROVED

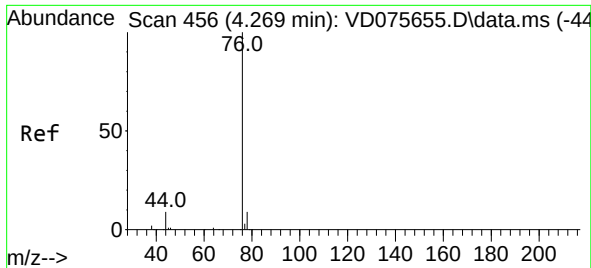
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
Acetone
Concen: 92.541 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

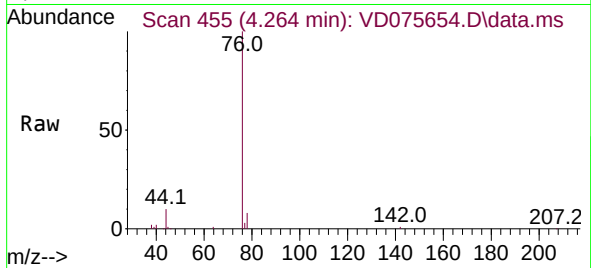
Tgt Ion: 43 Resp: 32549
Ion Ratio Lower Upper
43 100
58 39.8 24.4 36.6#





#17
Carbon Disulfide
Concen: 20.342 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

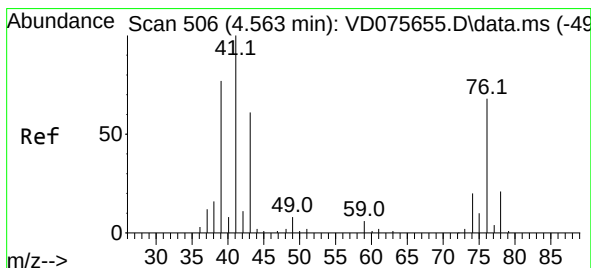
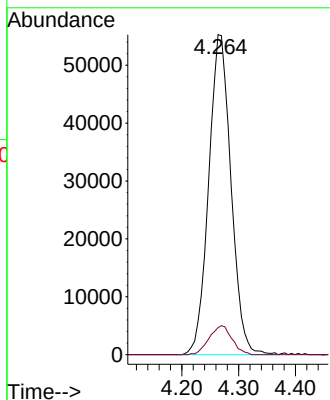
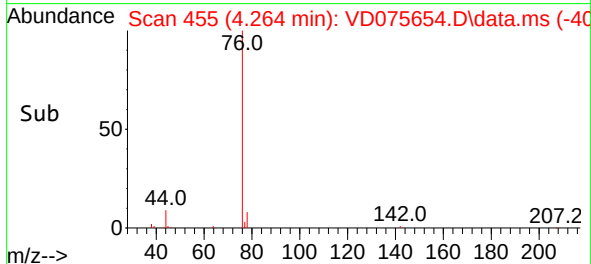
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 150812
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0

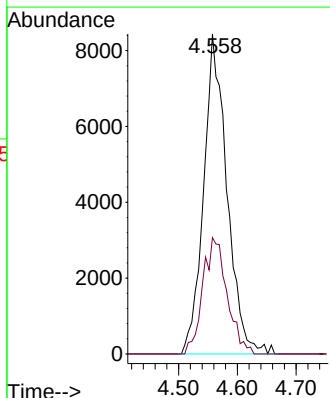
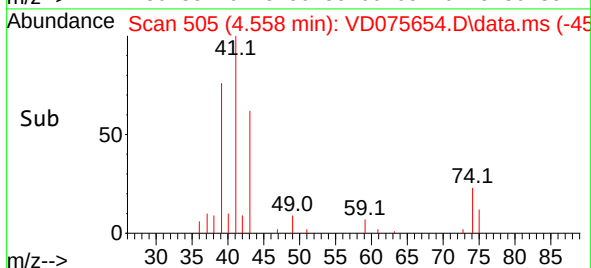
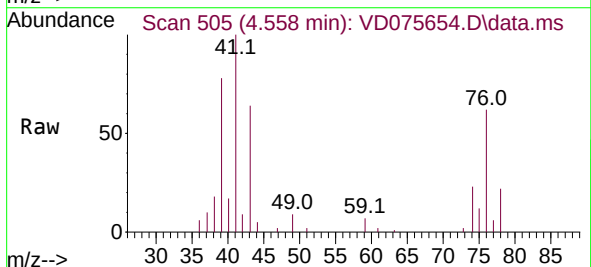
Manual Integrations
APPROVED

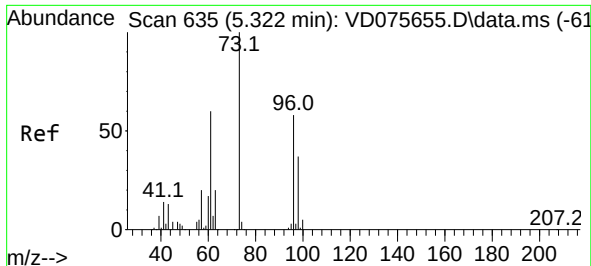
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
Methyl Acetate
Concen: 19.652 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 43 Resp: 23309
Ion Ratio Lower Upper
43 100
74 37.9 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.394 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 8527

Ion Ratio Lower Upper

73 100

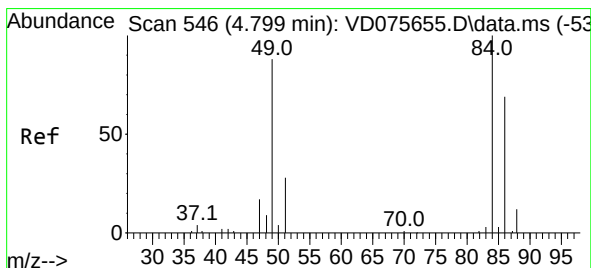
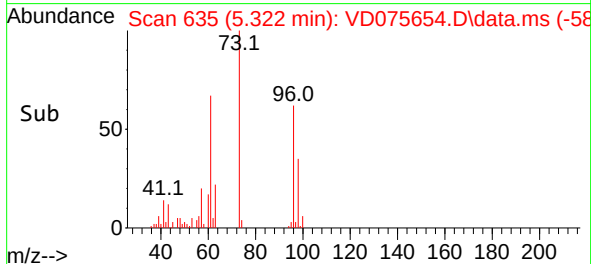
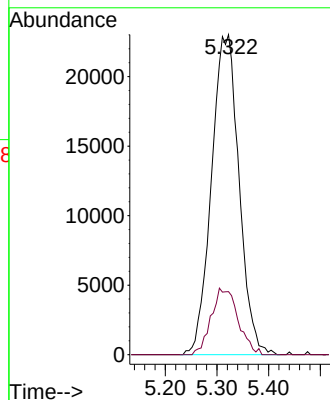
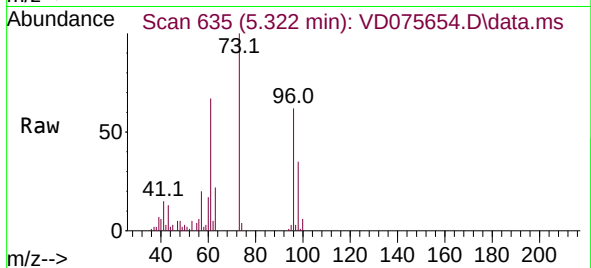
57 19.7 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#20

Methylene Chloride

Concen: 20.093 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion: 84 Resp: 62175

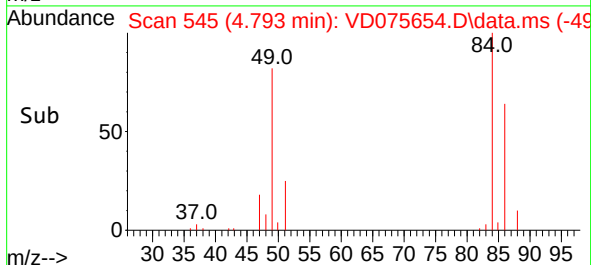
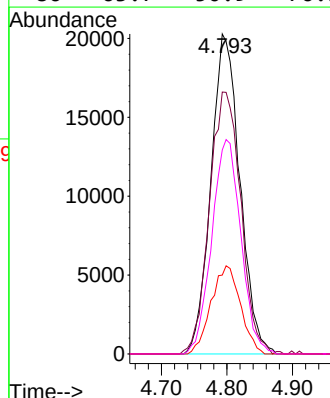
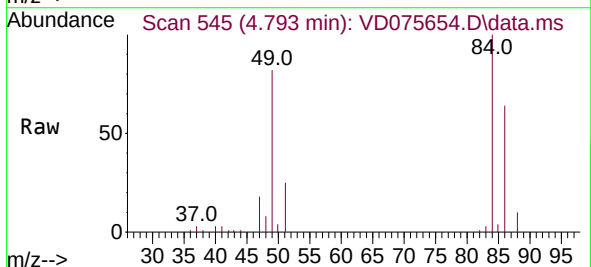
Ion Ratio Lower Upper

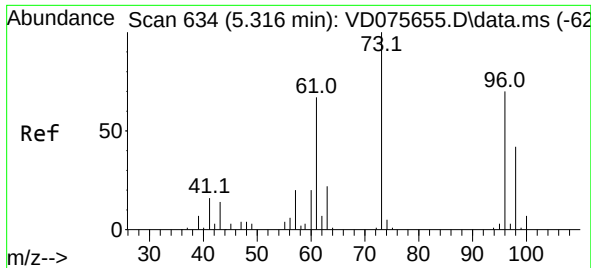
84 100

49 81.9 106.4 159.6#

51 24.7 32.4 48.6#

86 63.7 50.9 76.3





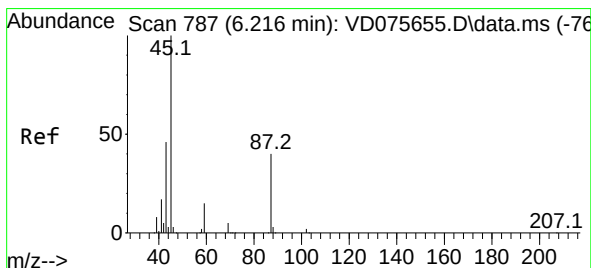
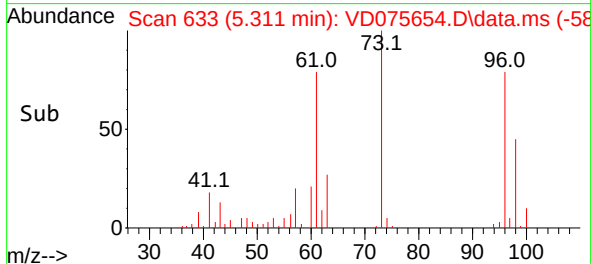
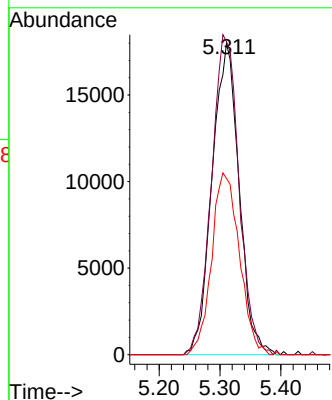
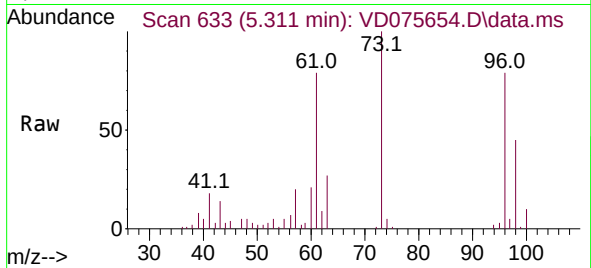
#21
trans-1,2-Dichloroethene
Concen: 20.498 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 55308
Ion Ratio Lower Upper
96 100
61 100.7 117.2 175.8
98 56.7 50.6 76.0

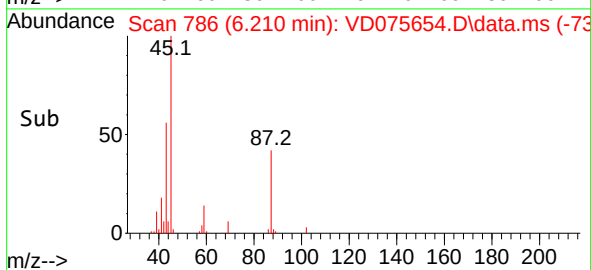
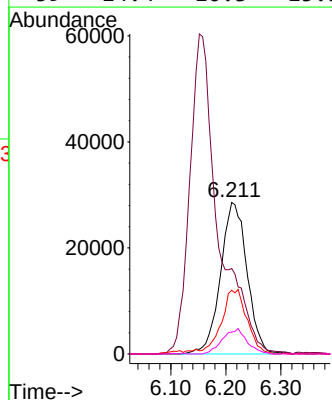
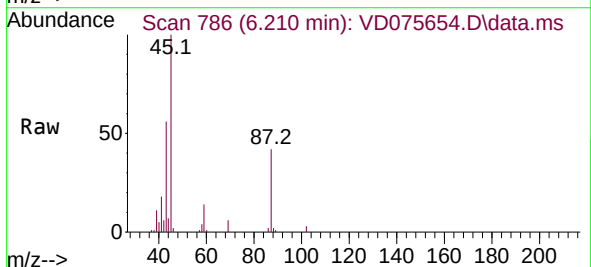
Manual Integrations
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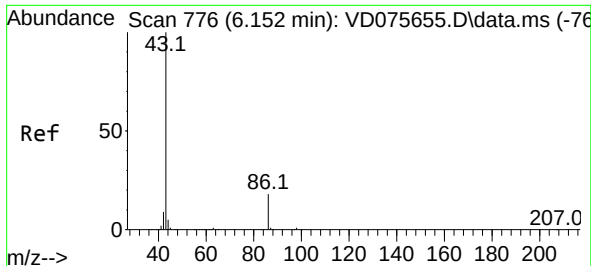
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#22
Diisopropyl ether
Concen: 20.525 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

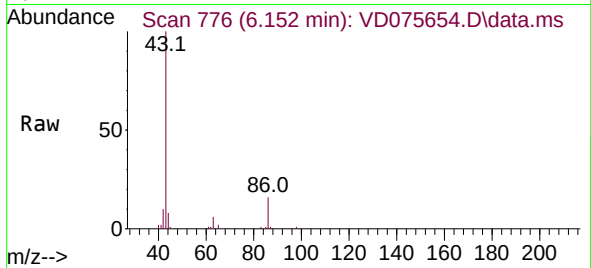
Tgt Ion: 45 Resp: 95695
Ion Ratio Lower Upper
45 100
43 54.8 44.4 66.6
87 42.0 20.9 31.3
59 14.4 10.3 15.5





#23
 Vinyl Acetate
 Concen: 100.599 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19

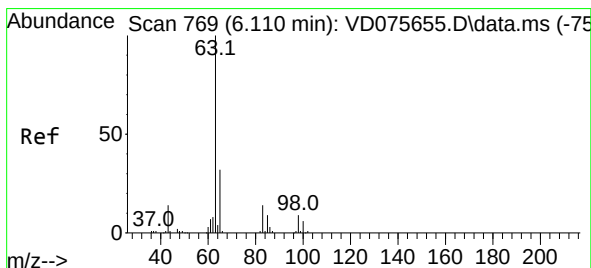
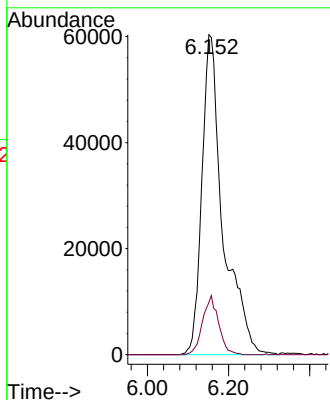
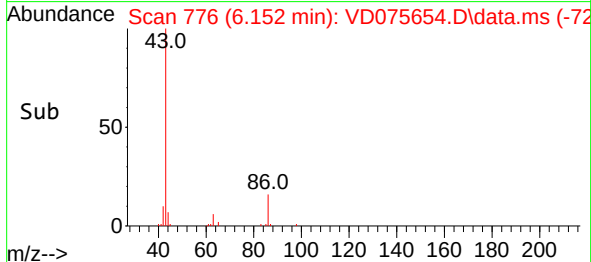
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



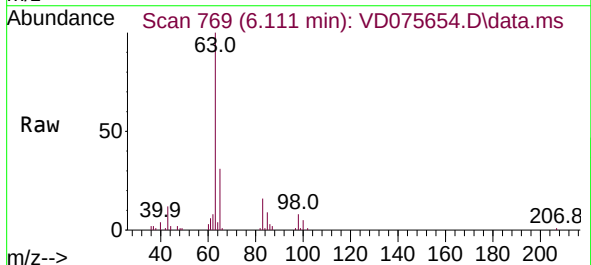
Tgt Ion: 43 Resp: 21785
 Ion Ratio Lower Upper
 43 100
 86 16.4 9.0 13.6

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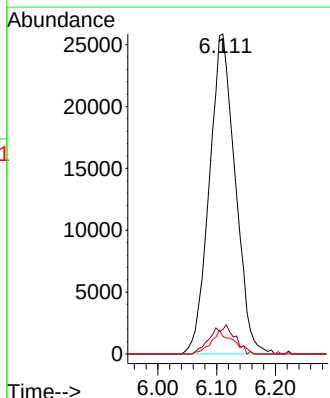
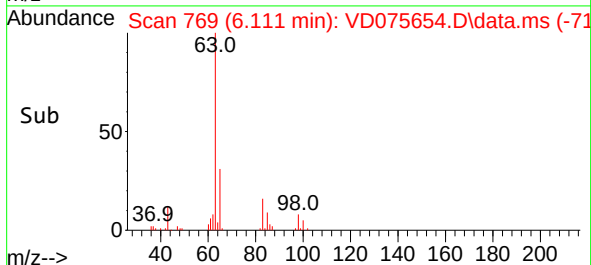
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

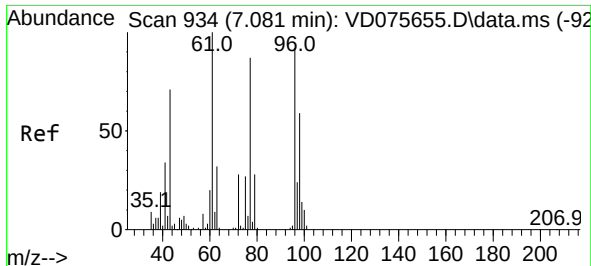


#24
 1,1-Dichloroethane
 Concen: 20.497 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19



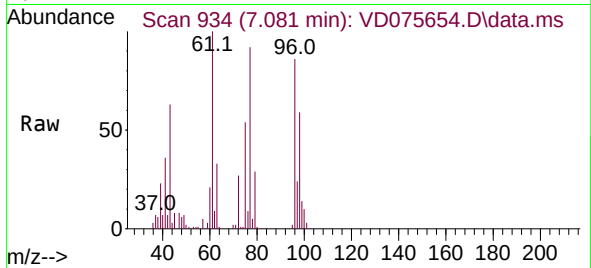
Tgt Ion: 63 Resp: 79187
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.5 2.0 6.0





#25
2-Butanone
Concen: 95.832 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

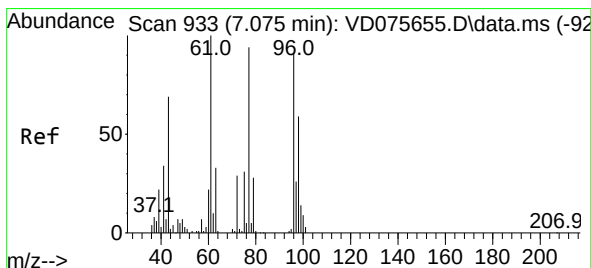
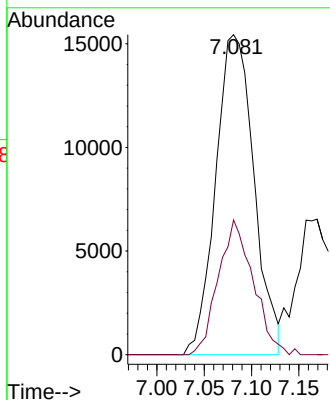
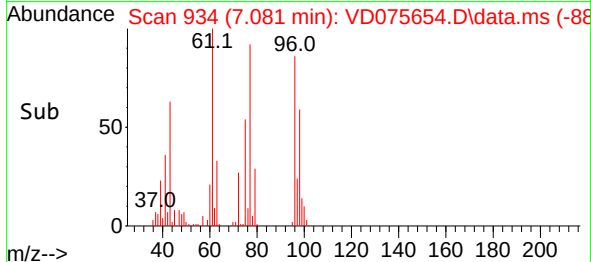
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



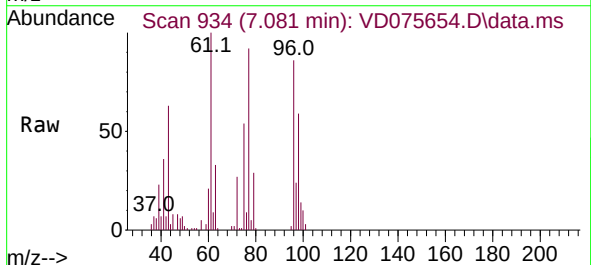
Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
72 42.1 19.8 29.8

Manual Integrations
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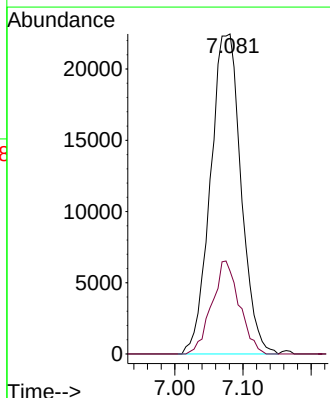
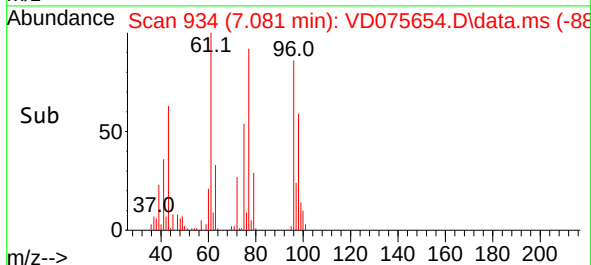
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

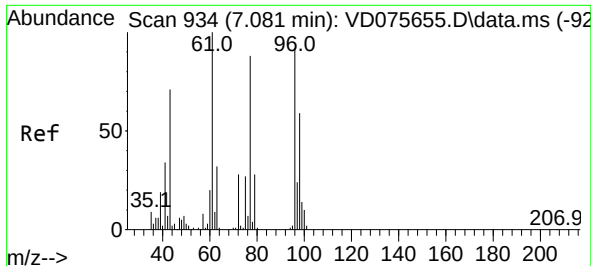


#26
2,2-Dichloropropane
Concen: 20.009 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19



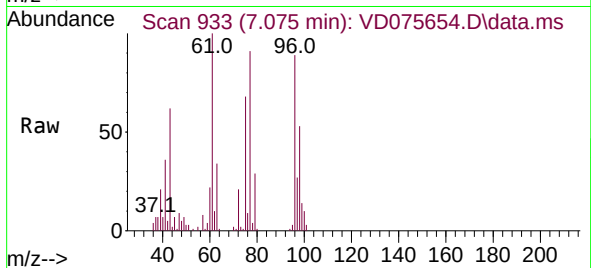
Tgt Ion: 77 Resp: 70081
Ion Ratio Lower Upper
77 100
97 26.1 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 19.340 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

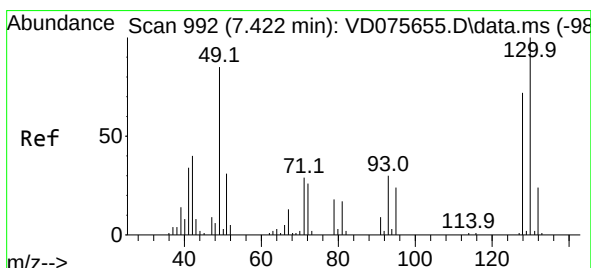
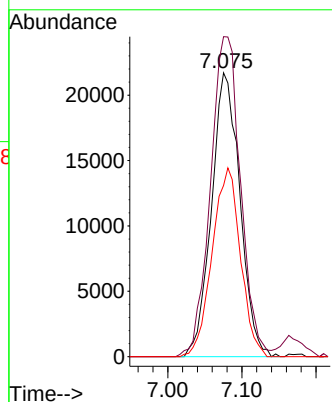
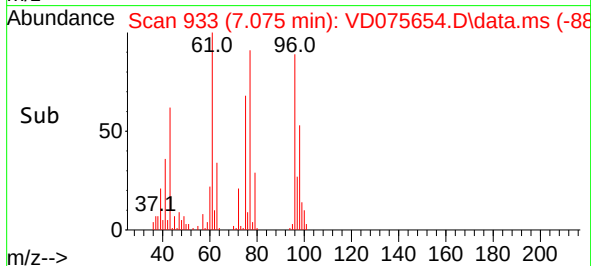
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 5780
Ion Ratio Lower Upper
96 100
61 119.6 0.0 295.2
98 66.1 0.0 129.2

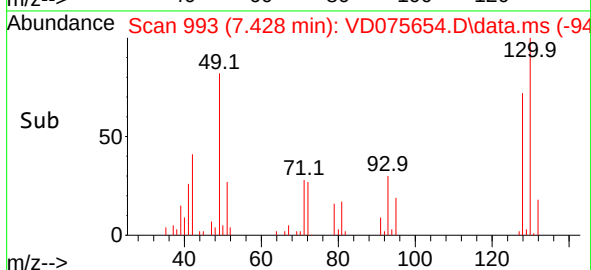
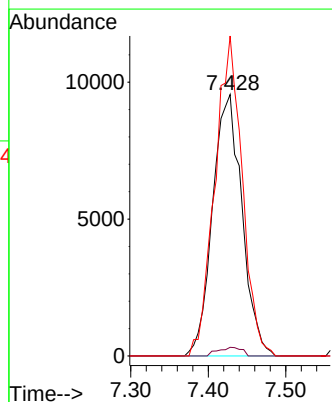
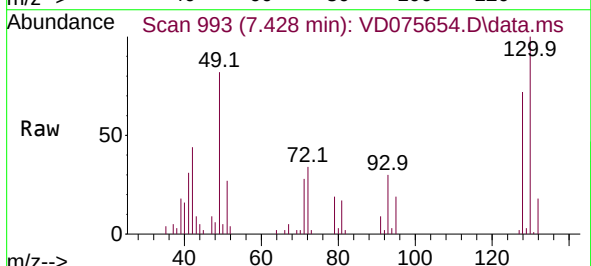
Manual Integrations
APPROVED

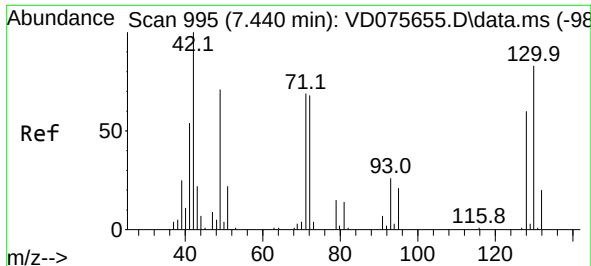
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#28
Bromochloromethane
Concen: 20.598 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 49 Resp: 25154
Ion Ratio Lower Upper
49 100
129 2.7 0.0 2.2#
130 114.0 56.0 84.0#





#29

Tetrahydrofuran

Concen: 98.622 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

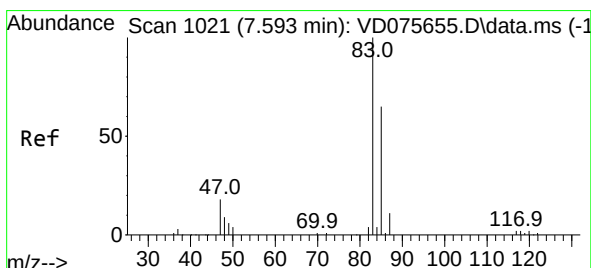
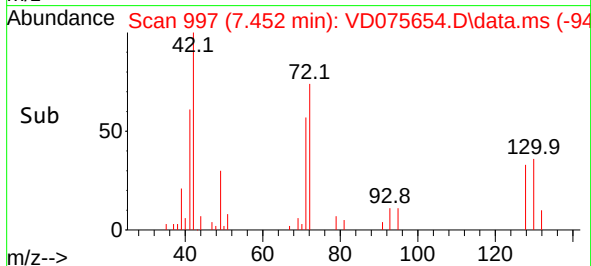
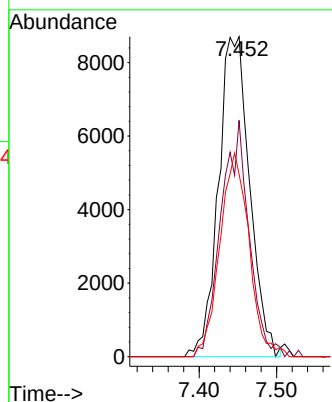
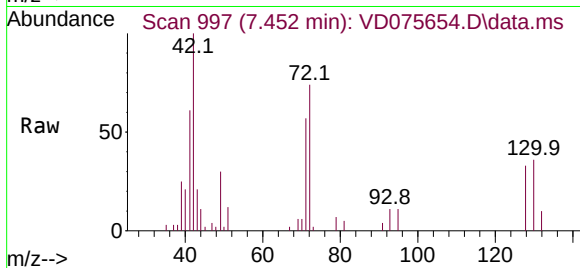
Tgt Ion:	42	Resp:	24424
Ion Ratio	Lower	Upper	
42	100		
72	66.6	31.8	47.6
71	59.6	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Chloroform

Concen: 20.195 ug/l

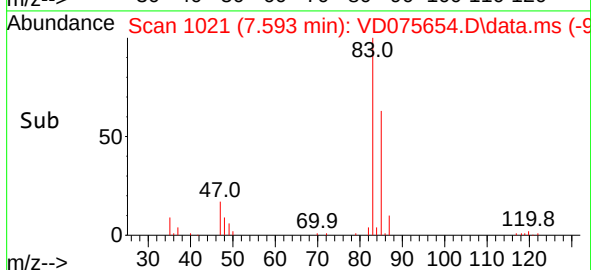
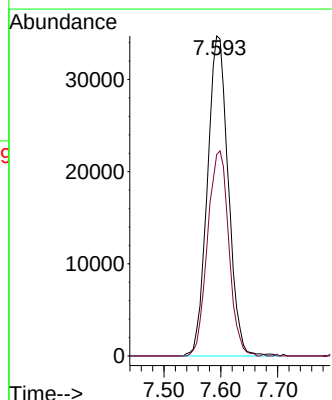
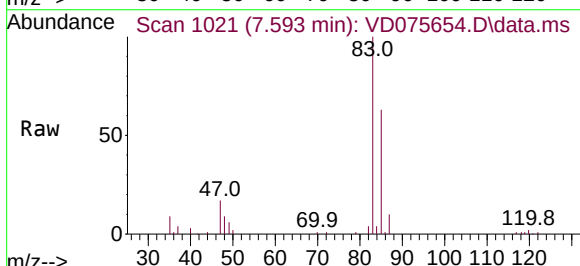
RT: 7.593 min Scan# 1021

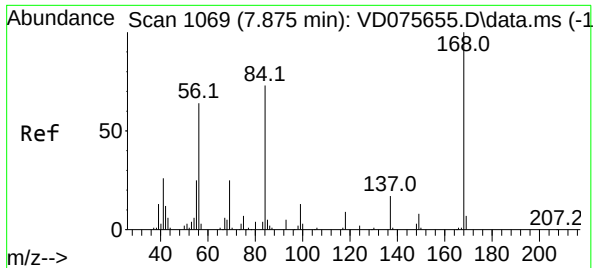
Delta R.T. -0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

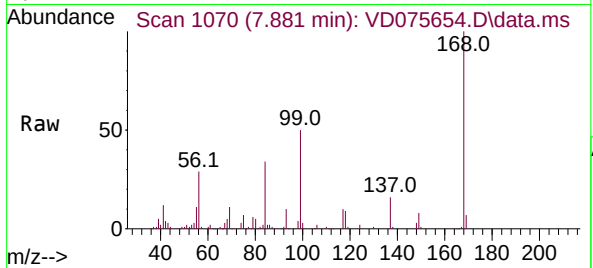
Tgt Ion:	83	Resp:	88445
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.4	74.2





#31
Cyclohexane
Concen: 20.696 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

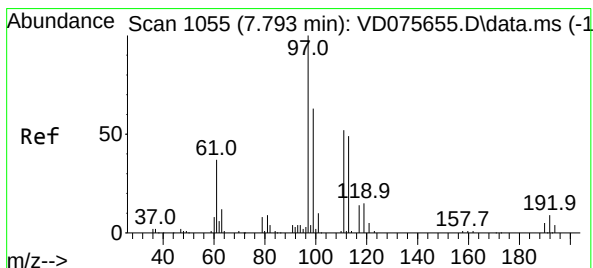
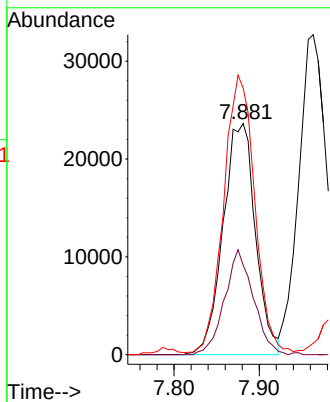
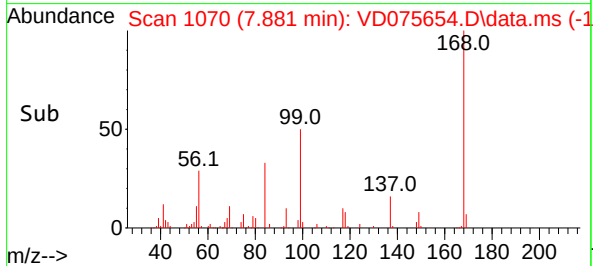
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



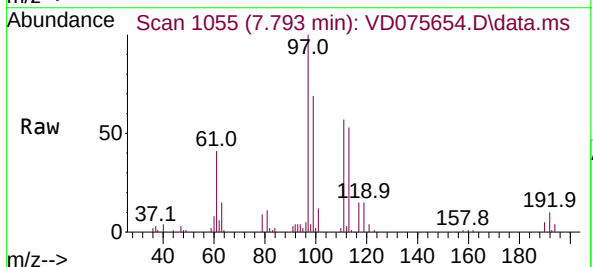
Tgt Ion: 56 Resp: 6235
Ion Ratio Lower Upper
56 100
69 38.7 25.5 38.3
84 114.1 69.6 104.4

Manual Integrations
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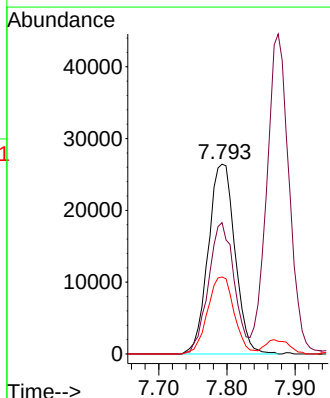
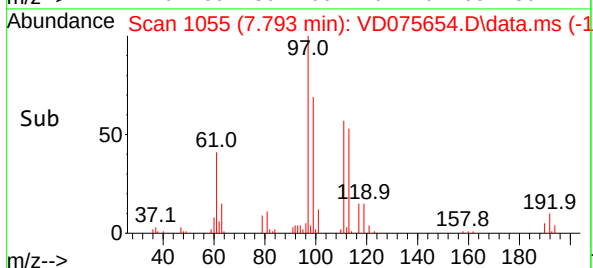
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

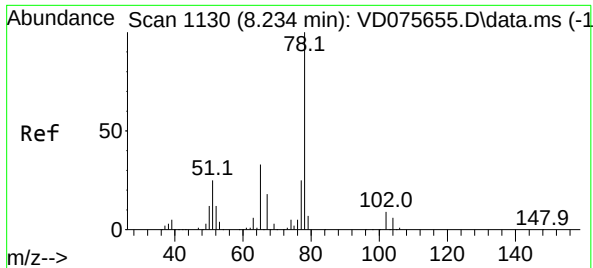


#32
1,1,1-Trichloroethane
Concen: 20.199 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19



Tgt Ion: 97 Resp: 72134
Ion Ratio Lower Upper
97 100
99 67.1 50.5 75.7
61 40.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 20.424 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3921

Ion Ratio Lower Upper

65 100

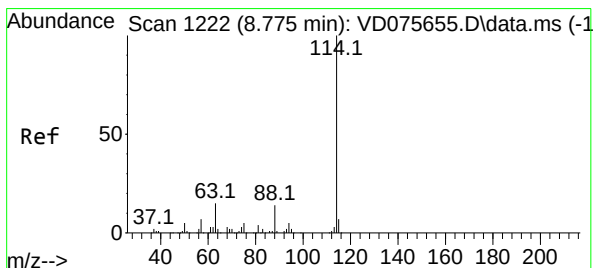
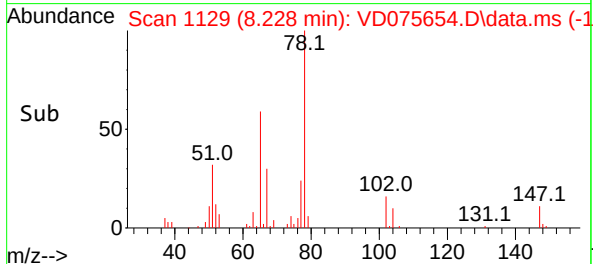
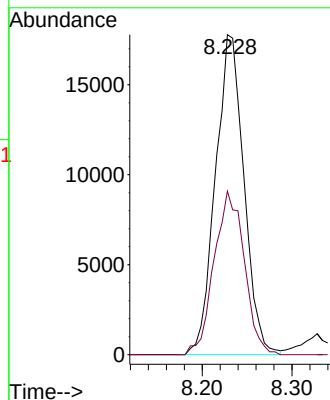
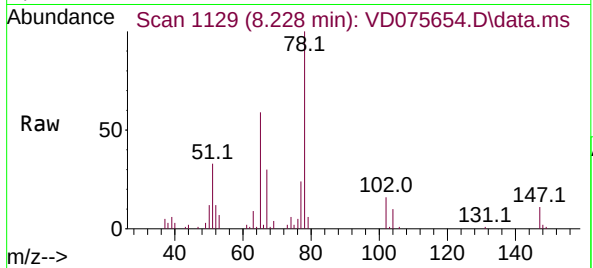
67 54.0 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

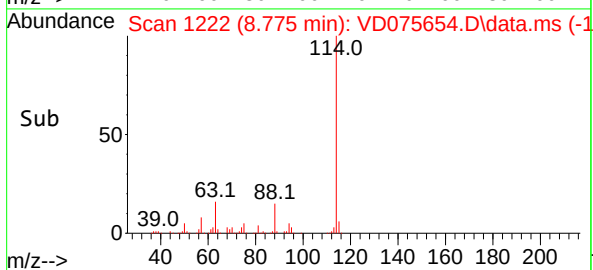
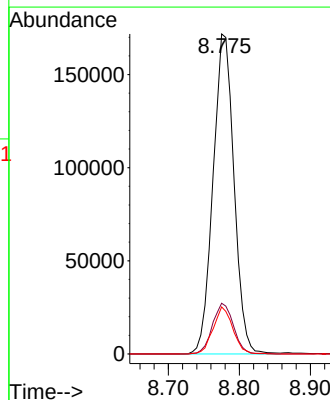
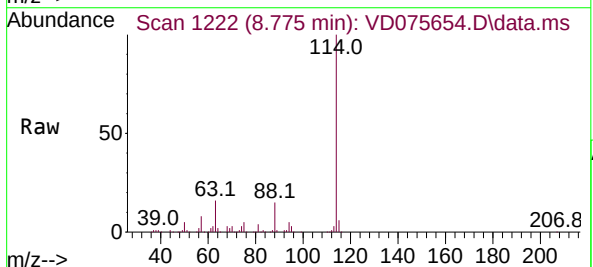
Tgt Ion:114 Resp: 351555

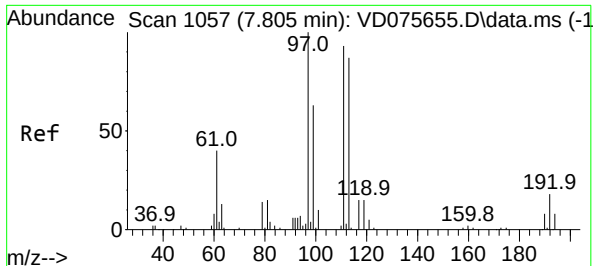
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 19.988 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

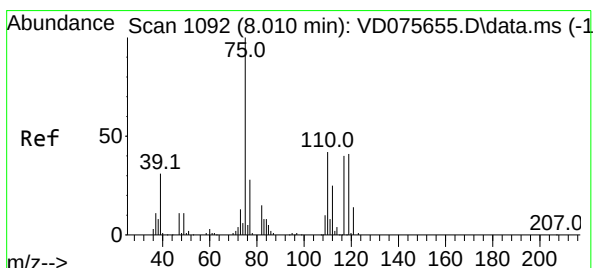
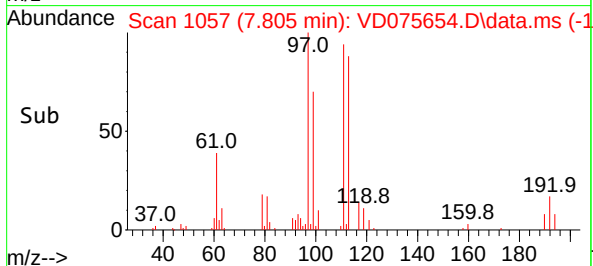
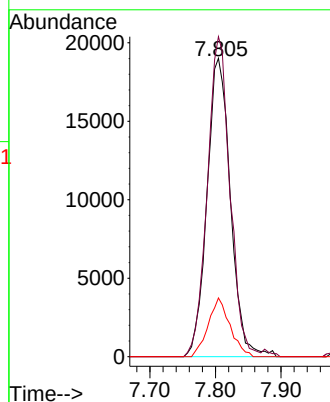
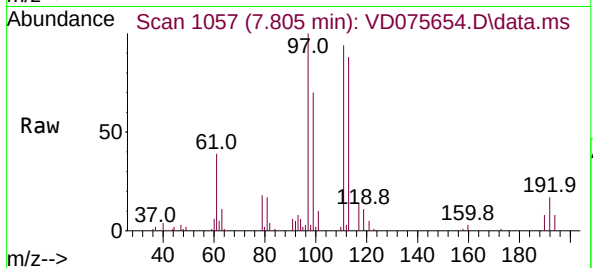
Tgt Ion:	113	Resp:	4726
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	18.3	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#36

1,1-Dichloropropene

Concen: 20.413 ug/l

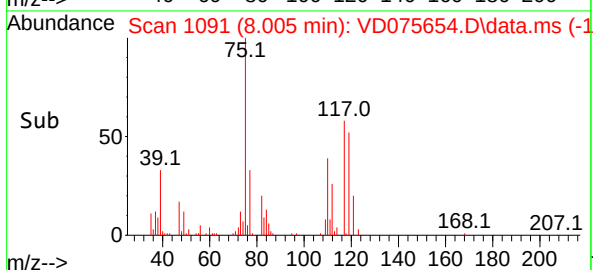
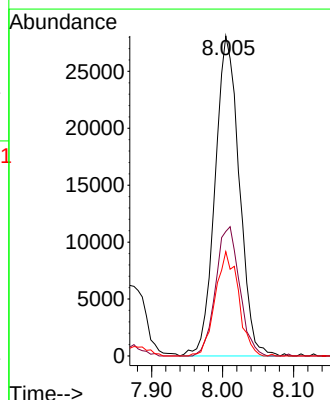
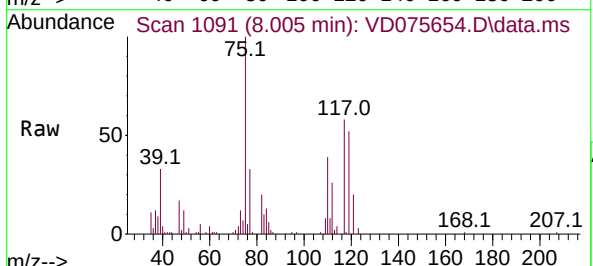
RT: 8.005 min Scan# 1091

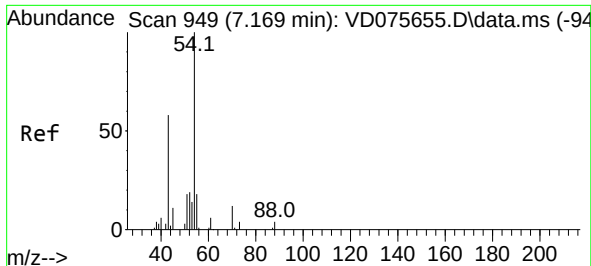
Delta R.T. -0.005 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion:	75	Resp:	66588
Ion	Ratio	Lower	Upper
75	100		
110	39.7	17.1	51.2
77	31.3	24.6	36.8





#37

Ethyl Acetate

Concen: 19.748 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 1960

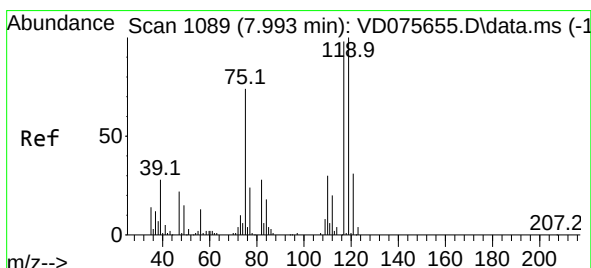
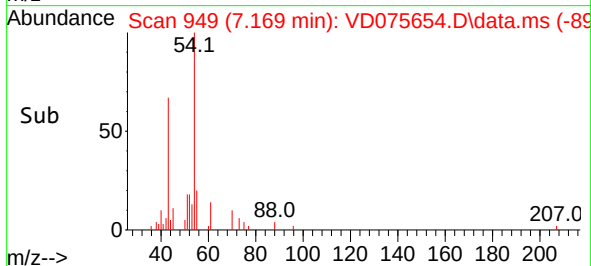
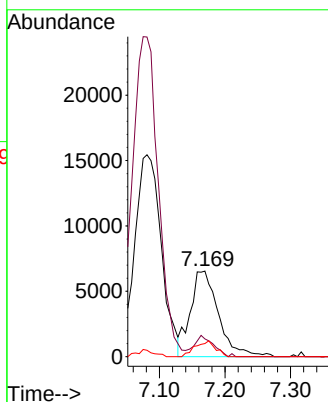
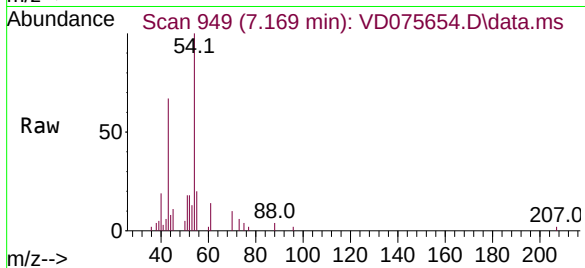
Ion	Ratio	Lower	Upper
43	100		
61	16.9	0.0	0.0
70	13.3	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#38

Carbon Tetrachloride

Concen: 20.705 ug/l

RT: 7.993 min Scan# 1089

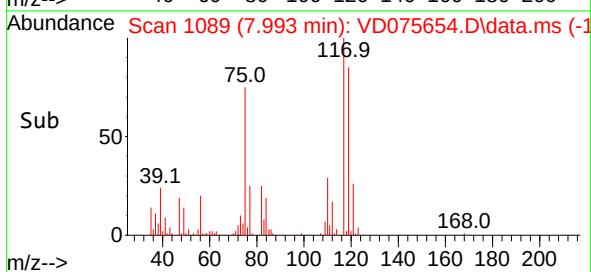
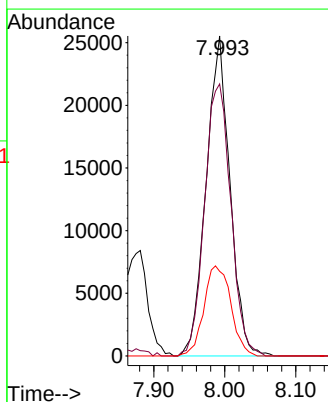
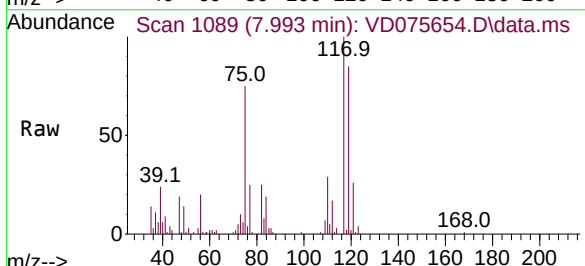
Delta R.T. -0.000 min

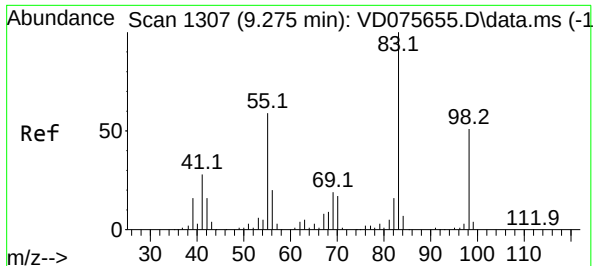
Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion:117 Resp: 59477

Ion	Ratio	Lower	Upper
117	100		
119	85.0	74.7	112.1
121	26.4	25.9	38.9





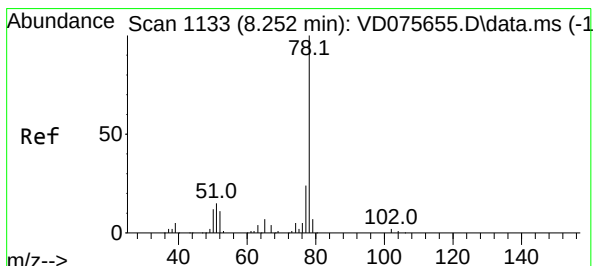
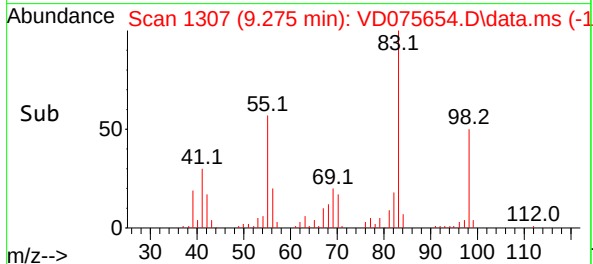
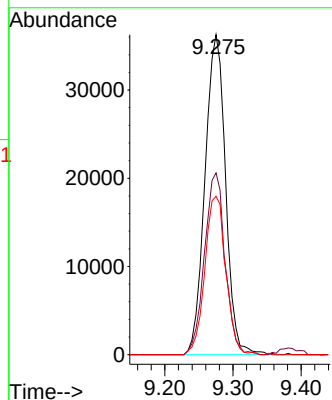
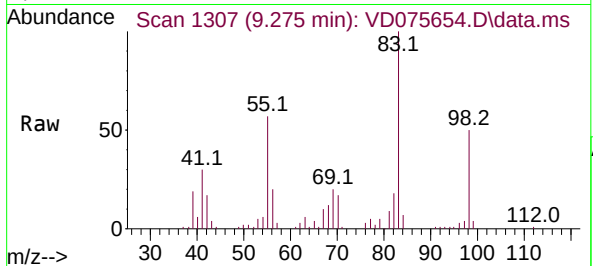
#39
Methylcyclohexane
Concen: 20.188 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 76152
Ion Ratio Lower Upper
83 100
55 56.8 56.8 85.2
98 49.5 38.9 58.3

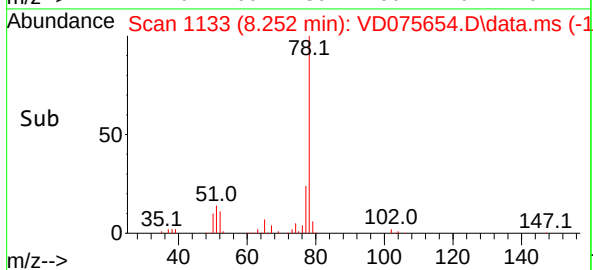
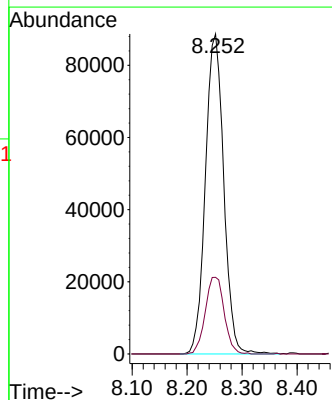
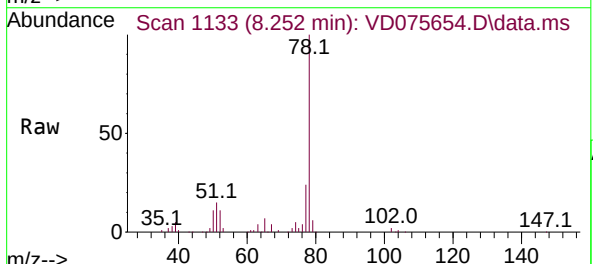
Manual Integrations
APPROVED

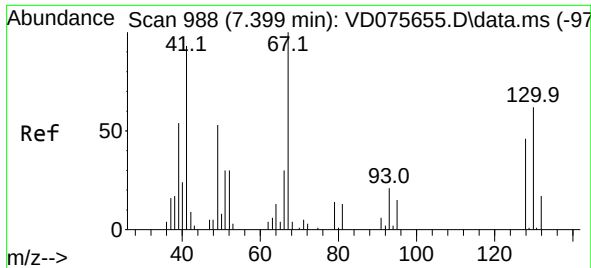
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#40
Benzene
Concen: 20.224 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 78 Resp: 205089
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





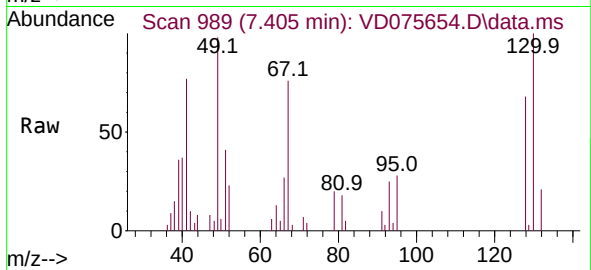
#41
Methacrylonitrile
Concen: 18.073 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



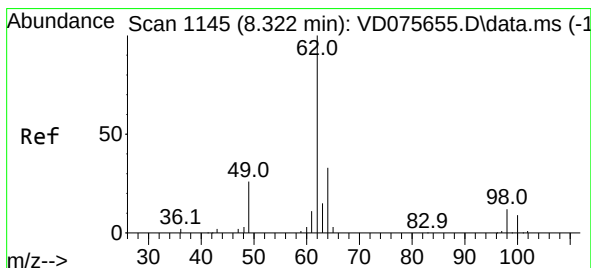
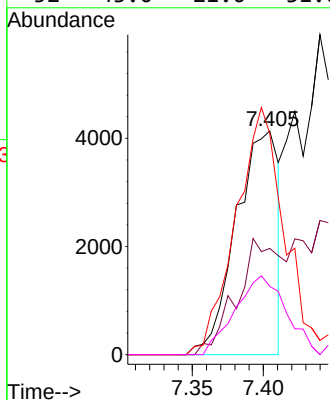
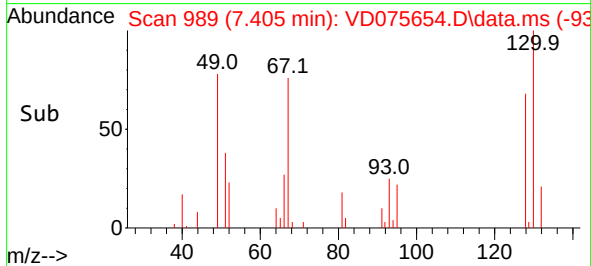
Tgt Ion: 41 Resp: 8610
Ion Ratio Lower Upper
41 100
39 56.0 45.3 67.9
67 126.7 50.5 75.7
52 43.0 21.0 31.6#

Manual Integrations

APPROVED

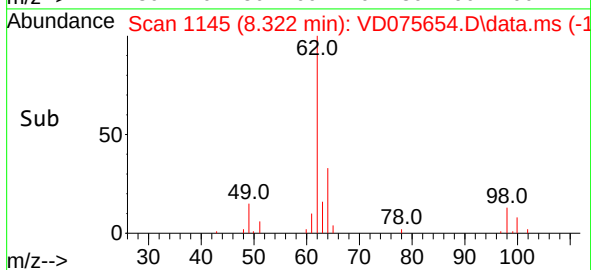
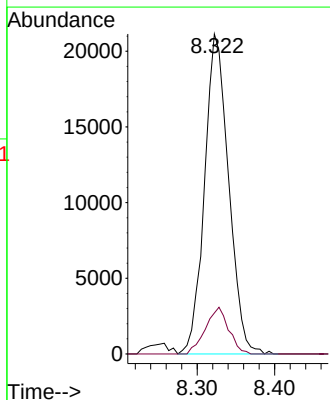
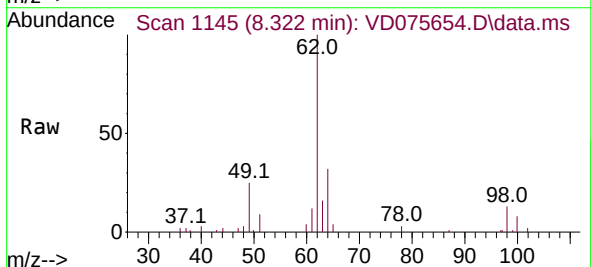
Reviewed By :Krupa Patel 04/14/2023

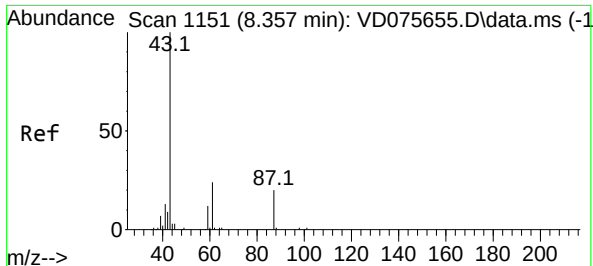
Supervised By :Mahesh Dadoda 04/14/2023



#42
1,2-Dichloroethane
Concen: 19.865 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 62 Resp: 45758
Ion Ratio Lower Upper
62 100
98 14.0 0.0 18.8





#43

Isopropyl Acetate

Concen: 20.103 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

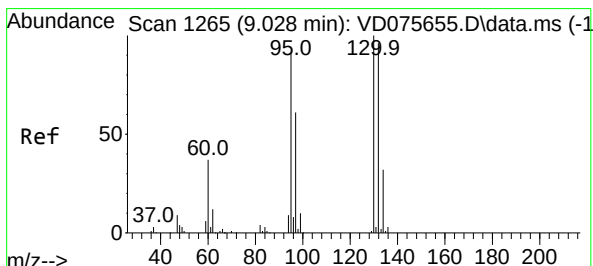
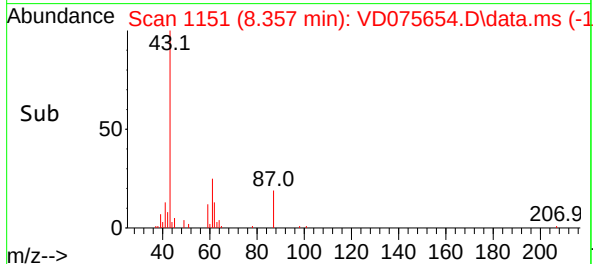
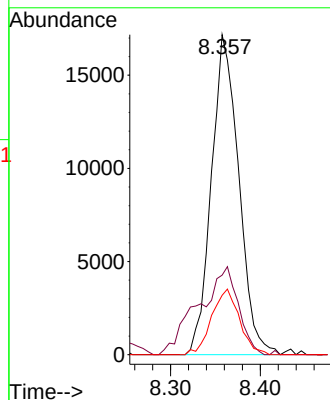
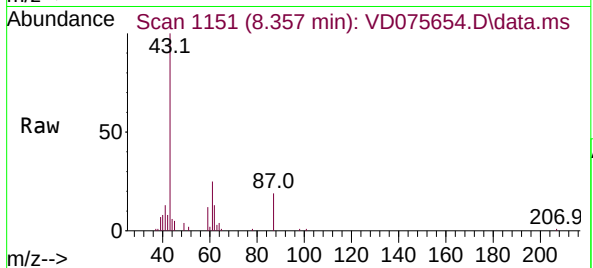
Tgt Ion: 43	Resp: 3639
Ion Ratio	Lower Upper
43	100
61	40.1 23.4 35.0
87	20.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#44

Trichloroethene

Concen: 19.753 ug/l

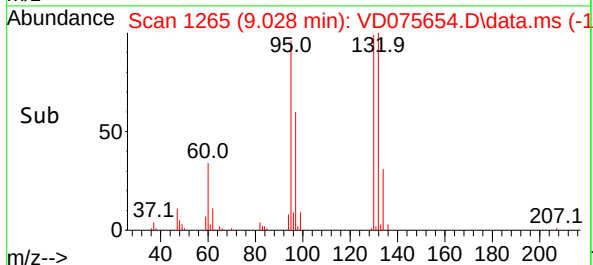
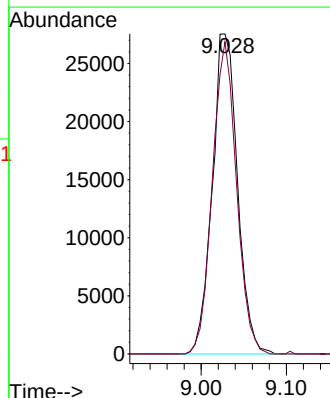
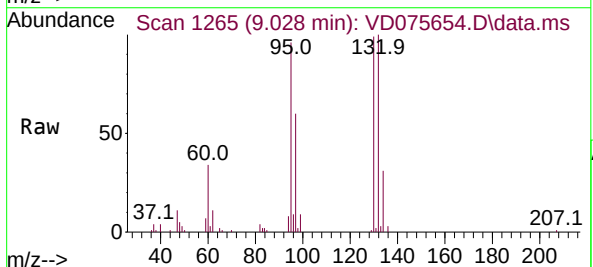
RT: 9.028 min Scan# 1265

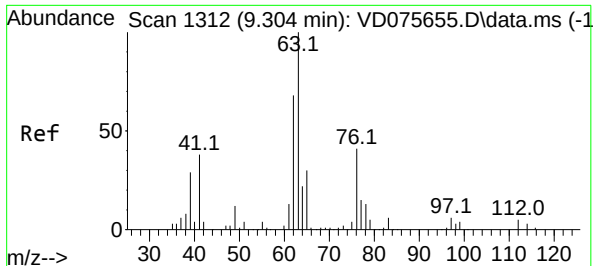
Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion:130	Resp: 56690
Ion Ratio	Lower Upper
130	100
95	97.6 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.152 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 4579

Ion Ratio Lower Upper

63 100

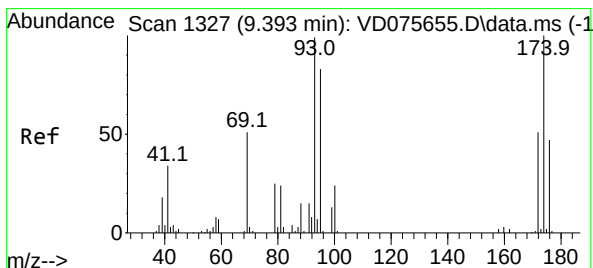
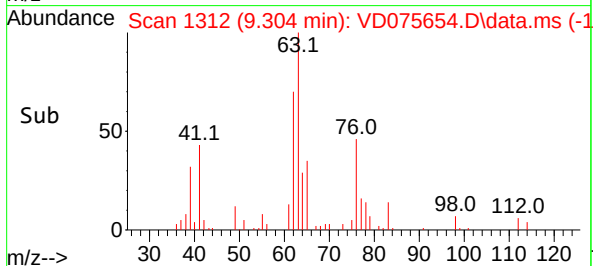
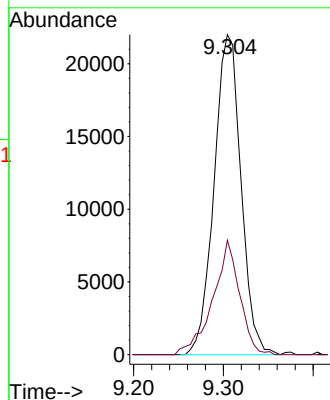
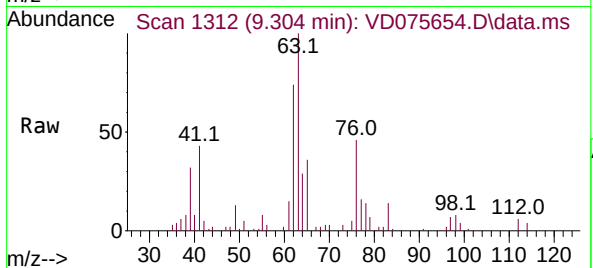
65 35.7 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

Dibromomethane

Concen: 19.915 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

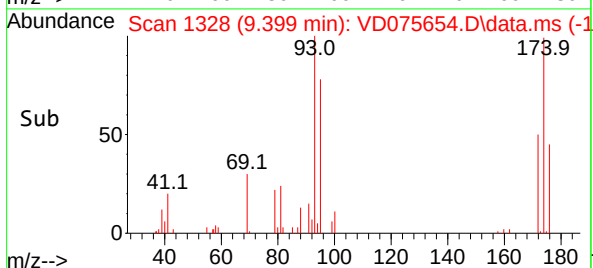
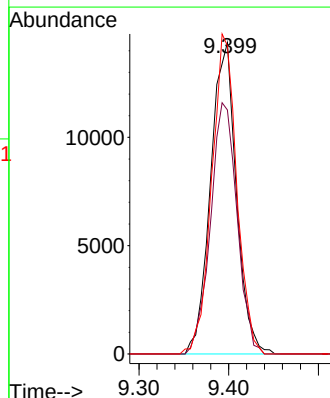
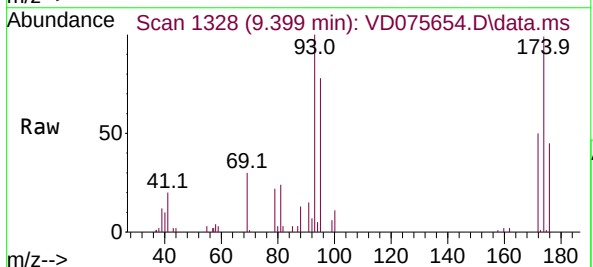
Tgt Ion: 93 Resp: 28711

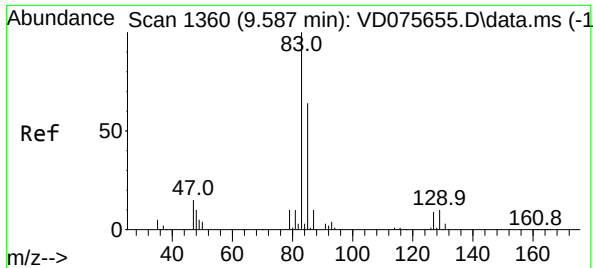
Ion Ratio Lower Upper

93 100

95 82.6 64.5 96.7

174 99.4 76.2 114.4





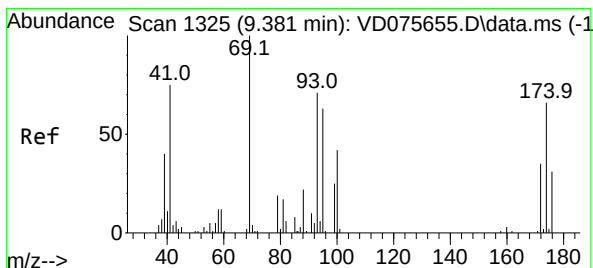
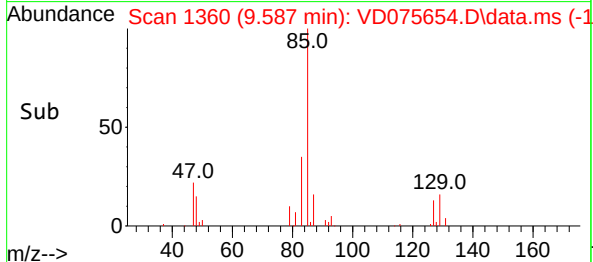
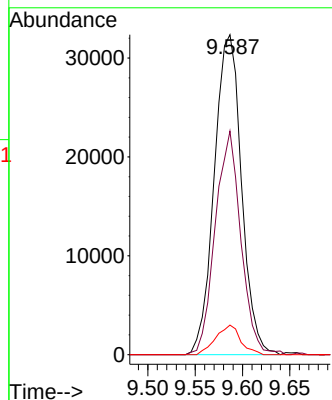
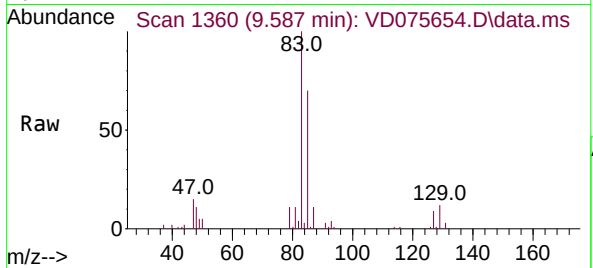
#47
Bromodichloromethane
Concen: 19.646 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 64788
Ion Ratio Lower Upper
83 100
85 69.8 53.7 80.5
127 9.2 7.0 10.6

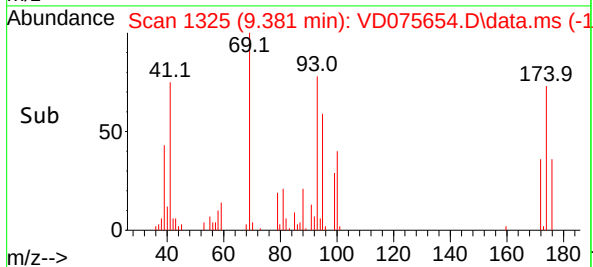
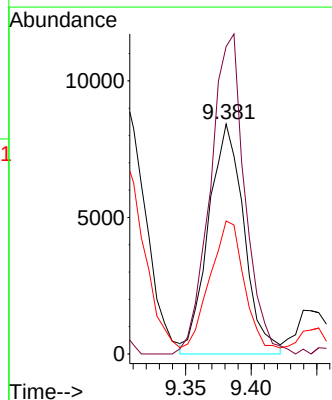
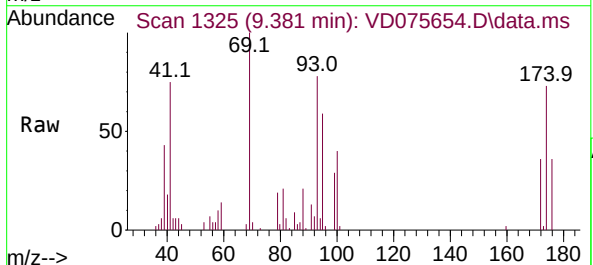
Manual Integrations
APPROVED

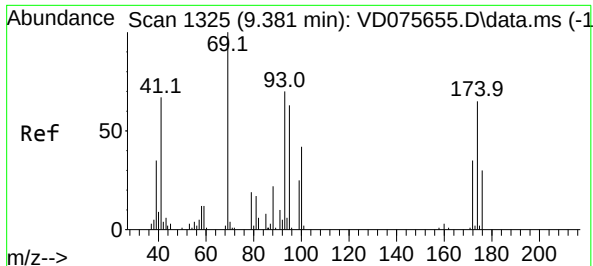
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#48
Methyl methacrylate
Concen: 19.667 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 41 Resp: 15862
Ion Ratio Lower Upper
41 100
69 135.8 58.6 88.0#
39 57.9 53.4 80.0





#49

1,4-Dioxane

Concen: 412.135 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

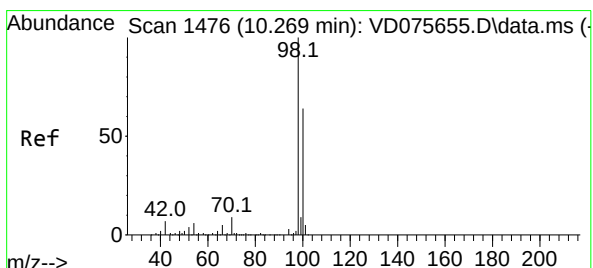
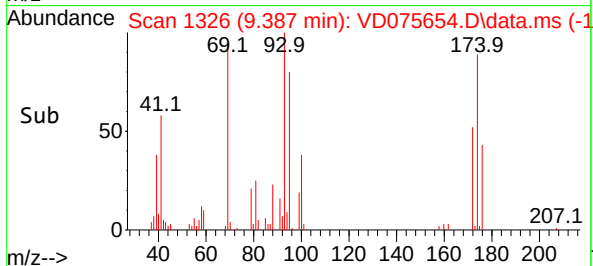
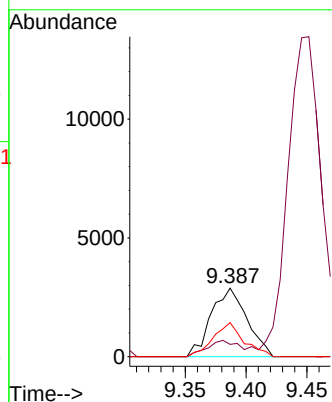
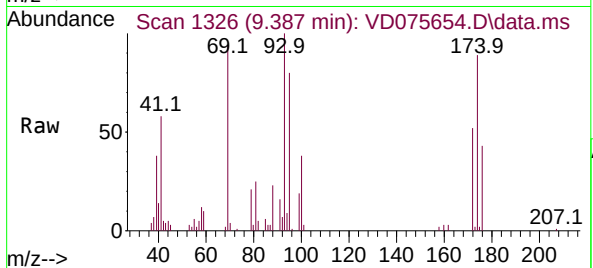
Tgt Ion: 88	Resp: 589
Ion Ratio	Lower Upper
88	100
43	20.8 34.6 51.8
58	42.8 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

Toluene-d8

Concen: 19.358 ug/l

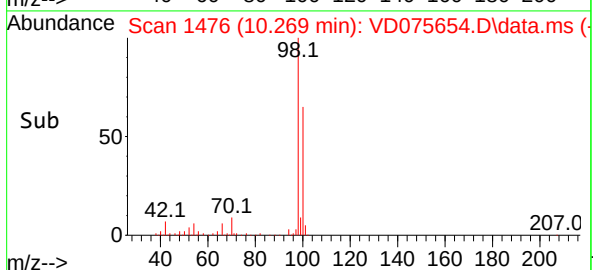
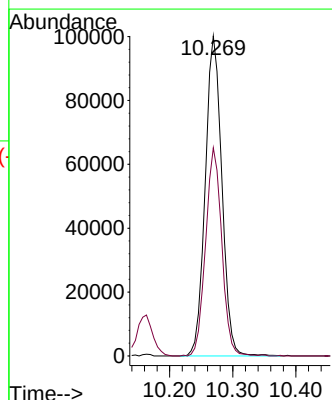
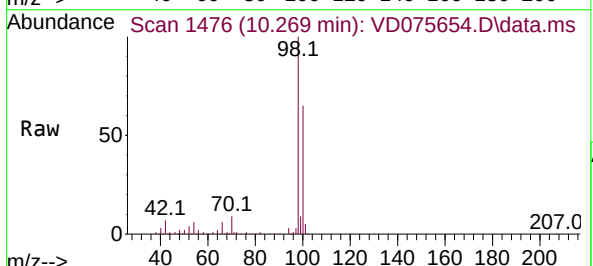
RT: 10.269 min Scan# 1476

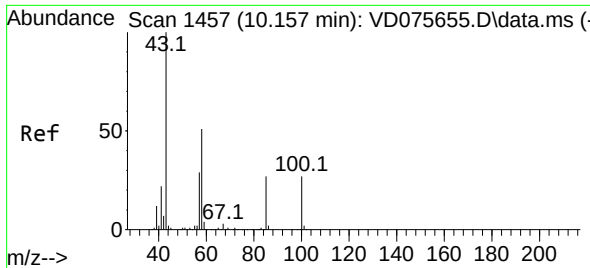
Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion: 98	Resp: 183299
Ion Ratio	Lower Upper
98	100
100	63.4 52.1 78.1





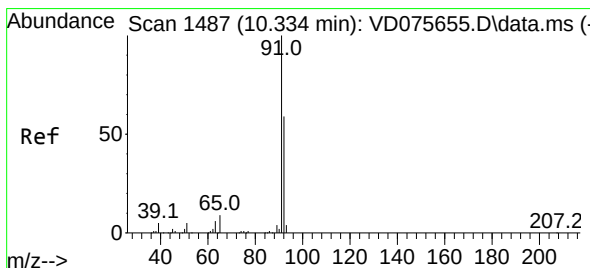
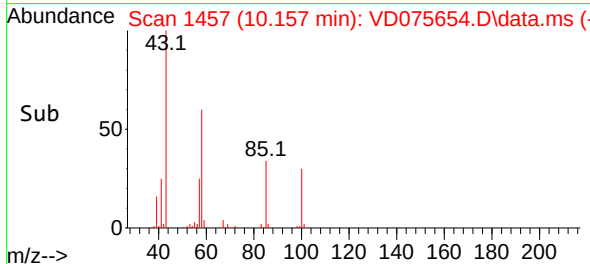
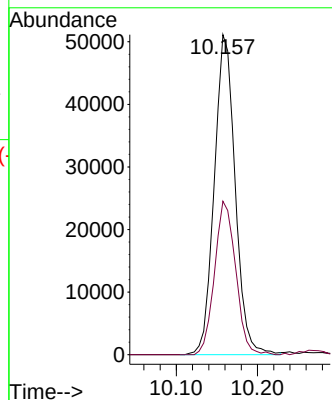
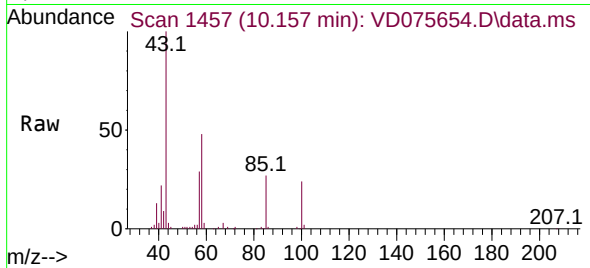
#51
4-Methyl-2-Pentanone
Concen: 94.952 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 9164
Ion Ratio Lower Upper
43 100
58 48.4 29.5 44.3

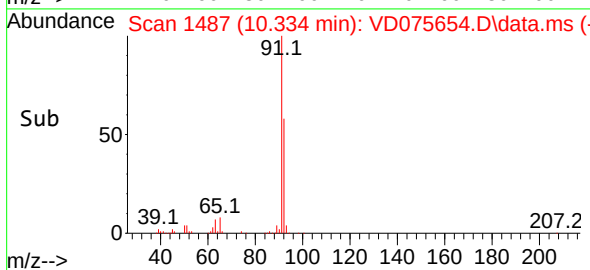
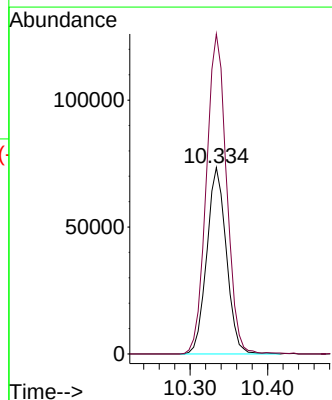
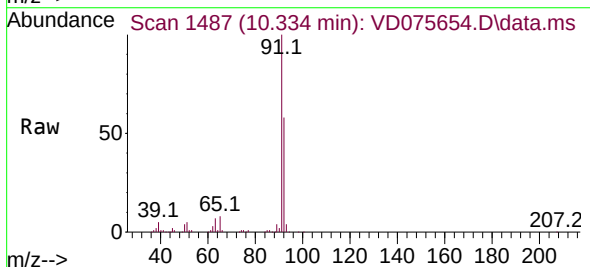
Manual Integrations
APPROVED

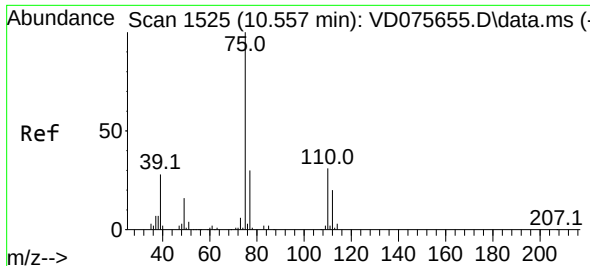
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Toluene
Concen: 19.088 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 92 Resp: 128713
Ion Ratio Lower Upper
92 100
91 176.9 136.5 204.7





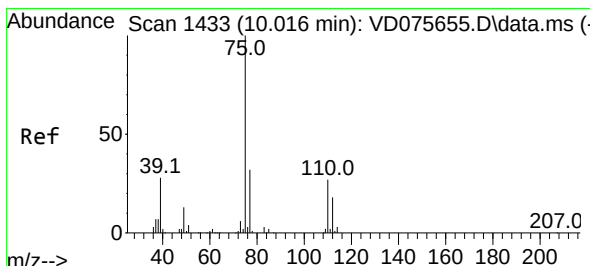
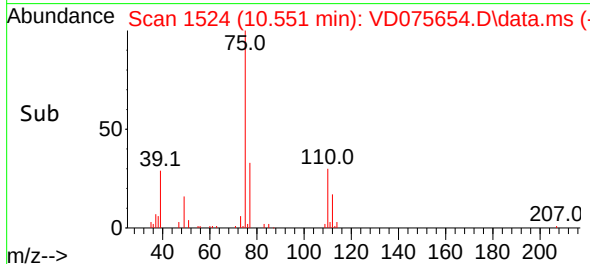
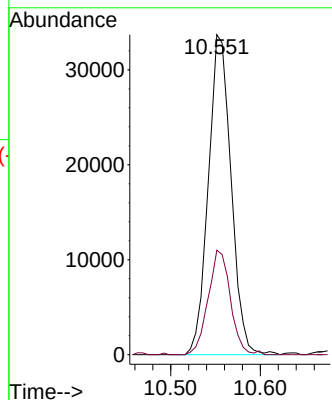
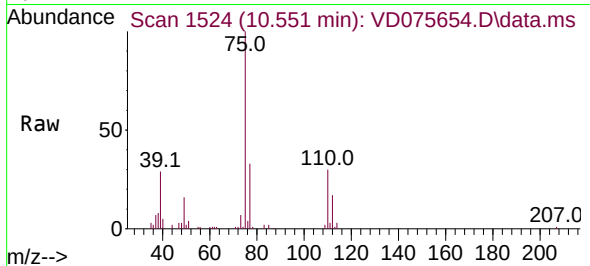
#53
t-1,3-Dichloropropene
Concen: 18.784 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 59380
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5

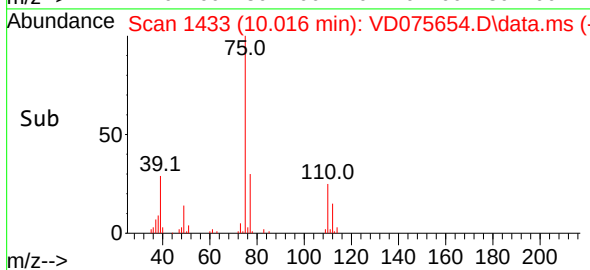
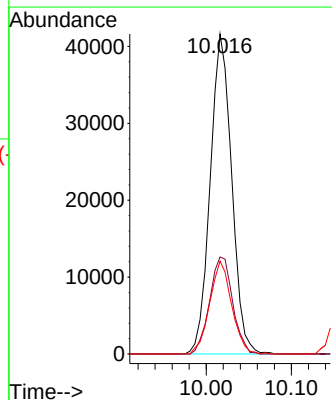
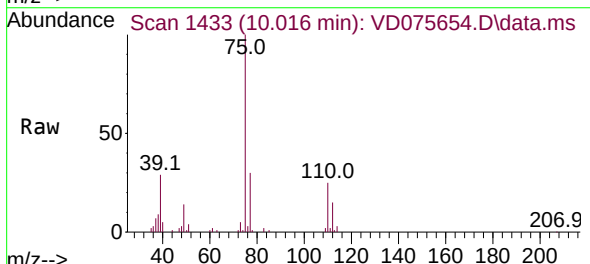
Manual Integrations
APPROVED

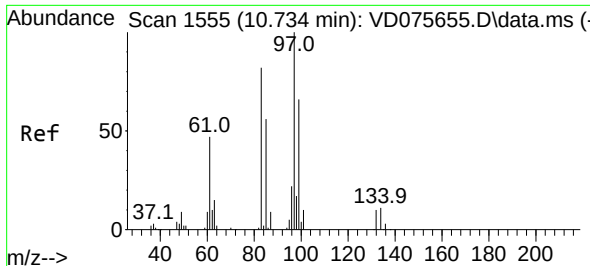
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
cis-1,3-Dichloropropene
Concen: 19.426 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

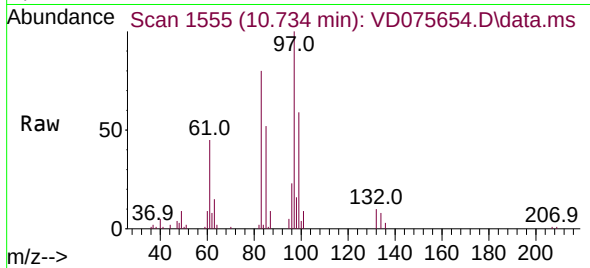
Tgt Ion: 75 Resp: 72965
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4
39 29.0 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 18.980 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

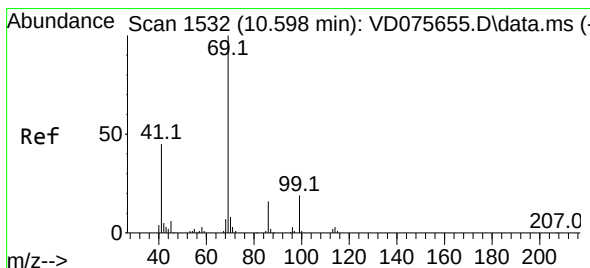
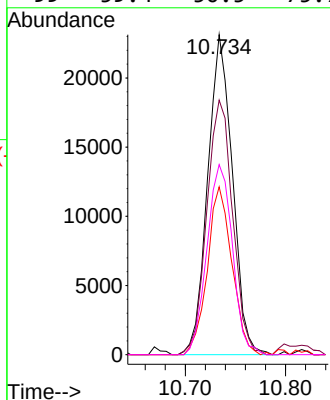
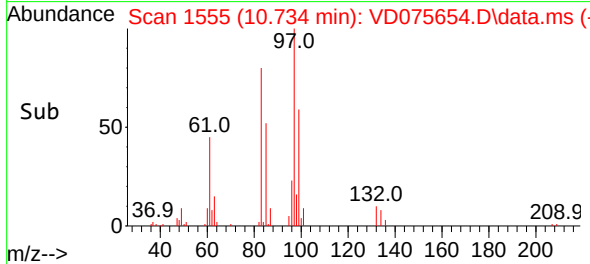
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.6	74.2	111.4
85	52.4	45.4	68.0
99	59.4	50.5	75.7

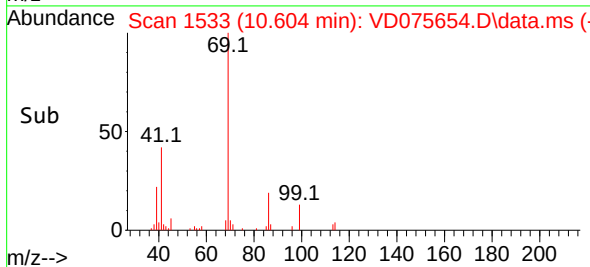
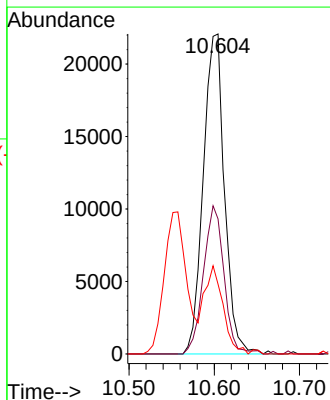
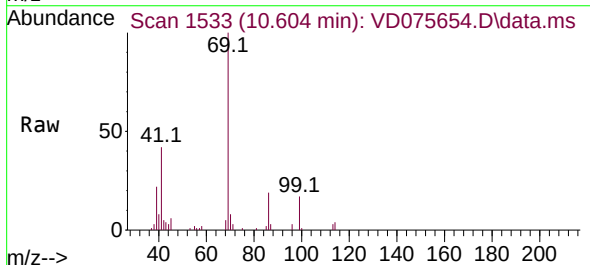
Manual Integrations
APPROVED

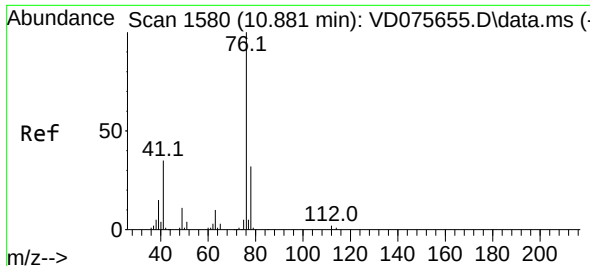
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#56
Ethyl methacrylate
Concen: 18.610 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	44.8	59.3	88.9#
39	24.3	36.0	54.0#





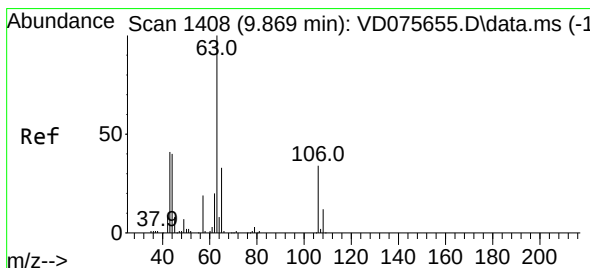
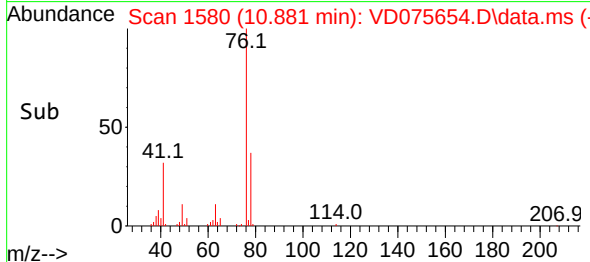
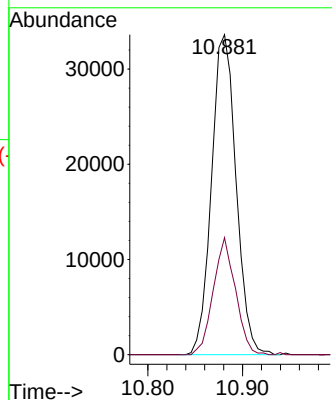
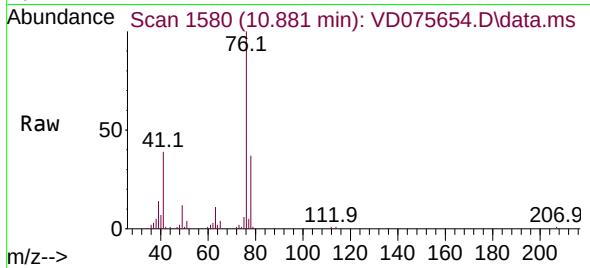
#57
1,3-Dichloropropane
Concen: 19.124 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 6060
Ion Ratio Lower Upper
76 100
78 33.0 25.6 38.4

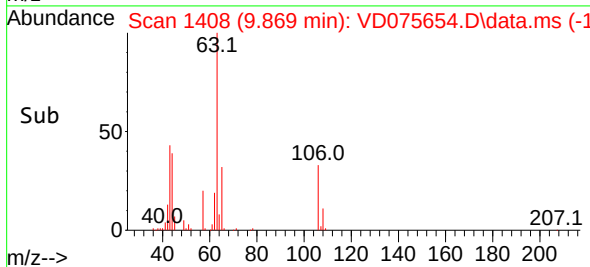
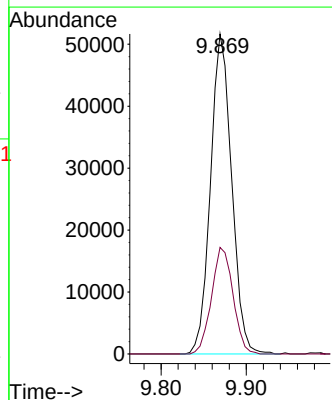
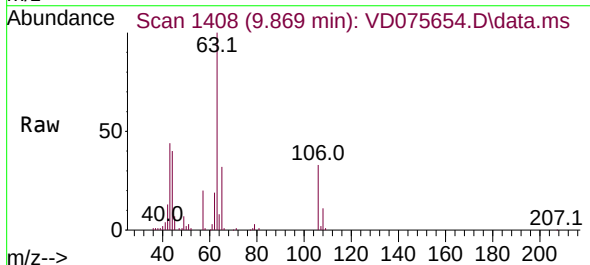
Manual Integrations
APPROVED

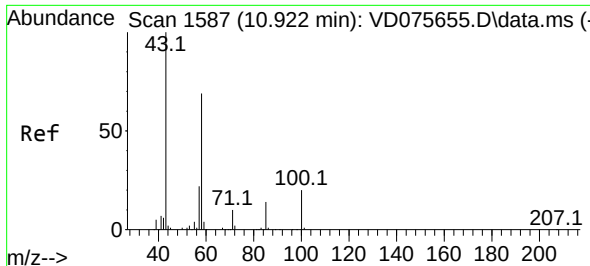
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 101.158 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

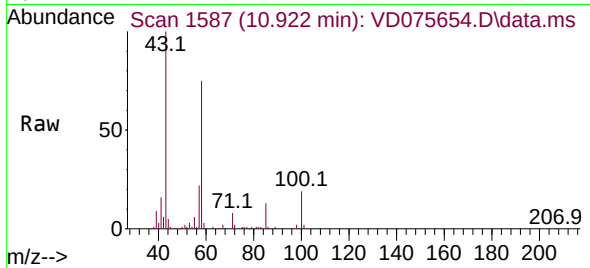
Tgt Ion: 63 Resp: 89246
Ion Ratio Lower Upper
63 100
106 33.8 21.4 32.2#





#59
2-Hexanone
Concen: 94.630 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

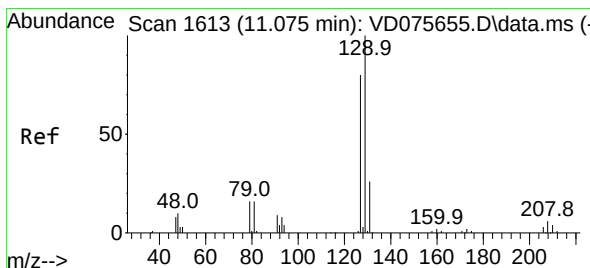
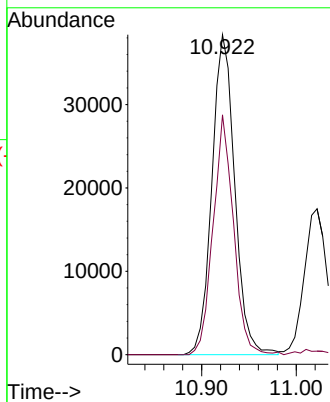
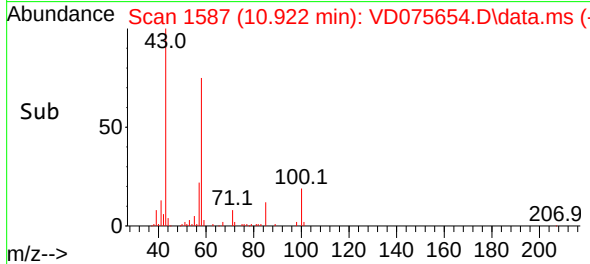
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 64220
Ion Ratio Lower Upper
43 100
58 67.2 25.3 75.8

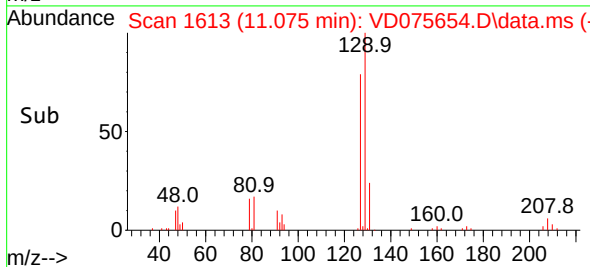
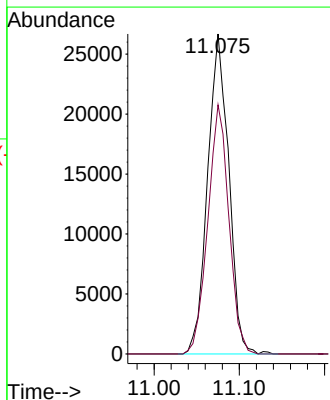
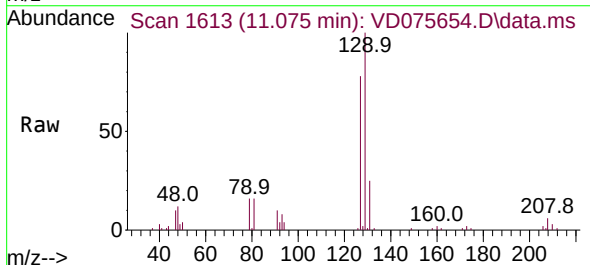
Manual Integrations
APPROVED

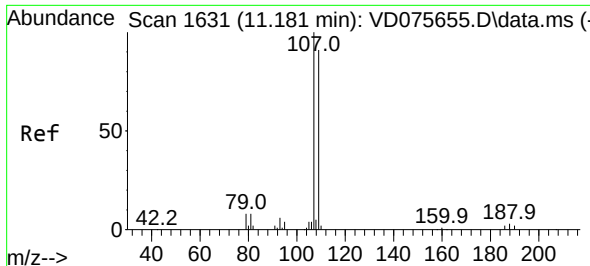
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#60
Dibromochloromethane
Concen: 18.820 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion:129 Resp: 45969
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





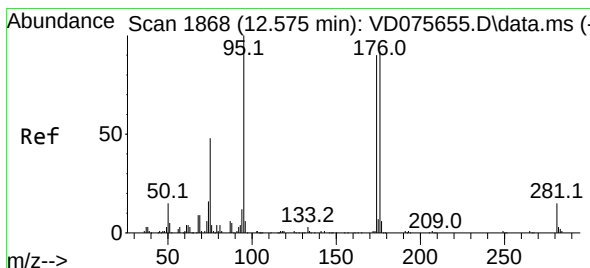
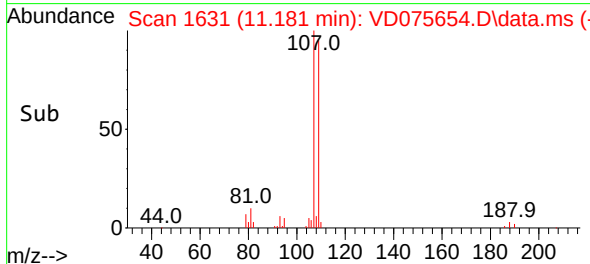
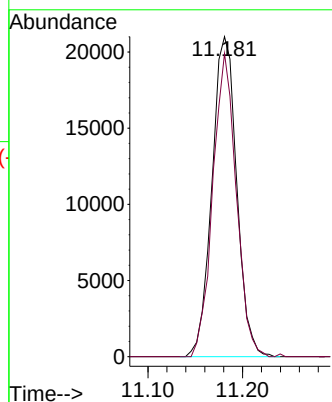
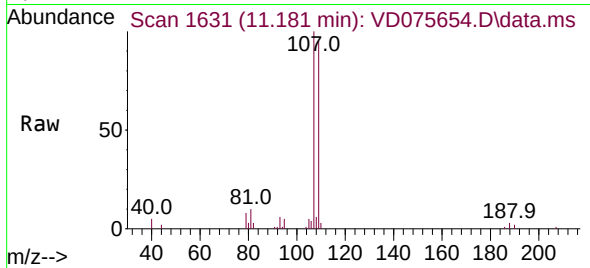
#61
1,2-Dibromoethane
Concen: 19.158 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 38149
Ion Ratio Lower Upper
107 100
109 90.0 73.6 110.4

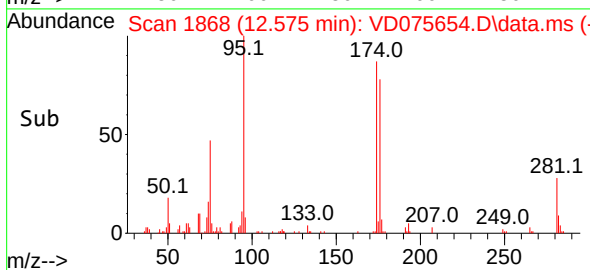
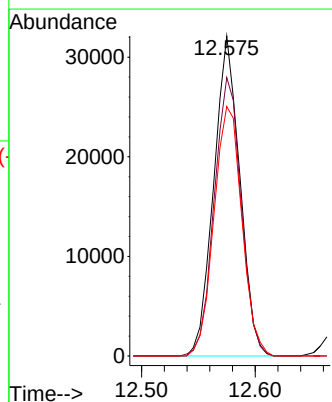
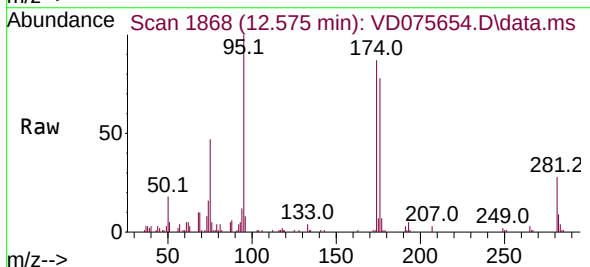
Manual Integrations
APPROVED

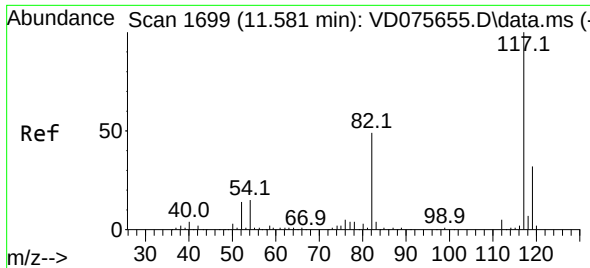
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#62
4-Bromofluorobenzene
Concen: 20.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

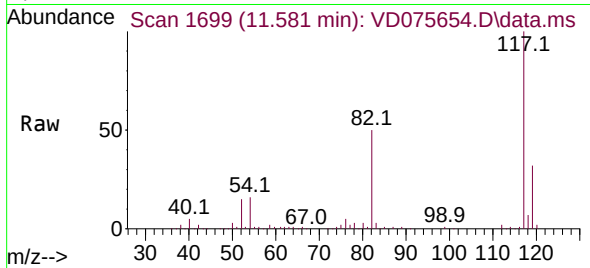
Tgt Ion: 95 Resp: 51156
Ion Ratio Lower Upper
95 100
174 89.7 0.0 164.0
176 83.5 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

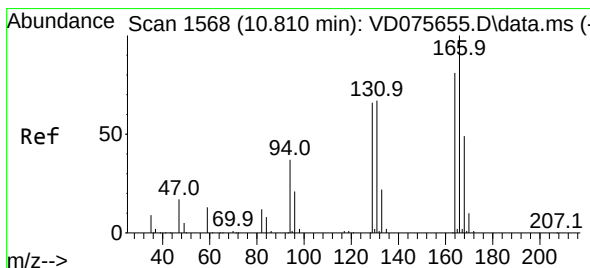
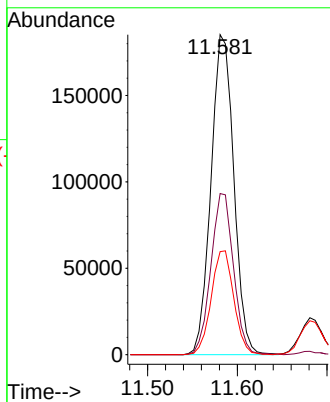
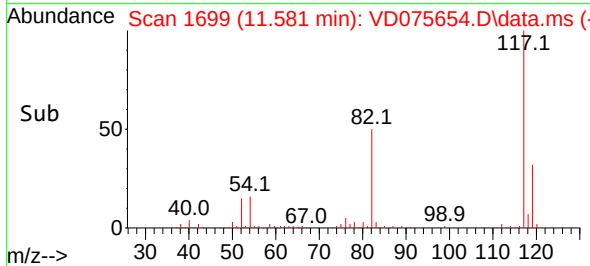
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



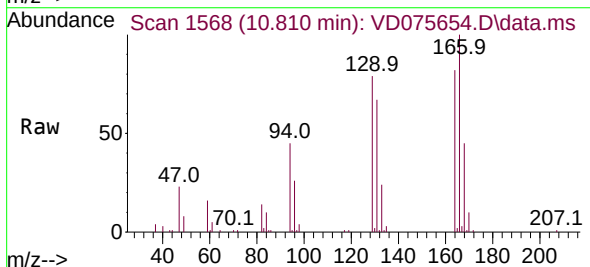
Tgt Ion:117 Resp: 327119
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 32.2 25.1 37.7

Manual Integrations
APPROVED

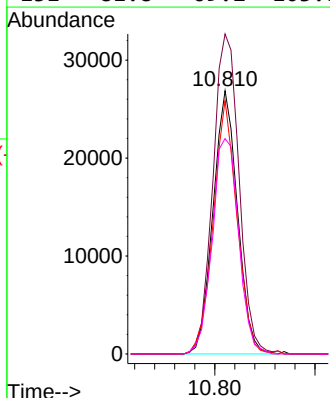
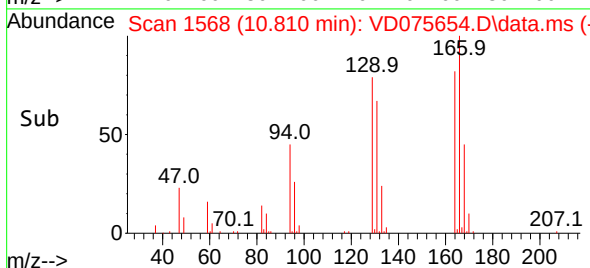
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

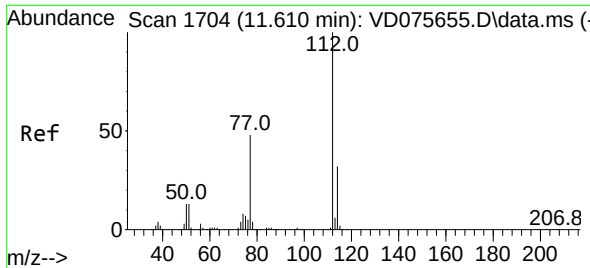


#64
Tetrachloroethene
Concen: 19.266 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19



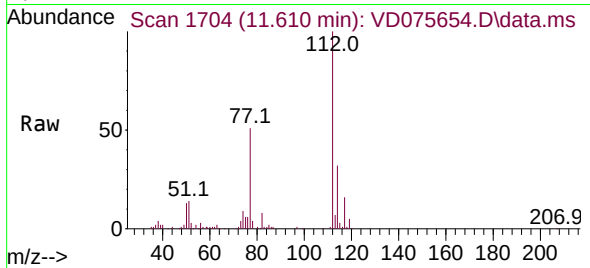
Tgt Ion:164 Resp: 45388
Ion Ratio Lower Upper
164 100
166 121.6 94.9 142.3
129 96.3 73.0 109.6
131 81.8 69.2 103.8





#65
Chlorobenzene
Concen: 19.883 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

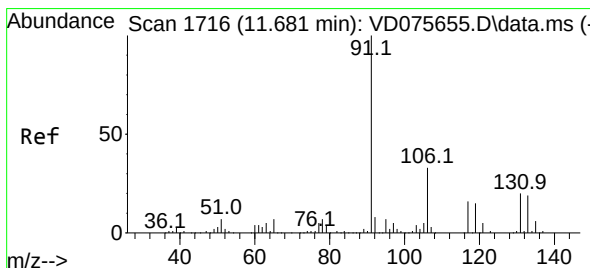
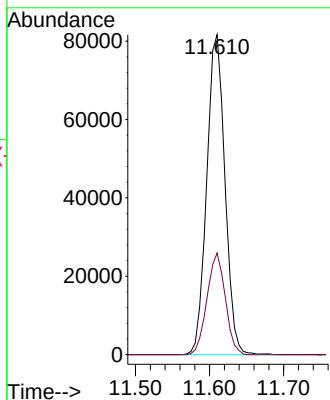
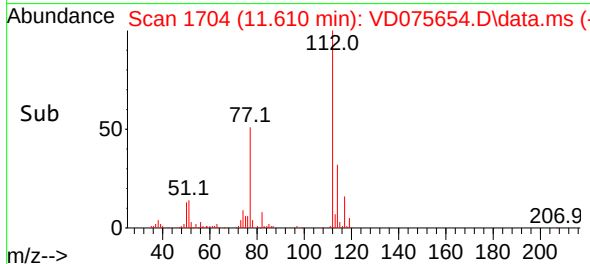
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 139310
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

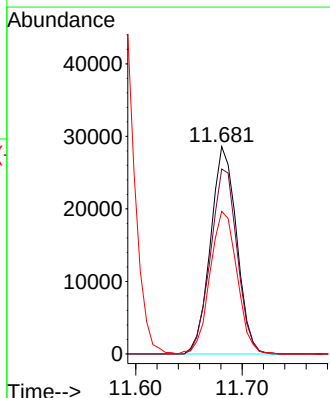
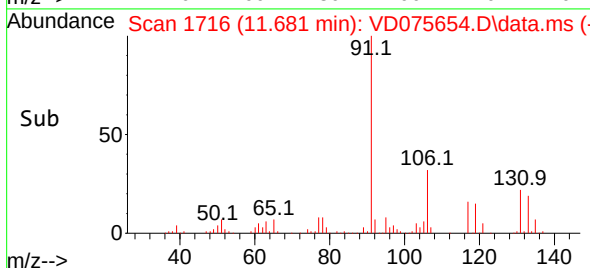
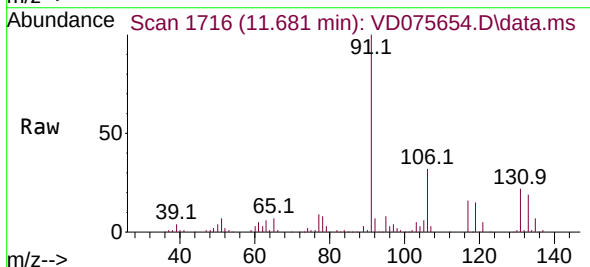
Manual Integrations
APPROVED

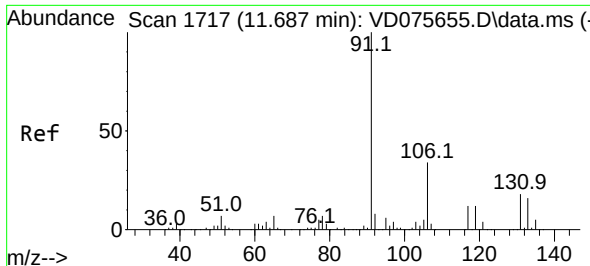
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.190 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion:131 Resp: 48633
Ion Ratio Lower Upper
131 100
133 91.3 46.7 140.0
119 71.3 31.9 95.9





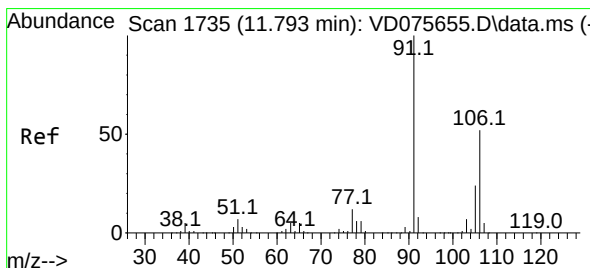
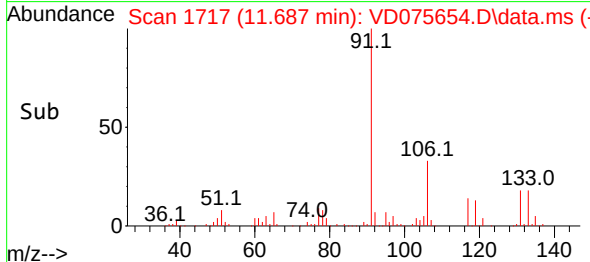
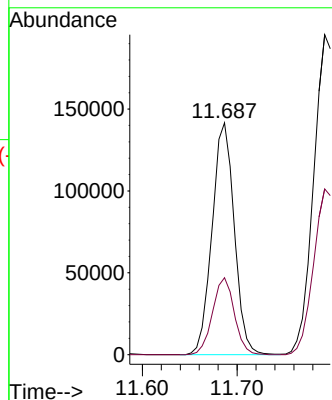
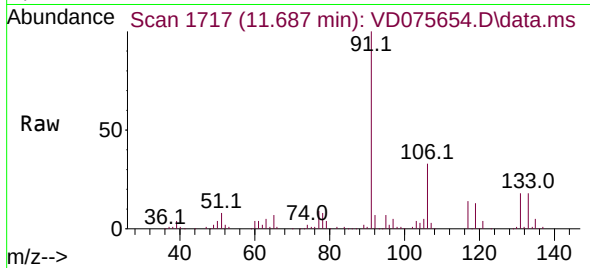
#67
Ethyl Benzene
Concen: 20.282 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 23062
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7

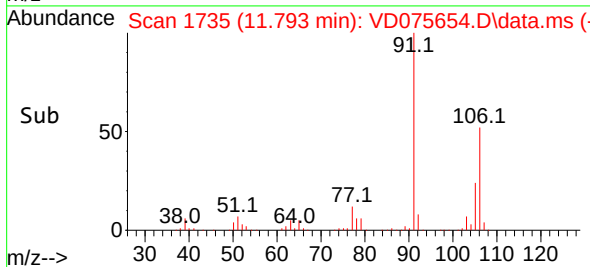
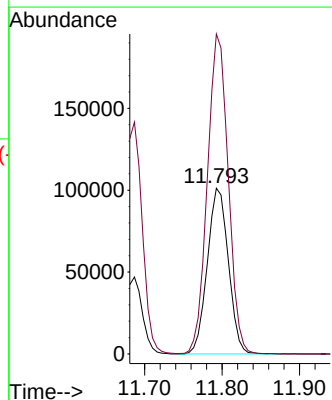
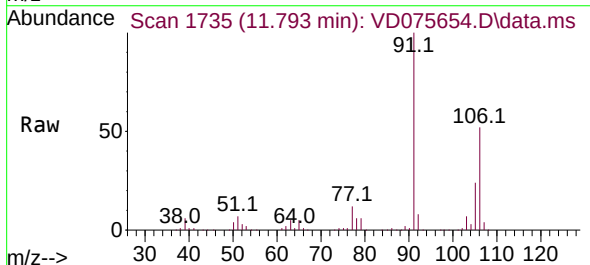
Manual Integrations
APPROVED

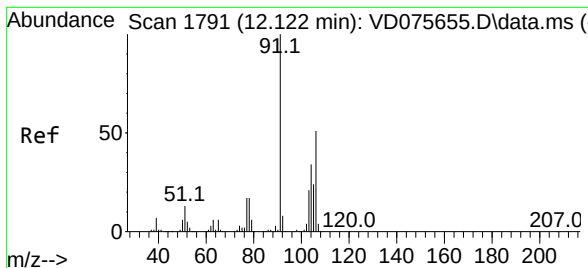
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#68
m/p-Xylenes
Concen: 40.961 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

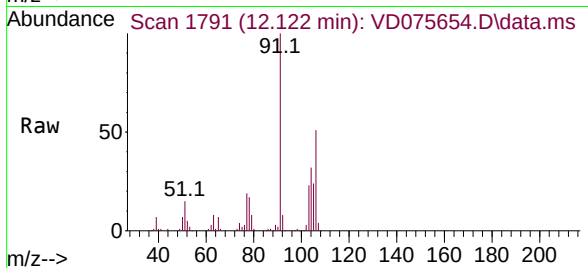
Tgt Ion:106 Resp: 190883
Ion Ratio Lower Upper
106 100
91 191.5 161.5 242.3





#69
o-Xylene
Concen: 20.328 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

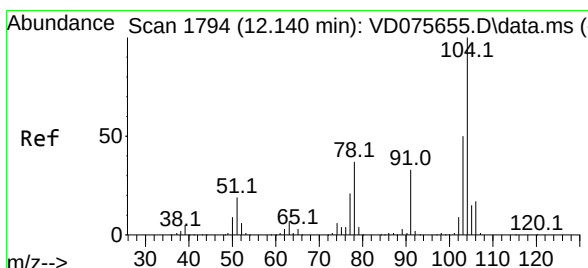
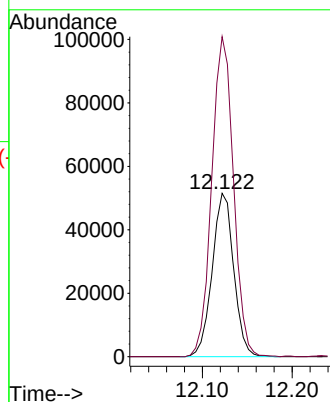
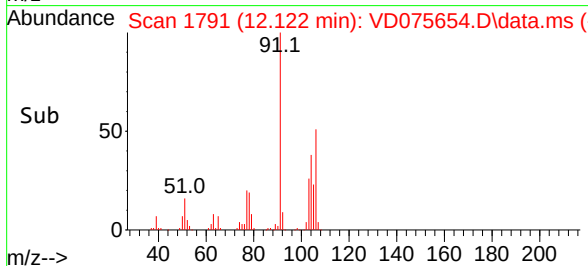
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



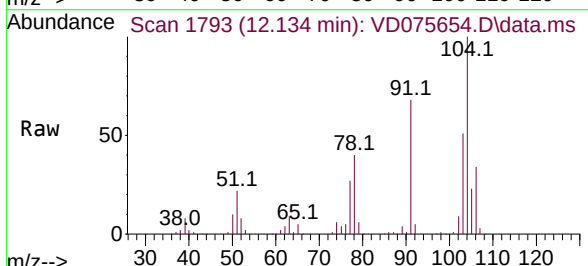
Tgt Ion:106 Resp: 85658
Ion Ratio Lower Upper
106 100
91 197.9 105.7 317.1

Manual Integrations
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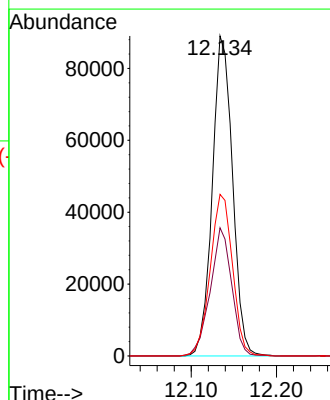
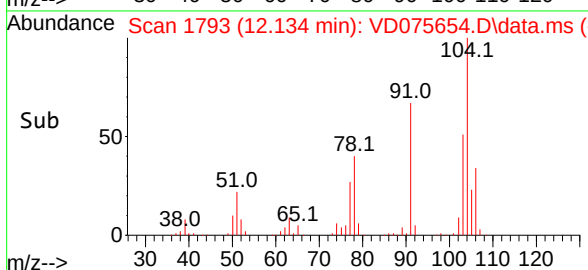
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

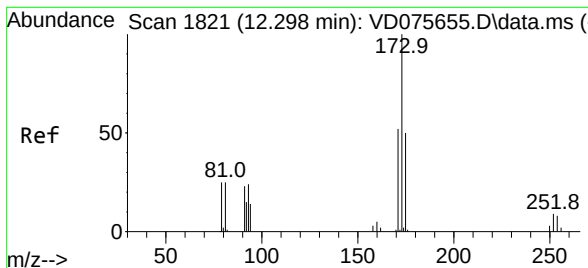


#70
Styrene
Concen: 19.296 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19



Tgt Ion:104 Resp: 147103
Ion Ratio Lower Upper
104 100
78 42.3 40.2 60.4
103 55.5 44.2 66.2





#71

Bromoform

Concen: 19.937 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

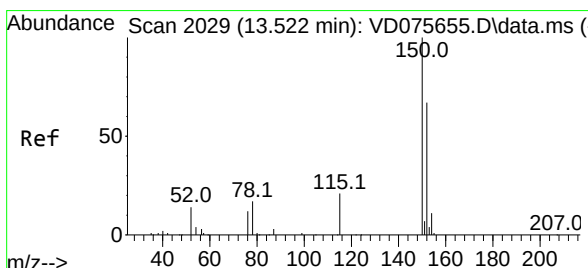
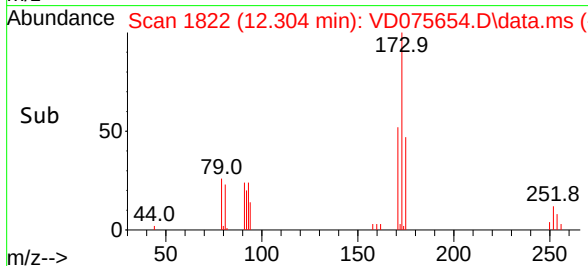
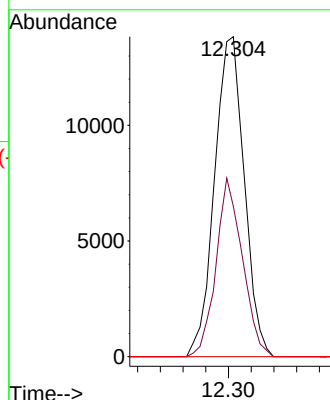
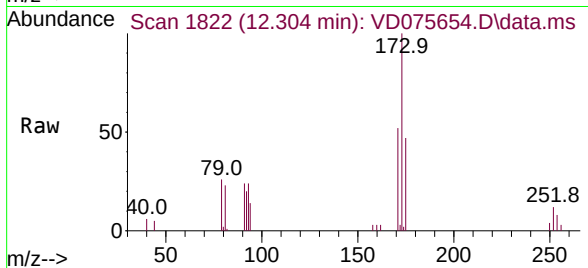
Tgt Ion:173	Resp:	2510
Ion Ratio	Lower	Upper
173	100	
175	49.6	23.5 70.5
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

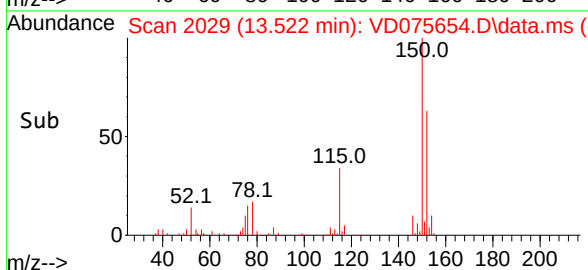
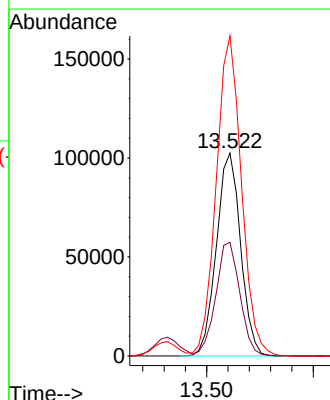
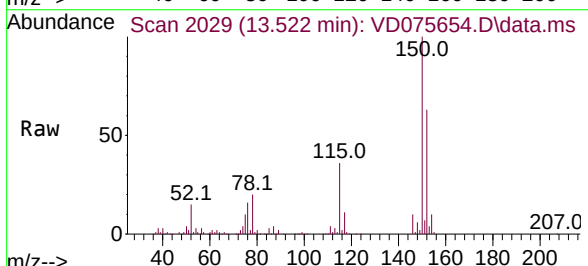
RT: 13.522 min Scan# 2029

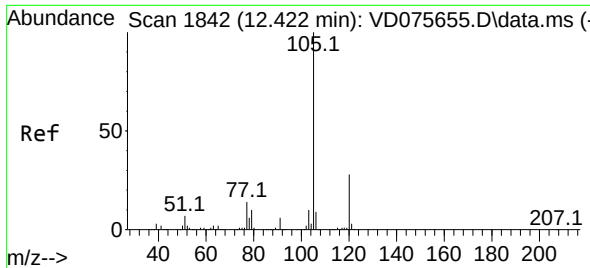
Delta R.T. -0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

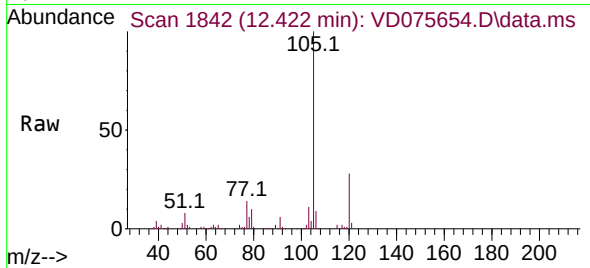
Tgt Ion:152	Resp:	161459
Ion Ratio	Lower	Upper
152	100	
115	55.8	30.1 90.3
150	164.7	0.0 364.8





#73
Isopropylbenzene
Concen: 20.464 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

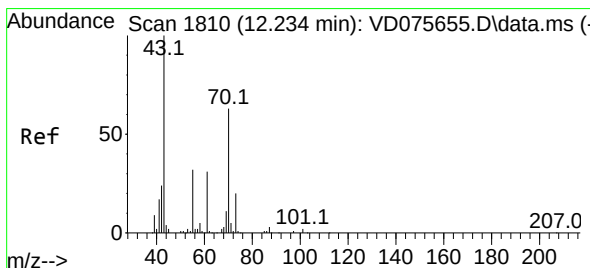
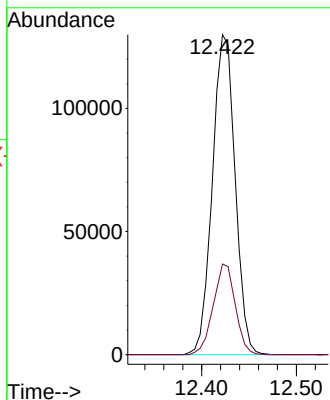
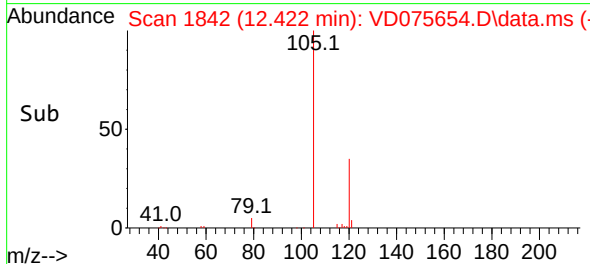
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 216849
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1

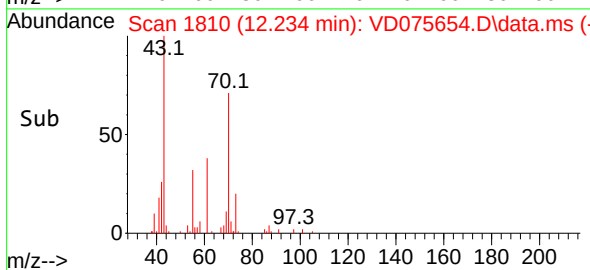
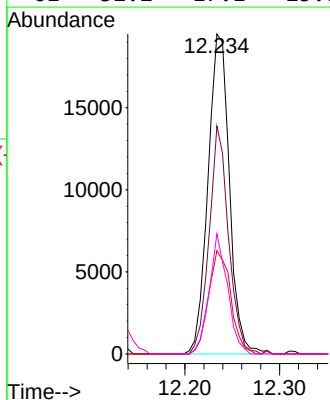
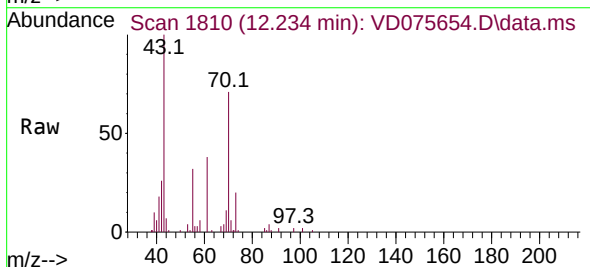
Manual Integrations
APPROVED

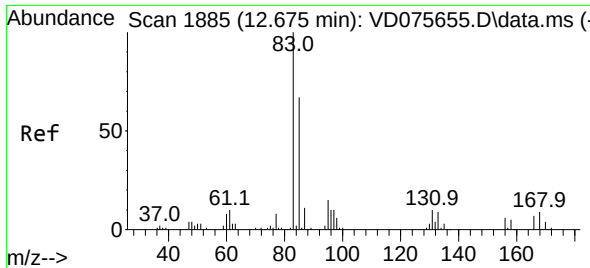
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#74
N-ethyl acetate
Concen: 19.707 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

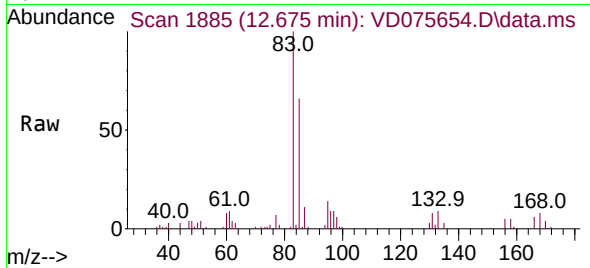
Tgt Ion: 43 Resp: 30686
Ion Ratio Lower Upper
43 100
70 64.4 31.0 46.4#
55 33.4 18.6 28.0#
61 32.2 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.284 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

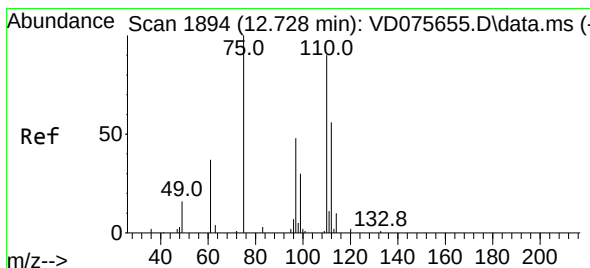
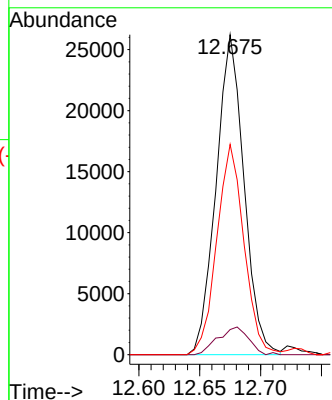
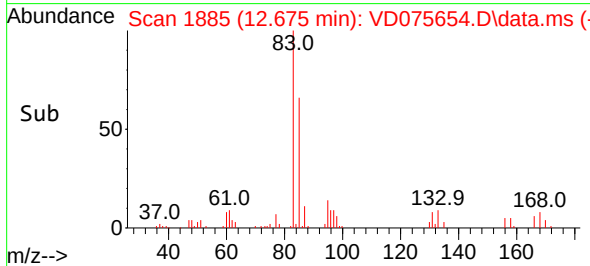
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 41754
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 64.1 33.6 100.6

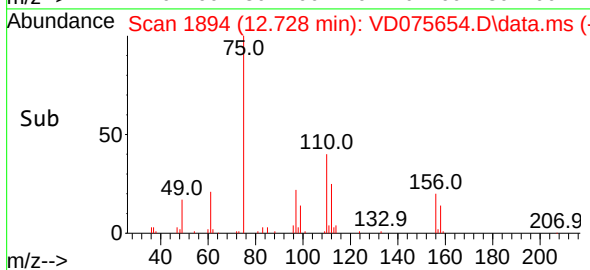
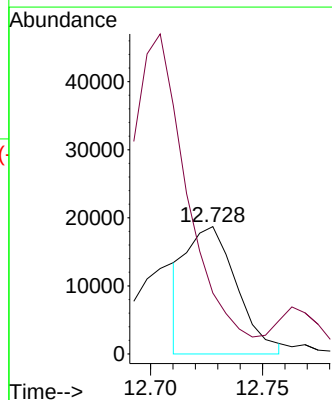
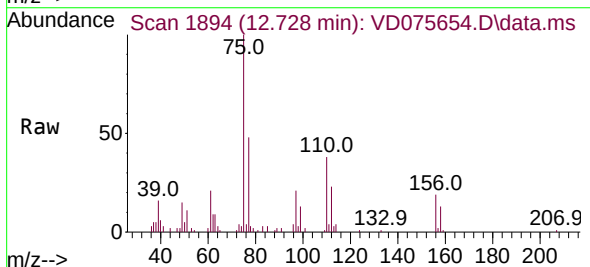
Manual Integrations
APPROVED

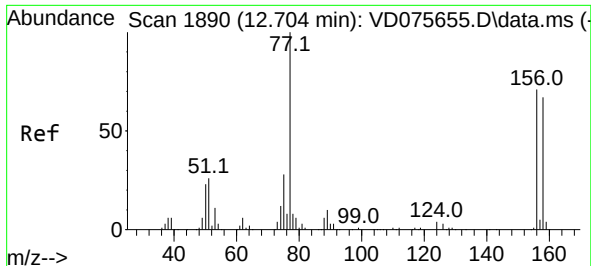
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#76
1,2,3-Trichloropropane
Concen: 25.048 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

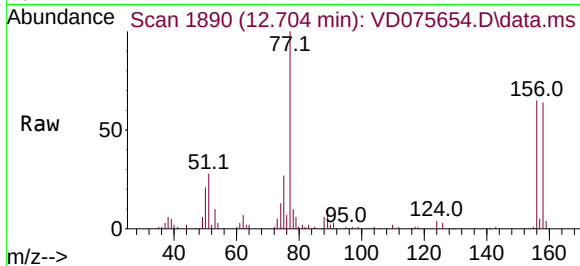
Tgt Ion: 75 Resp: 29351
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.344 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

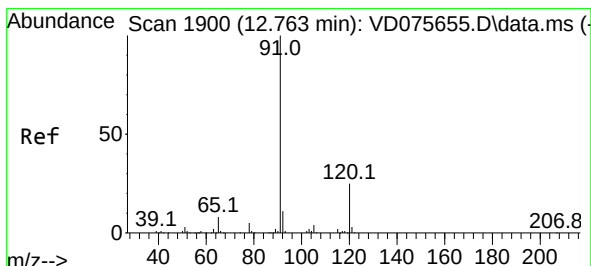
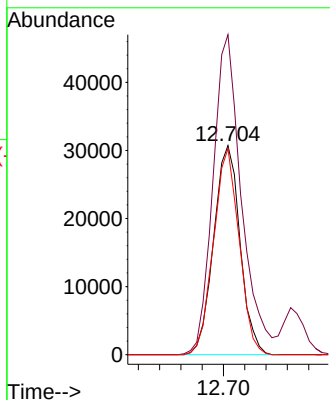
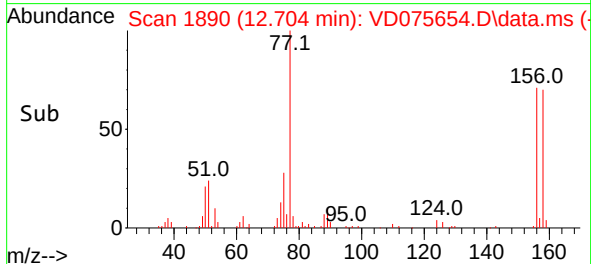
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



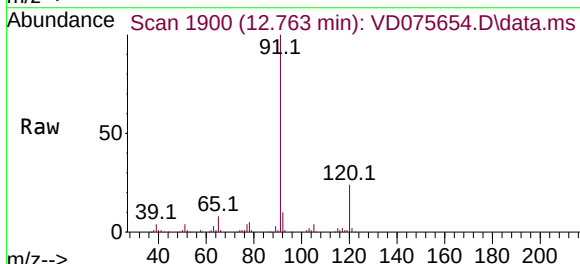
Tgt Ion:156 Resp: 52849
Ion Ratio Lower Upper
156 100
77 164.5 89.5 268.6
158 95.4 47.8 143.4

Manual Integrations
APPROVED

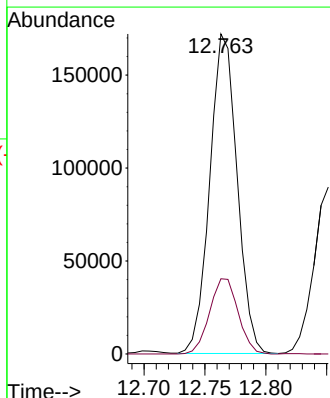
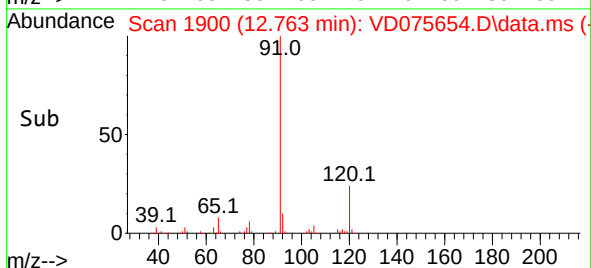
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

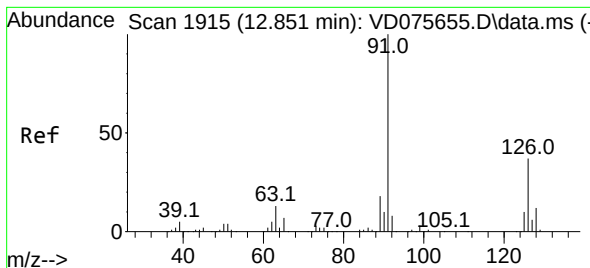


#78
n-propylbenzene
Concen: 20.698 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19



Tgt Ion: 91 Resp: 268851
Ion Ratio Lower Upper
91 100
120 24.5 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.324 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 149729

Ion Ratio Lower Upper

91 100

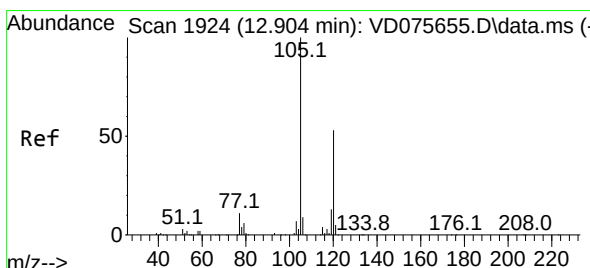
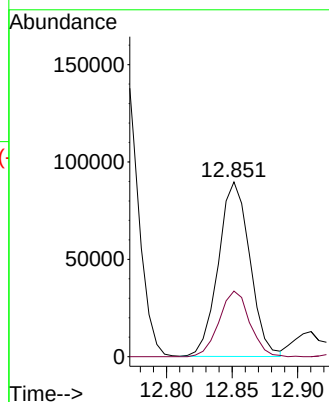
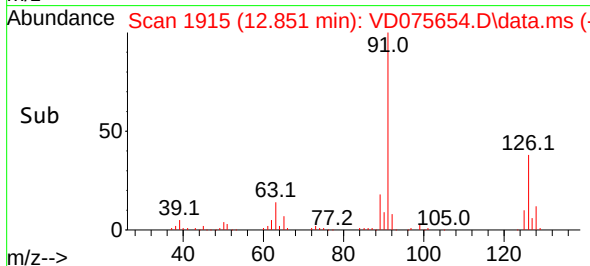
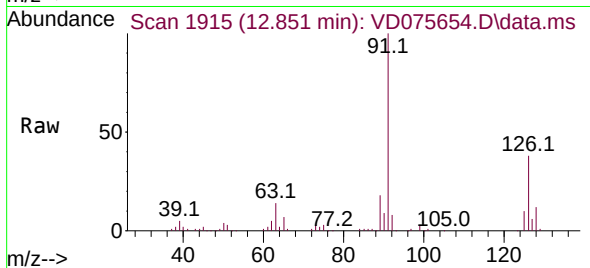
126 36.5 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.725 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075654.D

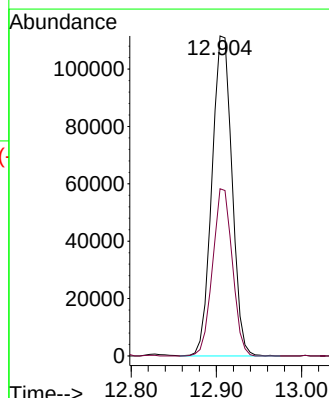
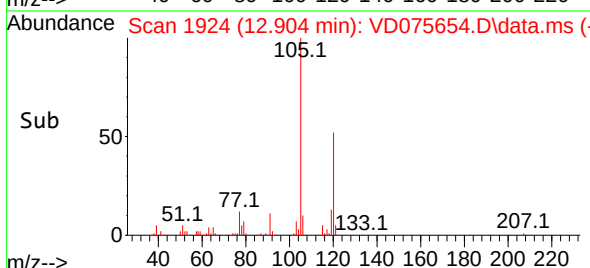
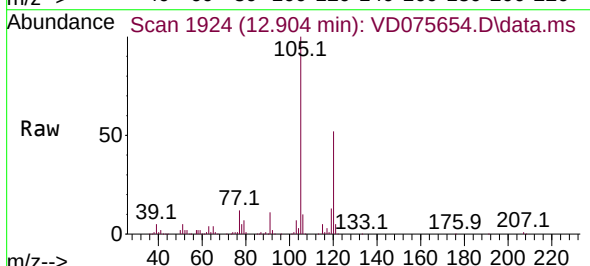
Acq: 13 Apr 2023 11:19

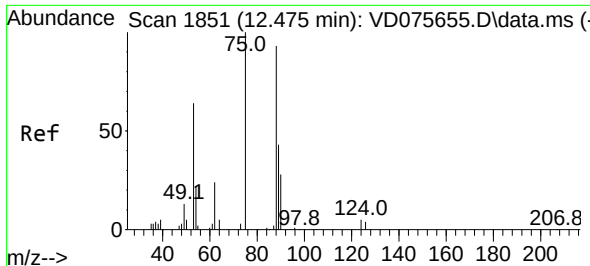
Tgt Ion:105 Resp: 183079

Ion Ratio Lower Upper

105 100

120 51.4 24.3 72.8





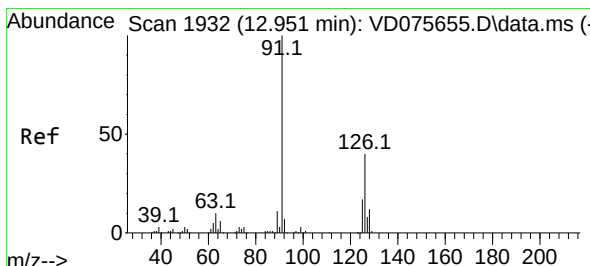
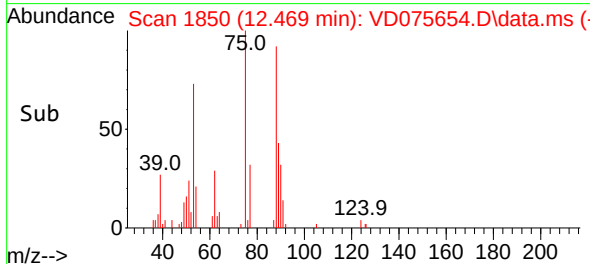
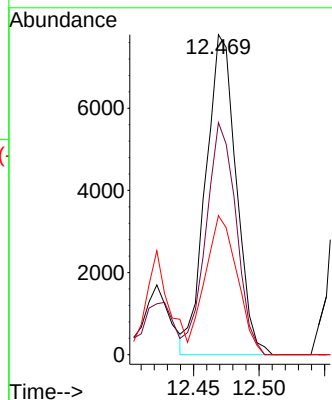
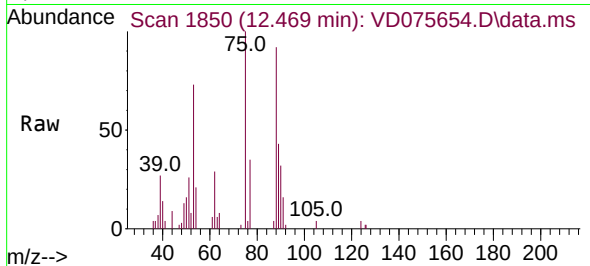
#81
trans-1,4-Dichloro-2-butene
Concen: 20.698 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 12574
Ion Ratio Lower Upper
75 100
53 72.3 90.5 135.7
89 45.5 40.2 60.4

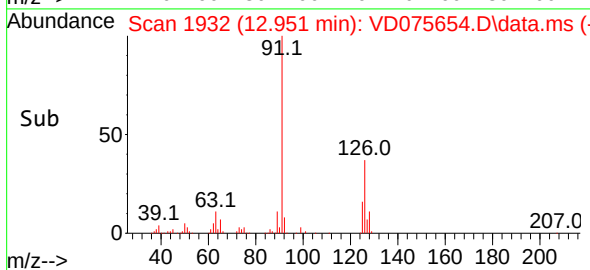
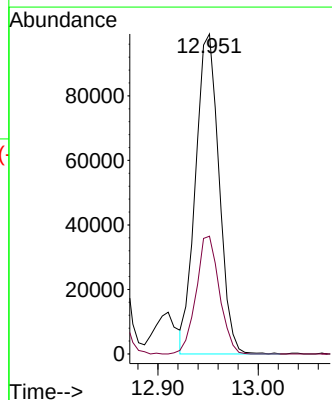
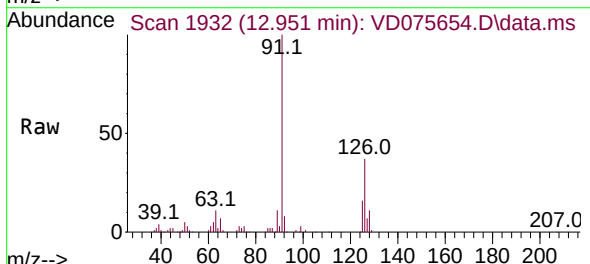
Manual Integrations
APPROVED

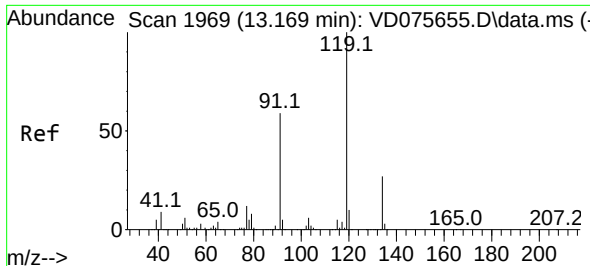
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#82
4-Chlorotoluene
Concen: 21.056 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 91 Resp: 161296
Ion Ratio Lower Upper
91 100
126 36.4 17.1 51.2





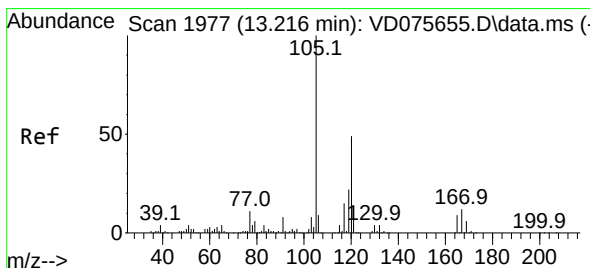
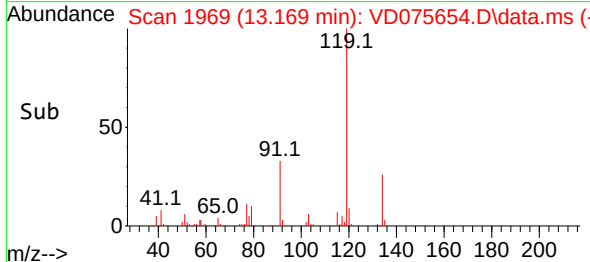
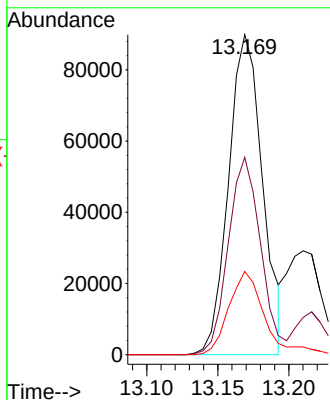
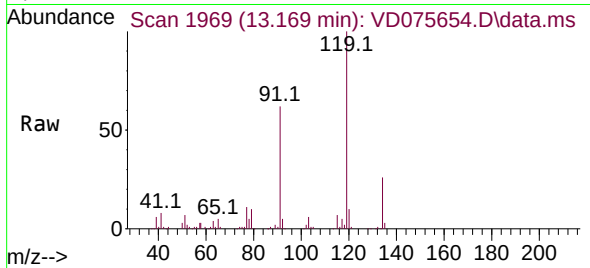
#83
tert-Butylbenzene
Concen: 20.067 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 149469
Ion Ratio Lower Upper
119 100
91 59.1 32.4 97.0
134 27.3 13.0 39.0

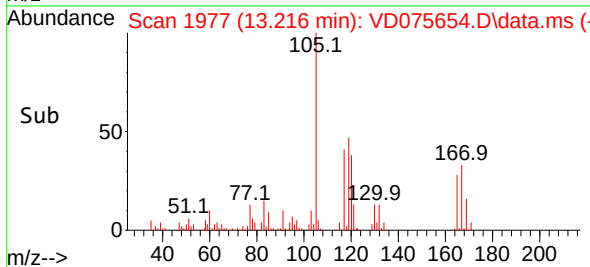
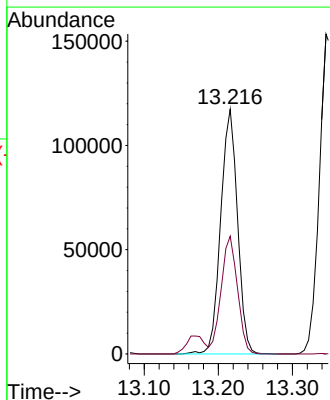
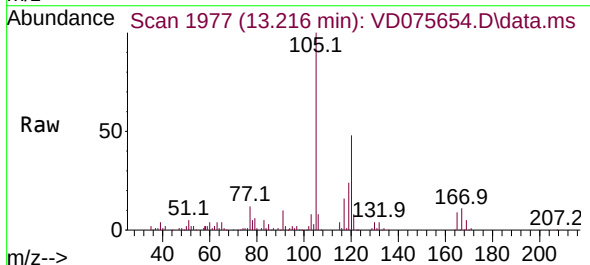
Manual Integrations
APPROVED

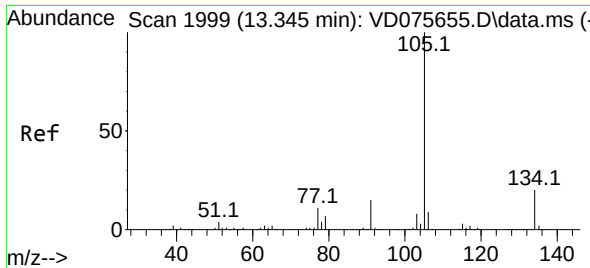
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.867 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

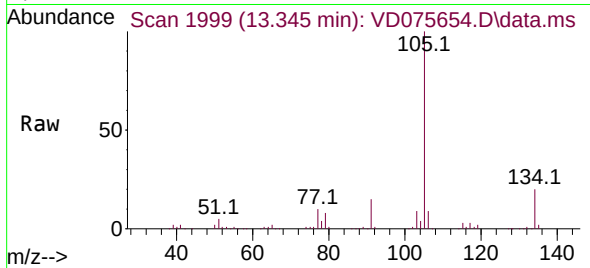
Tgt Ion:105 Resp: 184973
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.751 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19

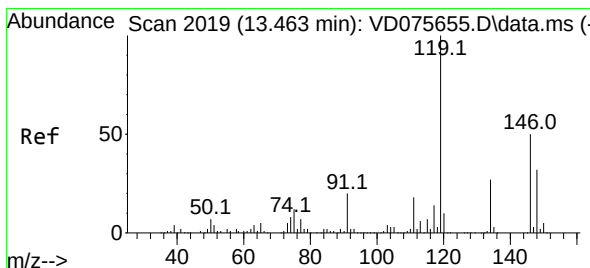
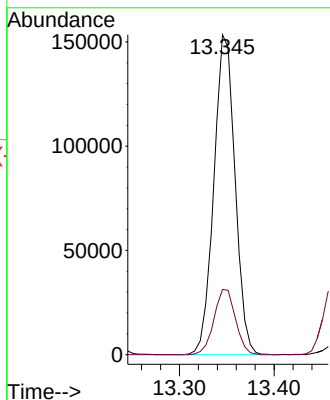
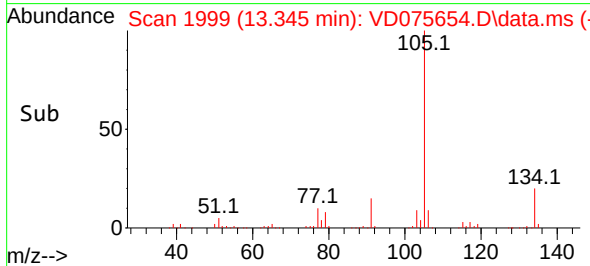
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



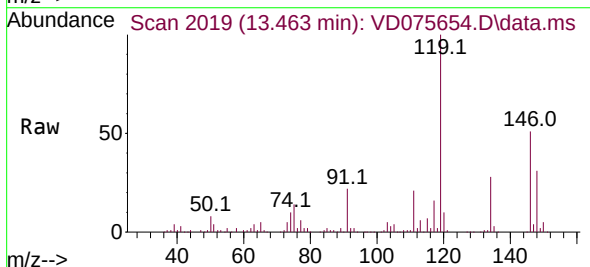
Tgt Ion:105 Resp: 23845
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.9 29.7

Manual Integrations
 APPROVED

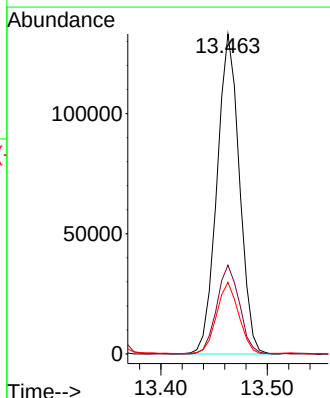
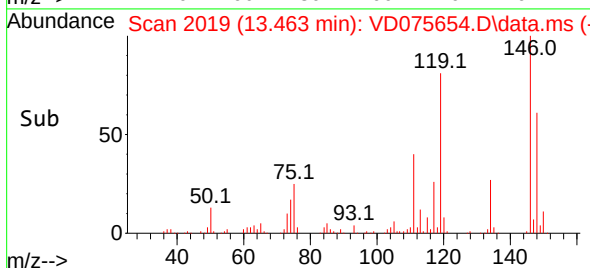
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

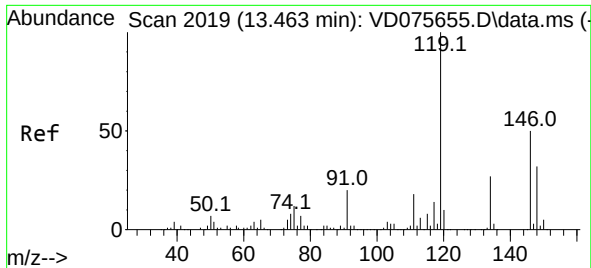


#86
 p-Isopropyltoluene
 Concen: 20.359 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19



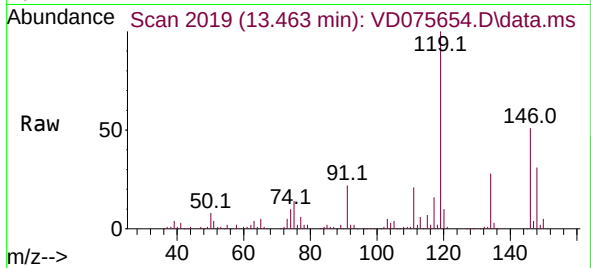
Tgt Ion:119 Resp: 194755
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.1 39.3
 91 22.2 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 19.645 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19

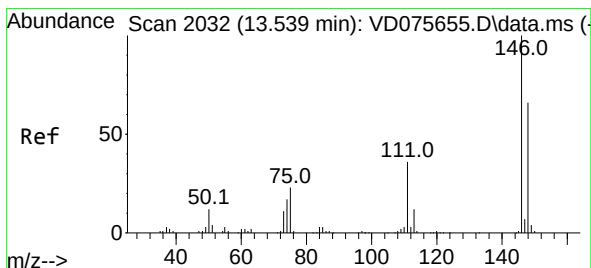
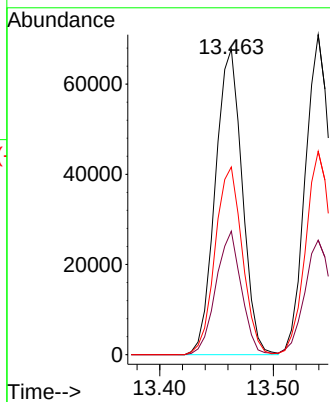
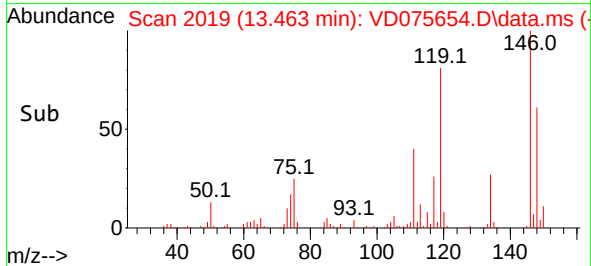
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



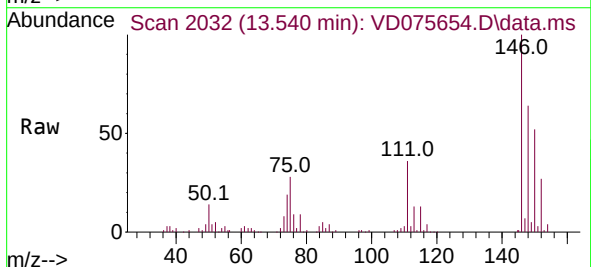
Tgt Ion:146 Resp: 11164
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.8 59.3
 148 62.1 31.0 93.0

Manual Integrations
 APPROVED

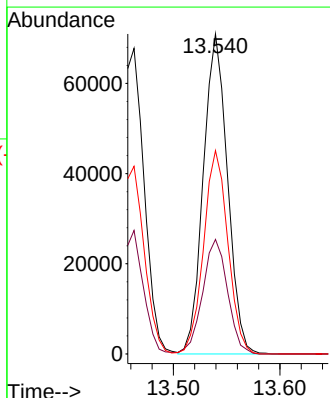
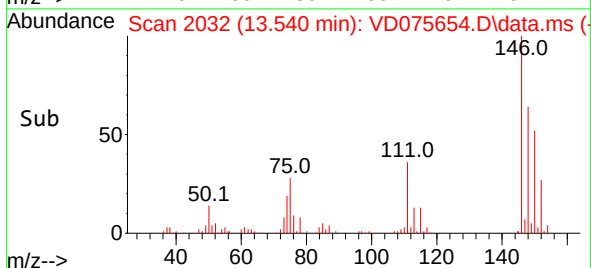
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

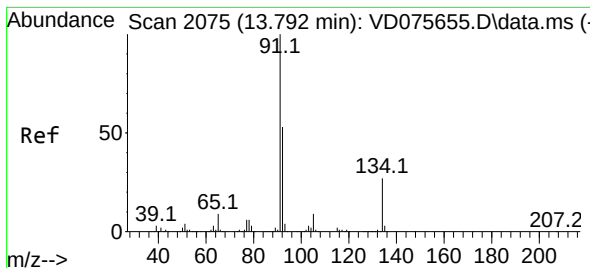


#88
 1,4-Dichlorobenzene
 Concen: 19.940 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD075654.D
 Acq: 13 Apr 2023 11:19



Tgt Ion:146 Resp: 111954
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.6 58.8
 148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 20.824 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

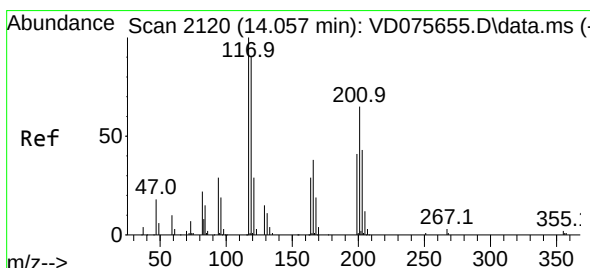
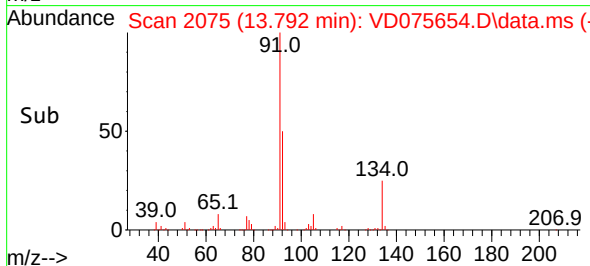
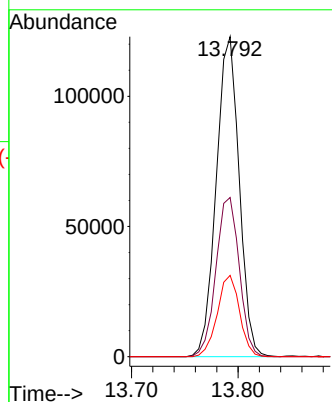
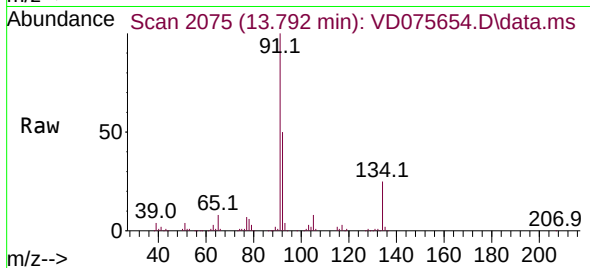
Tgt Ion:	91	Resp:	183490
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.2	78.5
134	24.7	12.7	38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#90

Hexachloroethane

Concen: 20.105 ug/l

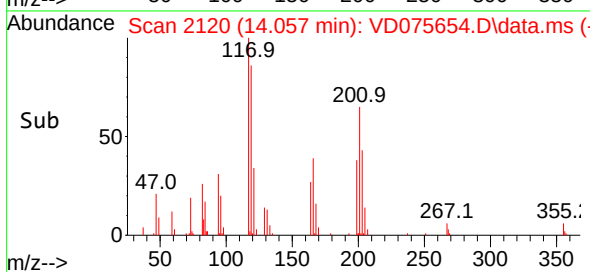
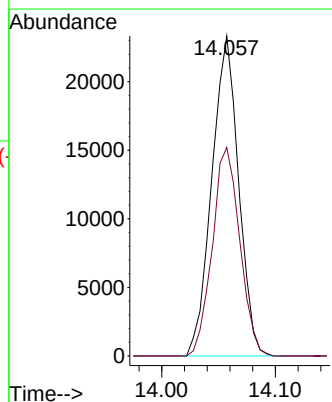
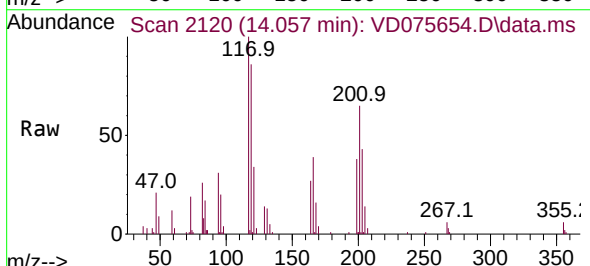
RT: 14.057 min Scan# 2120

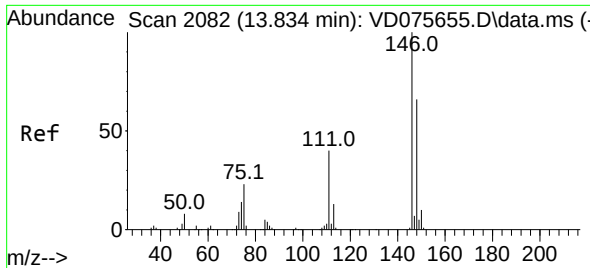
Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion:	117	Resp:	38212
Ion Ratio	Lower	Upper	
117	100		
201	66.9	34.5	103.6





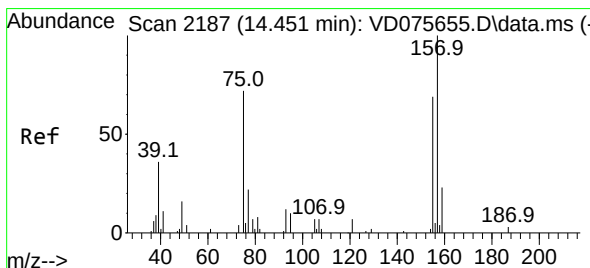
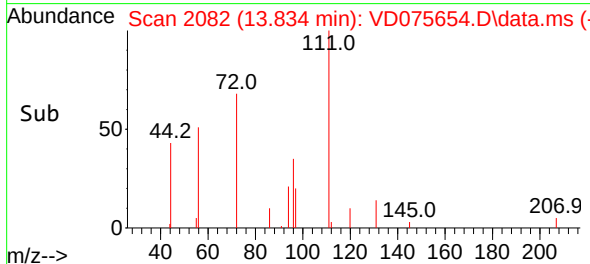
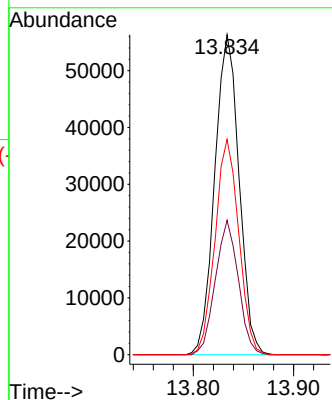
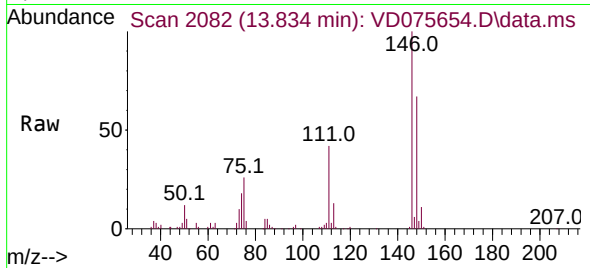
#91
1,2-Dichlorobenzene
Concen: 19.496 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 94914
Ion Ratio Lower Upper
146 100
111 39.6 20.6 61.8
148 65.7 32.0 96.2

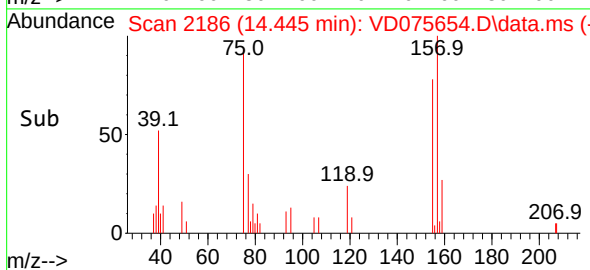
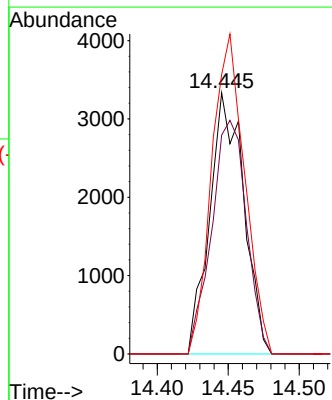
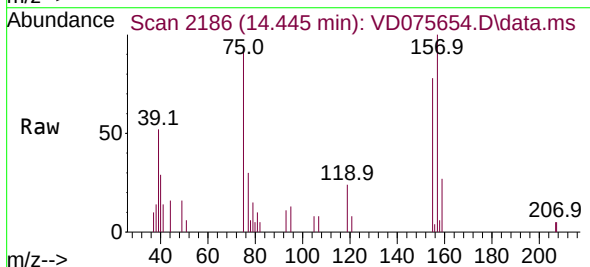
Manual Integrations
APPROVED

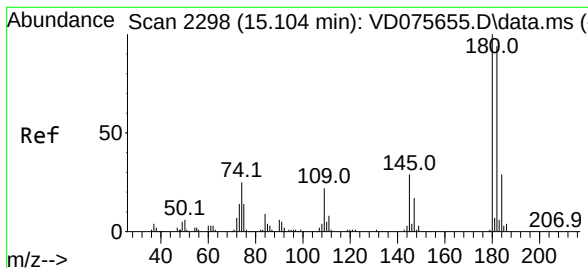
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.156 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion: 75 Resp: 5562
Ion Ratio Lower Upper
75 100
155 91.3 39.5 118.5
157 118.1 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 18.026 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

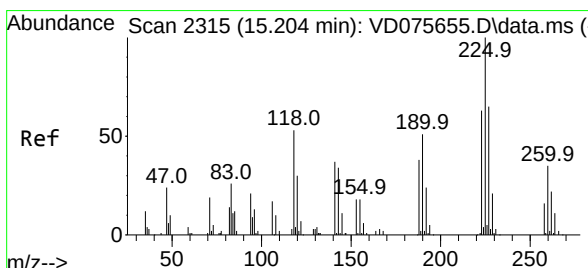
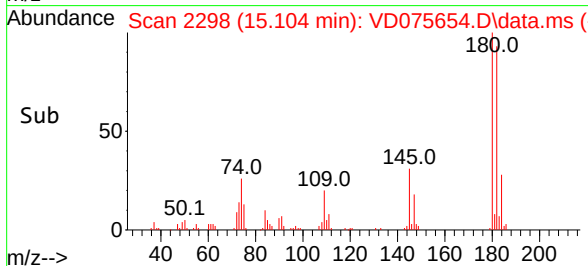
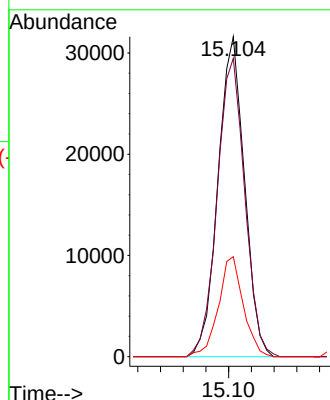
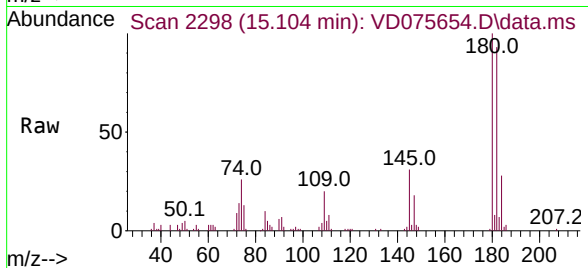
Tgt Ion:	180	Resp:	51054
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.9	143.7
145	29.5	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#94

Hexachlorobutadiene

Concen: 19.111 ug/l

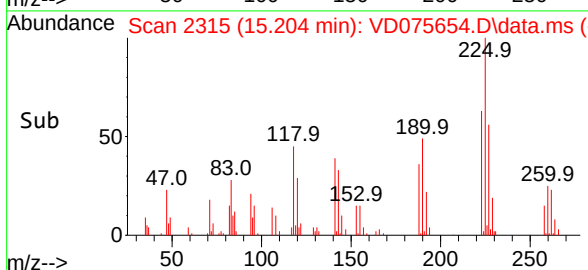
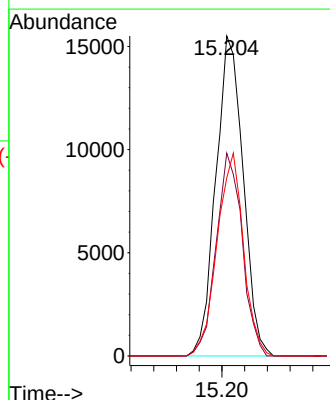
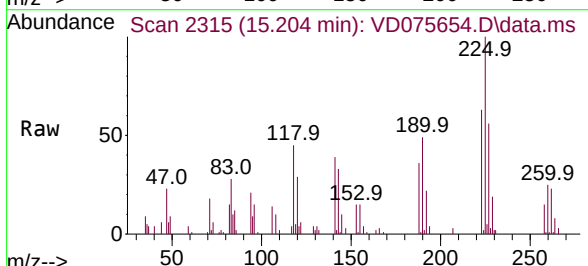
RT: 15.204 min Scan# 2315

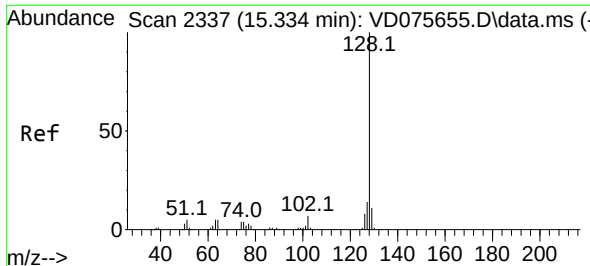
Delta R.T. 0.000 min

Lab File: VD075654.D

Acq: 13 Apr 2023 11:19

Tgt Ion:	225	Resp:	25872
Ion Ratio	Lower	Upper	
225	100		
223	60.6	33.1	99.2
227	61.3	31.9	95.9





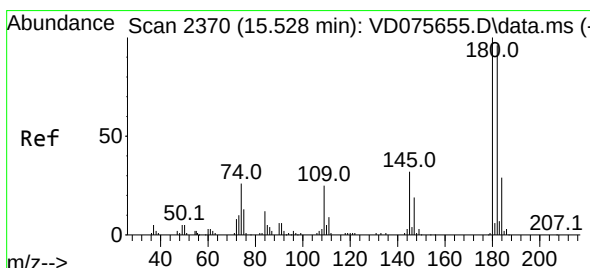
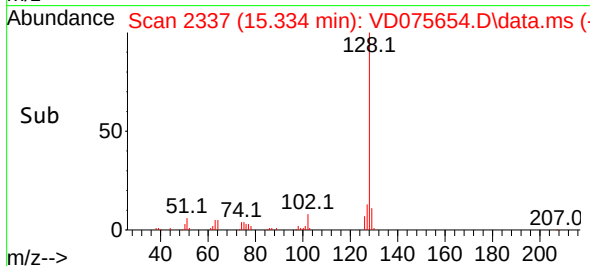
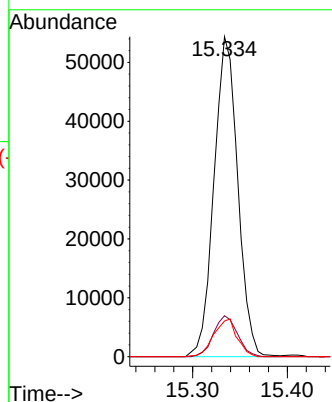
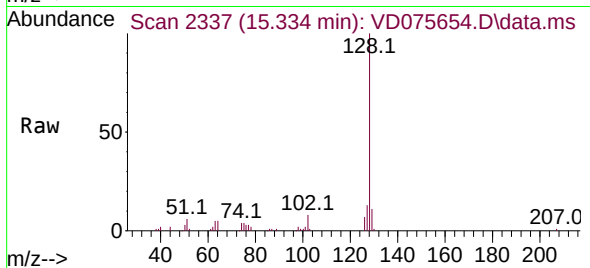
#95
Naphthalene
Concen: 17.650 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 9470
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.282 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075654.D
Acq: 13 Apr 2023 11:19

Tgt Ion:180 Resp: 45575
Ion Ratio Lower Upper
180 100
182 94.5 47.7 143.1
145 32.0 16.4 49.4

