

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
 Data File : VD075256.D
 Acq On : 07 Feb 2023 11:16
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 03:26:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 03:23:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	59906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	88160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14577	20.752	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.500%#		
35) Dibromofluoromethane	7.805	113	14159	20.597	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.200%#		
50) Toluene-d8	10.269	98	54526	20.915	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	41.840%#		
62) 4-Bromofluorobenzene	12.575	95	17100	19.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12044	23.042	ug/l	98
3) Chloromethane	2.146	50	21071	22.293	ug/l	96
4) Vinyl Chloride	2.281	62	20651	20.721	ug/l	100
5) Bromomethane	2.675	94	13261	20.796	ug/l	100
6) Chloroethane	2.834	64	14206	20.662	ug/l	94
7) Trichlorofluoromethane	3.175	101	26336	21.253	ug/l	95
8) Diethyl Ether	3.593	74	6680	20.053	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	14582	20.737	ug/l	99
10) Methyl Iodide	4.164	142	15184	19.463	ug/l #	85
11) Tert butyl alcohol	5.052	59	4789	114.595	ug/l	100
12) 1,1-Dichloroethene	3.934	96	13906	20.740	ug/l	96
13) Acrolein	3.799	56	3471	142.146	ug/l #	65
14) Allyl chloride	4.569	41	22428	20.105	ug/l	94
15) Acrylonitrile	5.258	53	15844	101.292	ug/l	98
16) Acetone	4.028	43	17599	94.750	ug/l	99
17) Carbon Disulfide	4.270	76	43039	20.806	ug/l	95
18) Methyl Acetate	4.569	43	10893	20.366	ug/l	96
19) Methyl tert-butyl Ether	5.311	73	31059	20.176	ug/l	98
20) Methylene Chloride	4.805	84	18350	19.805	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	15797	20.820	ug/l	92
22) Diisopropyl ether	6.216	45	44557	20.081	ug/l	97
23) Vinyl Acetate	6.164	43	61369	92.598	ug/l	95
24) 1,1-Dichloroethane	6.111	63	27970	20.218	ug/l	100
25) 2-Butanone	7.087	43	22596	98.180	ug/l	99
26) 2,2-Dichloropropane	7.069	77	24750	20.212	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	17869	21.051	ug/l	95
28) Bromochloromethane	7.422	49	8375	22.045	ug/l #	88
29) Tetrahydrofuran	7.446	42	12433	100.321	ug/l	95
30) Chloroform	7.599	83	28043	19.695	ug/l	94
31) Cyclohexane	7.875	56	24839	19.914	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	25356	19.908	ug/l	99
36) 1,1-Dichloropropene	8.011	75	21440	20.022	ug/l	98
37) Ethyl Acetate	7.169	43	9636	20.633	ug/l #	93
38) Carbon Tetrachloride	7.993	117	20771	20.933	ug/l	95
39) Methylcyclohexane	9.275	83	24458	19.732	ug/l	97
40) Benzene	8.252	78	61427	20.410	ug/l	94

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Manual Integrations
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Reviewed By :Krupa Patel 02/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5767m	17.902	ug/l	
42) 1,2-Dichloroethane	8.328	62	17994	20.651	ug/l	99
43) Isopropyl Acetate	8.358	43	18269	20.472	ug/l	95
44) Trichloroethene	9.028	130	16867	20.331	ug/l	99
45) 1,2-Dichloropropane	9.305	63	14780	19.337	ug/l	91
46) Dibromomethane	9.393	93	8519	20.112	ug/l	97
47) Bromodichloromethane	9.587	83	21158	20.070	ug/l	95
48) Methyl methacrylate	9.381	41	8144	19.216	ug/l	96
49) 1,4-Dioxane	9.387	88	1668	423.689	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	44788	99.275	ug/l	96
52) Toluene	10.334	92	37578	19.823	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	17574	19.246	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	21648	19.829	ug/l	93
55) 1,1,2-Trichloroethane	10.740	97	11240	20.788	ug/l	94
56) Ethyl methacrylate	10.599	69	12656	20.134	ug/l	95
57) 1,3-Dichloropropane	10.881	76	18556	20.145	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	16569	101.302	ug/l	100
59) 2-Hexanone	10.922	43	31978	97.020	ug/l	96
60) Dibromochloromethane	11.075	129	14004	20.904	ug/l	100
61) 1,2-Dibromoethane	11.181	107	10438	20.020	ug/l	98
64) Tetrachloroethene	10.810	164	14001	20.620	ug/l	90
65) Chlorobenzene	11.610	112	40350	20.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	14724	20.341	ug/l	98
67) Ethyl Benzene	11.687	91	73433	20.006	ug/l	98
68) m/p-Xylenes	11.799	106	56756	40.650	ug/l	98
69) o-Xylene	12.122	106	27154	20.820	ug/l	100
70) Styrene	12.140	104	45587	20.635	ug/l	99
71) Bromoform	12.304	173	8030	20.653	ug/l #	99
73) Isopropylbenzene	12.422	105	71280	20.233	ug/l	97
74) N-amyl acetate	12.234	43	15904	20.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	12462	20.332	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	9541m	13.158	ug/l	
77) Bromobenzene	12.704	156	16536	20.728	ug/l	98
78) n-propylbenzene	12.763	91	89117	20.330	ug/l	97
79) 2-Chlorotoluene	12.851	91	48230	20.058	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	59111	20.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	2609	18.521	ug/l	90
82) 4-Chlorotoluene	12.951	91	50821	20.262	ug/l	98
83) tert-Butylbenzene	13.169	119	50426	19.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	59752	20.395	ug/l	98
85) sec-Butylbenzene	13.346	105	78309	20.185	ug/l	99
86) p-Isopropyltoluene	13.463	119	64584	20.351	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	32700	20.280	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	33123	20.530	ug/l	96
89) n-Butylbenzene	13.793	91	62617	20.211	ug/l	98
90) Hexachloroethane	14.051	117	12759	20.393	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	28798	20.584	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2049	21.554	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	17727	20.231	ug/l	97
94) Hexachlorobutadiene	15.204	225	9299	20.115	ug/l	93
95) Naphthalene	15.334	128	32964	20.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	15699	20.766	ug/l	96

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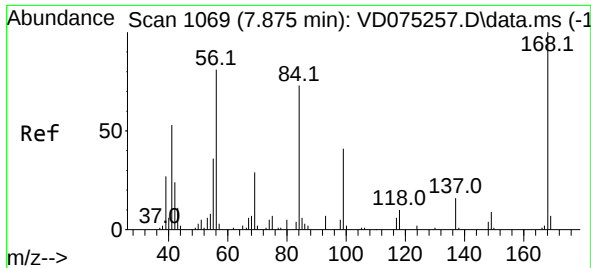
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 03:26:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

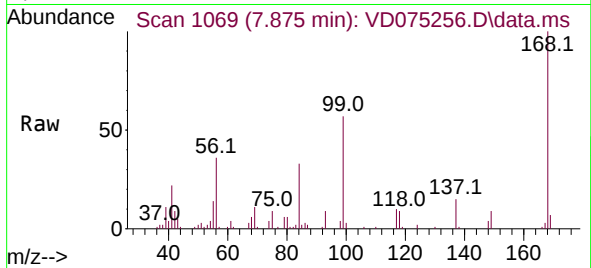
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

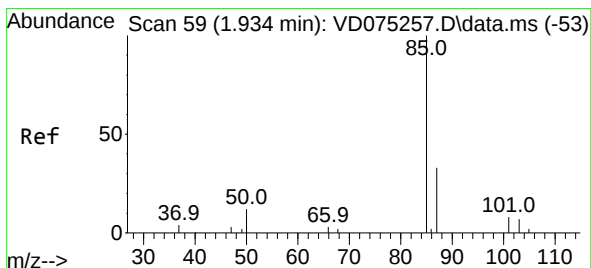
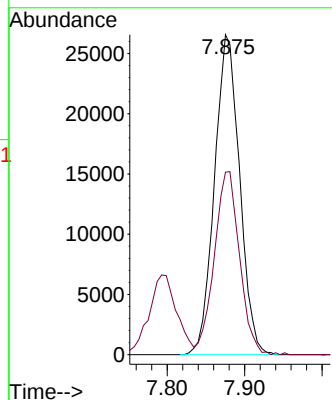
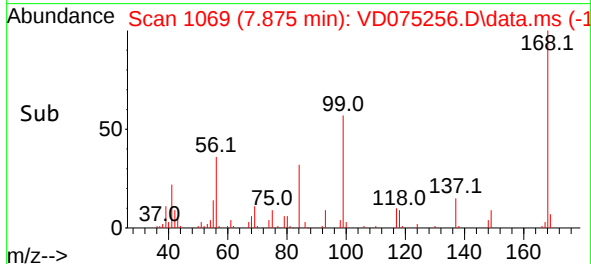
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 59900
Ion Ratio Lower Upper
168 100
99 57.1 45.2 67.8

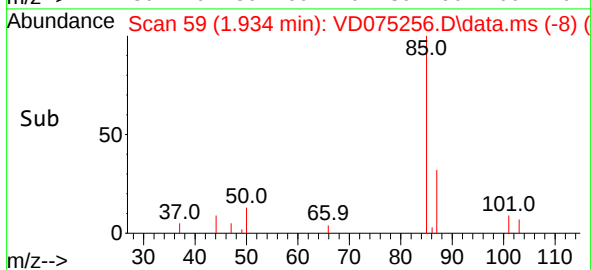
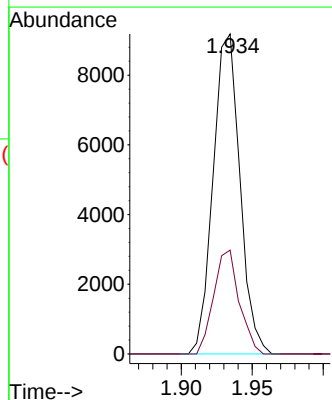
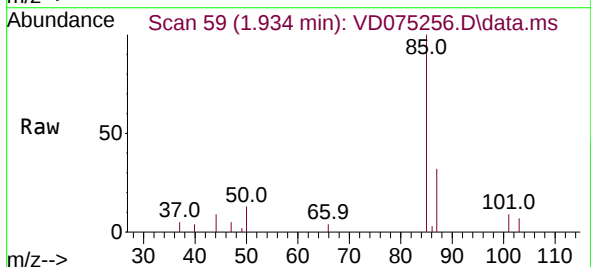
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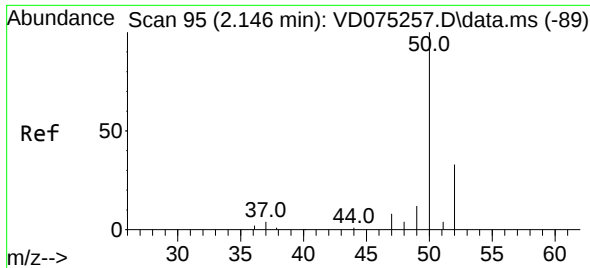
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 23.042 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

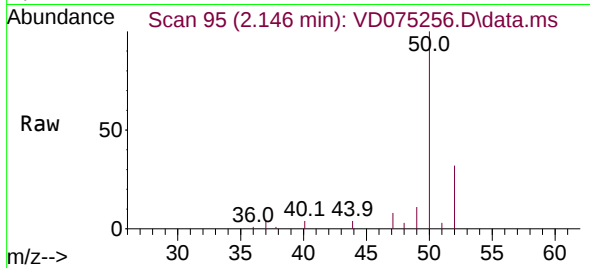
Tgt Ion: 85 Resp: 12044
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3
Chloromethane
Concen: 22.293 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

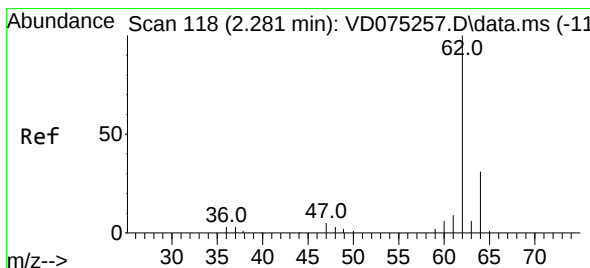
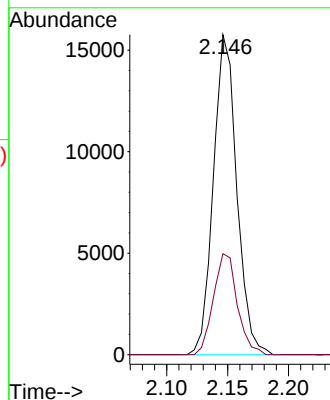
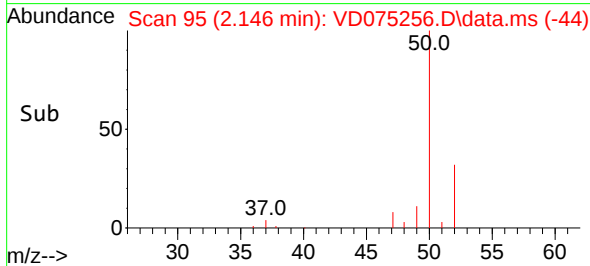
Instrument :
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ClientSampleId :
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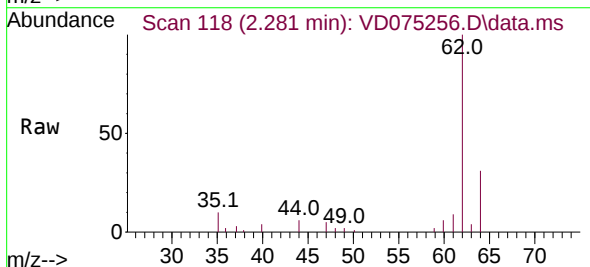
Tgt Ion: 50 Resp: 2107
Ion Ratio Lower Upper
50 100
52 31.5 27.0 40.6

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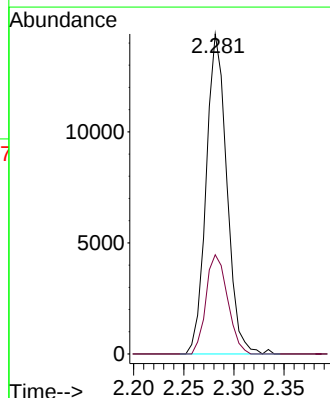
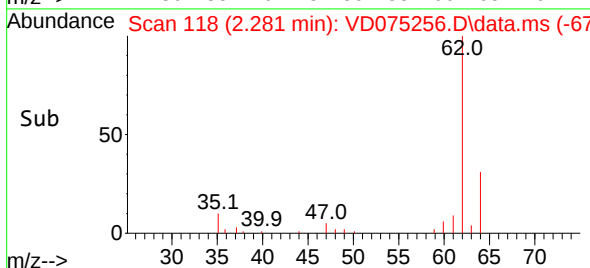
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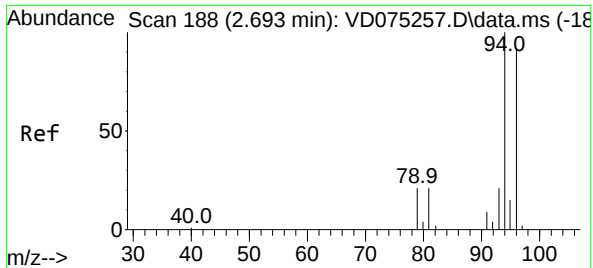


#4
Vinyl Chloride
Concen: 20.721 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion: 62 Resp: 20651
Ion Ratio Lower Upper
62 100
64 31.0 24.8 37.2





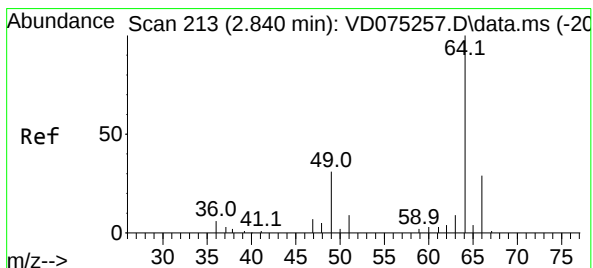
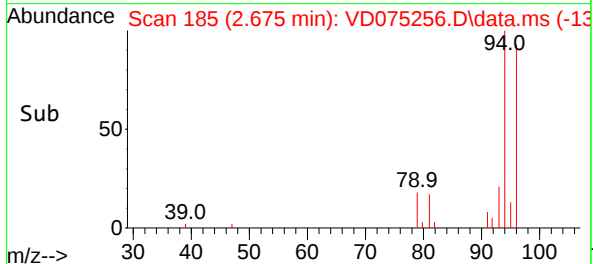
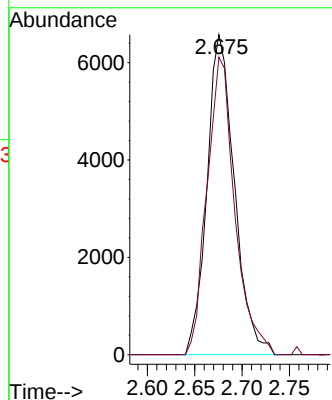
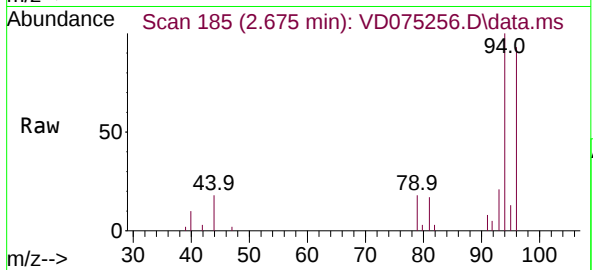
#5
Bromomethane
Concen: 20.796 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
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Tgt Ion: 94 Resp: 1326
Ion Ratio Lower Upper
94 100
96 93.9 74.8 112.2

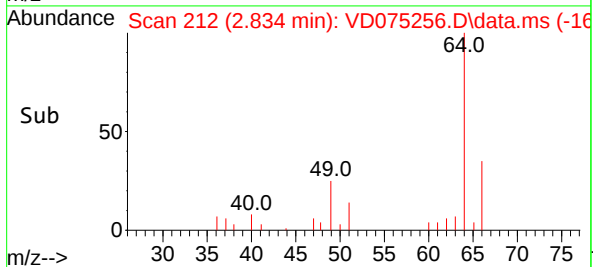
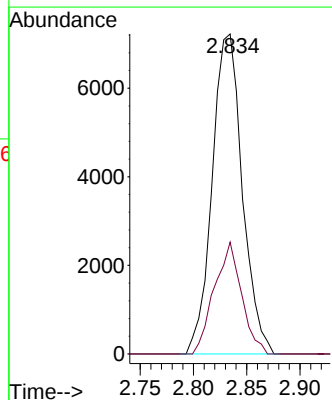
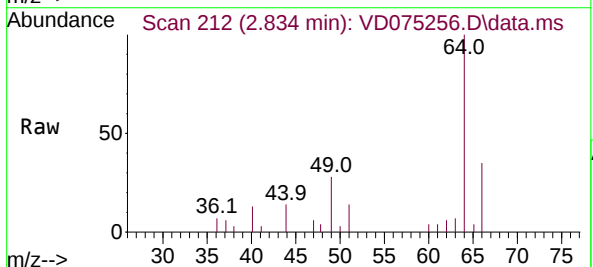
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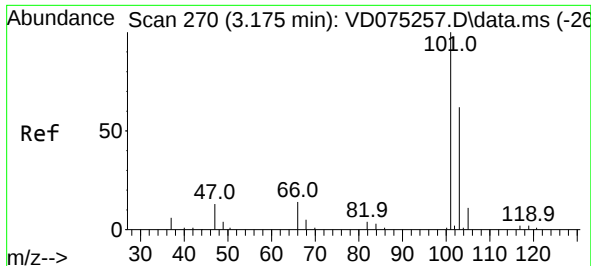
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#6
Chloroethane
Concen: 20.662 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

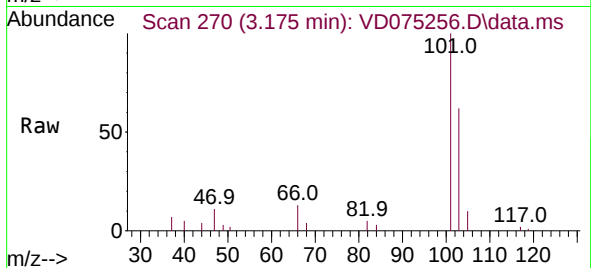
Tgt Ion: 64 Resp: 14206
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 21.253 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

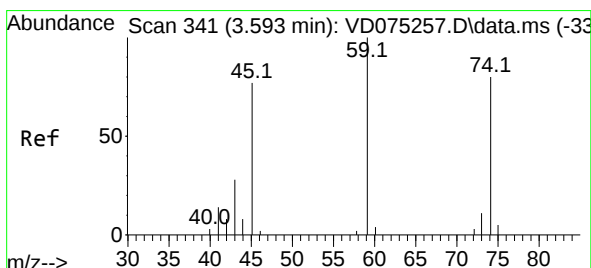
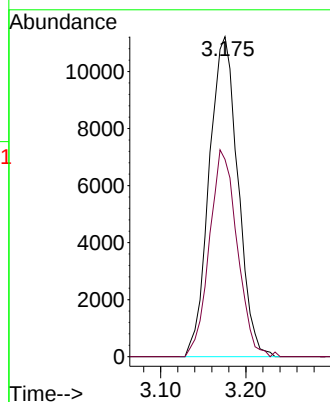
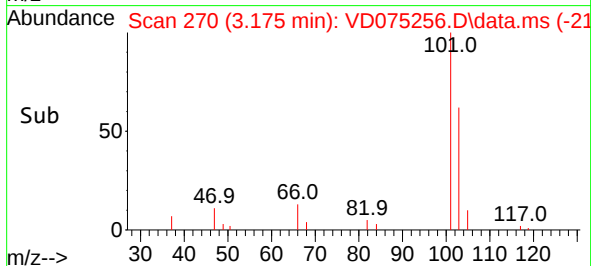
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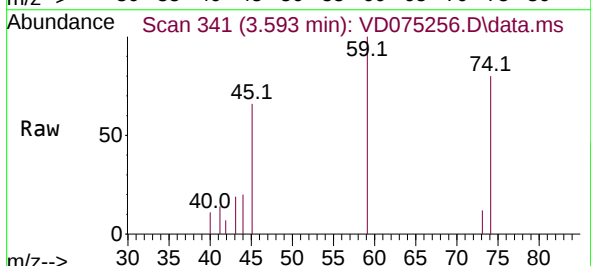
Tgt Ion:101 Resp: 26330
Ion Ratio Lower Upper
101 100
103 61.6 52.2 78.4

Manual Integrations
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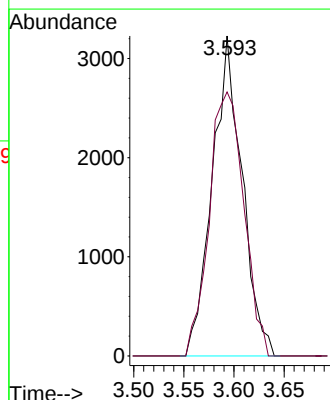
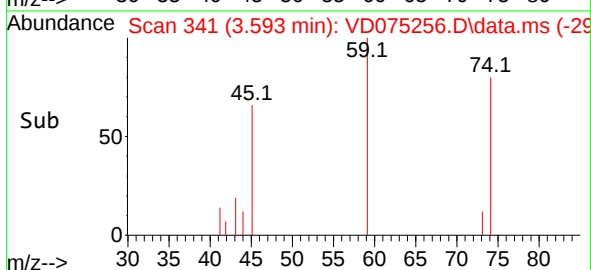
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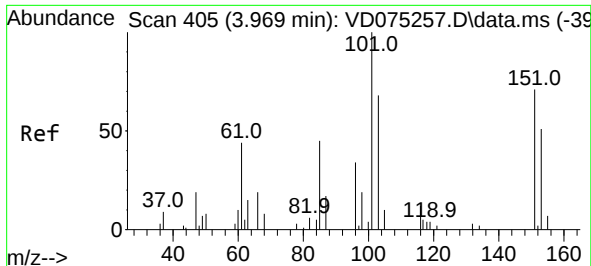


#8
Diethyl Ether
Concen: 20.053 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 6680
Ion Ratio Lower Upper
74 100
45 95.7 49.8 149.3





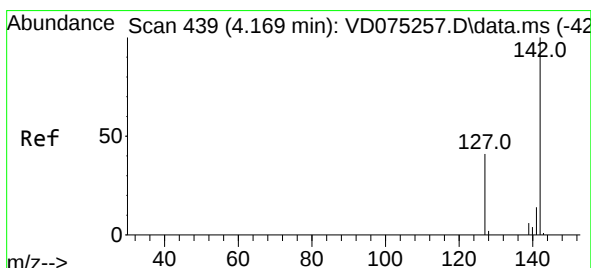
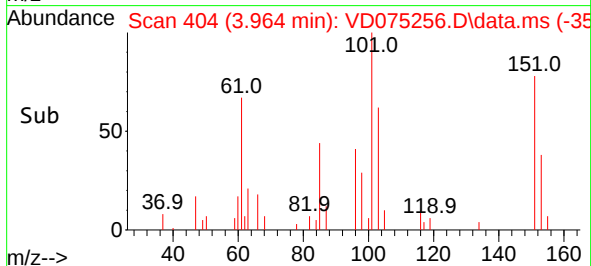
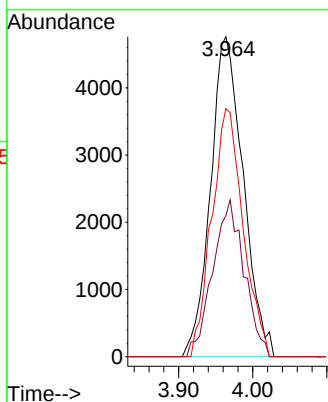
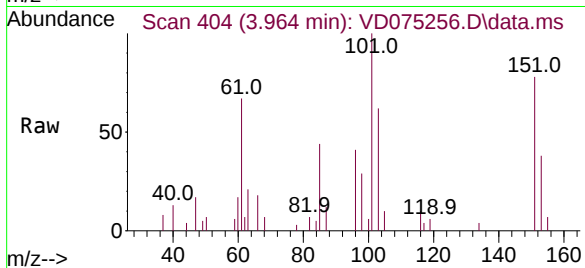
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.737 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1458
Ion Ratio Lower Upper
101 100
85 47.2 36.9 55.3
151 74.4 58.9 88.3

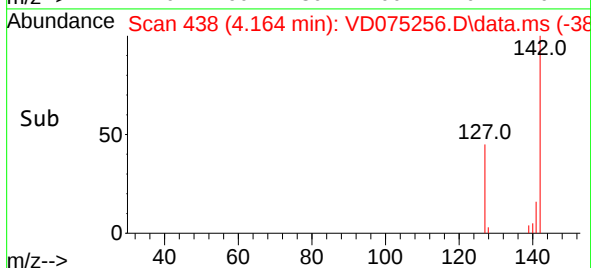
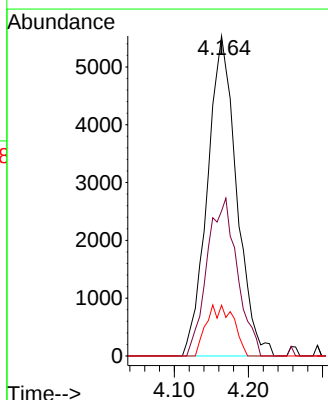
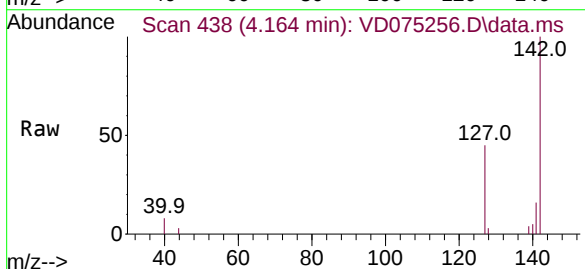
Manual Integrations
APPROVED

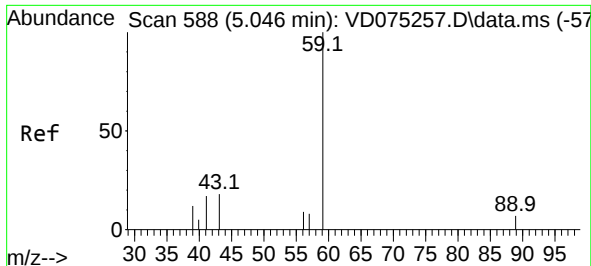
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 19.463 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:142 Resp: 15184
Ion Ratio Lower Upper
142 100
127 50.8 33.6 50.4#
141 6.8 11.1 16.7#





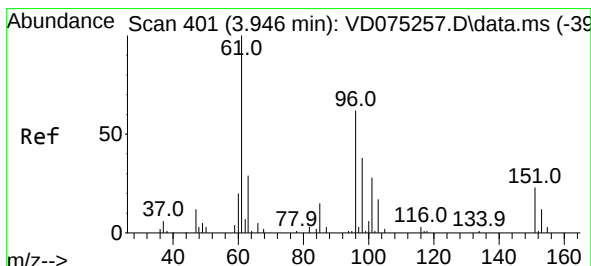
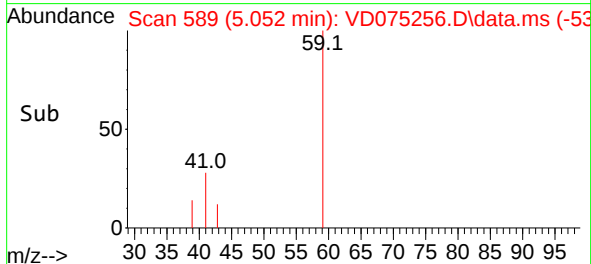
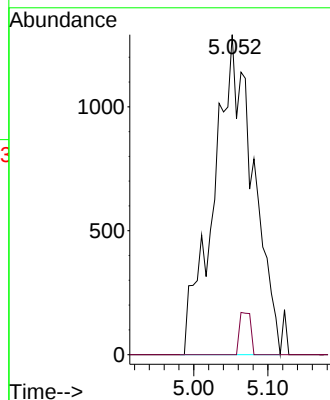
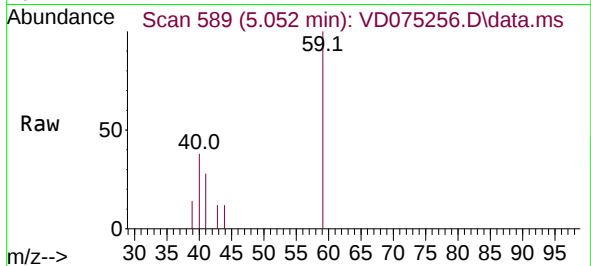
#11
Tert butyl alcohol
Concen: 114.595 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 4789
Ion Ratio Lower Upper
59 100
57 3.7 2.9 4.3

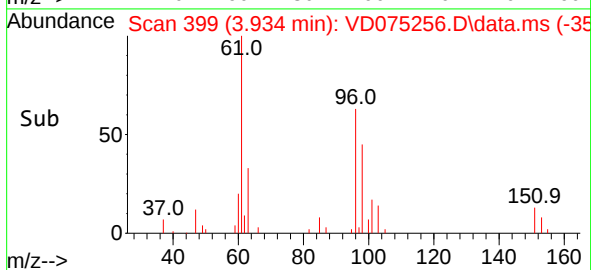
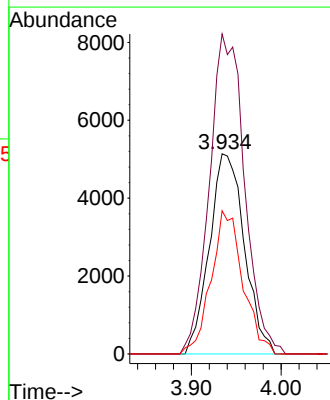
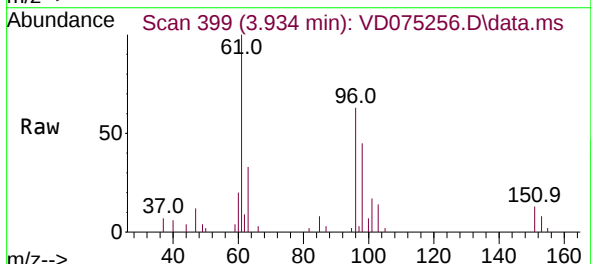
Manual Integrations
APPROVED

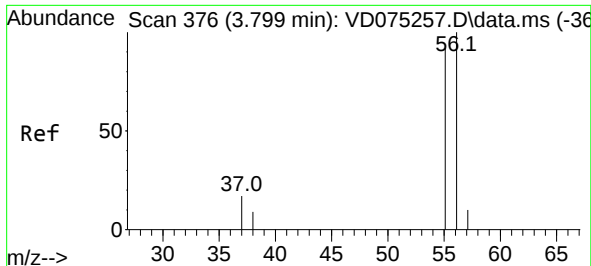
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 20.740 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.012 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

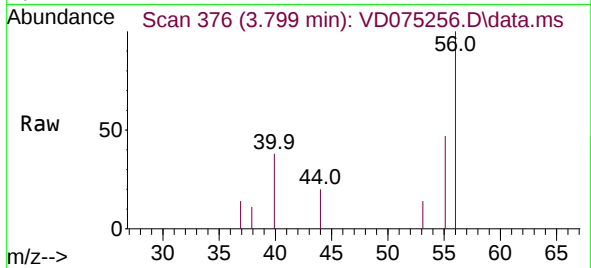
Tgt Ion: 96 Resp: 13906
Ion Ratio Lower Upper
96 100
61 159.9 126.8 190.2
98 71.6 50.4 75.6





#13
Acrolein
Concen: 142.146 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

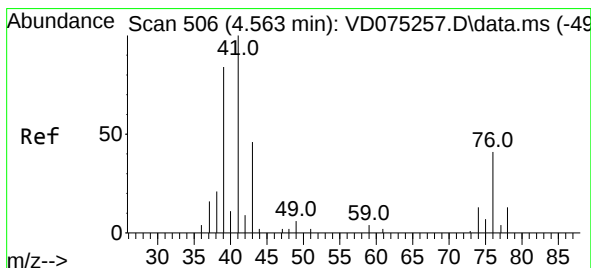
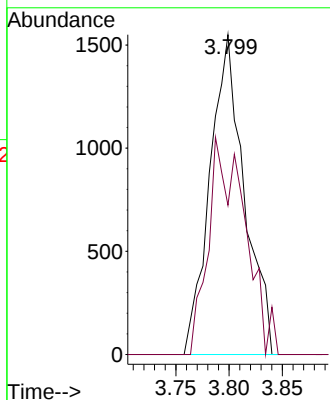
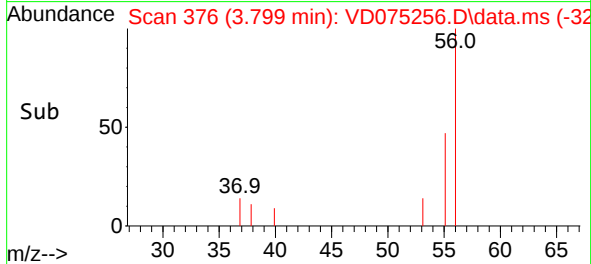
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



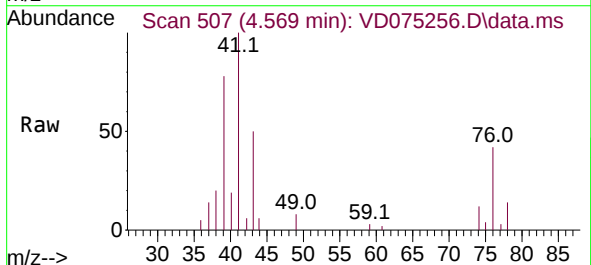
Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 38.5 53.0 79.6

Manual Integrations
APPROVED

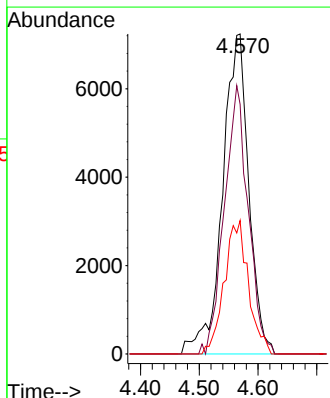
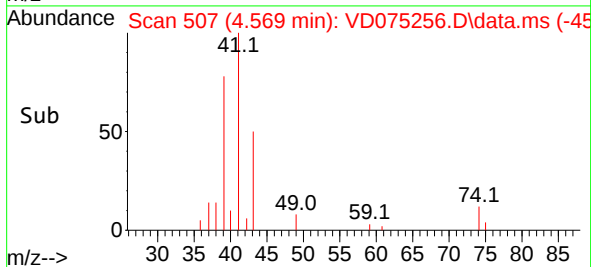
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

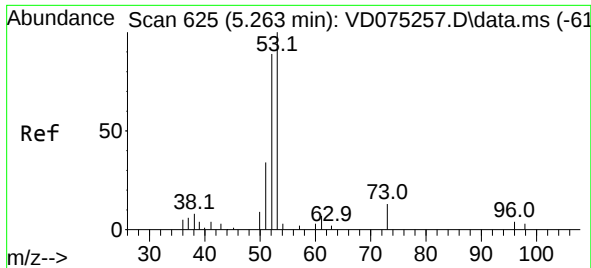


#14
Allyl chloride
Concen: 20.105 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion: 41 Resp: 22428
Ion Ratio Lower Upper
41 100
39 76.2 55.4 83.0
76 38.4 30.2 45.2





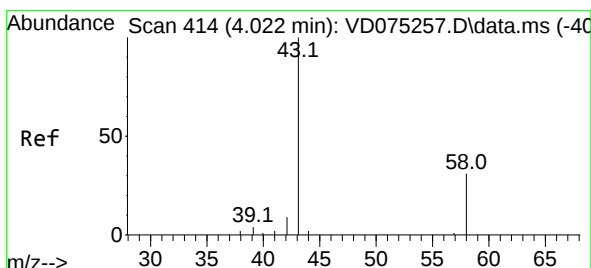
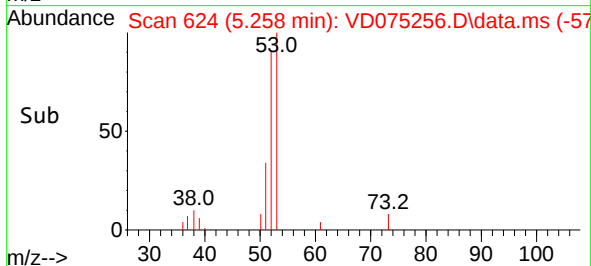
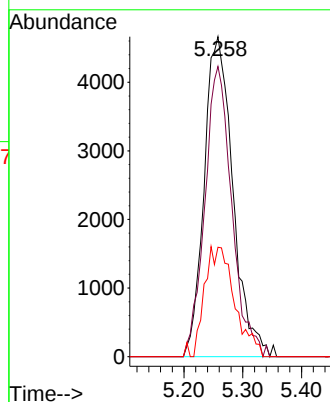
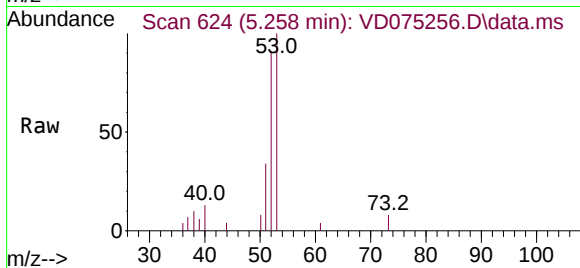
#15
Acrylonitrile
Concen: 101.292 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 15844
Ion Ratio Lower Upper
53 100
52 85.1 67.0 100.6
51 35.6 30.1 45.1

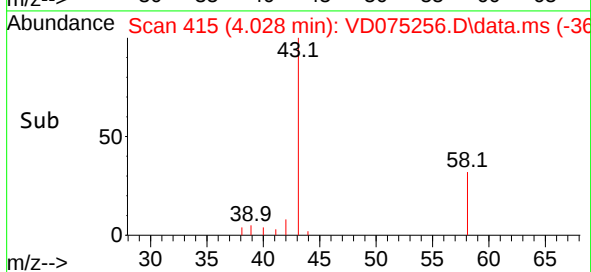
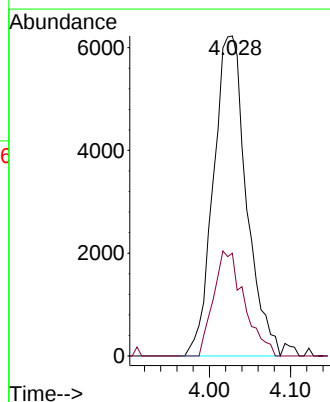
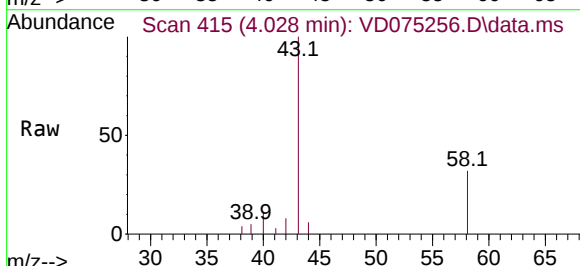
Manual Integrations
APPROVED

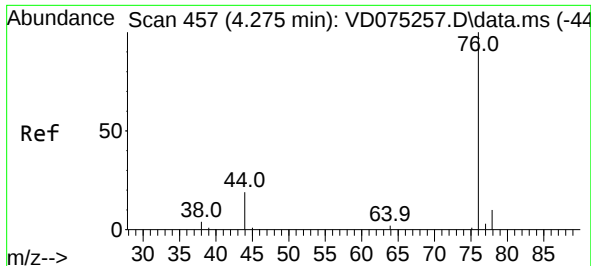
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#16
Acetone
Concen: 94.750 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 43 Resp: 17599
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0





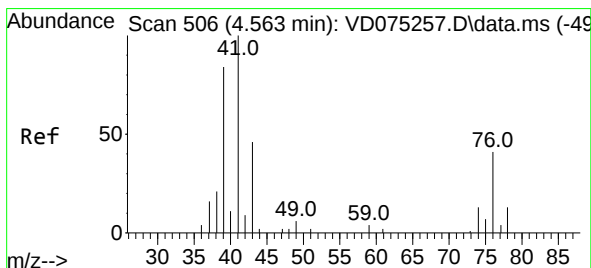
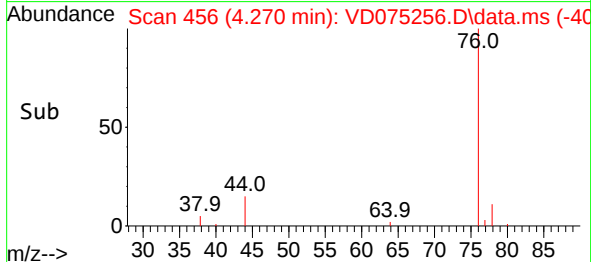
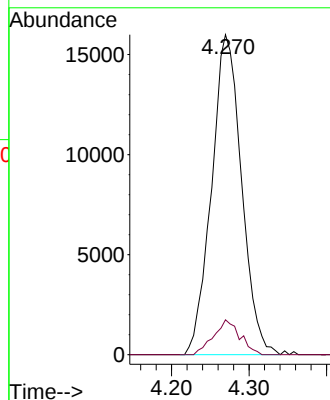
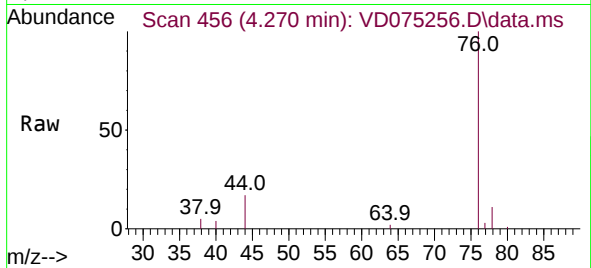
#17
Carbon Disulfide
Concen: 20.806 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 43039
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

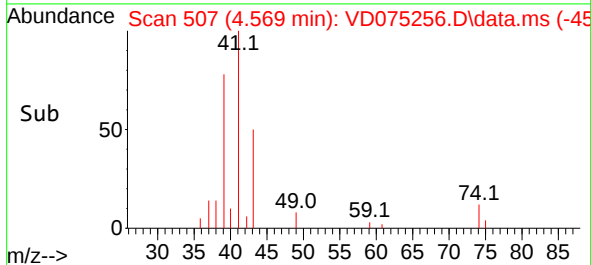
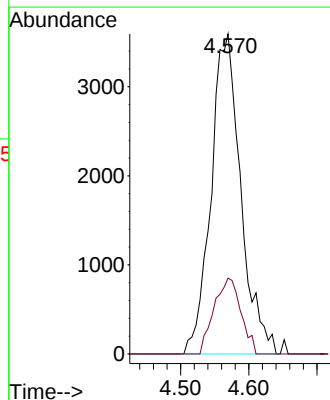
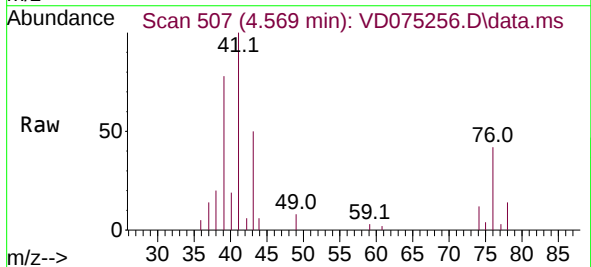
Manual Integrations
APPROVED

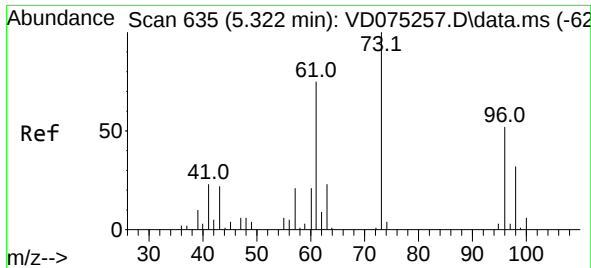
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
Methyl Acetate
Concen: 20.366 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 43 Resp: 10893
Ion Ratio Lower Upper
43 100
74 21.3 18.5 27.7





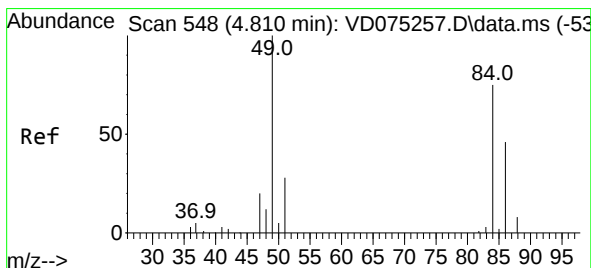
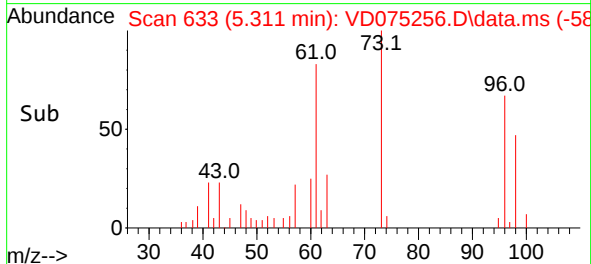
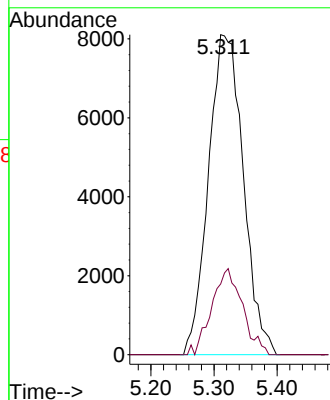
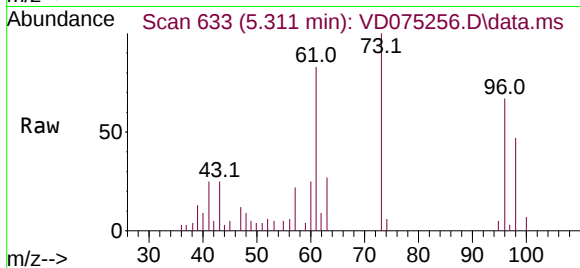
#19
Methyl tert-butyl Ether
Concen: 20.176 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 31059
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7

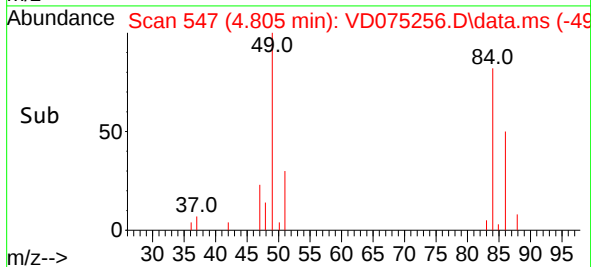
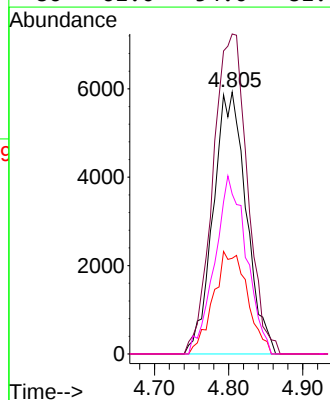
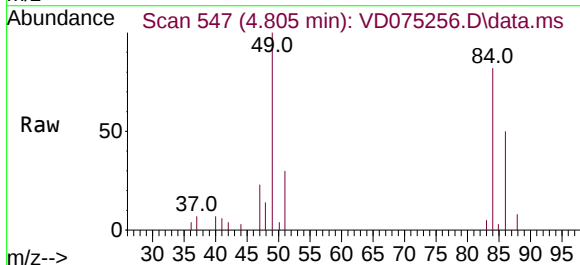
Manual Integrations
APPROVED

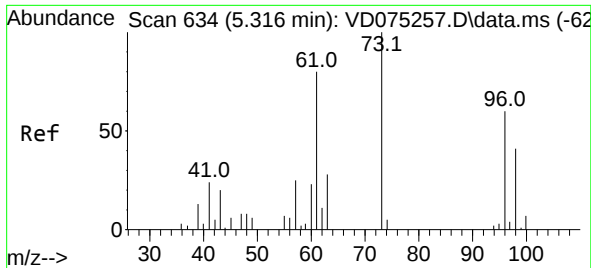
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 19.805 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 84 Resp: 18350
Ion Ratio Lower Upper
84 100
49 122.1 97.0 145.6
51 36.5 30.9 46.3
86 61.0 54.0 81.0





#21
trans-1,2-Dichloroethene
Concen: 20.820 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

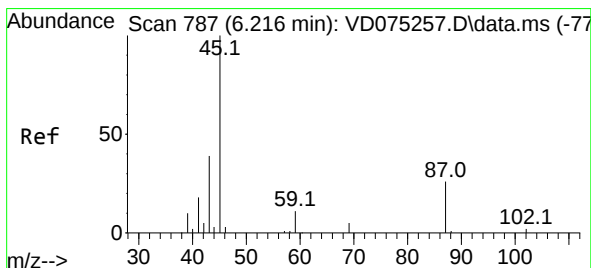
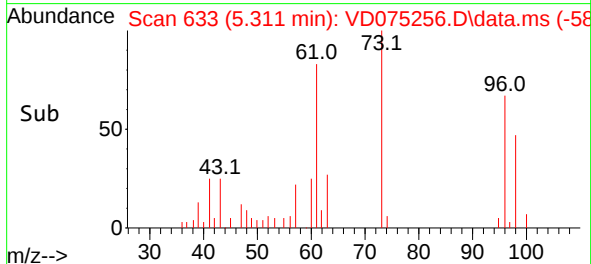
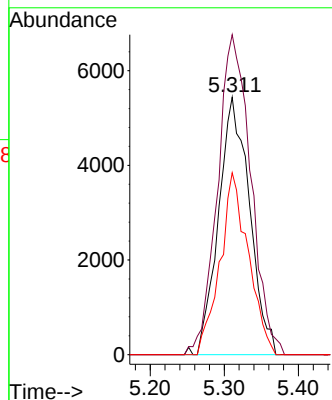
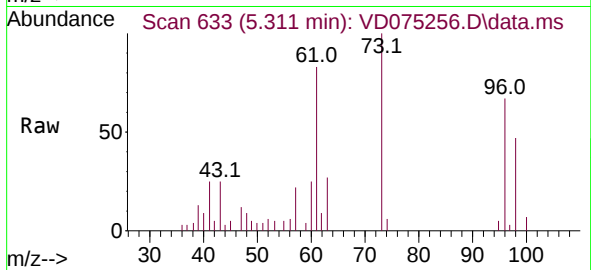
VSTDICC020

Tgt Ion: 96 Resp: 1579
Ion Ratio Lower Upper
96 100
61 124.3 105.7 158.5
98 70.7 50.4 75.6

Manual Integrations

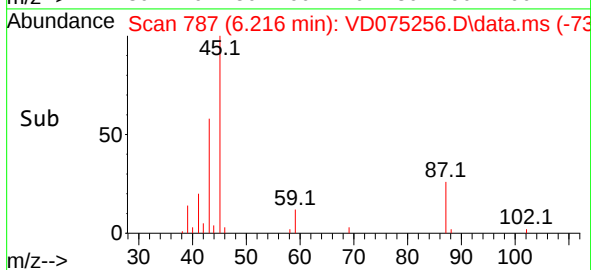
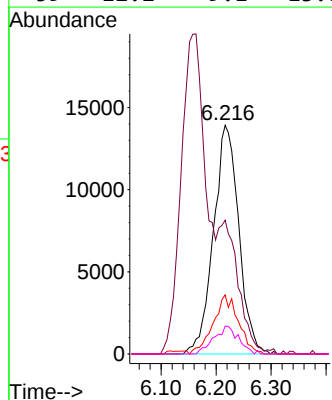
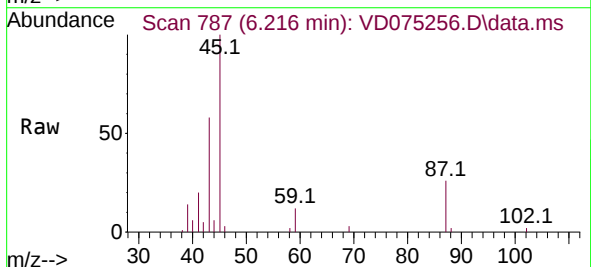
APPROVED

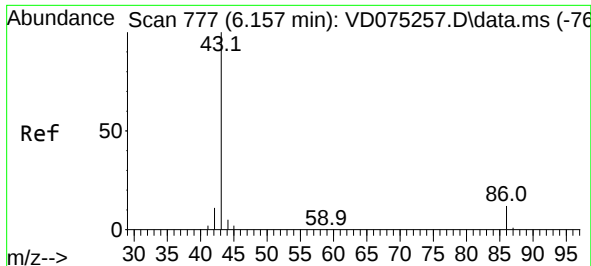
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#22
Diisopropyl ether
Concen: 20.081 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 45 Resp: 44557
Ion Ratio Lower Upper
45 100
43 58.5 45.3 67.9
87 25.9 22.1 33.1
59 12.2 9.1 13.7





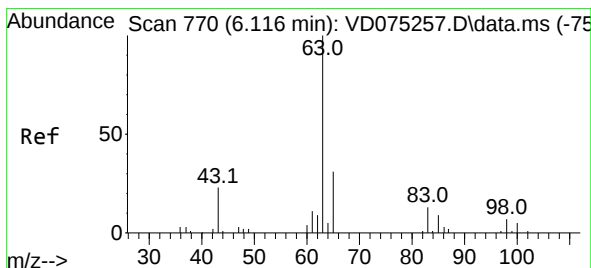
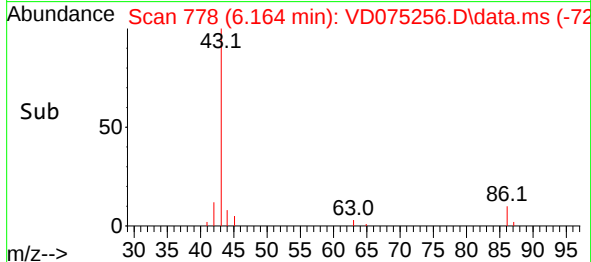
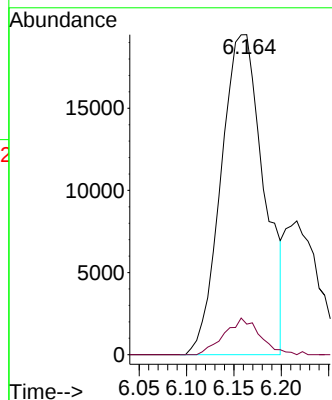
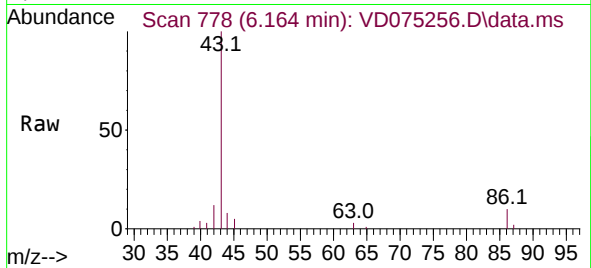
#23
 Vinyl Acetate
 Concen: 92.598 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VD075256.D
 Acq: 07 Feb 2023 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 61369
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.3 13.9

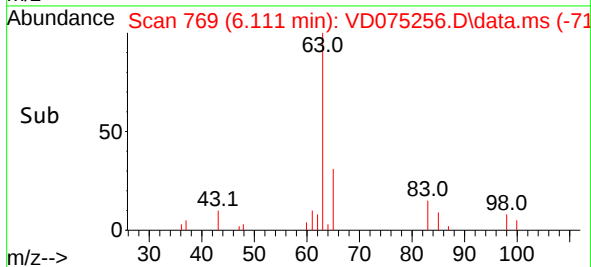
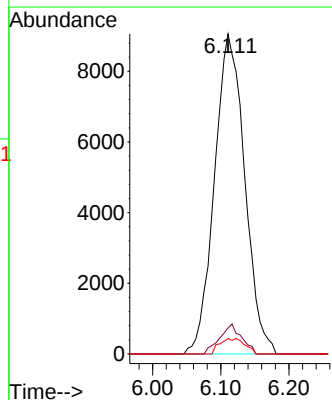
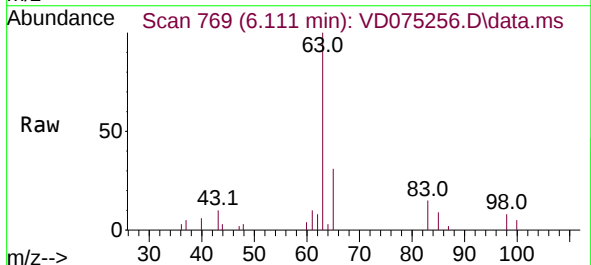
Manual Integrations
 APPROVED

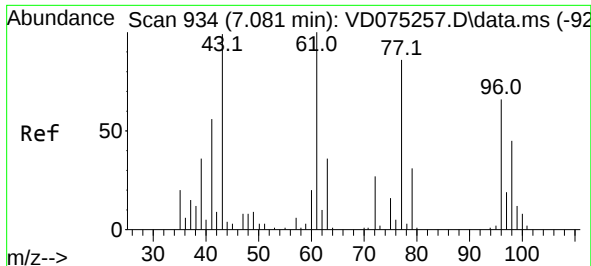
Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 20.218 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD075256.D
 Acq: 07 Feb 2023 11:16

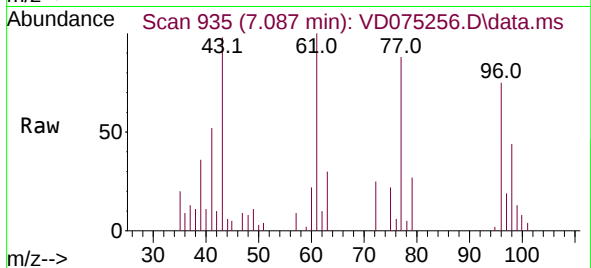
Tgt Ion: 63 Resp: 27970
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 98.180 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

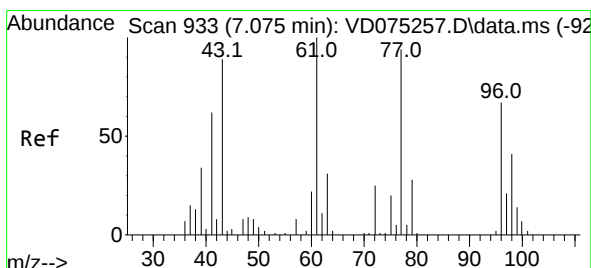
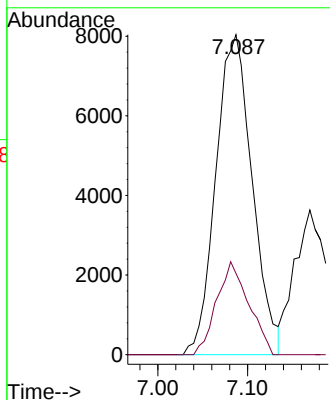
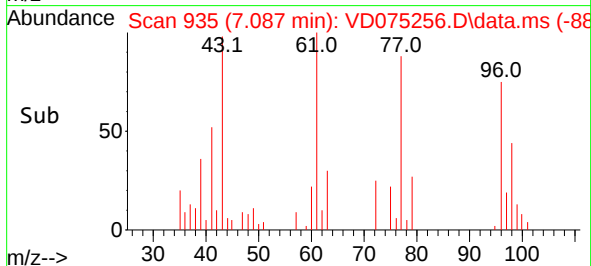
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



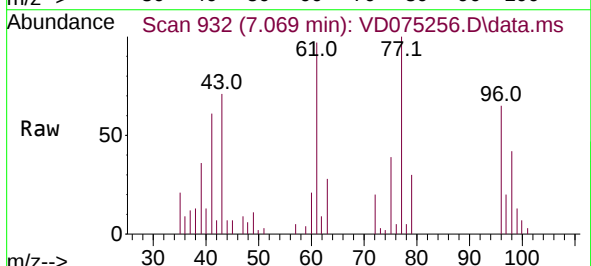
Tgt Ion: 43 Resp: 22590
Ion Ratio Lower Upper
43 100
72 25.4 19.8 29.8

Manual Integrations
APPROVED

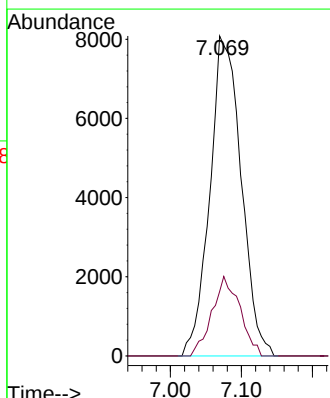
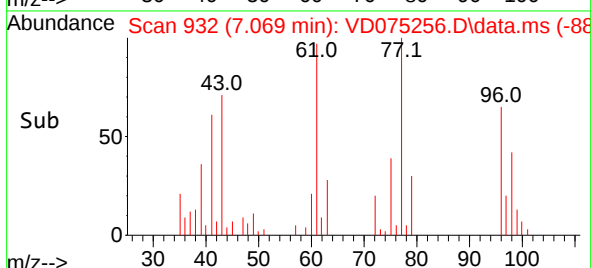
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

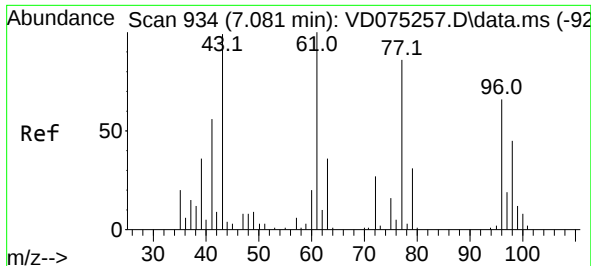


#26
2,2-Dichloropropane
Concen: 20.212 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion: 77 Resp: 24750
Ion Ratio Lower Upper
77 100
97 22.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 21.051 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 1786

Ion Ratio Lower Upper

96 100

61 138.2 0.0 287.4

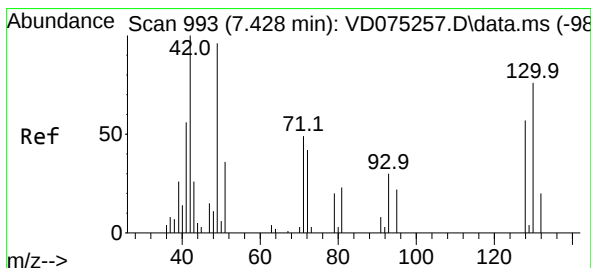
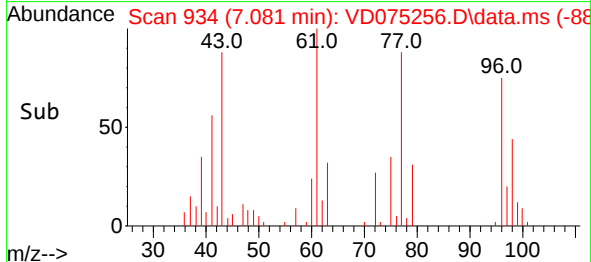
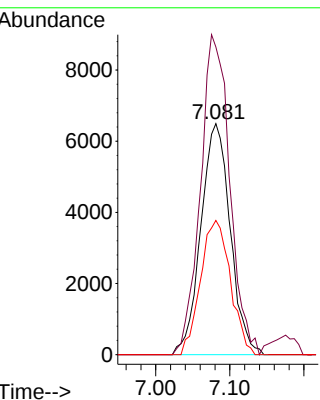
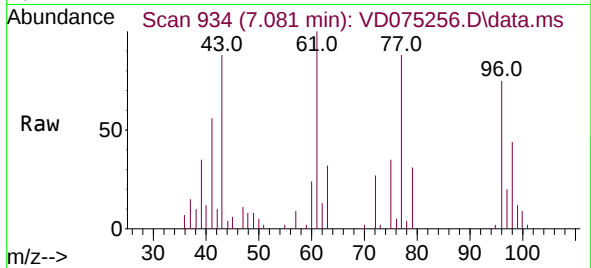
98 59.0 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#28

Bromochloromethane

Concen: 22.045 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

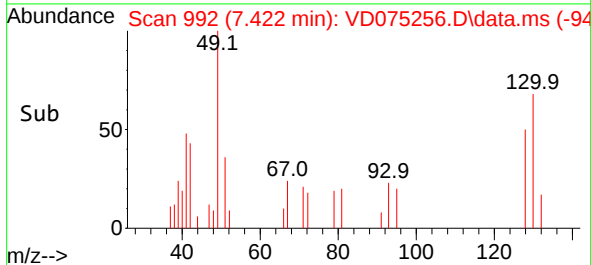
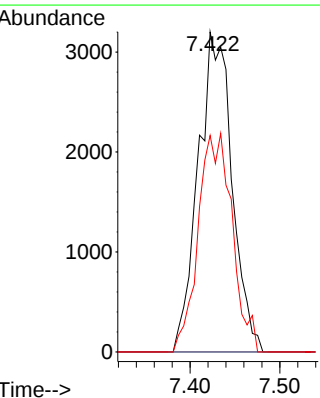
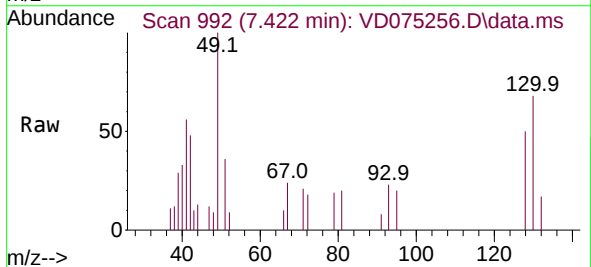
Tgt Ion: 49 Resp: 8375

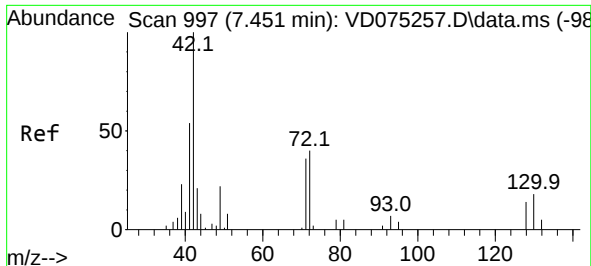
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 68.4 63.6 95.4





#29

Tetrahydrofuran

Concen: 100.321 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.005 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

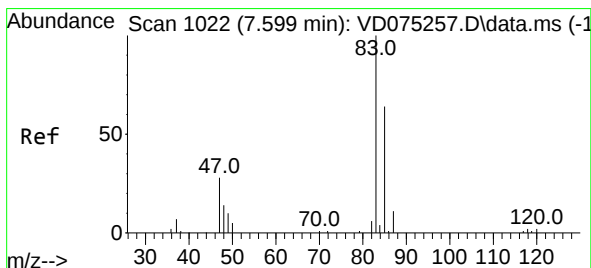
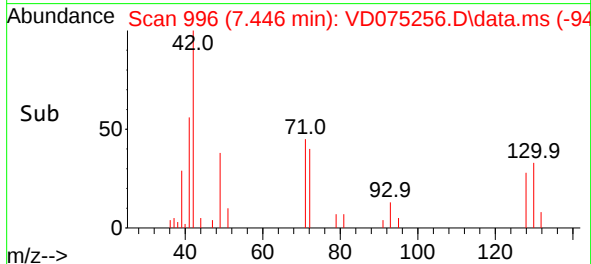
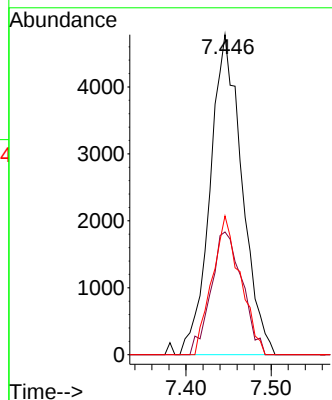
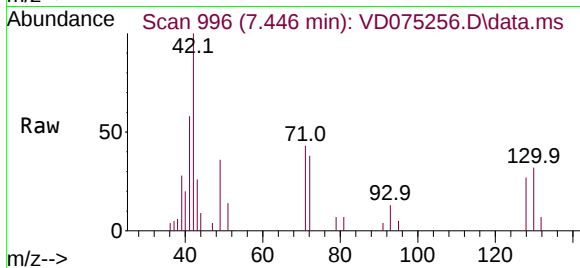
Tgt Ion:	42	Resp:	1243
Ion Ratio	Lower	Upper	
42	100		
72	37.5	33.8	50.8
71	38.3	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Chloroform

Concen: 19.695 ug/l

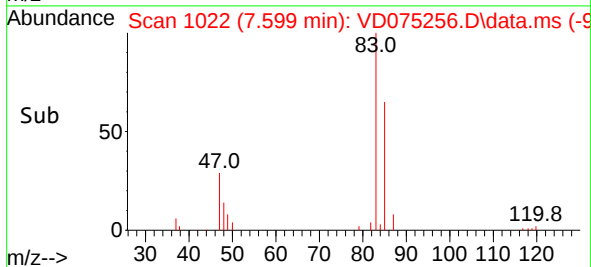
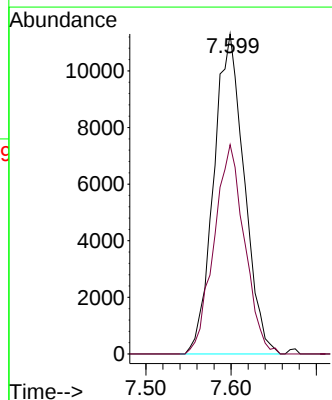
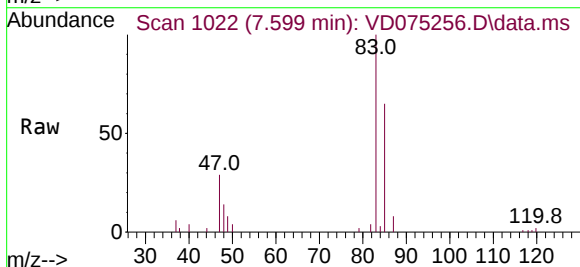
RT: 7.599 min Scan# 1022

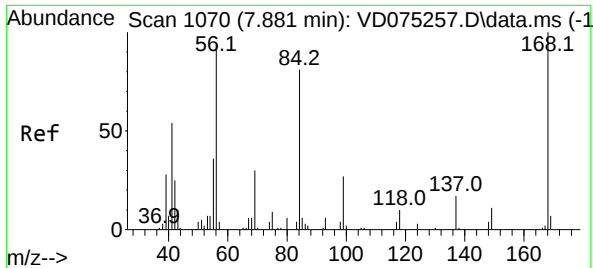
Delta R.T. -0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

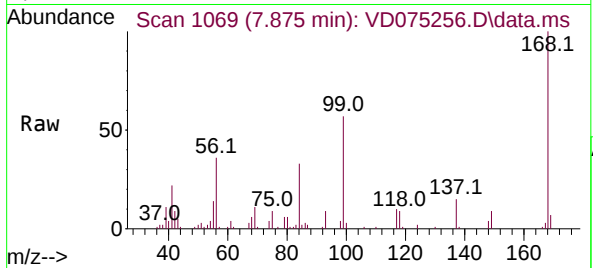
Tgt Ion:	83	Resp:	28043
Ion Ratio	Lower	Upper	
83	100		
85	65.4	48.5	72.7





#31
Cyclohexane
Concen: 19.914 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

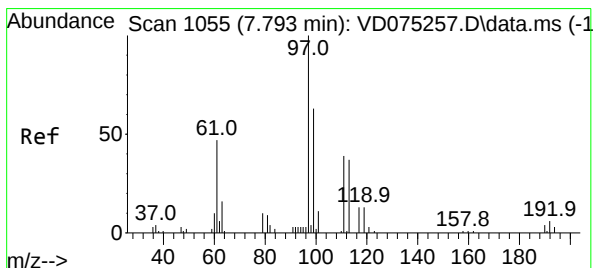
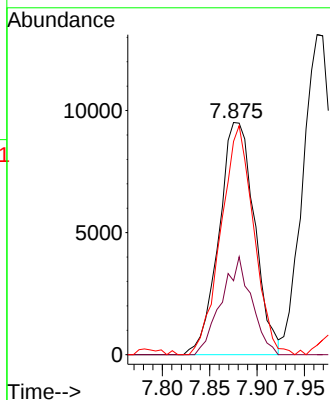
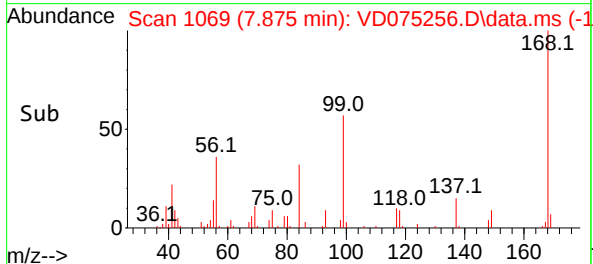
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



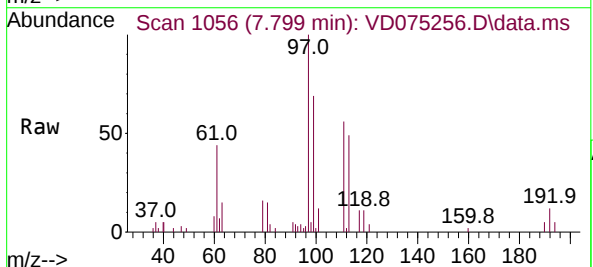
Tgt Ion: 56 Resp: 24839
Ion Ratio Lower Upper
56 100
69 31.8 26.6 40.0
84 91.8 74.1 111.1

Manual Integrations
APPROVED

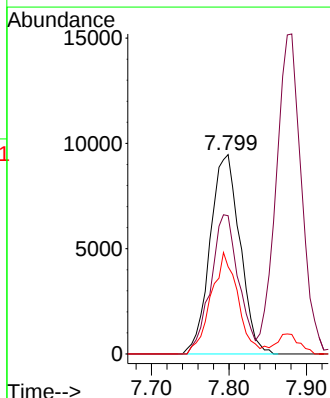
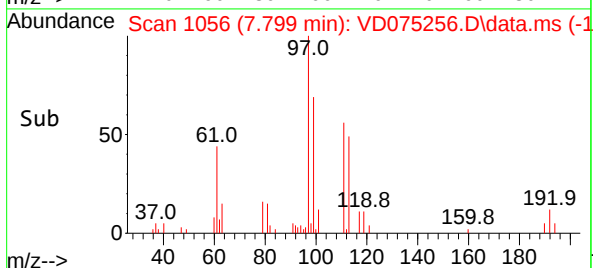
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

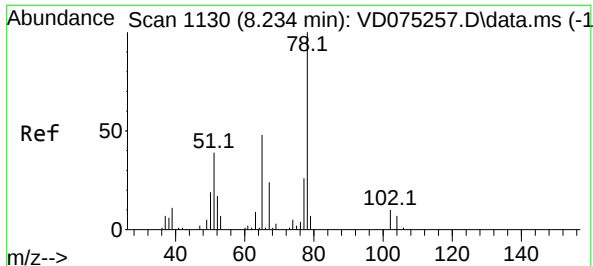


#32
1,1,1-Trichloroethane
Concen: 19.908 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion: 97 Resp: 25356
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 20.752 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 1457

Ion Ratio Lower Upper

65 100

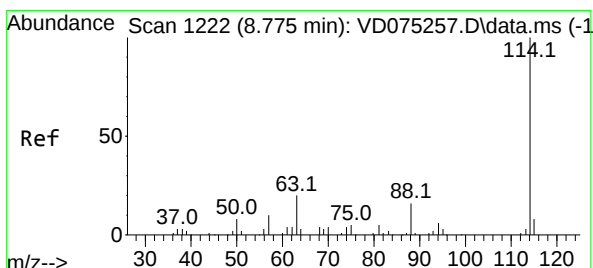
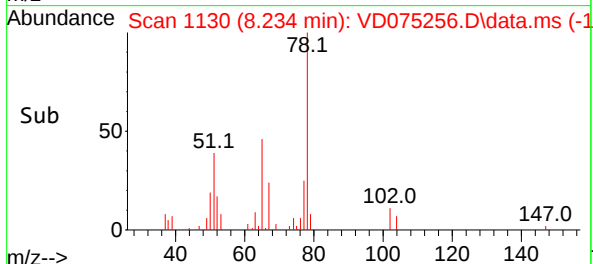
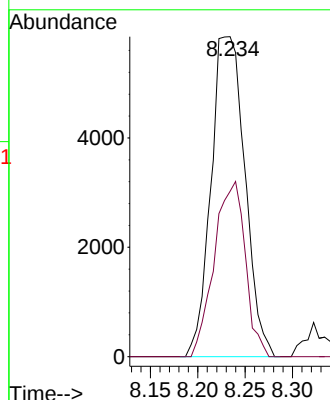
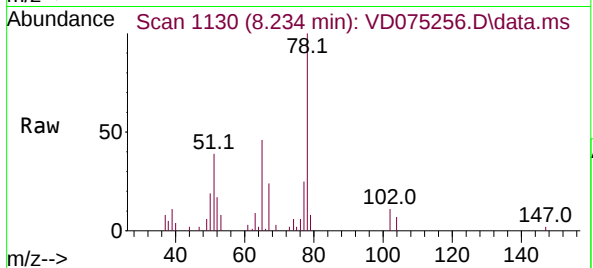
67 50.0 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

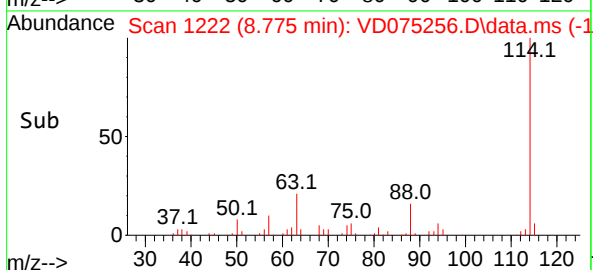
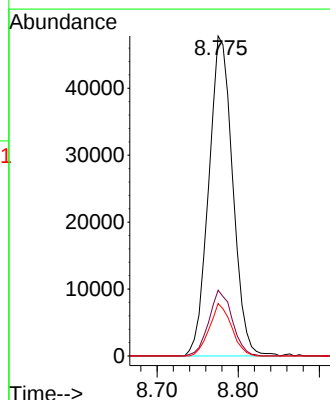
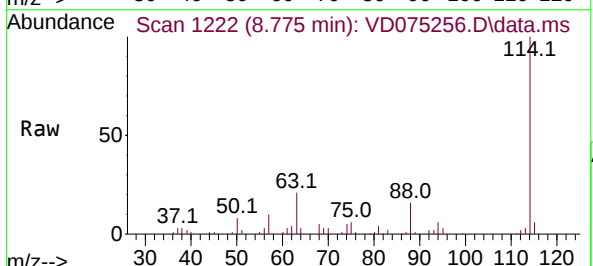
Tgt Ion:114 Resp: 98036

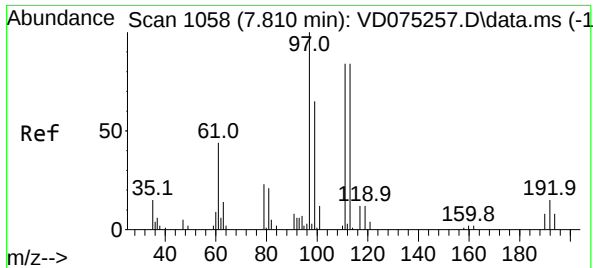
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 20.597 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

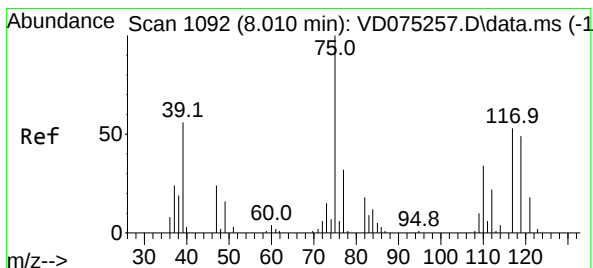
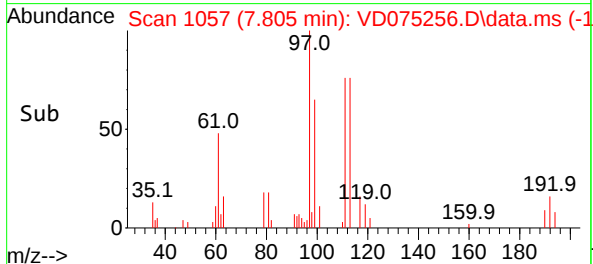
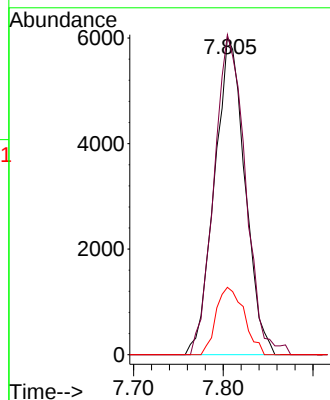
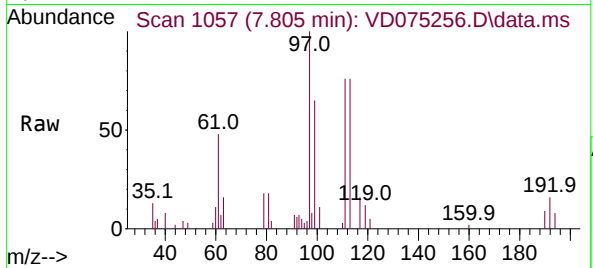
Tgt Ion:	113	Resp:	1415
Ion Ratio	Lower	Upper	
113	100		
111	103.9	80.1	120.1
192	19.5	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#36

1,1-Dichloropropene

Concen: 20.022 ug/l

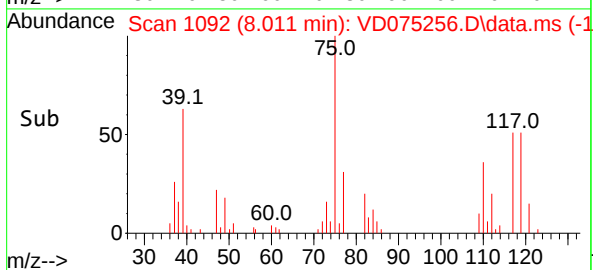
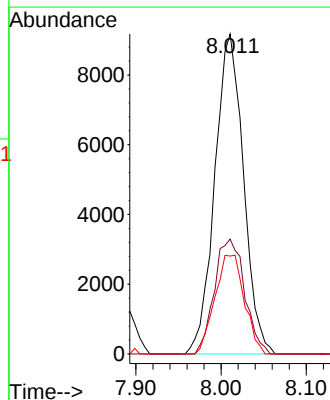
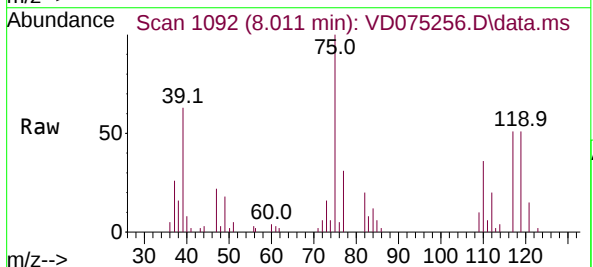
RT: 8.011 min Scan# 1092

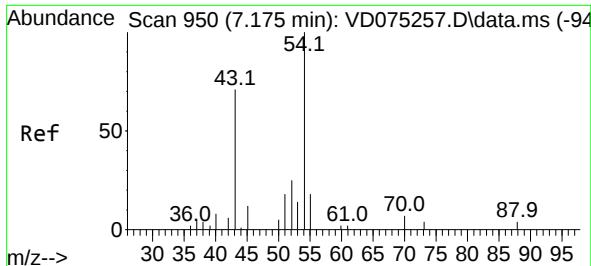
Delta R.T. 0.001 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Tgt Ion:	75	Resp:	21440
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.1	54.4
77	31.8	25.1	37.7





#37

Ethyl Acetate

Concen: 20.633 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 9630

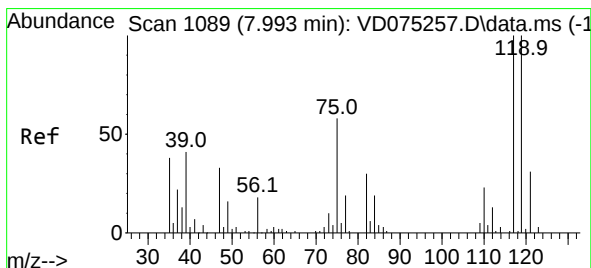
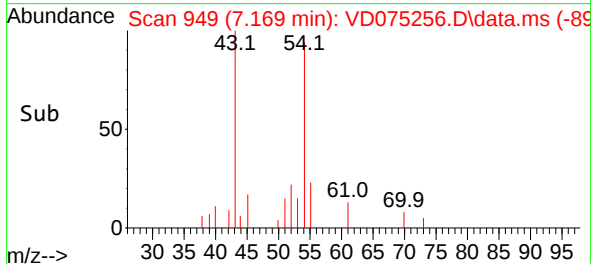
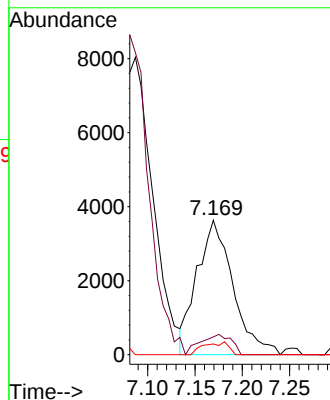
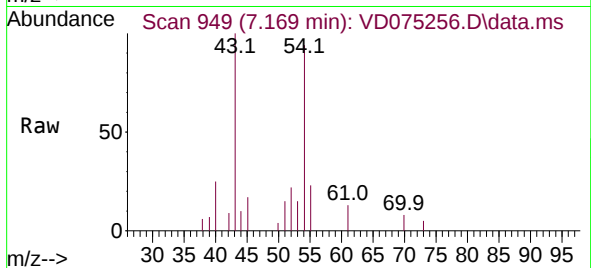
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.7	17.5
70	6.4	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#38

Carbon Tetrachloride

Concen: 20.933 ug/l

RT: 7.993 min Scan# 1089

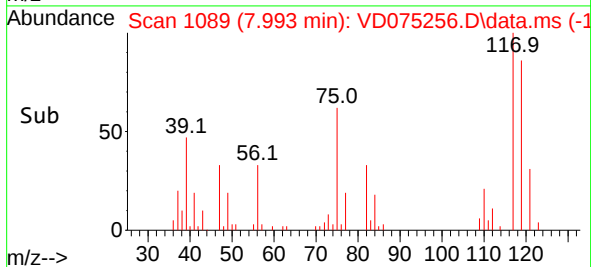
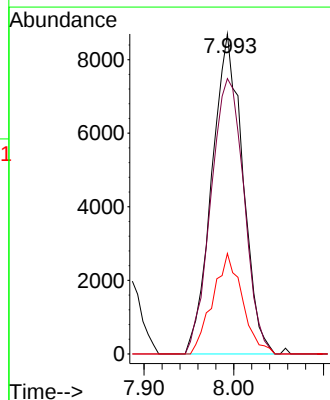
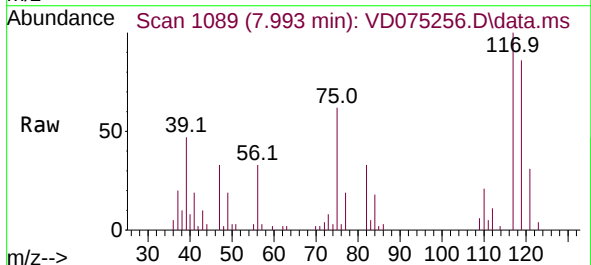
Delta R.T. -0.000 min

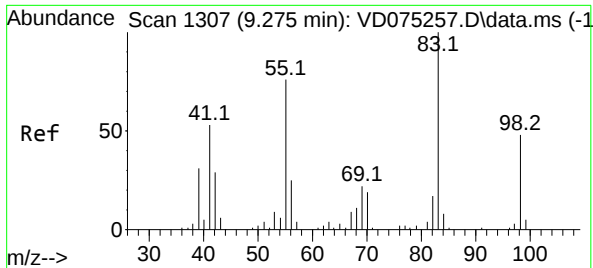
Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Tgt Ion:117 Resp: 20771

Ion	Ratio	Lower	Upper
117	100		
119	86.0	73.6	110.4
121	31.4	25.4	38.0





#39

Methylcyclohexane

Concen: 19.732 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

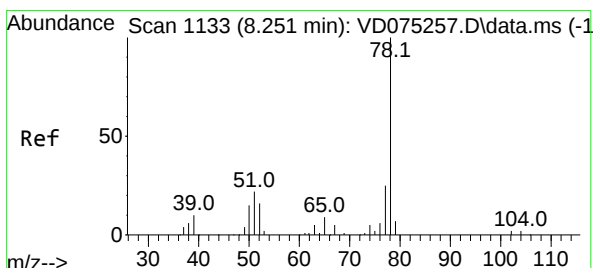
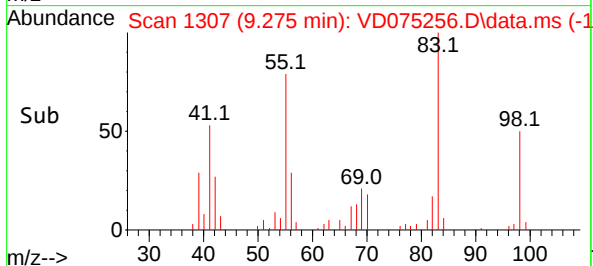
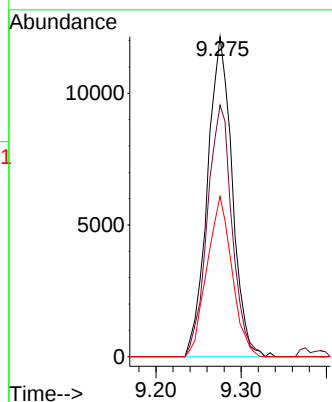
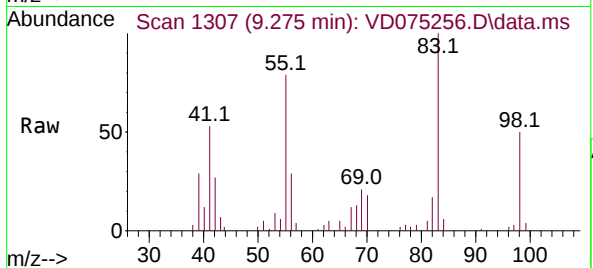
Tgt Ion:	83	Resp:	24458
Ion Ratio	Lower	Upper	
83	100		
55	78.6	60.0	90.0
98	50.1	39.0	58.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

Benzene

Concen: 20.410 ug/l

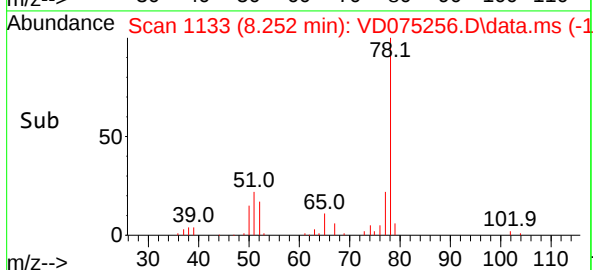
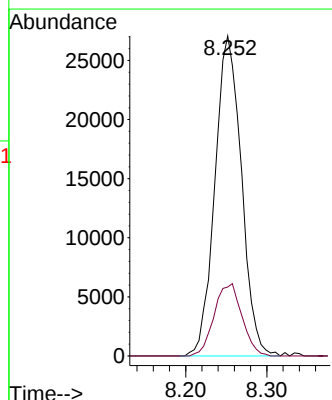
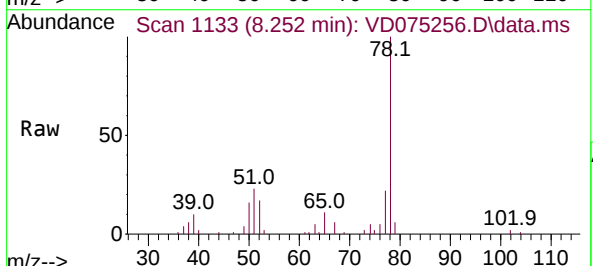
RT: 8.252 min Scan# 1133

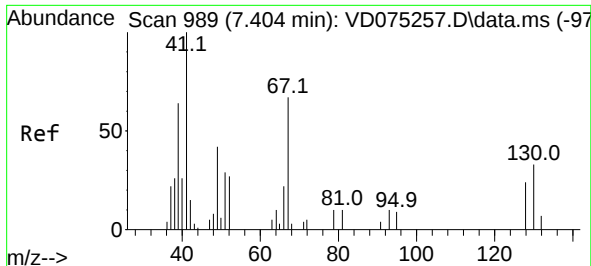
Delta R.T. 0.001 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

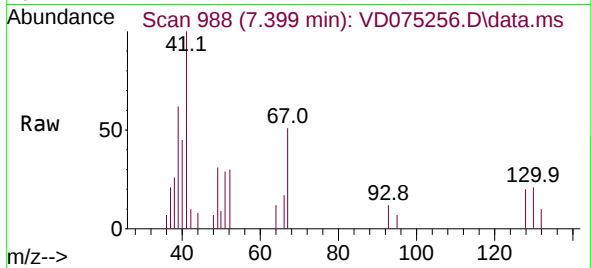
Tgt Ion:	78	Resp:	61427
Ion Ratio	Lower	Upper	
78	100		
77	21.6	19.8	29.6





#41
Methacrylonitrile
Concen: 17.902 ug/l m
RT: 7.399 min Scan# 989
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

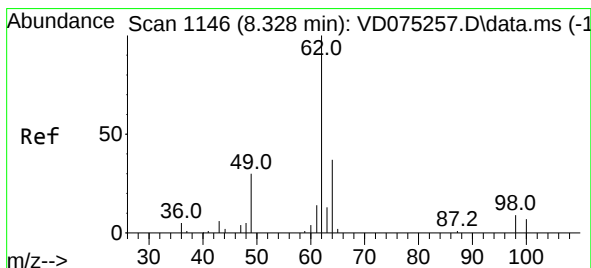
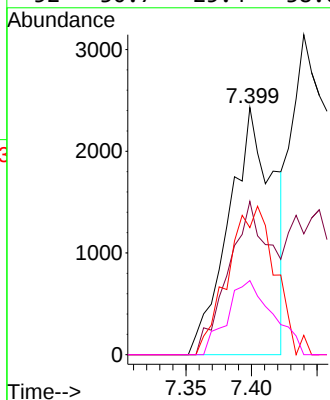
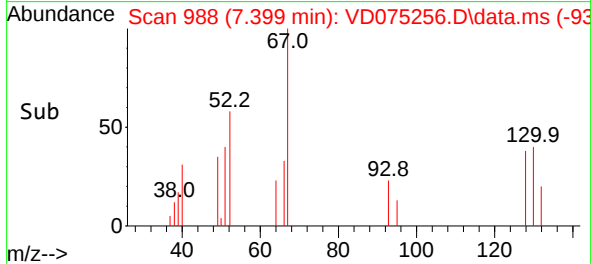
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 41	Resp: 576
Ion Ratio	Lower Upper
41	100
39	60.5 57.8 86.6
67	63.5 60.5 90.7
52	30.7 25.4 38.0

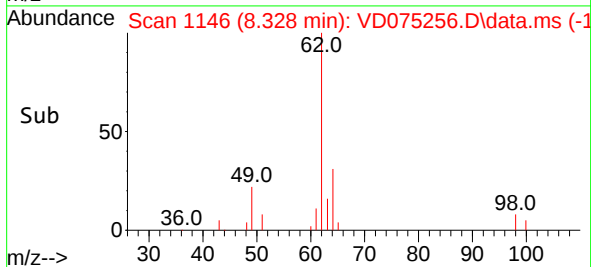
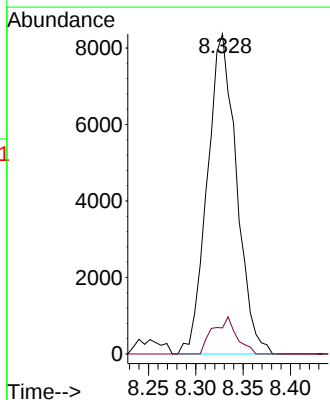
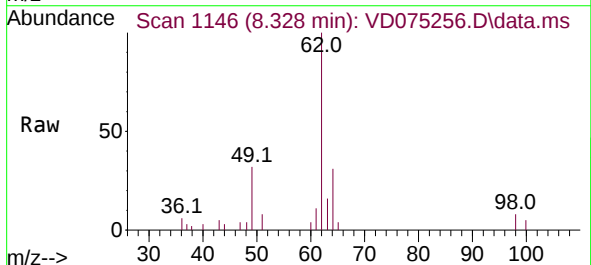
Manual Integrations
APPROVED

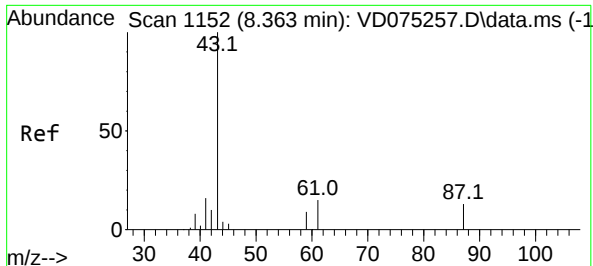
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#42
1,2-Dichloroethane
Concen: 20.651 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 62	Resp: 17994
Ion Ratio	Lower Upper
62	100
98	9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.472 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.005 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

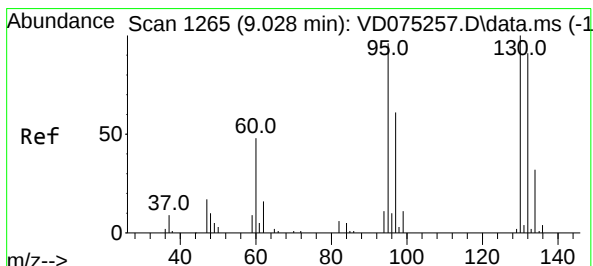
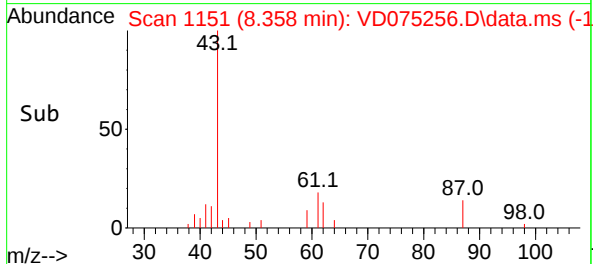
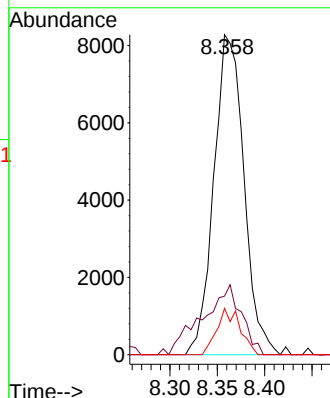
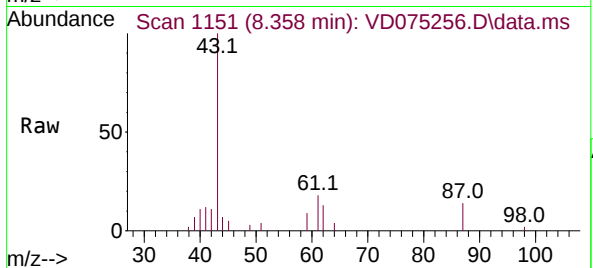
Tgt Ion:	43	Resp:	18269
Ion Ratio	Lower	Upper	
43	100		
61	28.6	25.0	37.6
87	11.2	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#44

Trichloroethene

Concen: 20.331 ug/l

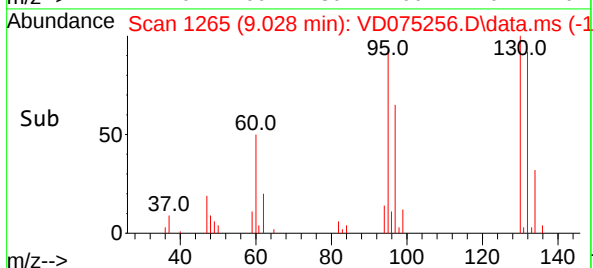
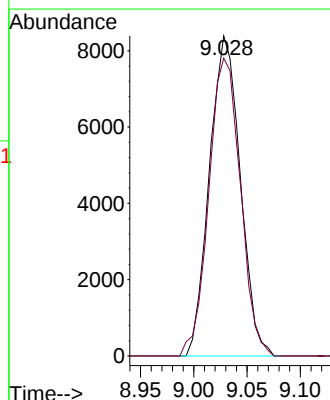
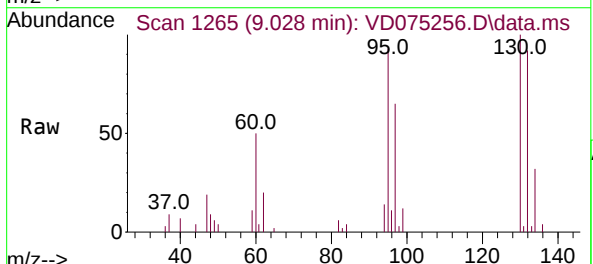
RT: 9.028 min Scan# 1265

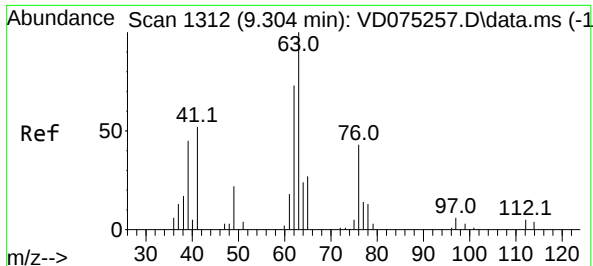
Delta R.T. 0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Tgt Ion:	130	Resp:	16867
Ion Ratio	Lower	Upper	
130	100		
95	93.0	0.0	188.6





#45

1,2-Dichloropropane

Concen: 19.337 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 14780

Ion Ratio Lower Upper

63 100

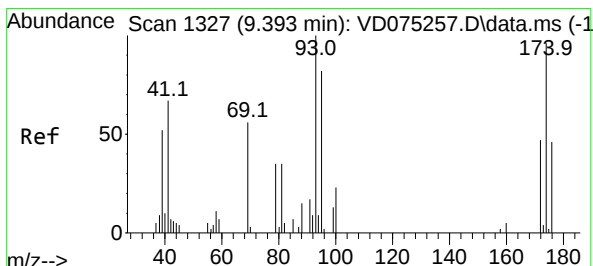
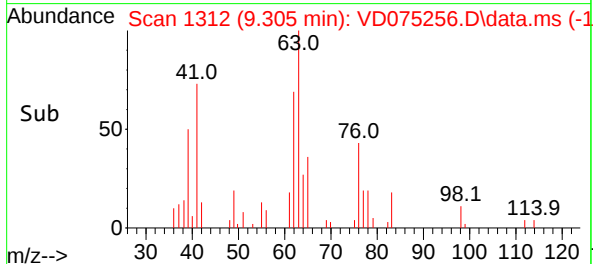
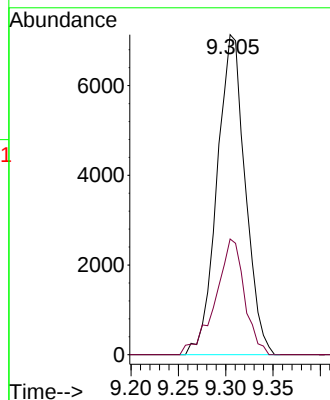
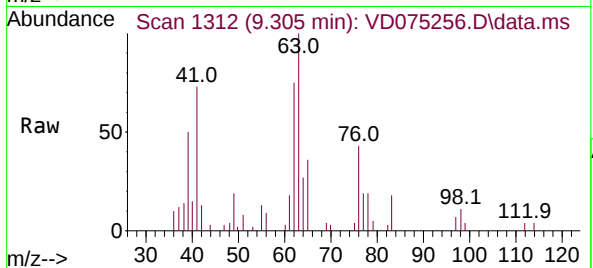
65 36.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 20.112 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

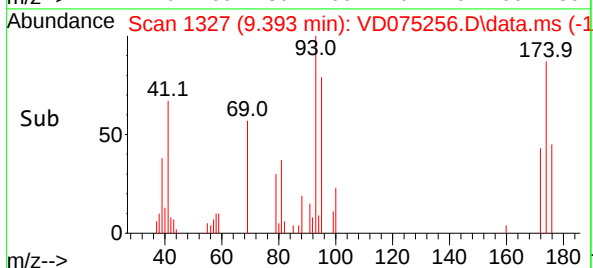
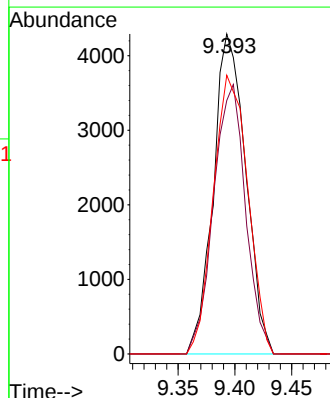
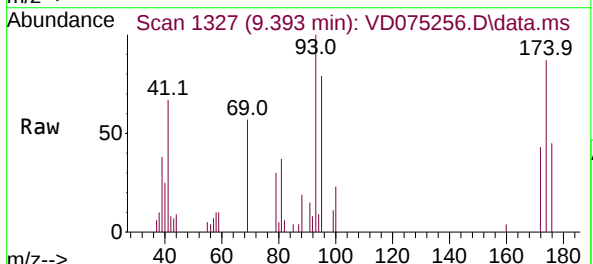
Tgt Ion: 93 Resp: 8519

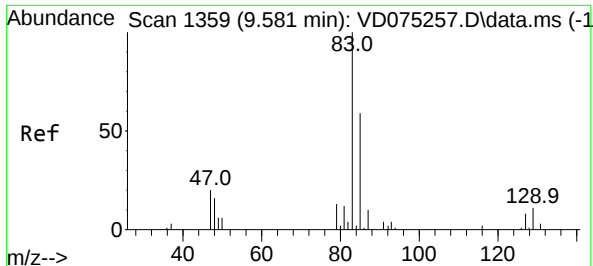
Ion Ratio Lower Upper

93 100

95 83.1 68.3 102.5

174 92.7 77.4 116.0





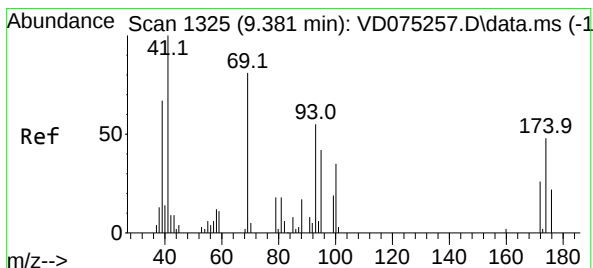
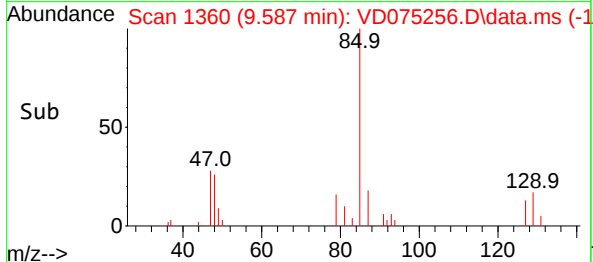
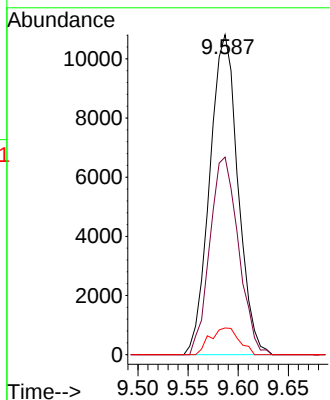
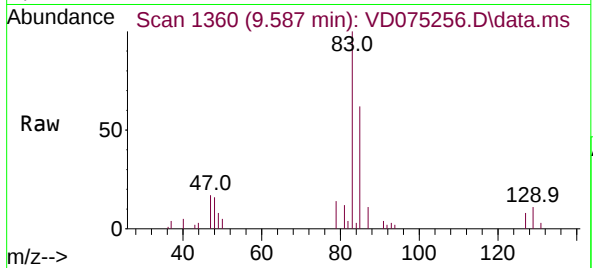
#47
Bromodichloromethane
Concen: 20.070 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 21158
Ion Ratio Lower Upper
83 100
85 61.7 53.0 79.4
127 8.3 7.0 10.4

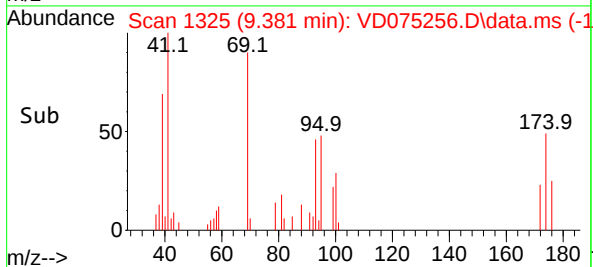
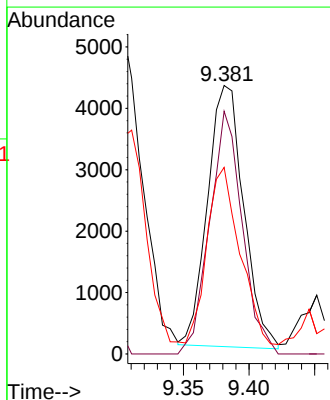
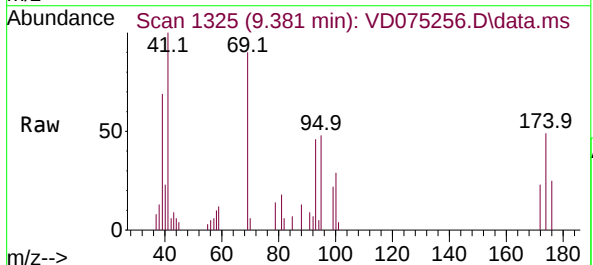
Manual Integrations
APPROVED

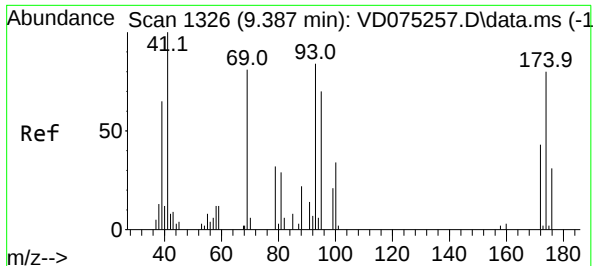
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Methyl methacrylate
Concen: 19.216 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 41 Resp: 8144
Ion Ratio Lower Upper
41 100
69 83.8 67.8 101.6
39 63.6 46.0 69.0





#49

1,4-Dioxane

Concen: 423.689 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 1668

Ion Ratio Lower Upper

88 100

43 45.5 35.6 53.4

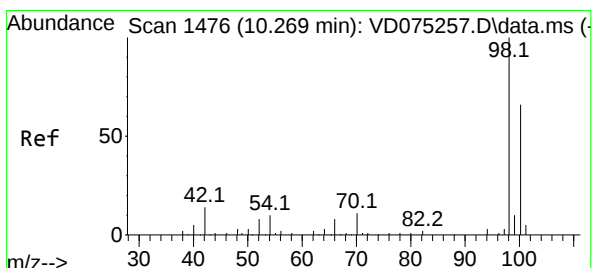
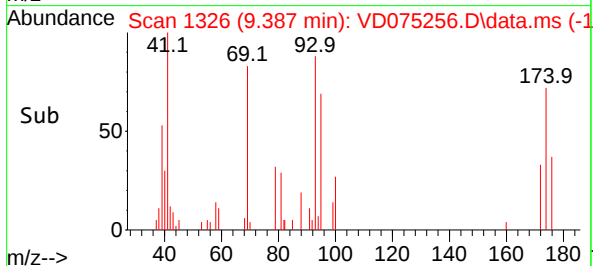
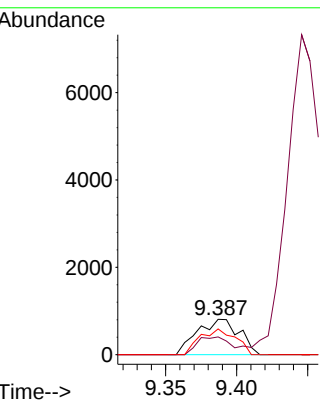
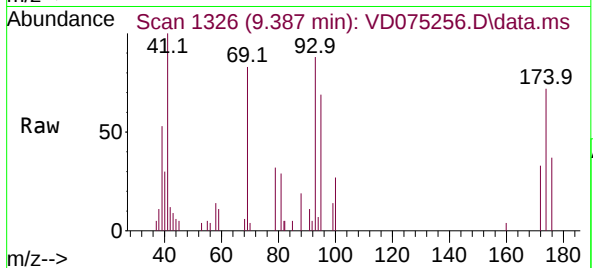
58 61.2 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 20.915 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075256.D

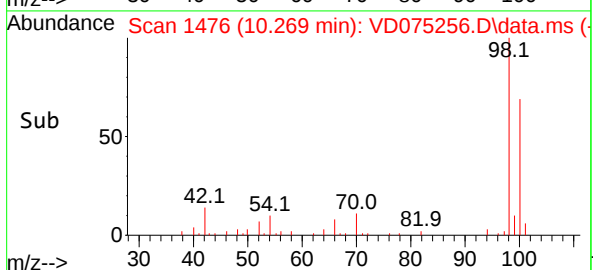
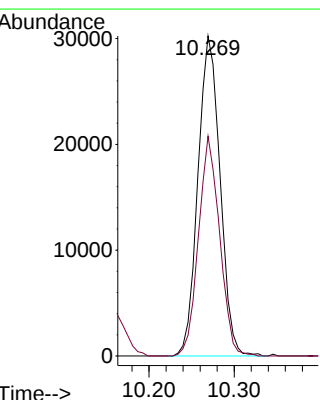
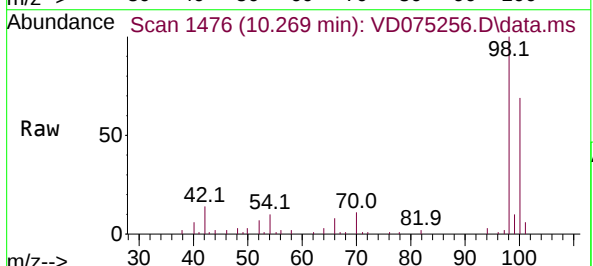
Acq: 07 Feb 2023 11:16

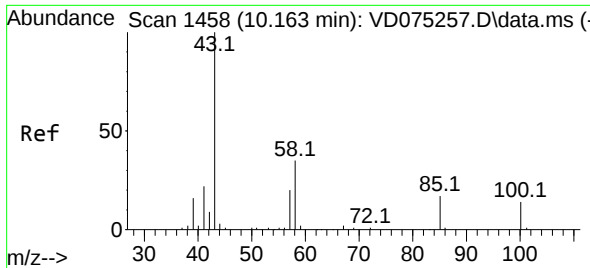
Tgt Ion: 98 Resp: 54526

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1





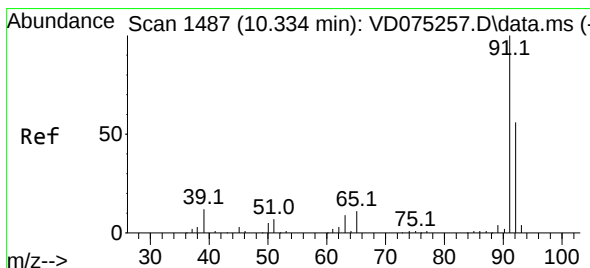
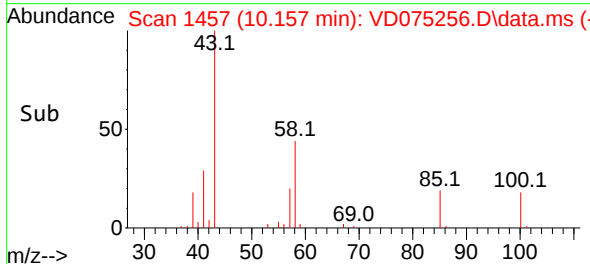
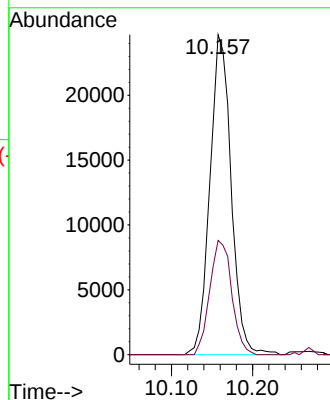
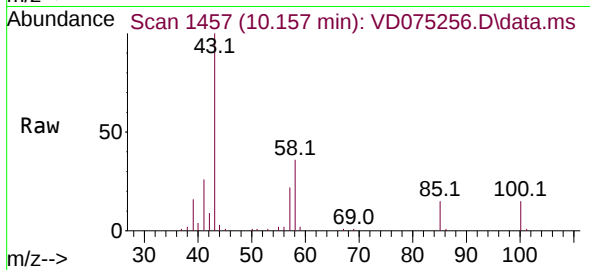
#51
4-Methyl-2-Pentanone
Concen: 99.275 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 4478
Ion Ratio Lower Upper
43 100
58 36.9 31.4 47.0

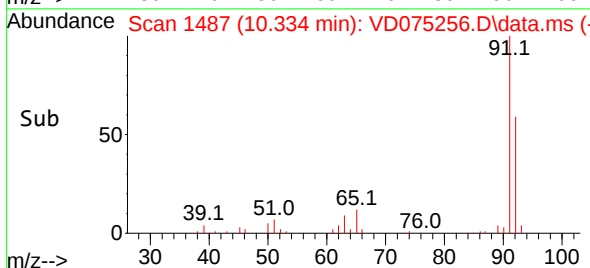
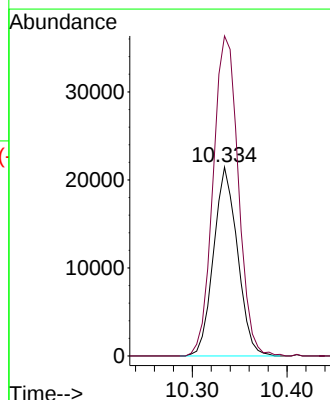
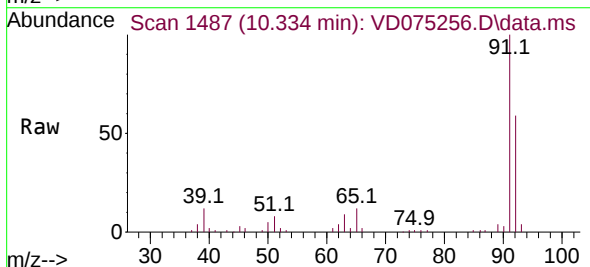
Manual Integrations
APPROVED

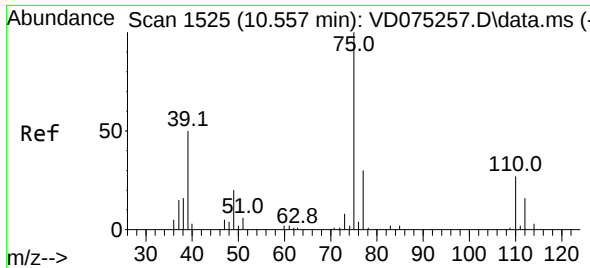
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#52
Toluene
Concen: 19.823 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

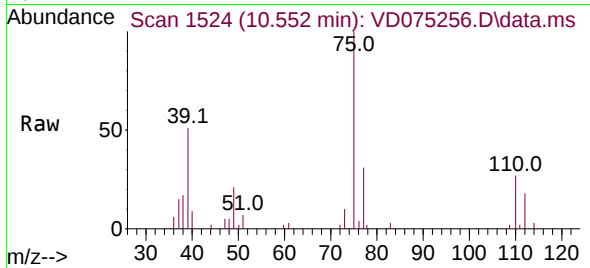
Tgt Ion: 92 Resp: 37578
Ion Ratio Lower Upper
92 100
91 179.0 137.0 205.4





#53
t-1,3-Dichloropropene
Concen: 19.246 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

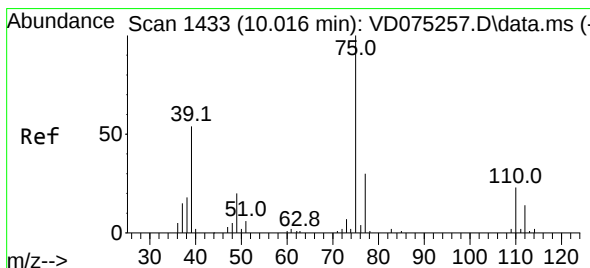
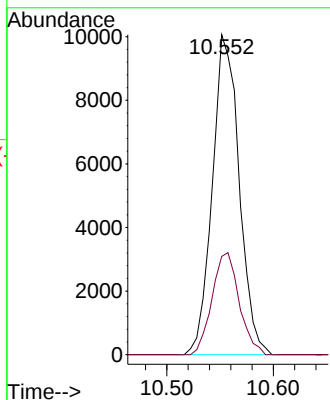
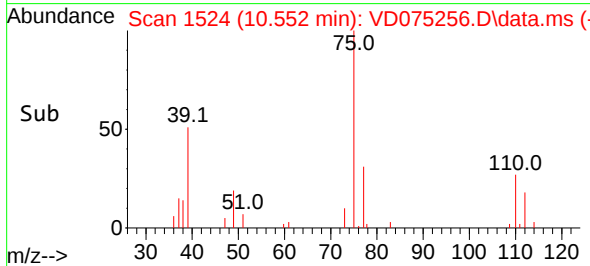
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 17574
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6

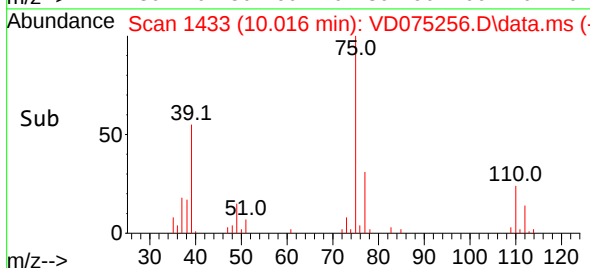
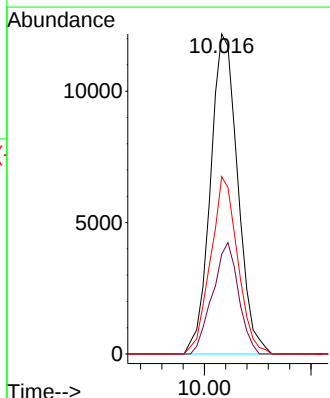
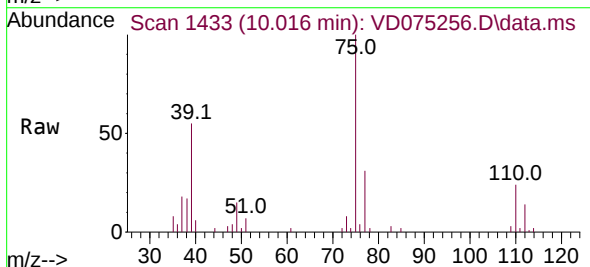
Manual Integrations
APPROVED

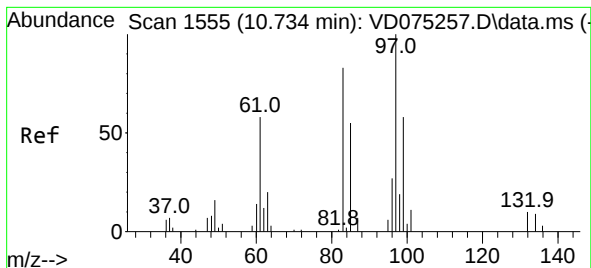
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
cis-1,3-Dichloropropene
Concen: 19.829 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

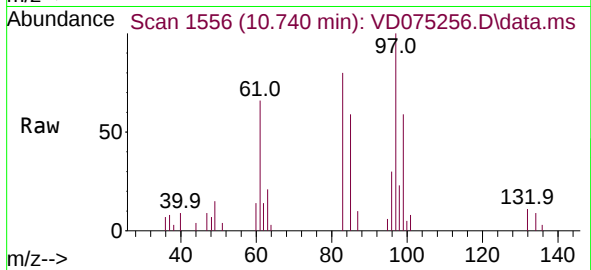
Tgt Ion: 75 Resp: 21648
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 55.4 37.9 56.9





#55
1,1,2-Trichloroethane
Concen: 20.788 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

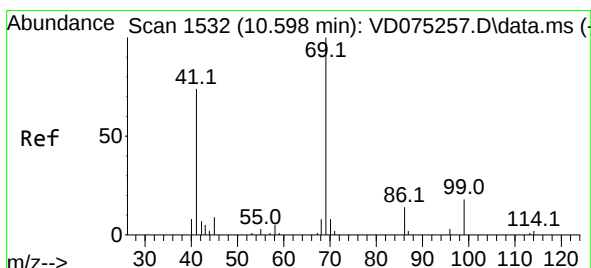
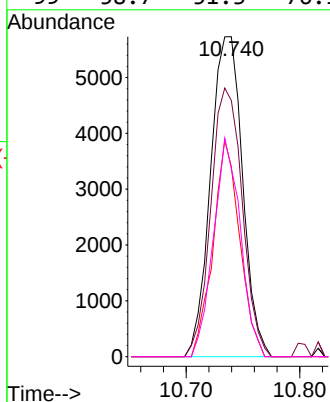
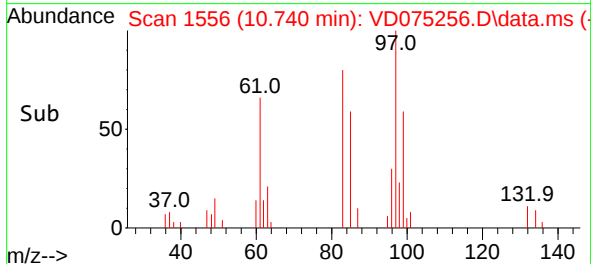


Tgt Ion: 97 Resp: 11240

Ion	Ratio	Lower	Upper
97	100		
83	80.0	69.4	104.0
85	59.4	46.0	69.0
99	58.7	51.3	76.9

Manual Integrations
APPROVED

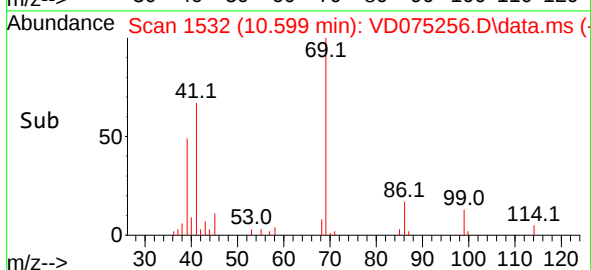
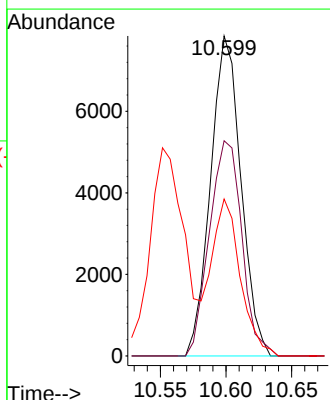
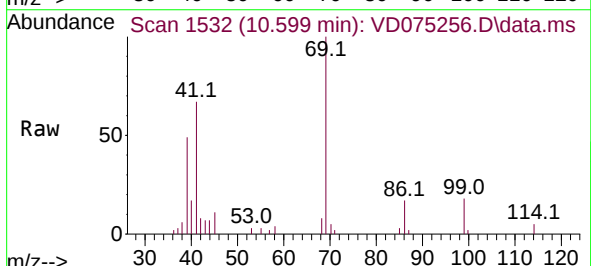
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

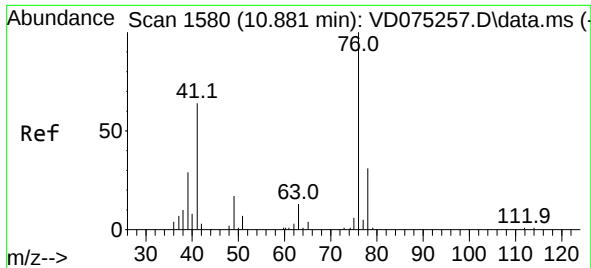


#56
Ethyl methacrylate
Concen: 20.134 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 69 Resp: 12656

Ion	Ratio	Lower	Upper
69	100		
41	71.7	55.7	83.5
39	45.6	31.4	47.0





#57

1,3-Dichloropropane

Concen: 20.145 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 1855

Ion Ratio Lower Upper

76 100

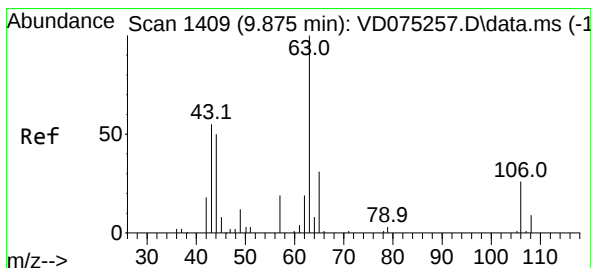
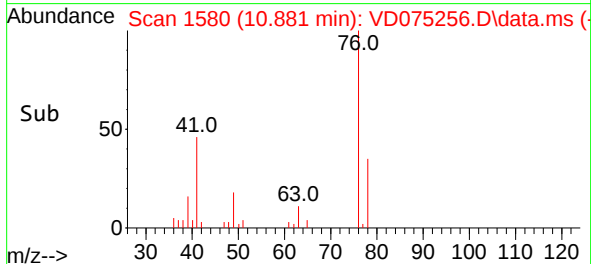
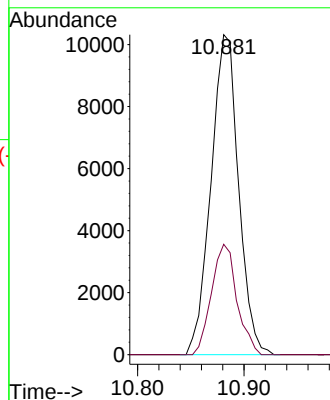
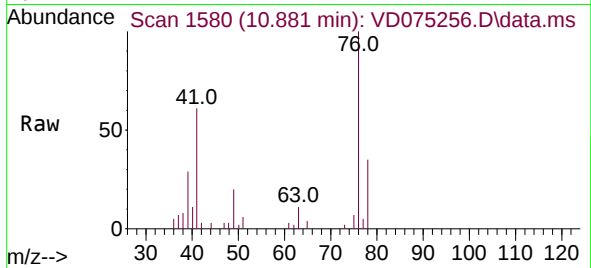
78 31.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.302 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD075256.D

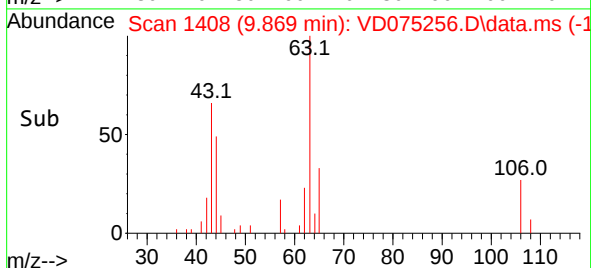
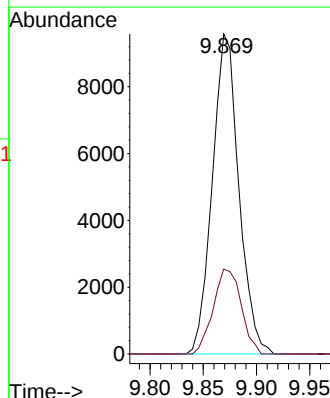
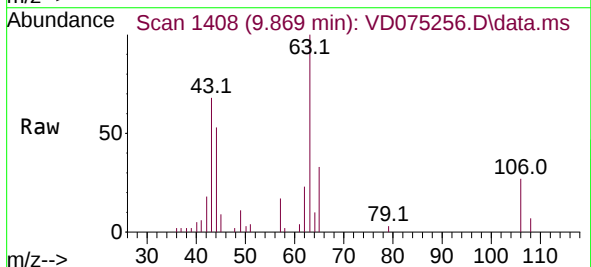
Acq: 07 Feb 2023 11:16

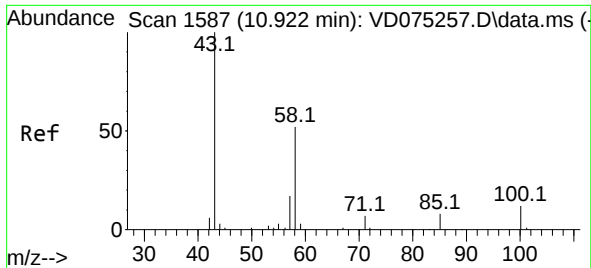
Tgt Ion: 63 Resp: 16569

Ion Ratio Lower Upper

63 100

106 27.9 22.6 33.8





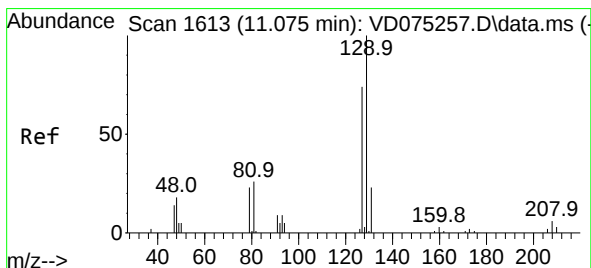
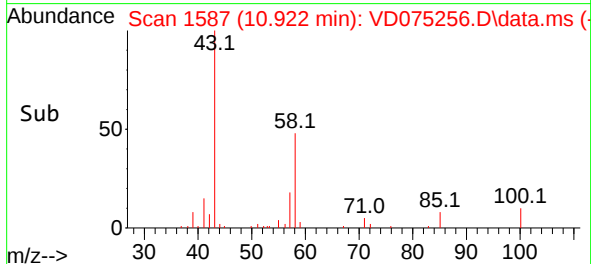
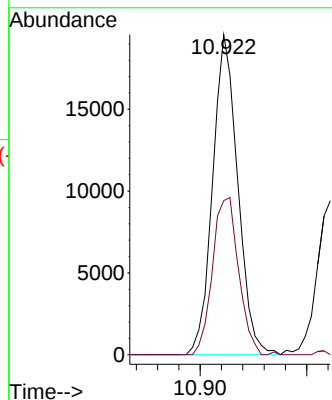
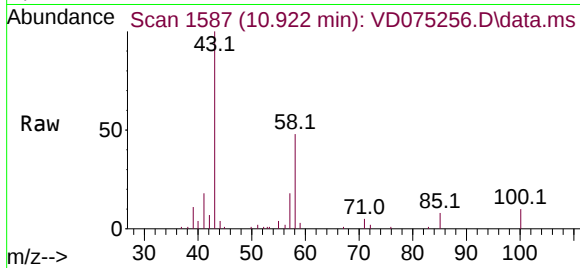
#59
2-Hexanone
Concen: 97.020 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 31978
Ion Ratio Lower Upper
43 100
58 50.9 26.8 80.4

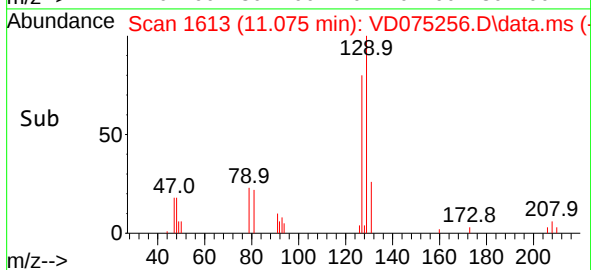
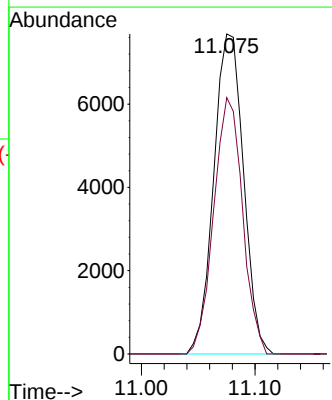
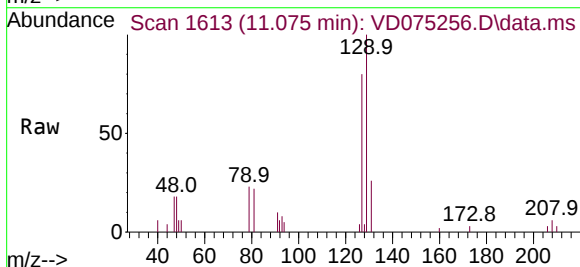
Manual Integrations
APPROVED

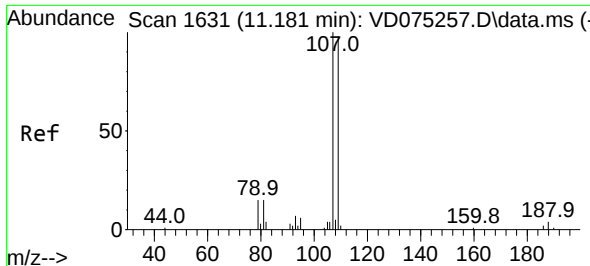
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 20.904 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:129 Resp: 14004
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





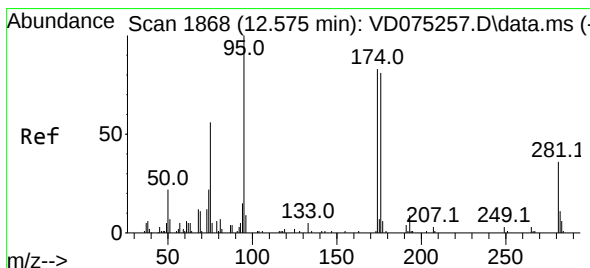
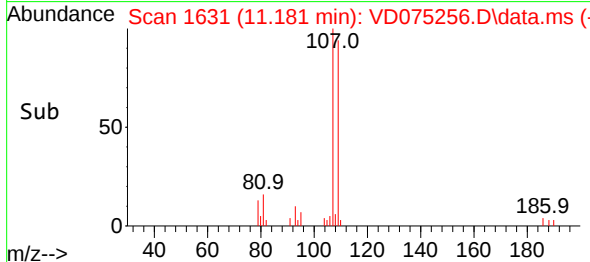
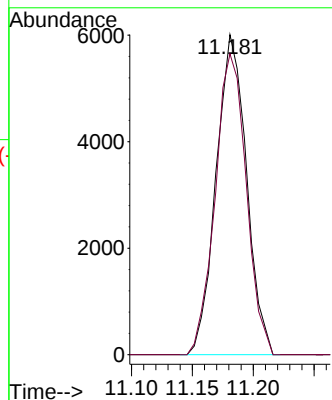
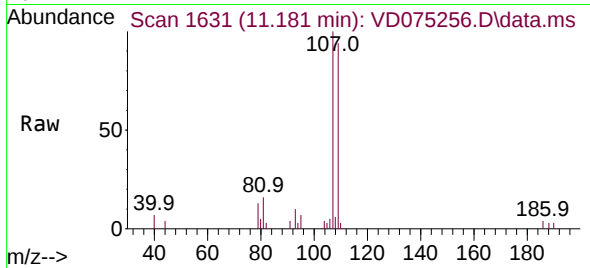
#61
1,2-Dibromoethane
Concen: 20.020 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 10438
Ion Ratio Lower Upper
107 100
109 96.1 75.2 112.8

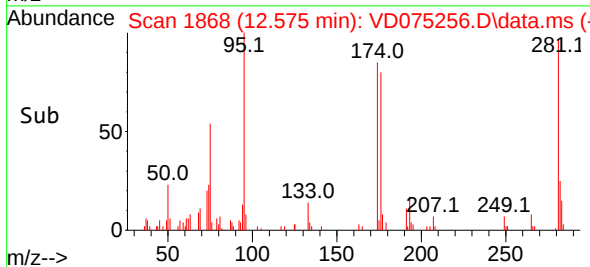
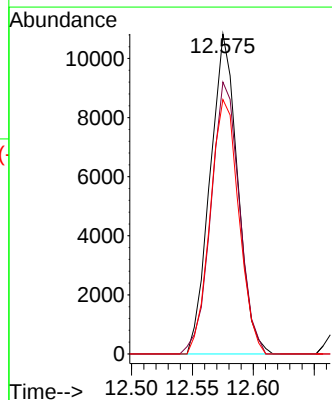
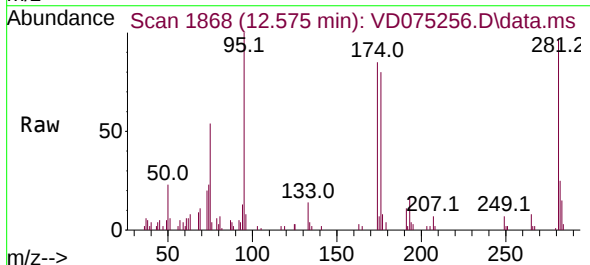
Manual Integrations
APPROVED

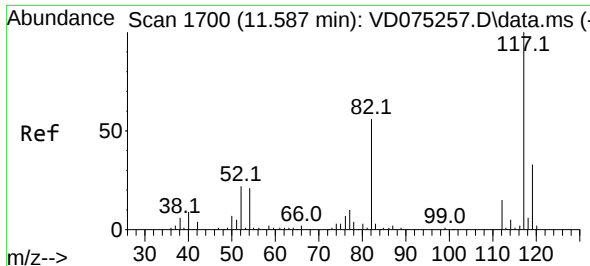
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#62
4-Bromofluorobenzene
Concen: 19.893 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion: 95 Resp: 17100
Ion Ratio Lower Upper
95 100
174 86.9 0.0 161.2
176 82.2 0.0 160.2





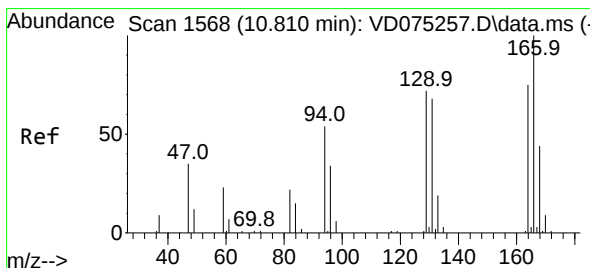
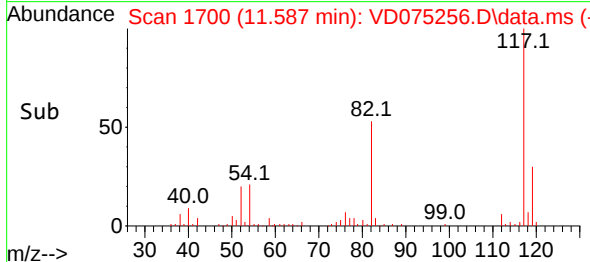
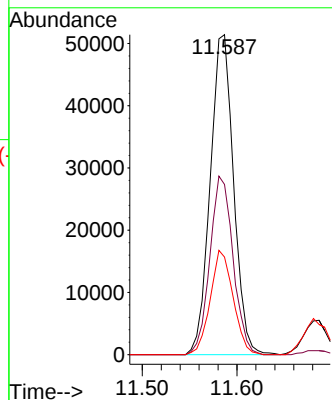
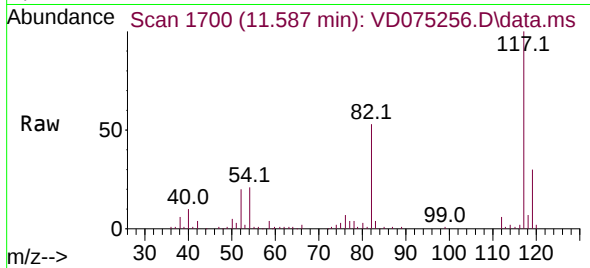
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 88160
Ion Ratio Lower Upper
117 100
82 53.2 39.6 59.4
119 30.5 24.6 37.0

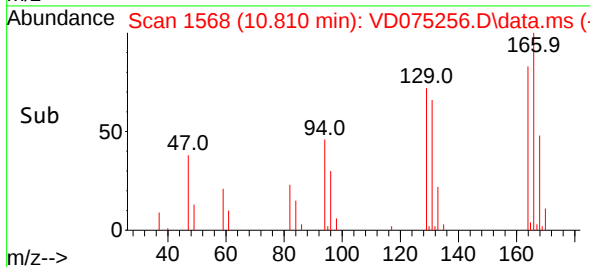
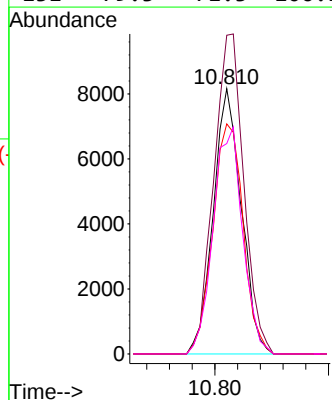
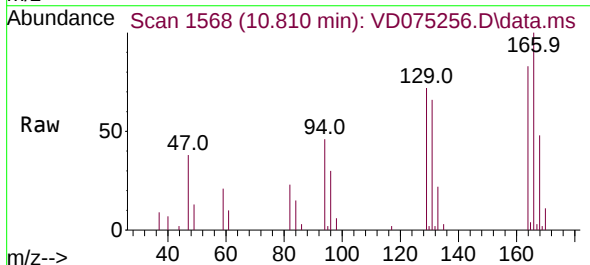
Manual Integrations
APPROVED

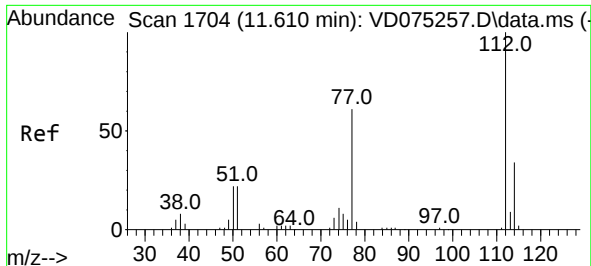
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 20.620 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:164 Resp: 14001
Ion Ratio Lower Upper
164 100
166 120.1 105.3 157.9
129 86.7 76.2 114.4
131 79.3 71.3 106.9





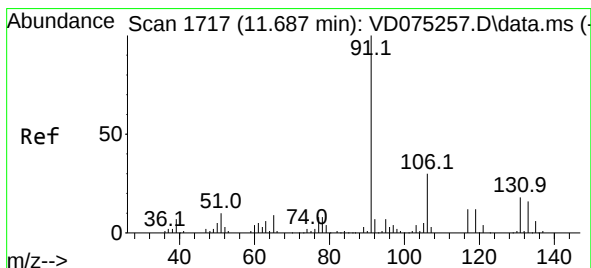
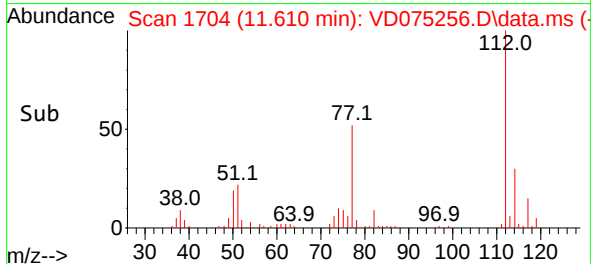
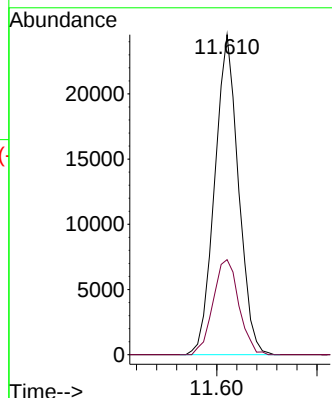
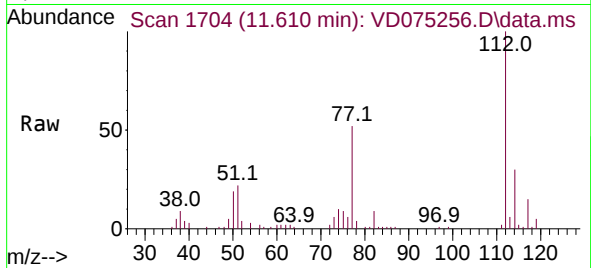
#65
Chlorobenzene
Concen: 20.295 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 40350
Ion Ratio Lower Upper
112 100
114 29.7 24.7 37.1

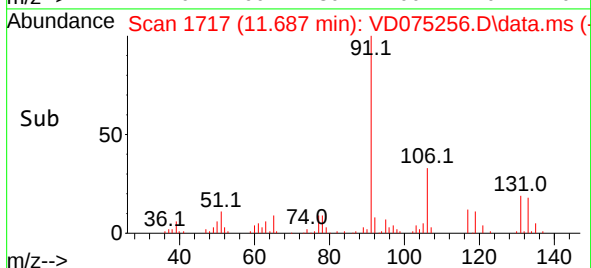
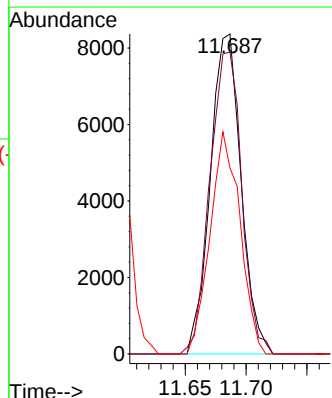
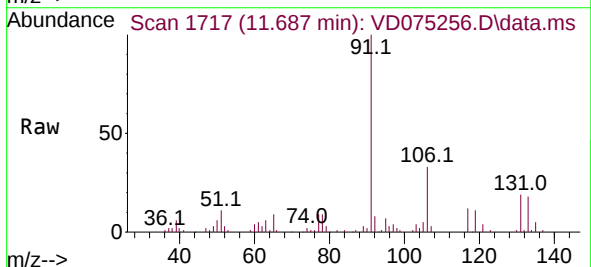
Manual Integrations
APPROVED

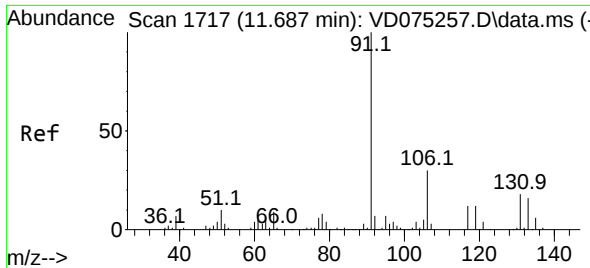
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.341 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:131 Resp: 14724
Ion Ratio Lower Upper
131 100
133 97.4 49.0 147.2
119 67.4 34.8 104.5





#67
Ethyl Benzene
Concen: 20.006 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

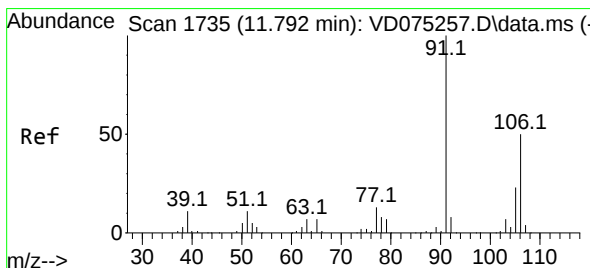
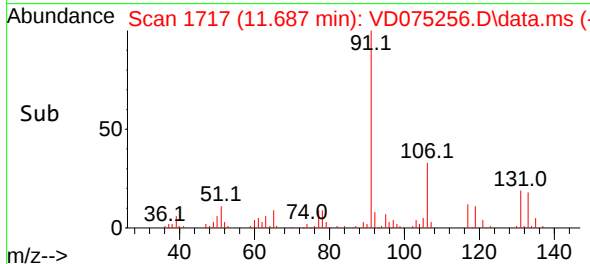
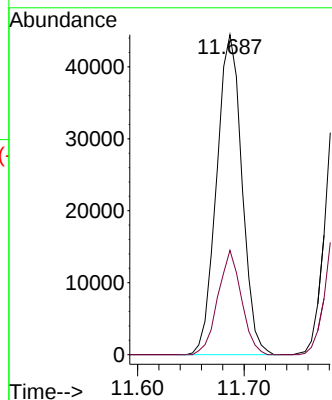
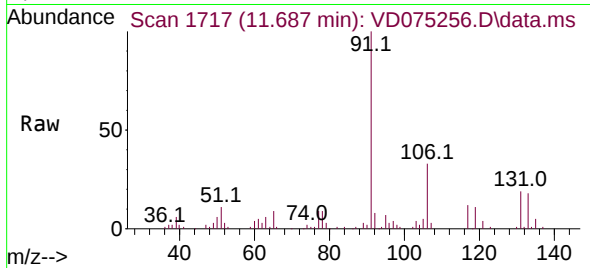
Tgt Ion: 91 Resp: 7343
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.6

Manual Integrations

APPROVED

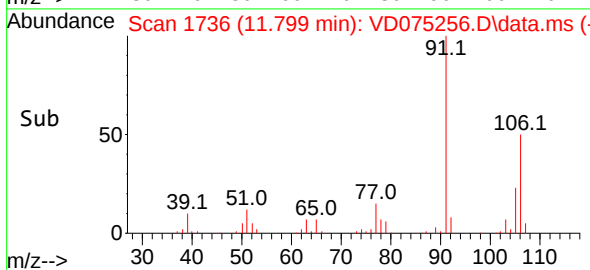
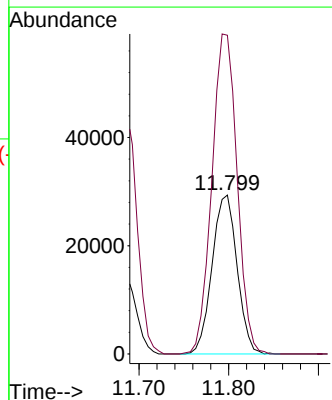
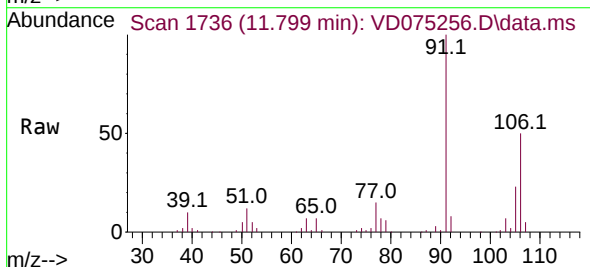
Reviewed By :Krupa Patel 02/08/2023

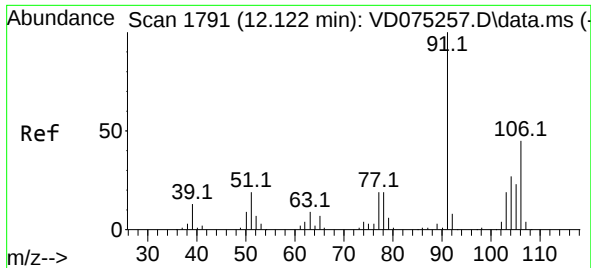
Supervised By :Mahesh Dadoda 02/08/2023



#68
m/p-Xylenes
Concen: 40.650 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:106 Resp: 56756
Ion Ratio Lower Upper
106 100
91 203.3 160.3 240.5





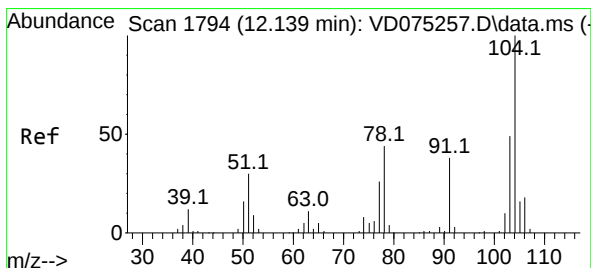
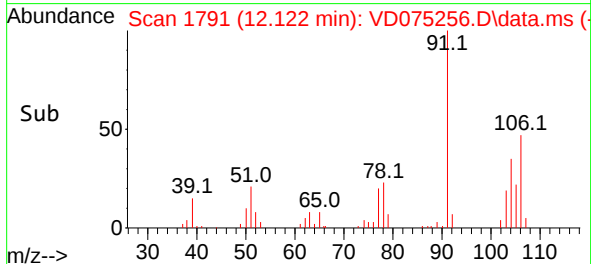
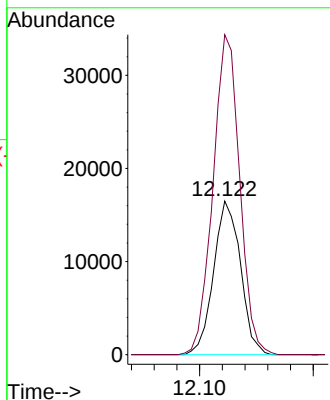
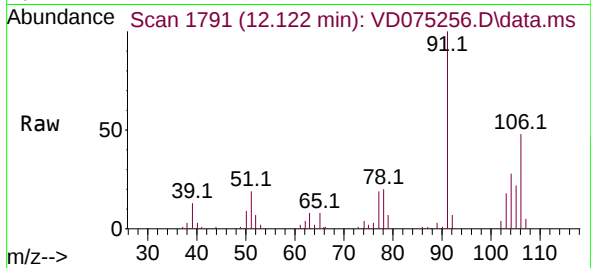
#69
o-Xylene
Concen: 20.820 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 27154
Ion Ratio Lower Upper
106 100
91 206.9 103.6 310.9

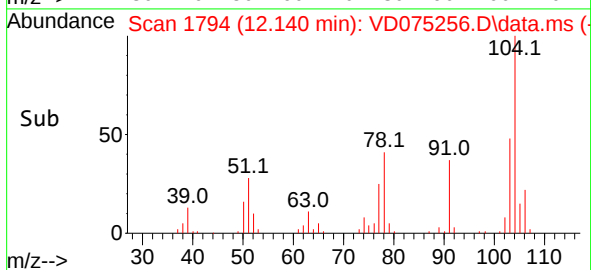
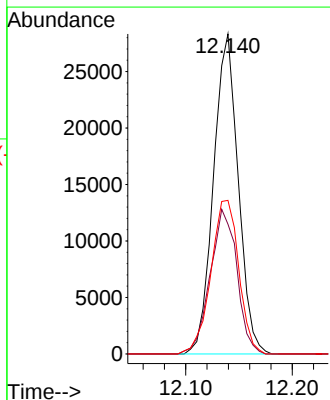
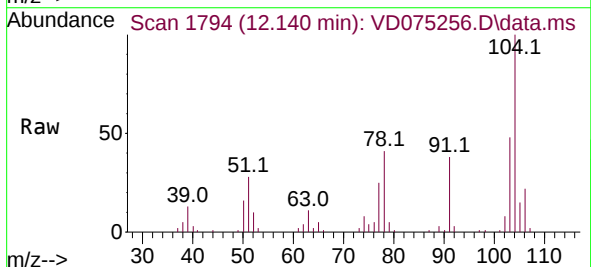
Manual Integrations
APPROVED

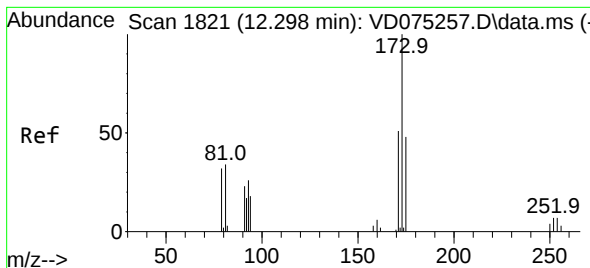
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 20.635 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:104 Resp: 45587
Ion Ratio Lower Upper
104 100
78 49.0 38.9 58.3
103 54.1 43.6 65.4





#71

Bromoform

Concen: 20.653 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

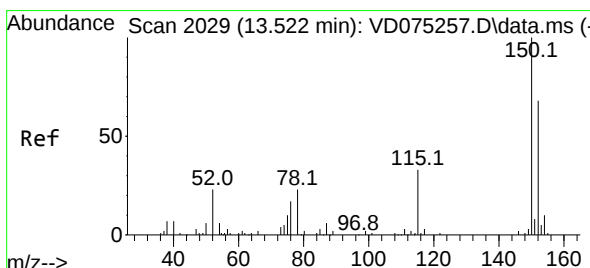
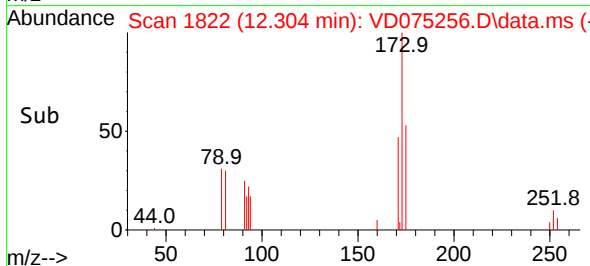
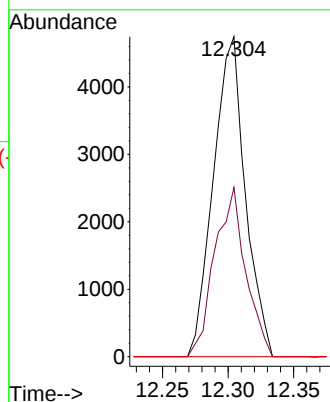
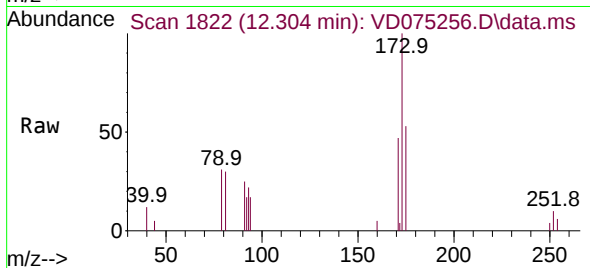
Tgt Ion:	173	Resp:	8030
Ion Ratio	Lower	Upper	
173	100		
175	51.4	25.4	76.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

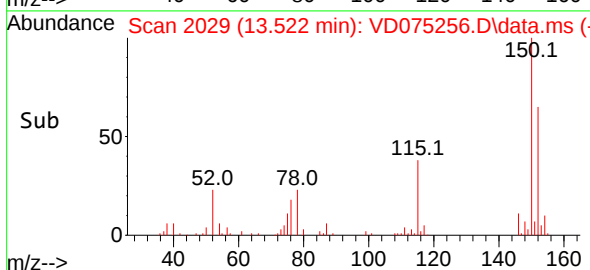
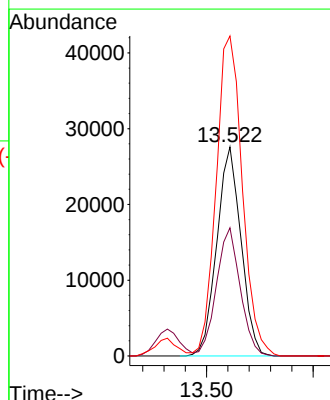
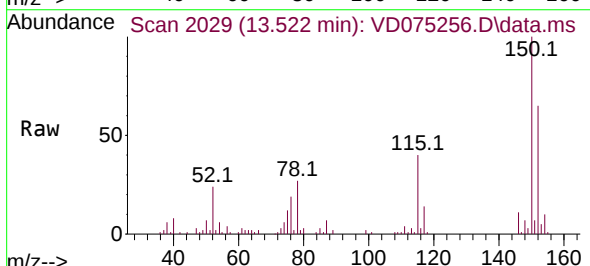
RT: 13.522 min Scan# 2029

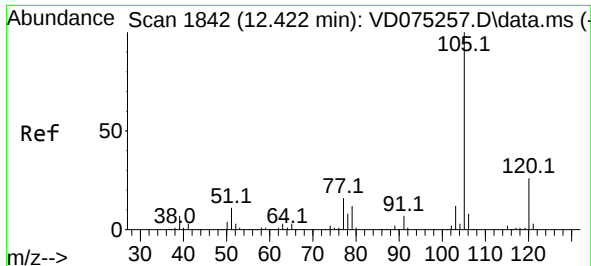
Delta R.T. -0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Tgt Ion:	152	Resp:	43487
Ion Ratio	Lower	Upper	
152	100		
115	60.4	28.8	86.4
150	165.5	0.0	348.6





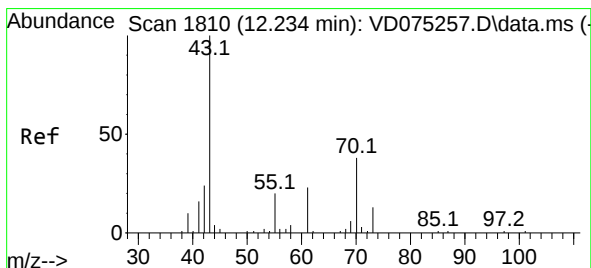
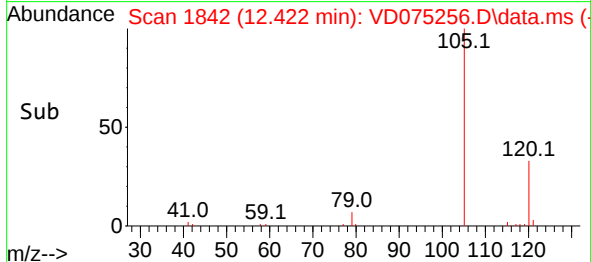
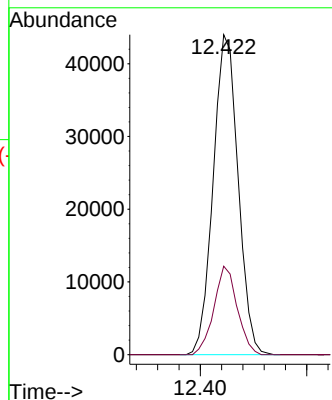
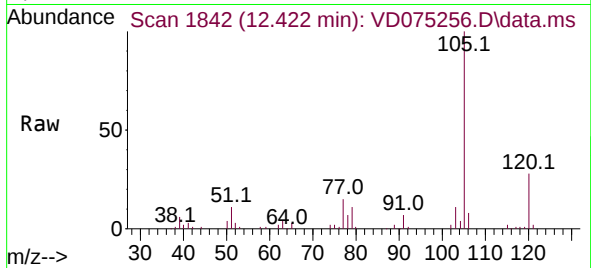
#73
Isopropylbenzene
Concen: 20.233 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 71280
Ion Ratio Lower Upper
105 100
120 25.9 13.7 41.1

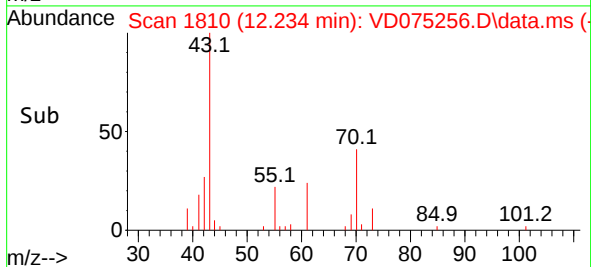
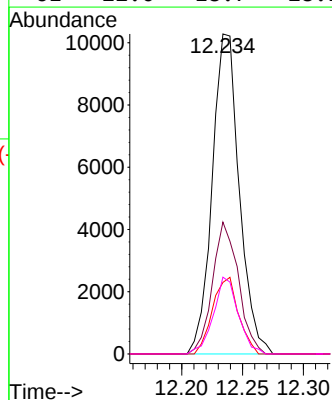
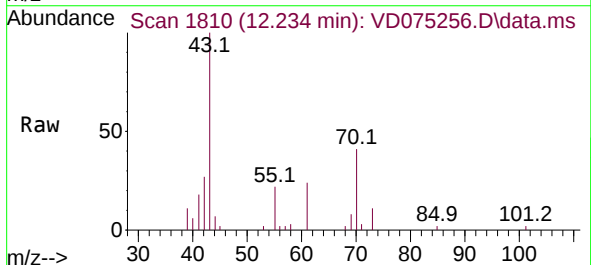
Manual Integrations
APPROVED

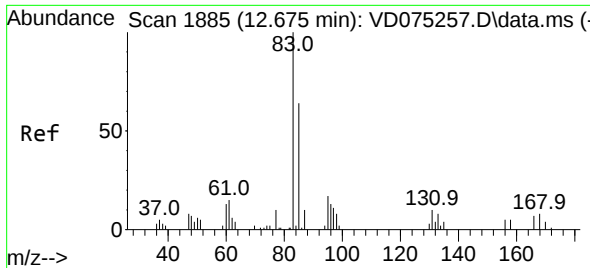
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#74
N-ethyl acetate
Concen: 20.090 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

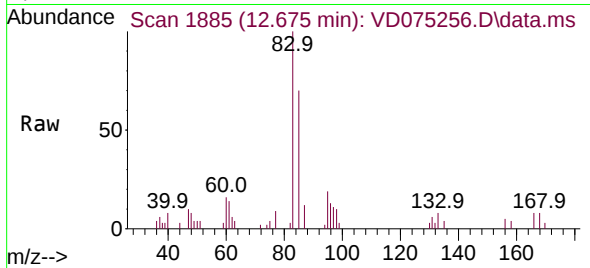
Tgt Ion: 43 Resp: 15904
Ion Ratio Lower Upper
43 100
70 39.4 32.6 49.0
55 22.9 17.8 26.8
61 22.0 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.332 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

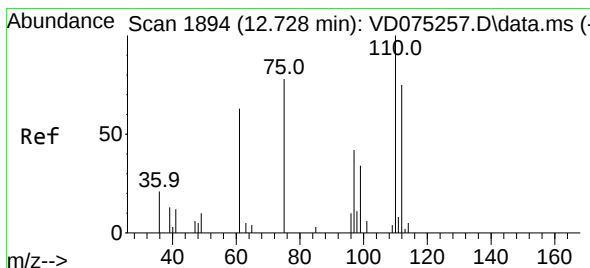
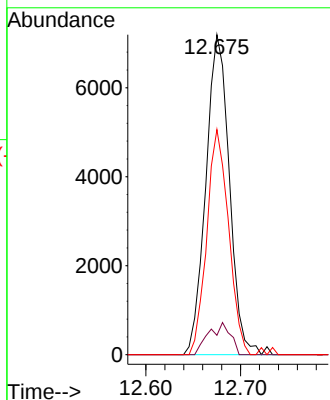
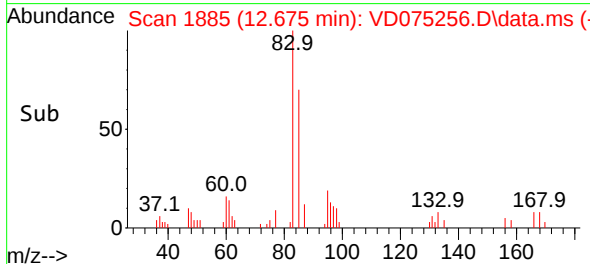
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 12462
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 65.0 31.9 95.7

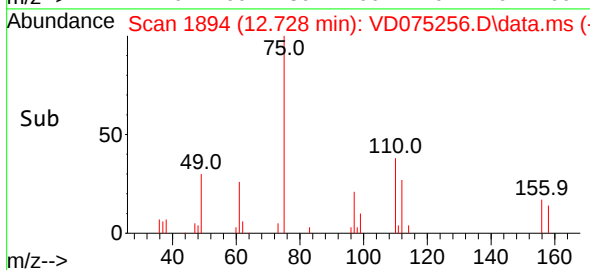
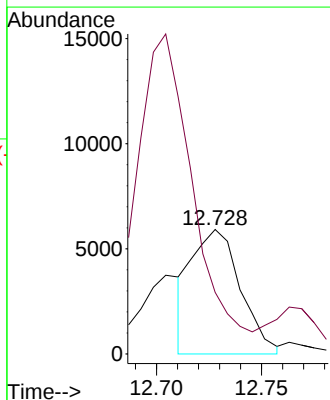
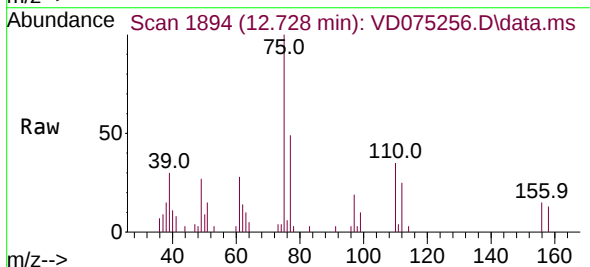
Manual Integrations
APPROVED

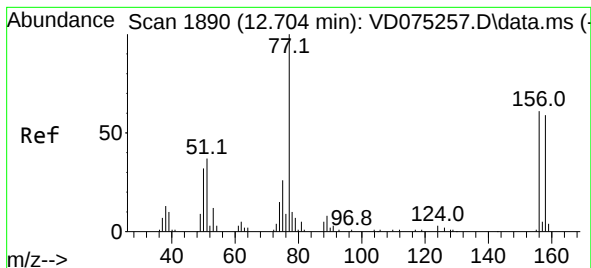
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#76
1,2,3-Trichloropropane
Concen: 13.158 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

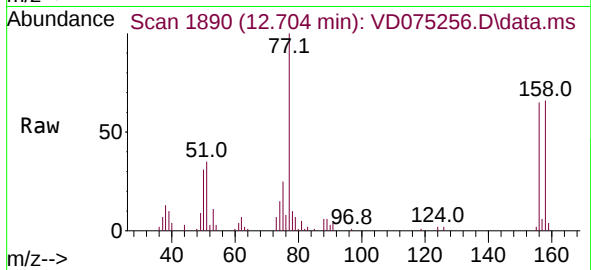
Tgt Ion: 75 Resp: 9541
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.728 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

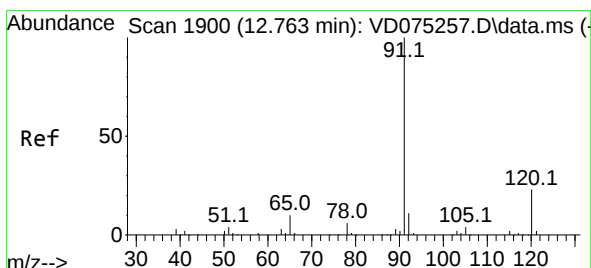
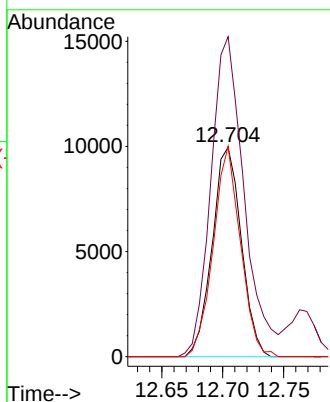
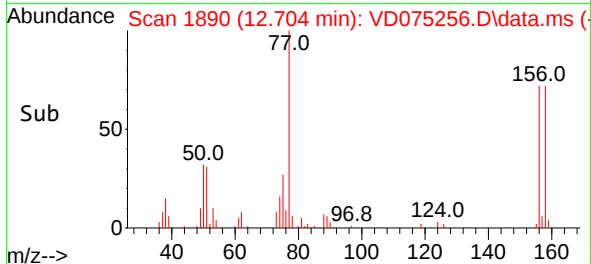
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



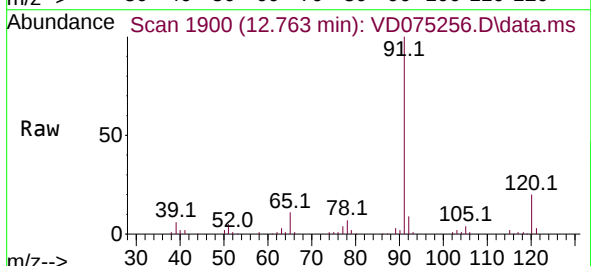
Tgt Ion:156 Resp: 16530
Ion Ratio Lower Upper
156 100
77 174.4 85.6 256.8
158 93.8 47.3 141.9

Manual Integrations
APPROVED

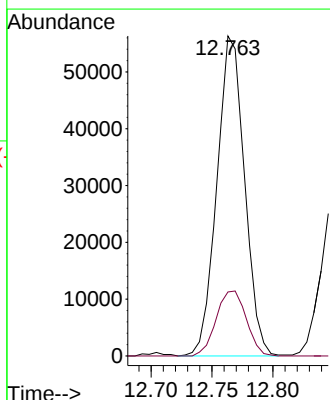
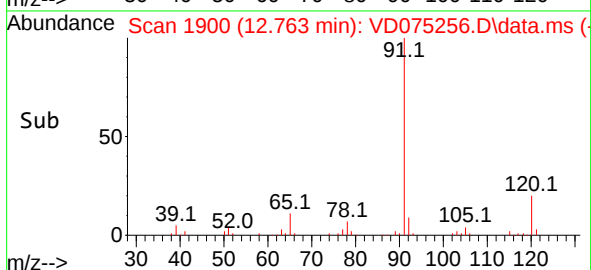
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

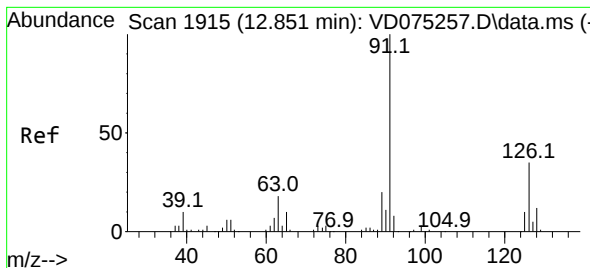


#78
n-propylbenzene
Concen: 20.330 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion: 91 Resp: 89117
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.0





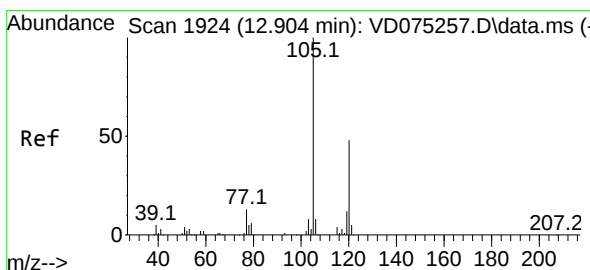
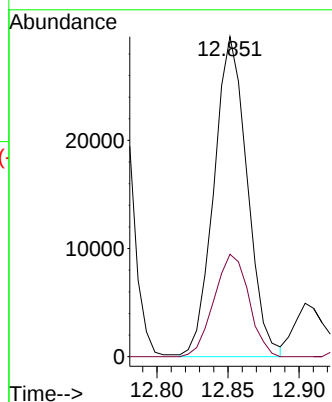
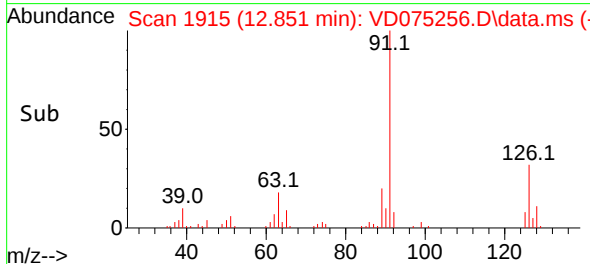
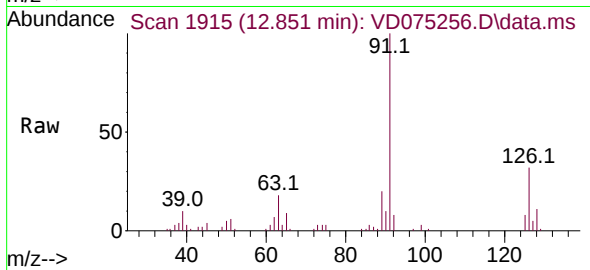
#79
2-Chlorotoluene
Concen: 20.058 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 48230
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.3

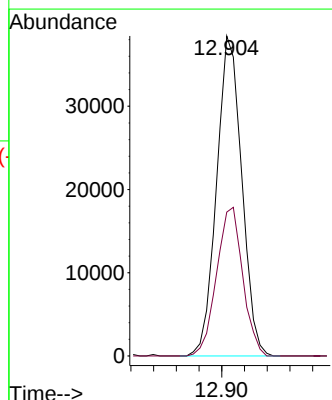
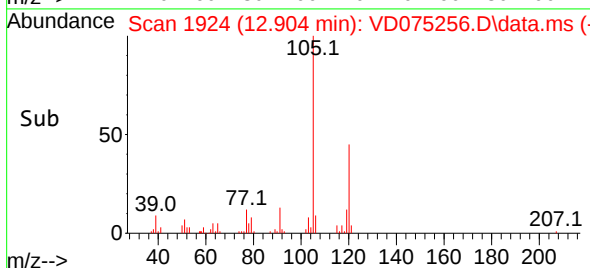
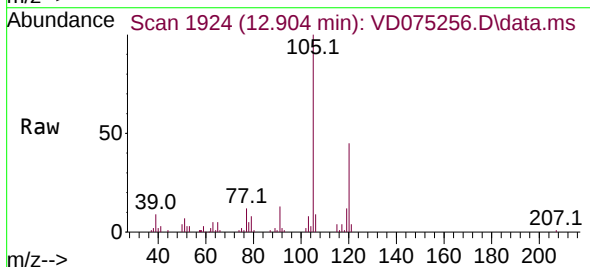
Manual Integrations
APPROVED

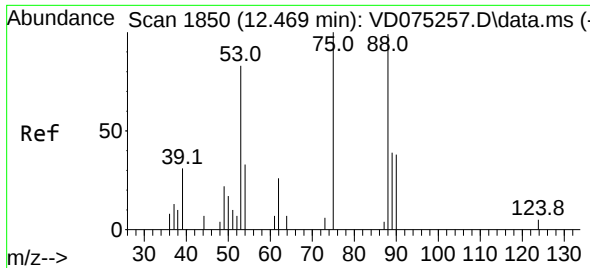
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.151 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

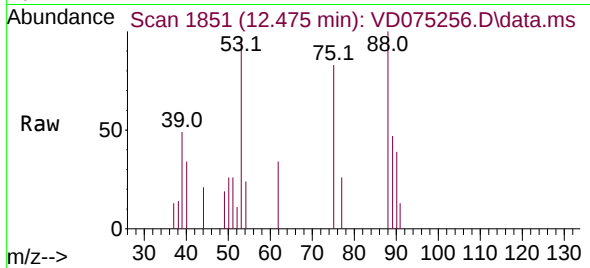
Tgt Ion:105 Resp: 59111
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.521 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

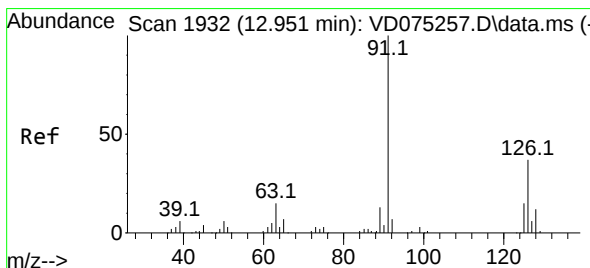
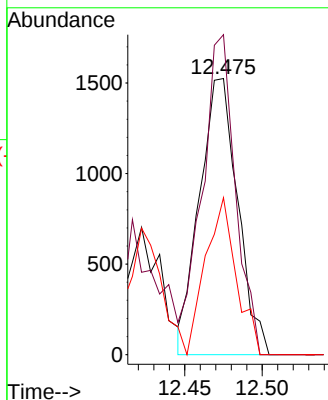
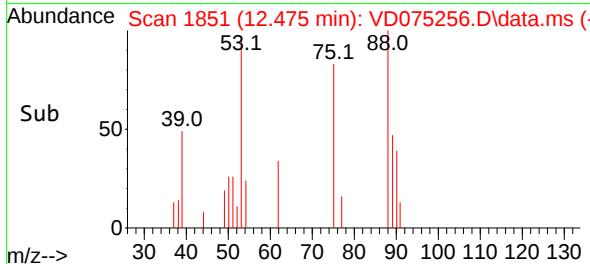
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



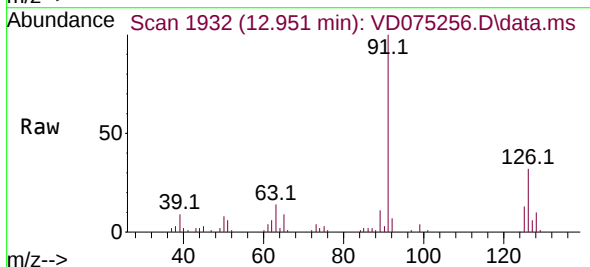
Tgt Ion: 75 Resp: 2609
Ion Ratio Lower Upper
75 100
53 100.8 70.5 105.7
89 45.7 34.6 52.0

Manual Integrations
APPROVED

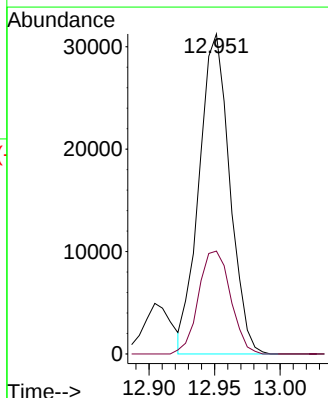
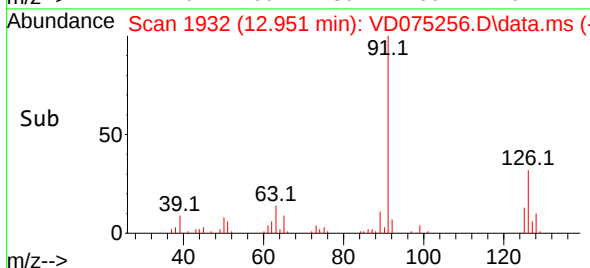
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

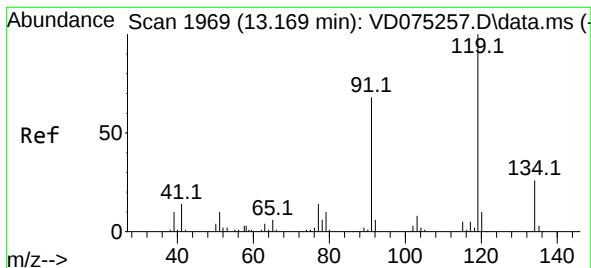


#82
4-Chlorotoluene
Concen: 20.262 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion: 91 Resp: 50821
Ion Ratio Lower Upper
91 100
126 33.6 17.3 52.0





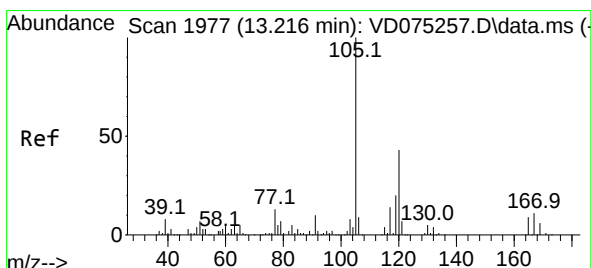
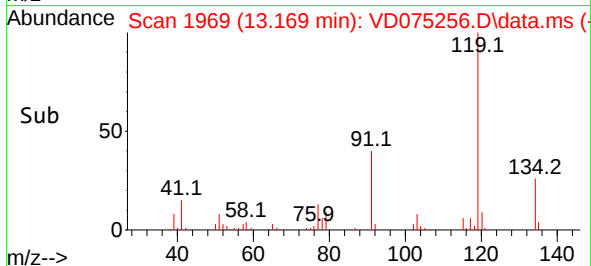
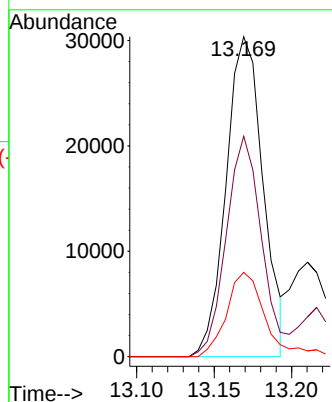
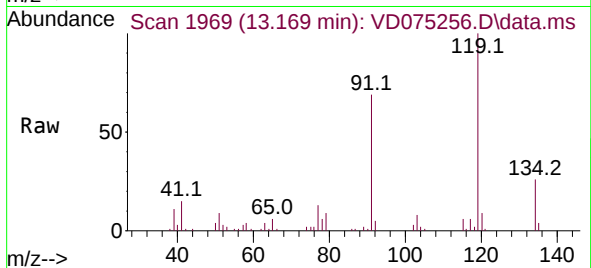
#83
tert-Butylbenzene
Concen: 19.940 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 50420
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.6
134 27.5 13.3 39.8

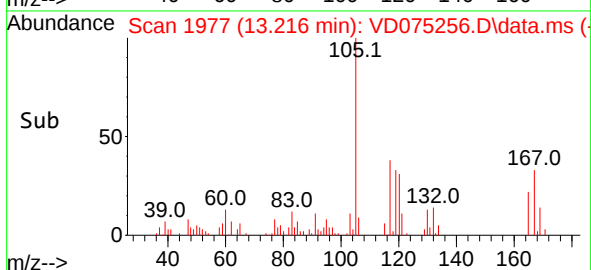
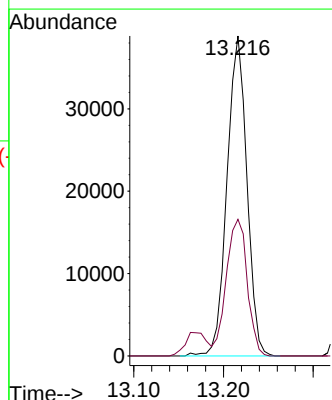
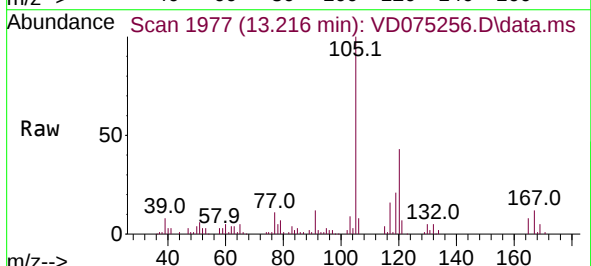
Manual Integrations
APPROVED

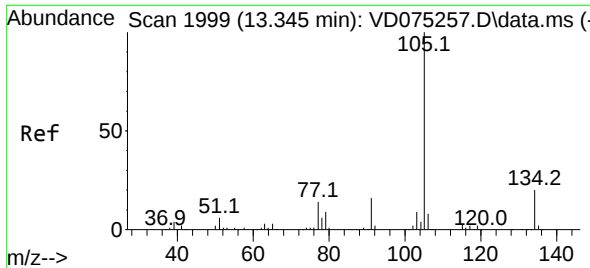
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.395 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Tgt Ion:105 Resp: 59752
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.5





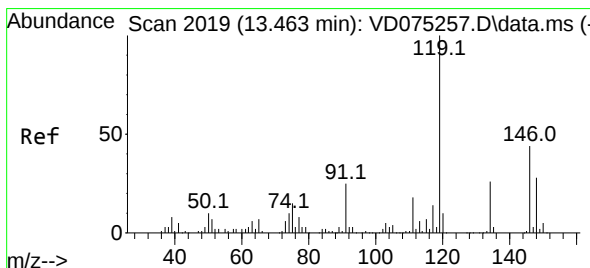
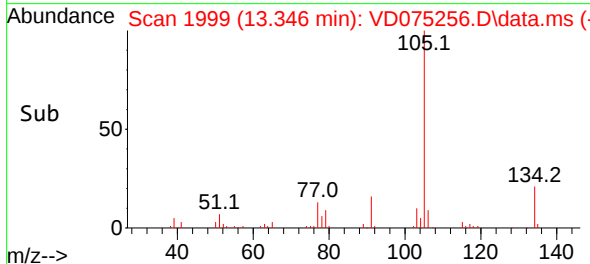
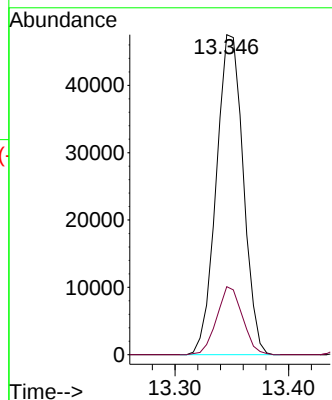
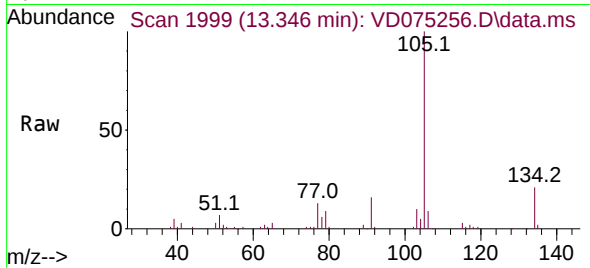
#85
 sec-Butylbenzene
 Concen: 20.185 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD075256.D
 Acq: 07 Feb 2023 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 78309
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2

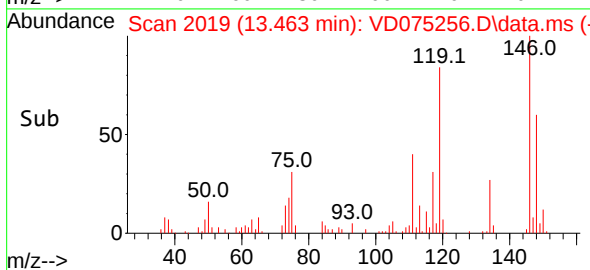
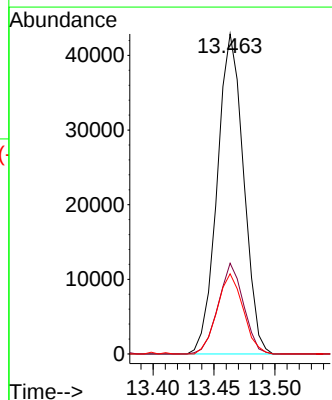
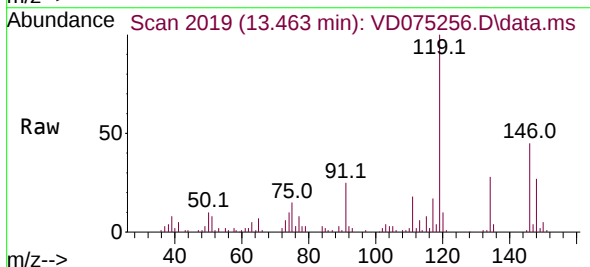
Manual Integrations
 APPROVED

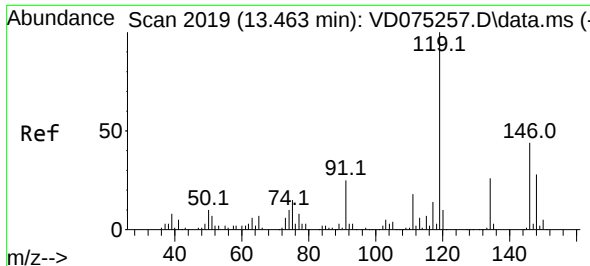
Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#86
 p-Isopropyltoluene
 Concen: 20.351 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075256.D
 Acq: 07 Feb 2023 11:16

Tgt Ion:119 Resp: 64584
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 24.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.280 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

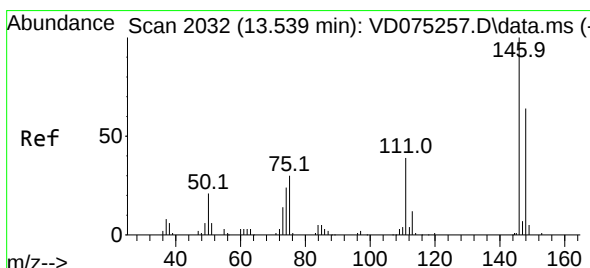
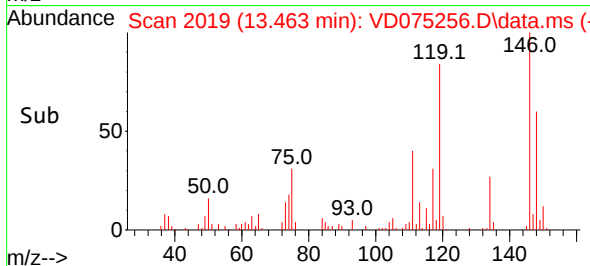
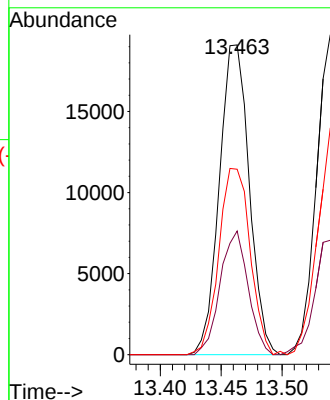
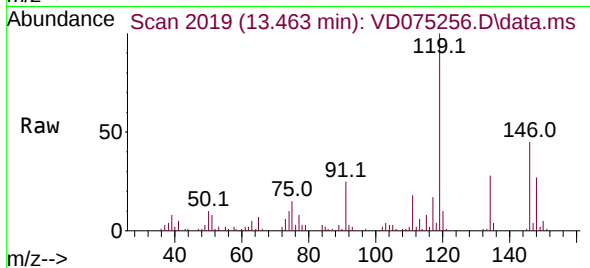
Tgt Ion:146 Resp: 32700
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 62.8 31.1 93.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#88

1,4-Dichlorobenzene

Concen: 20.530 ug/l

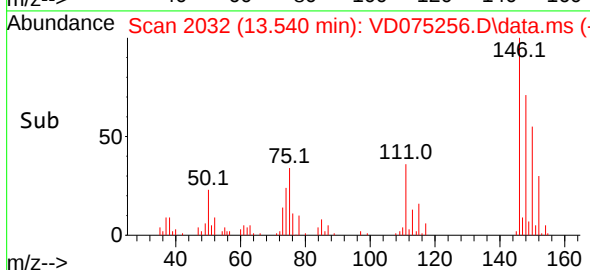
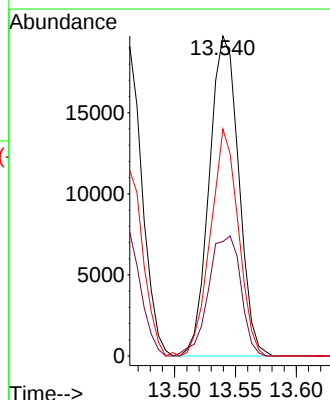
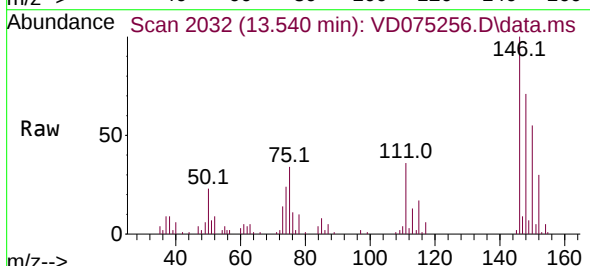
RT: 13.540 min Scan# 2032

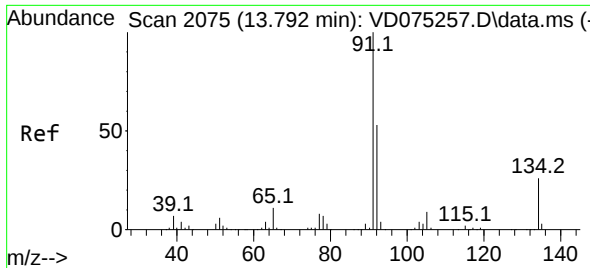
Delta R.T. 0.001 min

Lab File: VD075256.D

Acq: 07 Feb 2023 11:16

Tgt Ion:146 Resp: 33123
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.7 59.1
 148 67.0 31.9 95.5





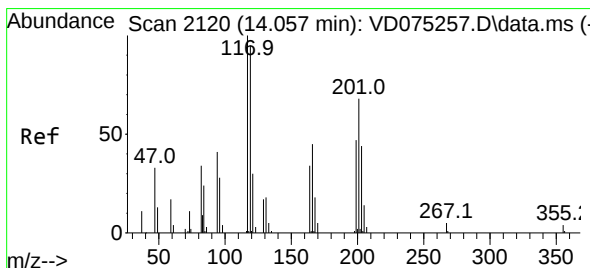
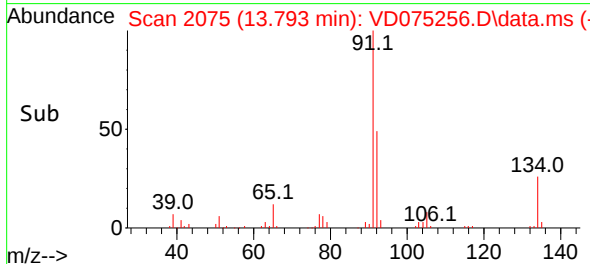
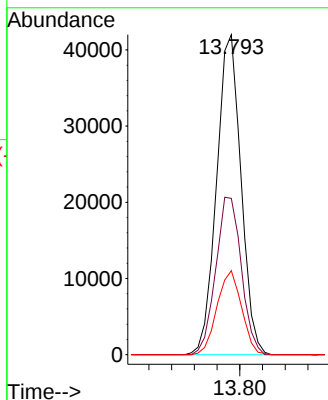
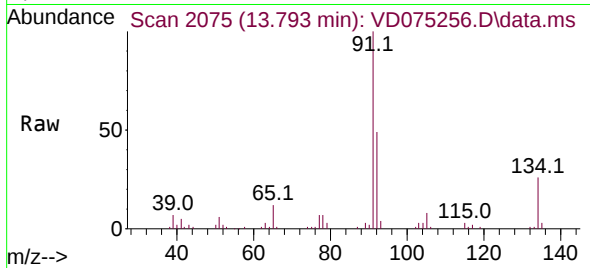
#89
n-Butylbenzene
Concen: 20.211 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.001 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 6261
Ion Ratio Lower Upper
91 100
92 51.6 26.8 80.3
134 26.4 13.3 39.8

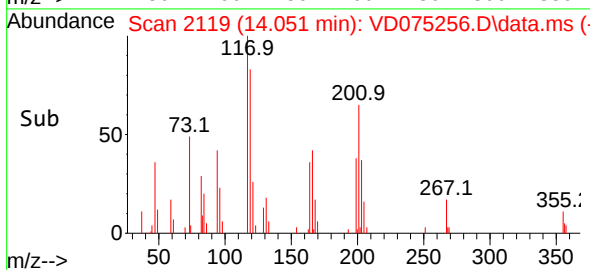
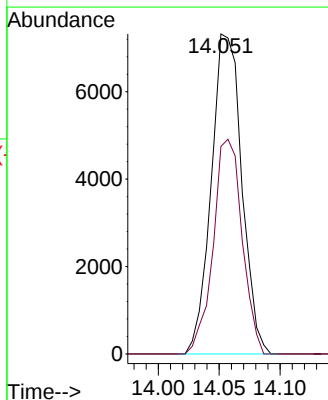
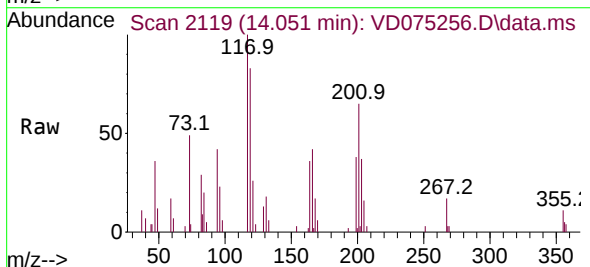
Manual Integrations
APPROVED

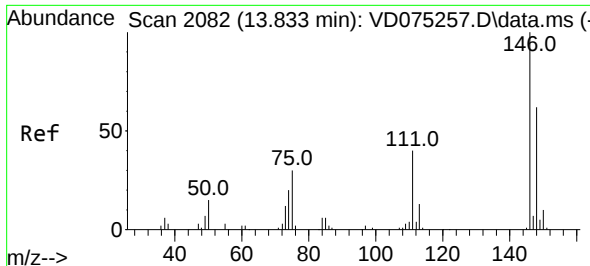
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 20.393 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

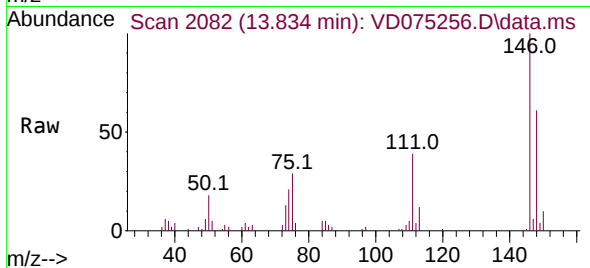
Tgt Ion:117 Resp: 12759
Ion Ratio Lower Upper
117 100
201 63.6 35.1 105.5





#91
1,2-Dichlorobenzene
Concen: 20.584 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.001 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

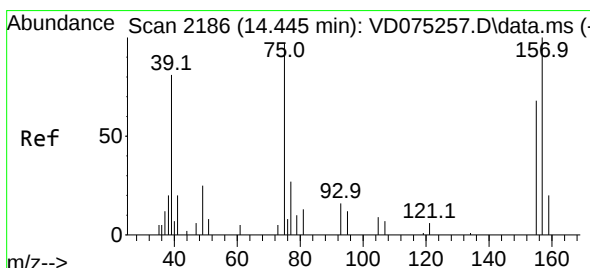
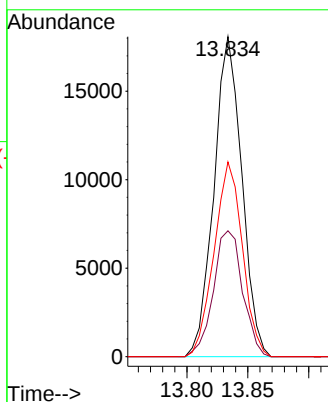
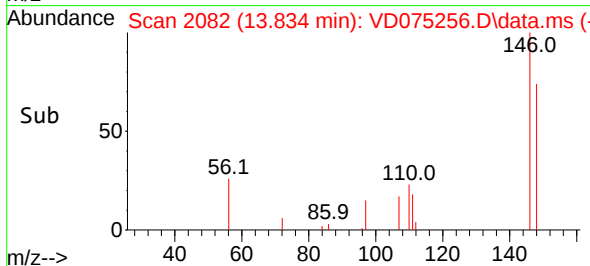
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



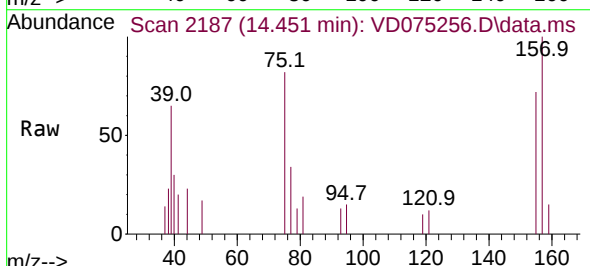
Tgt Ion:146 Resp: 28798
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.2
148 61.8 31.9 95.5

Manual Integrations
APPROVED

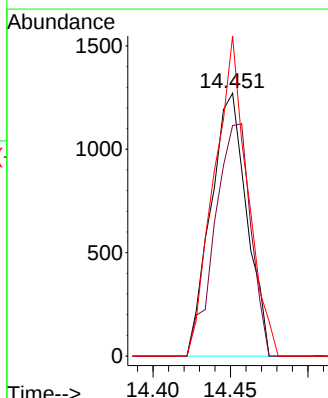
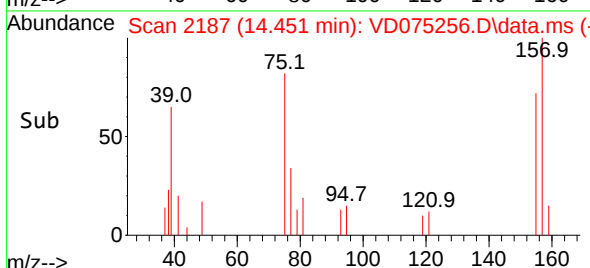
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

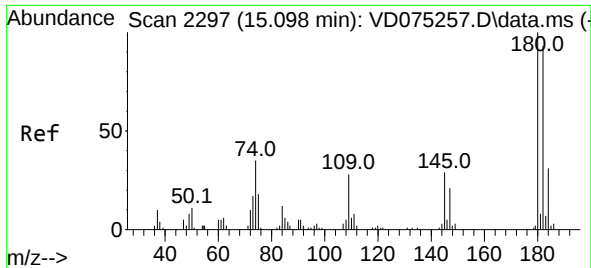


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.554 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



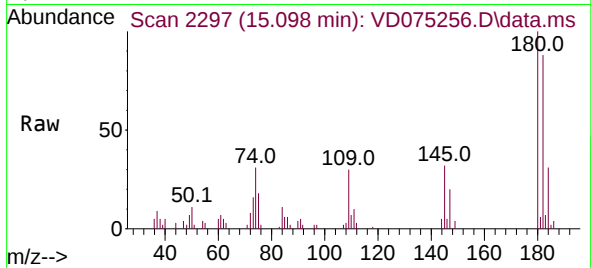
Tgt Ion: 75 Resp: 2049
Ion Ratio Lower Upper
75 100
155 88.1 43.4 130.2
157 112.6 56.4 169.2





#93
1,2,4-Trichlorobenzene
Concen: 20.231 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

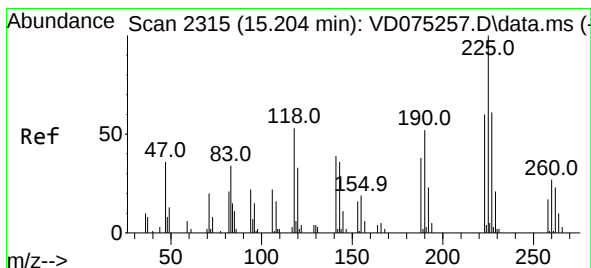
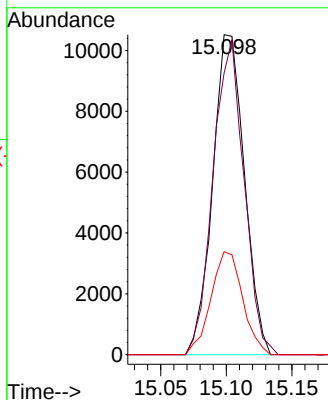
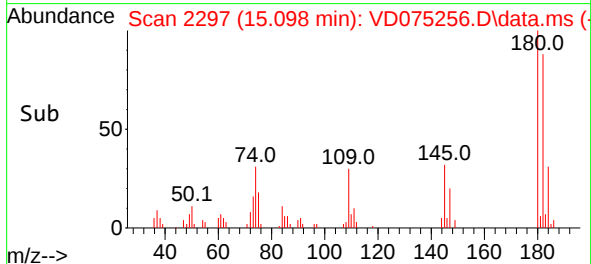
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



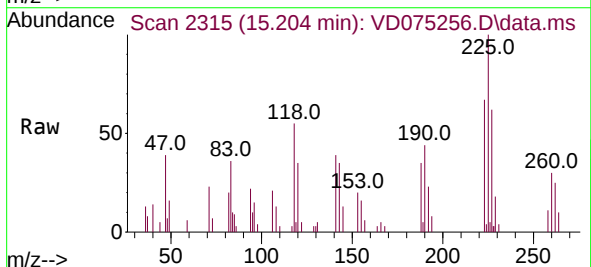
Tgt Ion:180 Resp: 1772
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 32.2 15.8 47.4

Manual Integrations
APPROVED

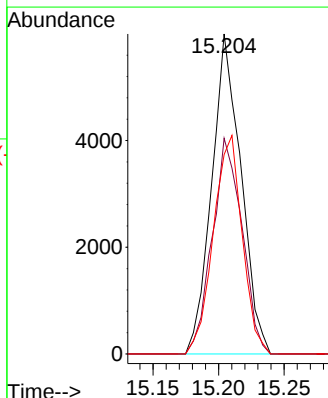
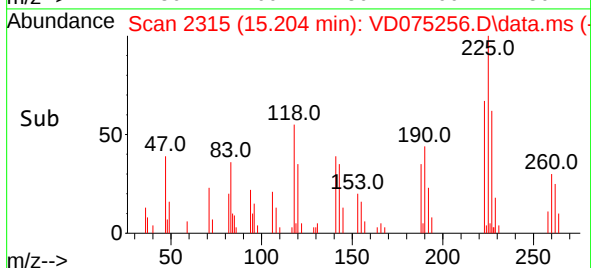
Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

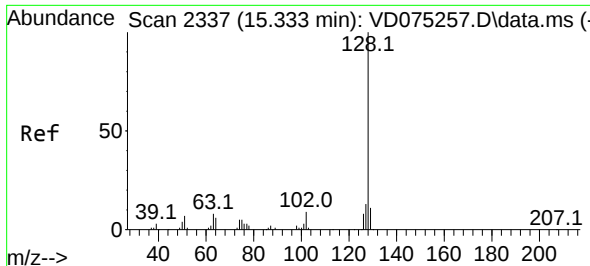


#94
Hexachlorobutadiene
Concen: 20.115 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



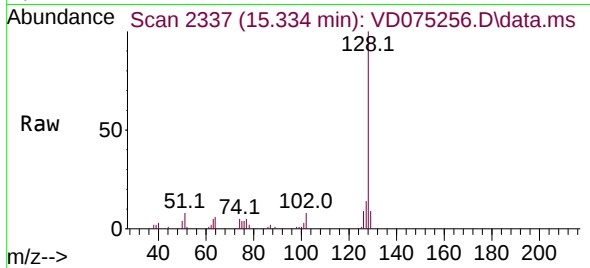
Tgt Ion:225 Resp: 9299
Ion Ratio Lower Upper
225 100
223 68.5 31.8 95.4
227 67.4 30.7 92.1





#95
Naphthalene
Concen: 20.213 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16

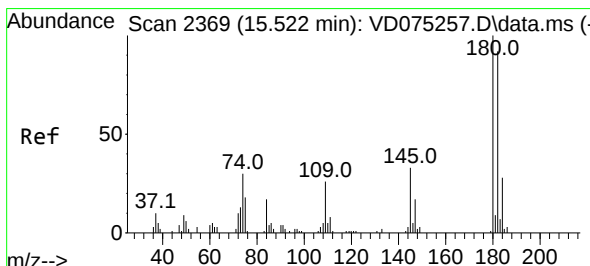
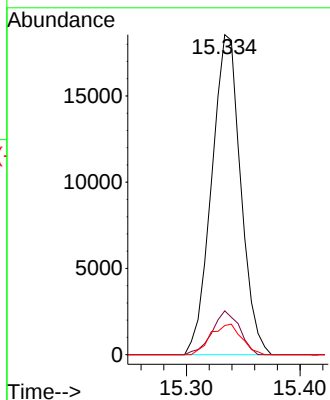
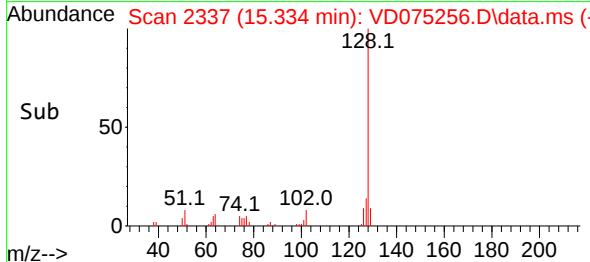
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



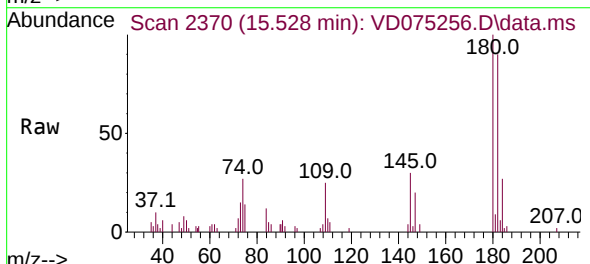
Tgt Ion:128 Resp: 32964
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.766 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075256.D
Acq: 07 Feb 2023 11:16



Tgt Ion:180 Resp: 15699
Ion Ratio Lower Upper
180 100
182 89.5 47.0 141.0
145 32.5 16.1 48.3

