

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076467.D
 Acq On : 19 Jun 2023 13:41
 Operator : KP/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:24:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70558	43.393	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.780%		
35) Dibromofluoromethane	7.804	113	75104	46.151	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.300%		
50) Toluene-d8	10.269	98	275203	44.591	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.180%		
62) 4-Bromofluorobenzene	12.575	95	88327	44.098	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	27187	22.046	ug/l	98
3) Chloromethane	2.146	50	50526	19.700	ug/l	92
4) Vinyl Chloride	2.275	62	57220	20.000	ug/l	99
5) Bromomethane	2.669	94	37507	20.162	ug/l	96
6) Chloroethane	2.822	64	40123	20.461	ug/l	98
7) Trichlorofluoromethane	3.163	101	47984	20.380	ug/l	95
8) Diethyl Ether	3.581	74	18192	20.530	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.963	101	33230	21.915	ug/l	98
10) Methyl Iodide	4.158	142	36480	20.293	ug/l	93
11) Tert butyl alcohol	5.057	59	13692	97.527	ug/l #	89
12) 1,1-Dichloroethene	3.928	96	29766	20.044	ug/l	85
13) Acrolein	3.787	56	15715	103.923	ug/l	97
14) Allyl chloride	4.552	41	54111	19.924	ug/l #	86
15) Acrylonitrile	5.246	53	44285	97.191	ug/l	95
16) Acetone	4.016	43	34300	88.645	ug/l #	80
17) Carbon Disulfide	4.263	76	75948	18.718	ug/l	99
18) Methyl Acetate	4.563	43	36830	20.654	ug/l #	81
19) Methyl tert-butyl Ether	5.316	73	80681	19.862	ug/l	97
20) Methylene Chloride	4.793	84	38531	11.837	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	34129	19.884	ug/l	88
22) Diisopropyl ether	6.216	45	115090	19.598	ug/l #	89
23) Vinyl Acetate	6.152	43	287824	98.880	ug/l #	85
24) 1,1-Dichloroethane	6.110	63	66531	20.288	ug/l	96
25) 2-Butanone	7.081	43	56616	94.601	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	51697	18.285	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	39664	19.094	ug/l	86
28) Bromochloromethane	7.422	49	21546	21.652	ug/l #	74
29) Tetrahydrofuran	7.440	42	39039	101.504	ug/l #	78
30) Chloroform	7.593	83	64329	19.812	ug/l	96
31) Cyclohexane	7.869	56	54537	20.846	ug/l #	83
32) 1,1,1-Trichloroethane	7.787	97	53204	20.270	ug/l	96
36) 1,1-Dichloropropene	8.004	75	47291	20.751	ug/l	96
37) Ethyl Acetate	7.169	43	28226	21.374	ug/l #	92
38) Carbon Tetrachloride	7.987	117	41909	20.575	ug/l	98
39) Methylcyclohexane	9.275	83	55367	20.703	ug/l #	87
40) Benzene	8.246	78	143741	20.683	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15771	21.149	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	39191	20.870	ug/l	93
43) Isopropyl Acetate	8.357	43	52497	20.998	ug/l #	84
44) Trichloroethene	9.022	130	36244	19.333	ug/l	83
45) 1,2-Dichloropropane	9.304	63	39019	20.708	ug/l	97
46) Dibromomethane	9.387	93	20786	20.592	ug/l	96
47) Bromodichloromethane	9.581	83	48635	20.134	ug/l #	91
48) Methyl methacrylate	9.381	41	23187	20.235	ug/l #	73
49) 1,4-Dioxane	9.387	88	5179	428.224	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	134781	105.464	ug/l	86
52) Toluene	10.328	92	90726	20.804	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	51375	20.960	ug/l	89
54) cis-1,3-Dichloropropene	10.016	75	61030	21.001	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	28998	20.538	ug/l	95
56) Ethyl methacrylate	10.592	69	38251	20.748	ug/l #	70
57) 1,3-Dichloropropane	10.875	76	48477	20.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	85493	109.381	ug/l	92
59) 2-Hexanone	10.922	43	92041	103.537	ug/l	80
60) Dibromochloromethane	11.075	129	33358	20.301	ug/l	95
61) 1,2-Dibromoethane	11.181	107	28062	21.172	ug/l	99
64) Tetrachloroethene	10.810	164	32111	21.478	ug/l	93
65) Chlorobenzene	11.604	112	99085	20.940	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	35860	21.191	ug/l	96
67) Ethyl Benzene	11.681	91	169682	20.238	ug/l	96
68) m/p-Xylenes	11.792	106	133945	40.926	ug/l	92
69) o-Xylene	12.116	106	62614	20.098	ug/l	89
70) Styrene	12.134	104	107192	19.918	ug/l	93
71) Bromoform	12.298	173	21068	20.735	ug/l #	96
73) Isopropylbenzene	12.422	105	165873	20.084	ug/l	97
74) N-amyl acetate	12.234	43	48300	19.976	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	36272	21.283	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	22468m	18.455	ug/l	
77) Bromobenzene	12.698	156	39183	19.230	ug/l	85
78) n-propylbenzene	12.763	91	203345	19.940	ug/l	97
79) 2-Chlorotoluene	12.851	91	110091	19.659	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	138655	20.557	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10672	19.208	ug/l	89
82) 4-Chlorotoluene	12.945	91	115425	19.847	ug/l	97
83) tert-Butylbenzene	13.163	119	119428	19.928	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	136075	20.020	ug/l	99
85) sec-Butylbenzene	13.345	105	184062	20.696	ug/l	95
86) p-Isopropyltoluene	13.457	119	150229	20.216	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	80668	20.155	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	79874	20.010	ug/l	97
89) n-Butylbenzene	13.786	91	142122	19.608	ug/l	99
90) Hexachloroethane	14.051	117	28240	20.592	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	70286	20.096	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5331	20.781	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	46163	19.805	ug/l	99
94) Hexachlorobutadiene	15.198	225	23993	21.172	ug/l	99
95) Naphthalene	15.328	128	93378	20.034	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	44087	21.709	ug/l	96

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0619SBSD01

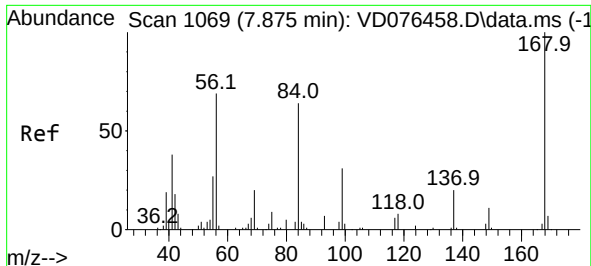
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

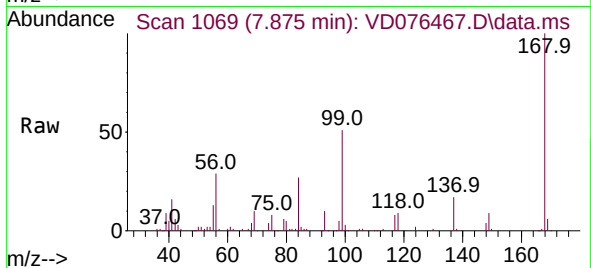
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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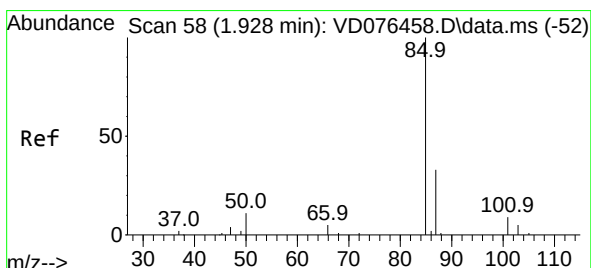
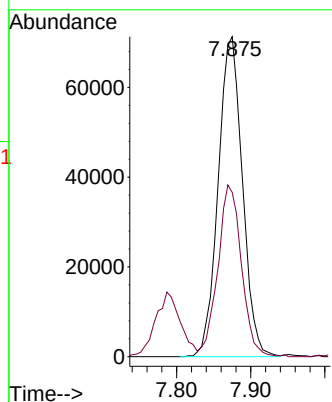
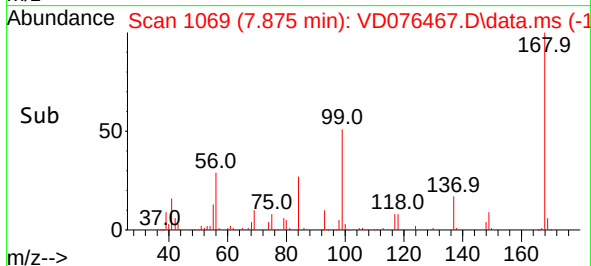
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:168 Resp: 162293
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1

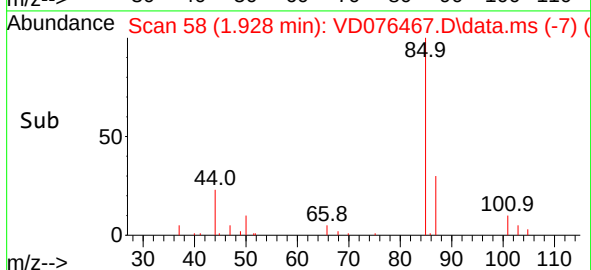
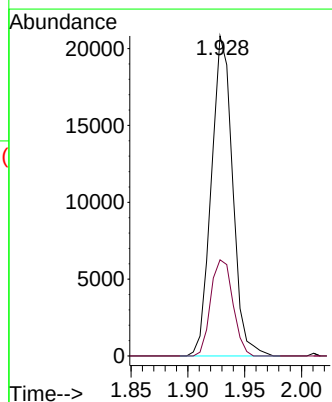
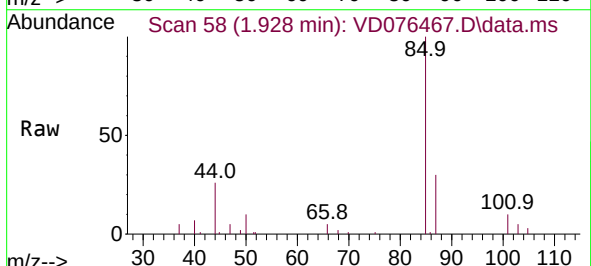
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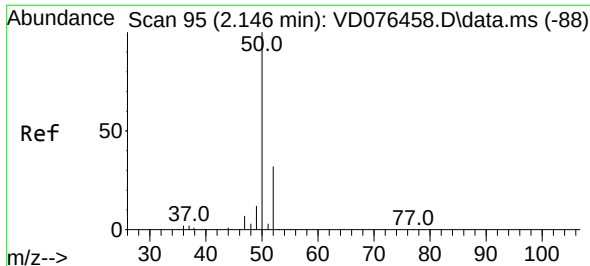
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#2
Dichlorodifluoromethane
Concen: 22.046 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 85 Resp: 27187
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0





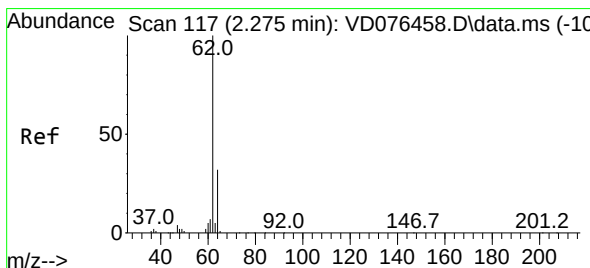
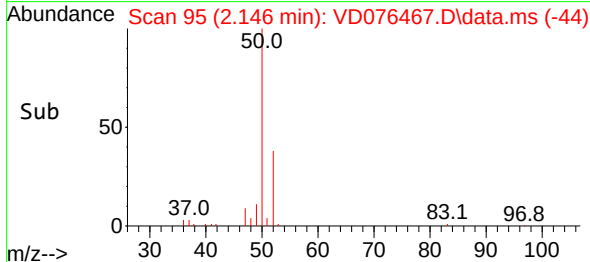
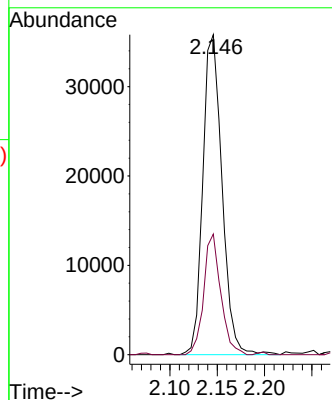
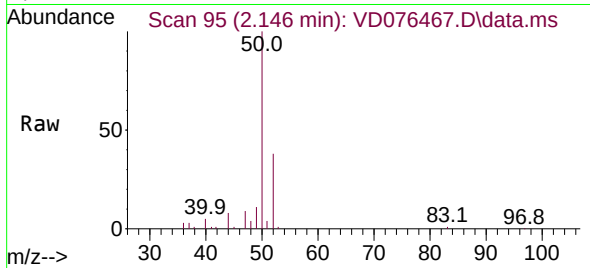
#3
Chloromethane
Concen: 19.700 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
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Tgt Ion: 50 Resp: 50520
Ion Ratio Lower Upper
50 100
52 37.7 26.6 40.0

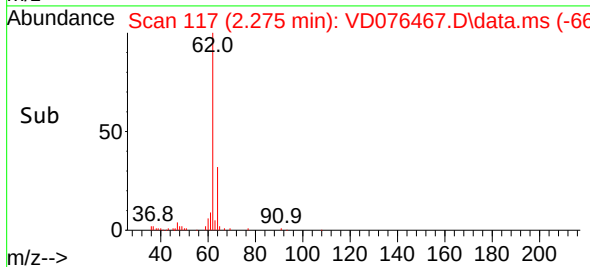
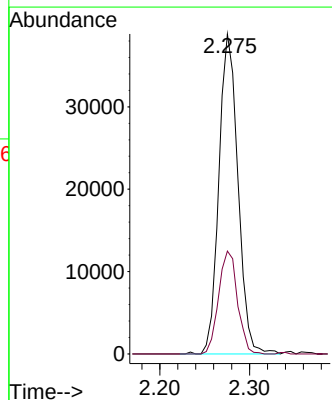
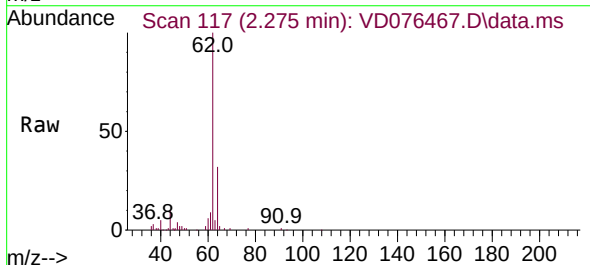
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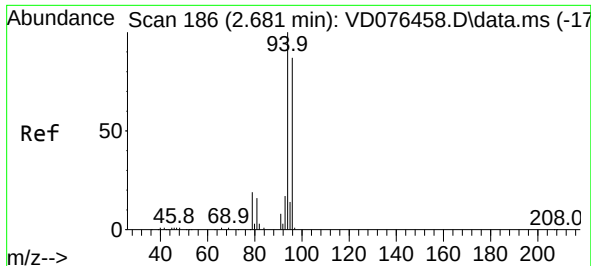
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#4
Vinyl Chloride
Concen: 20.000 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

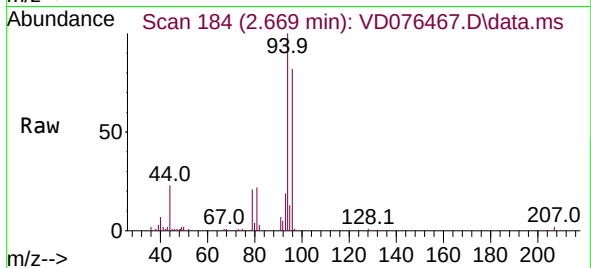
Tgt Ion: 62 Resp: 57220
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 20.162 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

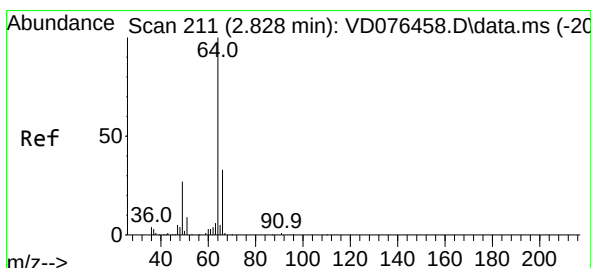
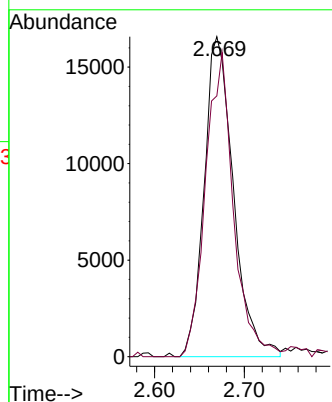
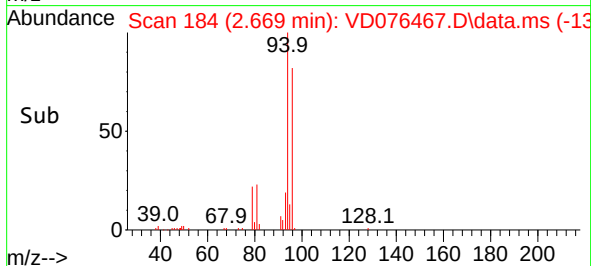
Instrument :
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Tgt Ion: 94 Resp: 3750
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.8

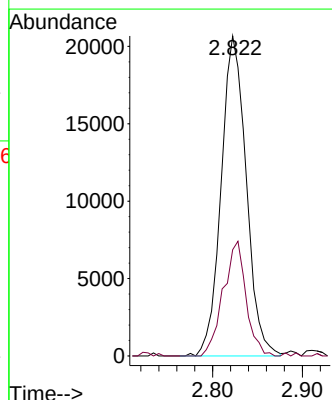
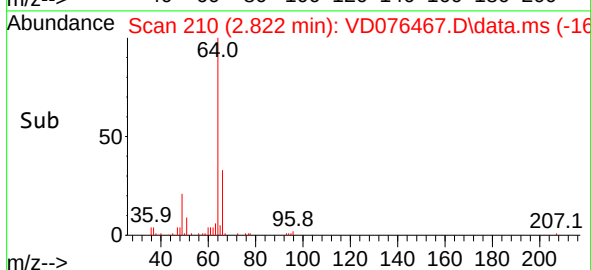
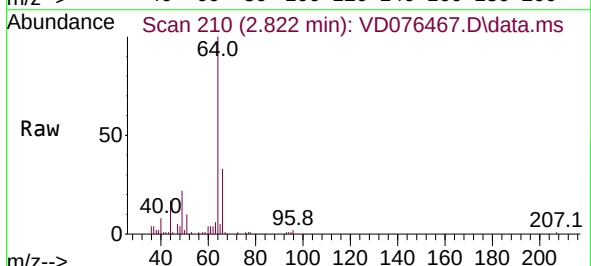
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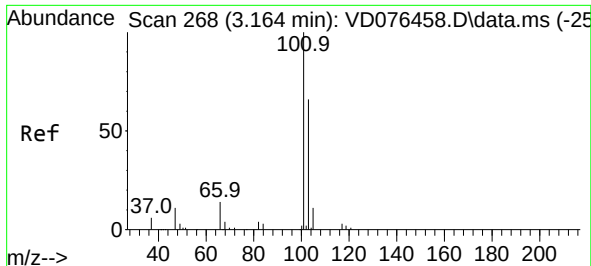
Reviewed By :John Carlone 06/20/2023
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#6
Chloroethane
Concen: 20.461 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 64 Resp: 40123
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3





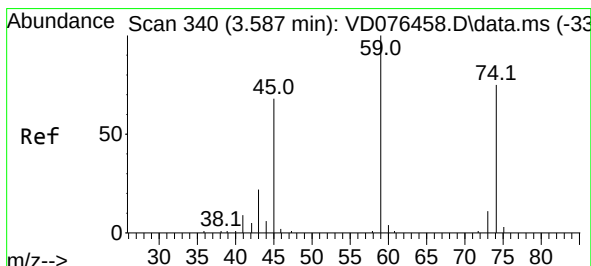
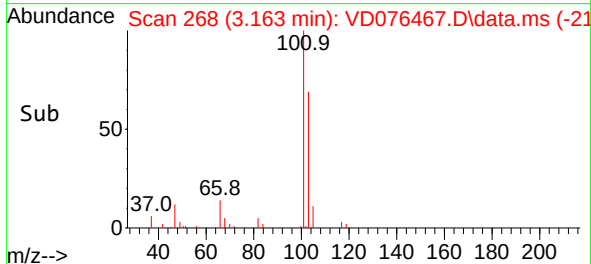
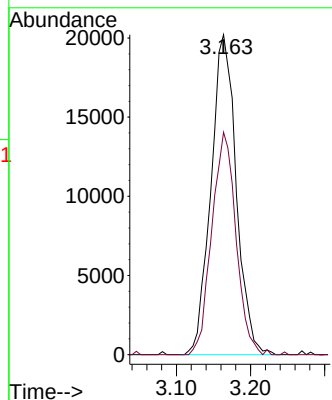
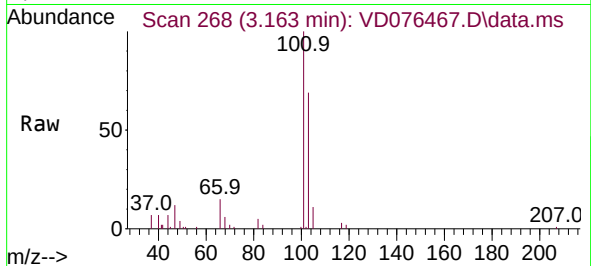
#7
Trichlorofluoromethane
Concen: 20.380 ug/l
RT: 3.163 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion:101 Resp: 47984
Ion Ratio Lower Upper
101 100
103 69.5 52.3 78.5

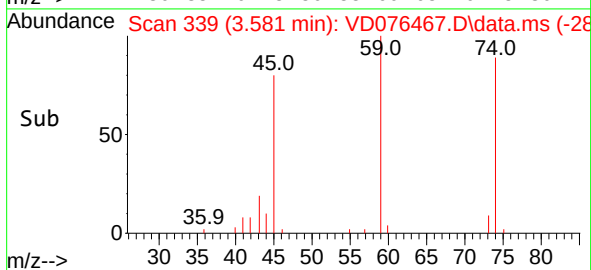
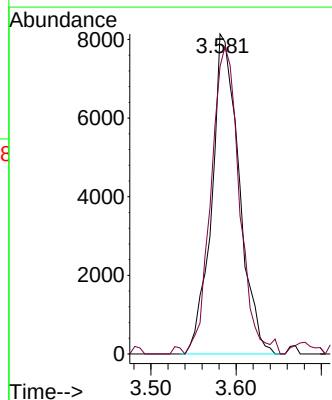
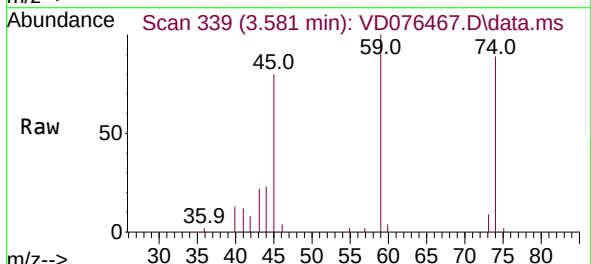
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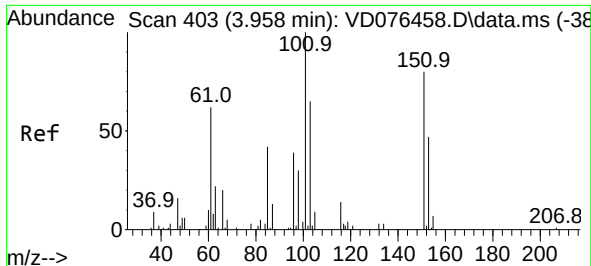
Reviewed By :John Carlone 06/20/2023
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#8
Diethyl Ether
Concen: 20.530 ug/l
RT: 3.581 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 74 Resp: 18192
Ion Ratio Lower Upper
74 100
45 99.9 37.5 112.7





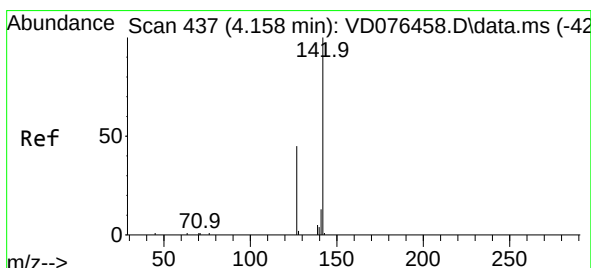
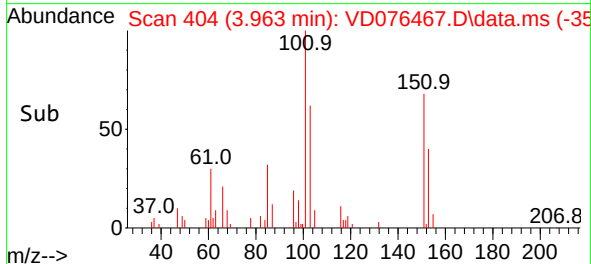
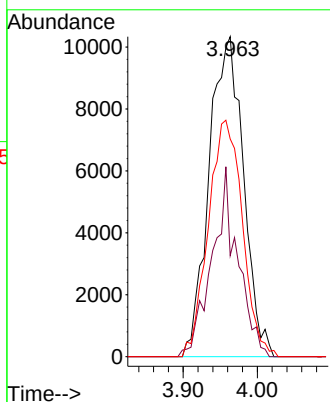
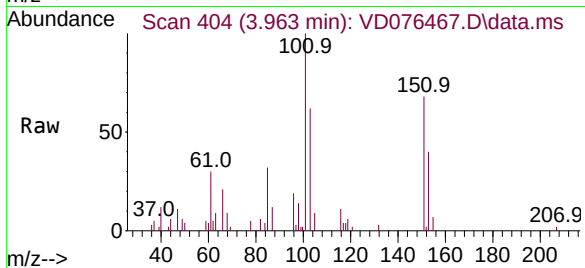
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.915 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion:101 Resp: 33230
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 73.4 59.8 89.6

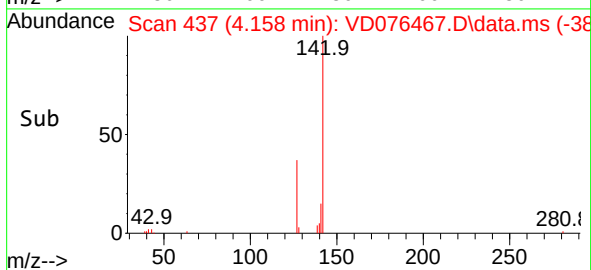
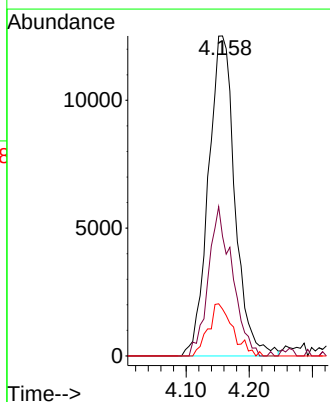
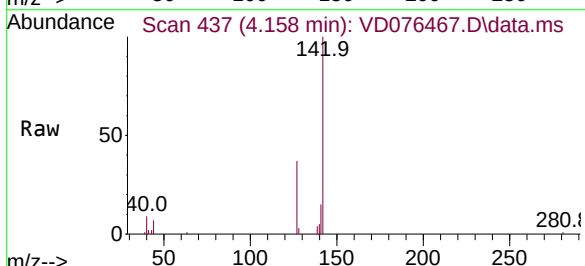
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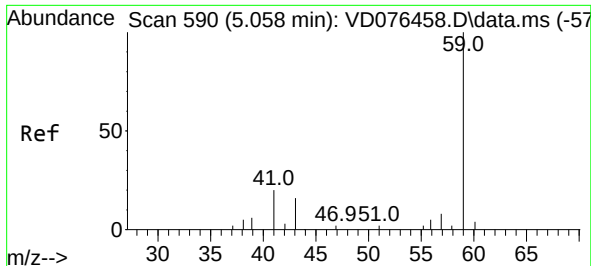
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#10
Methyl Iodide
Concen: 20.293 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion:142 Resp: 36480
Ion Ratio Lower Upper
142 100
127 42.1 29.4 44.0
141 15.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 97.527 ug/l

RT: 5.057 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 59 Resp: 13692

Ion Ratio Lower Upper

59 100

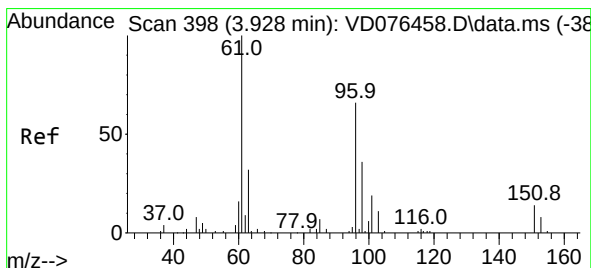
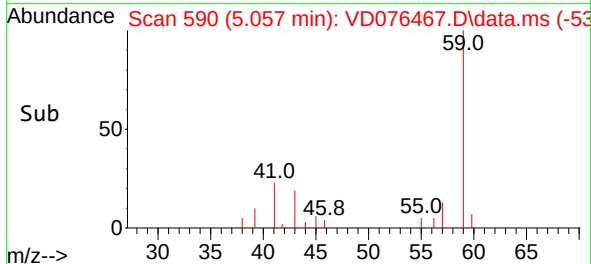
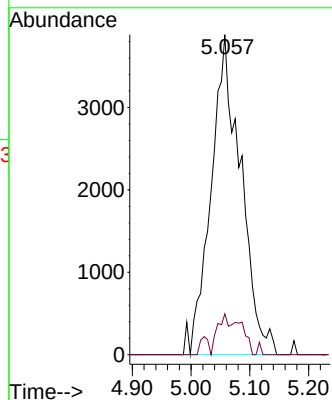
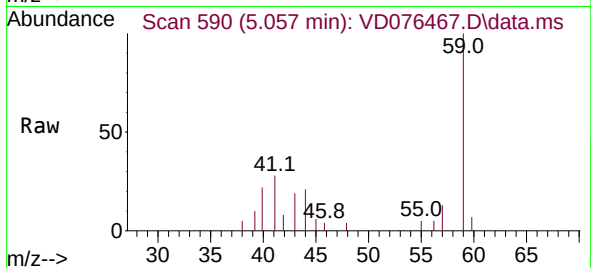
57 5.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#12

1,1-Dichloroethene

Concen: 20.044 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

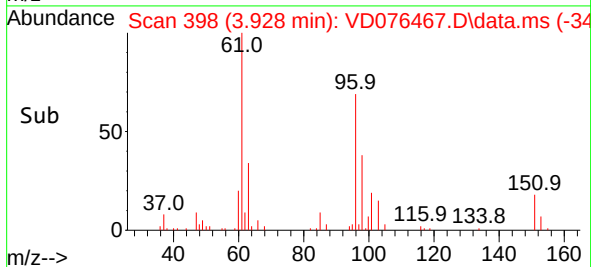
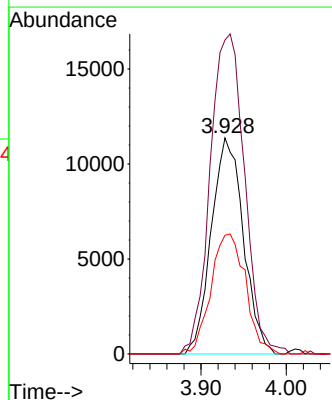
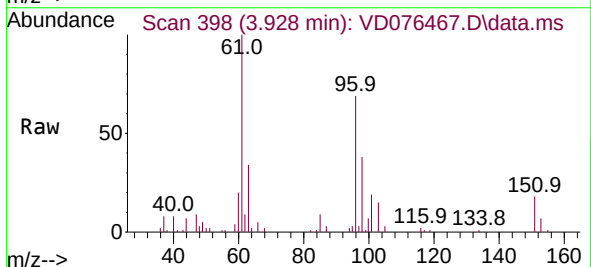
Tgt Ion: 96 Resp: 29766

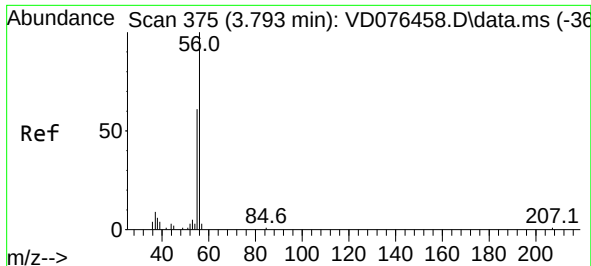
Ion Ratio Lower Upper

96 100

61 145.3 100.6 150.8

98 55.0 50.2 75.2





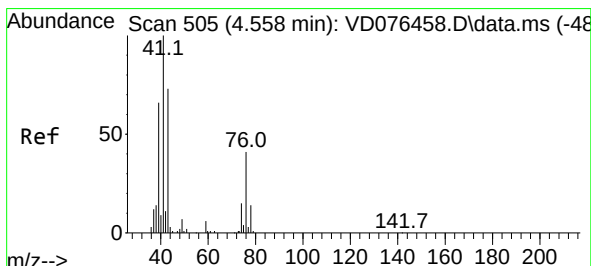
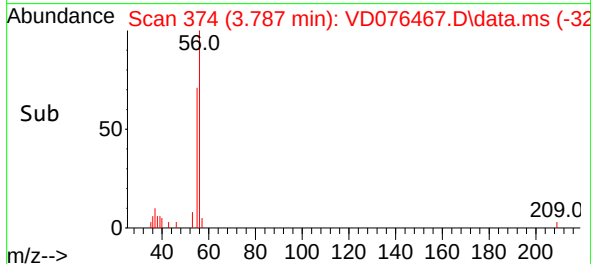
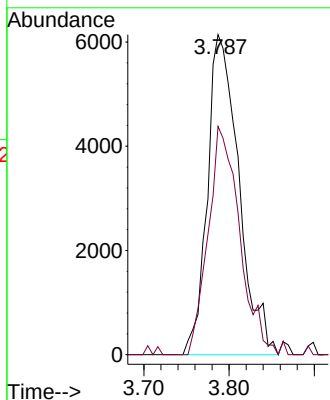
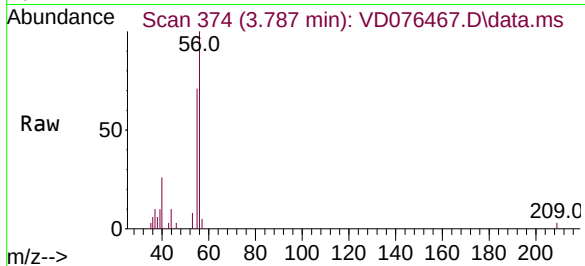
#13
Acrolein
Concen: 103.923 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion: 56 Resp: 1571
Ion Ratio Lower Upper
56 100
55 71.4 55.1 82.7

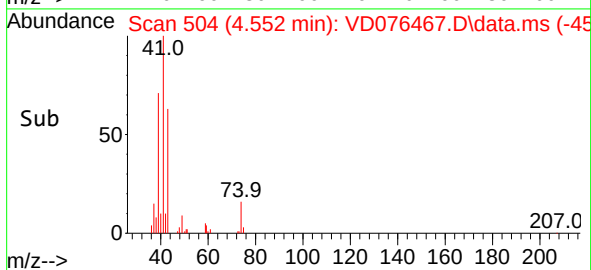
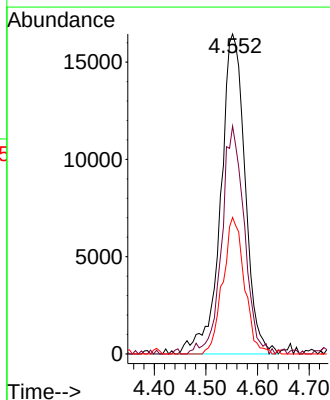
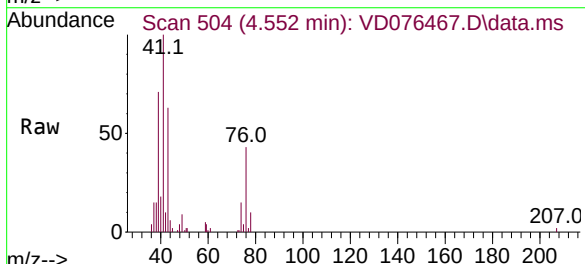
Manual Integrations
APPROVED

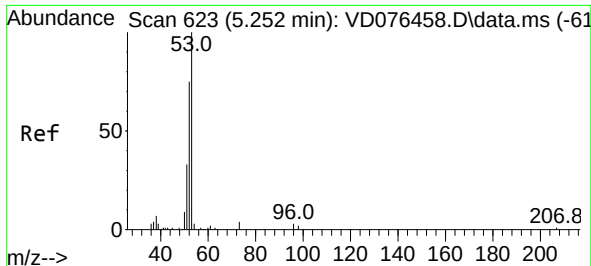
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#14
Allyl chloride
Concen: 19.924 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

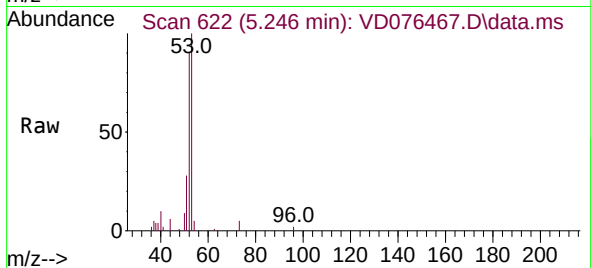
Tgt Ion: 41 Resp: 54111
Ion Ratio Lower Upper
41 100
39 64.9 53.8 80.6
76 37.6 45.8 68.8





#15
Acrylonitrile
Concen: 97.191 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

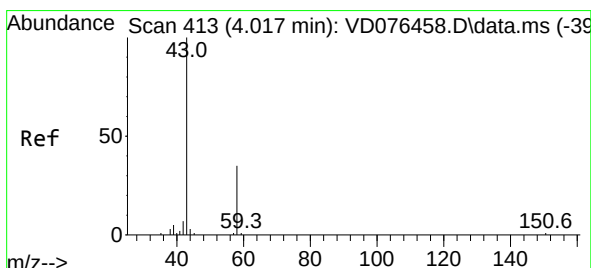
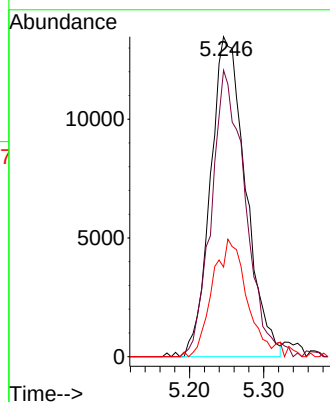
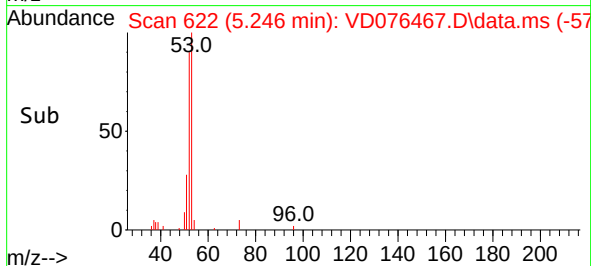
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 53 Resp: 4428
Ion Ratio Lower Upper
53 100
52 86.7 65.0 97.4
51 36.4 28.3 42.5

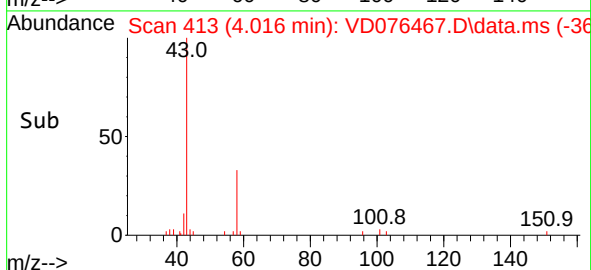
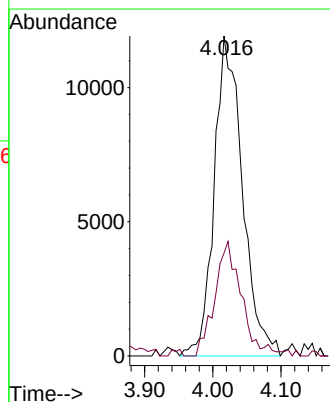
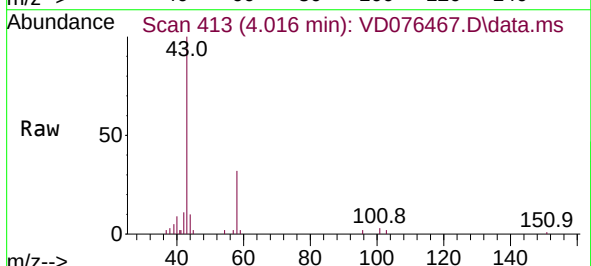
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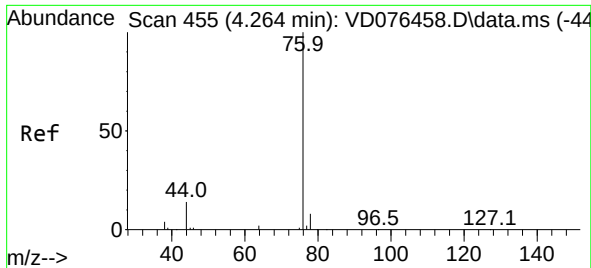
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#16
Acetone
Concen: 88.645 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 43 Resp: 34300
Ion Ratio Lower Upper
43 100
58 30.9 34.7 52.1#





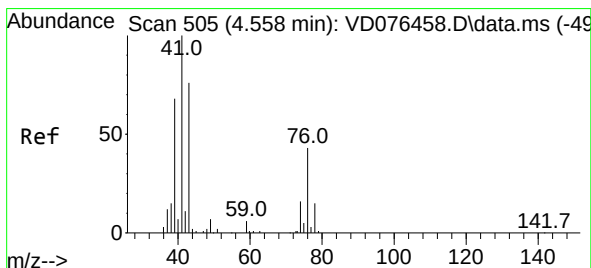
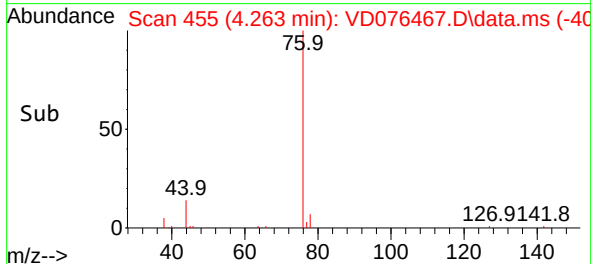
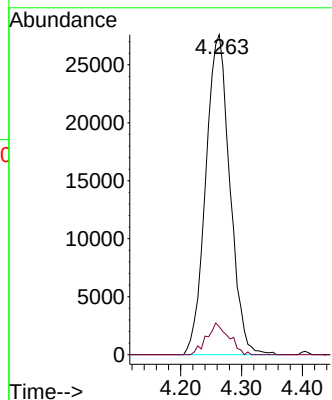
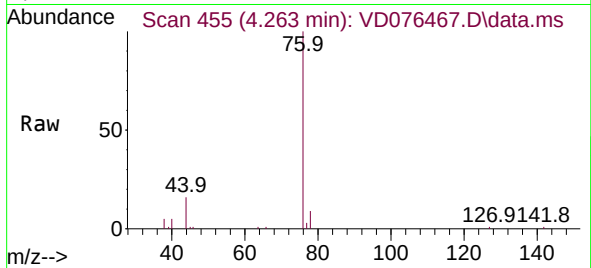
#17
Carbon Disulfide
Concen: 18.718 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 76 Resp: 75948
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

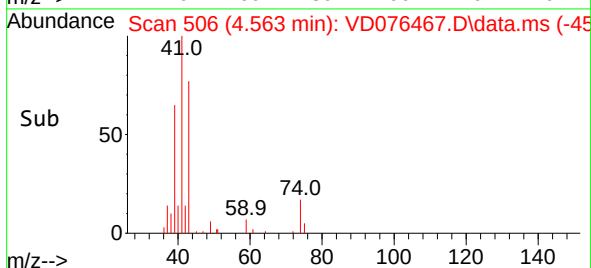
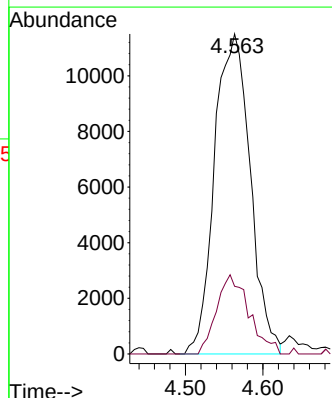
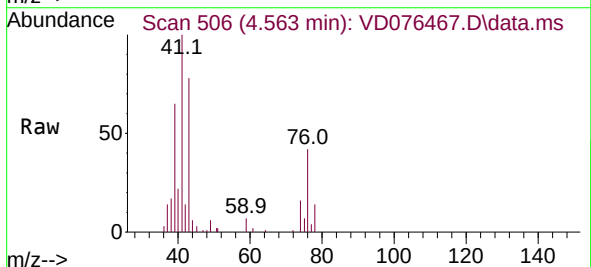
Manual Integrations
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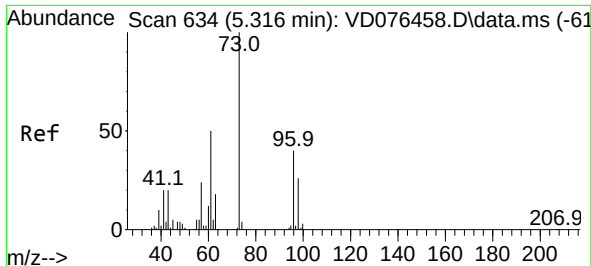
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#18
Methyl Acetate
Concen: 20.654 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 43 Resp: 36830
Ion Ratio Lower Upper
43 100
74 22.5 26.4 39.6#





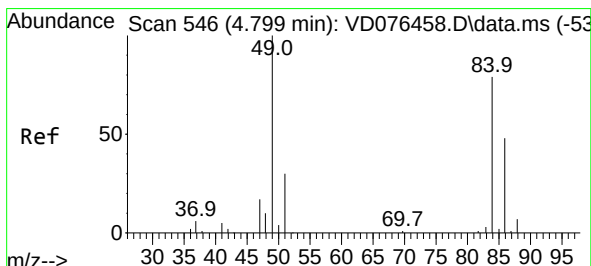
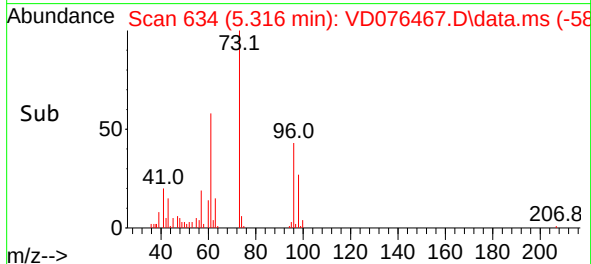
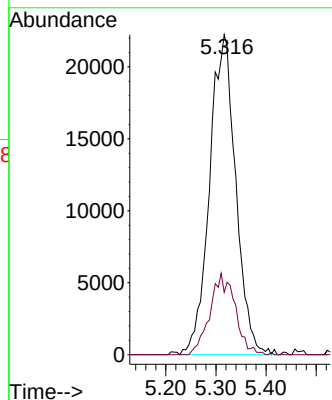
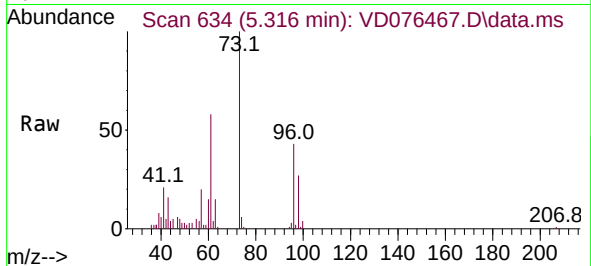
#19
Methyl tert-butyl Ether
Concen: 19.862 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 73 Resp: 8068
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0

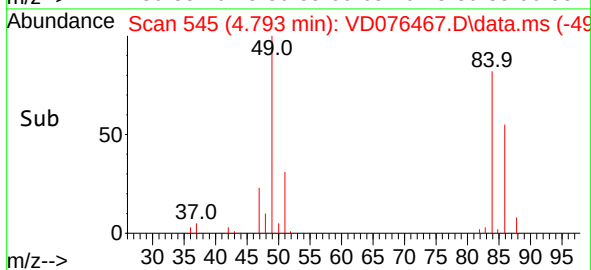
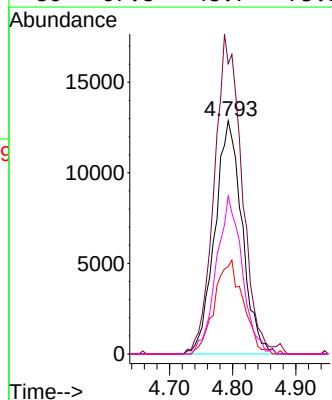
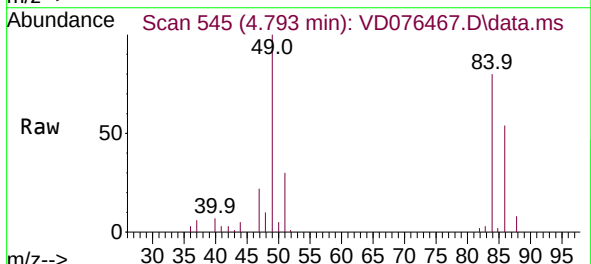
Manual Integrations
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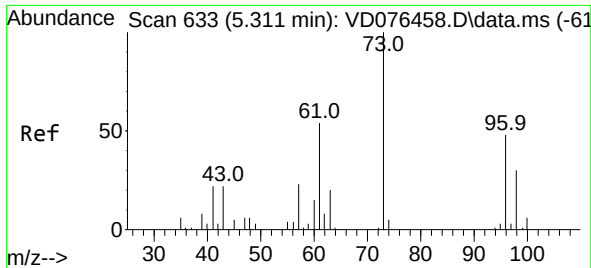
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#20
Methylene Chloride
Concen: 11.837 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

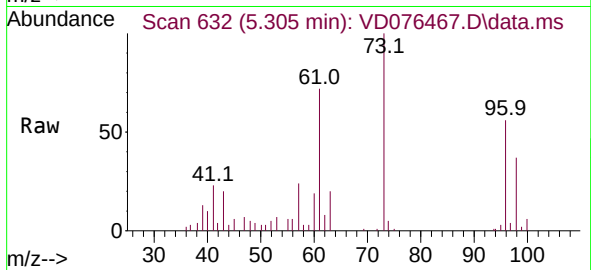
Tgt Ion: 84 Resp: 38531
Ion Ratio Lower Upper
84 100
49 124.5 71.4 107.2#
51 37.4 24.5 36.7#
86 67.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.884 ug/l
RT: 5.305 min Scan# 612
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

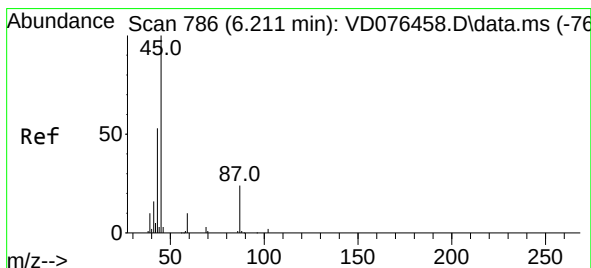
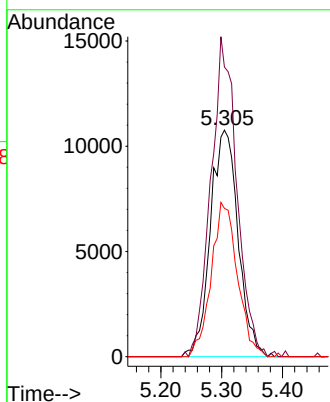
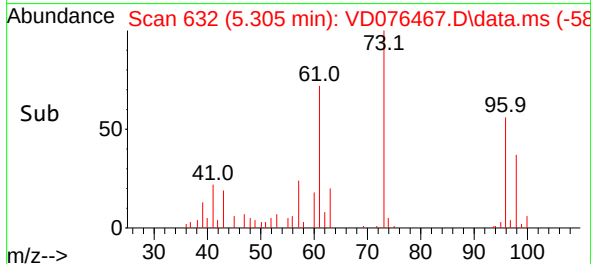
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 96 Resp: 34129
Ion Ratio Lower Upper
96 100
61 127.8 89.3 133.9
98 65.5 48.6 73.0

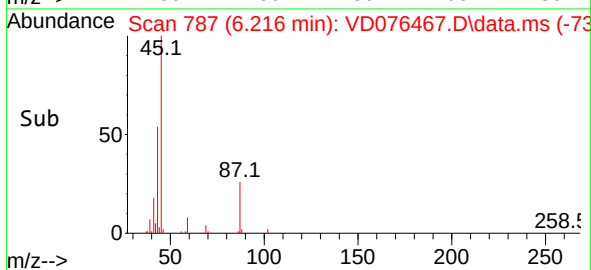
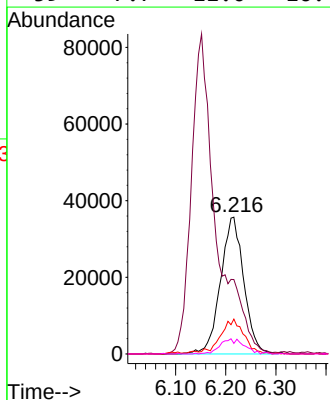
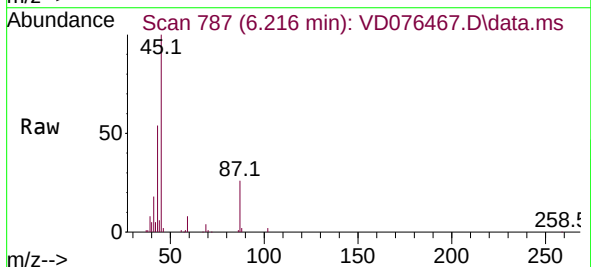
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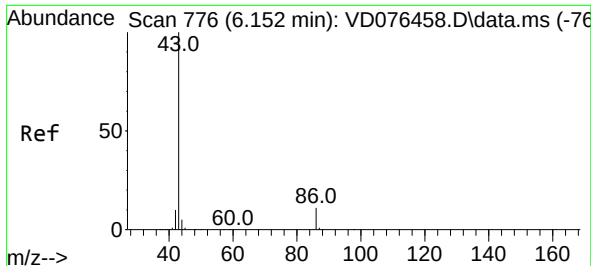
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#22
Diisopropyl ether
Concen: 19.598 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

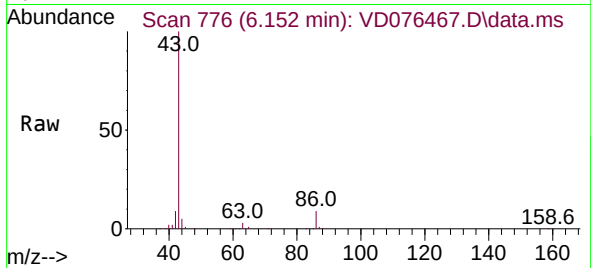
Tgt Ion: 45 Resp: 115090
Ion Ratio Lower Upper
45 100
43 53.4 40.0 60.0
87 25.0 28.2 42.4#
59 7.7 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 98.880 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076467.D
 Acq: 19 Jun 2023 13:41

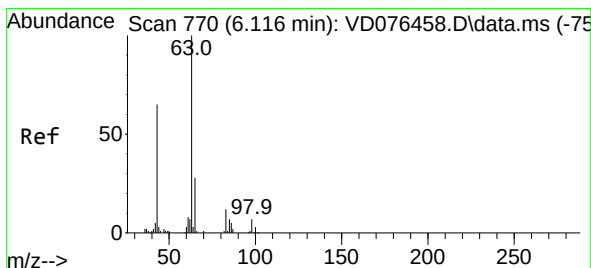
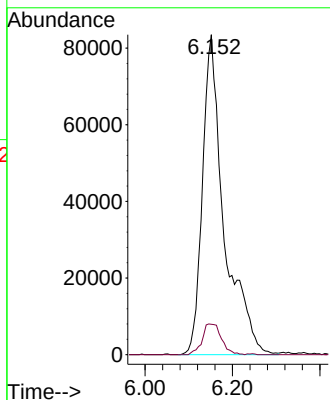
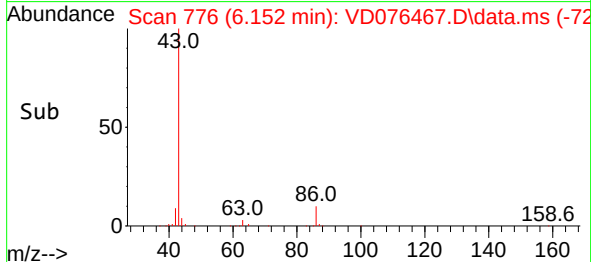
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01



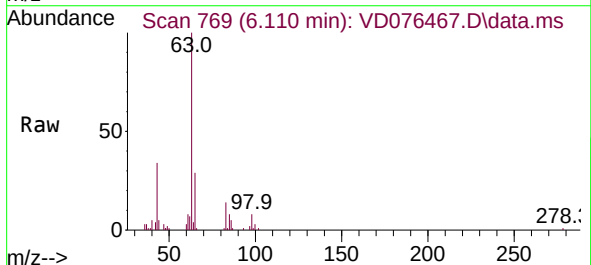
Tgt Ion: 43 Resp: 287824
 Ion Ratio Lower Upper
 43 100
 86 9.5 12.5 18.7

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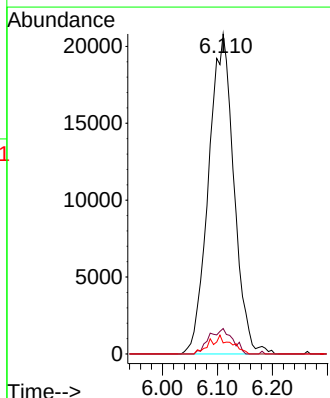
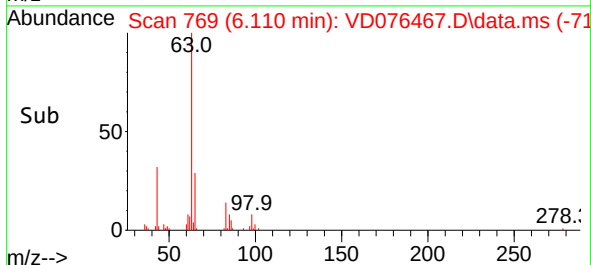
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023

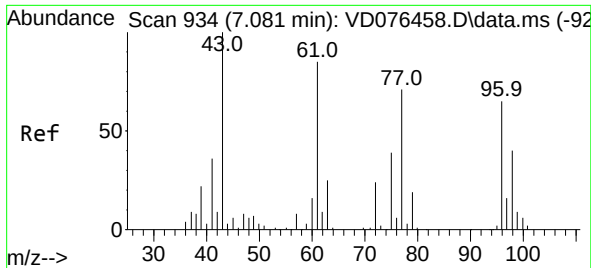


#24
 1,1-Dichloroethane
 Concen: 20.288 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD076467.D
 Acq: 19 Jun 2023 13:41



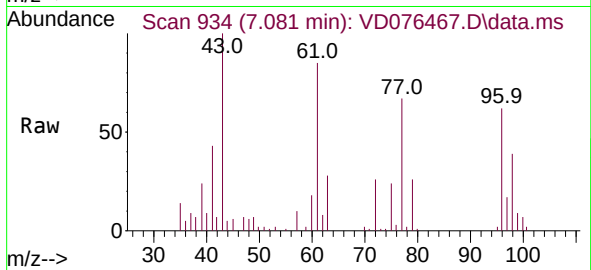
Tgt Ion: 63 Resp: 66531
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 3.5 2.5 7.5





#25
2-Butanone
Concen: 94.601 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

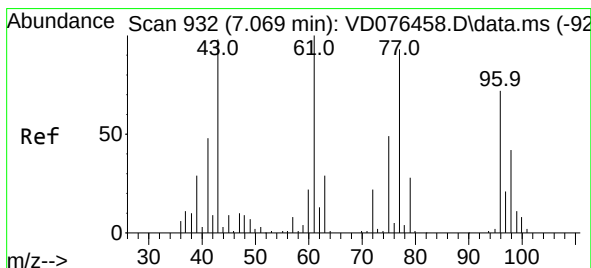
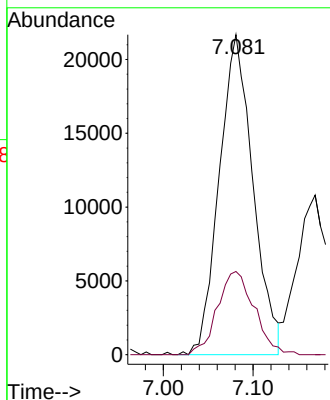
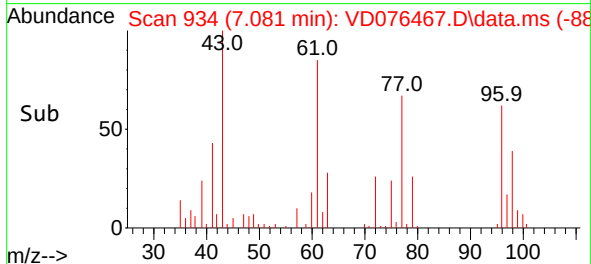
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



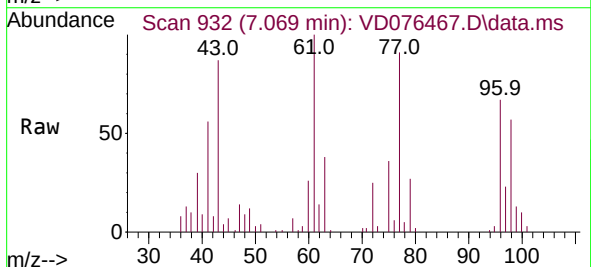
Tgt Ion: 43 Resp: 56610
Ion Ratio Lower Upper
43 100
72 26.0 30.7 46.1

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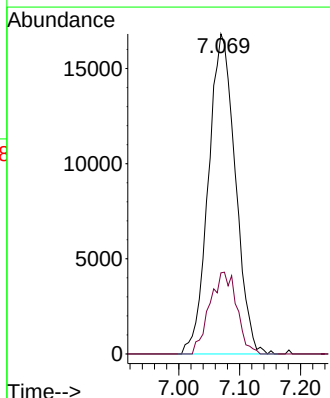
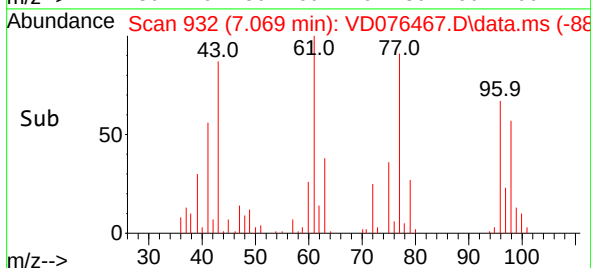
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

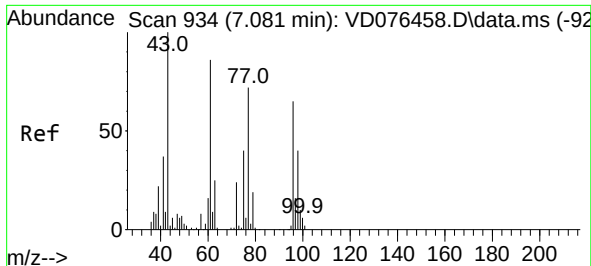


#26
2,2-Dichloropropane
Concen: 18.285 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



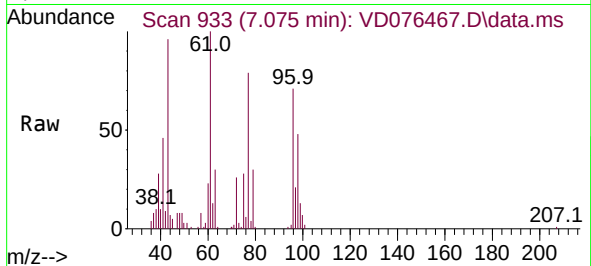
Tgt Ion: 77 Resp: 51697
Ion Ratio Lower Upper
77 100
97 25.7 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 19.094 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

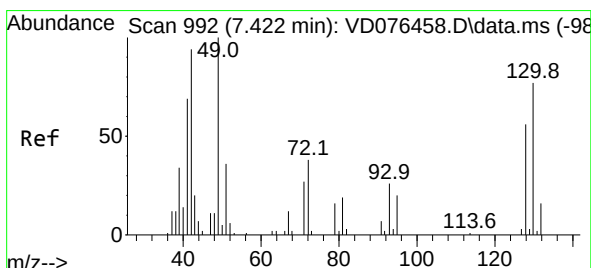
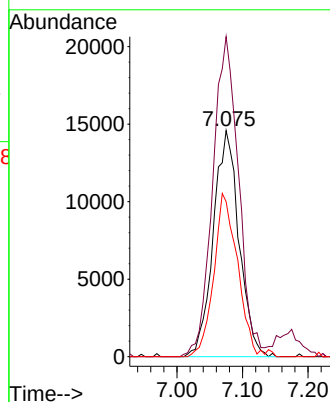
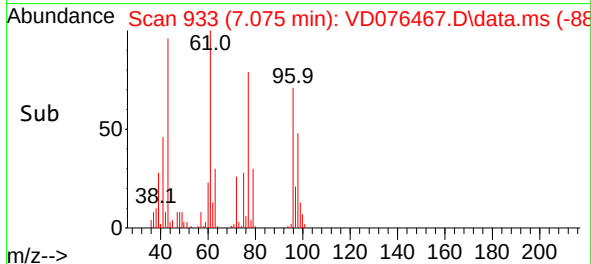
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 96 Resp: 3966
Ion Ratio Lower Upper
96 100
61 142.4 0.0 239.2
98 66.7 0.0 128.6

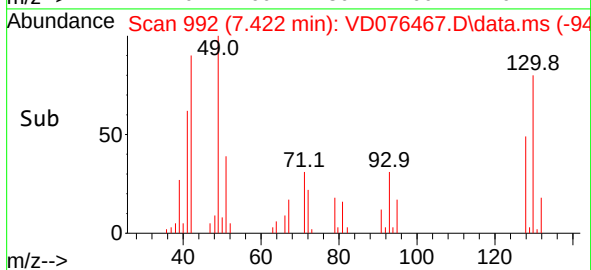
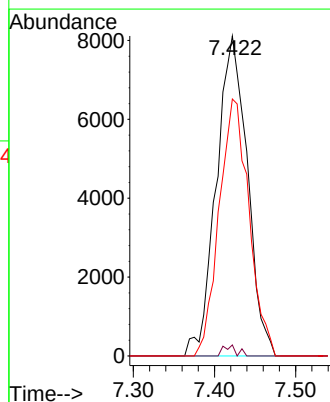
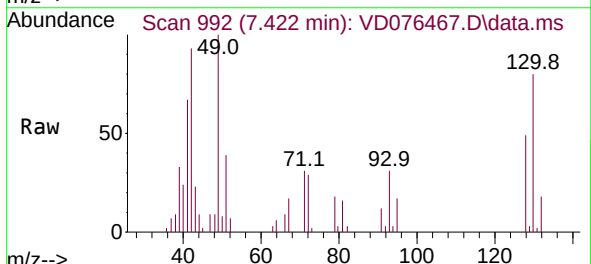
Manual Integrations
APPROVED

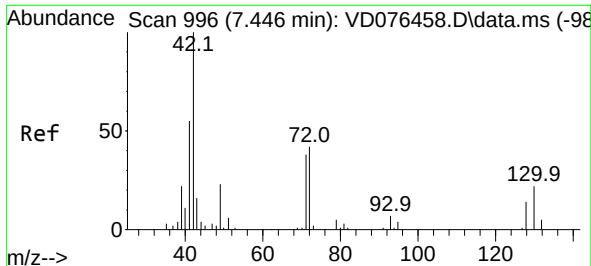
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#28
Bromochloromethane
Concen: 21.652 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

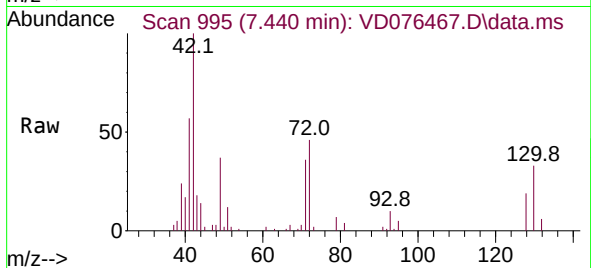
Tgt Ion: 49 Resp: 21546
Ion Ratio Lower Upper
49 100
129 1.4 0.0 6.0
130 77.3 83.2 124.8#





#29
Tetrahydrofuran
Concen: 101.504 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

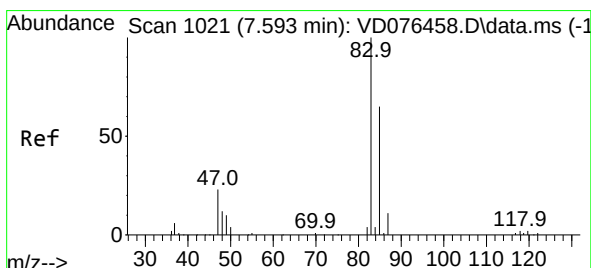
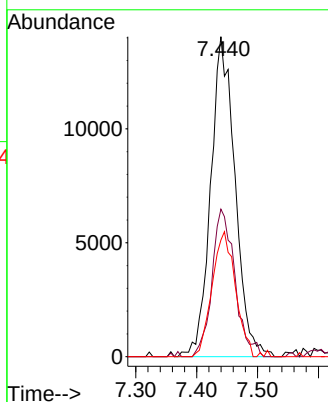
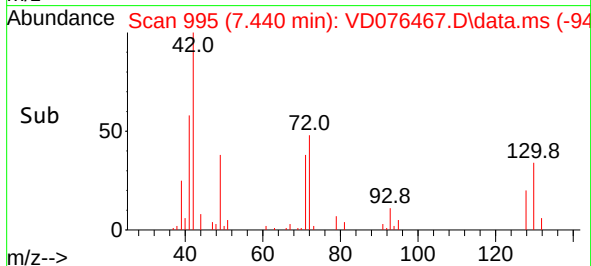
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 42 Resp: 39039
Ion Ratio Lower Upper
42 100
72 43.2 46.5 69.7
71 37.4 44.5 66.7

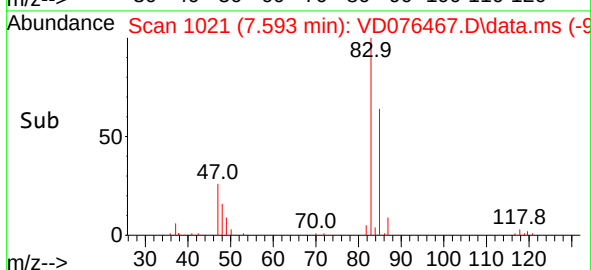
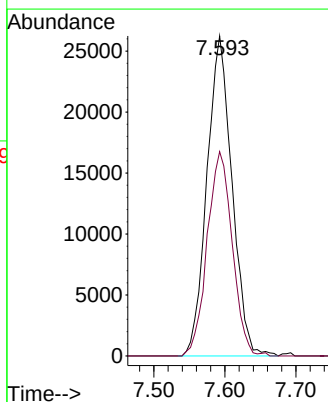
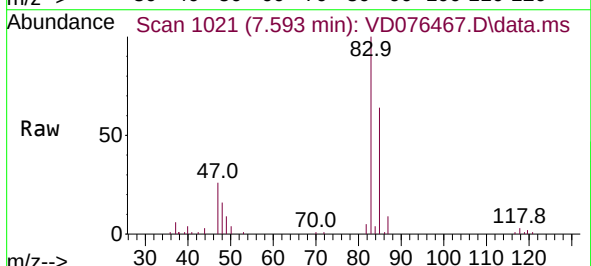
Manual Integrations
APPROVED

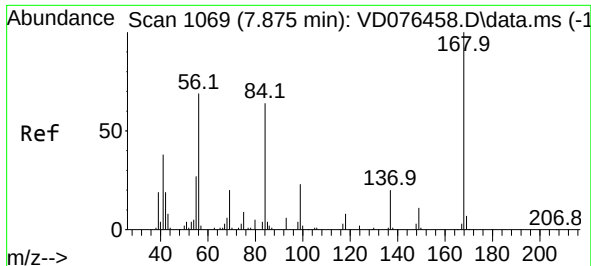
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#30
Chloroform
Concen: 19.812 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

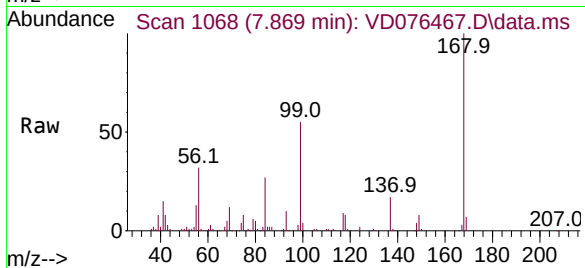
Tgt Ion: 83 Resp: 64329
Ion Ratio Lower Upper
83 100
85 63.9 53.4 80.2





#31
Cyclohexane
Concen: 20.846 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

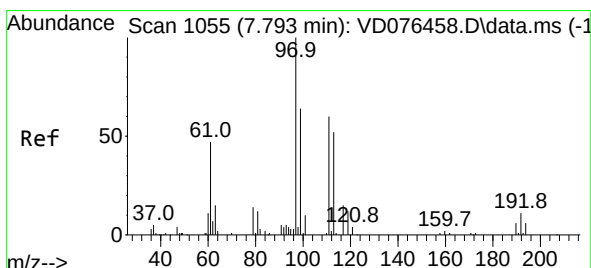
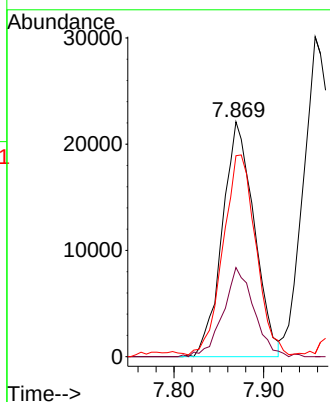
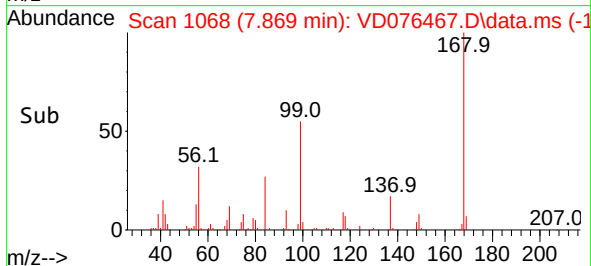
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 56 Resp: 5453
Ion Ratio Lower Upper
56 100
69 38.0 28.6 43.0
84 84.0 84.8 127.2

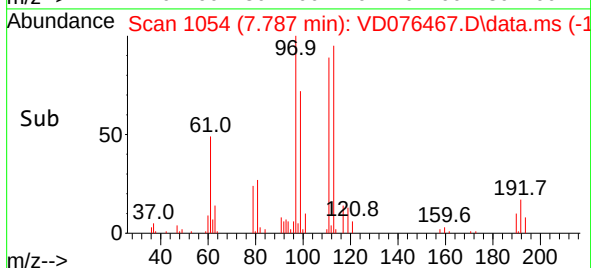
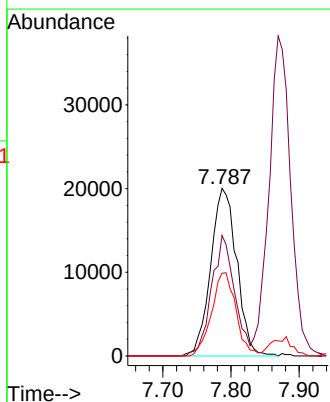
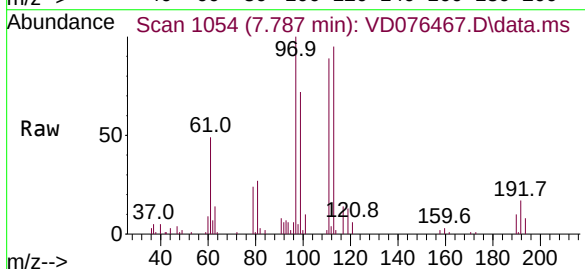
Manual Integrations
APPROVED

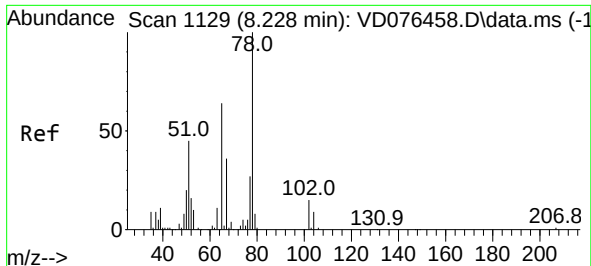
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#32
1,1,1-Trichloroethane
Concen: 20.270 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 97 Resp: 53204
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 46.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.393 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 65 Resp: 70558

Ion Ratio Lower Upper

65 100

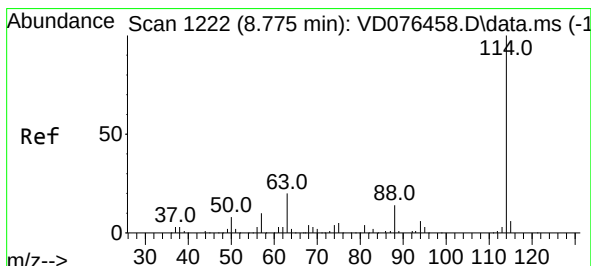
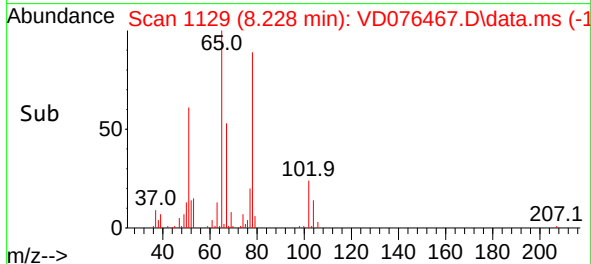
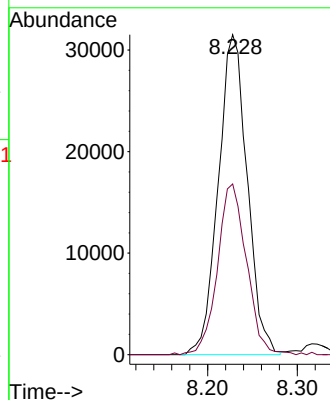
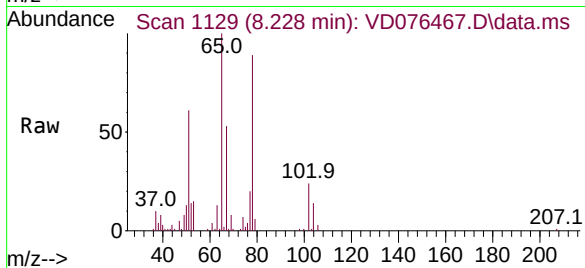
67 53.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

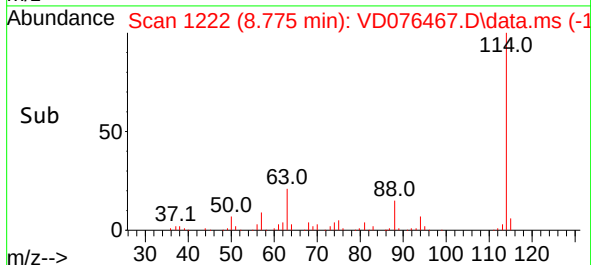
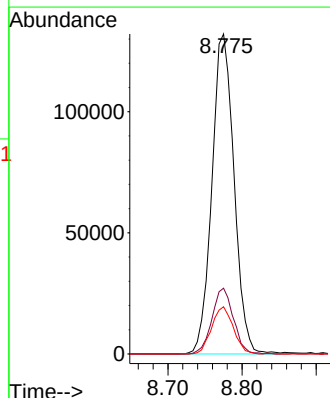
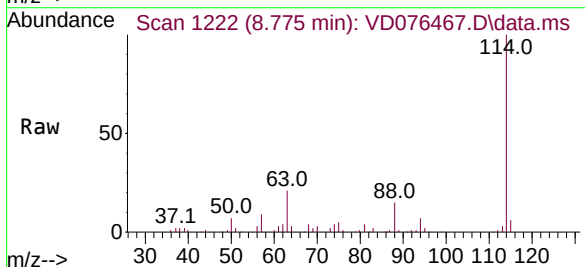
Tgt Ion:114 Resp: 273936

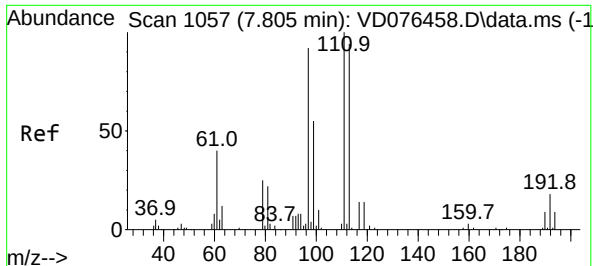
Ion Ratio Lower Upper

114 100

63 20.5 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.151 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 113 Resp: 75104

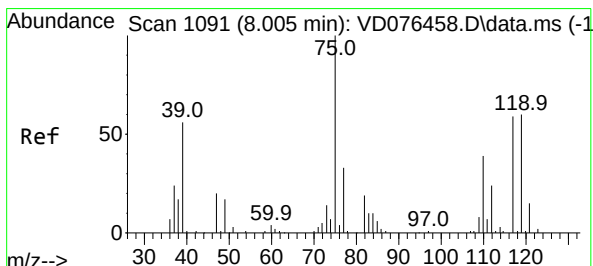
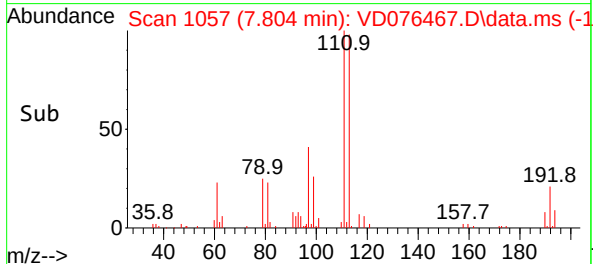
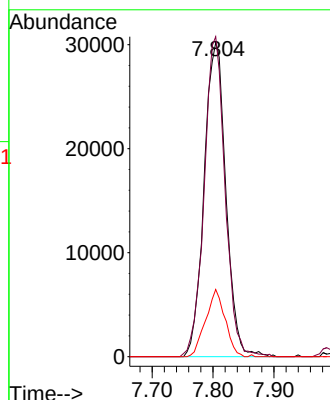
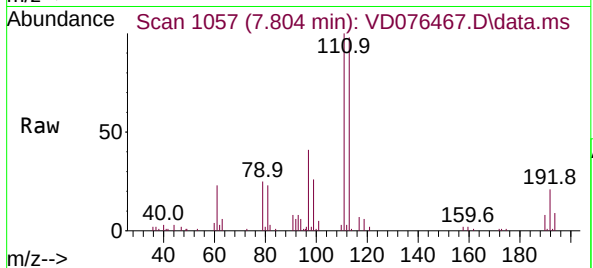
Ion	Ratio	Lower	Upper
113	100		
111	97.9	84.7	127.1
192	19.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/20/2023

Supervised By : Mahesh Dadoda 06/20/2023



#36

1,1-Dichloropropene

Concen: 20.751 ug/l

RT: 8.004 min Scan# 1091

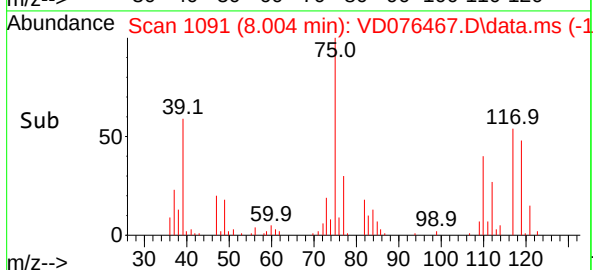
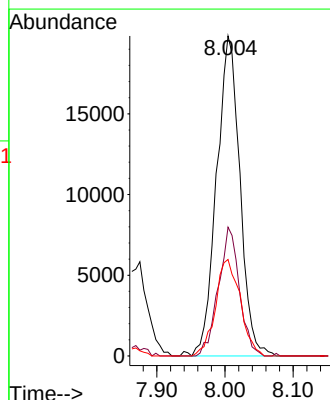
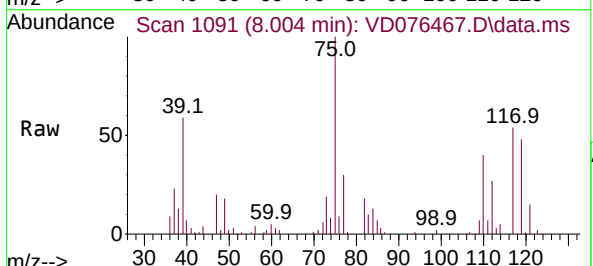
Delta R.T. -0.000 min

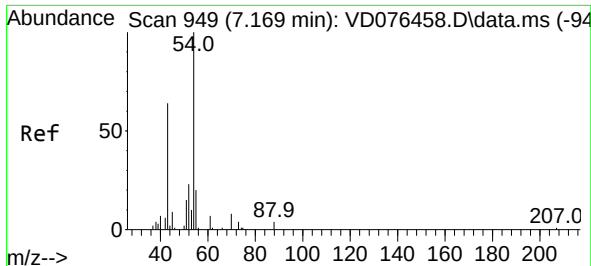
Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Tgt Ion: 75 Resp: 47291

Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.9	59.6
77	31.9	24.7	37.1





#37

Ethyl Acetate

Concen: 21.374 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD076467.D

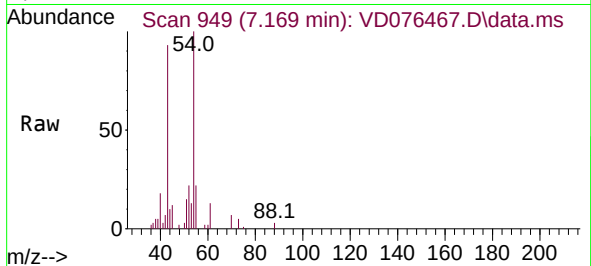
Acq: 19 Jun 2023 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBSD01



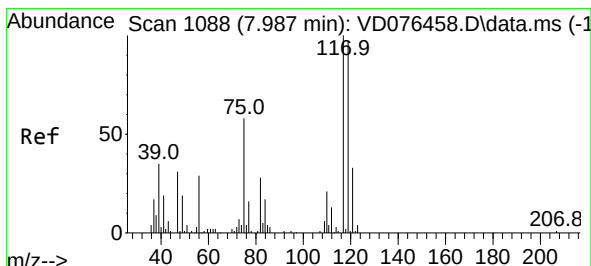
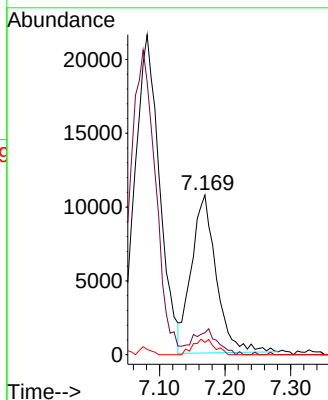
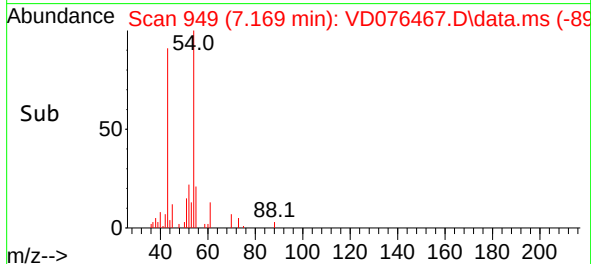
Tgt Ion:	43	Resp:	28220
Ion	Ratio	Lower	Upper
43	100		
61	15.7	14.9	22.3
70	8.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#38

Carbon Tetrachloride

Concen: 20.575 ug/l

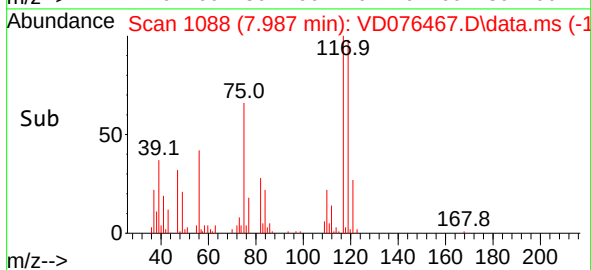
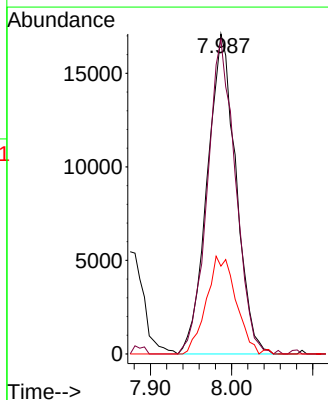
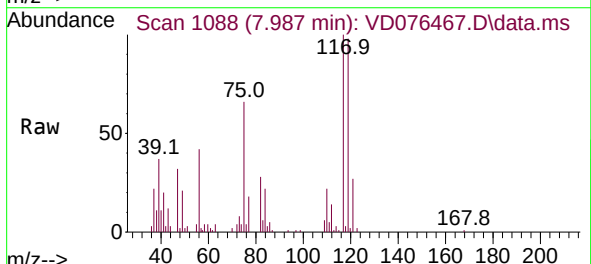
RT: 7.987 min Scan# 1088

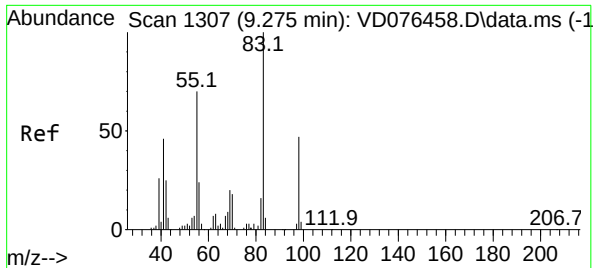
Delta R.T. -0.000 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

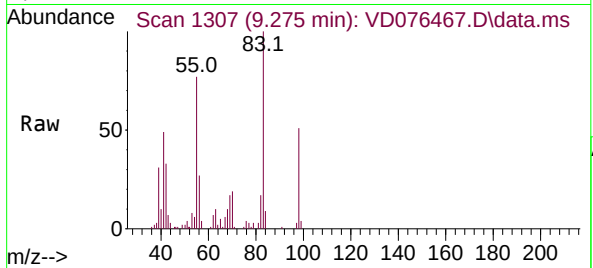
Tgt Ion:	117	Resp:	41909
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.0	117.0
121	27.5	24.2	36.2





#39
Methylcyclohexane
Concen: 20.703 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

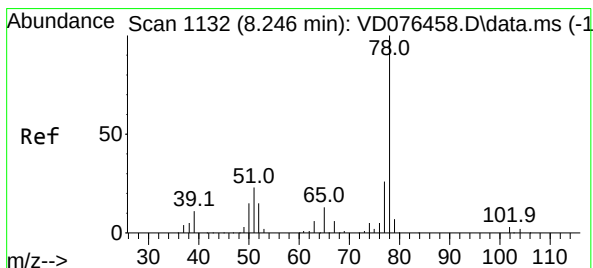
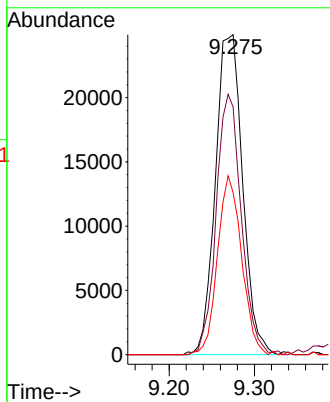
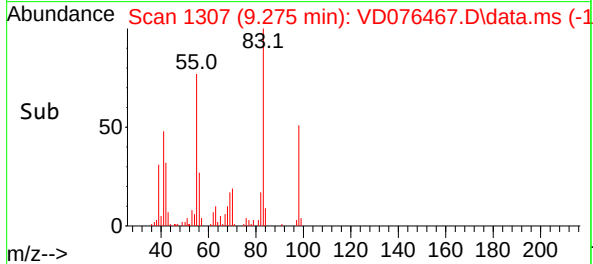
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 83 Resp: 5536
Ion Ratio Lower Upper
83 100
55 77.4 49.4 74.0
98 50.7 38.4 57.6

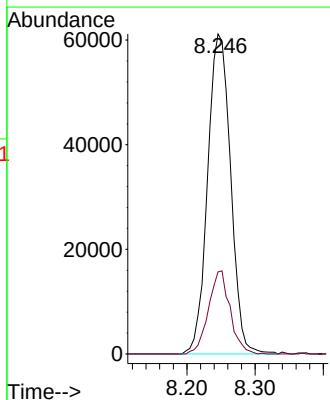
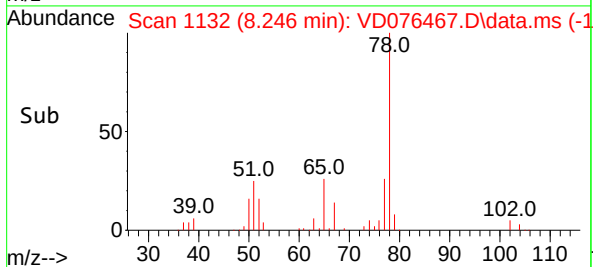
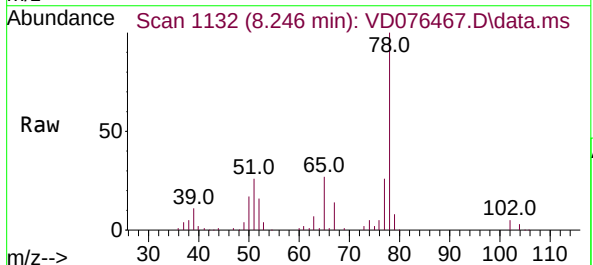
Manual Integrations
APPROVED

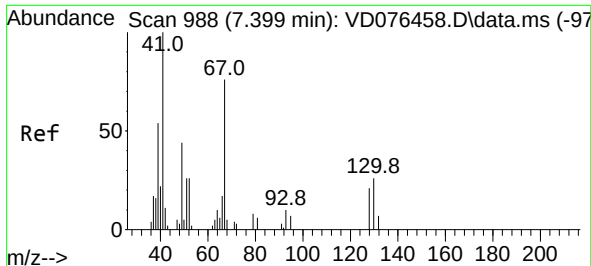
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#40
Benzene
Concen: 20.683 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

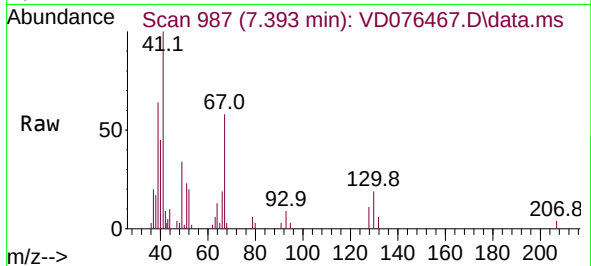
Tgt Ion: 78 Resp: 143741
Ion Ratio Lower Upper
78 100
77 25.6 19.4 29.0





#41
Methacrylonitrile
Concen: 21.149 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

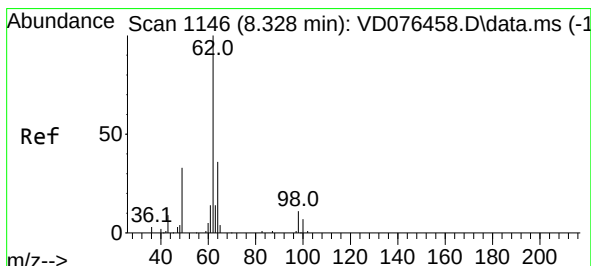
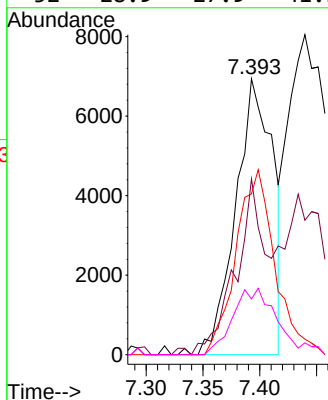
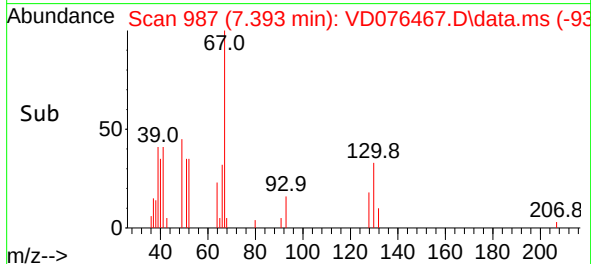
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 41 Resp: 1577
Ion Ratio Lower Upper
41 100
39 51.5 34.0 51.0
67 70.3 77.0 115.4
52 28.9 27.9 41.9

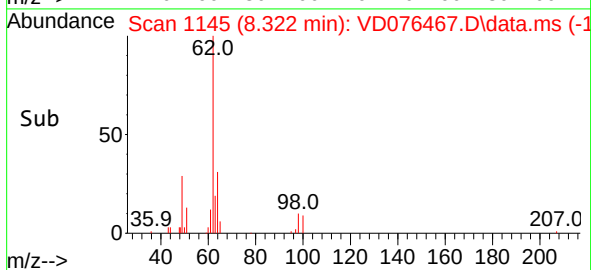
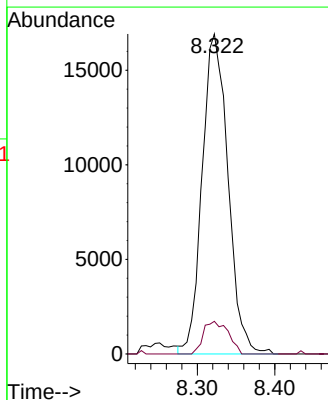
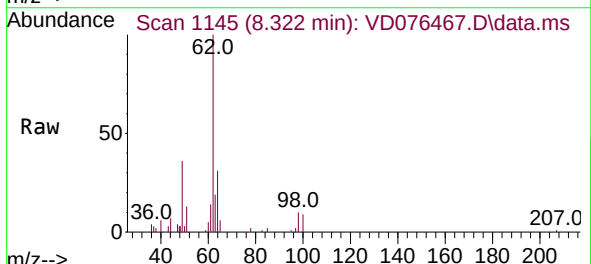
Manual Integrations
APPROVED

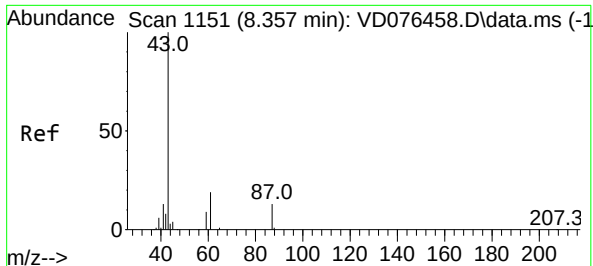
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#42
1,2-Dichloroethane
Concen: 20.870 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

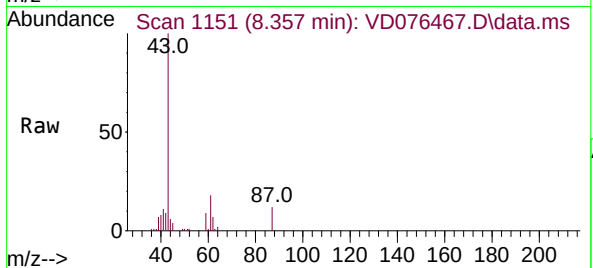
Tgt Ion: 62 Resp: 39191
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.998 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

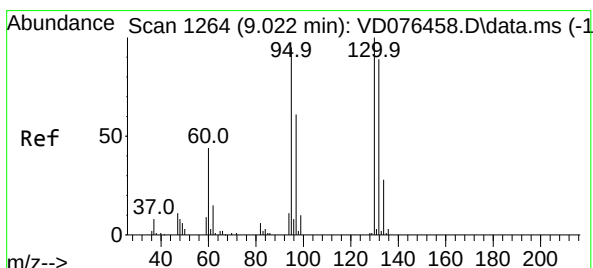
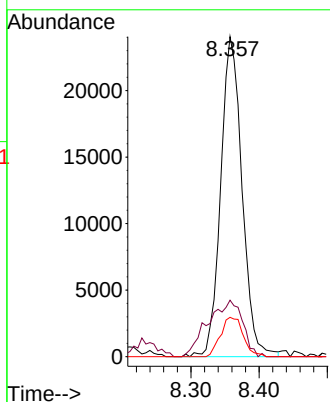
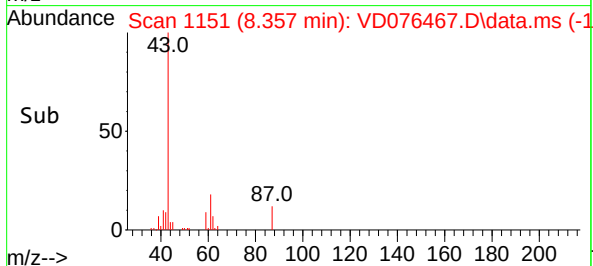
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 43 Resp: 5249
Ion Ratio Lower Upper
43 100
61 28.5 31.4 47.0
87 13.0 14.9 22.3

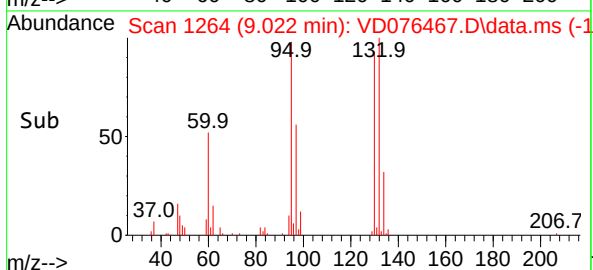
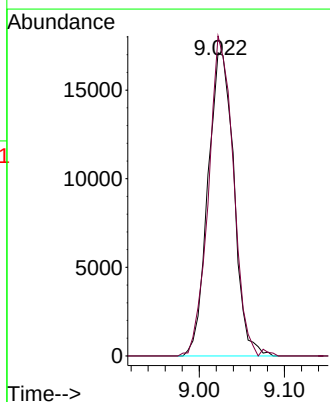
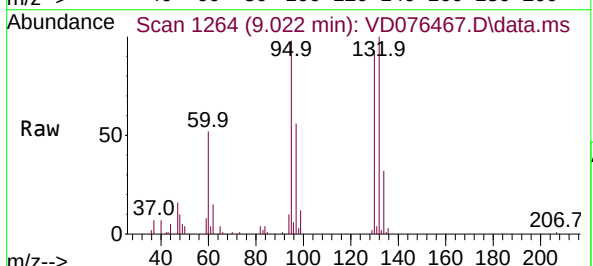
Manual Integrations
APPROVED

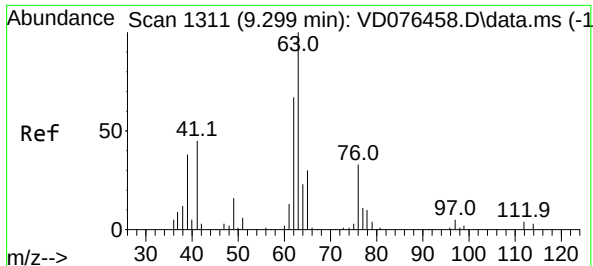
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#44
Trichloroethene
Concen: 19.333 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion:130 Resp: 36244
Ion Ratio Lower Upper
130 100
95 105.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.708 ug/l

RT: 9.304 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 63 Resp: 39019

Ion Ratio Lower Upper

63 100

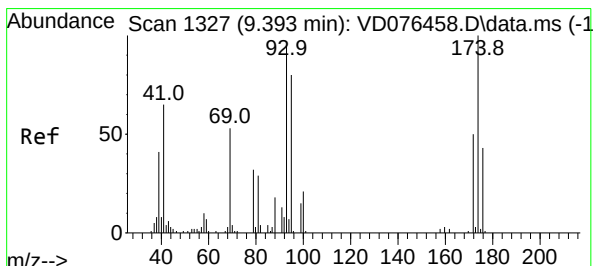
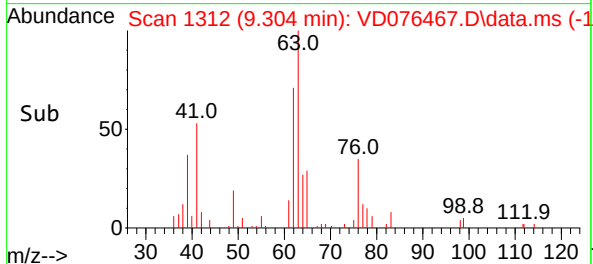
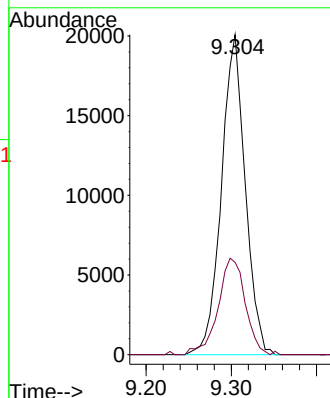
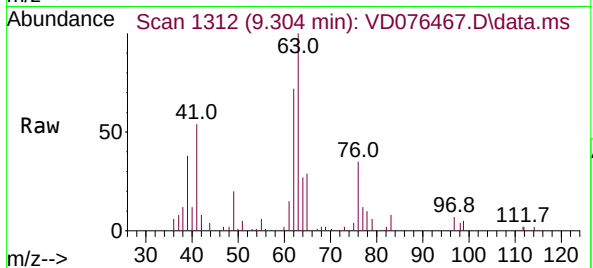
65 28.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#46

Dibromomethane

Concen: 20.592 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076467.D

Acq: 19 Jun 2023 13:41

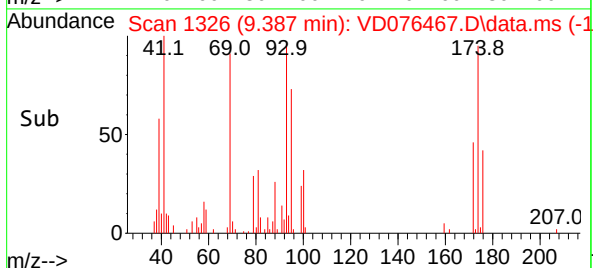
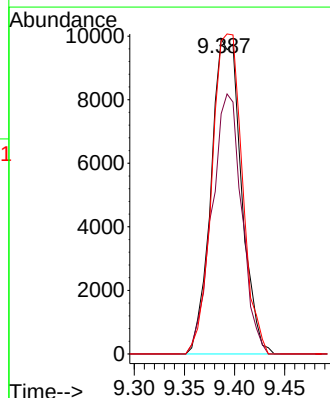
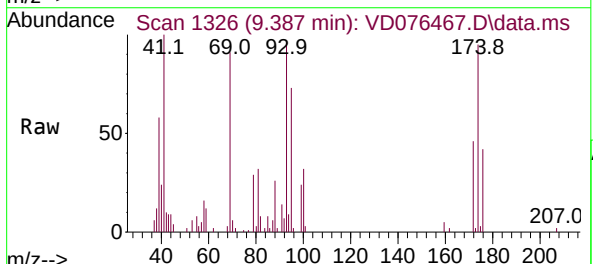
Tgt Ion: 93 Resp: 20786

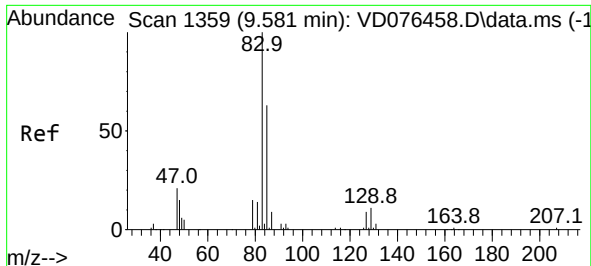
Ion Ratio Lower Upper

93 100

95 81.1 67.7 101.5

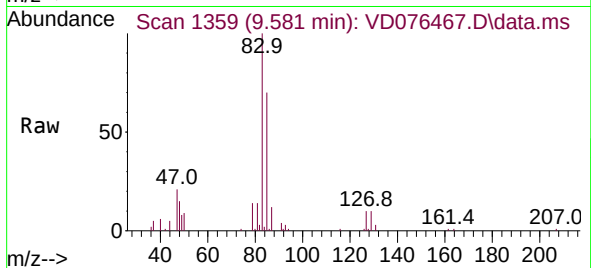
174 101.6 85.4 128.2





#47
Bromodichloromethane
Concen: 20.134 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

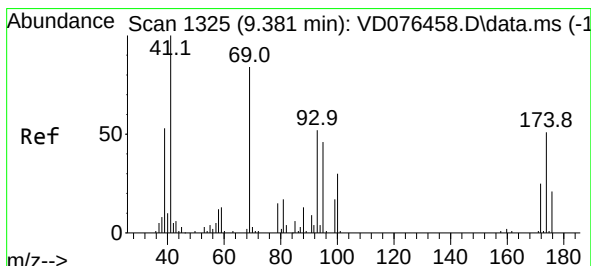
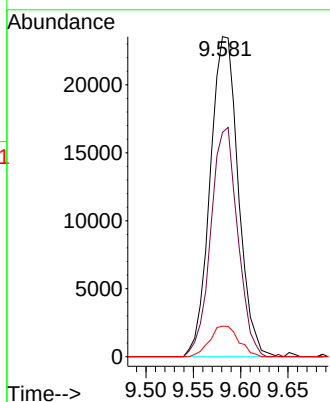
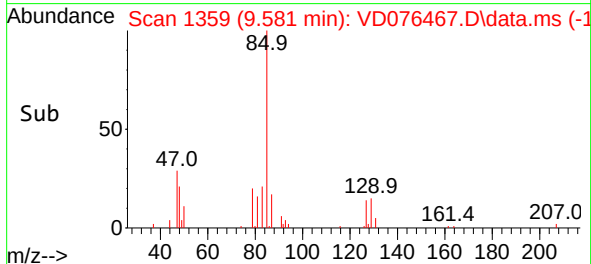
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 83 Resp: 4863
Ion Ratio Lower Upper
83 100
85 70.1 50.2 75.4
127 9.6 6.3 9.5

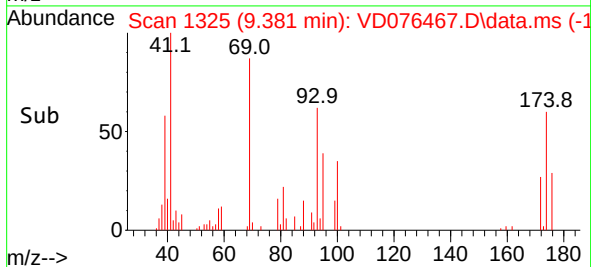
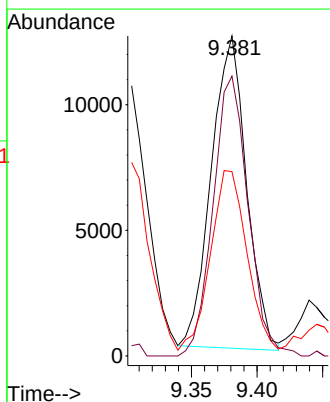
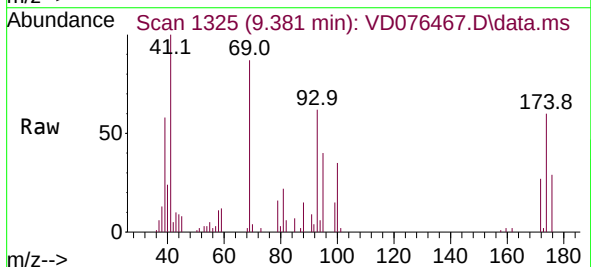
Manual Integrations
APPROVED

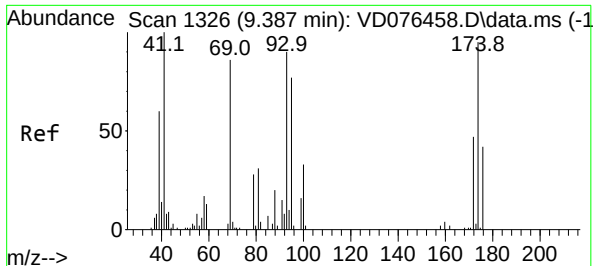
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#48
Methyl methacrylate
Concen: 20.235 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

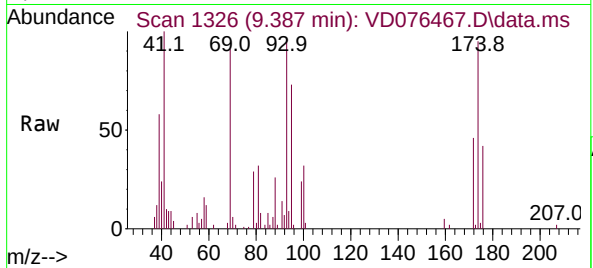
Tgt Ion: 41 Resp: 23187
Ion Ratio Lower Upper
41 100
69 89.4 102.2 153.2#
39 60.0 41.4 62.2





#49
1,4-Dioxane
Concen: 428.224 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

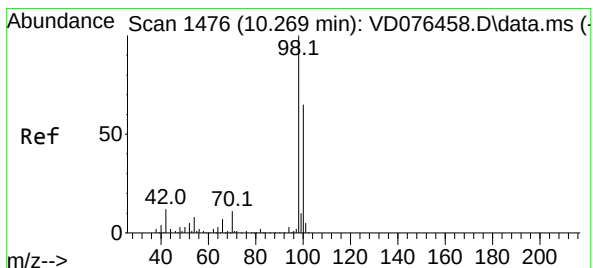
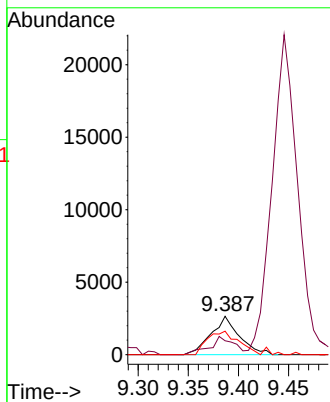
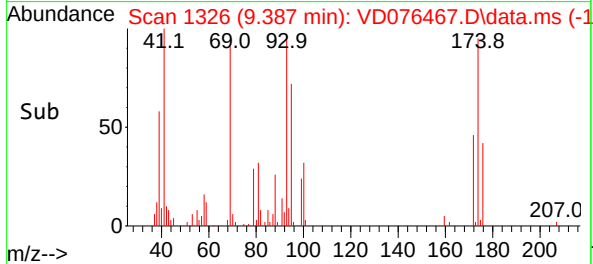
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 88 Resp: 5179
Ion Ratio Lower Upper
88 100
43 40.3 19.0 28.6
58 67.5 43.5 65.3

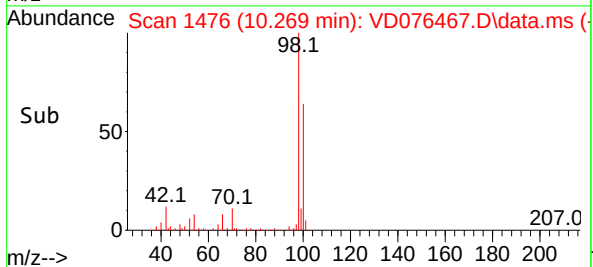
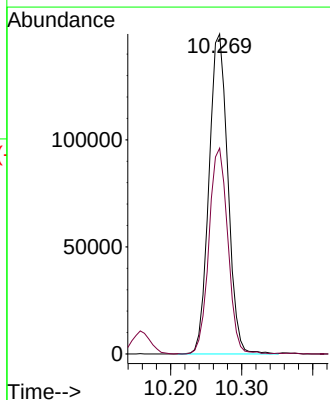
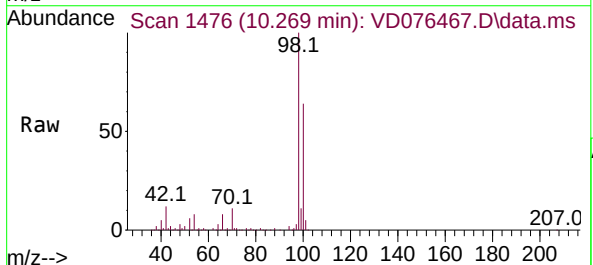
Manual Integrations
APPROVED

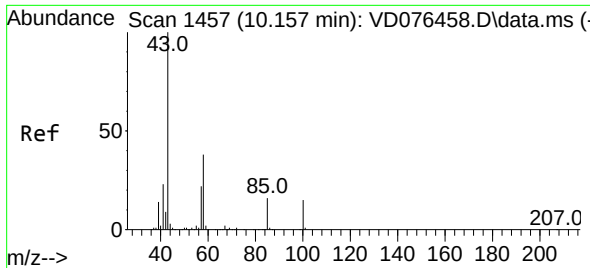
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#50
Toluene-d8
Concen: 44.591 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

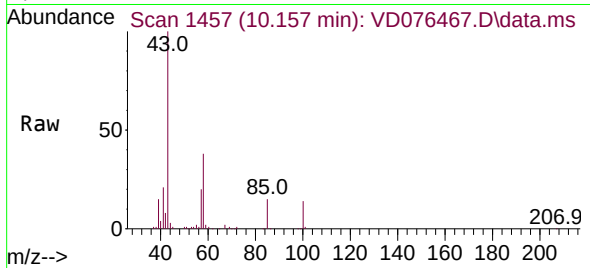
Tgt Ion: 98 Resp: 275203
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 105.464 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

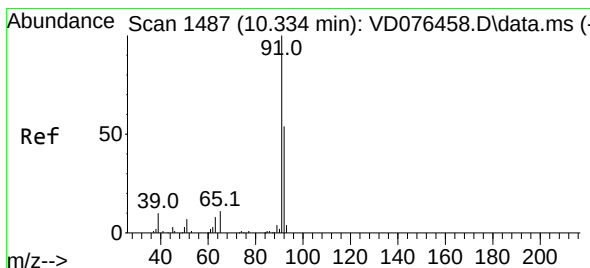
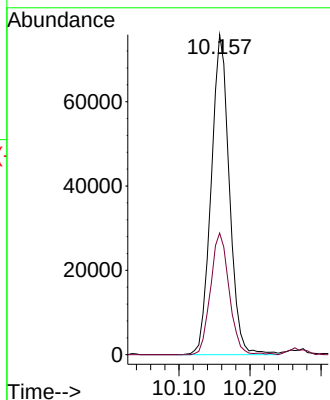
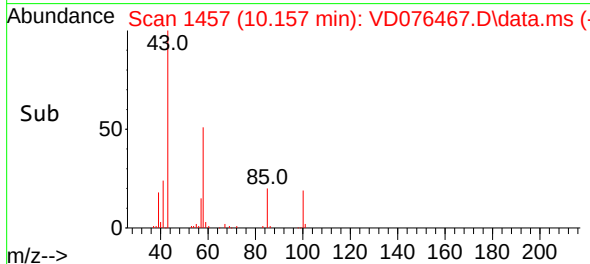
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 43 Resp: 13478
Ion Ratio Lower Upper
43 100
58 38.9 38.9 58.3

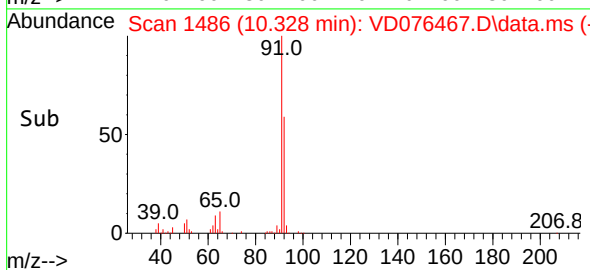
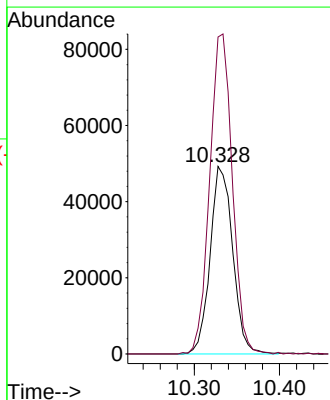
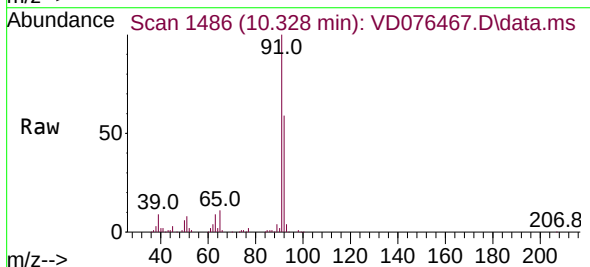
Manual Integrations
APPROVED

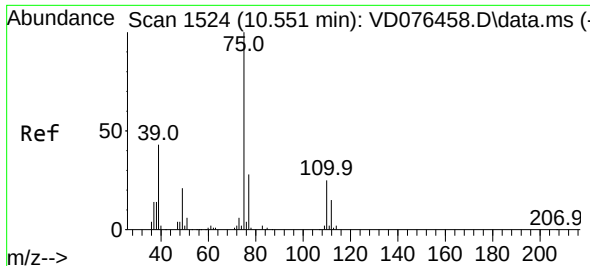
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#52
Toluene
Concen: 20.804 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

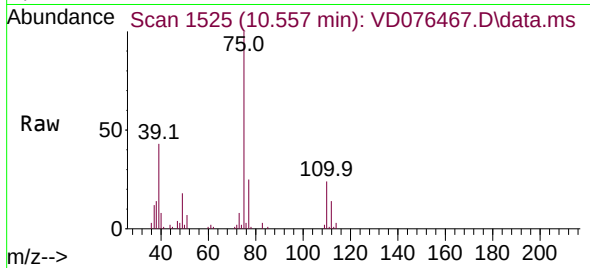
Tgt Ion: 92 Resp: 90726
Ion Ratio Lower Upper
92 100
91 170.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.960 ug/l
RT: 10.557 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

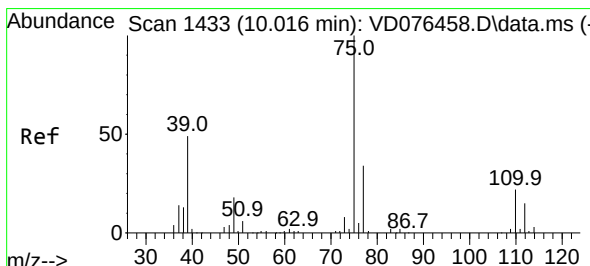
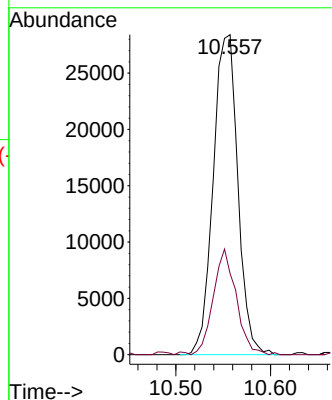
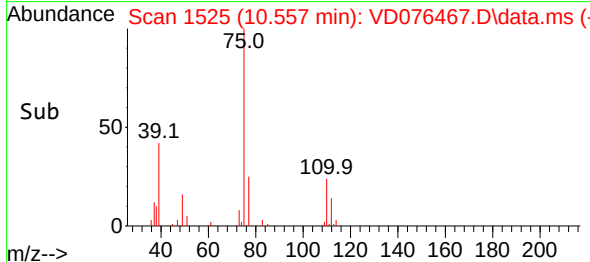
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 75 Resp: 51375
Ion Ratio Lower Upper
75 100
77 25.3 25.3 37.9

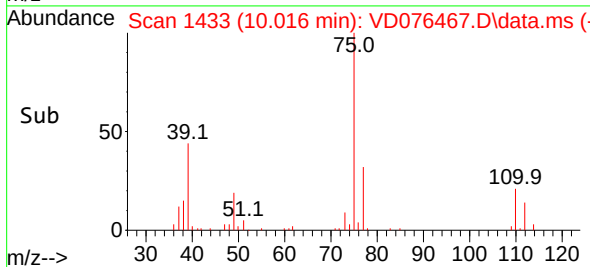
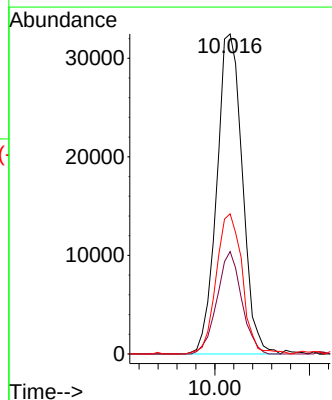
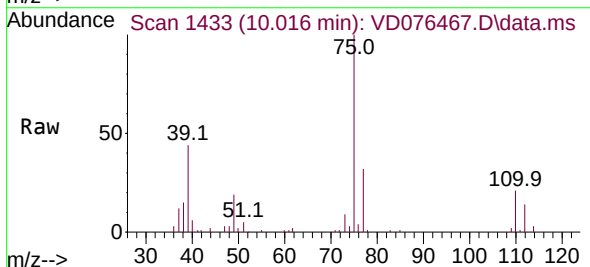
Manual Integrations
APPROVED

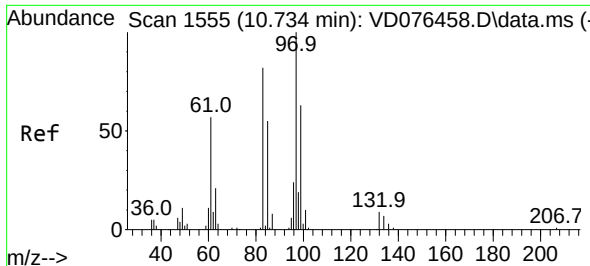
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#54
cis-1,3-Dichloropropene
Concen: 21.001 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

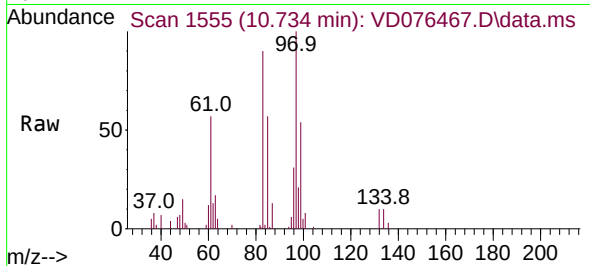
Tgt Ion: 75 Resp: 61030
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 43.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.538 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

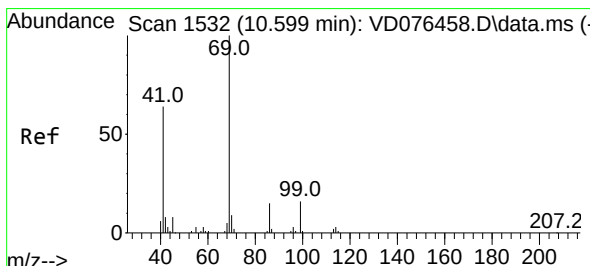
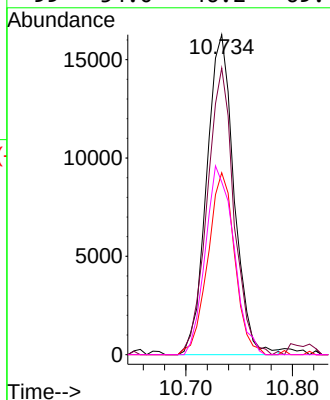
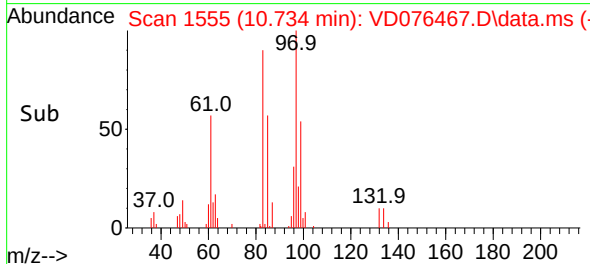
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



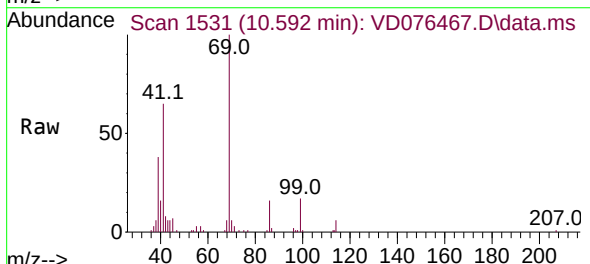
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	65.8	98.6
85	56.9	45.7	68.5
99	54.0	46.2	69.4

Manual Integrations
APPROVED

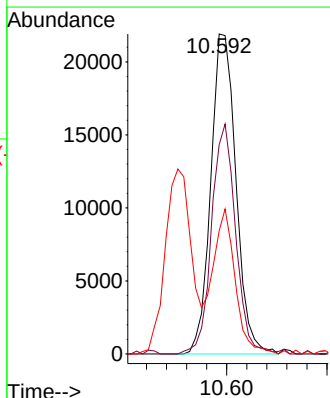
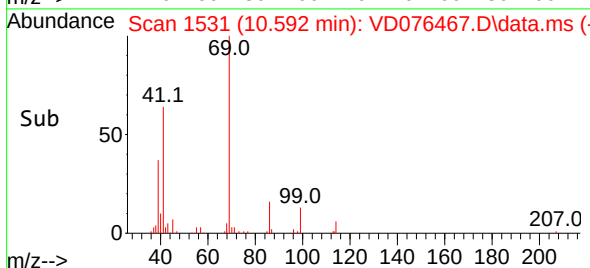
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

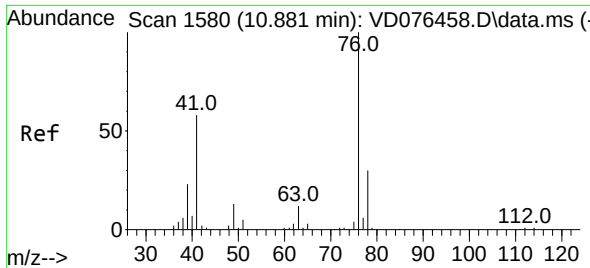


#56
Ethyl methacrylate
Concen: 20.748 ug/l
RT: 10.592 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



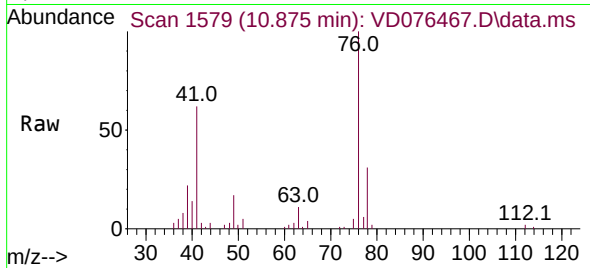
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	39.1	58.7#
39	40.5	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 20.053 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

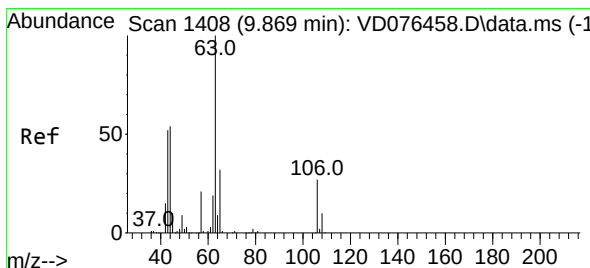
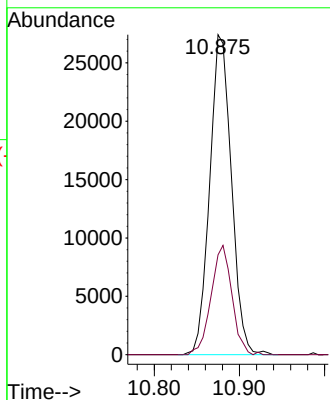
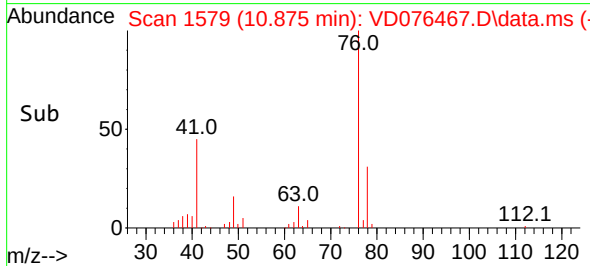
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 76 Resp: 4847
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6

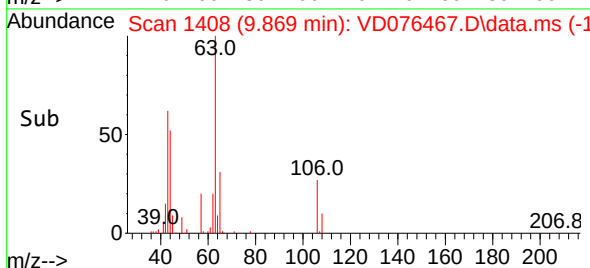
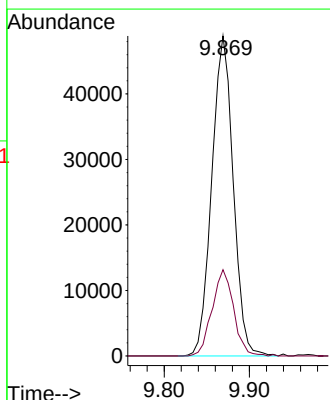
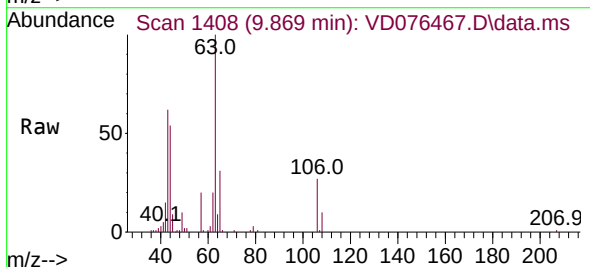
Manual Integrations
APPROVED

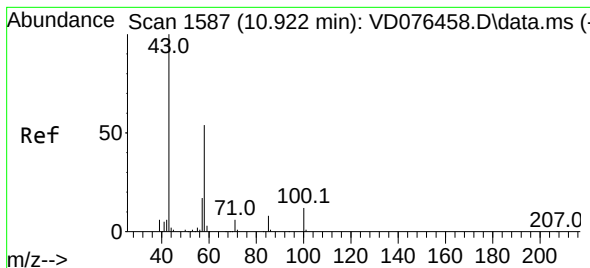
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 109.381 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

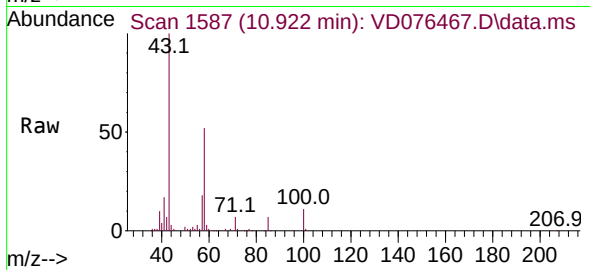
Tgt Ion: 63 Resp: 85493
Ion Ratio Lower Upper
63 100
106 27.0 25.3 37.9





#59
2-Hexanone
Concen: 103.537 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

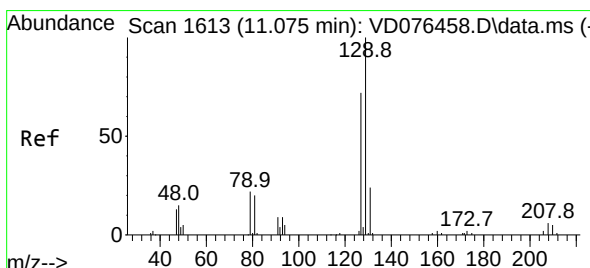
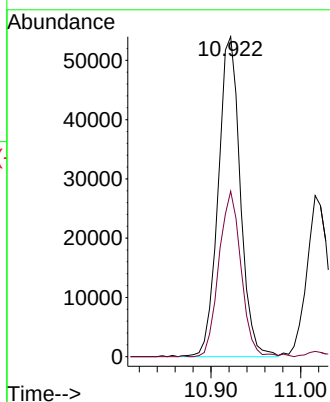
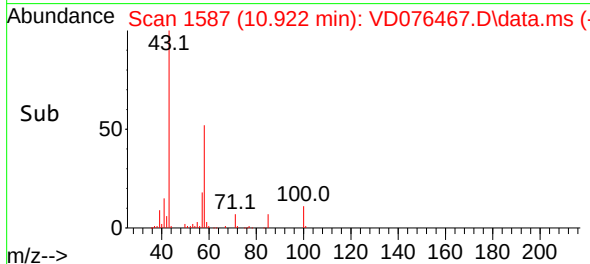
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 43 Resp: 9204
Ion Ratio Lower Upper
43 100
58 52.0 34.1 102.2

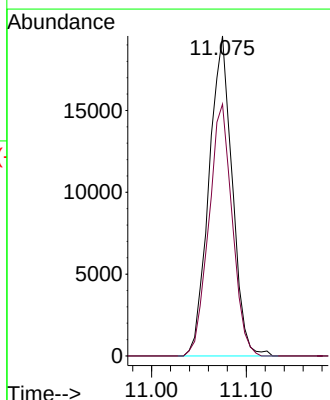
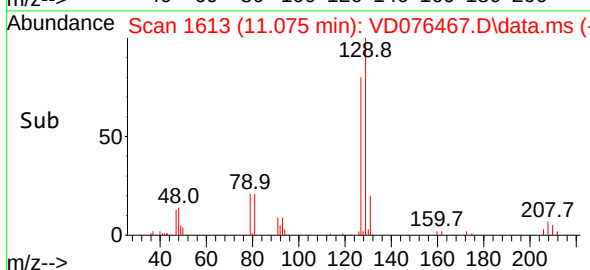
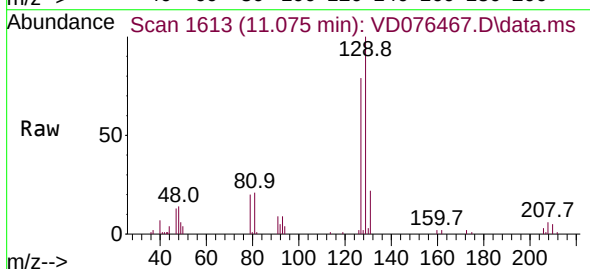
Manual Integrations
APPROVED

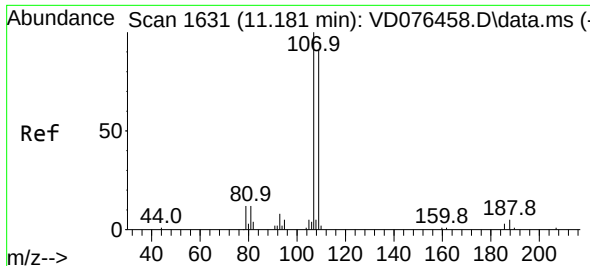
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#60
Dibromochloromethane
Concen: 20.301 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

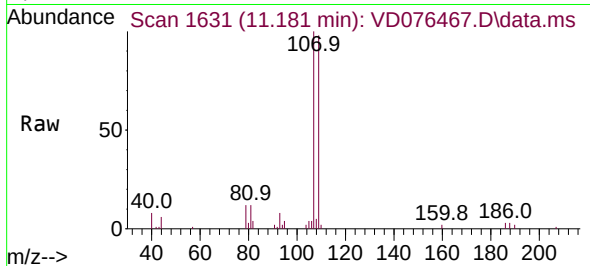
Tgt Ion:129 Resp: 33358
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 21.172 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

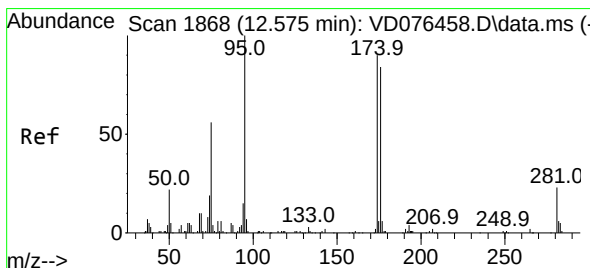
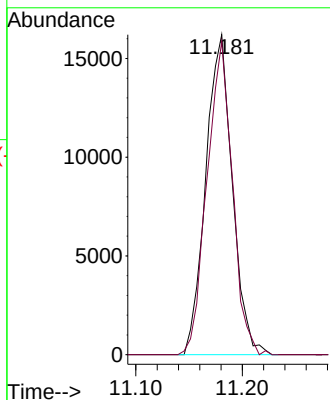
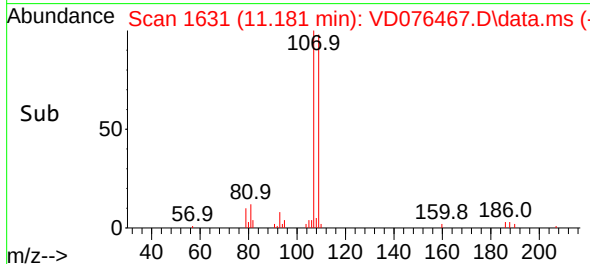
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



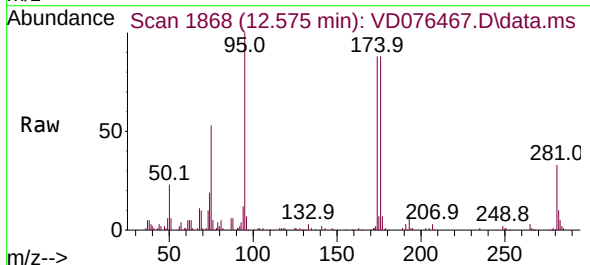
Tgt Ion:107 Resp: 28062
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

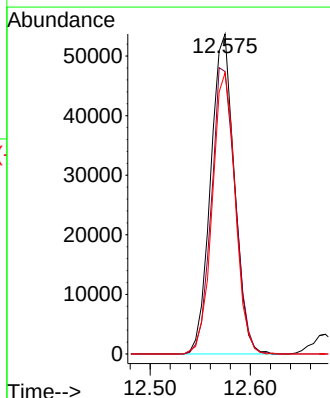
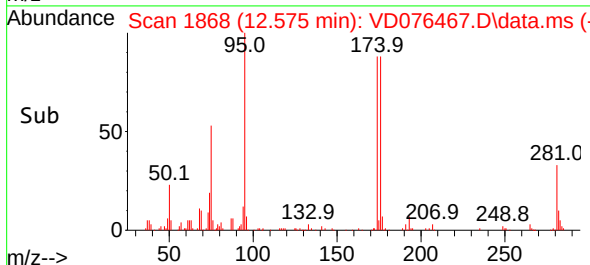
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

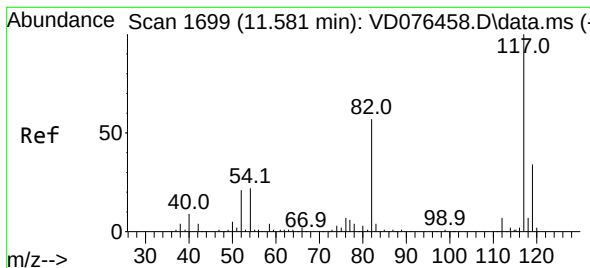


#62
4-Bromofluorobenzene
Concen: 44.098 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



Tgt Ion: 95 Resp: 88327
Ion Ratio Lower Upper
95 100
174 89.5 0.0 201.8
176 84.8 0.0 191.8





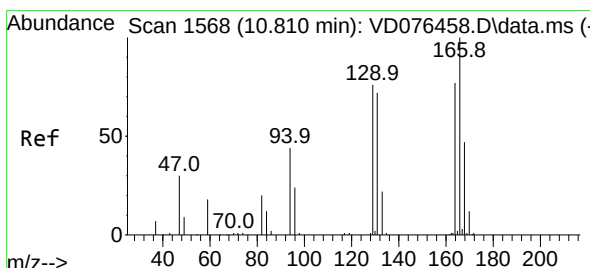
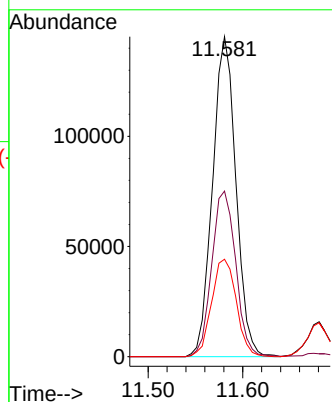
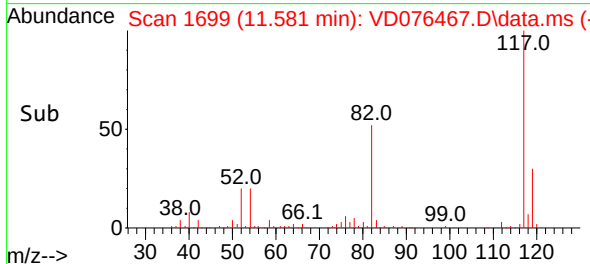
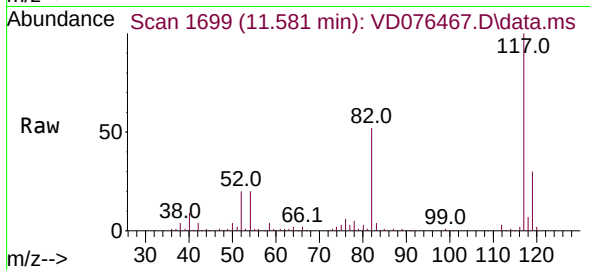
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:117 Resp: 24906
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 30.5 25.0 37.4

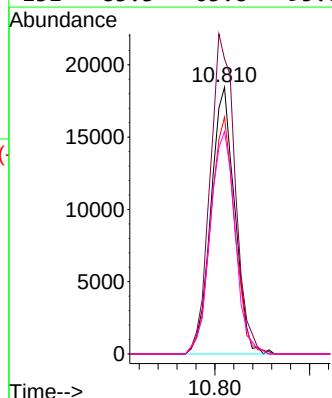
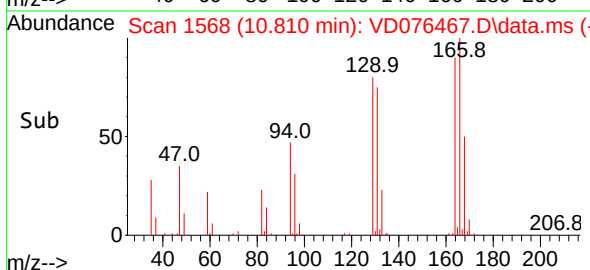
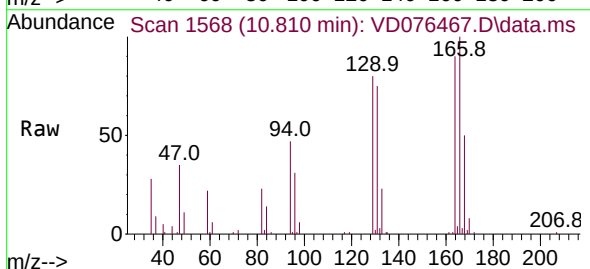
Manual Integrations
APPROVED

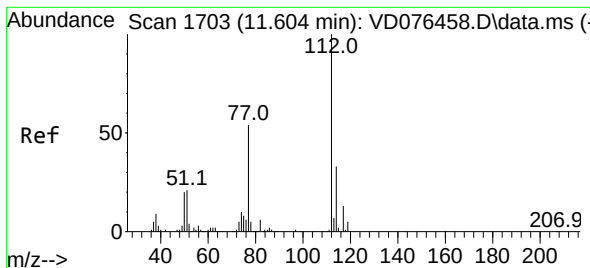
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#64
Tetrachloroethene
Concen: 21.478 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

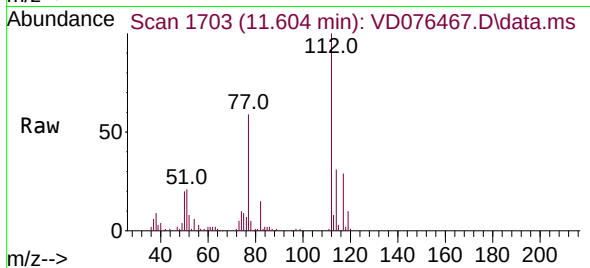
Tgt Ion:164 Resp: 32111
Ion Ratio Lower Upper
164 100
166 110.6 99.2 148.8
129 88.7 68.4 102.6
131 83.3 63.8 95.8





#65
Chlorobenzene
Concen: 20.940 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

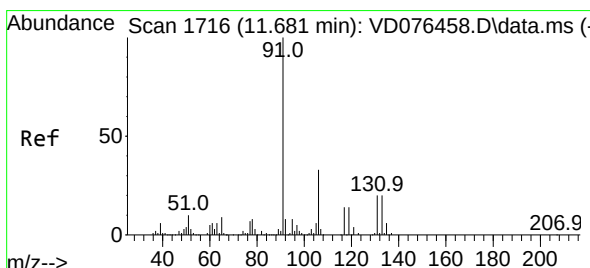
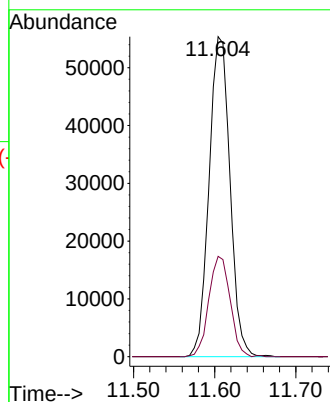
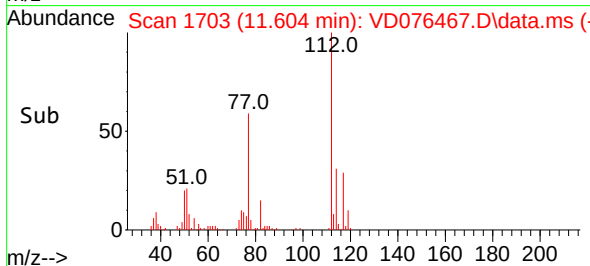
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



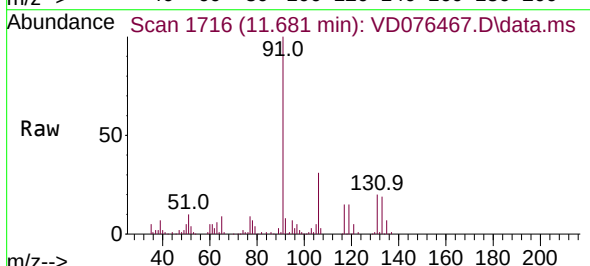
Tgt Ion:112 Resp: 99085
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

Manual Integrations
APPROVED

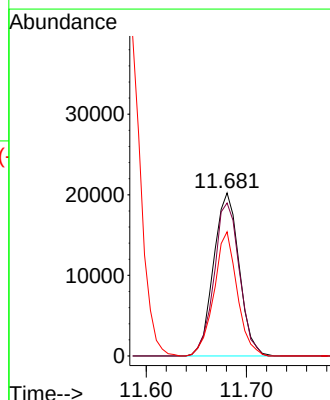
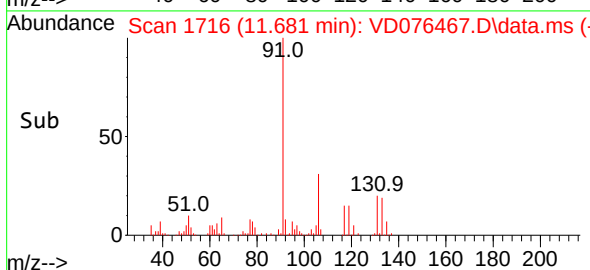
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

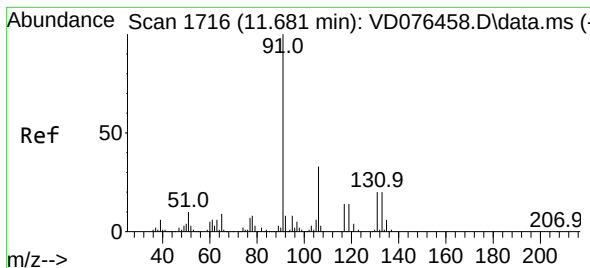


#66
1,1,1,2-Tetrachloroethane
Concen: 21.191 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



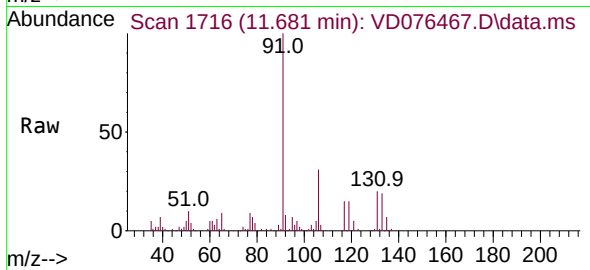
Tgt Ion:131 Resp: 35860
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 69.0 35.6 106.9





#67
Ethyl Benzene
Concen: 20.238 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

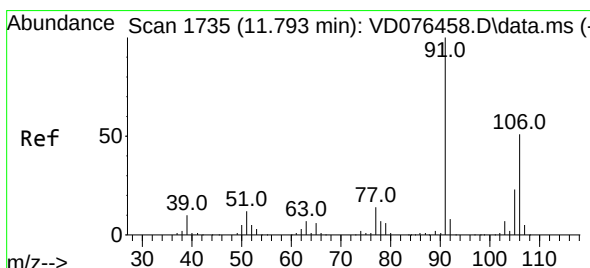
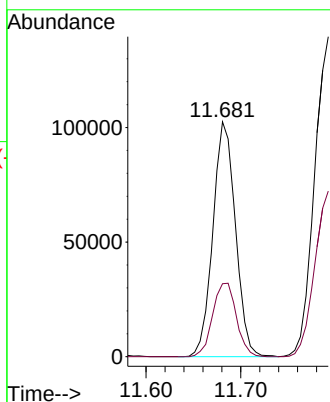
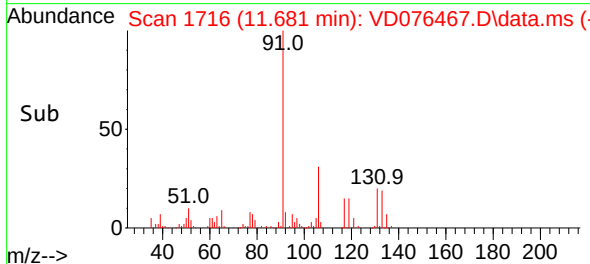
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



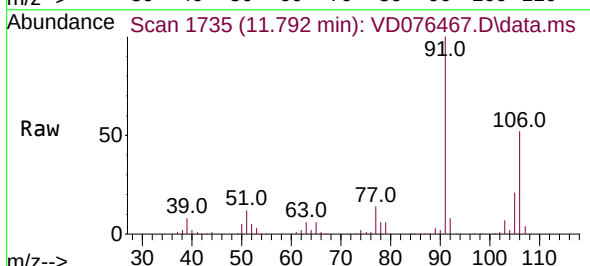
Tgt Ion: 91 Resp: 169682
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7

Manual Integrations
APPROVED

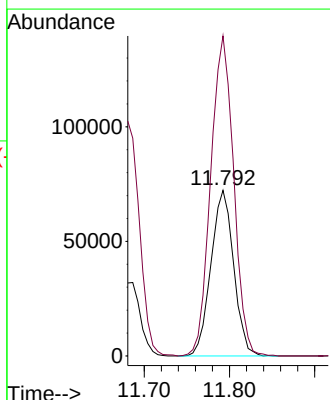
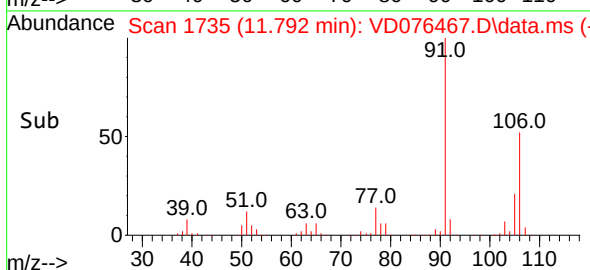
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

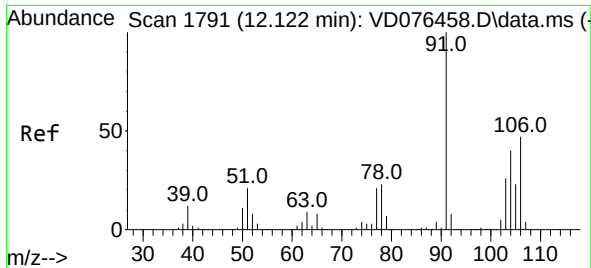


#68
m/p-Xylenes
Concen: 40.926 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



Tgt Ion:106 Resp: 133945
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6





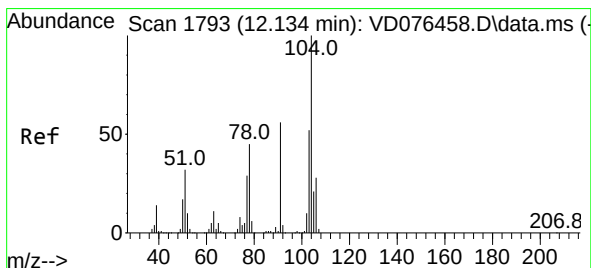
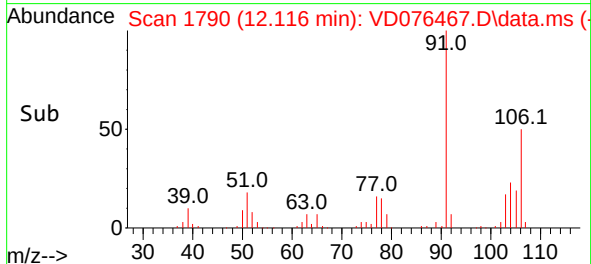
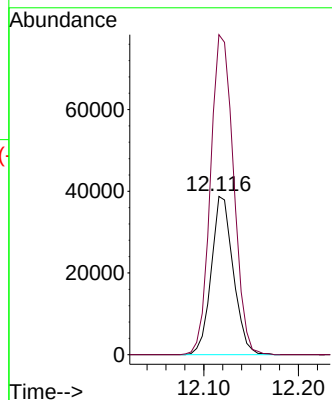
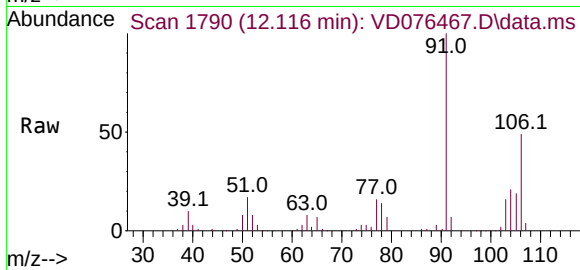
#69
o-Xylene
Concen: 20.098 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:106 Resp: 62614
Ion Ratio Lower Upper
106 100
91 212.1 97.9 293.6

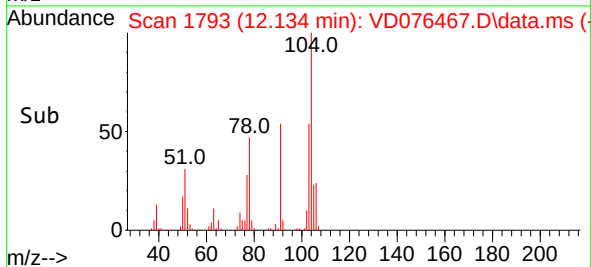
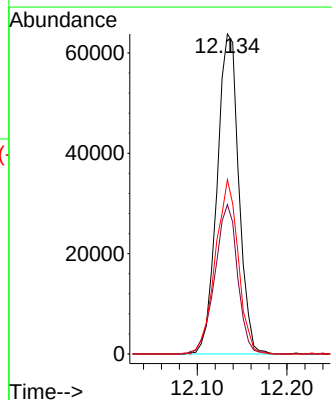
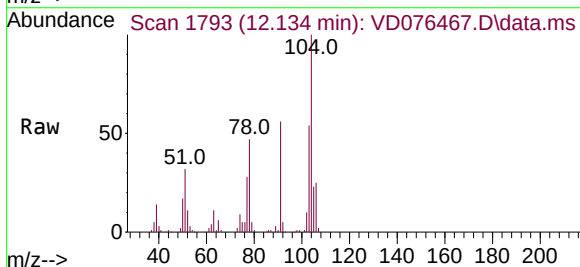
Manual Integrations
APPROVED

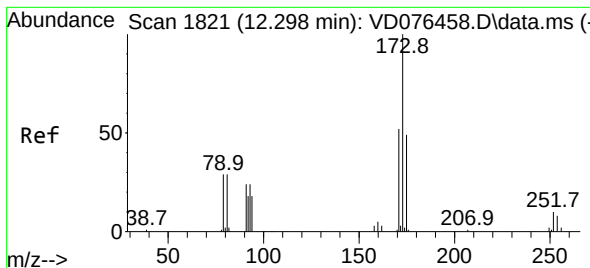
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#70
Styrene
Concen: 19.918 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

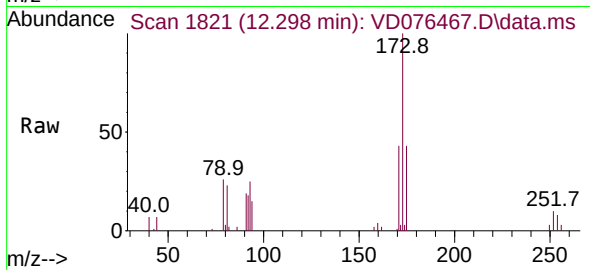
Tgt Ion:104 Resp: 107192
Ion Ratio Lower Upper
104 100
78 48.8 33.2 49.8
103 57.1 43.6 65.4





#71
Bromoform
Concen: 20.735 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

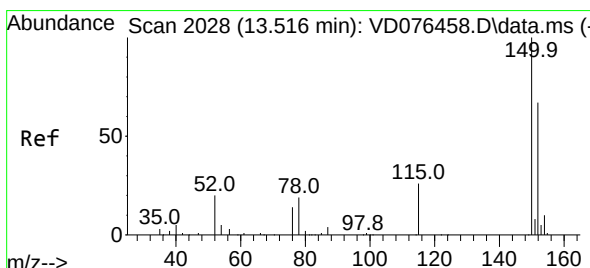
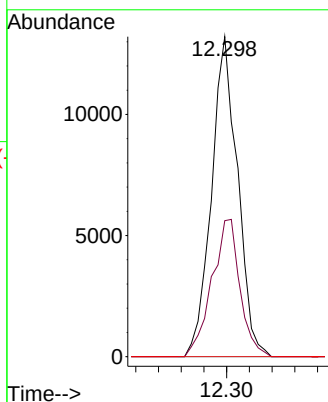
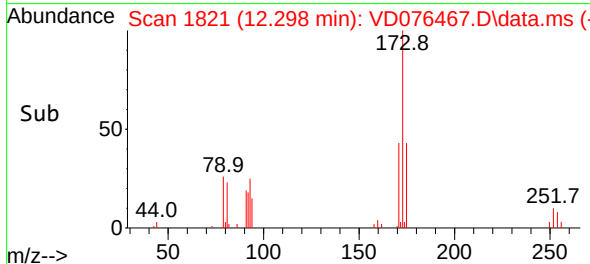
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



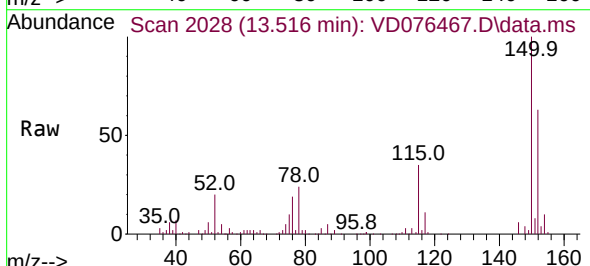
Tgt Ion:173 Resp: 21068
Ion Ratio Lower Upper
173 100
175 46.1 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

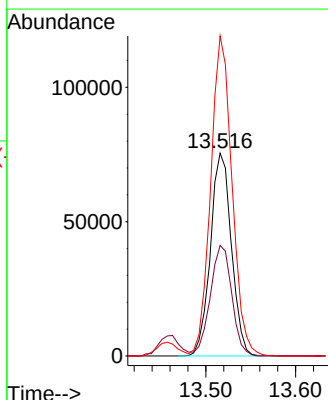
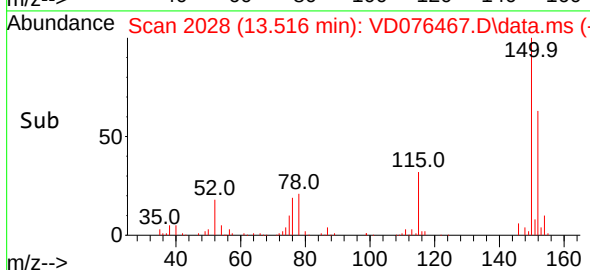
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

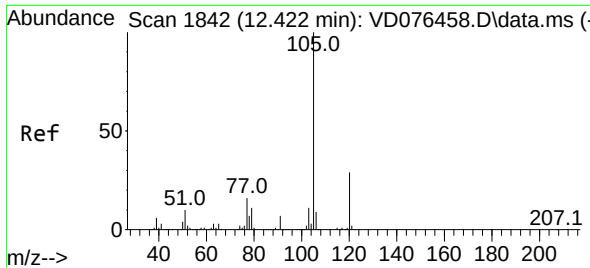


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



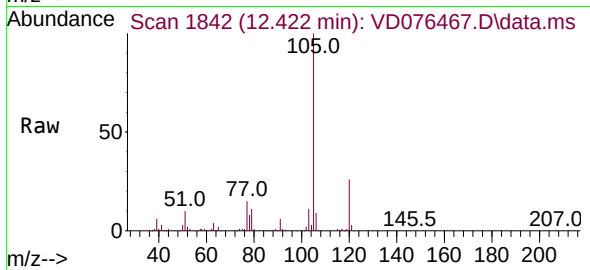
Tgt Ion:152 Resp: 122671
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 160.5 0.0 353.6





#73
Isopropylbenzene
Concen: 20.084 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

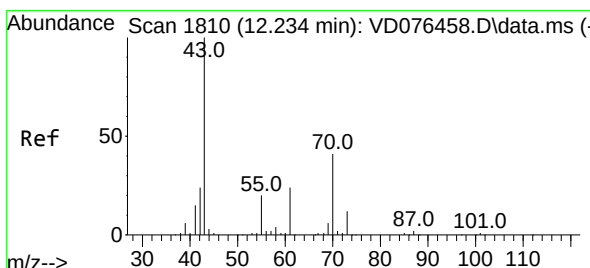
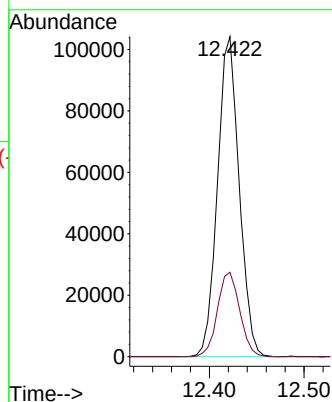
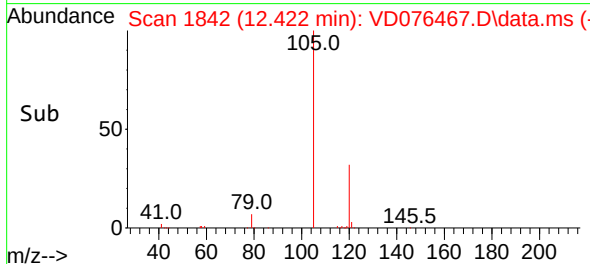
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion:105 Resp: 16587
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

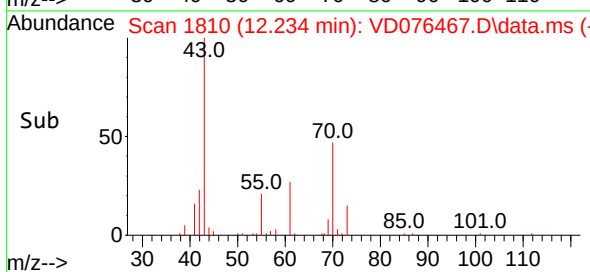
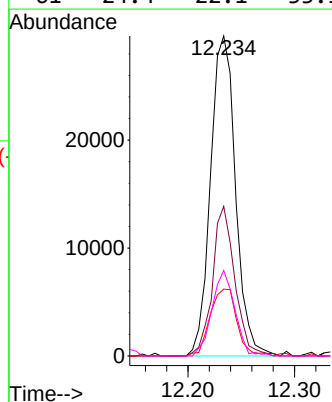
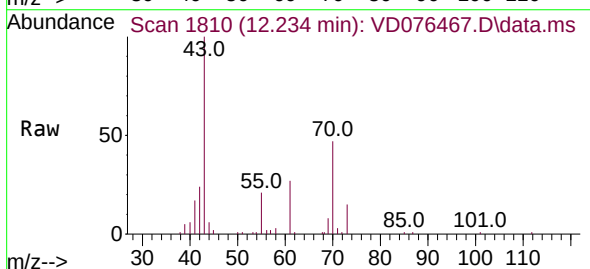
Manual Integrations
APPROVED

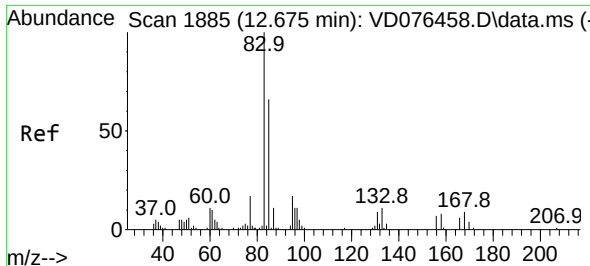
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#74
N-ethyl acetate
Concen: 19.976 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

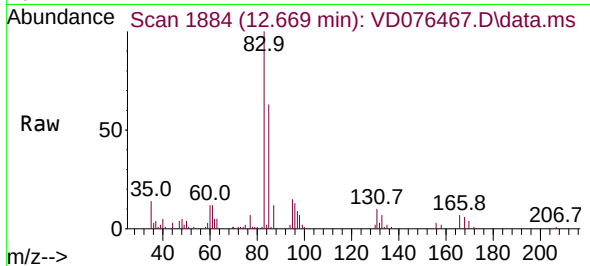
Tgt Ion: 43 Resp: 48300
Ion Ratio Lower Upper
43 100
70 41.9 45.0 67.4#
55 22.4 23.8 35.6#
61 24.4 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.283 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

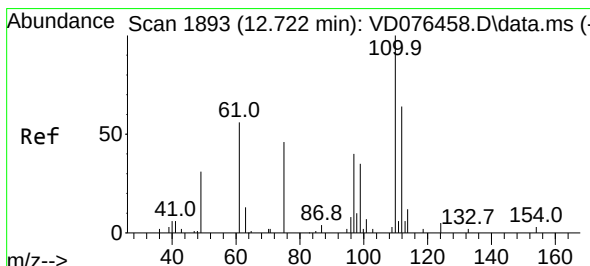
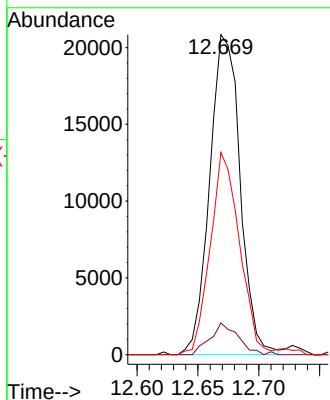
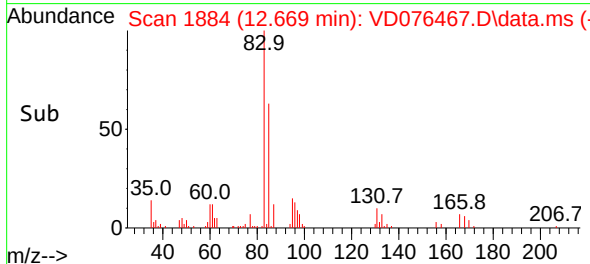
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 83 Resp: 36272
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 60.8 32.6 97.8

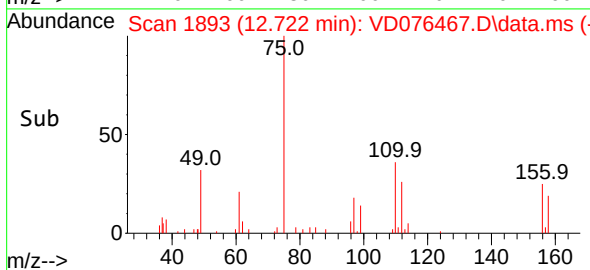
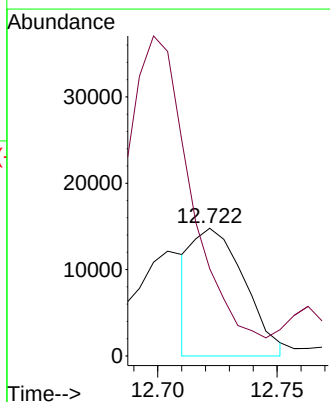
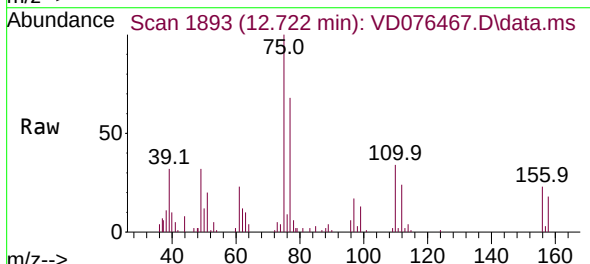
Manual Integrations
APPROVED

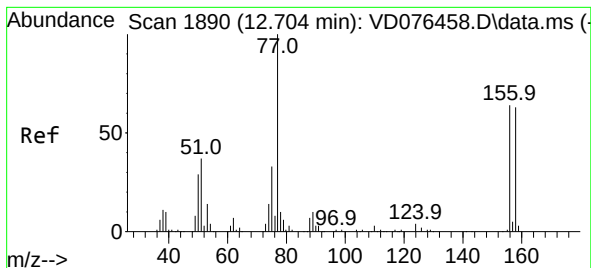
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.455 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

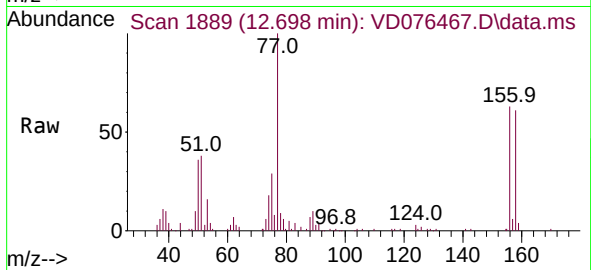
Tgt Ion: 75 Resp: 22468
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.230 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

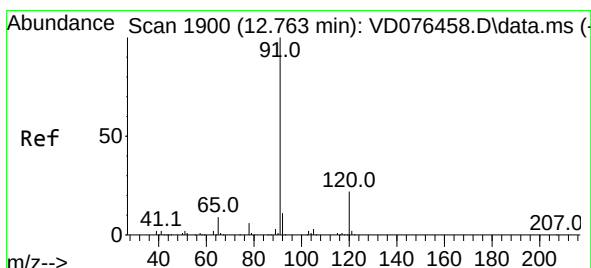
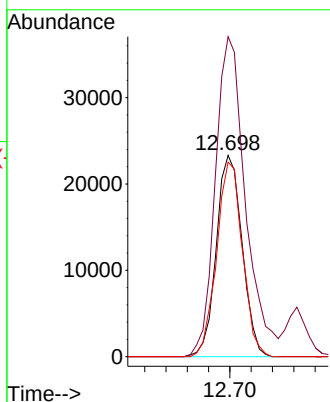
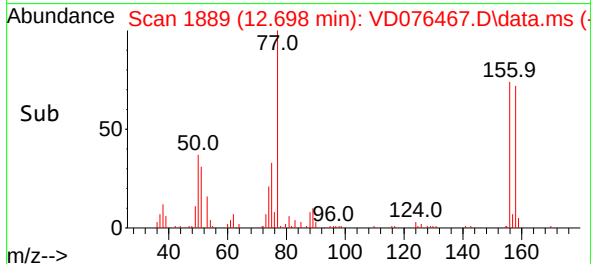
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



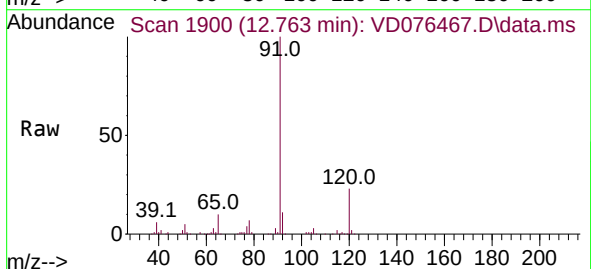
Tgt Ion:156 Resp: 3918
Ion Ratio Lower Upper
156 100
77 185.3 76.8 230.4
158 96.4 48.6 145.9

Manual Integrations
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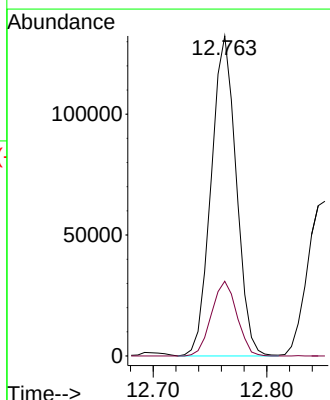
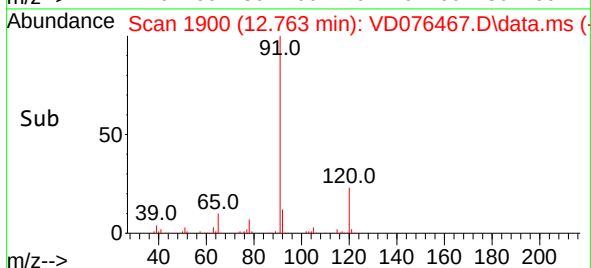
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

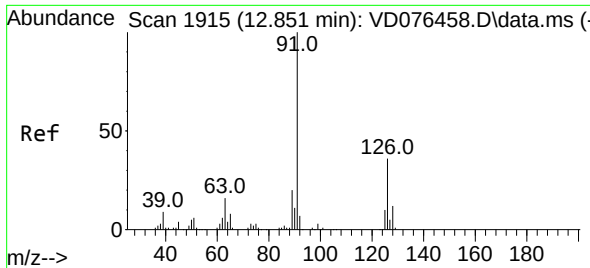


#78
n-propylbenzene
Concen: 19.940 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



Tgt Ion: 91 Resp: 203345
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2





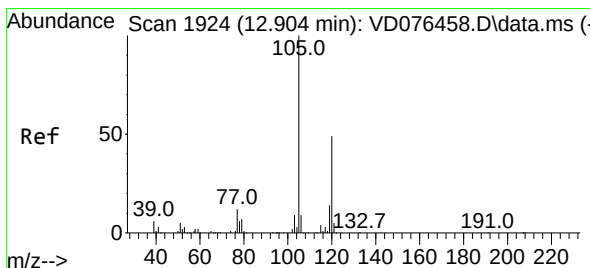
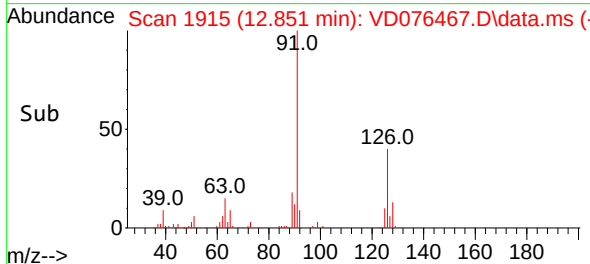
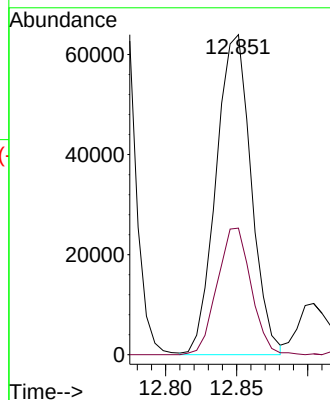
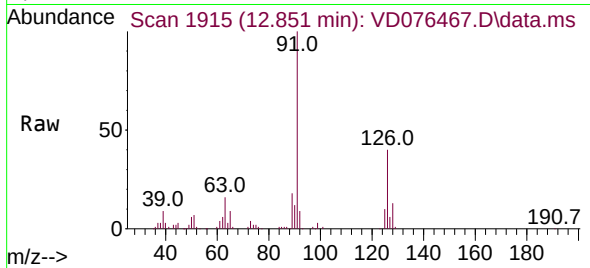
#79
2-Chlorotoluene
Concen: 19.659 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion: 91 Resp: 110091
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.1

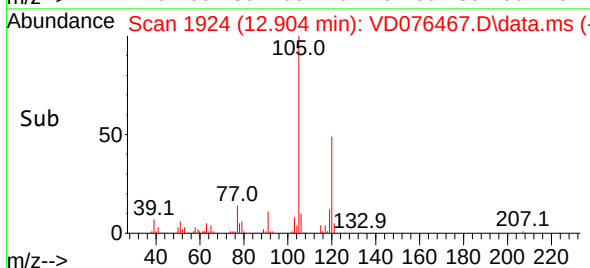
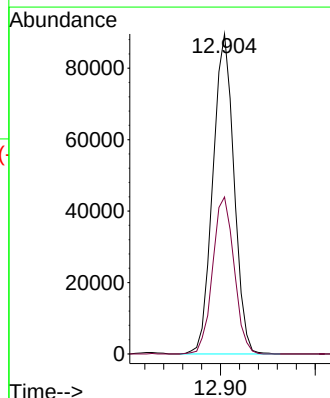
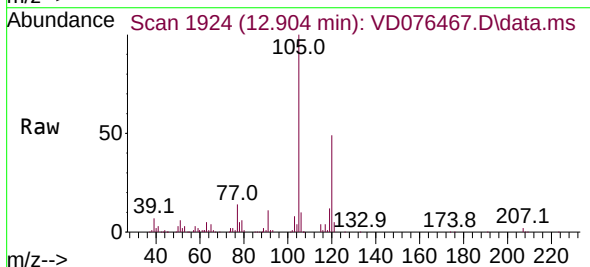
Manual Integrations
APPROVED

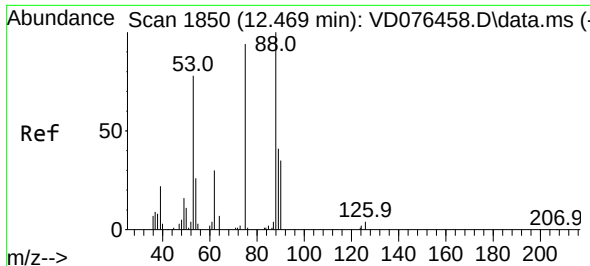
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.557 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

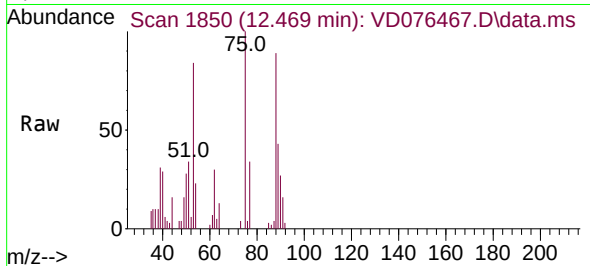
Tgt Ion:105 Resp: 138655
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.208 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

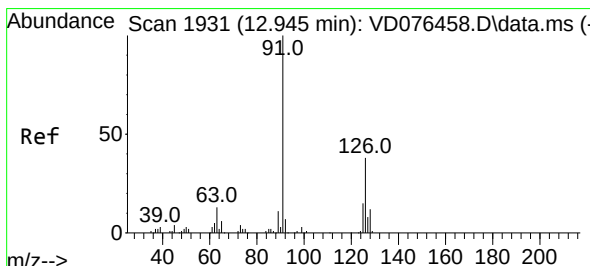
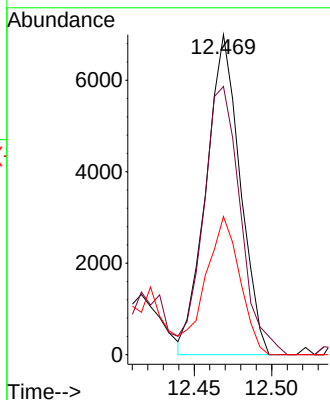
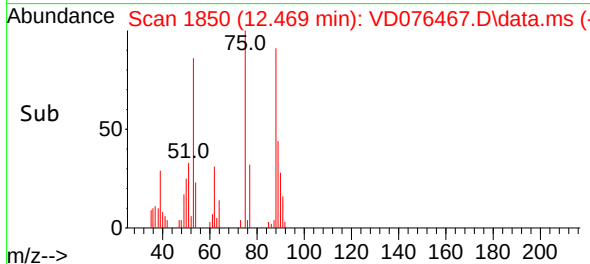
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 75 Resp: 10672
Ion Ratio Lower Upper
75 100
53 90.8 63.0 94.4
89 43.5 37.9 56.9

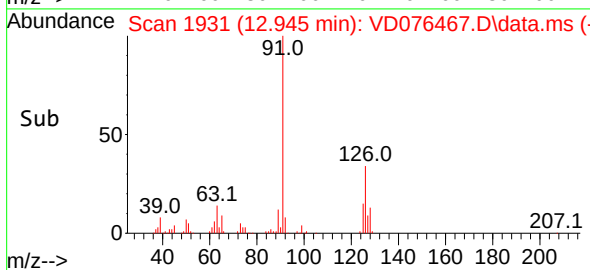
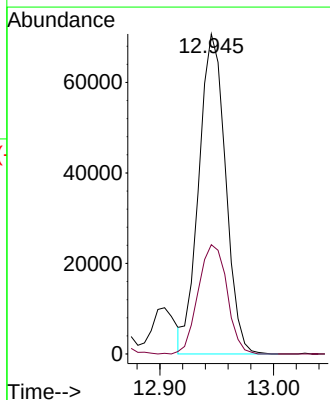
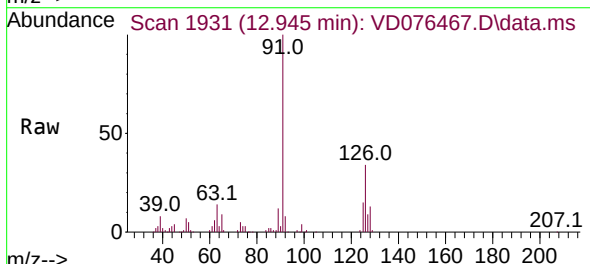
Manual Integrations
APPROVED

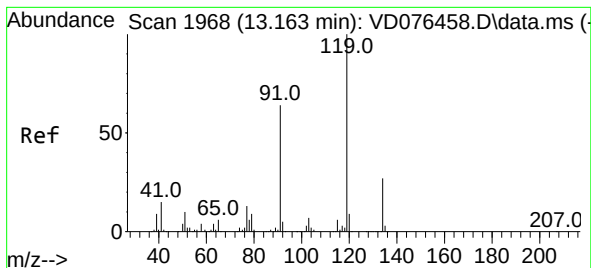
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#82
4-Chlorotoluene
Concen: 19.847 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion: 91 Resp: 115425
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





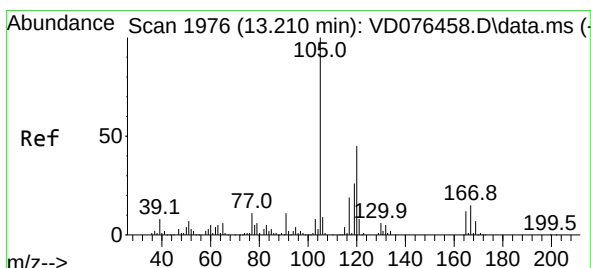
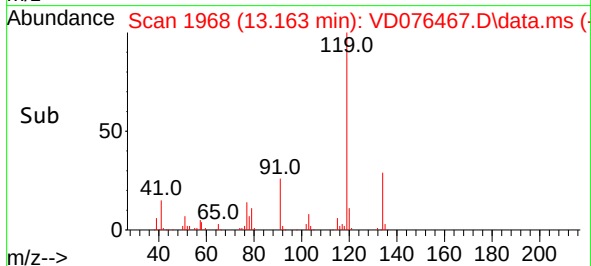
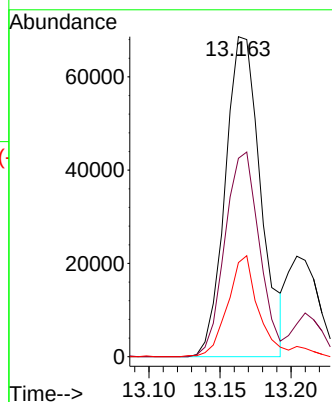
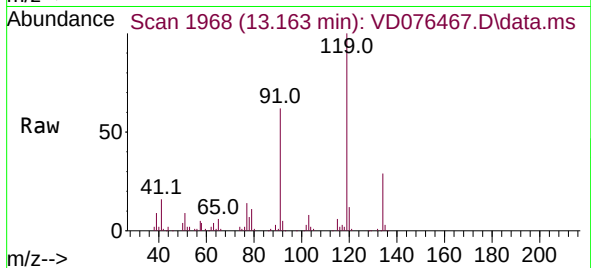
#83
tert-Butylbenzene
Concen: 19.928 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:119 Resp: 119428
Ion Ratio Lower Upper
119 100
91 62.2 29.3 87.8
134 27.2 14.1 42.3

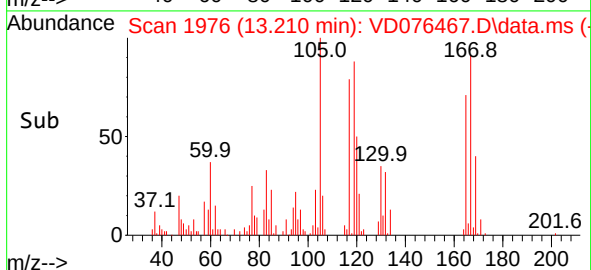
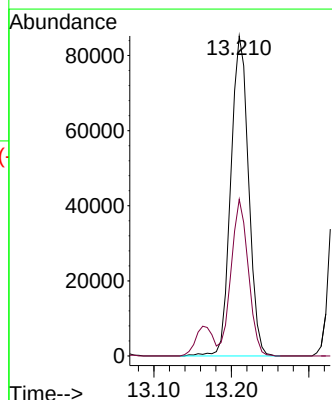
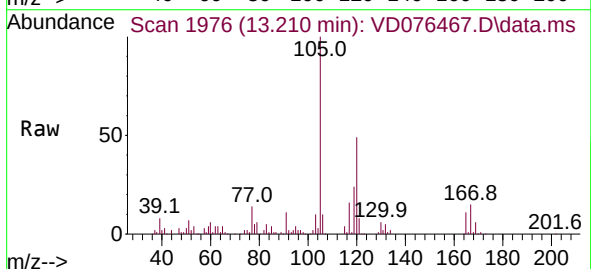
Manual Integrations
APPROVED

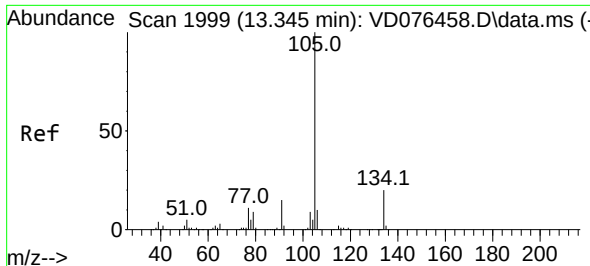
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.020 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion:105 Resp: 136075
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.9





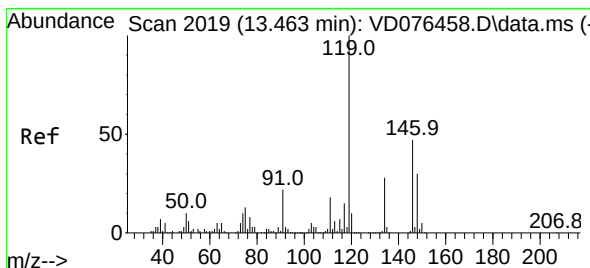
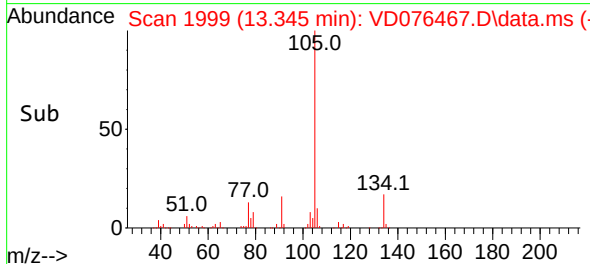
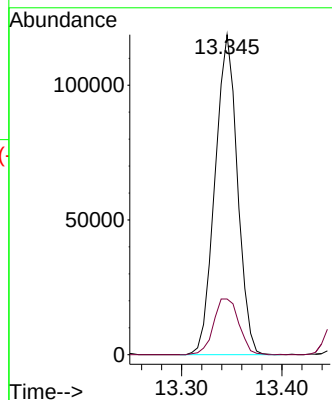
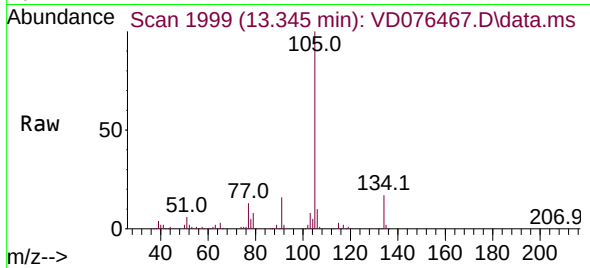
#85
 sec-Butylbenzene
 Concen: 20.696 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076467.D
 Acq: 19 Jun 2023 13:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBSD01

Tgt Ion:105 Resp: 184062
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

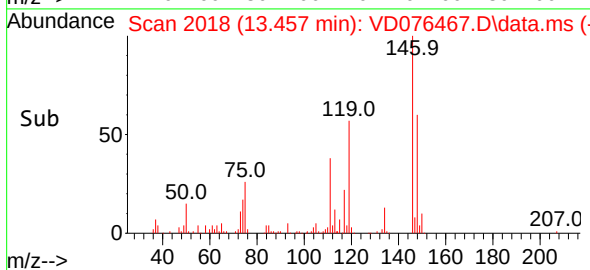
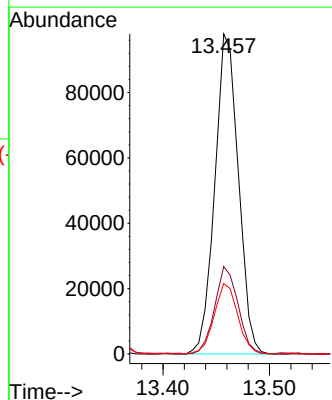
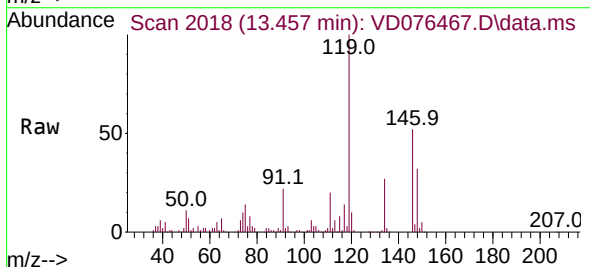
Manual Integrations
 APPROVED

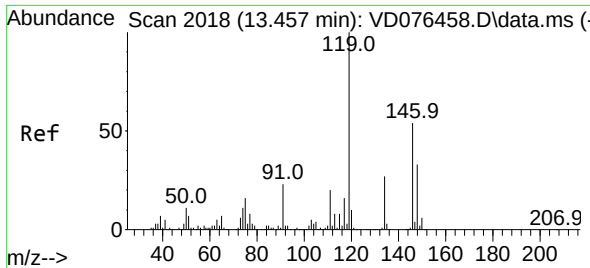
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#86
 p-Isopropyltoluene
 Concen: 20.216 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD076467.D
 Acq: 19 Jun 2023 13:41

Tgt Ion:119 Resp: 150229
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 22.1 10.5 31.5





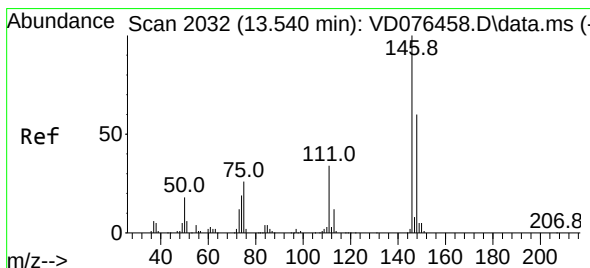
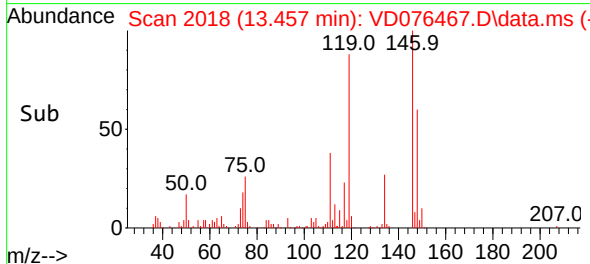
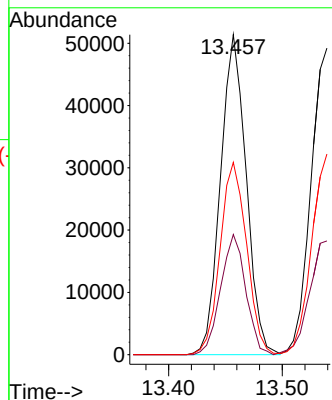
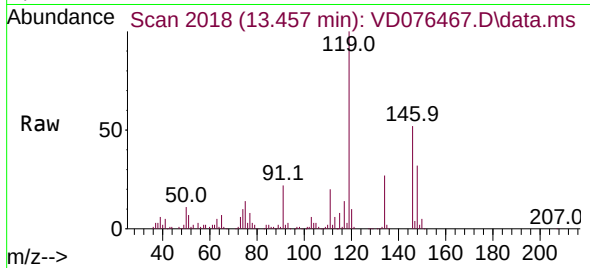
#87
1,3-Dichlorobenzene
Concen: 20.155 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01

Tgt Ion:146 Resp: 80668
Ion Ratio Lower Upper
146 100
111 36.7 17.9 53.8
148 62.2 32.3 96.8

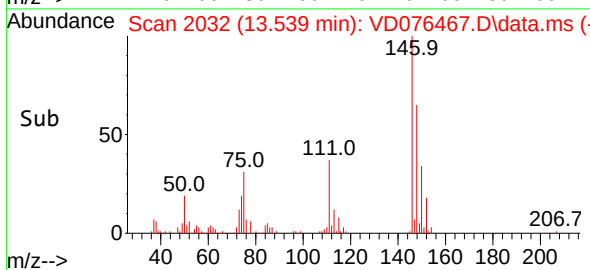
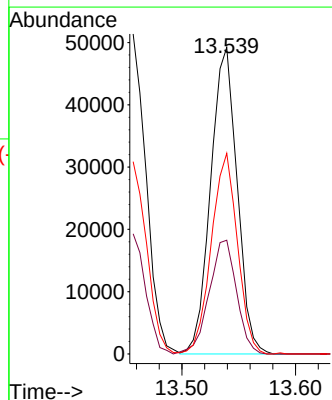
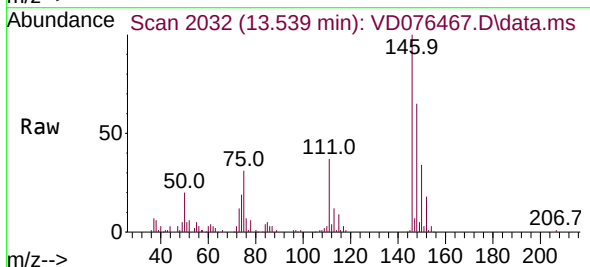
Manual Integrations
APPROVED

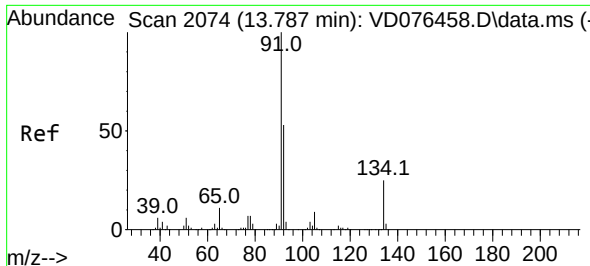
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#88
1,4-Dichlorobenzene
Concen: 20.010 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

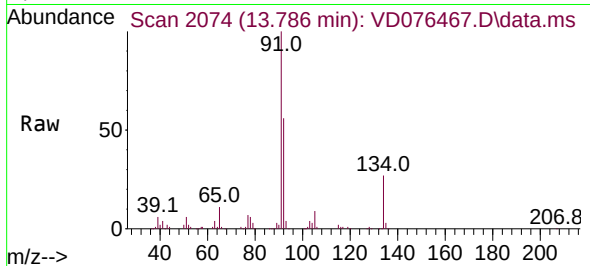
Tgt Ion:146 Resp: 79874
Ion Ratio Lower Upper
146 100
111 38.3 17.4 52.3
148 64.4 31.7 95.1





#89
n-Butylbenzene
Concen: 19.608 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

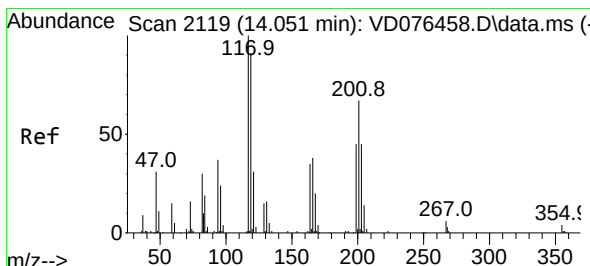
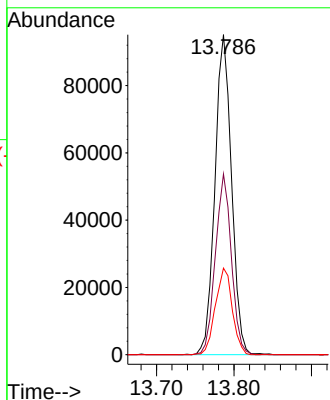
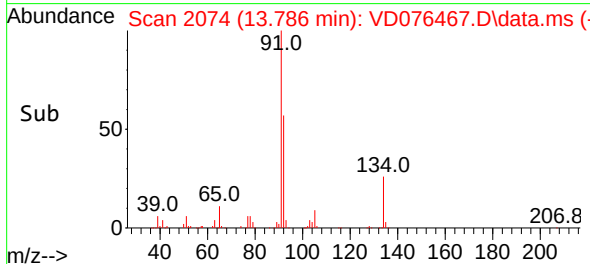
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



Tgt Ion: 91 Resp: 14212
Ion Ratio Lower Upper
91 100
92 54.5 26.5 79.5
134 27.4 13.8 41.3

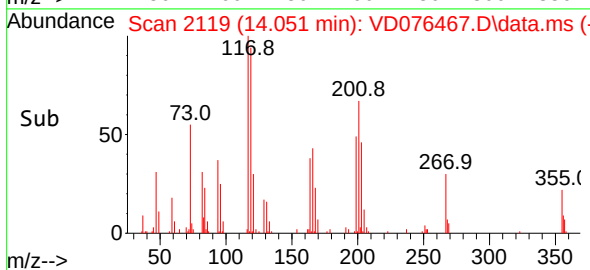
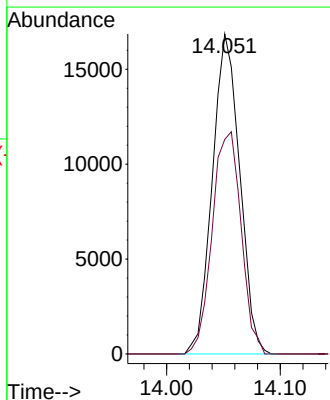
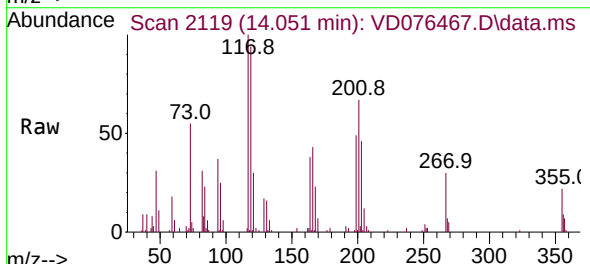
Manual Integrations
APPROVED

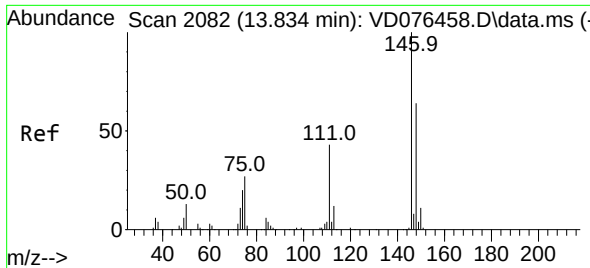
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#90
Hexachloroethane
Concen: 20.592 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion:117 Resp: 28240
Ion Ratio Lower Upper
117 100
201 73.2 38.5 115.5





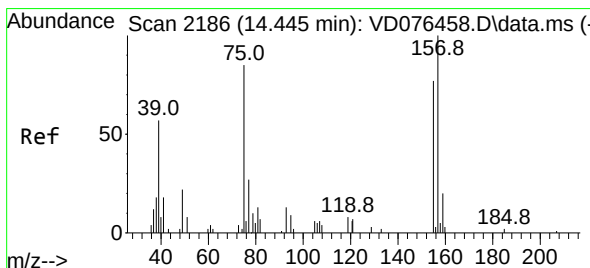
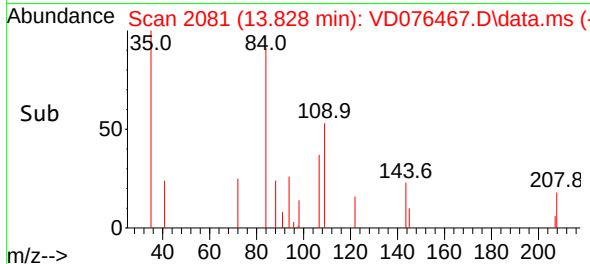
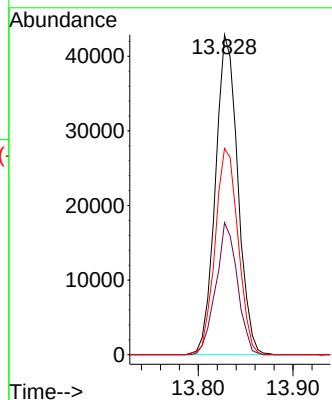
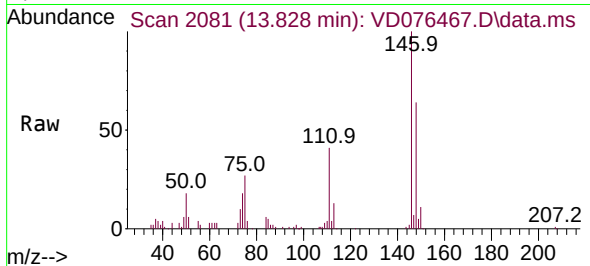
#91
1,2-Dichlorobenzene
Concen: 20.096 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion:146 Resp: 7028
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 66.2 31.6 94.7

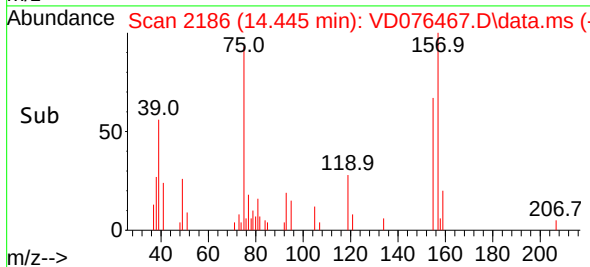
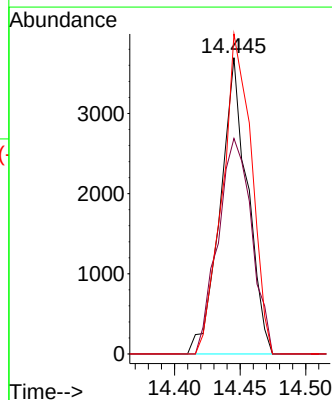
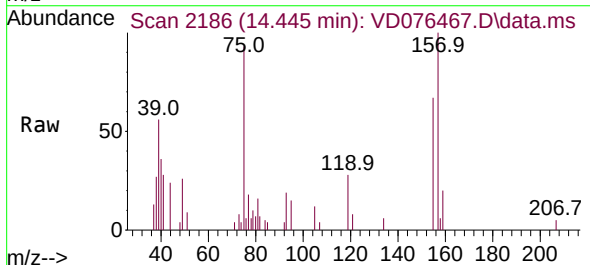
Manual Integrations
APPROVED

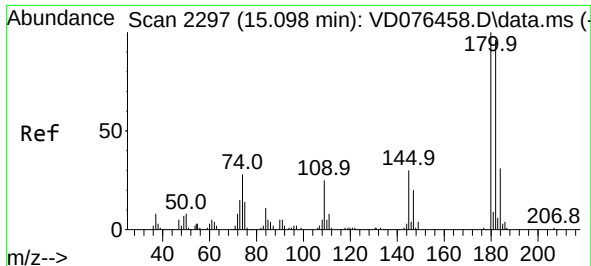
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.781 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

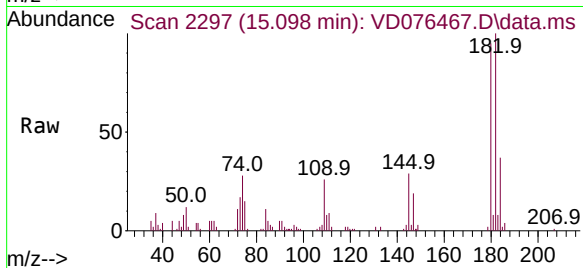
Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
155 89.8 47.9 143.8
157 115.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.805 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

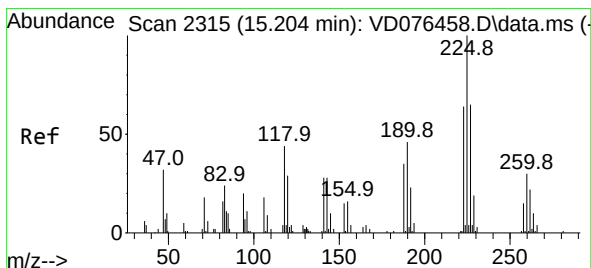
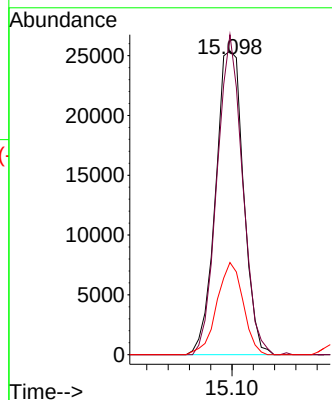
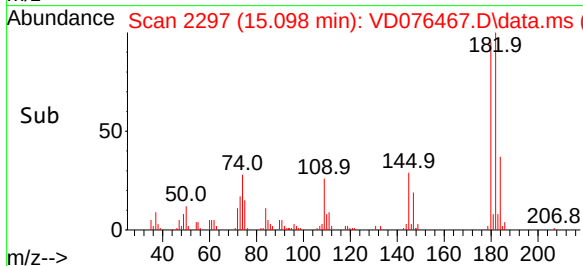
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBSD01



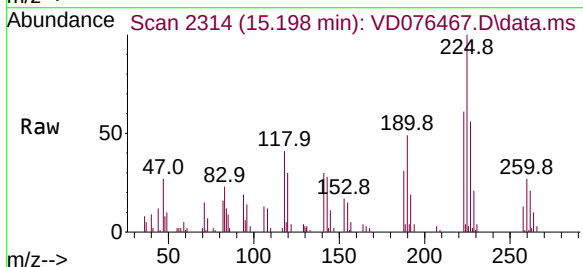
Tgt Ion:180 Resp: 4616
Ion Ratio Lower Upper
180 100
182 95.8 48.5 145.6
145 28.5 14.2 42.6

Manual Integrations
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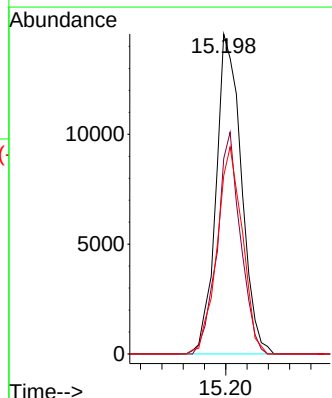
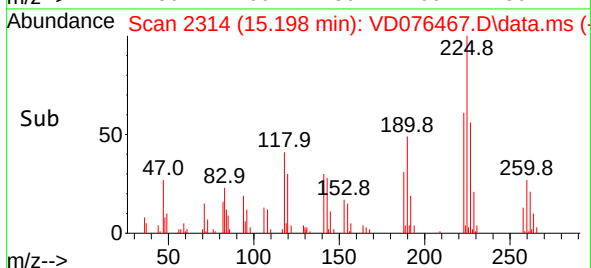
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

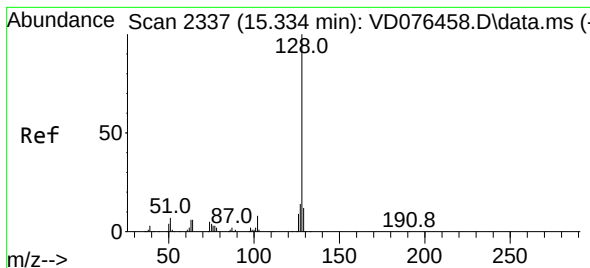


#94
Hexachlorobutadiene
Concen: 21.172 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41



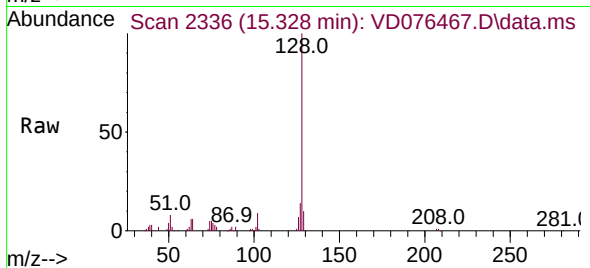
Tgt Ion:225 Resp: 23993
Ion Ratio Lower Upper
225 100
223 63.7 31.6 94.8
227 64.9 31.7 95.1





#95
Naphthalene
Concen: 20.034 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

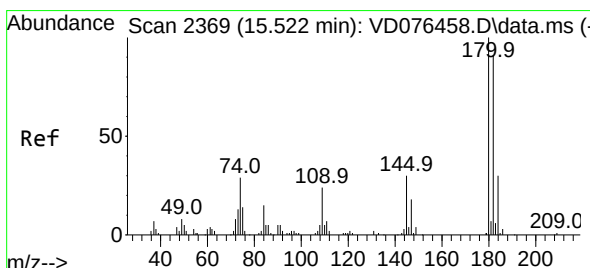
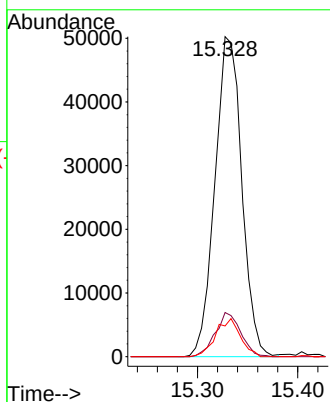
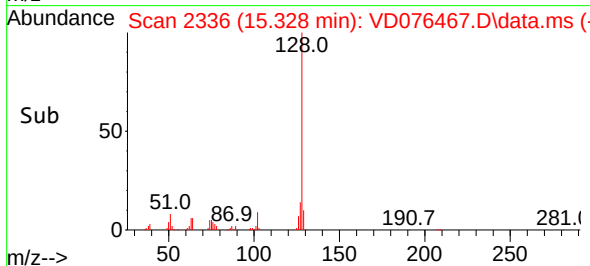
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion:128 Resp: 93378
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 9.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.709 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076467.D
Acq: 19 Jun 2023 13:41

Tgt Ion:180 Resp: 44087
Ion Ratio Lower Upper
180 100
182 89.9 47.3 141.9
145 28.6 15.1 45.3

