

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074656.D
 Acq On : 27 Oct 2022 17:22
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 23:52:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	111703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1219	1.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	2.980%#		
35) Dibromofluoromethane	7.799	113	1631	1.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	3.500%#		
50) Toluene-d8	10.269	98	5730	1.844	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	3.680%#		
62) 4-Bromofluorobenzene	12.569	95	2209	2.175	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	4.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16776	20.366	ug/l	95
3) Chloromethane	2.140	50	15946	14.015	ug/l	98
4) Vinyl Chloride	2.281	62	22353	17.739	ug/l #	87
5) Bromomethane	2.693	94	16141	16.800	ug/l	91
6) Chloroethane	2.834	64	12320	14.295	ug/l	99
7) Trichlorofluoromethane	3.169	101	27945	16.106	ug/l	91
8) Diethyl Ether	3.593	74	2991	6.021	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	17884	16.147	ug/l	98
10) Methyl Iodide	4.158	142	8342	6.682	ug/l	98
11) Tert butyl alcohol	5.046	59	571	4.278	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	15239	13.684	ug/l	83
13) Acrolein	3.799	56	1719	20.480	ug/l	97
14) Allyl chloride	4.558	41	11702	9.826	ug/l	93
15) Acrylonitrile	5.252	53	4009	20.000	ug/l #	59
16) Acetone	4.016	43	3857	22.166	ug/l	90
17) Carbon Disulfide	4.269	76	44151	14.107	ug/l	99
18) Methyl Acetate	4.558	43	2324	4.480	ug/l	95
19) Methyl tert-butyl Ether	5.311	73	11250	5.214	ug/l	93
20) Methylene Chloride	4.799	84	16830	9.146	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	14200	11.370	ug/l	84
22) Diisopropyl ether	6.216	45	15962	6.558	ug/l #	87
23) Vinyl Acetate	6.158	43	28941m	27.619	ug/l	
24) 1,1-Dichloroethane	6.105	63	19203	10.252	ug/l	98
25) 2-Butanone	7.081	43	4739	20.405	ug/l	96
26) 2,2-Dichloropropane	7.069	77	19348	10.828	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	12310	8.968	ug/l	98
28) Bromochloromethane	7.428	49	8851	18.699	ug/l #	97
29) Tetrahydrofuran	7.452	42	2307	18.143	ug/l	92
30) Chloroform	7.593	83	18866	9.339	ug/l	94
31) Cyclohexane	7.881	56	24205	14.861	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	22379	12.088	ug/l	98
36) 1,1-Dichloropropene	8.004	75	19507	14.456	ug/l	99
37) Ethyl Acetate	7.169	43	2142	5.122	ug/l #	66
38) Carbon Tetrachloride	7.987	117	19178	14.627	ug/l	96
39) Methylcyclohexane	9.275	83	28959	17.918	ug/l	93
40) Benzene	8.252	78	46052	11.577	ug/l	95

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Oct 27 23:52:39 2022
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	1047	4.498	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	7652	8.338	ug/l	99
43) Isopropyl Acetate	8.363	43	3879	4.977	ug/l #	80
44) Trichloroethene	9.022	130	15415	13.209	ug/l	92
45) 1,2-Dichloropropane	9.310	63	9482	10.841	ug/l	94
46) Dibromomethane	9.399	93	3756	7.460	ug/l	100
47) Bromodichloromethane	9.587	83	11162	9.003	ug/l	97
48) Methyl methacrylate	9.375	41	1948	5.442	ug/l	92
49) 1,4-Dioxane	9.375	88	424	85.509	ug/l #	47
51) 4-Methyl-2-Pentanone	10.157	43	8886	22.870	ug/l	95
52) Toluene	10.334	92	27769	11.271	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	8044	7.362	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	11614	8.396	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	5338	7.724	ug/l #	92
56) Ethyl methacrylate	10.598	69	4138	5.489	ug/l	95
57) 1,3-Dichloropropane	10.875	76	8503	7.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	5780	34.403	ug/l	96
59) 2-Hexanone	10.922	43	5738	21.515	ug/l	96
60) Dibromochloromethane	11.069	129	6678	8.007	ug/l	97
61) 1,2-Dibromoethane	11.181	107	4815	7.594	ug/l	100
64) Tetrachloroethene	10.810	164	15006	18.161	ug/l	92
65) Chlorobenzene	11.610	112	27880	11.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	8909	11.103	ug/l	99
67) Ethyl Benzene	11.681	91	53389	13.021	ug/l	98
68) m/p-Xylenes	11.793	106	42188	25.706	ug/l	96
69) o-Xylene	12.122	106	18175	12.049	ug/l	93
70) Styrene	12.134	104	27568	10.865	ug/l	99
71) Bromoform	12.298	173	3459	8.241	ug/l #	93
73) Isopropylbenzene	12.422	105	54776	14.586	ug/l	99
74) N-amyl acetate	12.234	43	3684	6.613	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	4358	7.327	ug/l	92
76) 1,2,3-Trichloropropane	12.728	75	2395m	5.775	ug/l	
77) Bromobenzene	12.698	156	9084	10.712	ug/l	97
78) n-propylbenzene	12.763	91	64867	14.534	ug/l	99
79) 2-Chlorotoluene	12.851	91	32243	13.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	40748	13.282	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	926	5.638	ug/l	96
82) 4-Chlorotoluene	12.945	91	32342	13.012	ug/l	99
83) tert-Butylbenzene	13.163	119	39459	14.429	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	37208	12.355	ug/l	98
85) sec-Butylbenzene	13.345	105	63715	15.599	ug/l	99
86) p-Isopropyltoluene	13.457	119	48258	14.085	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	21215	11.974	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	21266	12.275	ug/l	98
89) n-Butylbenzene	13.787	91	45328	14.534	ug/l	97
90) Hexachloroethane	14.051	117	8832	14.801	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	16464	11.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	625	7.597	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	9461	9.701	ug/l	95
94) Hexachlorobutadiene	15.204	225	8243	15.505	ug/l	95
95) Naphthalene	15.328	128	12700	6.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	7493	9.014	ug/l	99

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Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

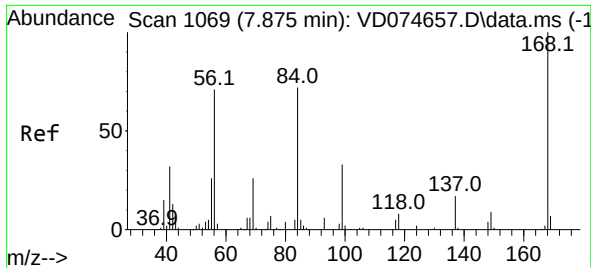
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 23:52:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 23:51:06 2022
Response via : Initial Calibration

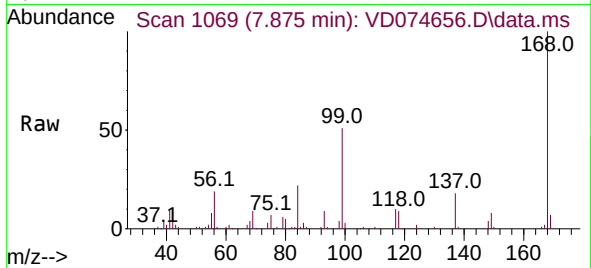
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

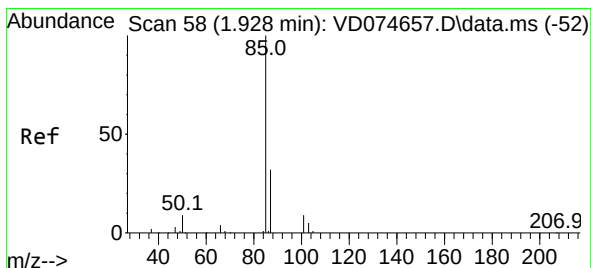
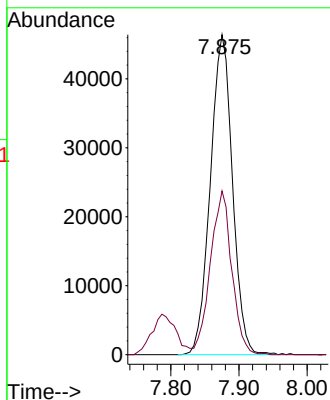
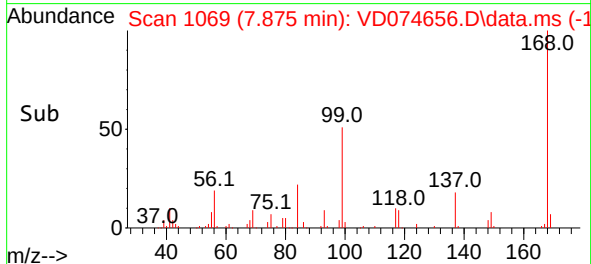
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 104910
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3

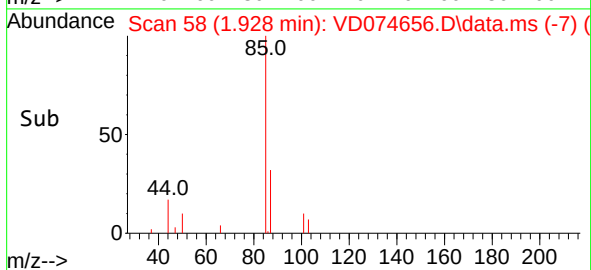
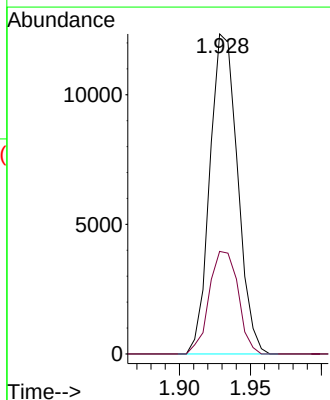
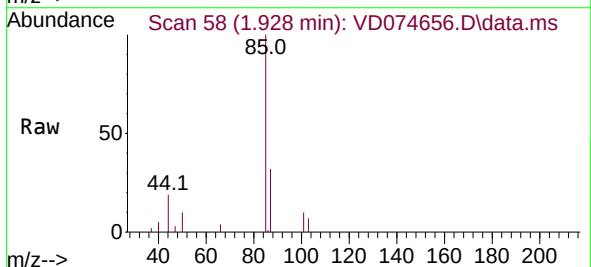
Manual Integrations
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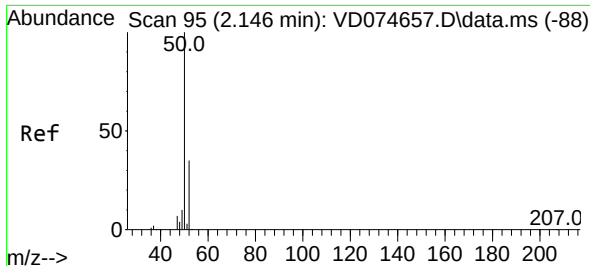
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 20.366 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

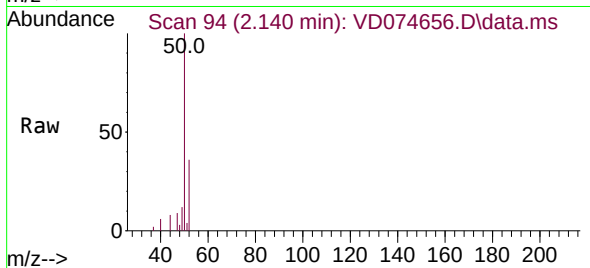
Tgt Ion: 85 Resp: 16776
Ion Ratio Lower Upper
85 100
87 32.0 17.5 52.6





#3
Chloromethane
Concen: 14.015 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

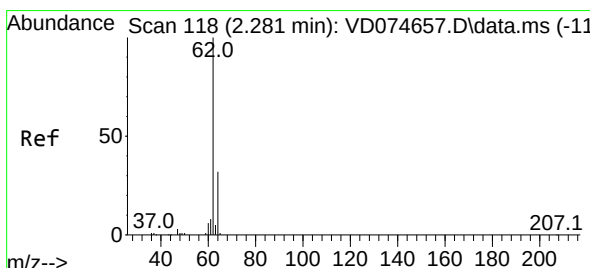
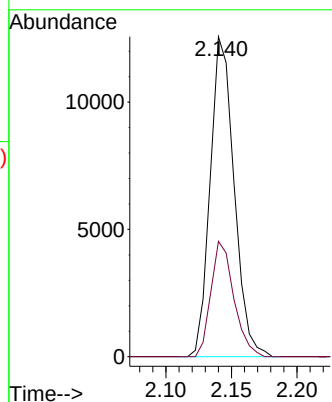
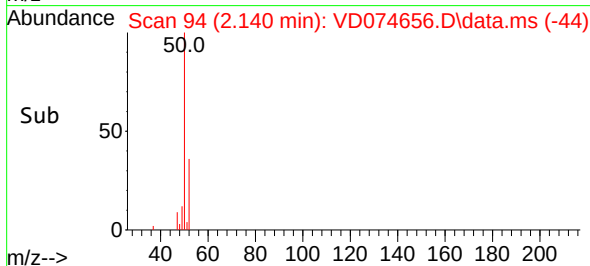
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 15940
Ion Ratio Lower Upper
50 100
52 36.0 30.0 45.0

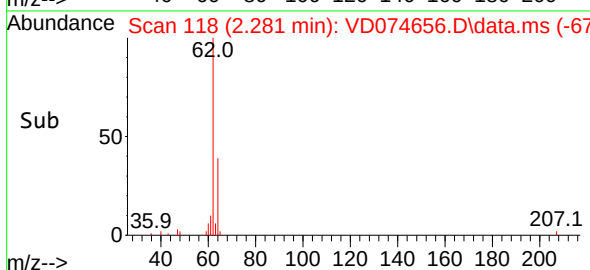
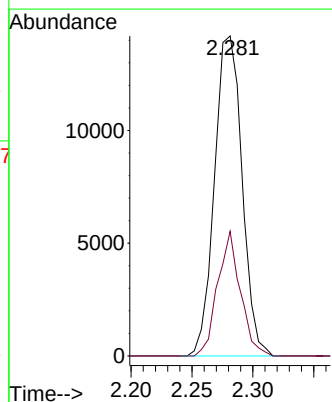
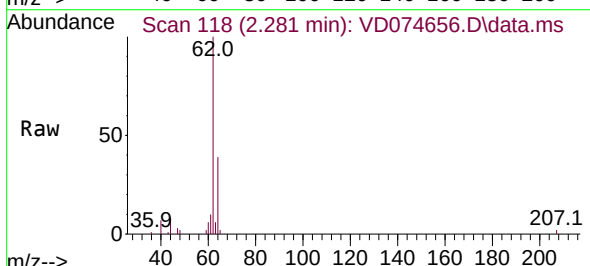
Manual Integrations
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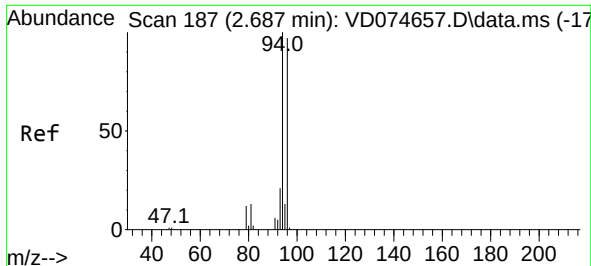
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Vinyl Chloride
Concen: 17.739 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

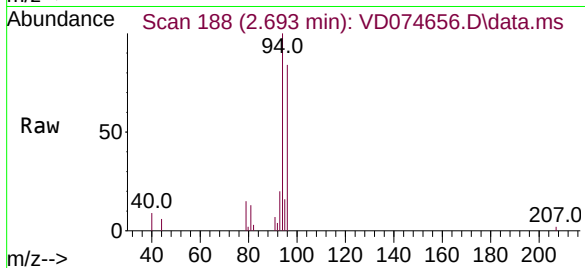
Tgt Ion: 62 Resp: 22353
Ion Ratio Lower Upper
62 100
64 38.9 25.5 38.3#





#5
Bromomethane
Concen: 16.800 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

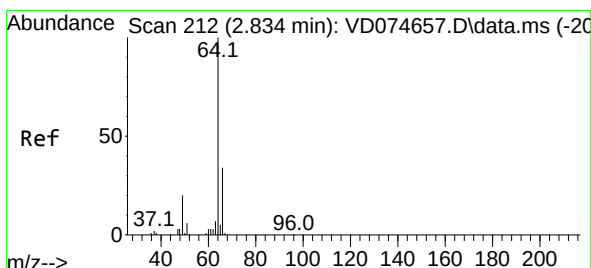
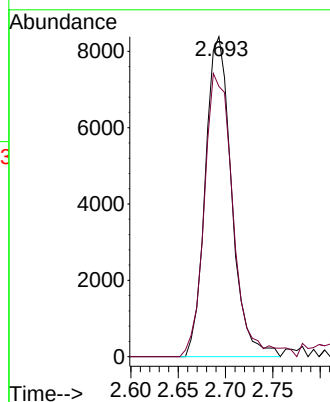
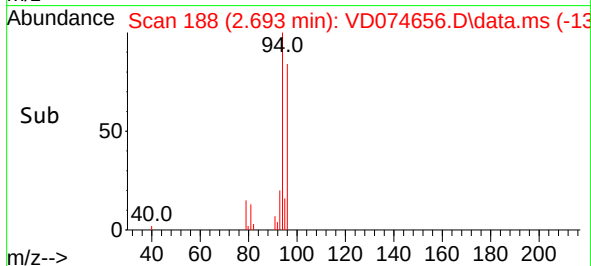
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1614
Ion Ratio Lower Upper
94 100
96 84.4 74.6 112.0

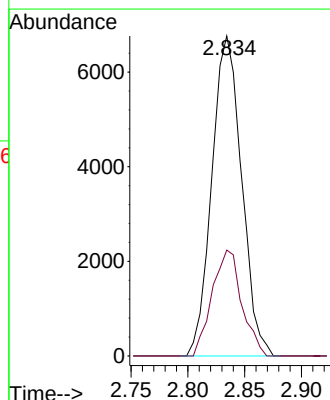
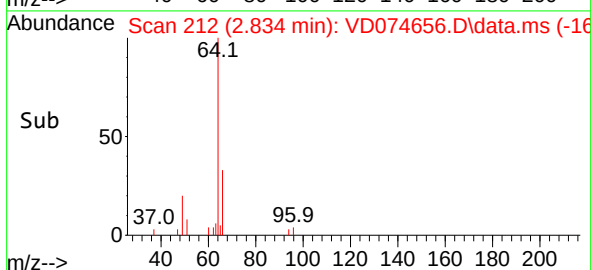
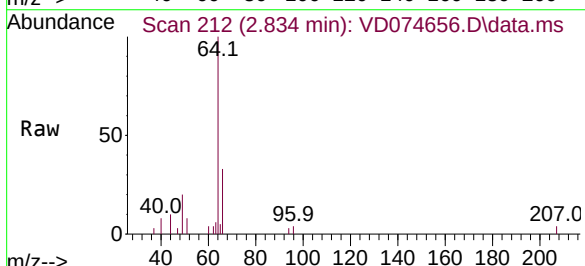
Manual Integrations
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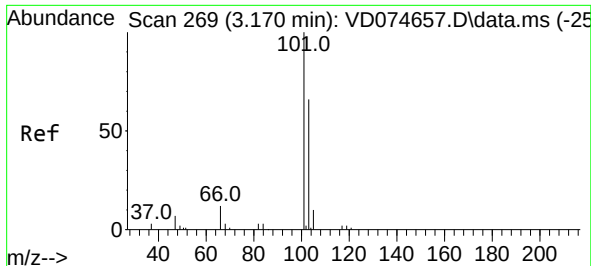
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 14.295 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion: 64 Resp: 12320
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.8





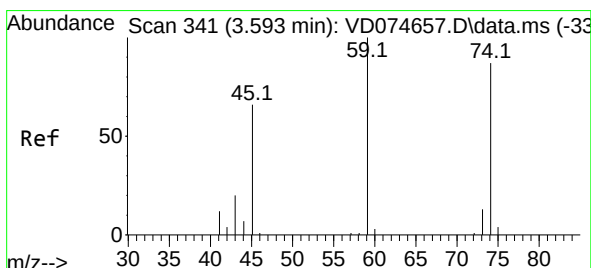
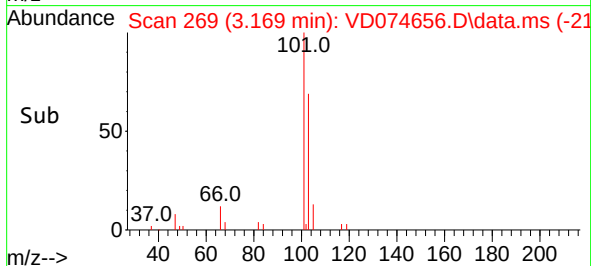
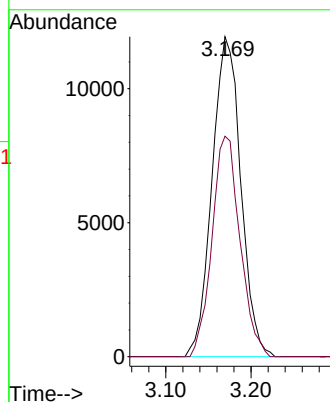
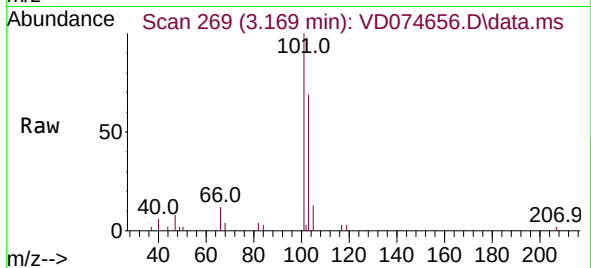
#7
Trichlorofluoromethane
Concen: 16.106 ug/l
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 27945
Ion Ratio Lower Upper
101 100
103 68.9 49.8 74.8

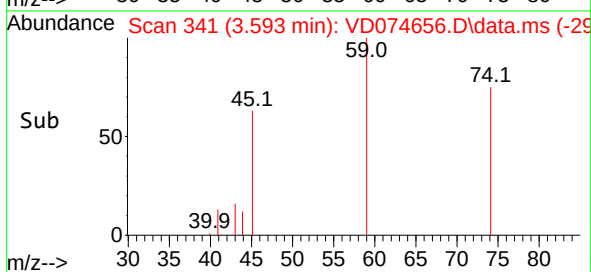
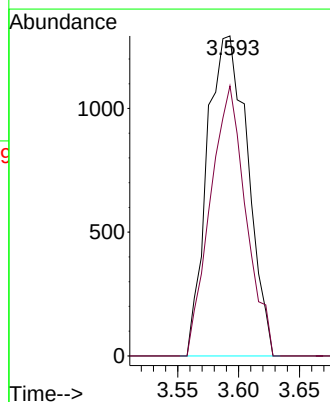
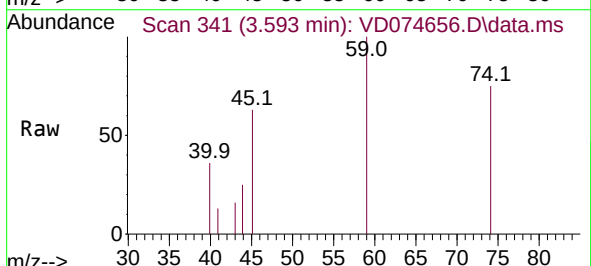
Manual Integrations
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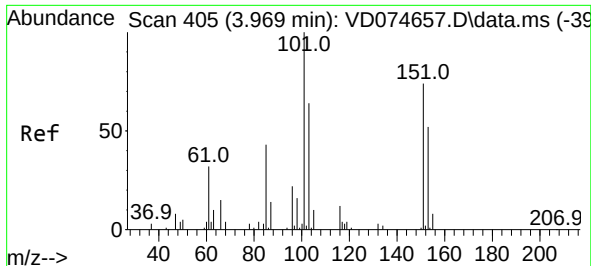
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#8
Diethyl Ether
Concen: 6.021 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion: 74 Resp: 2991
Ion Ratio Lower Upper
74 100
45 74.4 37.9 113.6





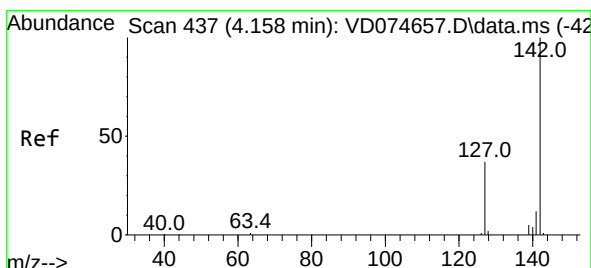
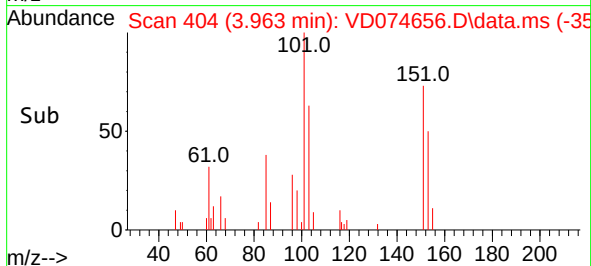
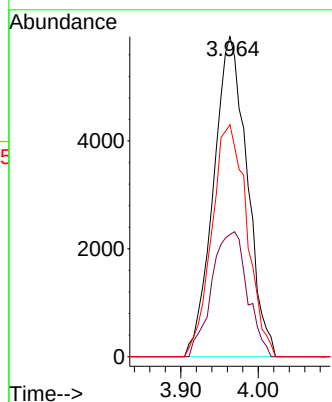
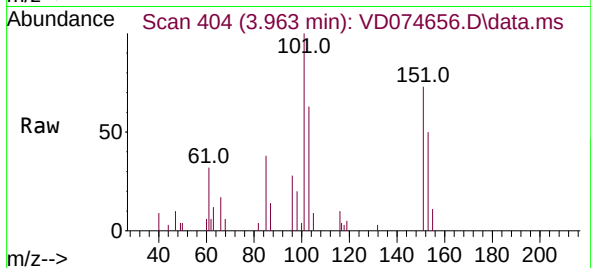
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.147 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 17884
Ion Ratio Lower Upper
101 100
85 41.3 34.1 51.1
151 75.7 61.7 92.5

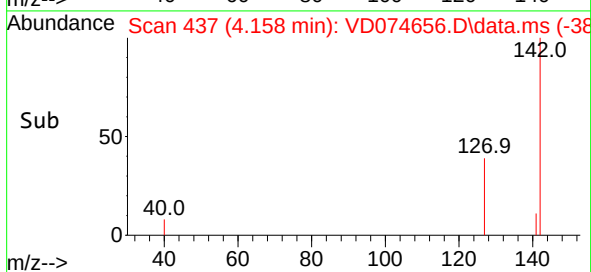
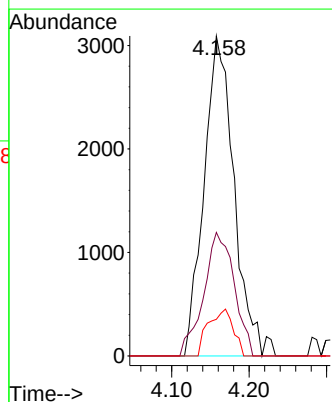
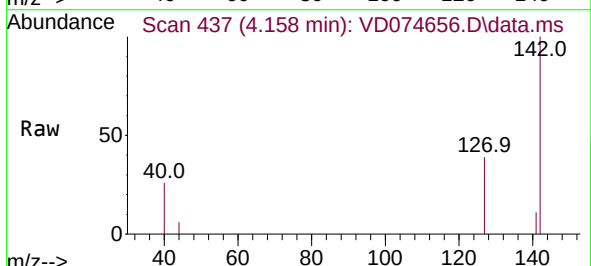
Manual Integrations
APPROVED

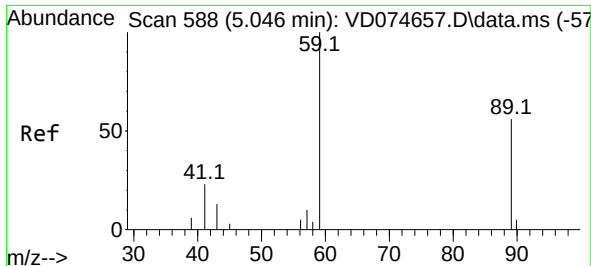
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 6.682 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion:142 Resp: 8342
Ion Ratio Lower Upper
142 100
127 39.2 31.9 47.9
141 12.1 11.4 17.2





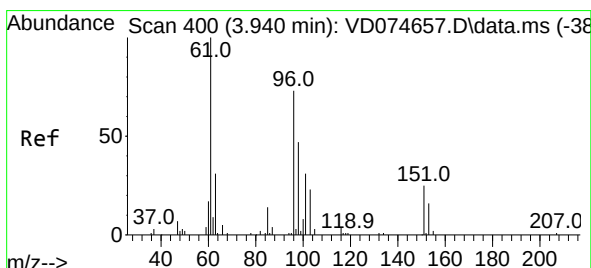
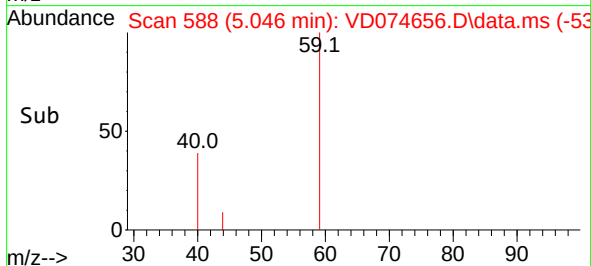
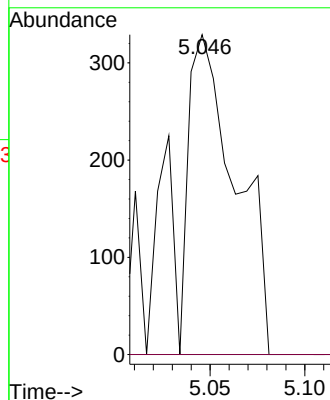
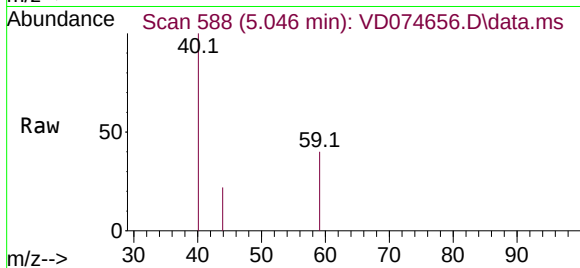
#11
Tert butyl alcohol
Concen: 4.278 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6

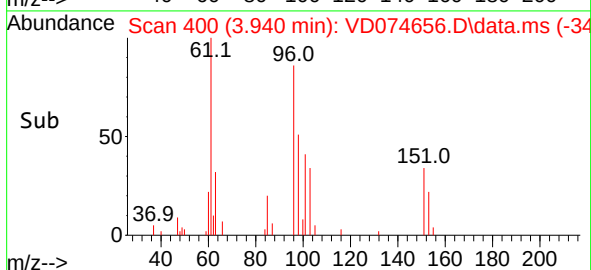
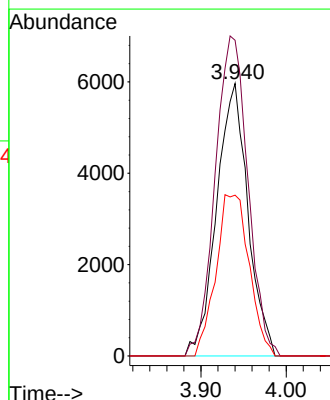
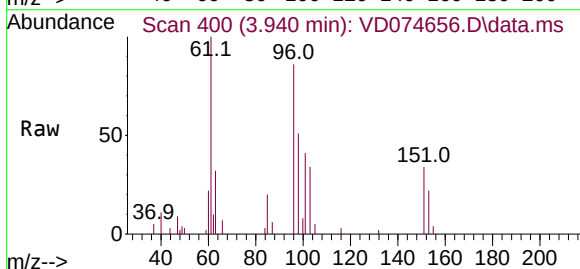
Manual Integrations
APPROVED

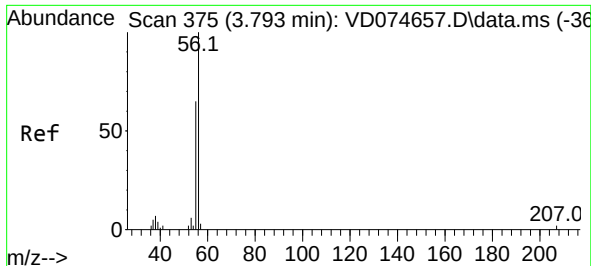
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 13.684 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

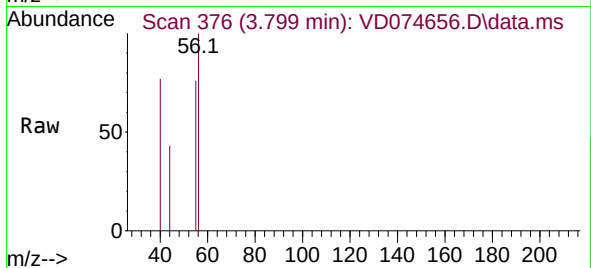
Tgt Ion: 96 Resp: 15239
Ion Ratio Lower Upper
96 100
61 115.8 113.9 170.9
98 59.0 51.8 77.8





#13
Acrolein
Concen: 20.480 ug/l
RT: 3.799 min Scan# 375
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

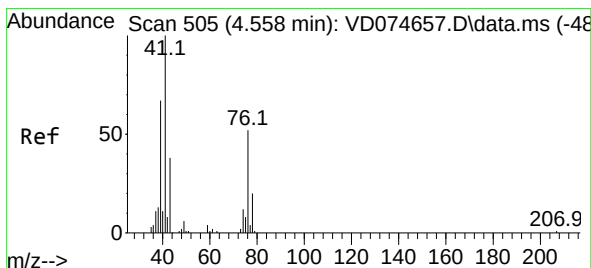
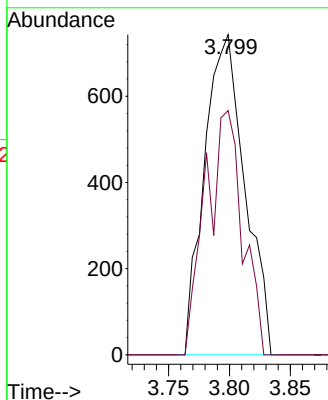
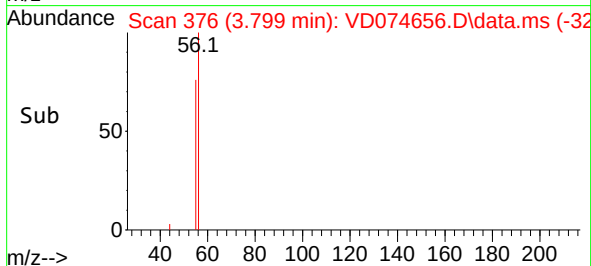
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



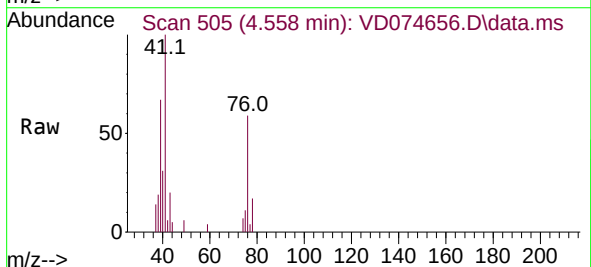
Tgt Ion: 56 Resp: 1719
Ion Ratio Lower Upper
56 100
55 69.9 54.0 81.0

Manual Integrations
APPROVED

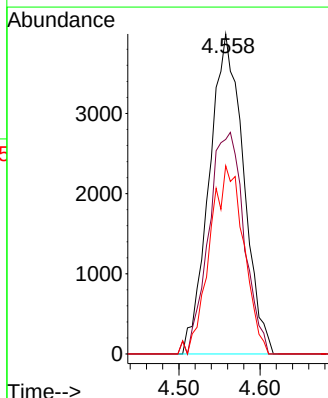
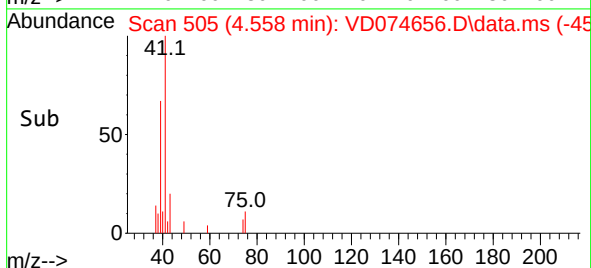
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

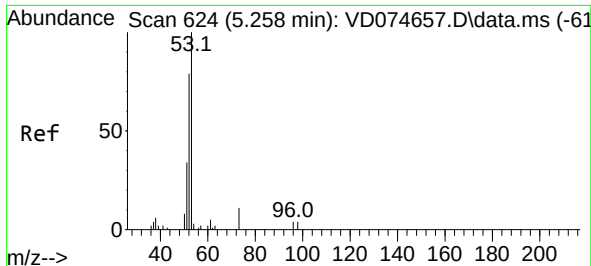


#14
Allyl chloride
Concen: 9.826 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



Tgt Ion: 41 Resp: 11702
Ion Ratio Lower Upper
41 100
39 71.5 53.4 80.2
76 58.5 42.4 63.6





#15

Acrylonitrile

Concen: 20.000 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074656.D

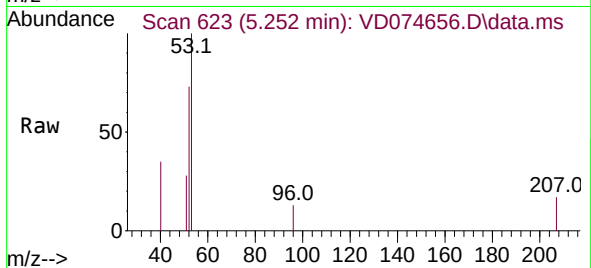
Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005



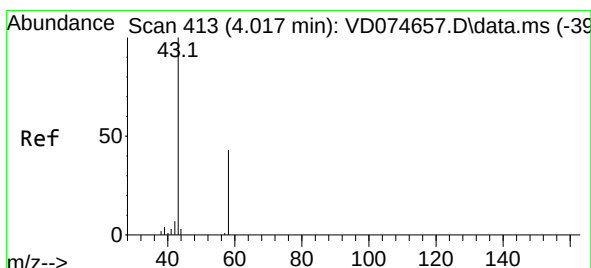
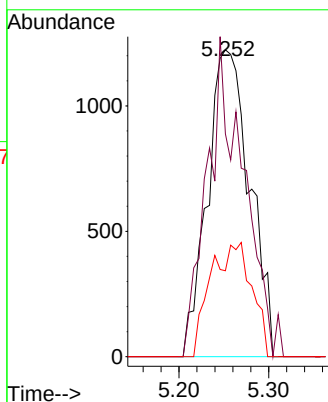
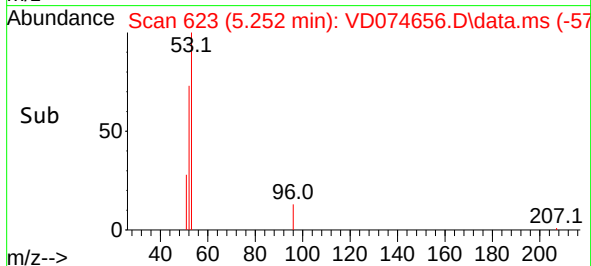
Tgt Ion: 53	Resp: 4009
Ion Ratio	Lower Upper
53	100
52	53.7 66.0 99.0
51	0.0 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#16

Acetone

Concen: 22.166 ug/l

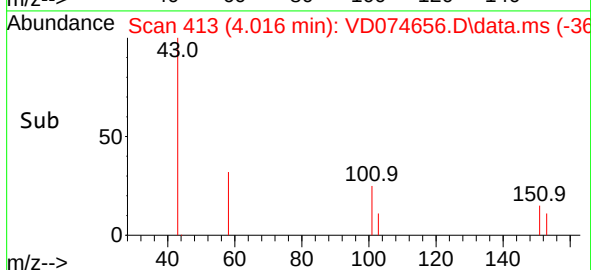
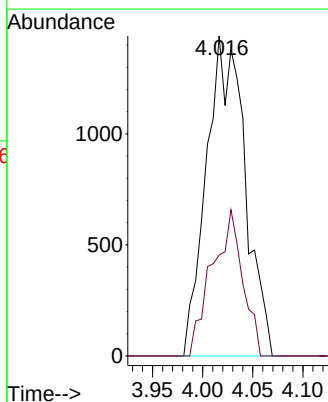
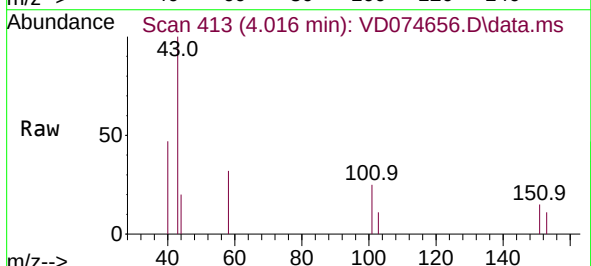
RT: 4.016 min Scan# 413

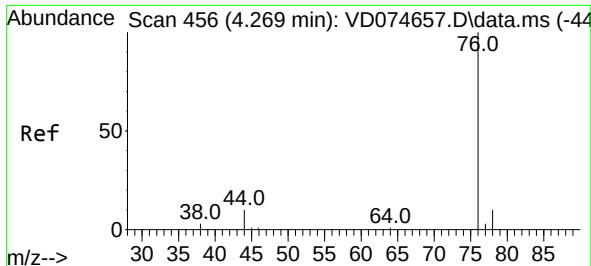
Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion: 43	Resp: 3857
Ion Ratio	Lower Upper
43	100
58	31.5 30.2 45.2





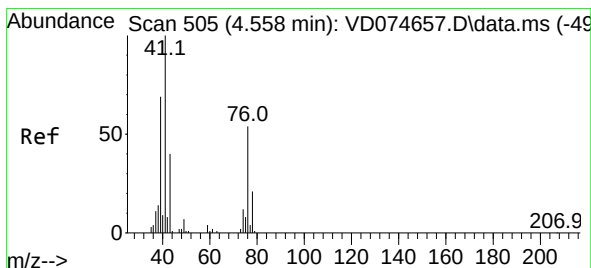
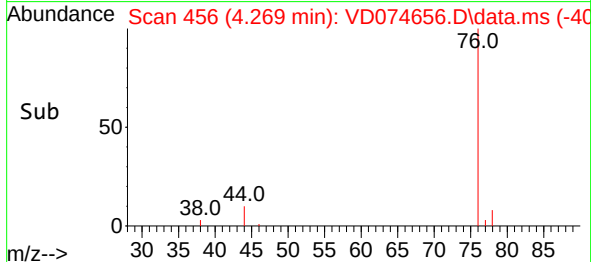
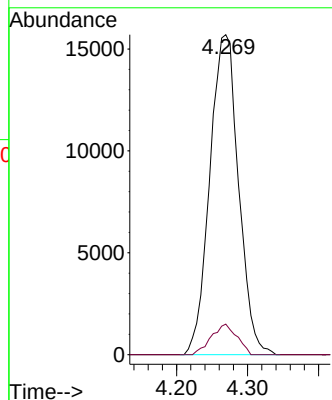
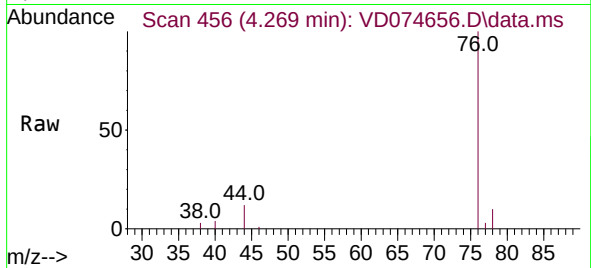
#17
Carbon Disulfide
Concen: 14.107 ug/l
RT: 4.269 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 4415
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8

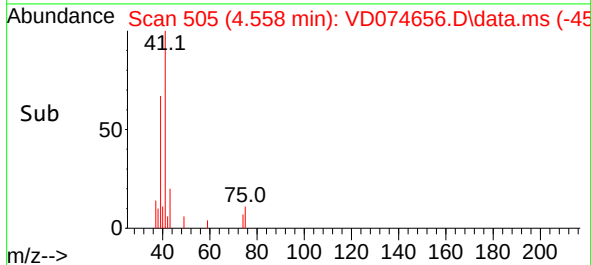
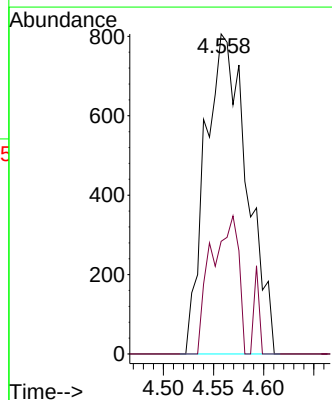
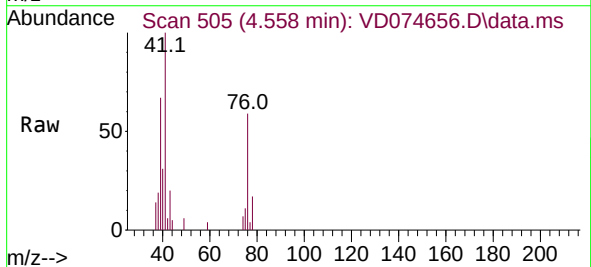
Manual Integrations
APPROVED

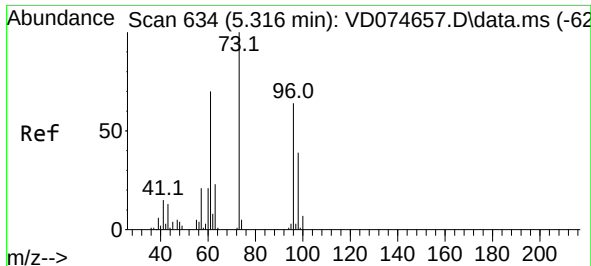
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 4.480 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion: 43 Resp: 2324
Ion Ratio Lower Upper
43 100
74 28.3 24.7 37.1





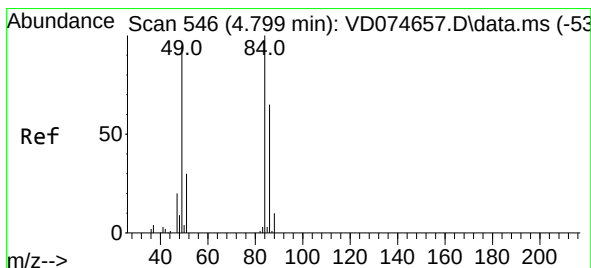
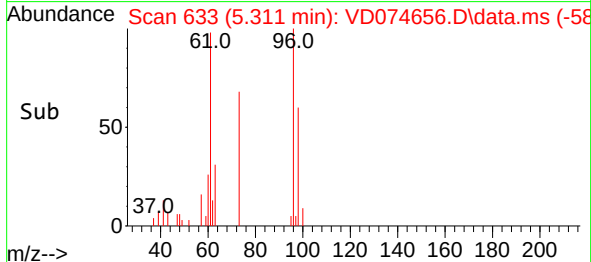
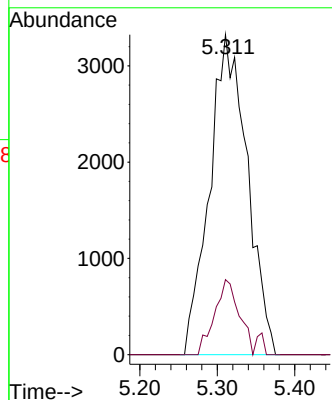
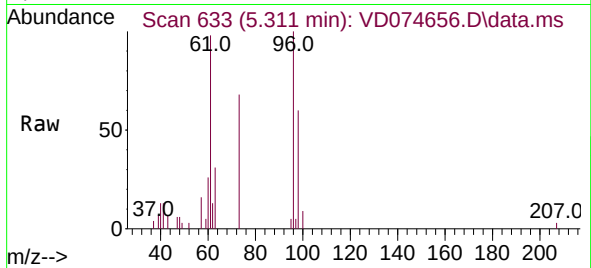
#19
Methyl tert-butyl Ether
Concen: 5.214 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 11250
Ion Ratio Lower Upper
73 100
57 23.4 16.1 24.1

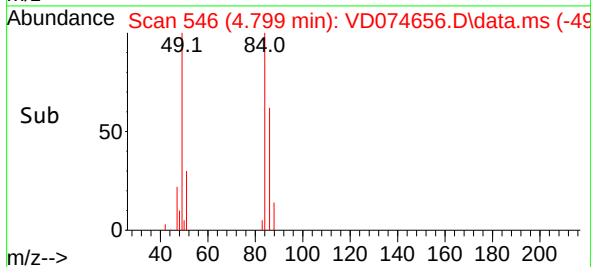
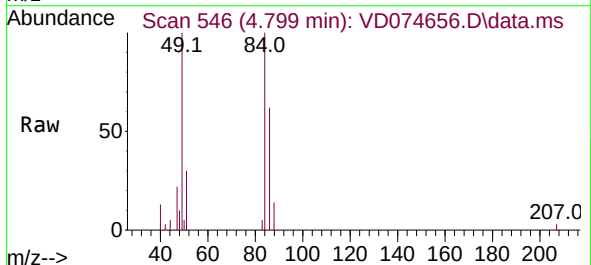
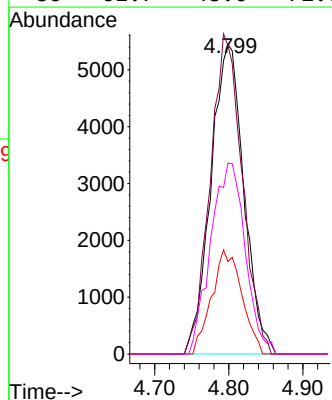
Manual Integrations
APPROVED

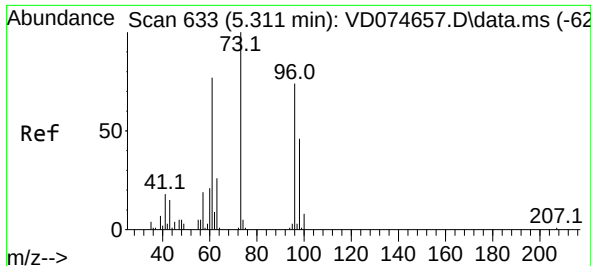
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 9.146 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

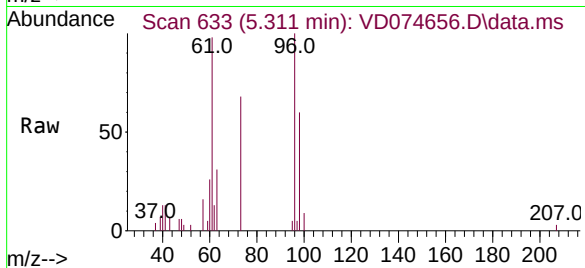
Tgt Ion: 84 Resp: 16830
Ion Ratio Lower Upper
84 100
49 99.7 68.0 102.0
51 29.8 23.2 34.8
86 61.7 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 11.370 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

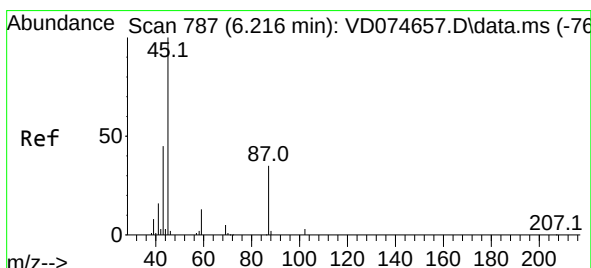
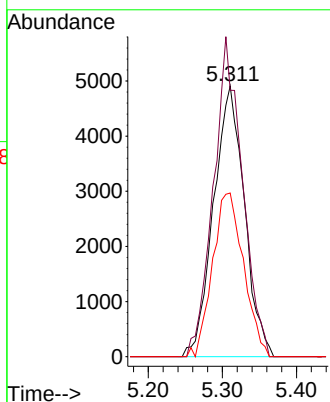
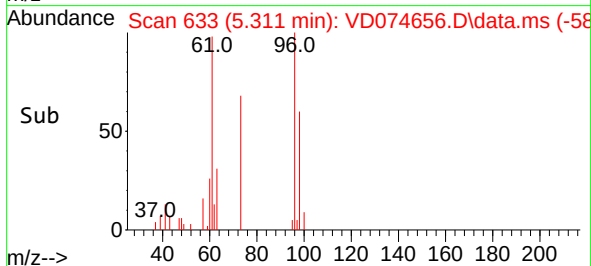
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



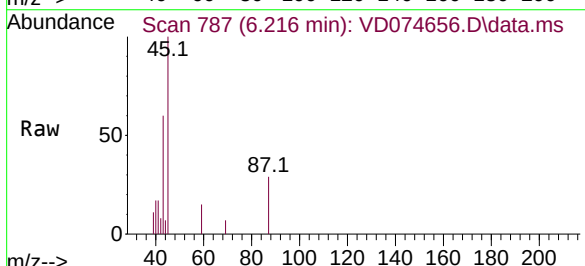
Tgt Ion: 96 Resp: 14200
Ion Ratio Lower Upper
96 100
61 98.4 95.7 143.5
98 60.5 54.8 82.2

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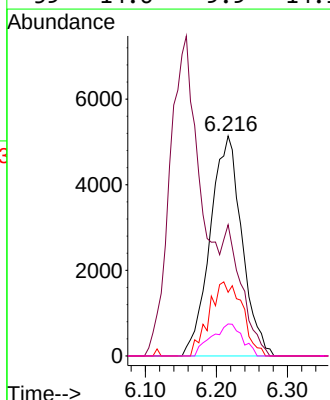
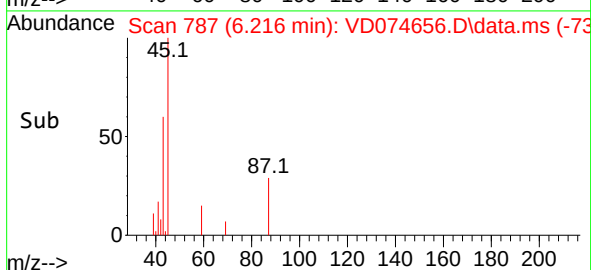
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

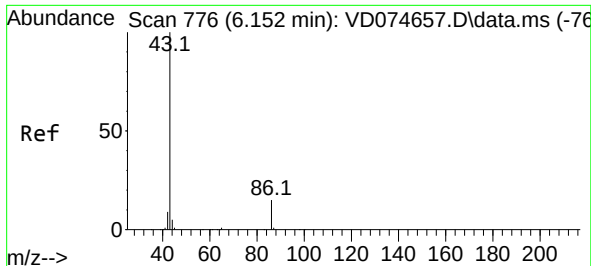


#22
Diisopropyl ether
Concen: 6.558 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



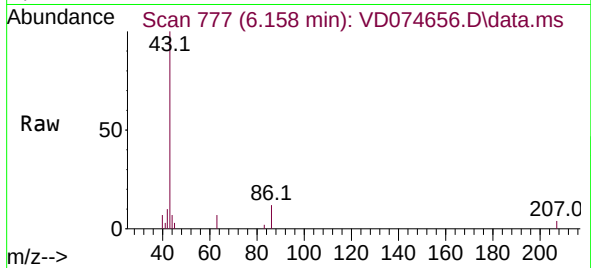
Tgt Ion: 45 Resp: 15962
Ion Ratio Lower Upper
45 100
43 59.6 37.8 56.6#
87 28.9 26.6 40.0
59 14.6 9.9 14.9





#23
 Vinyl Acetate
 Concen: 27.619 ug/l m
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD074656.D
 Acq: 27 Oct 2022 17:22

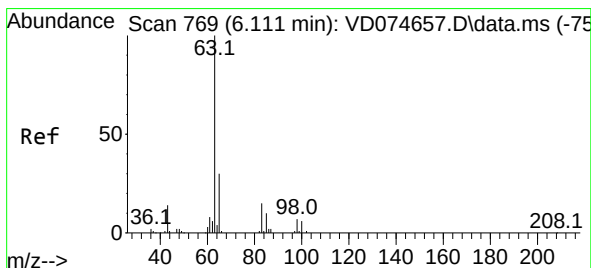
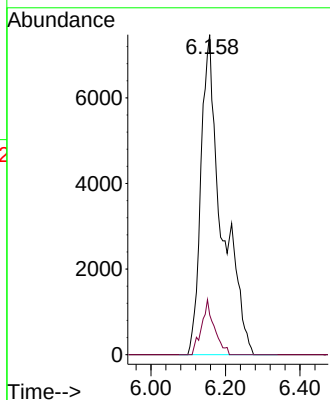
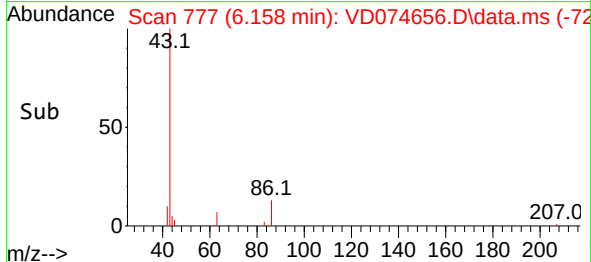
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 2894
 Ion Ratio Lower Upper
 43 100
 86 12.4 11.2 16.8

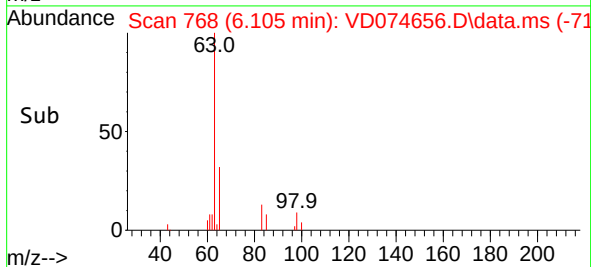
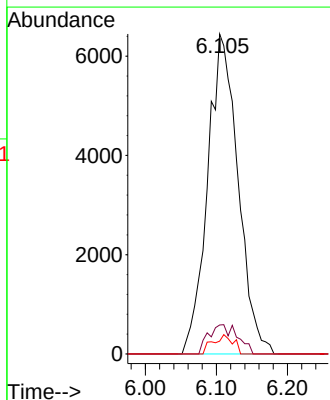
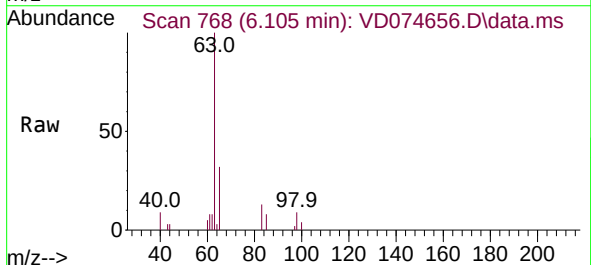
Manual Integrations
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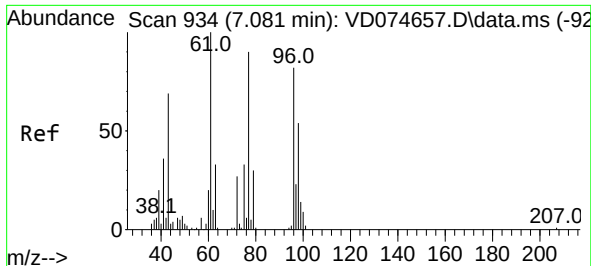
Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#24
 1,1-Dichloroethane
 Concen: 10.252 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD074656.D
 Acq: 27 Oct 2022 17:22

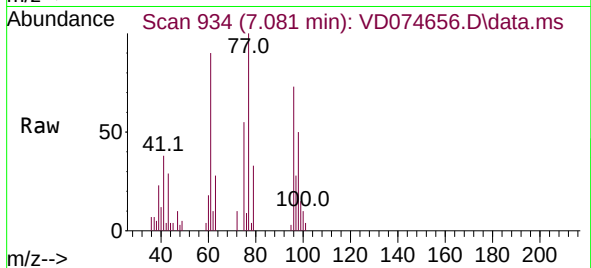
Tgt Ion: 63 Resp: 19203
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.6 13.8
 100 4.0 2.9 8.6





#25
2-Butanone
Concen: 20.405 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

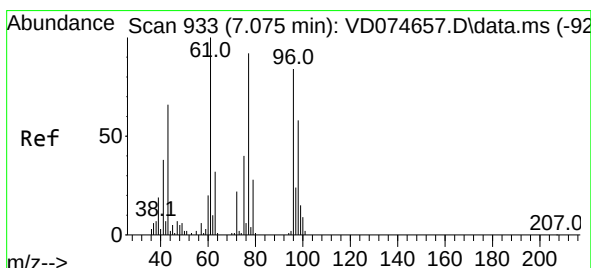
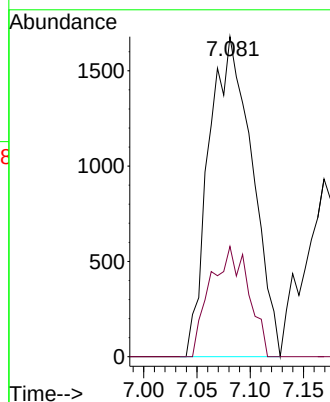
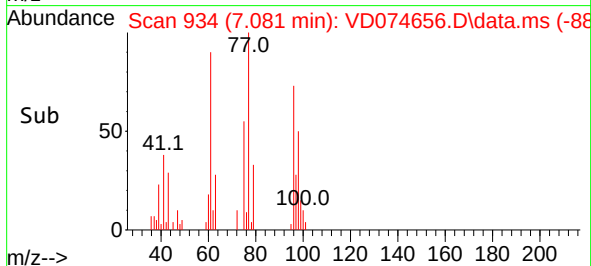
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



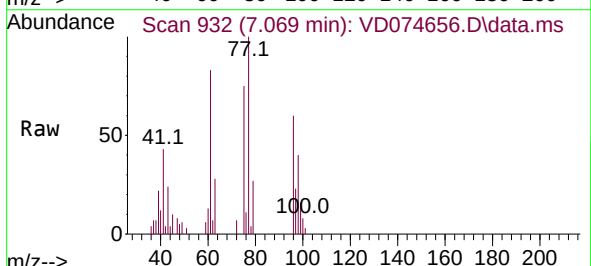
Tgt Ion: 43 Resp: 4739
Ion Ratio Lower Upper
43 100
72 34.5 25.8 38.8

Manual Integrations
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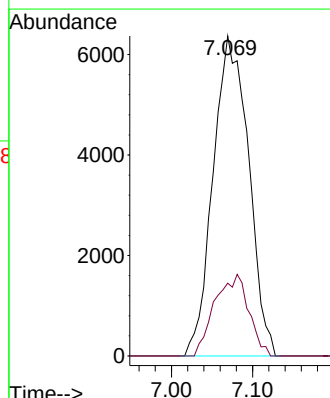
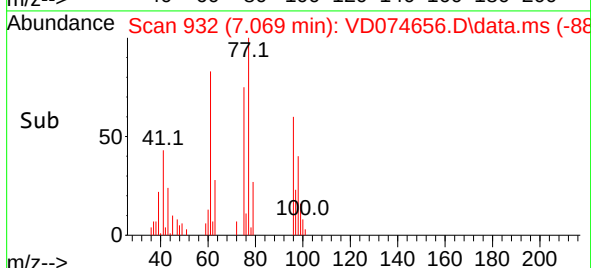
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

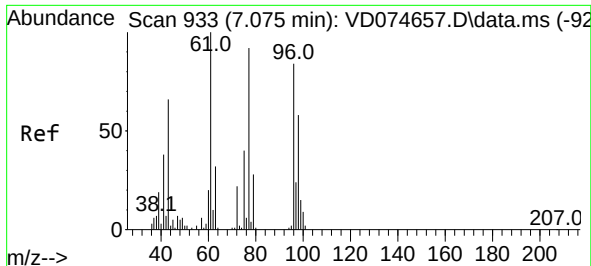


#26
2,2-Dichloropropane
Concen: 10.828 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



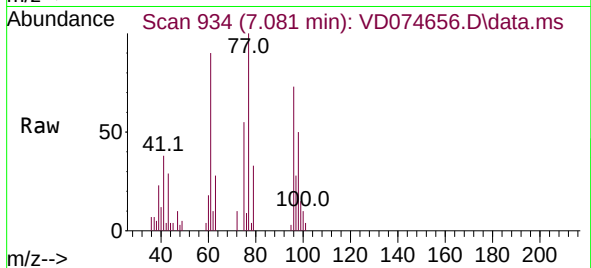
Tgt Ion: 77 Resp: 19348
Ion Ratio Lower Upper
77 100
97 24.4 12.5 37.5





#27
 cis-1,2-Dichloroethene
 Concen: 8.968 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD074656.D
 Acq: 27 Oct 2022 17:22

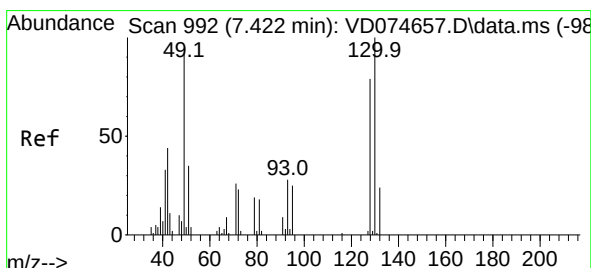
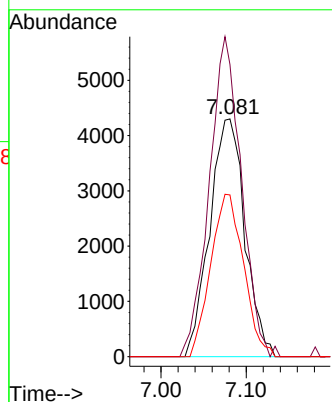
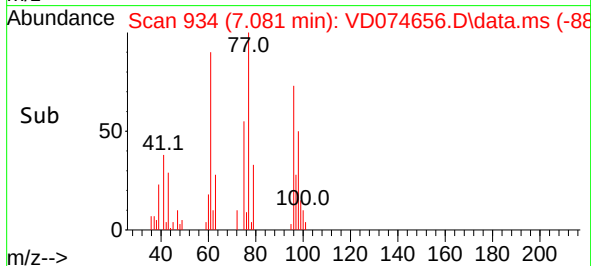
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 12310
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 242.4
 98 64.0 0.0 130.0

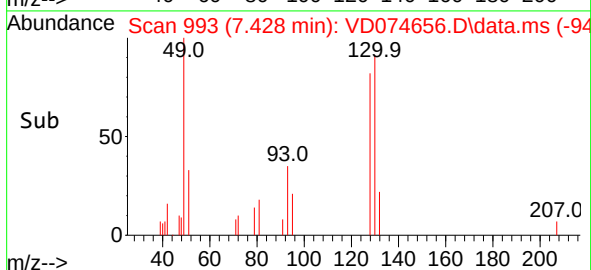
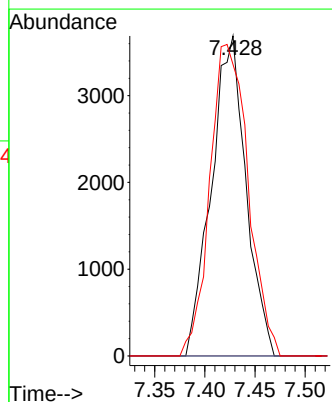
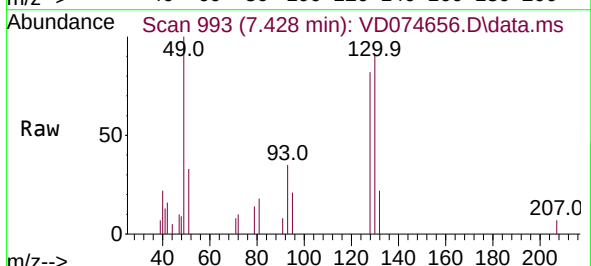
Manual Integrations
 APPROVED

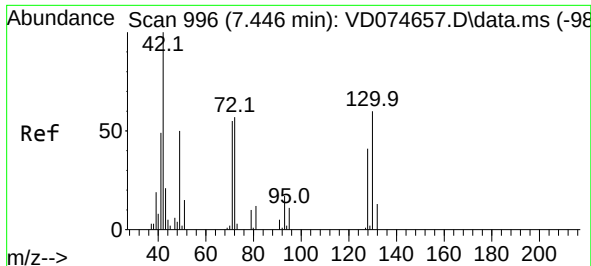
Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 18.699 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD074656.D
 Acq: 27 Oct 2022 17:22

Tgt Ion: 49 Resp: 8851
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.0
 130 107.7 84.1 126.1





#29

Tetrahydrofuran

Concen: 18.143 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

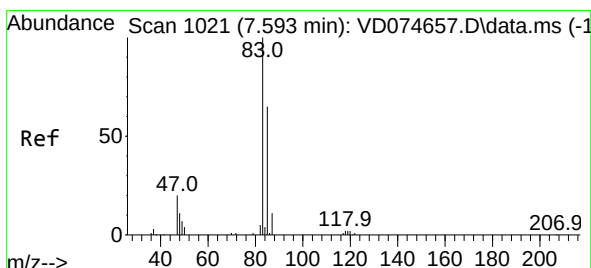
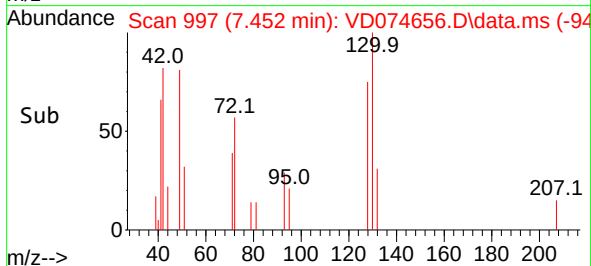
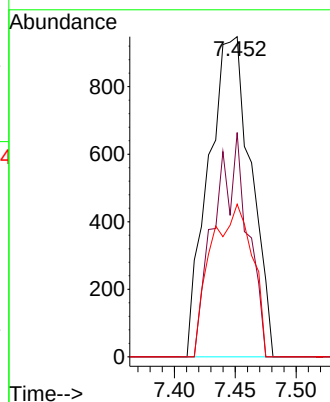
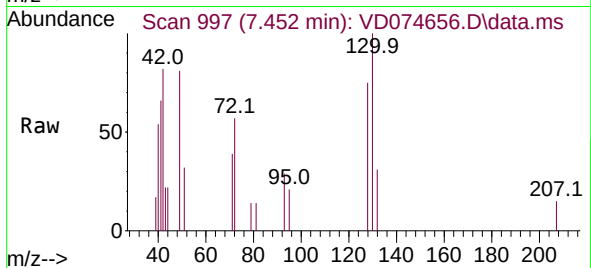
Tgt Ion:	42	Resp:	230
Ion Ratio	Lower	Upper	
42	100		
72	54.7	45.8	68.6
71	46.3	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 9.339 ug/l

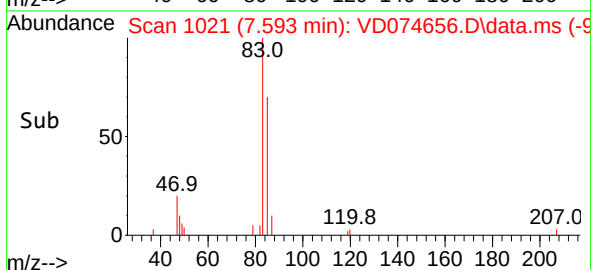
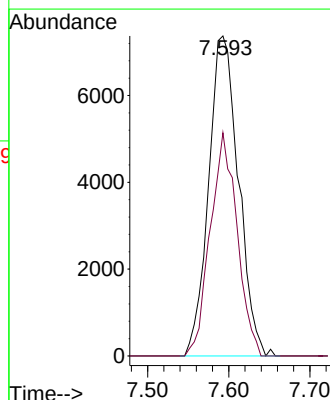
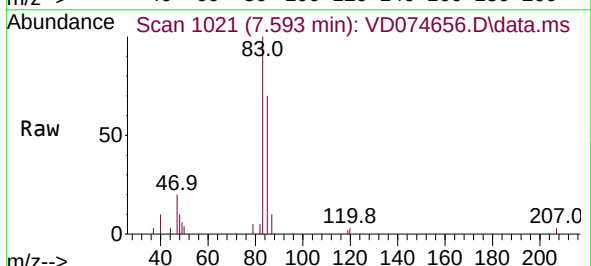
RT: 7.593 min Scan# 1021

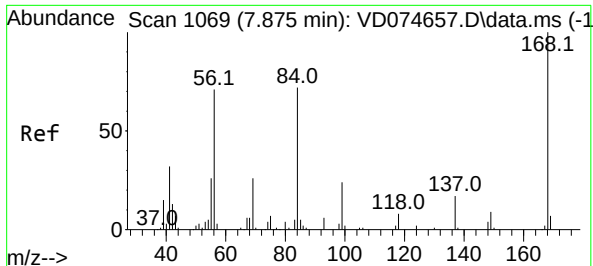
Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

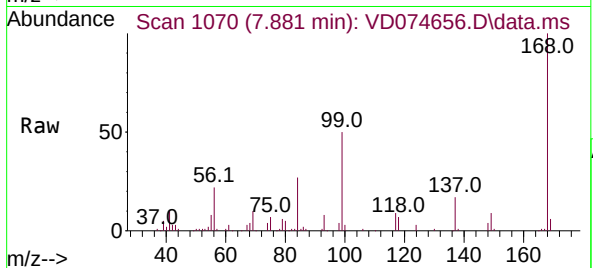
Tgt Ion:	83	Resp:	18866
Ion Ratio	Lower	Upper	
83	100		
85	69.8	52.0	78.0





#31
Cyclohexane
Concen: 14.861 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

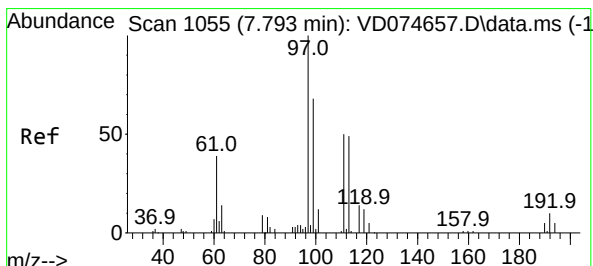
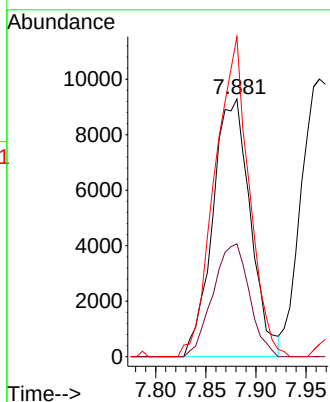
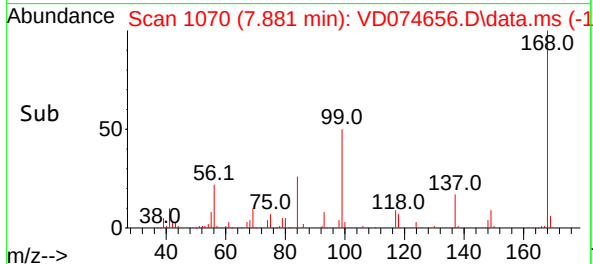
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 2420
Ion Ratio Lower Upper
56 100
69 43.8 29.2 43.8
84 124.3 83.4 125.2

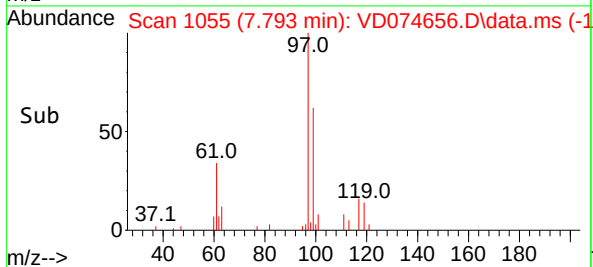
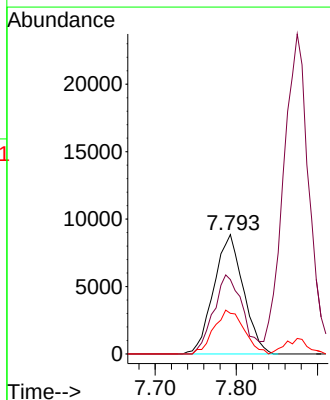
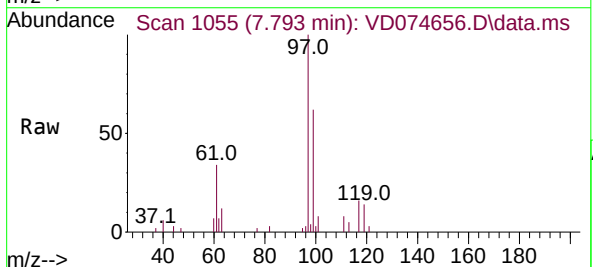
Manual Integrations
APPROVED

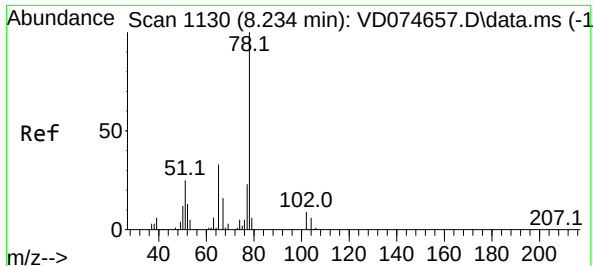
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 12.088 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion: 97 Resp: 22379
Ion Ratio Lower Upper
97 100
99 65.0 53.3 79.9
61 37.2 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 1.488 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1219

Ion Ratio Lower Upper

65 100

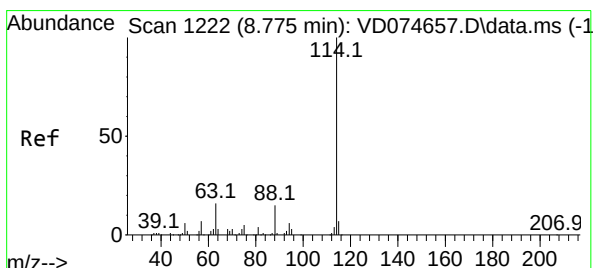
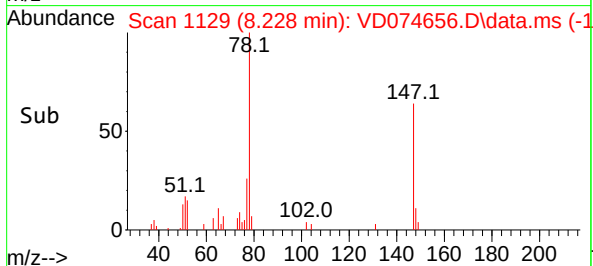
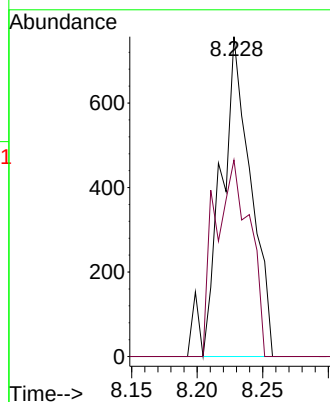
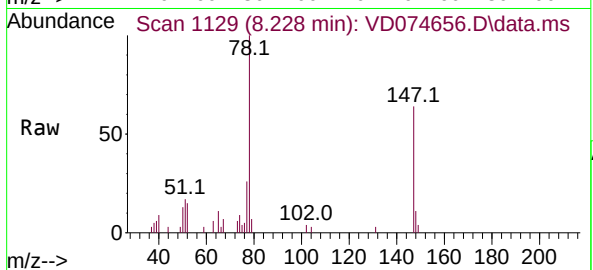
67 69.9 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

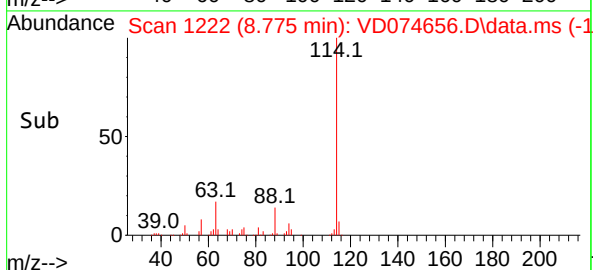
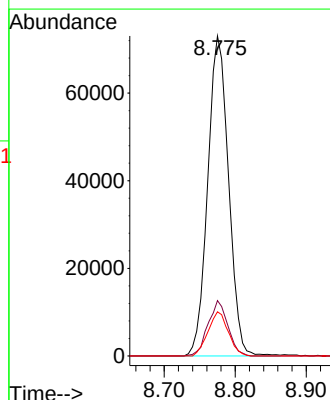
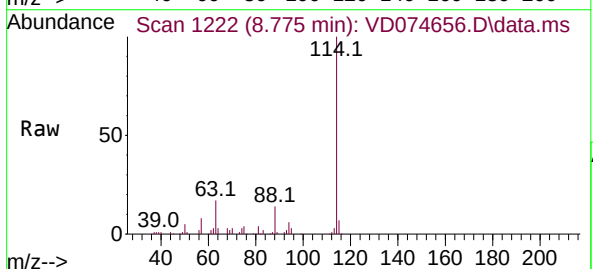
Tgt Ion:114 Resp: 148972

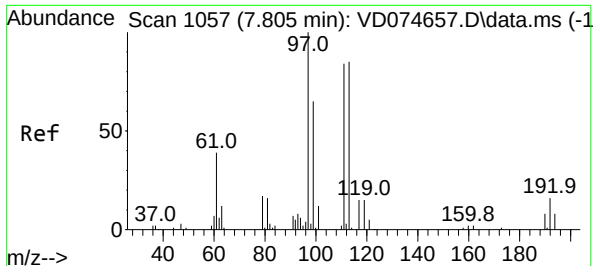
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.2

88 13.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 1.746 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 163

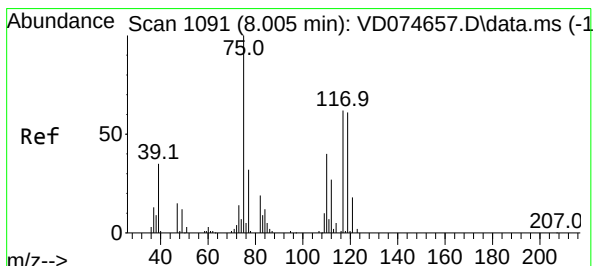
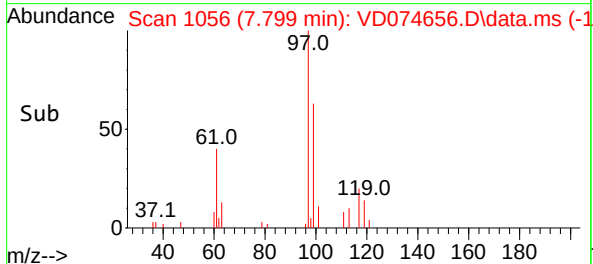
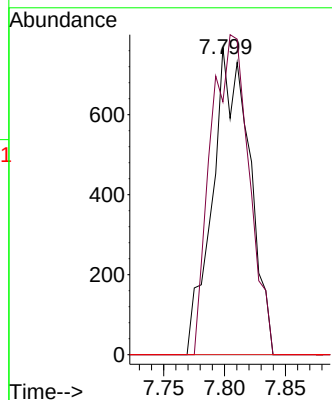
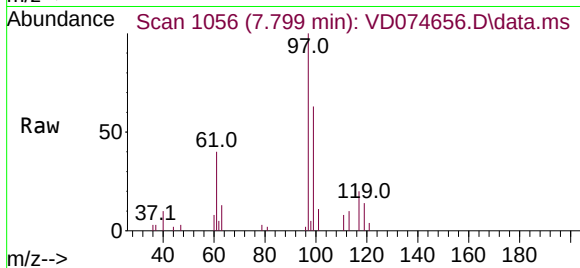
Ion	Ratio	Lower	Upper
113	100		
111	107.4	82.3	123.5
192	0.0	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 14.456 ug/l

RT: 8.004 min Scan# 1091

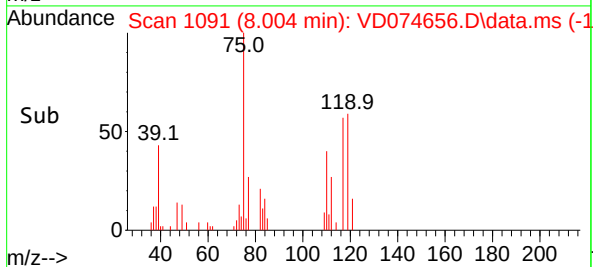
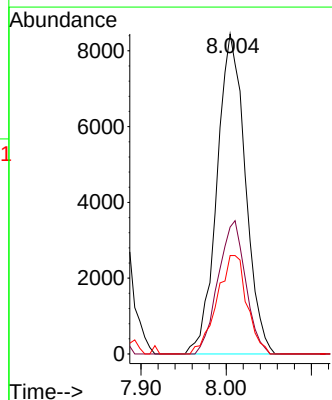
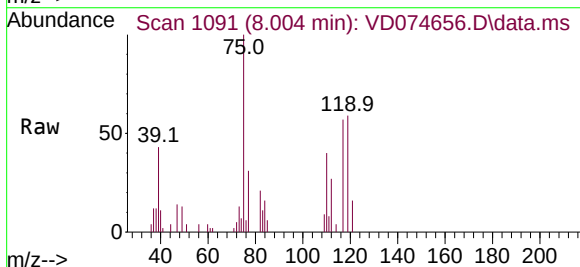
Delta R.T. -0.000 min

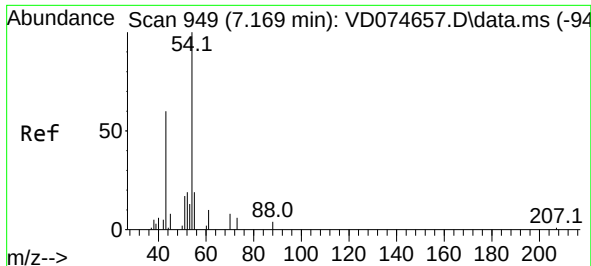
Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion: 75 Resp: 19507

Ion	Ratio	Lower	Upper
75	100		
110	40.3	19.7	59.0
77	32.5	25.4	38.2





#37

Ethyl Acetate

Concen: 5.122 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD074656.D

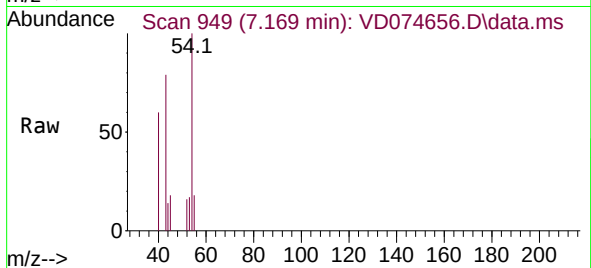
Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



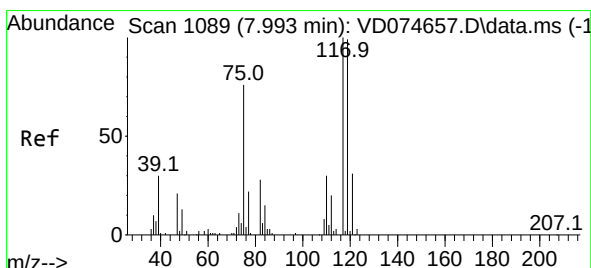
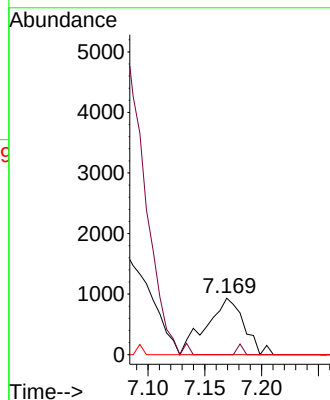
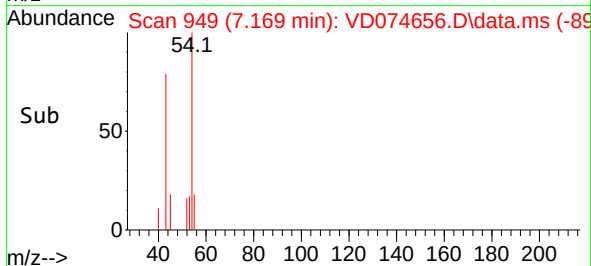
Tgt Ion:	43	Resp:	214
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4
70	0.0	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 14.627 ug/l

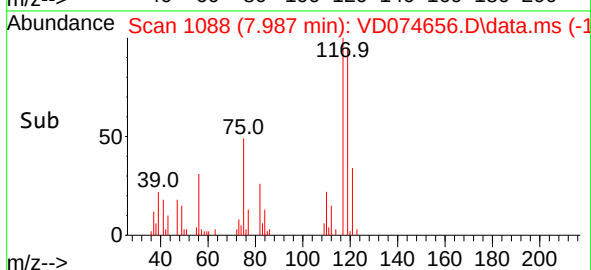
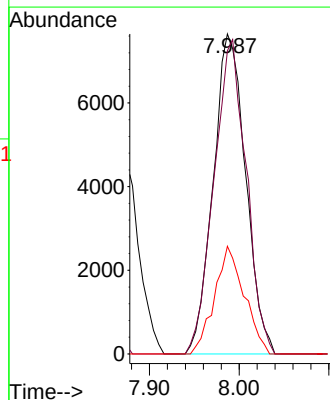
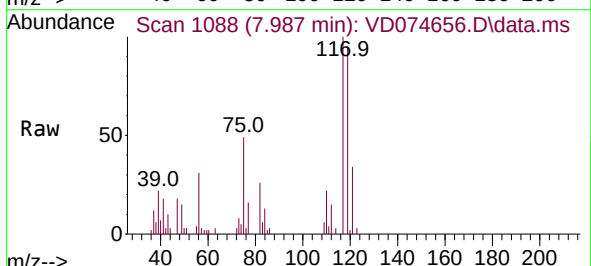
RT: 7.987 min Scan# 1088

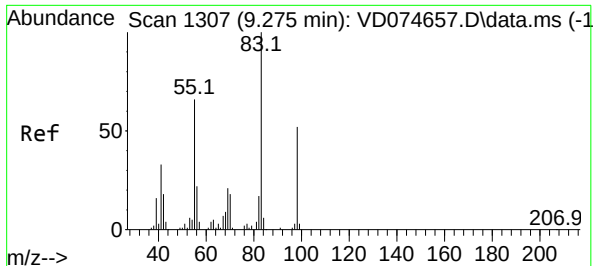
Delta R.T. -0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion:	117	Resp:	19178
Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.1	109.7
121	33.7	25.0	37.6





#39

Methylcyclohexane

Concen: 17.918 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

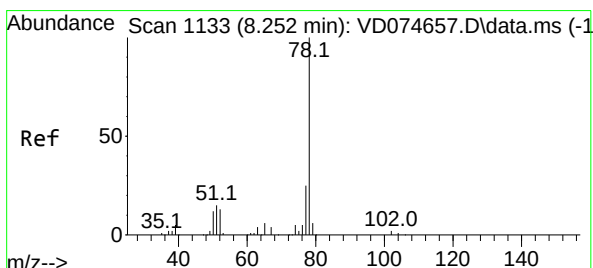
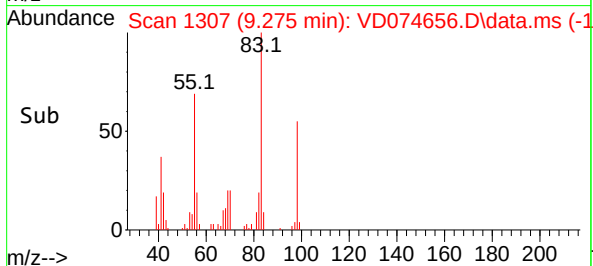
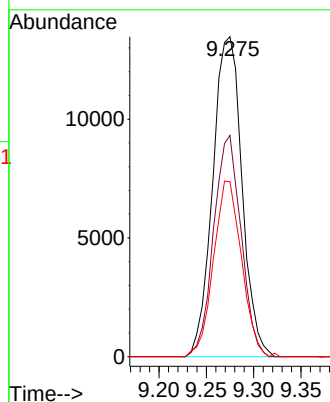
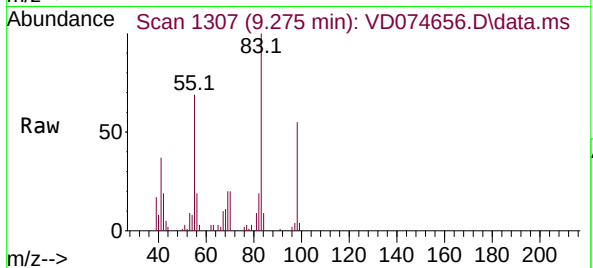
Tgt Ion:	83	Resp:	2895
Ion Ratio	Lower	Upper	
83	100		
55	69.1	49.0	73.4
98	54.7	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 11.577 ug/l

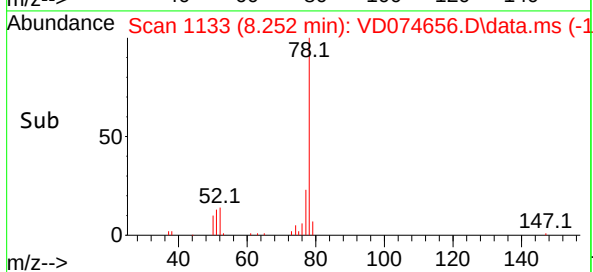
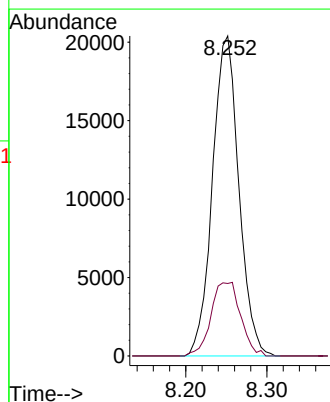
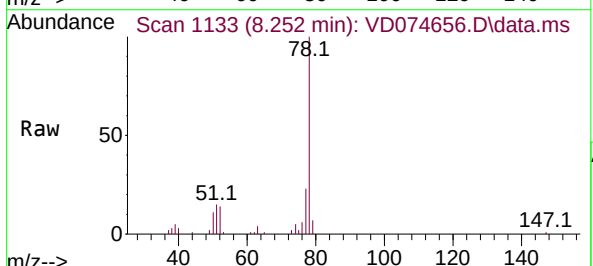
RT: 8.252 min Scan# 1133

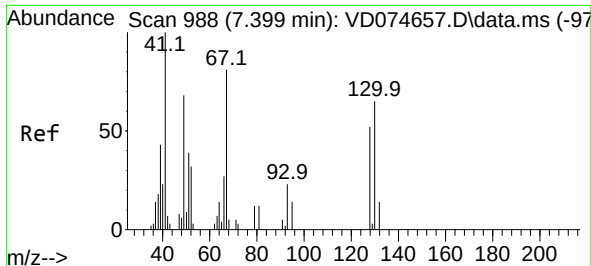
Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion:	78	Resp:	46052
Ion Ratio	Lower	Upper	
78	100		
77	22.7	20.1	30.1





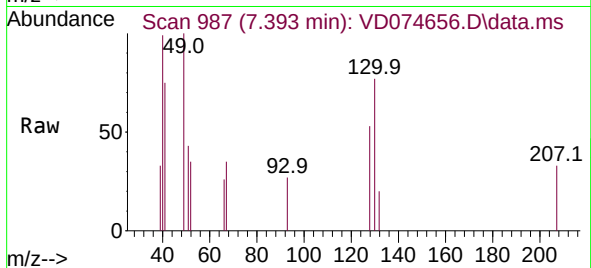
#41
Methacrylonitrile
Concen: 4.498 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



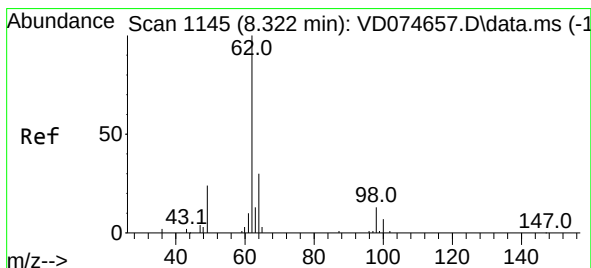
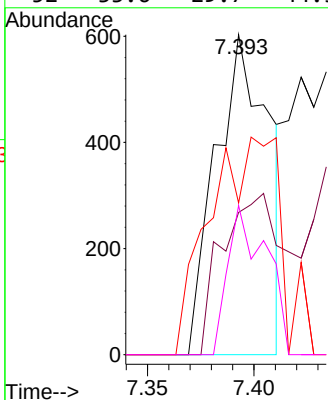
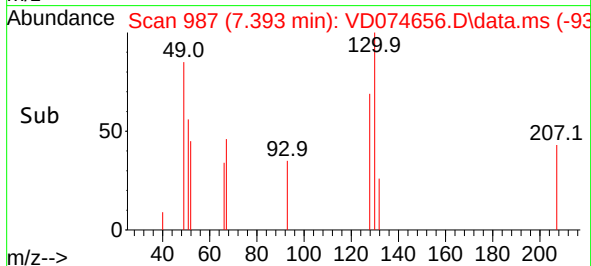
Tgt Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
39 62.2 35.0 52.6
67 91.9 77.0 115.6
52 33.6 29.7 44.5

Manual Integrations

APPROVED

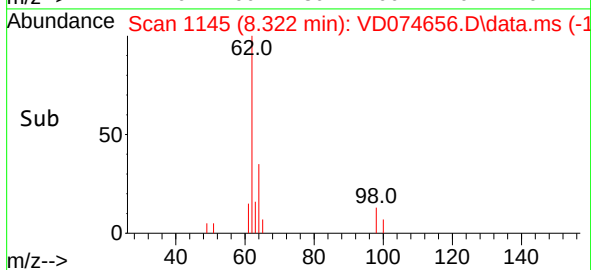
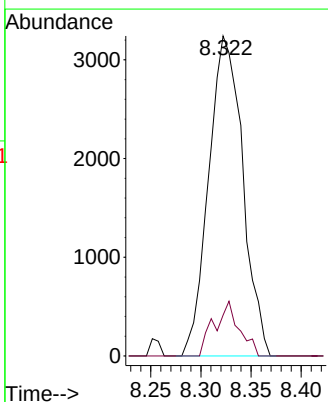
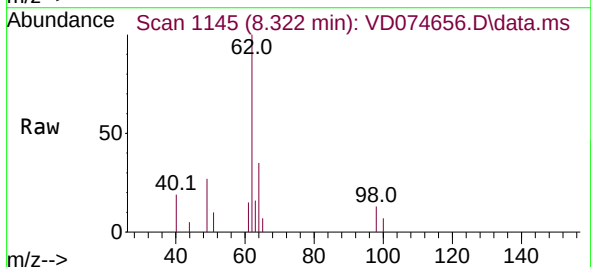
Reviewed By :Krupa Patel 10/31/2022

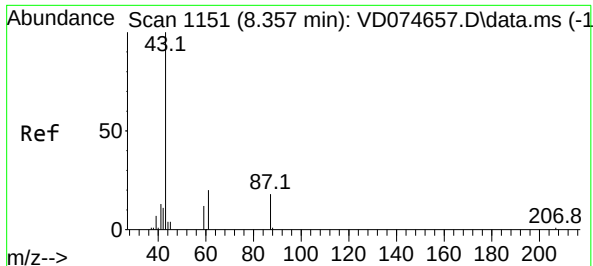
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 8.338 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

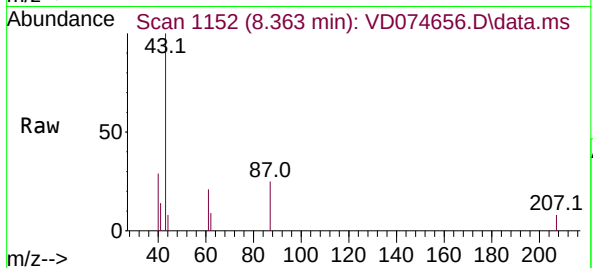
Tgt Ion: 62 Resp: 7652
Ion Ratio Lower Upper
62 100
98 12.5 0.0 24.2





#43
Isopropyl Acetate
Concen: 4.977 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

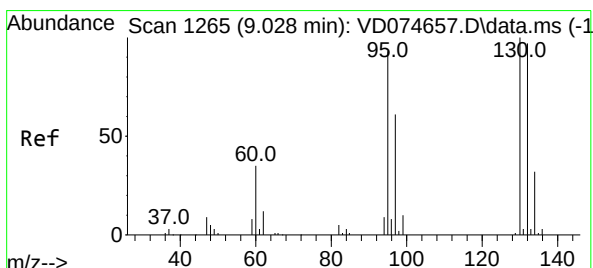
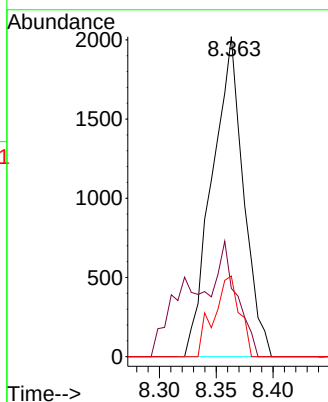
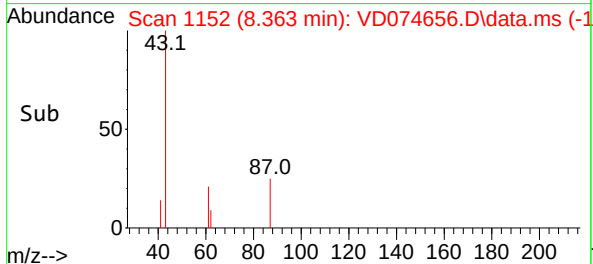
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3879
Ion Ratio Lower Upper
43 100
61 22.4 30.9 46.3
87 20.7 14.3 21.5

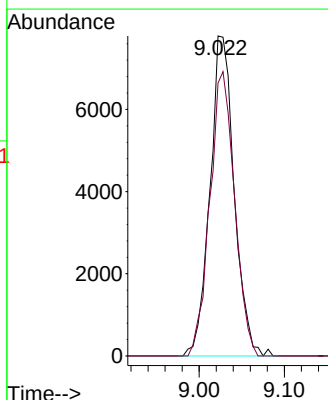
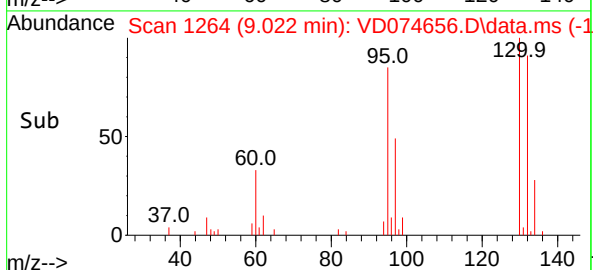
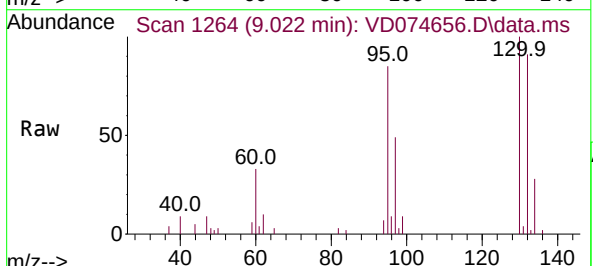
Manual Integrations
APPROVED

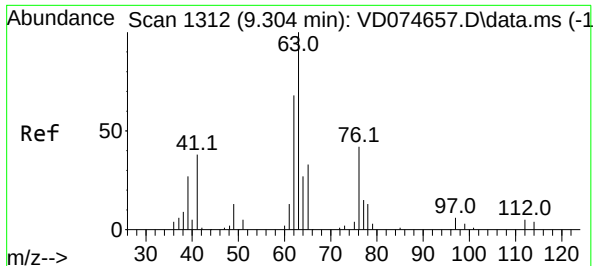
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 13.209 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion:130 Resp: 15415
Ion Ratio Lower Upper
130 100
95 85.3 0.0 185.4





#45

1,2-Dichloropropane

Concen: 10.841 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 948

Ion Ratio Lower Upper

63 100

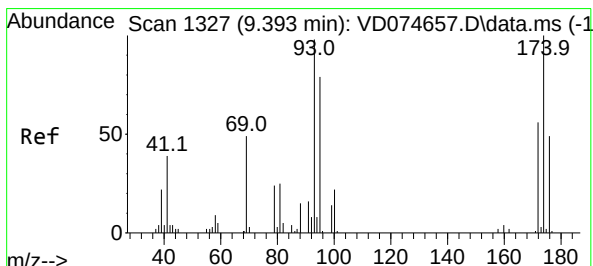
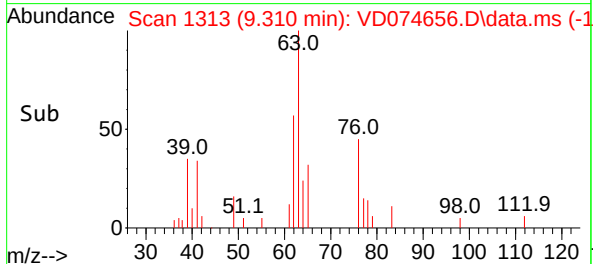
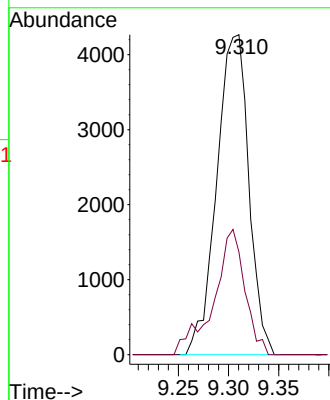
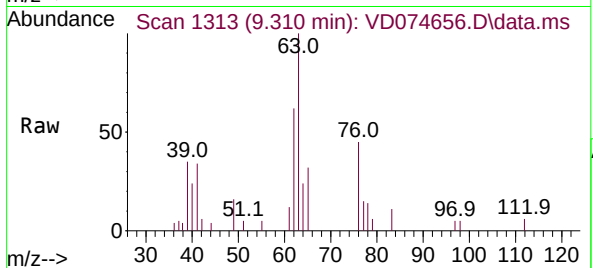
65 32.1 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 7.460 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

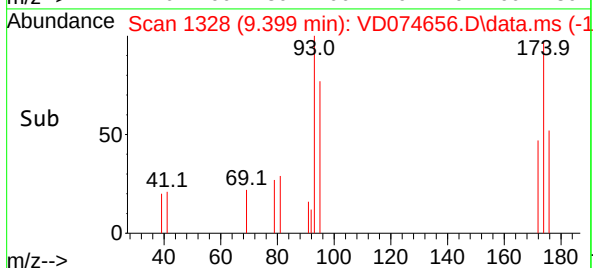
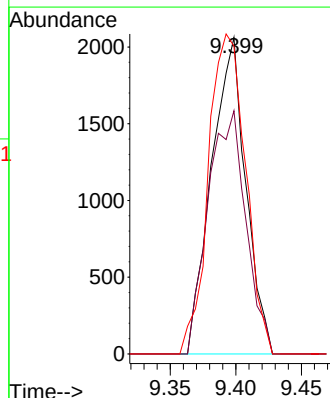
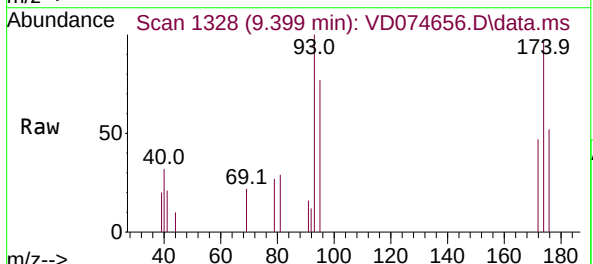
Tgt Ion: 93 Resp: 3756

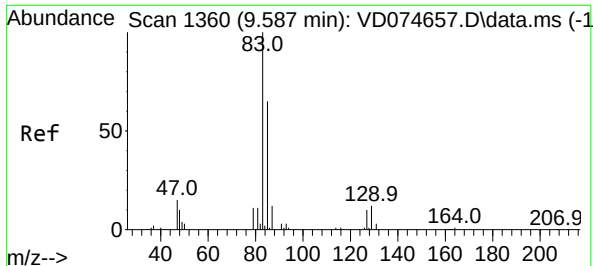
Ion Ratio Lower Upper

93 100

95 84.5 68.2 102.2

174 109.2 87.4 131.0





#47

Bromodichloromethane

Concen: 9.003 ug/l

RT: 9.587 min Scan# 1116

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

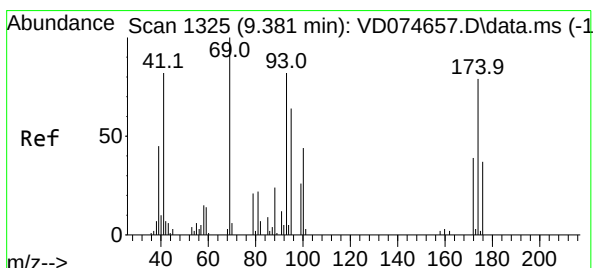
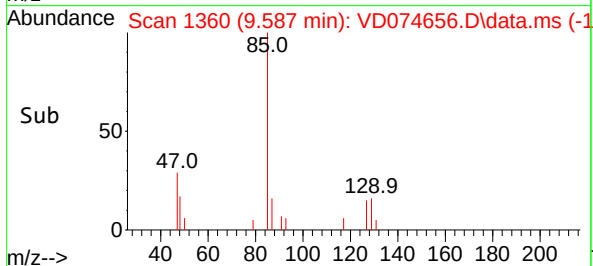
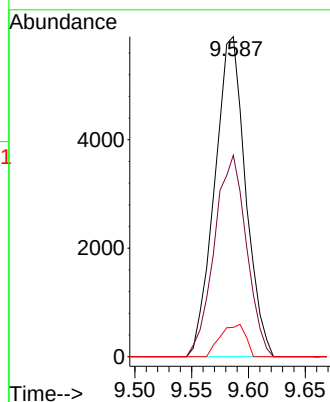
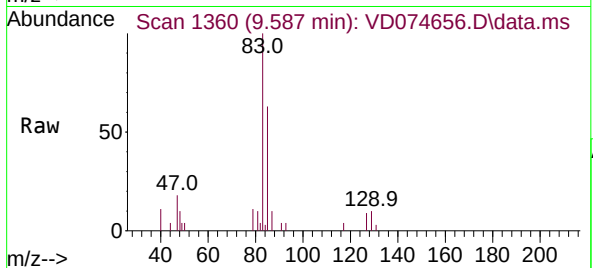
Tgt Ion:	83	Resp:	1116
Ion	Ratio	Lower	Upper
83	100		
85	63.0	48.8	73.2
127	9.2	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#48

Methyl methacrylate

Concen: 5.442 ug/l

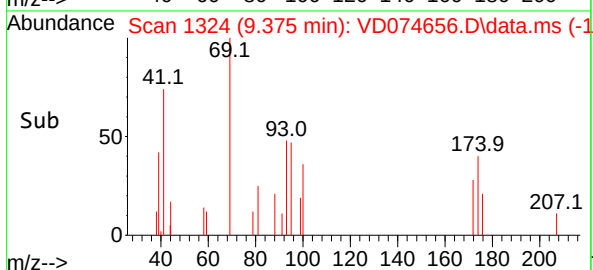
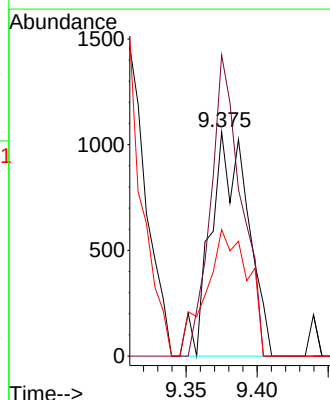
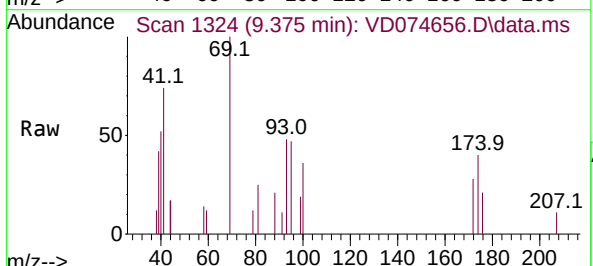
RT: 9.375 min Scan# 1324

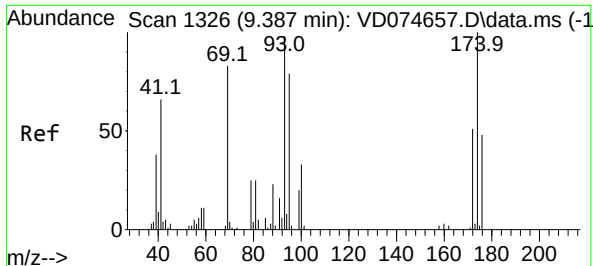
Delta R.T. -0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion:	41	Resp:	1948
Ion	Ratio	Lower	Upper
41	100		
69	108.8	93.0	139.4
39	63.3	44.6	66.8





#49

1,4-Dioxane

Concen: 85.509 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.012 min

Lab File: VD074656.D

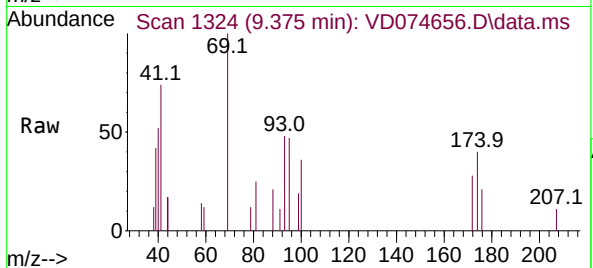
Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



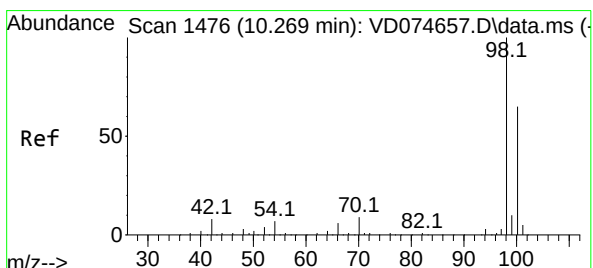
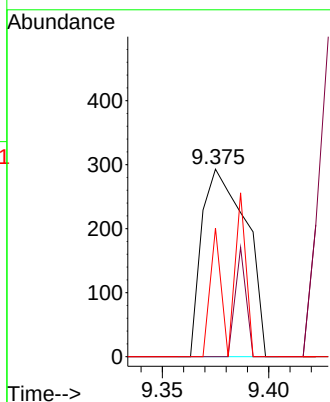
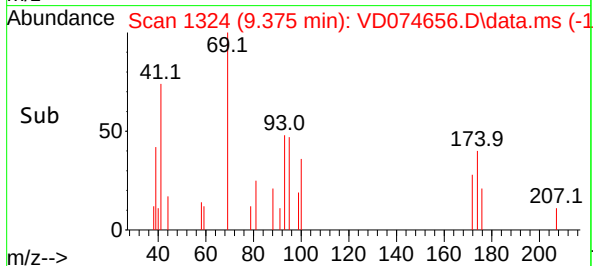
Tgt Ion:	88	Resp:	424
Ion Ratio	Lower	Upper	
88	100		
43	0.0	24.1	36.1
58	16.7	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 1.844 ug/l

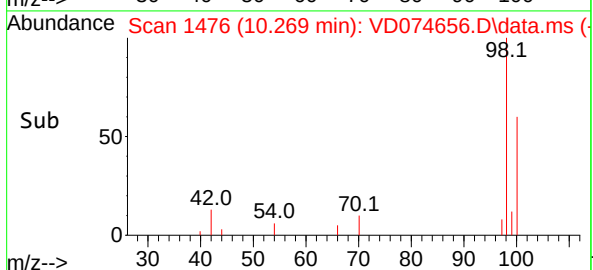
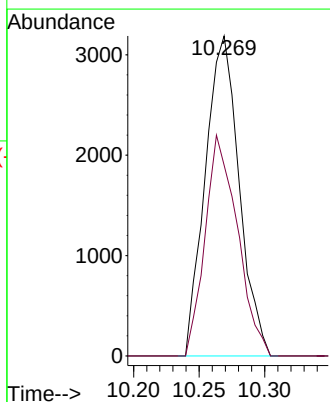
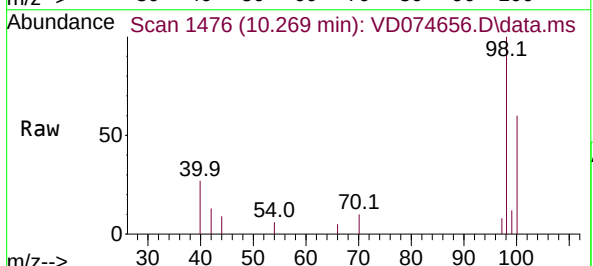
RT: 10.269 min Scan# 1476

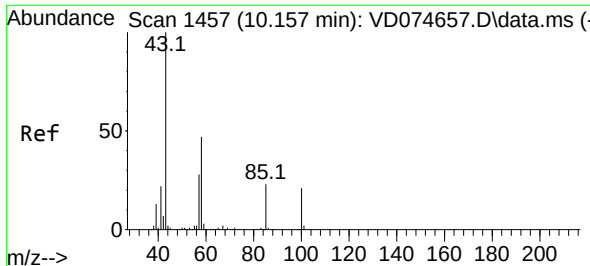
Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

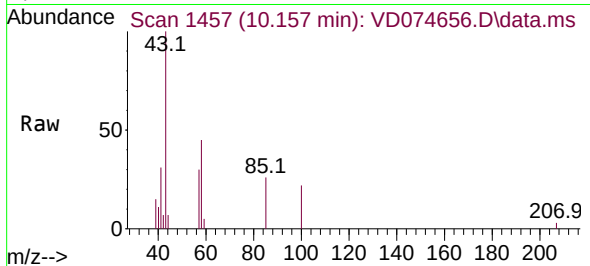
Tgt Ion:	98	Resp:	5730
Ion Ratio	Lower	Upper	
98	100		
100	65.8	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 22.870 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

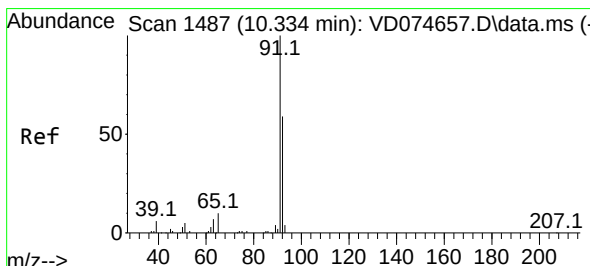
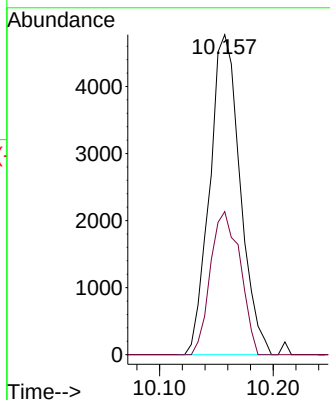
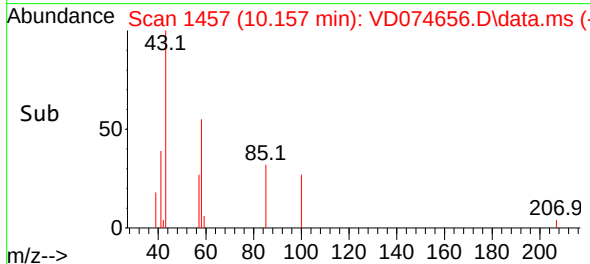
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



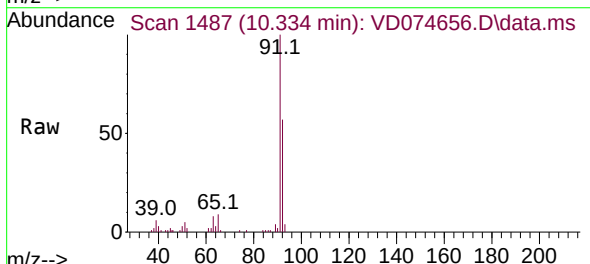
Tgt Ion: 43 Resp: 8880
Ion Ratio Lower Upper
43 100
58 43.6 37.8 56.6

Manual Integrations
APPROVED

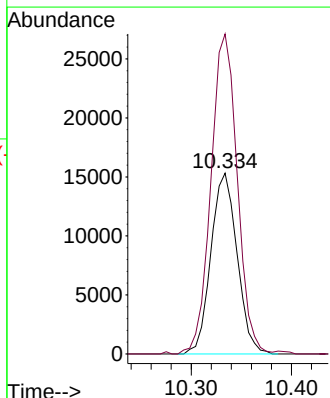
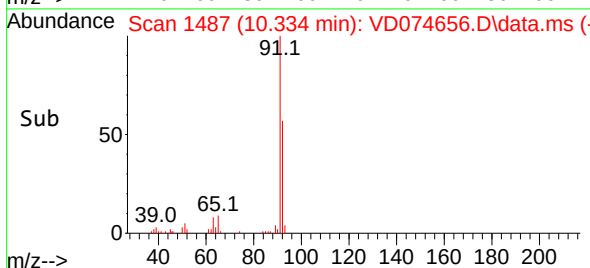
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

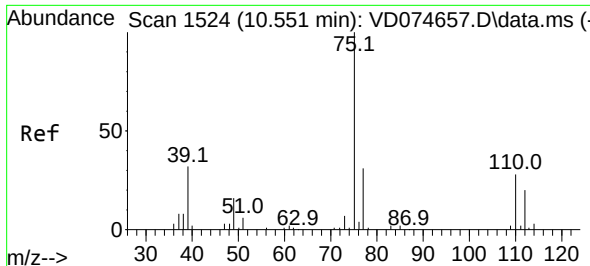


#52
Toluene
Concen: 11.271 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



Tgt Ion: 92 Resp: 27769
Ion Ratio Lower Upper
92 100
91 178.2 139.0 208.4





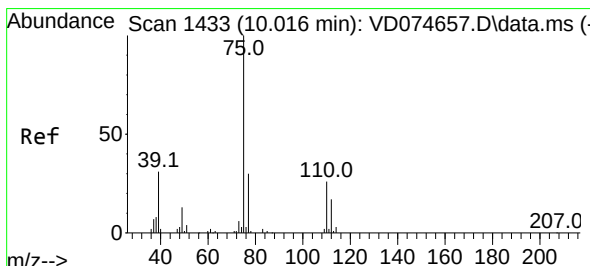
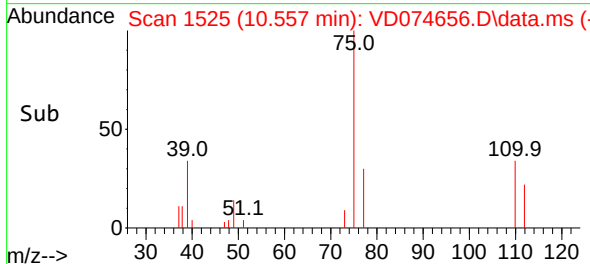
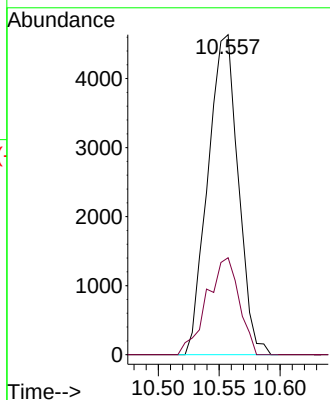
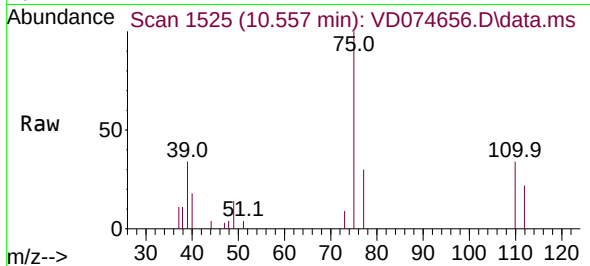
#53
t-1,3-Dichloropropene
Concen: 7.362 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 804
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

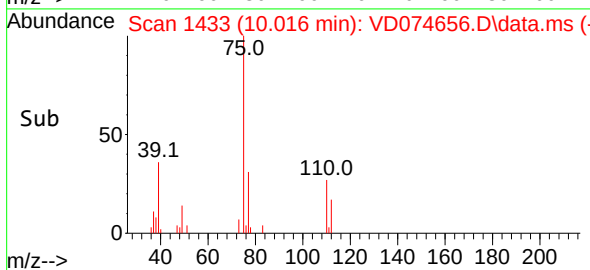
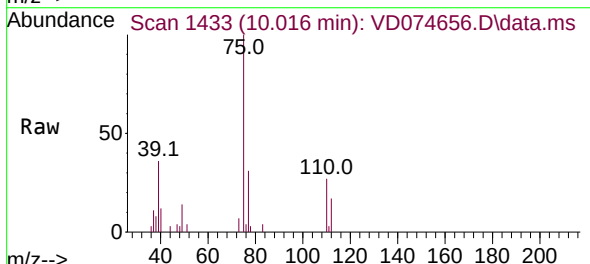
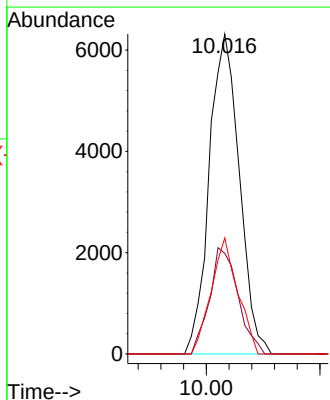
Manual Integrations
APPROVED

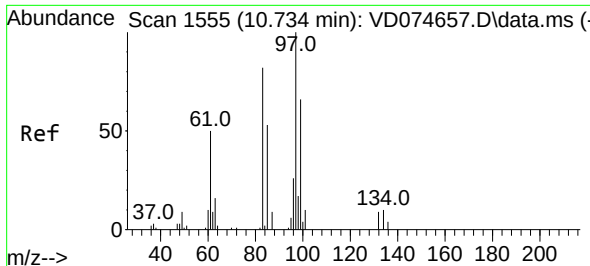
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
cis-1,3-Dichloropropene
Concen: 8.396 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

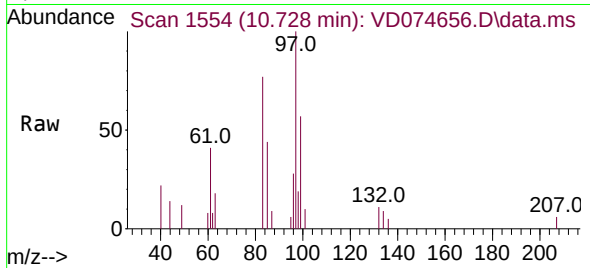
Tgt Ion: 75 Resp: 11614
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 36.3 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 7.724 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

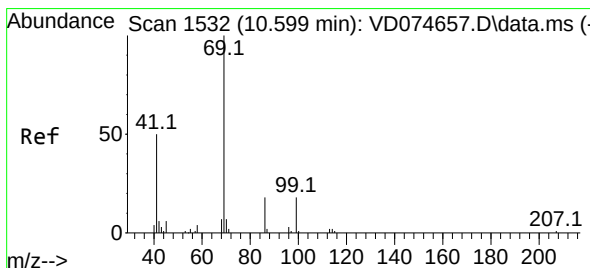
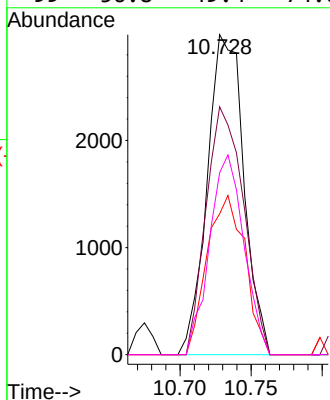
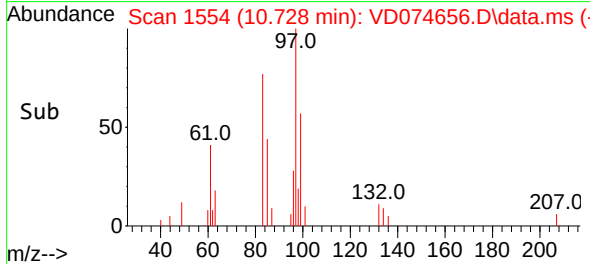
Instrument : MSVOA_D
ClientSampleId : VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.4	64.8	97.2
85	44.0	44.8	67.2
99	56.8	49.4	74.0

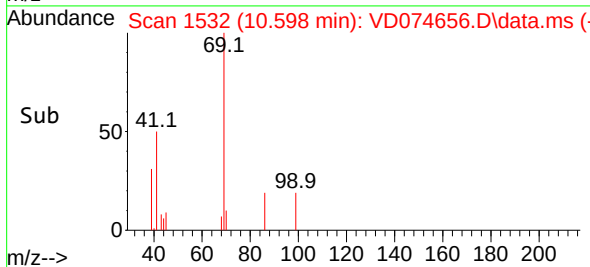
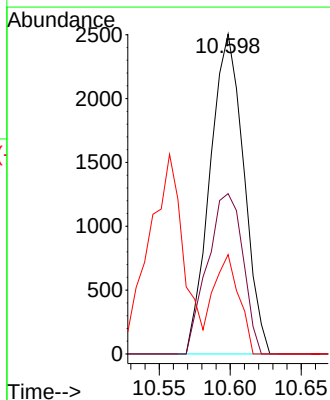
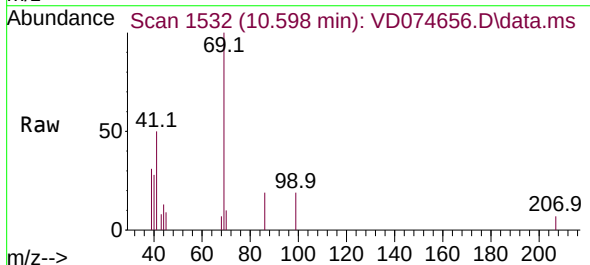
Manual Integrations
APPROVED

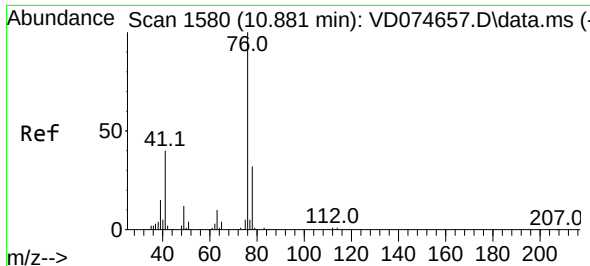
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 5.489 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.7	38.6	58.0
39	23.2	19.9	29.9





#57

1,3-Dichloropropane

Concen: 7.601 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 850

Ion Ratio Lower Upper

76 100

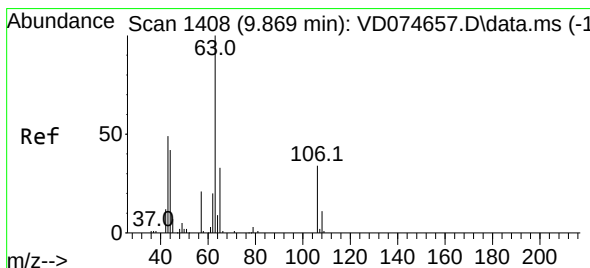
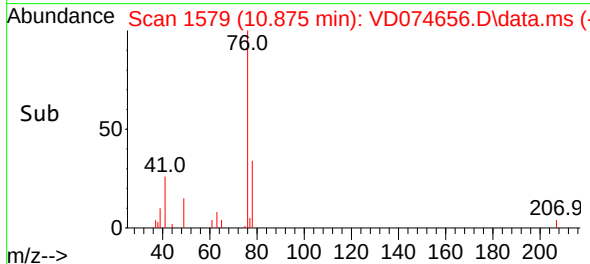
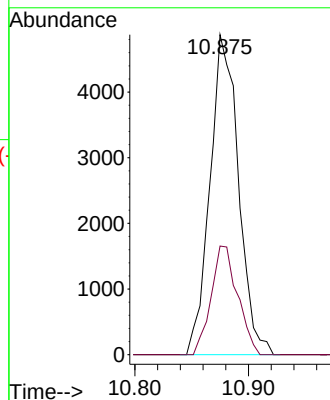
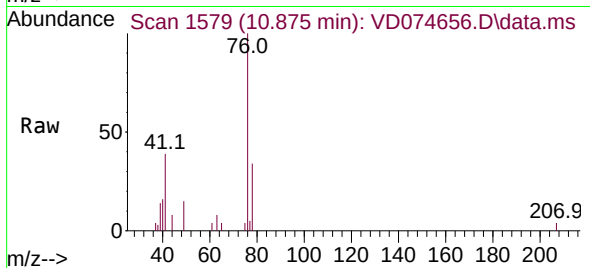
78 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 34.403 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD074656.D

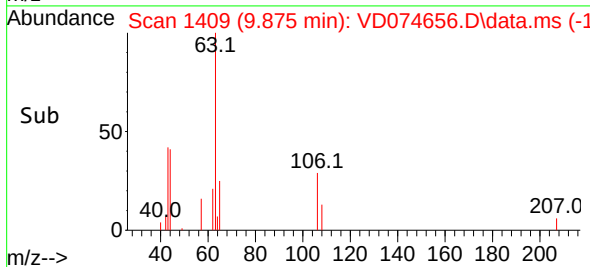
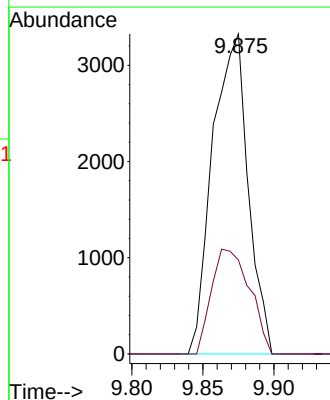
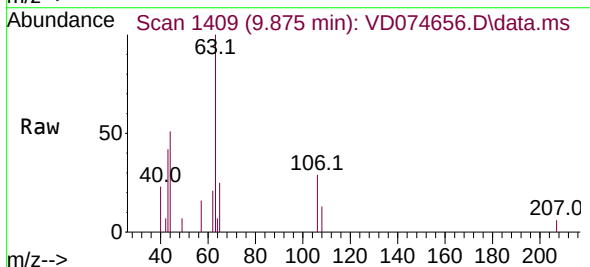
Acq: 27 Oct 2022 17:22

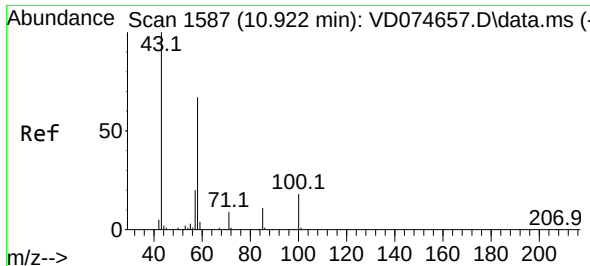
Tgt Ion: 63 Resp: 5780

Ion Ratio Lower Upper

63 100

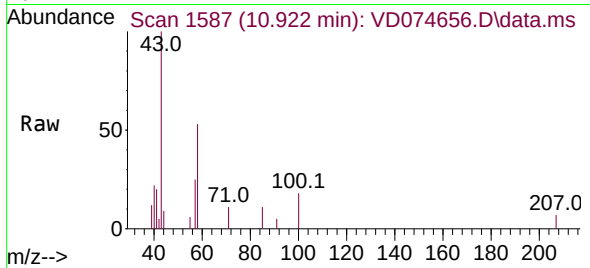
106 35.3 26.5 39.7





#59
2-Hexanone
Concen: 21.515 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

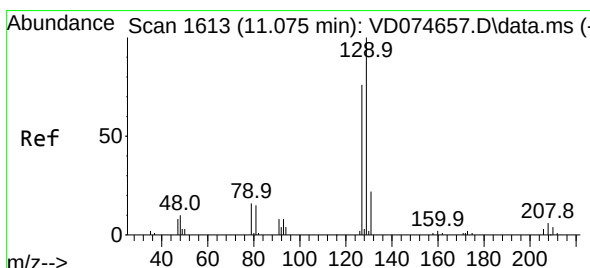
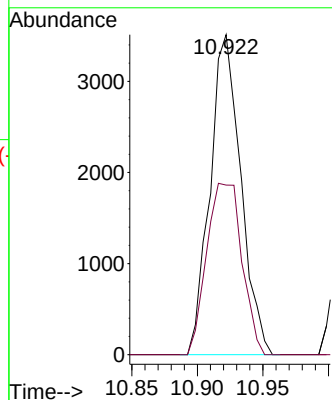
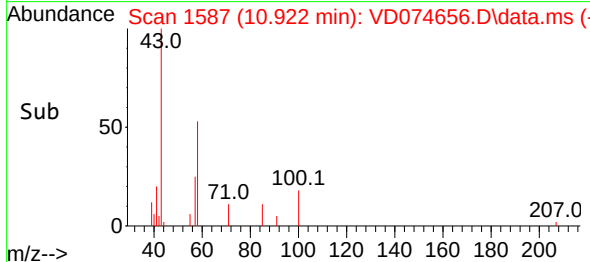
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 5738
Ion Ratio Lower Upper
43 100
58 61.3 32.0 96.2

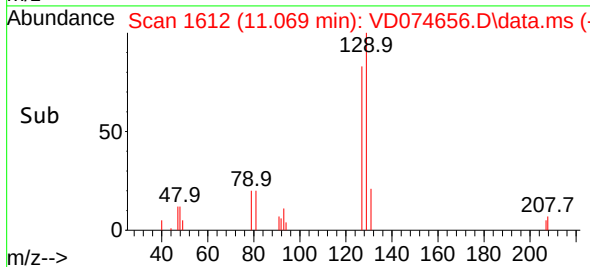
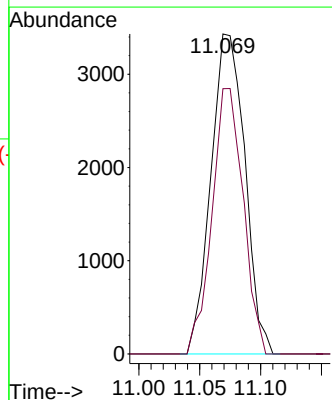
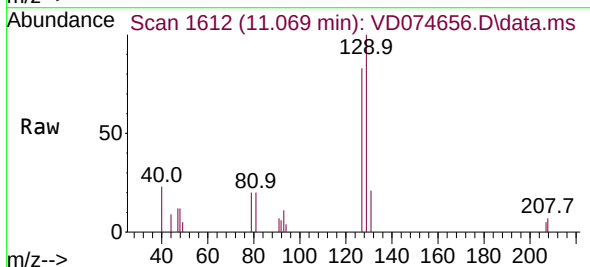
Manual Integrations
APPROVED

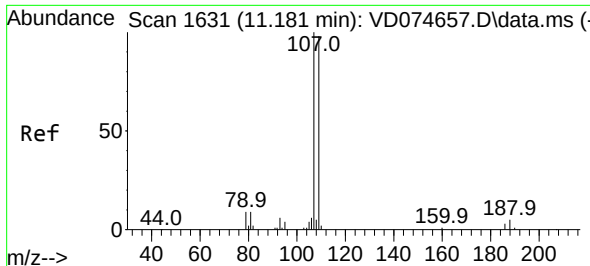
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 8.007 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

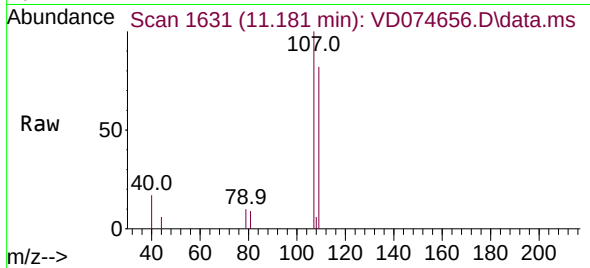
Tgt Ion:129 Resp: 6678
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61
1,2-Dibromoethane
Concen: 7.594 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

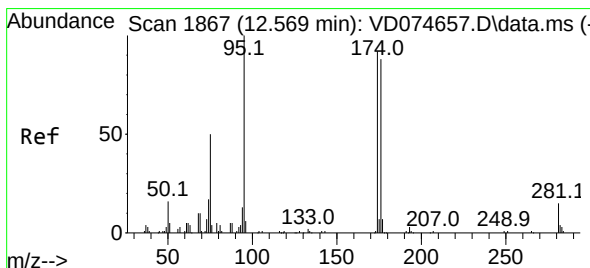
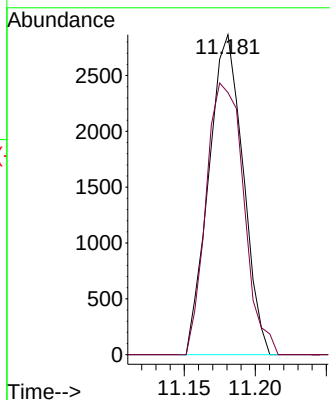
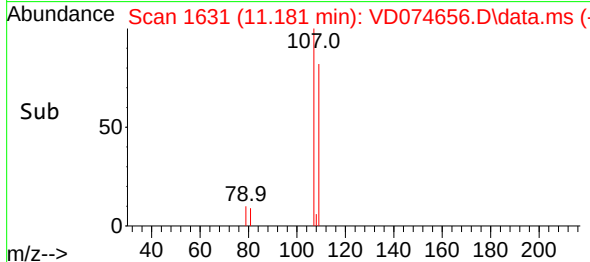
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



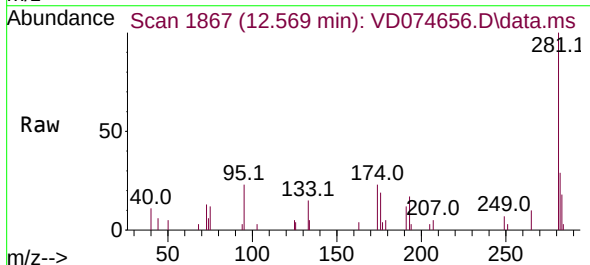
Tgt Ion:107 Resp: 481
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8

Manual Integrations
APPROVED

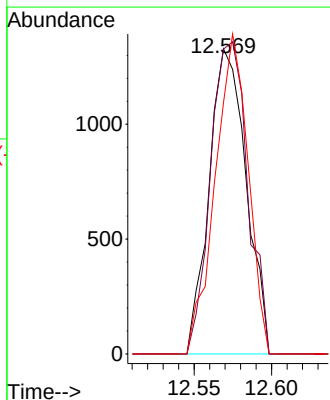
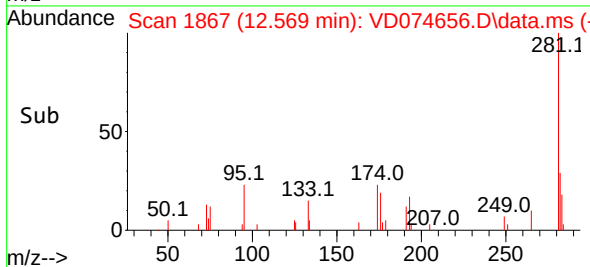
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

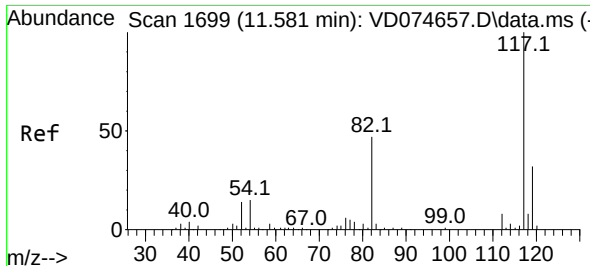


#62
4-Bromofluorobenzene
Concen: 2.175 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



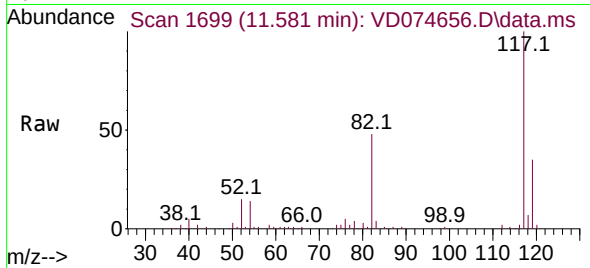
Tgt Ion: 95 Resp: 2209
Ion Ratio Lower Upper
95 100
174 102.4 0.0 197.0
176 93.1 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

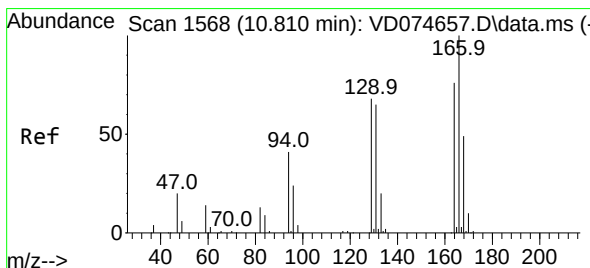
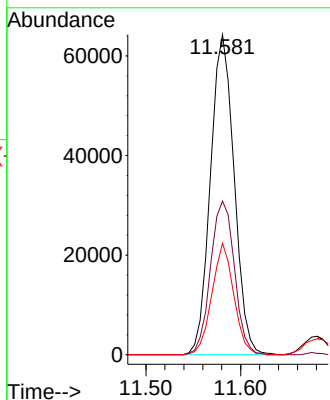
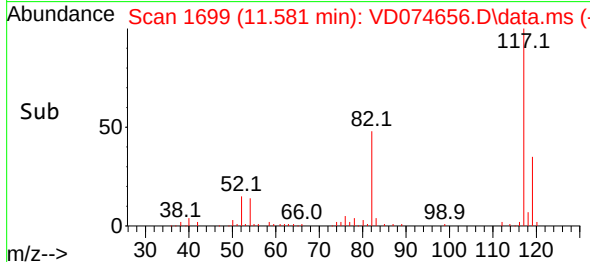
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



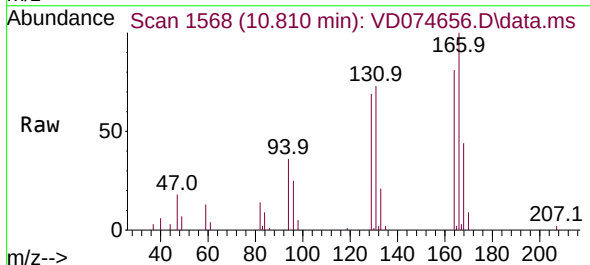
Tgt Ion:117 Resp: 111700
Ion Ratio Lower Upper
117 100
82 48.0 41.6 62.4
119 34.9 25.2 37.8

Manual Integrations
APPROVED

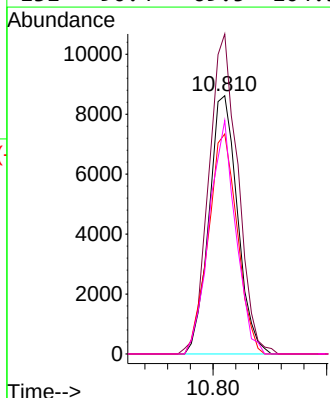
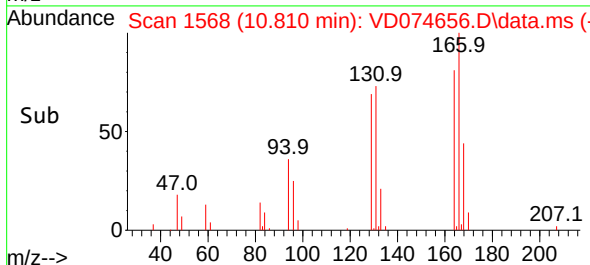
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

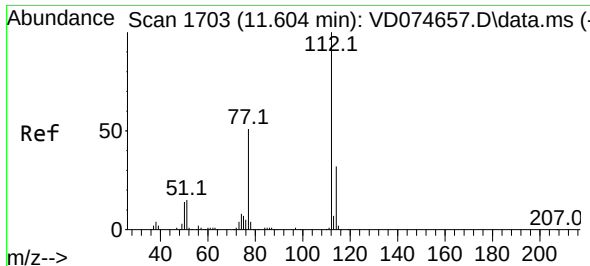


#64
Tetrachloroethene
Concen: 18.161 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



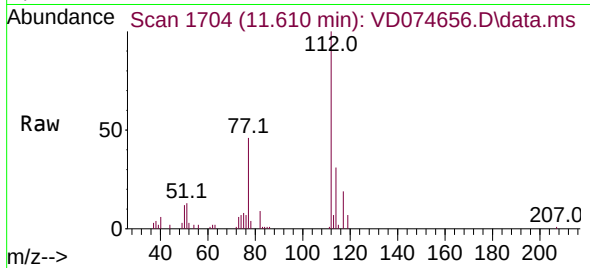
Tgt Ion:164 Resp: 15006
Ion Ratio Lower Upper
164 100
166 123.9 107.8 161.8
129 85.2 77.4 116.2
131 90.4 69.5 104.3





#65
Chlorobenzene
Concen: 11.891 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

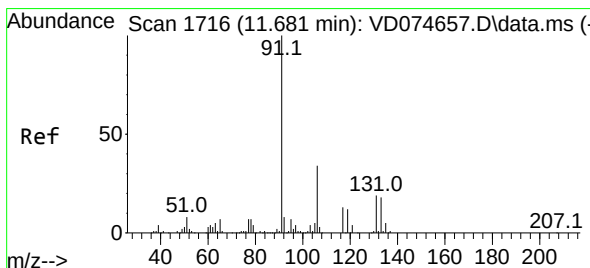
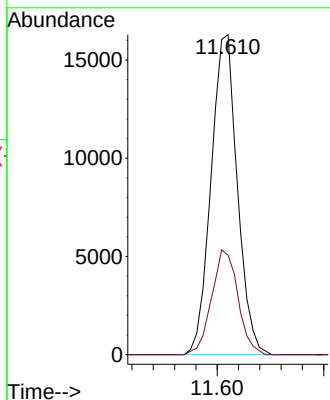
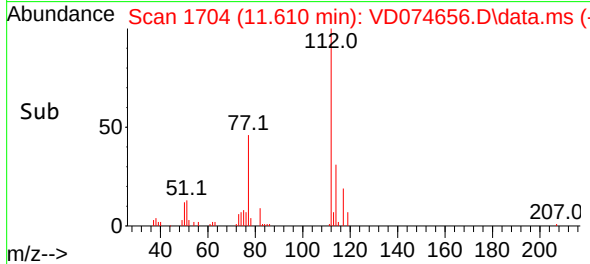
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 27880
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7

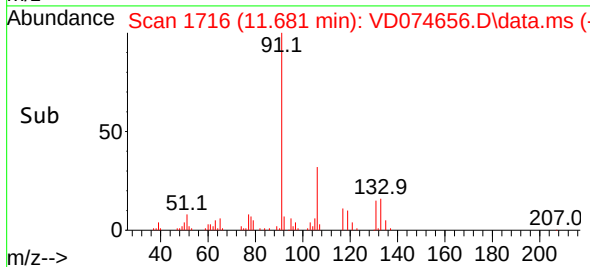
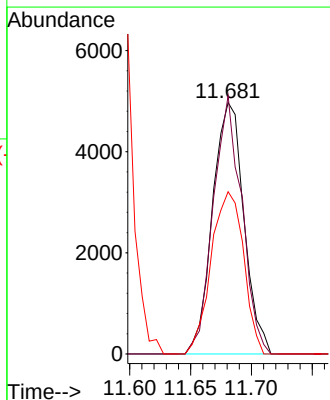
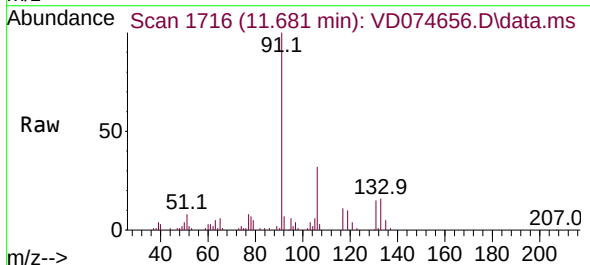
Manual Integrations
APPROVED

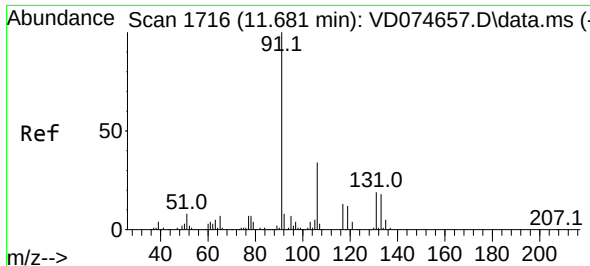
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 11.103 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

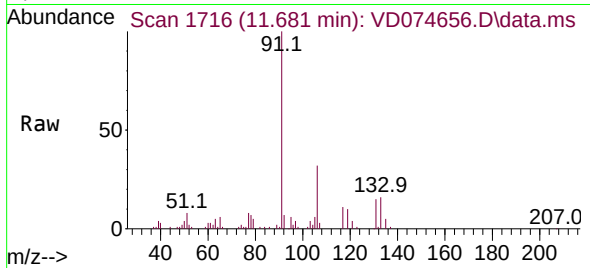
Tgt Ion:131 Resp: 8909
Ion Ratio Lower Upper
131 100
133 93.4 46.6 139.8
119 66.7 32.5 97.4





#67
Ethyl Benzene
Concen: 13.021 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

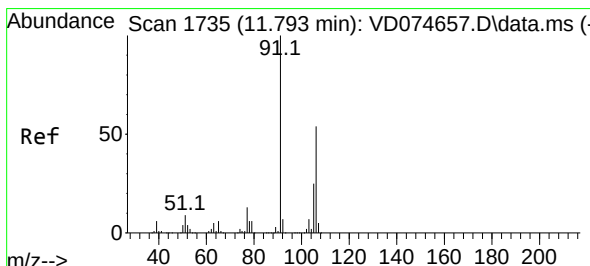
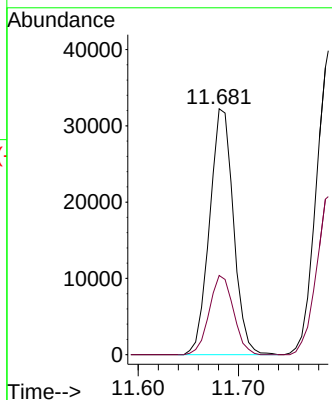
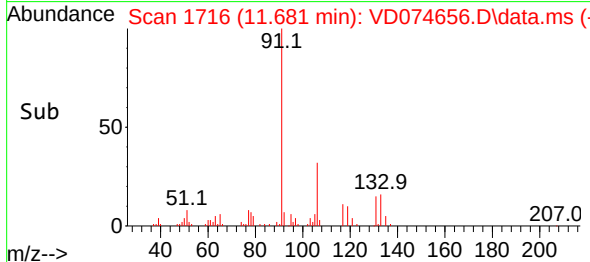
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 53389
Ion Ratio Lower Upper
91 100
106 32.2 26.6 40.0

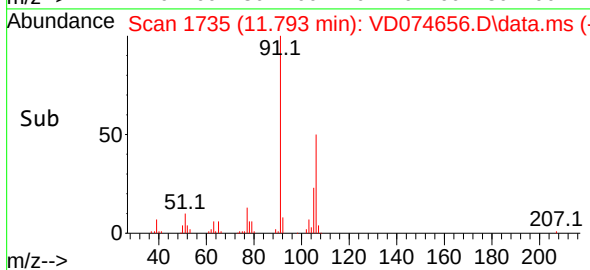
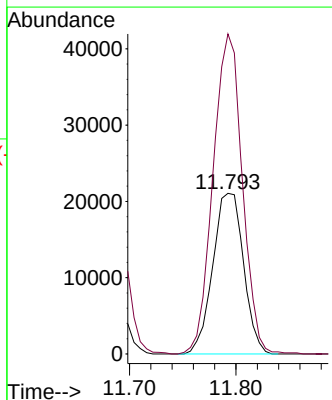
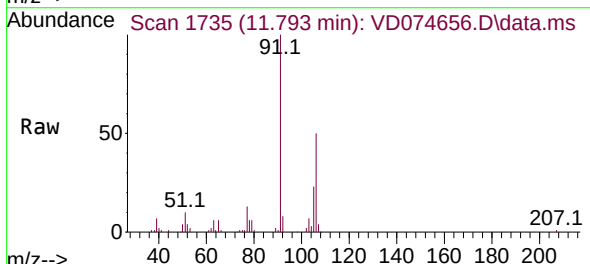
Manual Integrations
APPROVED

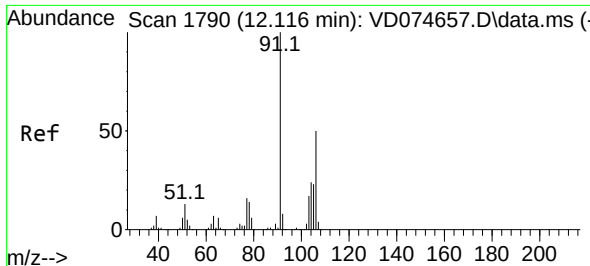
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
m/p-Xylenes
Concen: 25.706 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion:106 Resp: 42188
Ion Ratio Lower Upper
106 100
91 189.9 156.2 234.4





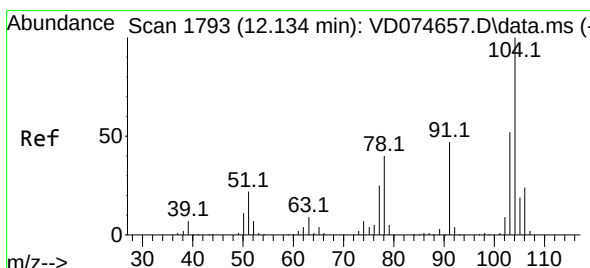
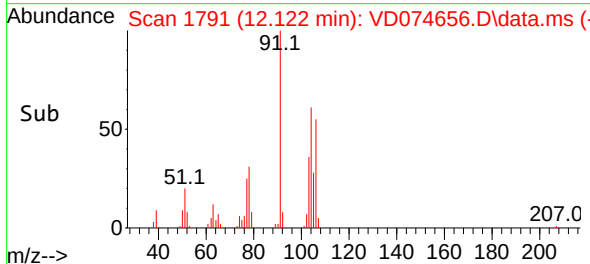
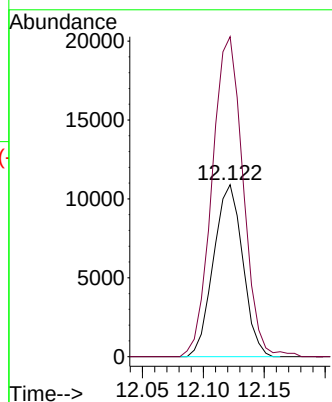
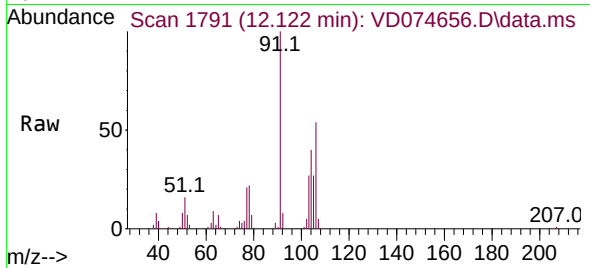
#69
o-Xylene
Concen: 12.049 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1817
Ion Ratio Lower Upper
106 100
91 197.5 104.5 313.3

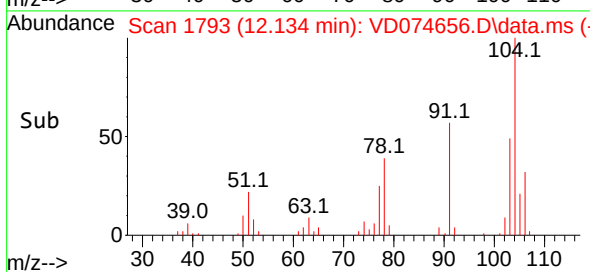
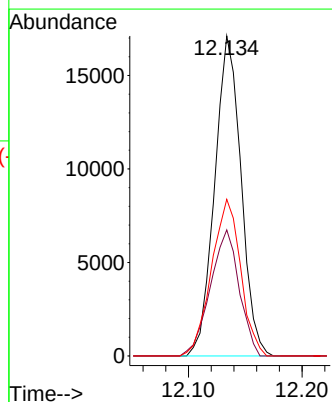
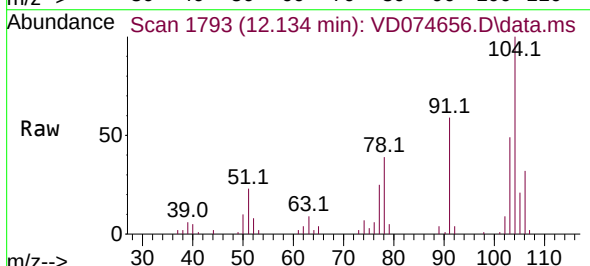
Manual Integrations
APPROVED

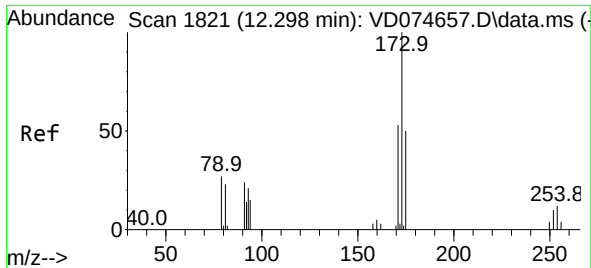
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 10.865 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

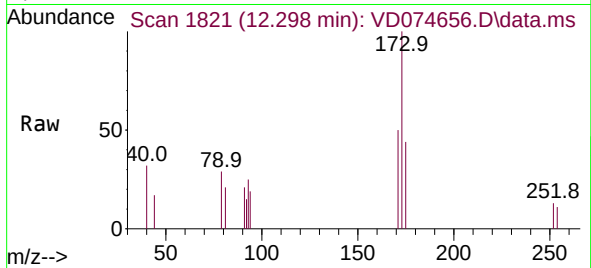
Tgt Ion:104 Resp: 27568
Ion Ratio Lower Upper
104 100
78 43.1 35.7 53.5
103 54.2 43.7 65.5





#71
Bromoform
Concen: 8.241 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

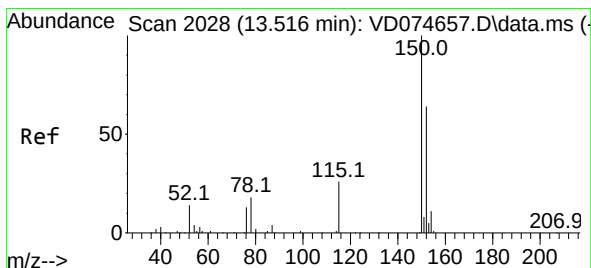
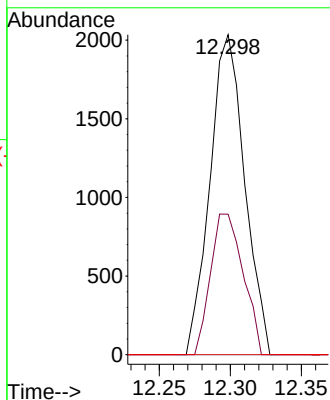
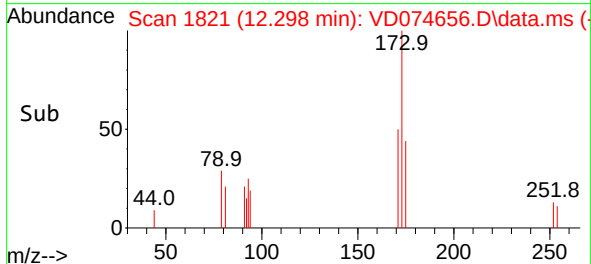
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



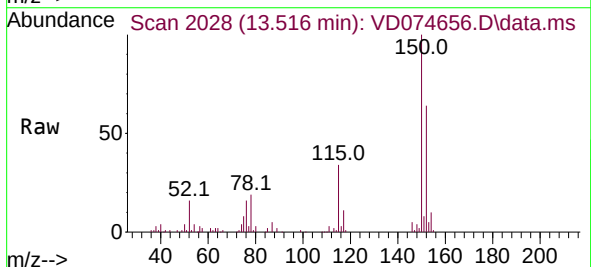
Tgt Ion:173 Resp: 3459
Ion Ratio Lower Upper
173 100
175 41.3 23.1 69.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

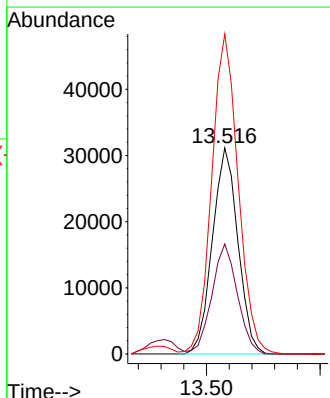
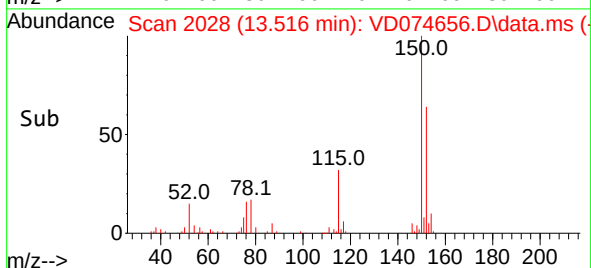
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

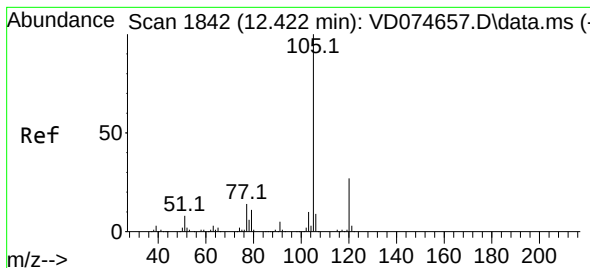


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



Tgt Ion:152 Resp: 48533
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 161.1 0.0 348.2





#73

Isopropylbenzene

Concen: 14.586 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 54770

Ion Ratio Lower Upper

105 100

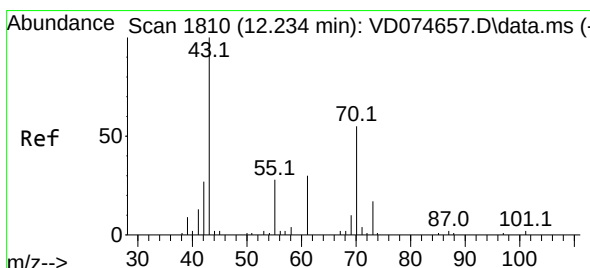
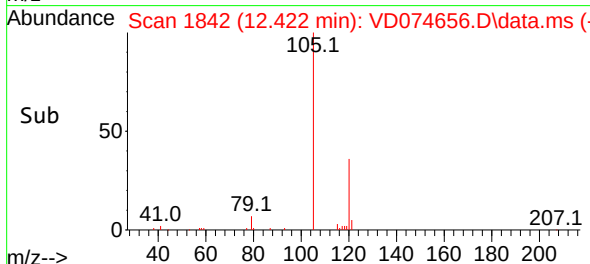
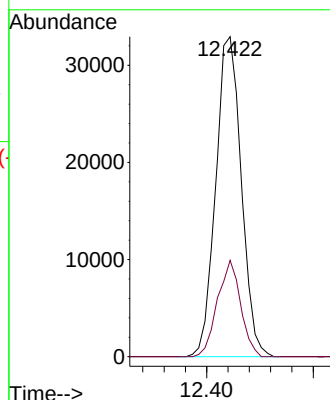
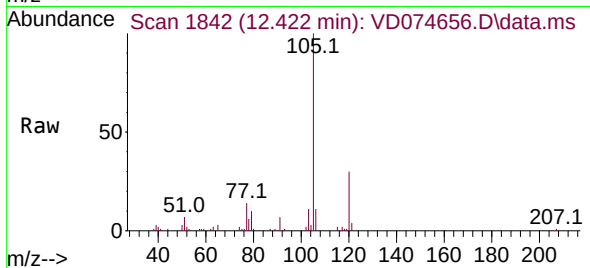
120 27.3 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#74

N-ethyl acetate

Concen: 6.613 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion: 43 Resp: 3684

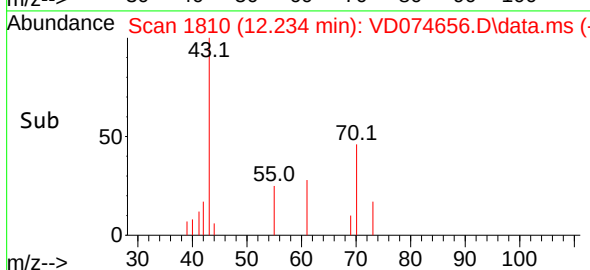
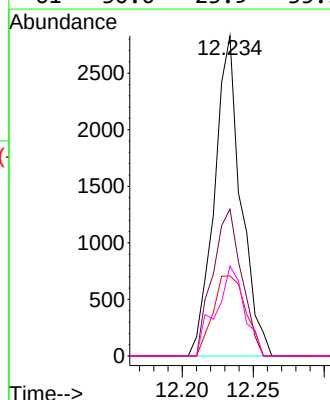
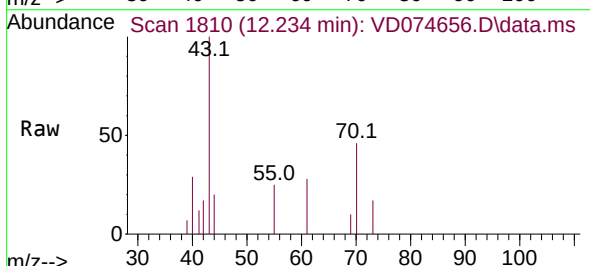
Ion Ratio Lower Upper

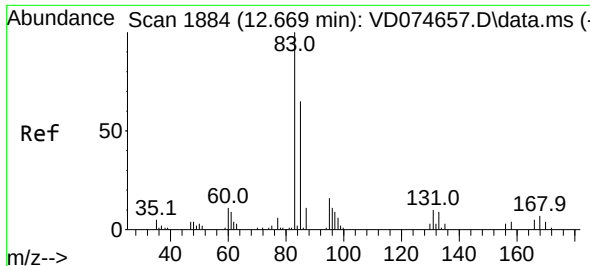
43 100

70 49.7 43.8 65.6

55 30.7 22.0 33.0

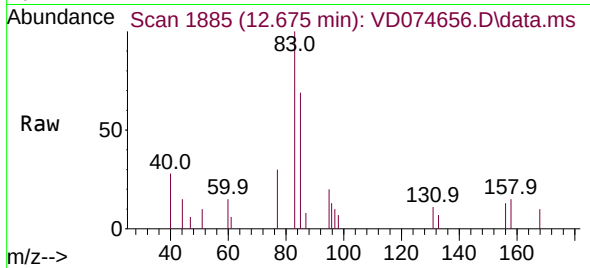
61 30.0 23.9 35.9





#75
1,1,2,2-Tetrachloroethane
Concen: 7.327 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

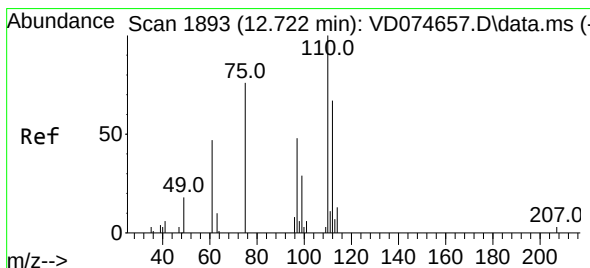
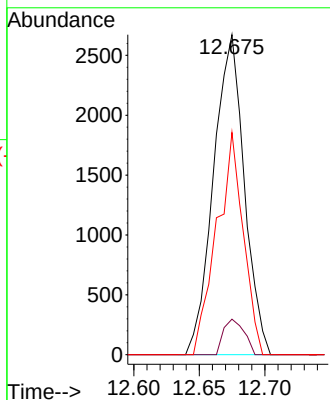
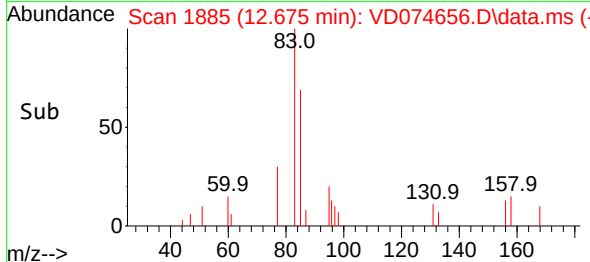
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 4358
Ion Ratio Lower Upper
83 100
131 7.4 4.7 14.1
85 59.9 33.1 99.2

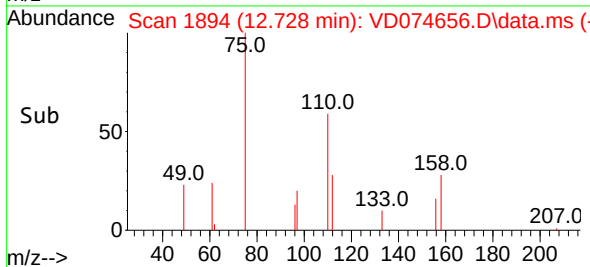
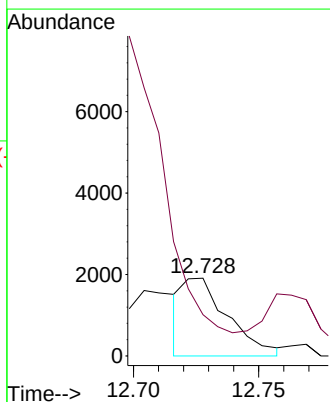
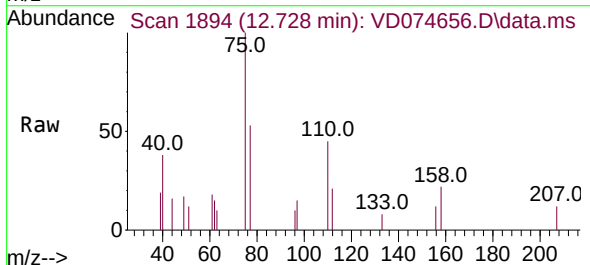
Manual Integrations
APPROVED

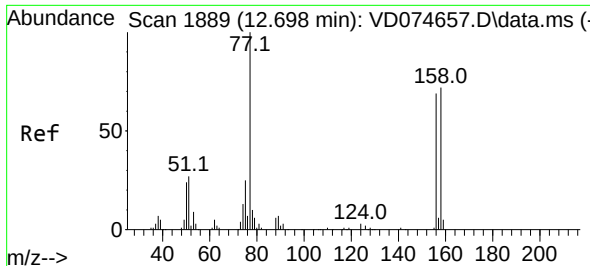
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 5.775 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

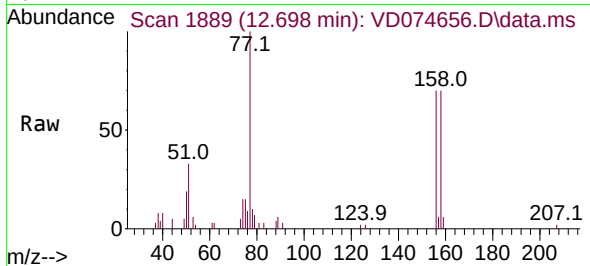
Tgt Ion: 75 Resp: 2395
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77
Bromobenzene
Concen: 10.712 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

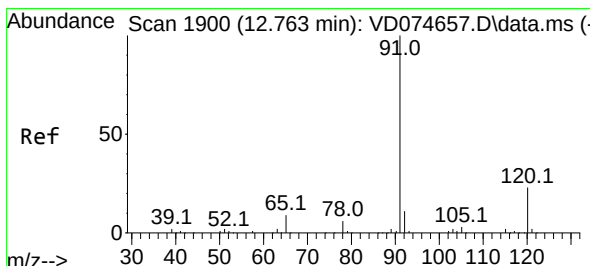
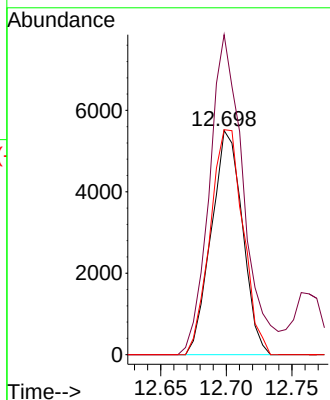
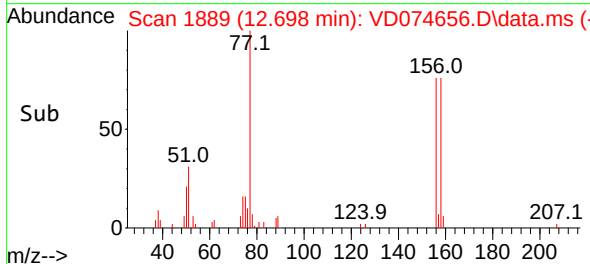
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



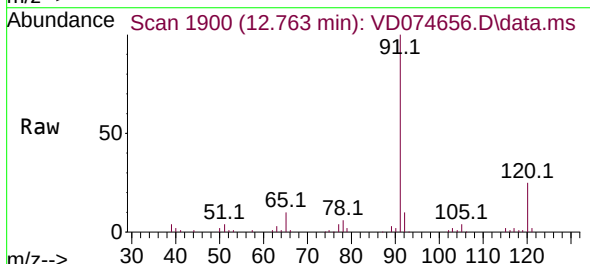
Tgt Ion:156 Resp: 9084
Ion Ratio Lower Upper
156 100
77 156.1 77.7 233.1
158 106.4 49.4 148.2

Manual Integrations
APPROVED

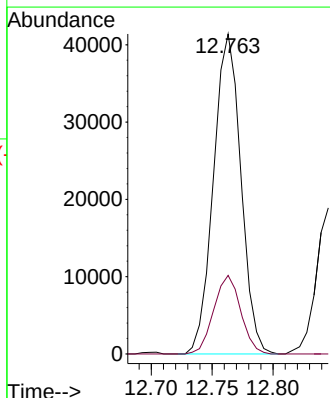
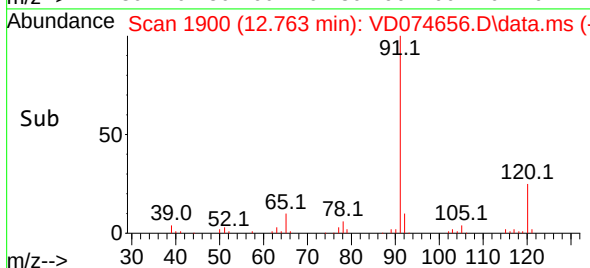
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

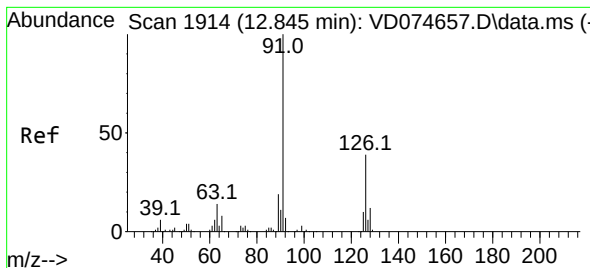


#78
n-propylbenzene
Concen: 14.534 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



Tgt Ion: 91 Resp: 64867
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 13.392 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3224

Ion Ratio Lower Upper

91 100

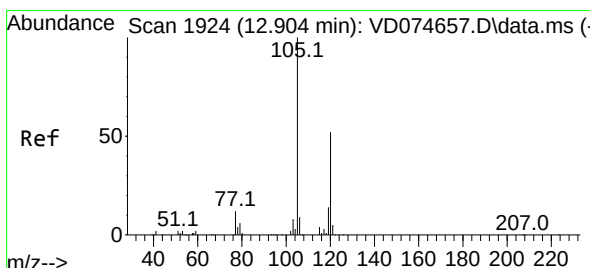
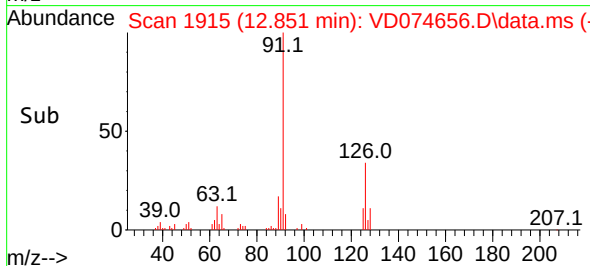
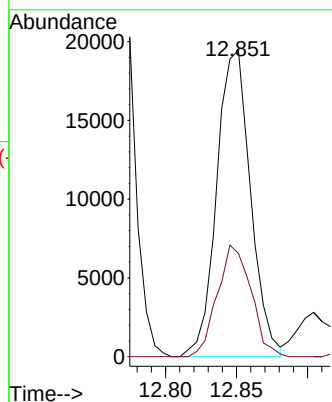
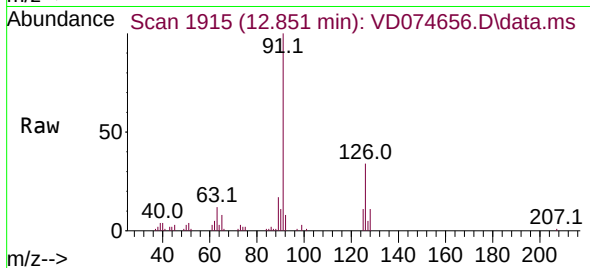
126 36.2 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#80

1,3,5-Trimethylbenzene

Concen: 13.282 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD074656.D

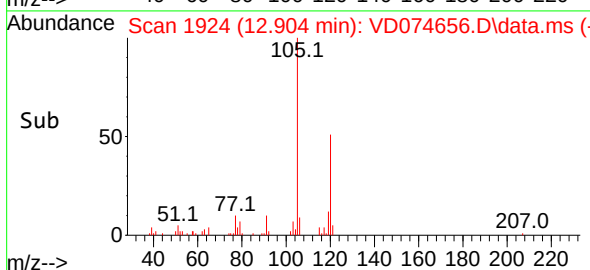
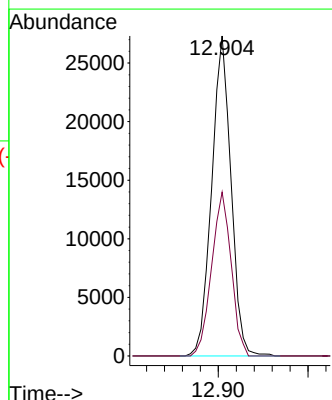
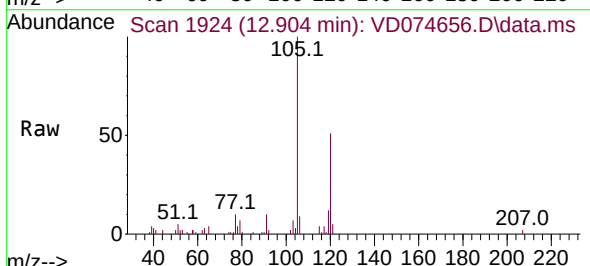
Acq: 27 Oct 2022 17:22

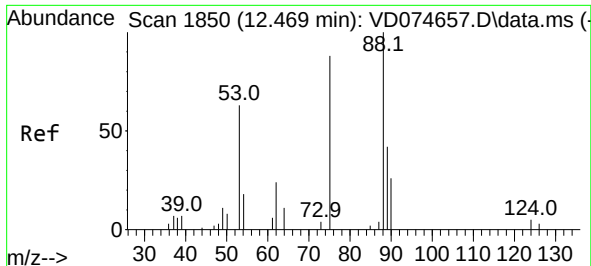
Tgt Ion:105 Resp: 40748

Ion Ratio Lower Upper

105 100

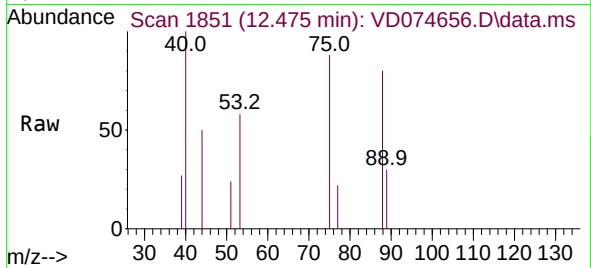
120 51.8 25.7 77.0





#81
trans-1,4-Dichloro-2-butene
Concen: 5.638 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

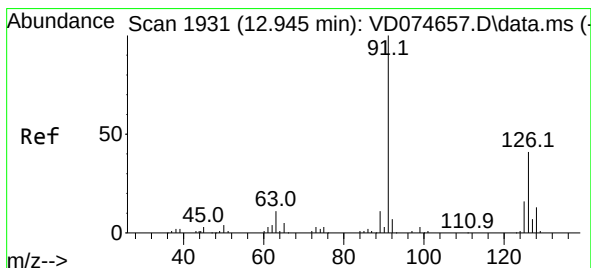
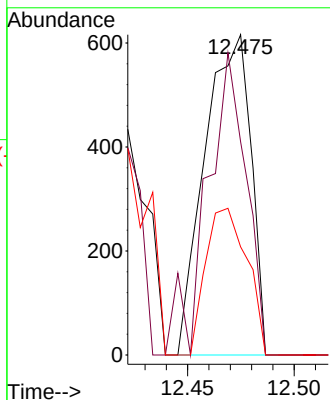
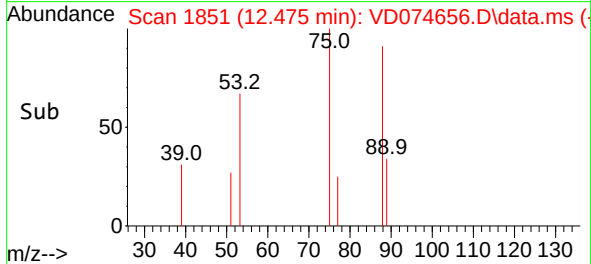
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
53 80.1 63.8 95.6
89 41.1 38.2 57.4

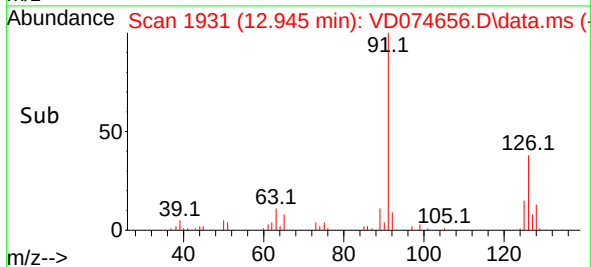
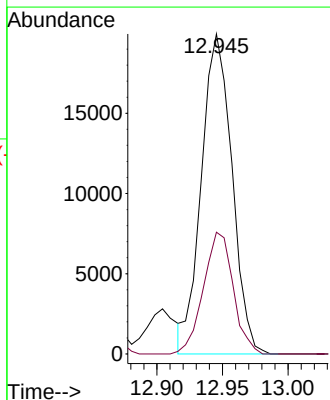
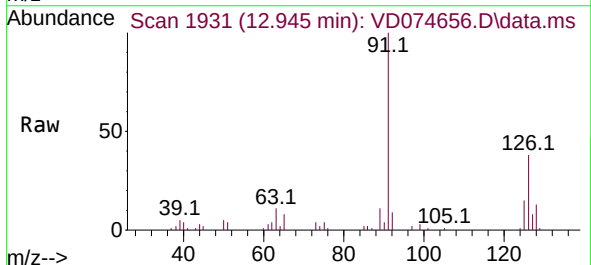
Manual Integrations
APPROVED

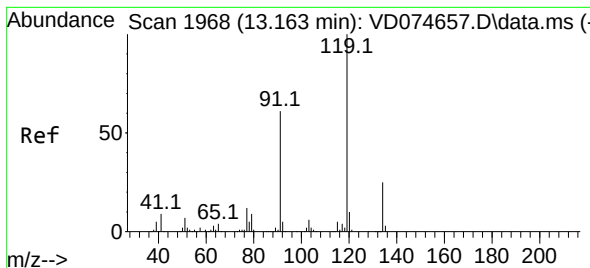
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 13.012 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

Tgt Ion: 91 Resp: 32342
Ion Ratio Lower Upper
91 100
126 37.1 18.8 56.4





#83

tert-Butylbenzene

Concen: 14.429 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

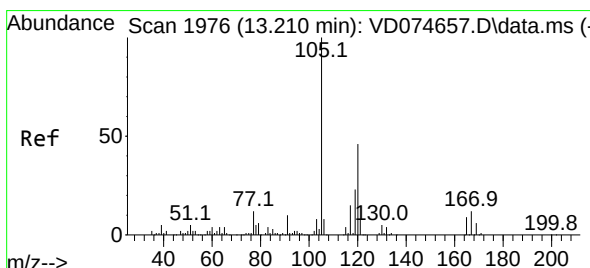
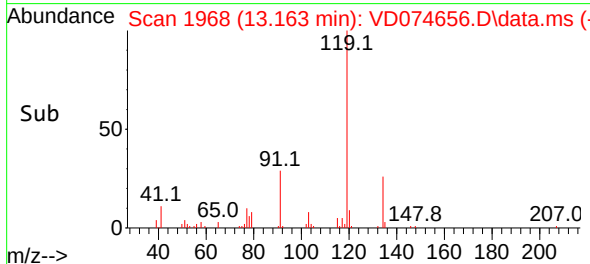
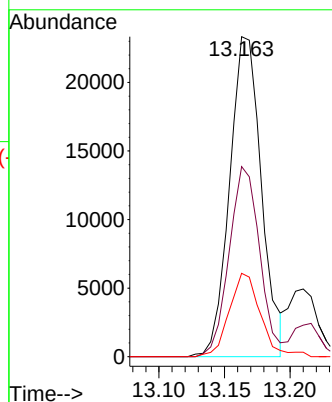
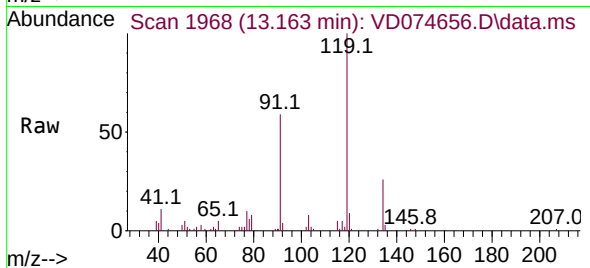
Tgt Ion:	119	Resp:	3945
Ion Ratio	Lower	Upper	
119	100		
91	56.8	30.0	90.0
134	25.5	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#84

1,2,4-Trimethylbenzene

Concen: 12.355 ug/l

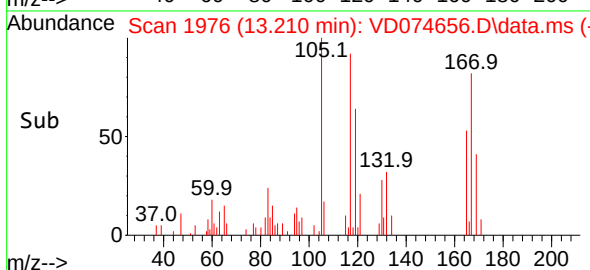
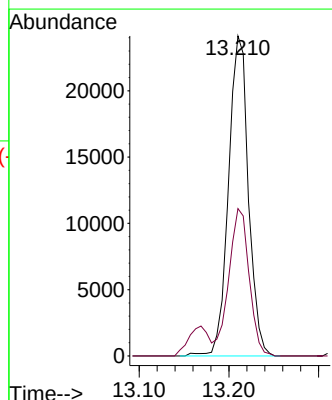
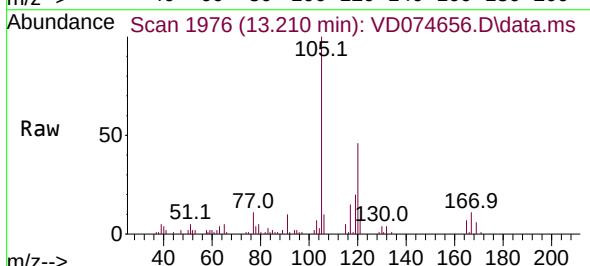
RT: 13.210 min Scan# 1976

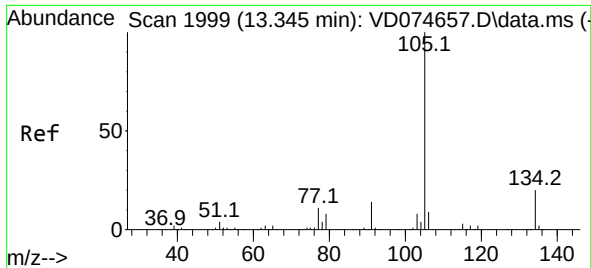
Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion:	105	Resp:	37208
Ion Ratio	Lower	Upper	
105	100		
120	47.3	22.9	68.7





#85
 sec-Butylbenzene
 Concen: 15.599 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD074656.D
 Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

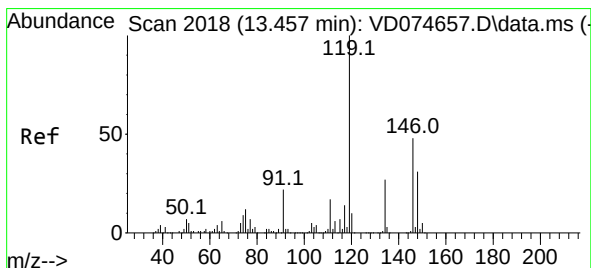
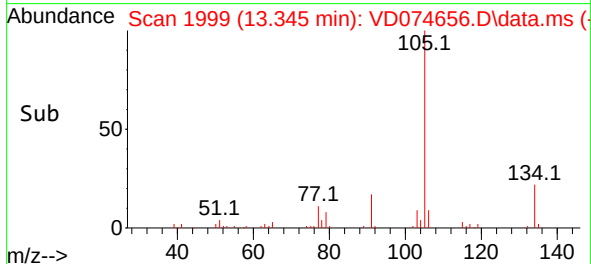
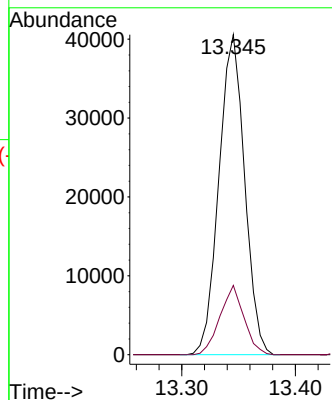
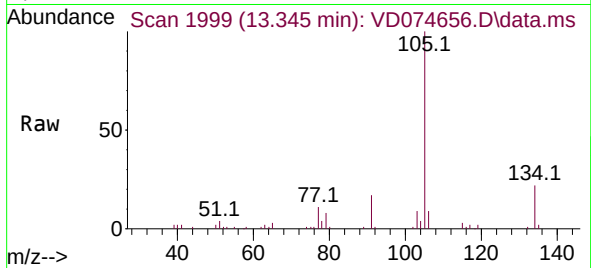
VSTDIC005

Tgt Ion:105 Resp: 6371
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

Manual Integrations

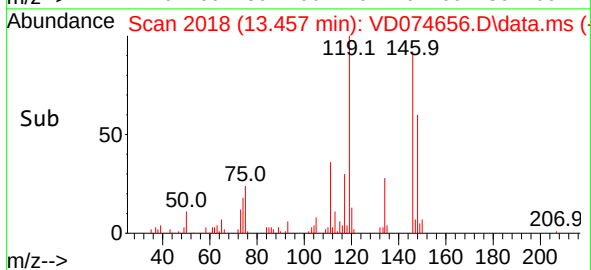
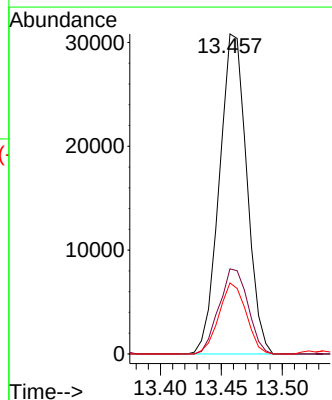
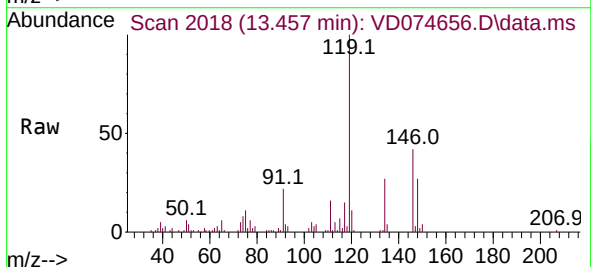
APPROVED

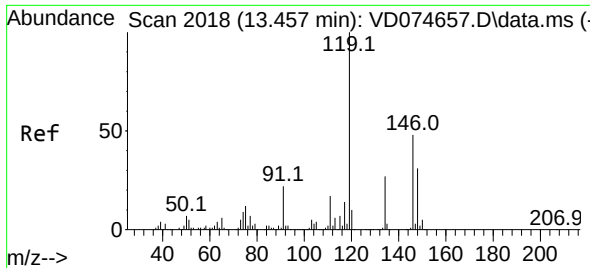
Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 14.085 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074656.D
 Acq: 27 Oct 2022 17:22

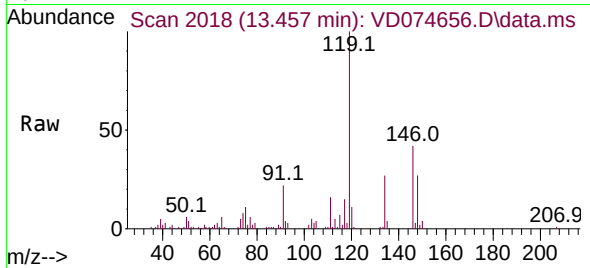
Tgt Ion:119 Resp: 48258
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.5 40.4
 91 22.0 10.8 32.4





#87
1,3-Dichlorobenzene
Concen: 11.974 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

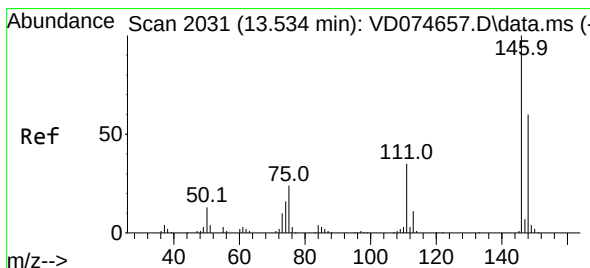
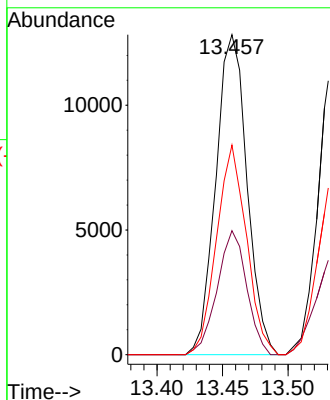
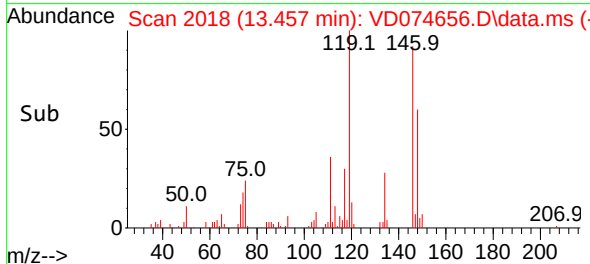
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



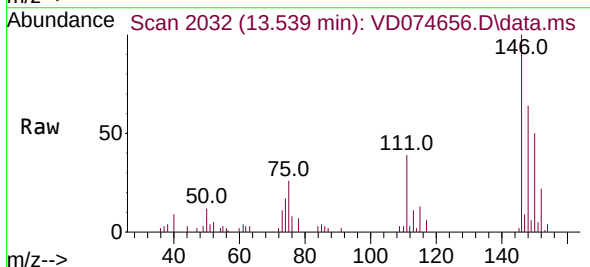
Tgt Ion:146 Resp: 21215
Ion Ratio Lower Upper
146 100
111 36.7 18.3 54.8
148 62.8 31.8 95.4

Manual Integrations
APPROVED

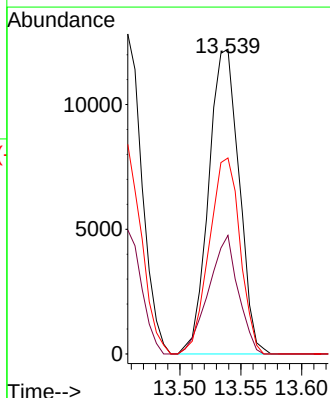
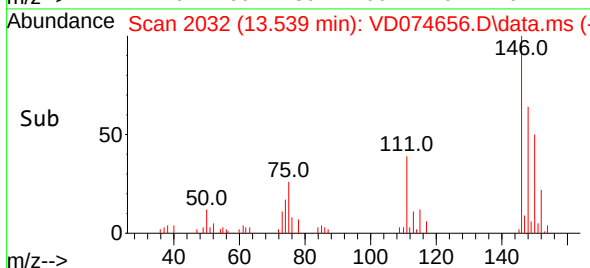
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

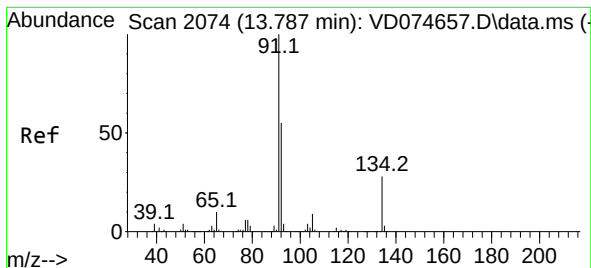


#88
1,4-Dichlorobenzene
Concen: 12.275 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



Tgt Ion:146 Resp: 21266
Ion Ratio Lower Upper
146 100
111 37.8 17.7 53.1
148 65.1 32.3 96.9





#89

n-Butylbenzene

Concen: 14.534 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

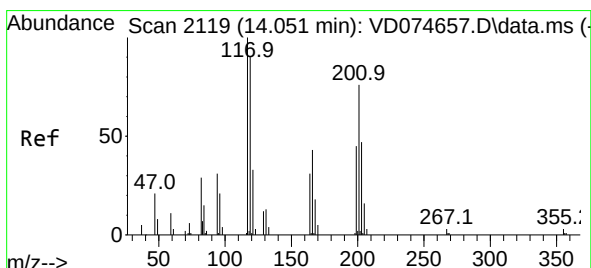
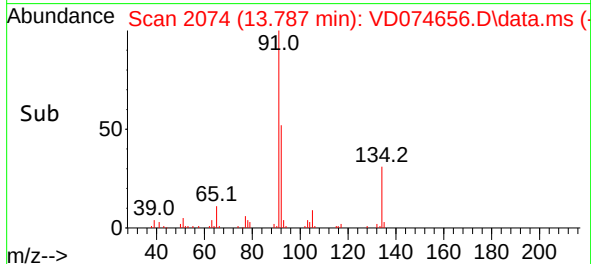
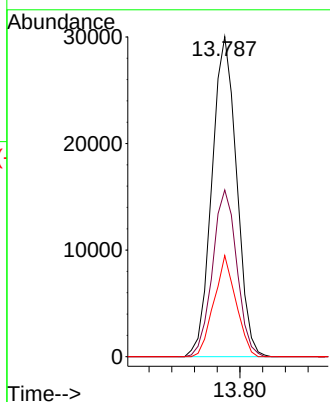
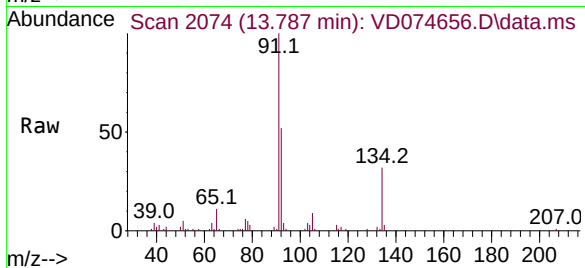
Tgt Ion:	91	Resp:	45328
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.9	80.7
134	28.2	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachloroethane

Concen: 14.801 ug/l

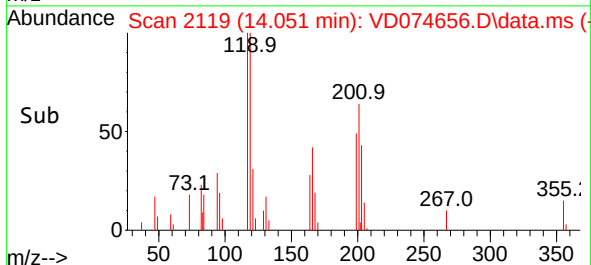
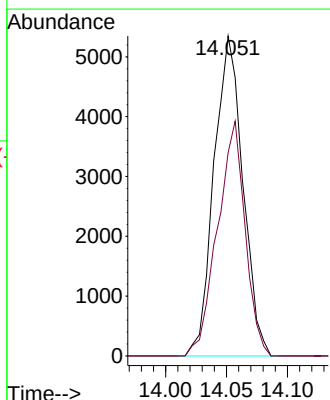
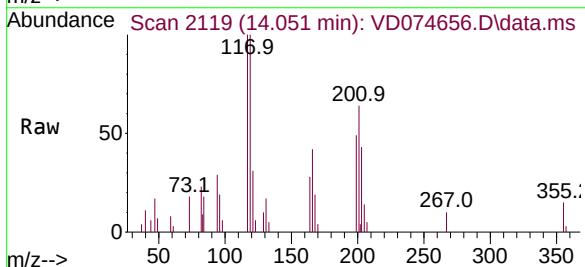
RT: 14.051 min Scan# 2119

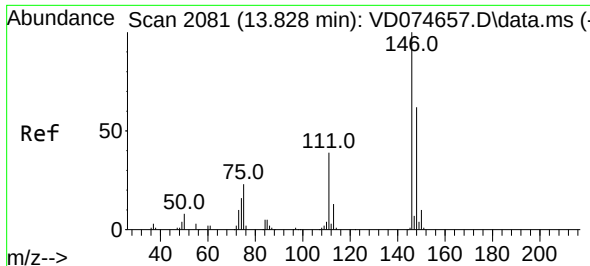
Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Tgt Ion:	117	Resp:	8832
Ion Ratio	Lower	Upper	
117	100		
201	70.3	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 11.126 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

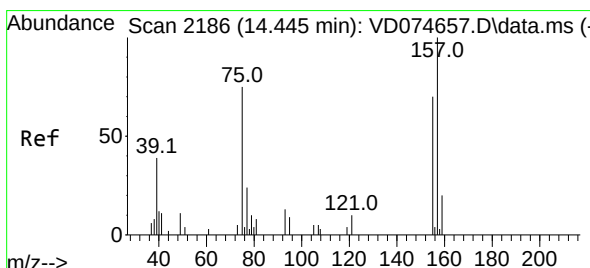
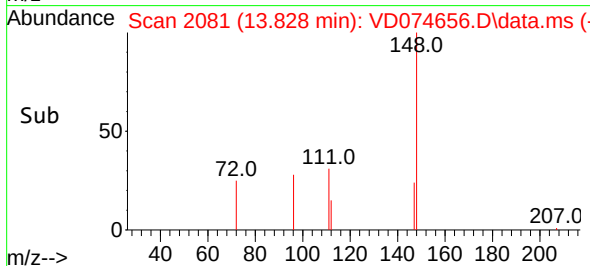
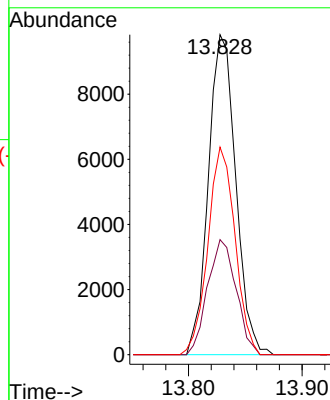
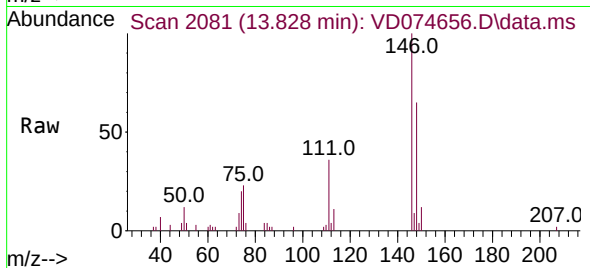
Tgt Ion:	146	Resp:	1646
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.5
148	64.3	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.597 ug/l

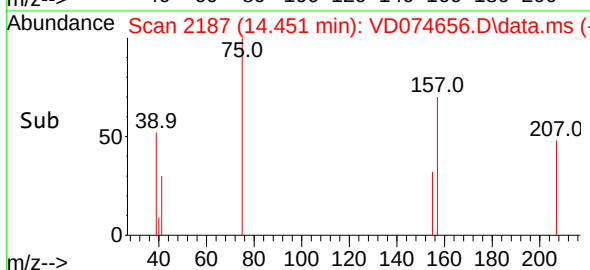
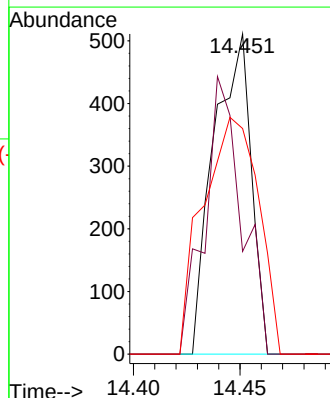
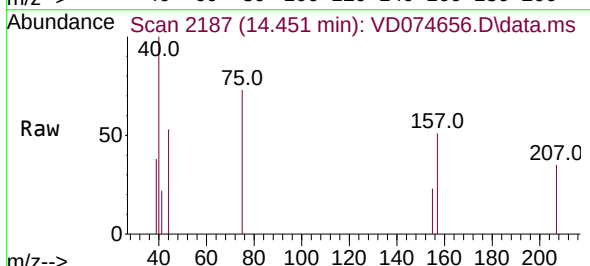
RT: 14.451 min Scan# 2187

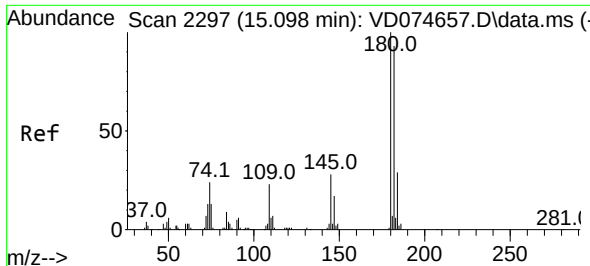
Delta R.T. 0.006 min

Lab File: VD074656.D

Acq: 27 Oct 2022 17:22

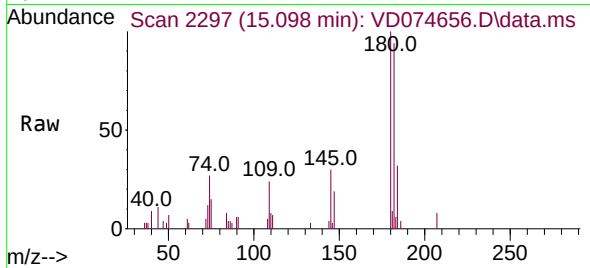
Tgt Ion:	75	Resp:	625
Ion Ratio	Lower	Upper	
75	100		
155	86.1	51.2	153.8
157	110.1	68.2	204.5





#93
1,2,4-Trichlorobenzene
Concen: 9.701 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

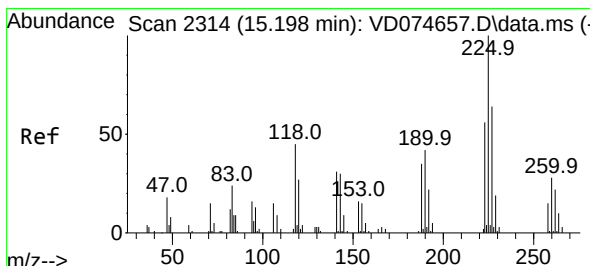
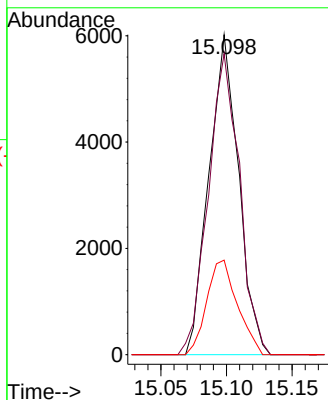
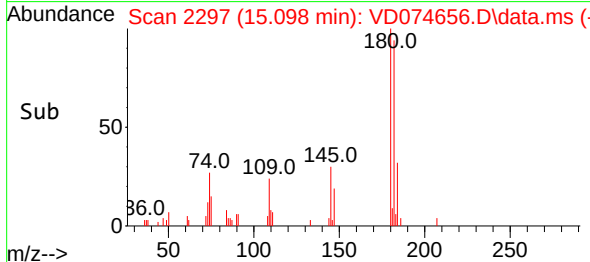
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



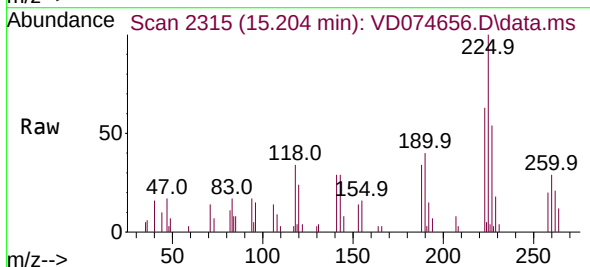
Tgt Ion:180 Resp: 946
Ion Ratio Lower Upper
180 100
182 98.7 46.9 140.6
145 30.6 14.1 42.3

Manual Integrations
APPROVED

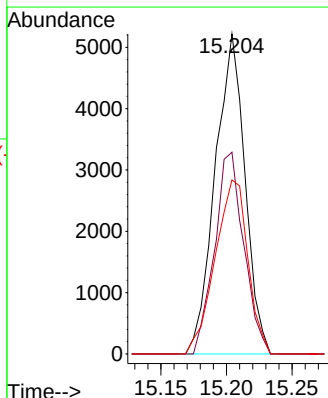
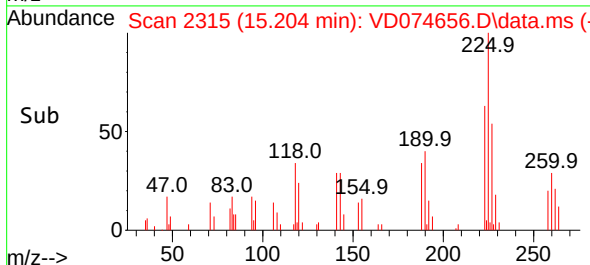
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

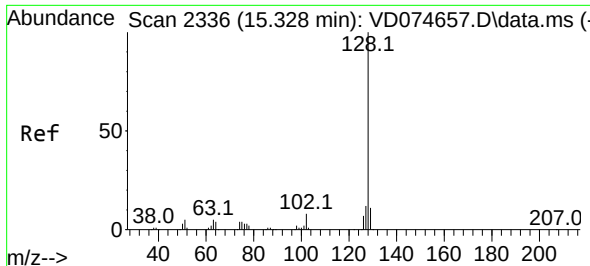


#94
Hexachlorobutadiene
Concen: 15.505 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



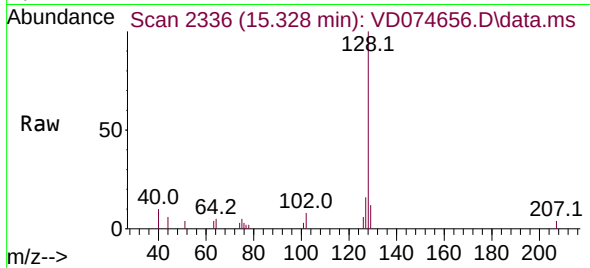
Tgt Ion:225 Resp: 8243
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.5
227 59.7 32.6 97.8





#95
Naphthalene
Concen: 6.955 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22

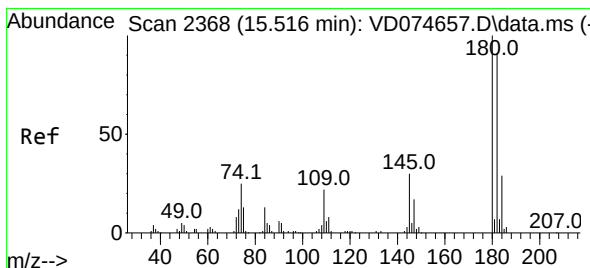
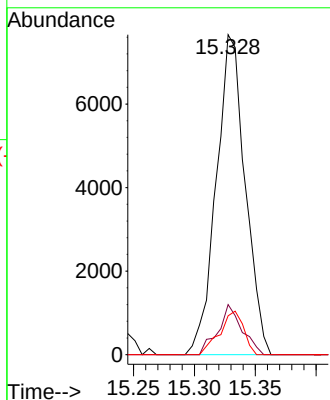
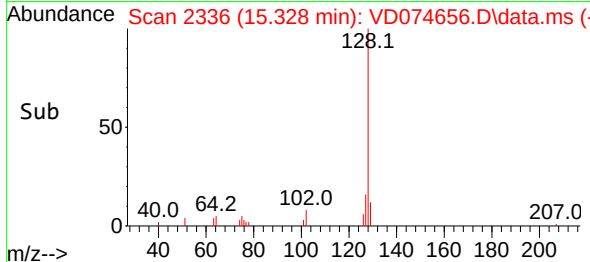
Instrument : MSVOA_D
ClientSampleId : VSTDIC005



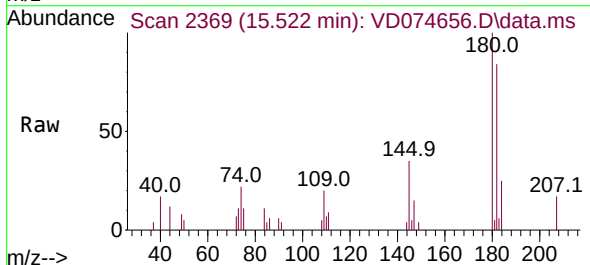
Tgt Ion:128 Resp: 12700
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.2 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 9.014 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074656.D
Acq: 27 Oct 2022 17:22



Tgt Ion:180 Resp: 7493
Ion Ratio Lower Upper
180 100
182 92.9 46.7 140.1
145 31.0 14.9 44.7

