

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076466.D
 Acq On : 19 Jun 2023 13:11
 Operator : KP/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 05:23:17 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	157011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	69354	44.087	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.180%		
35) Dibromofluoromethane	7.799	113	73153	45.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.460%		
50) Toluene-d8	10.269	98	276249	45.037	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.080%		
62) 4-Bromofluorobenzene	12.575	95	90164	45.293	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	25571	21.433	ug/l	99
3) Chloromethane	2.146	50	49348	19.888	ug/l	100
4) Vinyl Chloride	2.275	62	55830	20.171	ug/l	97
5) Bromomethane	2.675	94	34089	18.941	ug/l	95
6) Chloroethane	2.822	64	36522	19.252	ug/l	97
7) Trichlorofluoromethane	3.169	101	47603	20.898	ug/l	98
8) Diethyl Ether	3.593	74	16424	19.159	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.958	101	30585	20.849	ug/l	99
10) Methyl Iodide	4.152	142	31795	18.282	ug/l	95
11) Tert butyl alcohol	5.069	59	14191	104.482	ug/l	98
12) 1,1-Dichloroethene	3.928	96	28444	19.798	ug/l #	81
13) Acrolein	3.787	56	16428	112.293	ug/l	97
14) Allyl chloride	4.558	41	51088	19.444	ug/l #	86
15) Acrylonitrile	5.252	53	44227	100.330	ug/l	97
16) Acetone	4.016	43	31296	83.603	ug/l	99
17) Carbon Disulfide	4.264	76	74077	18.871	ug/l	99
18) Methyl Acetate	4.552	43	35563	20.614	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	76960	19.583	ug/l #	88
20) Methylene Chloride	4.799	84	37813	12.139	ug/l #	86
21) trans-1,2-Dichloroethene	5.299	96	34091	20.530	ug/l	91
22) Diisopropyl ether	6.210	45	111457	19.618	ug/l #	92
23) Vinyl Acetate	6.152	43	278127	98.763	ug/l #	86
24) 1,1-Dichloroethane	6.105	63	63063	19.878	ug/l	99
25) 2-Butanone	7.081	43	55061	95.098	ug/l #	78
26) 2,2-Dichloropropane	7.069	77	53178	19.442	ug/l	93
27) cis-1,2-Dichloroethene	7.069	96	39570	19.690	ug/l	86
28) Bromochloromethane	7.428	49	21310	22.182	ug/l #	68
29) Tetrahydrofuran	7.446	42	38525	103.537	ug/l #	75
30) Chloroform	7.593	83	61637	19.621	ug/l	99
31) Cyclohexane	7.869	56	52251	20.630	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	52313	20.601	ug/l	96
36) 1,1-Dichloropropene	8.005	75	46091	20.350	ug/l	94
37) Ethyl Acetate	7.163	43	24216	18.451	ug/l #	92
38) Carbon Tetrachloride	7.987	117	40525	20.019	ug/l	97
39) Methylcyclohexane	9.269	83	53096	19.976	ug/l	90
40) Benzene	8.252	78	135309	19.590	ug/l	96

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Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	16144	21.783	ug/l	#	77
42) 1,2-Dichloroethane	8.322	62	38158	20.446	ug/l		97
43) Isopropyl Acetate	8.357	43	50373	20.273	ug/l	#	85
44) Trichloroethene	9.022	130	37931	20.358	ug/l		95
45) 1,2-Dichloropropane	9.304	63	38112	20.351	ug/l		97
46) Dibromomethane	9.393	93	19409	19.347	ug/l		97
47) Bromodichloromethane	9.581	83	47852	19.932	ug/l	#	96
48) Methyl methacrylate	9.375	41	20861	18.318	ug/l	#	75
49) 1,4-Dioxane	9.381	88	4929	410.072	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.157	43	133953	105.464	ug/l	#	84
52) Toluene	10.334	92	86081	19.861	ug/l		97
53) t-1,3-Dichloropropene	10.551	75	49260	20.221	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	55278	19.139	ug/l	#	86
55) 1,1,2-Trichloroethane	10.734	97	27808	19.817	ug/l		97
56) Ethyl methacrylate	10.593	69	37015	20.202	ug/l	#	66
57) 1,3-Dichloropropane	10.875	76	47526	19.781	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.869	63	79059	101.774	ug/l		90
59) 2-Hexanone	10.922	43	90321	102.230	ug/l		83
60) Dibromochloromethane	11.069	129	32640	19.987	ug/l		93
61) 1,2-Dibromoethane	11.175	107	25973	19.717	ug/l		99
64) Tetrachloroethene	10.810	164	31539	21.601	ug/l		98
65) Chlorobenzene	11.604	112	93078	20.142	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	32450	19.635	ug/l		98
67) Ethyl Benzene	11.681	91	165717	20.238	ug/l		96
68) m/p-Xylenes	11.793	106	127106	39.766	ug/l		91
69) o-Xylene	12.122	106	60828	19.992	ug/l		93
70) Styrene	12.134	104	106935	20.345	ug/l		95
71) Bromoform	12.298	173	20108	20.264	ug/l	#	96
73) Isopropylbenzene	12.422	105	160603	20.577	ug/l		96
74) N-amyl acetate	12.234	43	47062	20.597	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	36498	22.662	ug/l		96
76) 1,2,3-Trichloropropane	12.722	75	26849m	23.336	ug/l		
77) Bromobenzene	12.698	156	38314	19.898	ug/l		87
78) n-propylbenzene	12.763	91	196677	20.408	ug/l		97
79) 2-Chlorotoluene	12.845	91	107472	20.308	ug/l		96
80) 1,3,5-Trimethylbenzene	12.904	105	129773	20.360	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.463	75	11518	21.937	ug/l		94
82) 4-Chlorotoluene	12.945	91	110690	20.140	ug/l		100
83) tert-Butylbenzene	13.163	119	115384	20.373	ug/l		97
84) 1,2,4-Trimethylbenzene	13.210	105	129188	20.113	ug/l		95
85) sec-Butylbenzene	13.345	105	170012	20.229	ug/l		99
86) p-Isopropyltoluene	13.463	119	141765	20.187	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	75475	19.955	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	75638	20.051	ug/l		96
89) n-Butylbenzene	13.787	91	141936	20.721	ug/l		96
90) Hexachloroethane	14.051	117	25780	19.893	ug/l		98
91) 1,2-Dichlorobenzene	13.834	146	67857	20.531	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5131	21.166	ug/l		94
93) 1,2,4-Trichlorobenzene	15.098	180	44045	19.996	ug/l		98
94) Hexachlorobutadiene	15.204	225	22854	21.341	ug/l		99
95) Naphthalene	15.328	128	92210	20.934	ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	37802	19.698	ug/l		96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Manual Integrations
APPROVED

Reviewed By :John
Carlone
06/20/2023

Supervised By :Mahesh
Dadoda
06/20/2023

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

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Manual Integrations
APPROVED

Reviewed By :John

Carlone

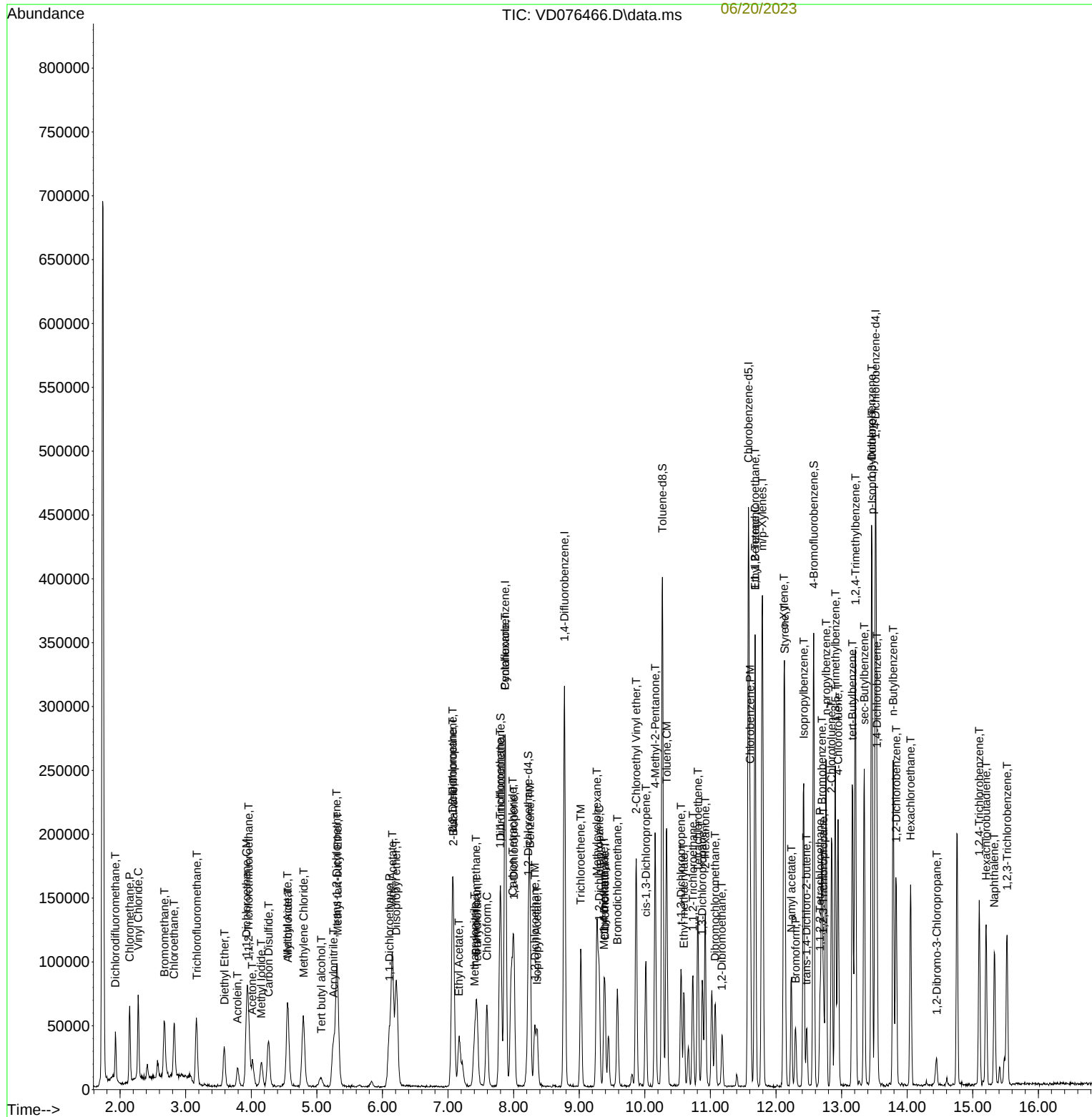
06/20/2023

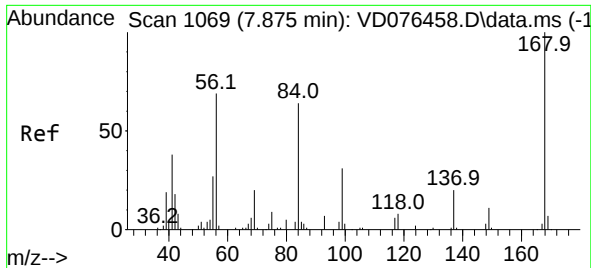
Supervised By :Mahesh

Dadoda

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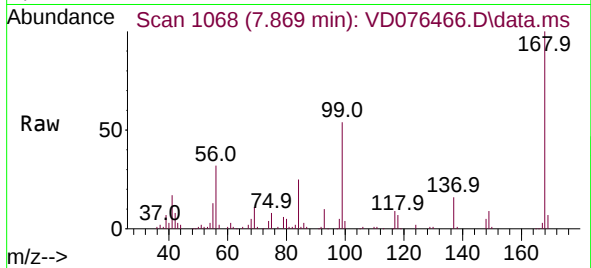
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

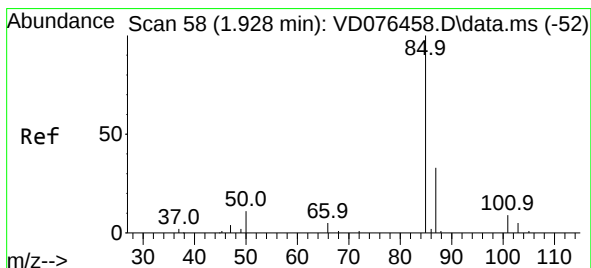
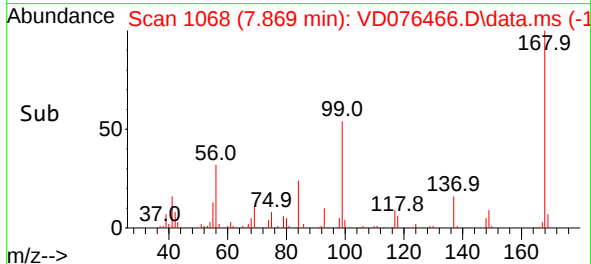
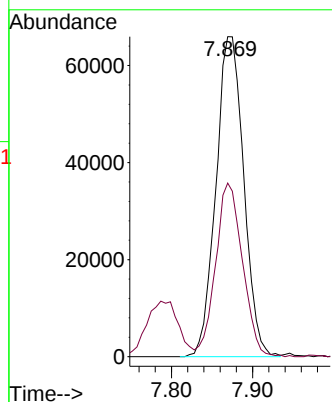
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion:168 Resp: 15701
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1

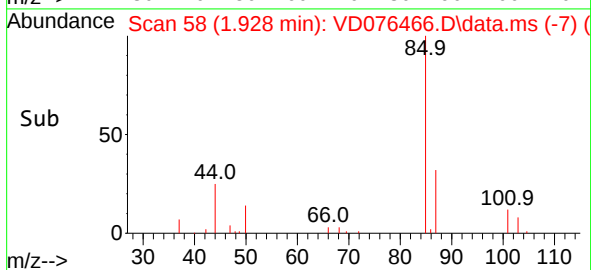
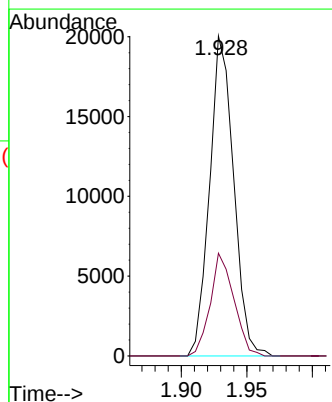
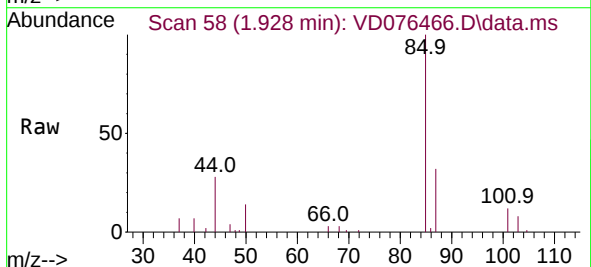
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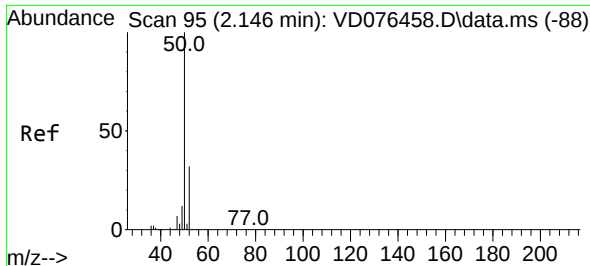
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#2
Dichlorodifluoromethane
Concen: 21.433 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

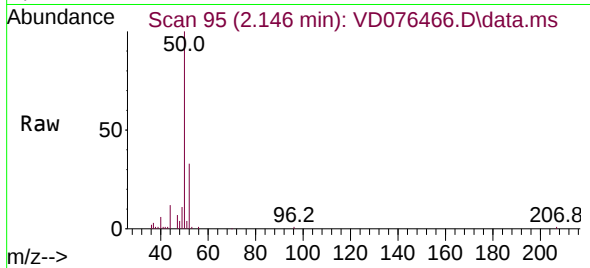
Tgt Ion: 85 Resp: 25571
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 19.888 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

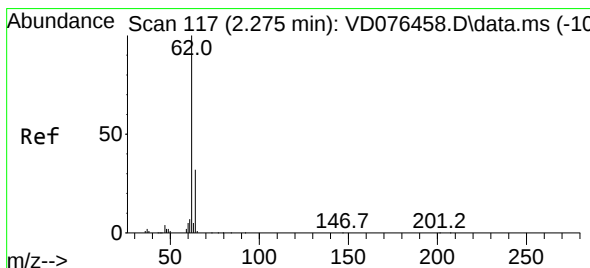
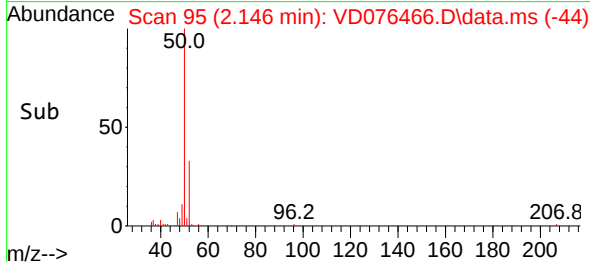
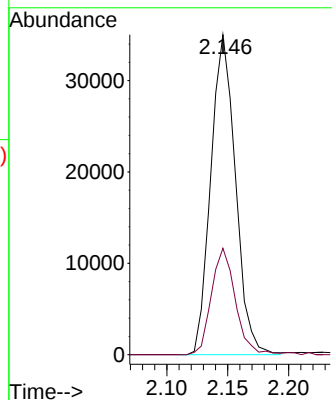


Tgt Ion: 50 Resp: 49348
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

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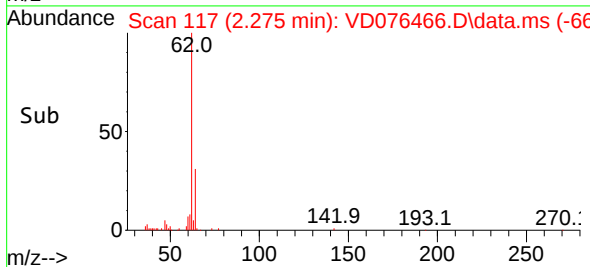
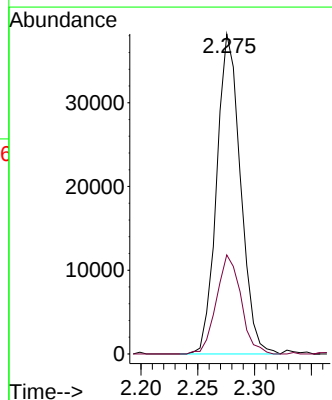
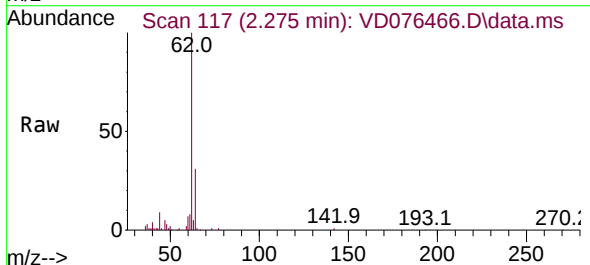
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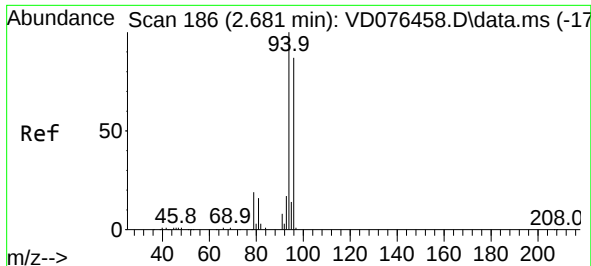
Supervised By :Mahesh
Dadoda
06/20/2023



#4
Vinyl Chloride
Concen: 20.171 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

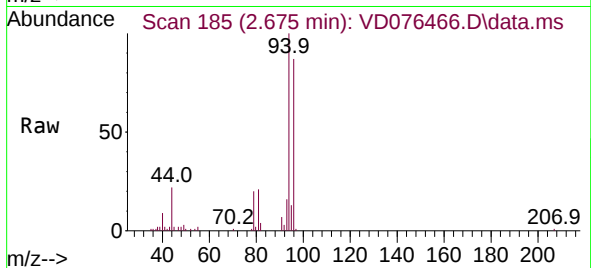
Tgt Ion: 62 Resp: 55830
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0





#5
Bromomethane
Concen: 18.941 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

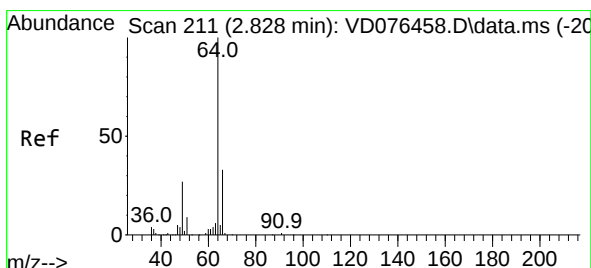
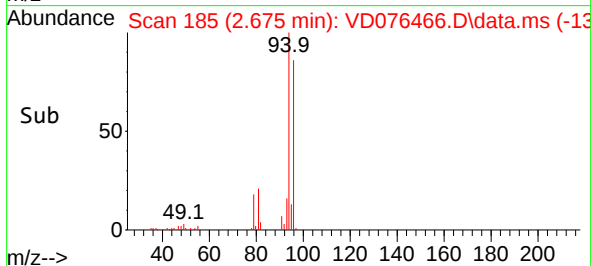
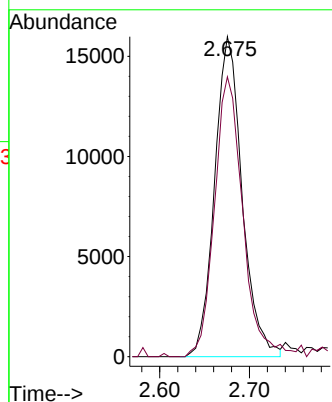
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 34089
Ion Ratio Lower Upper
94 100
96 89.9 75.8 113.8

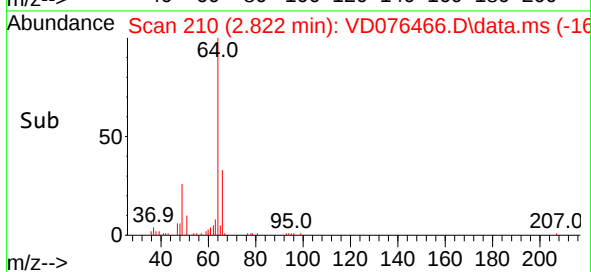
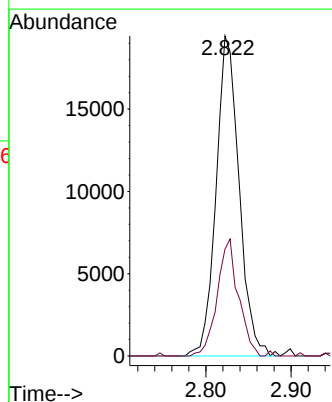
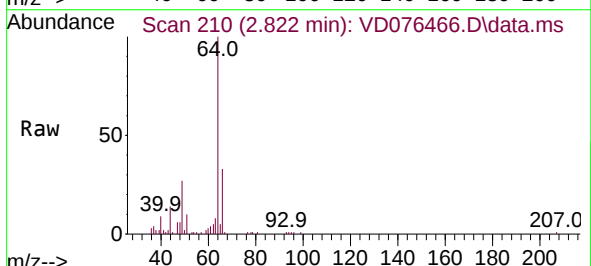
Manual Integrations
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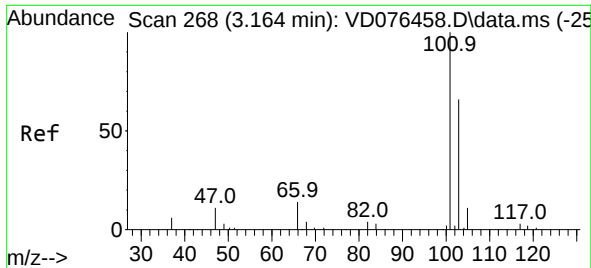
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#6
Chloroethane
Concen: 19.252 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 64 Resp: 36522
Ion Ratio Lower Upper
64 100
66 33.4 25.5 38.3





#7
Trichlorofluoromethane
Concen: 20.898 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

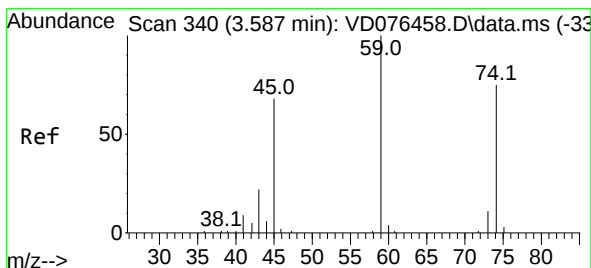
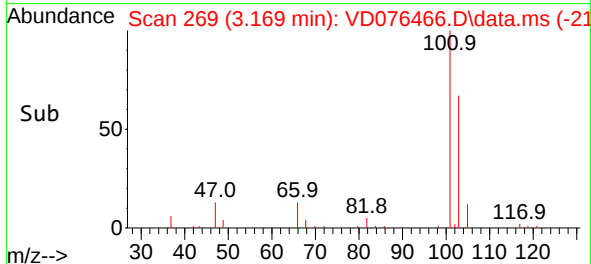
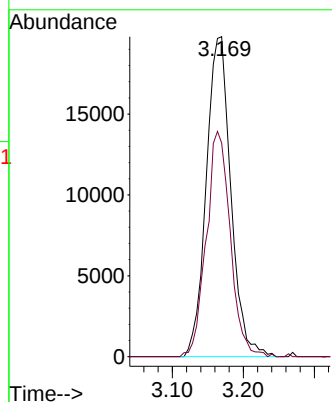
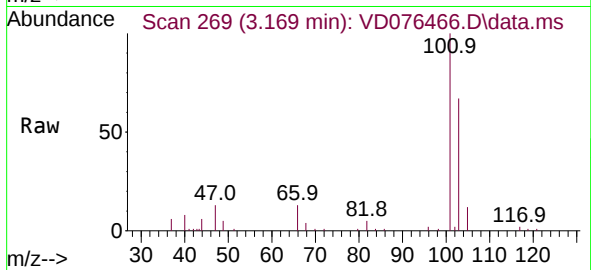
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Tgt Ion:101 Resp: 4760
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5

Manual Integrations
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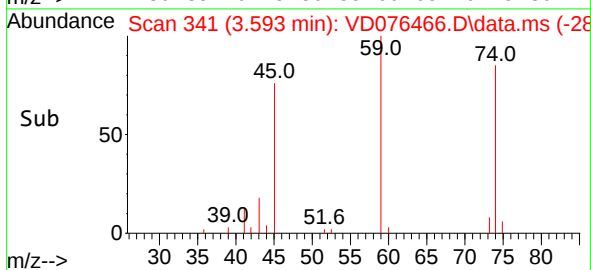
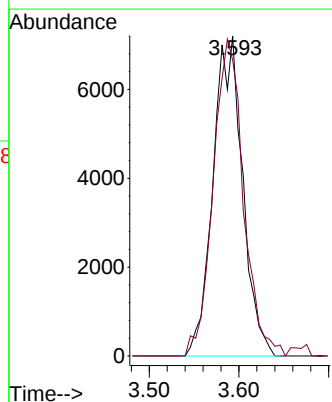
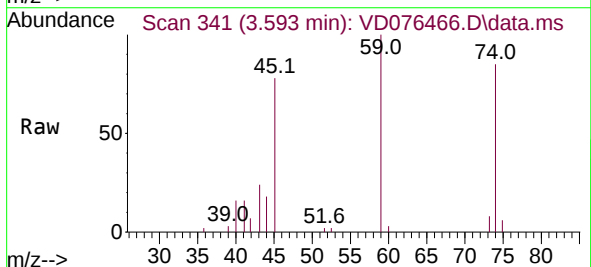
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Carlone
06/20/2023

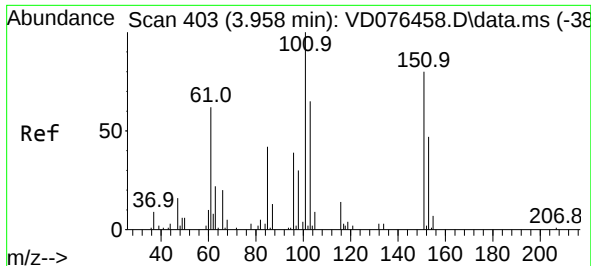
Supervised By :Mahesh
Dadoda
06/20/2023



#8
Diethyl Ether
Concen: 19.159 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 74 Resp: 16424
Ion Ratio Lower Upper
74 100
45 101.5 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.849 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

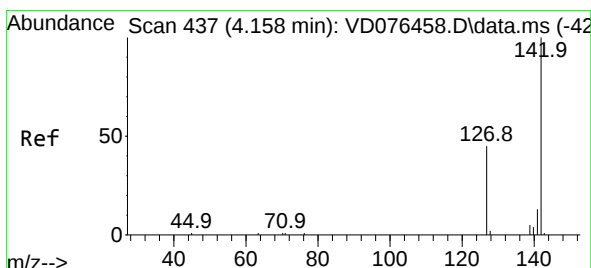
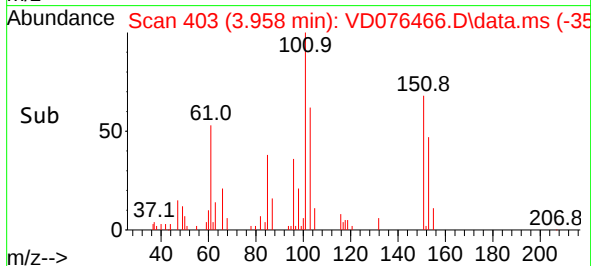
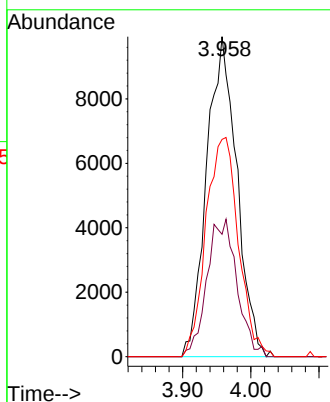
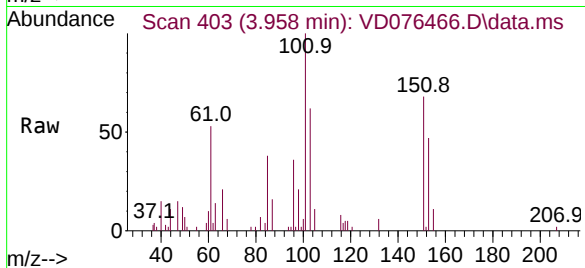
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion:101 Resp: 3058
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 73.6 59.8 89.6

Manual Integrations
APPROVED

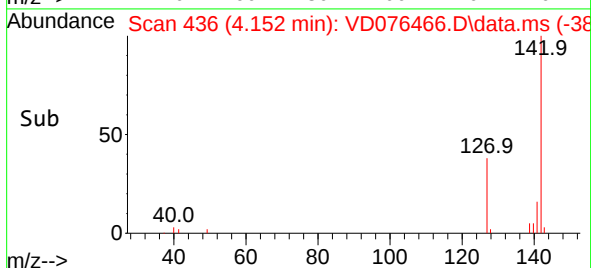
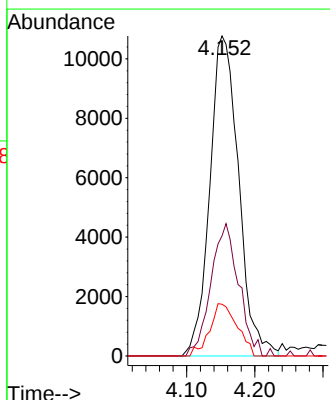
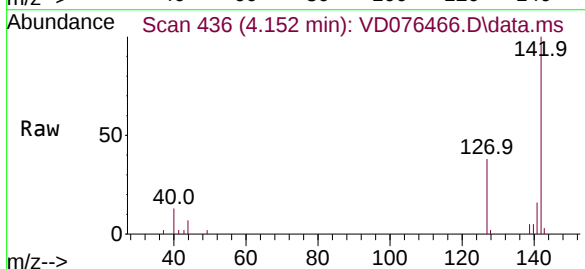
Reviewed By :John
Carlone
06/20/2023

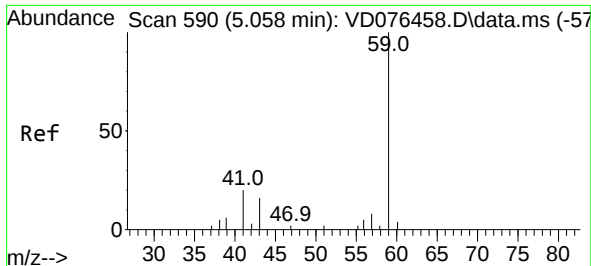
Supervised By :Mahesh
Dadoda
06/20/2023



#10
Methyl Iodide
Concen: 18.282 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

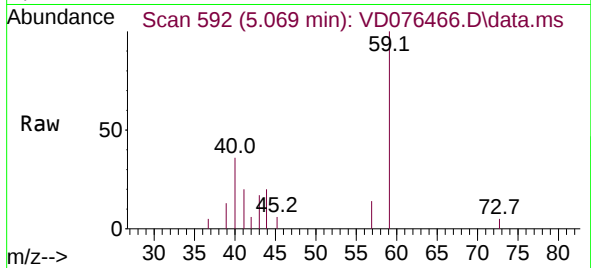
Tgt Ion:142 Resp: 31795
Ion Ratio Lower Upper
142 100
127 39.7 29.4 44.0
141 15.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 104.482 ug/l
RT: 5.069 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

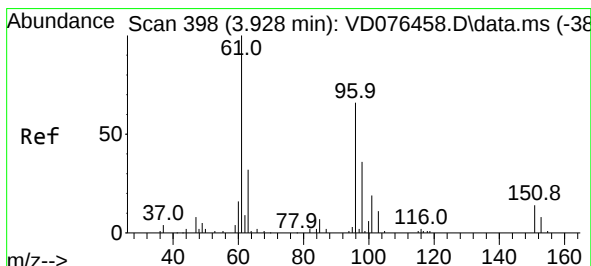
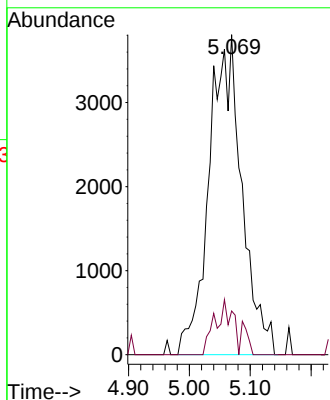
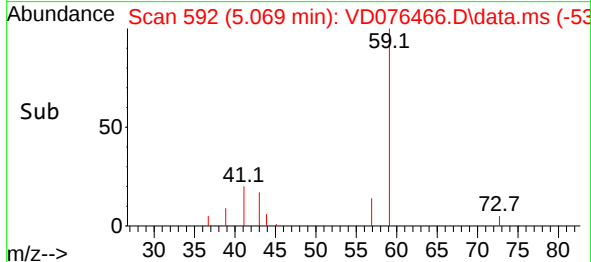
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



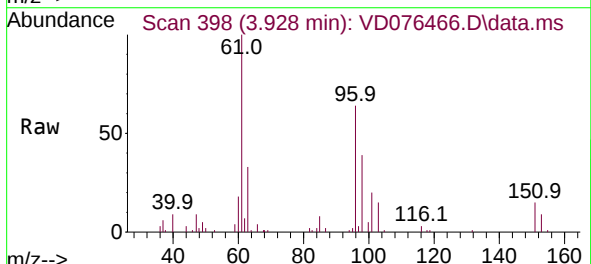
Tgt Ion: 59 Resp: 1419
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.8

Manual Integrations
APPROVED

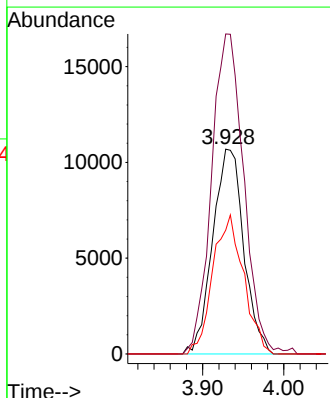
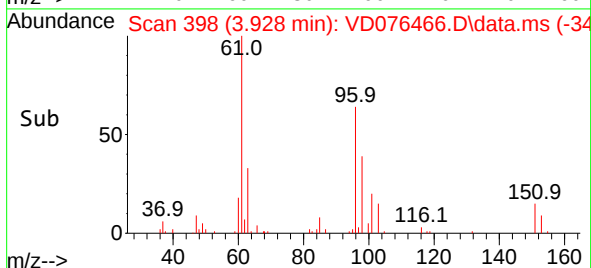
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023

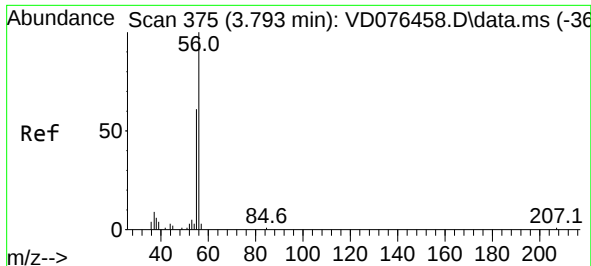


#12
1,1-Dichloroethene
Concen: 19.798 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11



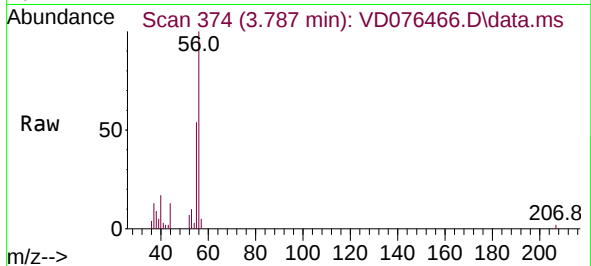
Tgt Ion: 96 Resp: 28444
Ion Ratio Lower Upper
96 100
61 156.2 100.6 150.8#
98 60.4 50.2 75.2





#13
Acrolein
Concen: 112.293 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

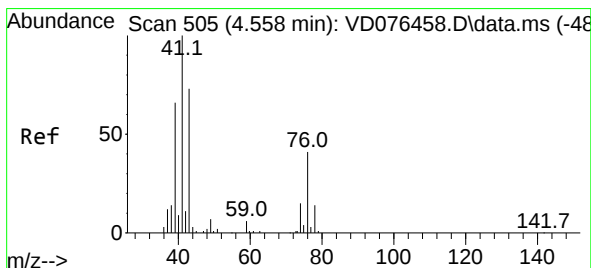
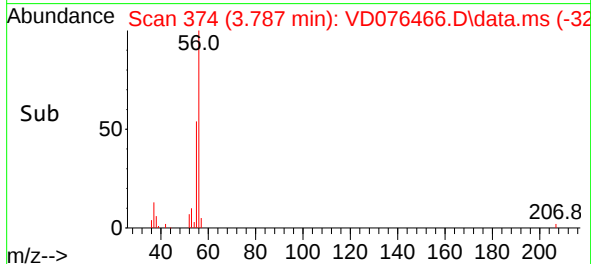
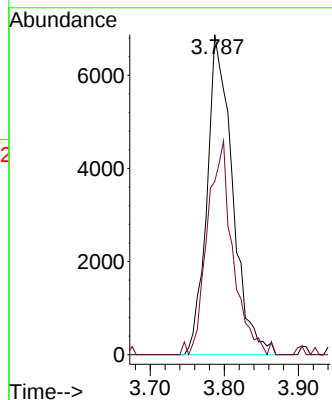


Tgt Ion: 56 Resp: 16428
Ion Ratio Lower Upper
56 100
55 66.5 55.1 82.7

Manual Integrations
APPROVED

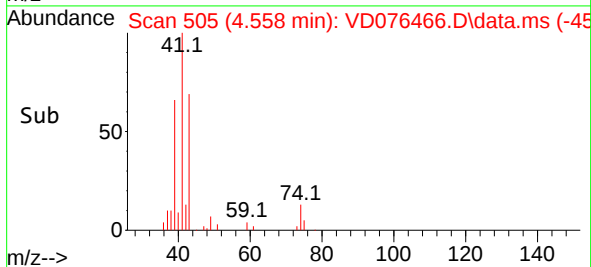
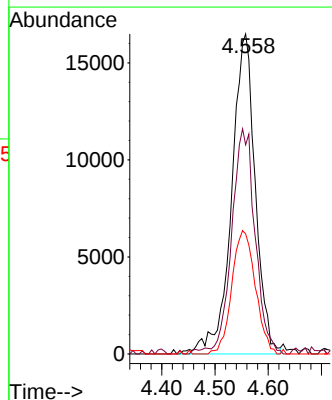
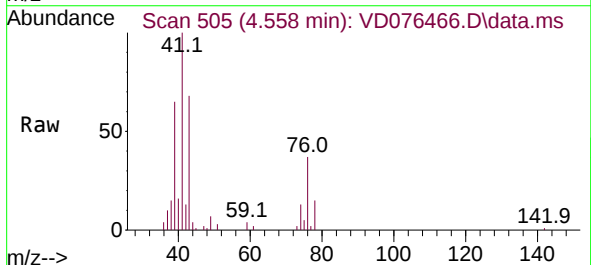
Reviewed By :John
Carlone
06/20/2023

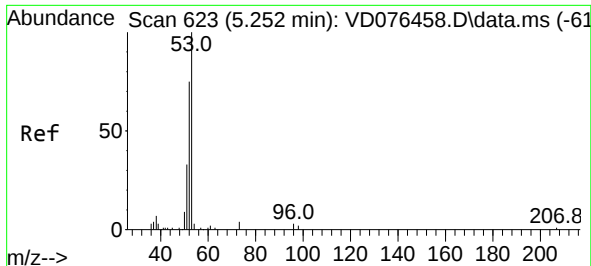
Supervised By :Mahesh
Dadoda
06/20/2023



#14
Allyl chloride
Concen: 19.444 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

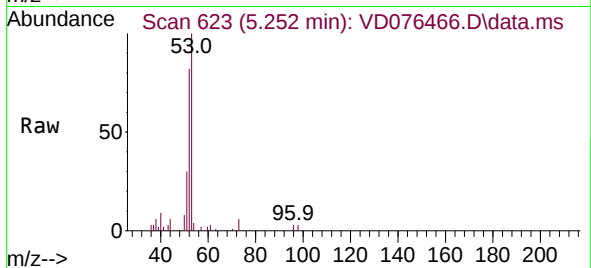
Tgt Ion: 41 Resp: 51088
Ion Ratio Lower Upper
41 100
39 69.9 53.8 80.6
76 38.2 45.8 68.8#





#15
Acrylonitrile
Concen: 100.330 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

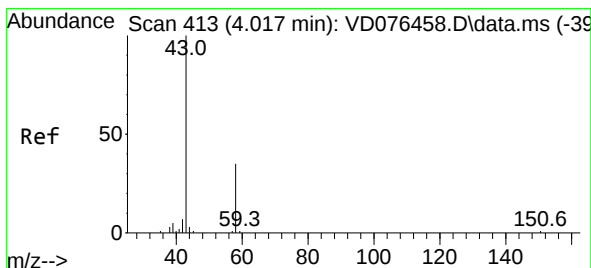
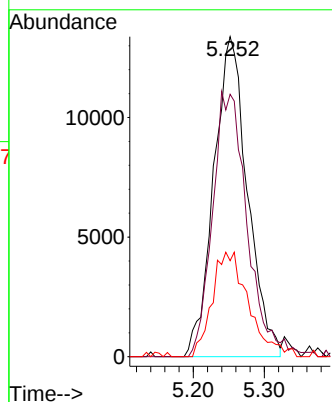


Tgt Ion: 53 Resp: 4422
Ion Ratio Lower Upper
53 100
52 85.2 65.0 97.4
51 35.4 28.3 42.5

Manual Integrations
APPROVED

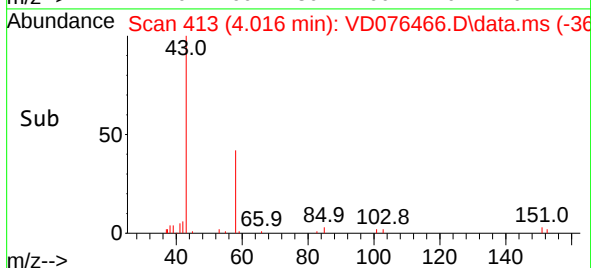
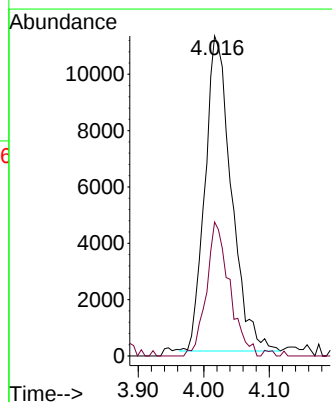
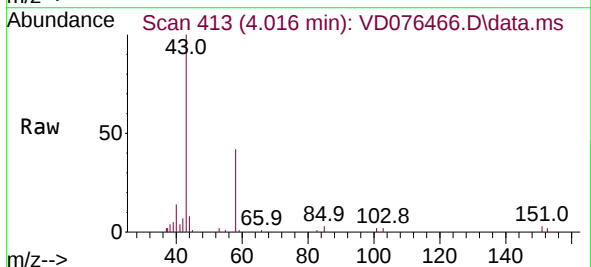
Reviewed By :John
Carlone
06/20/2023

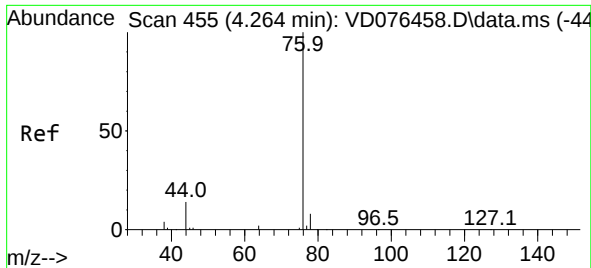
Supervised By :Mahesh
Dadoda
06/20/2023



#16
Acetone
Concen: 83.603 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

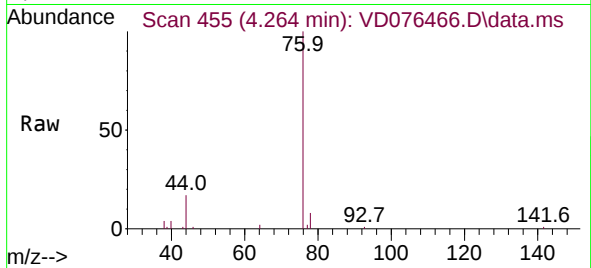
Tgt Ion: 43 Resp: 31296
Ion Ratio Lower Upper
43 100
58 42.5 34.7 52.1





#17
Carbon Disulfide
Concen: 18.871 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

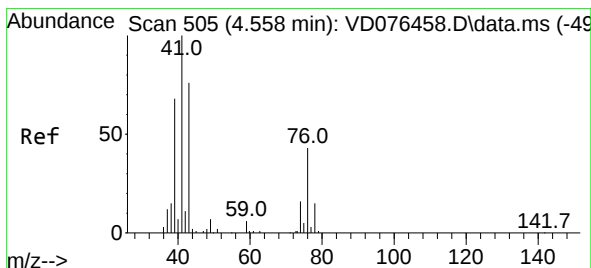
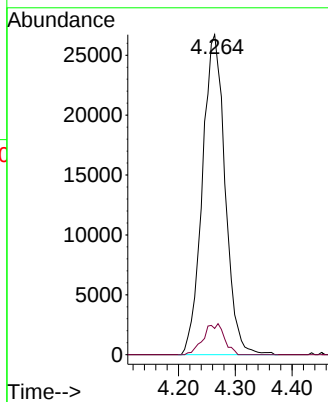
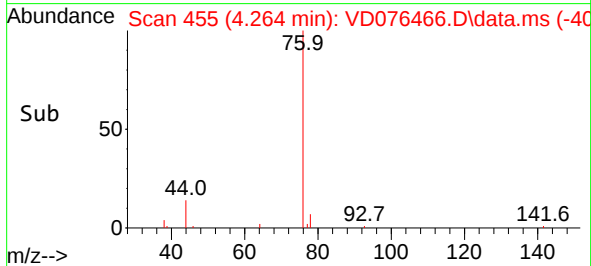
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 76 Resp: 7407
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

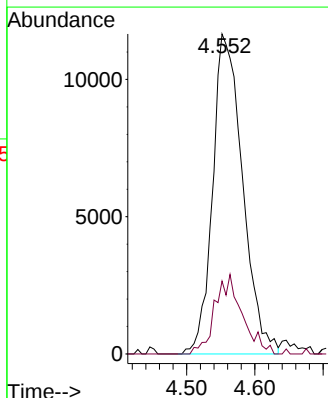
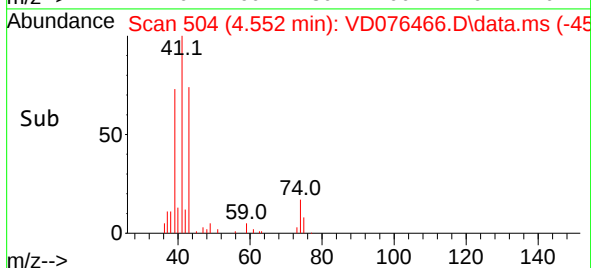
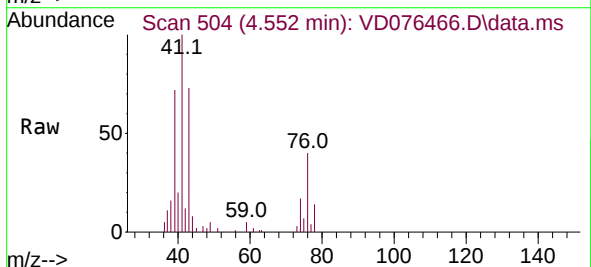
Manual Integrations
APPROVED

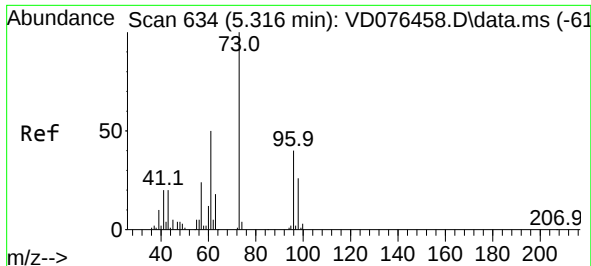
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#18
Methyl Acetate
Concen: 20.614 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

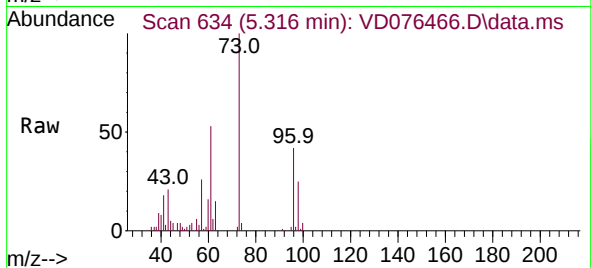
Tgt Ion: 43 Resp: 35563
Ion Ratio Lower Upper
43 100
74 22.6 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 19.583 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

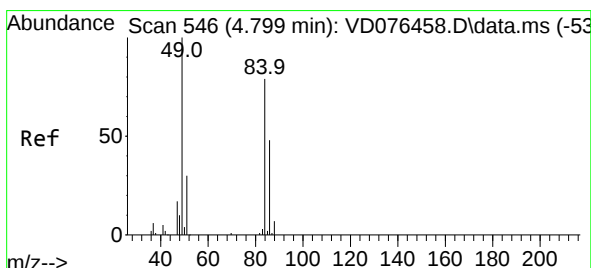
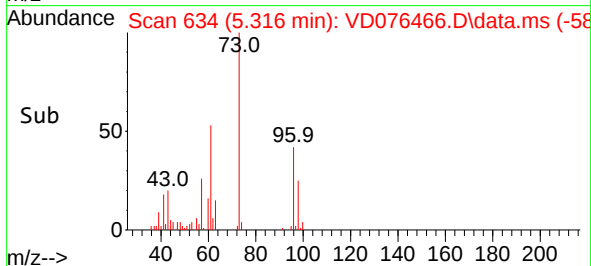
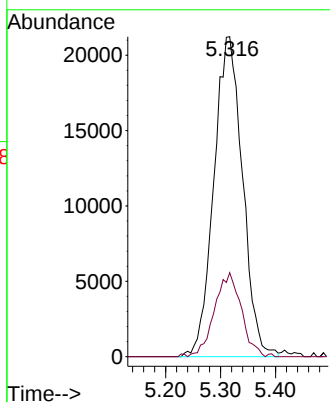
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 73 Resp: 76960
Ion Ratio Lower Upper
73 100
57 26.3 16.6 25.0

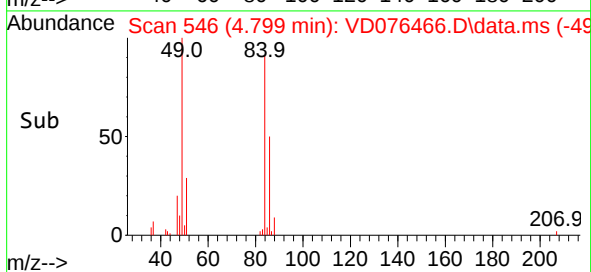
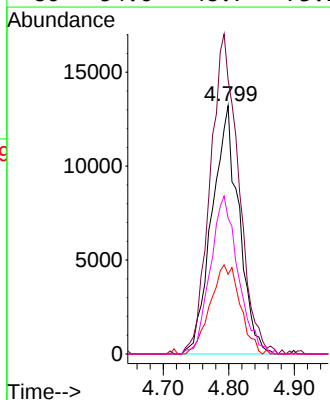
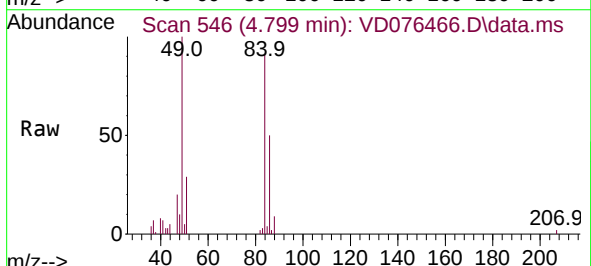
Manual Integrations
APPROVED

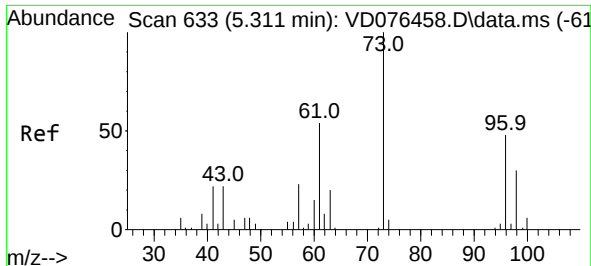
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#20
Methylene Chloride
Concen: 12.139 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

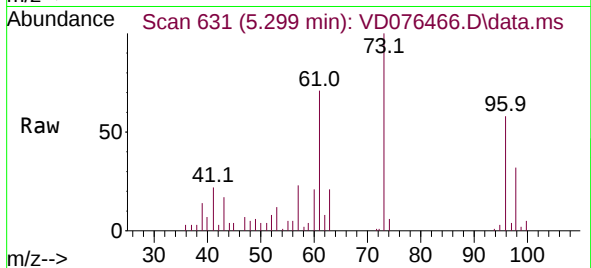
Tgt Ion: 84 Resp: 37813
Ion Ratio Lower Upper
84 100
49 110.2 71.4 107.2#
51 32.1 24.5 36.7
86 54.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.530 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

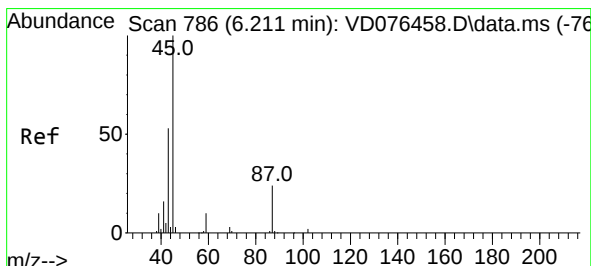
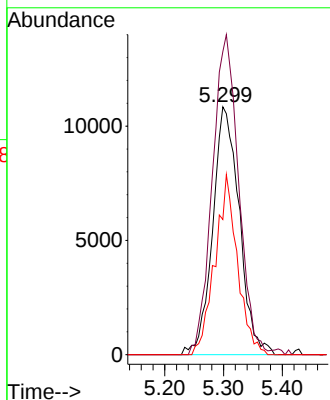
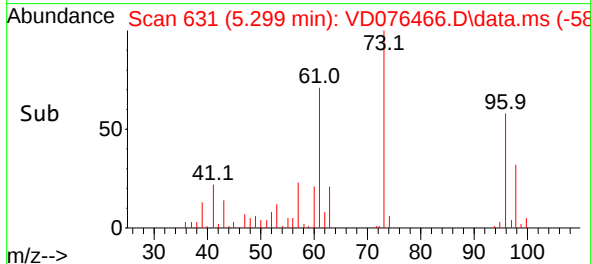


Tgt Ion: 96 Resp: 3409
Ion Ratio Lower Upper
96 100
61 122.3 89.3 133.9
98 54.6 48.6 73.0

Manual Integrations
APPROVED

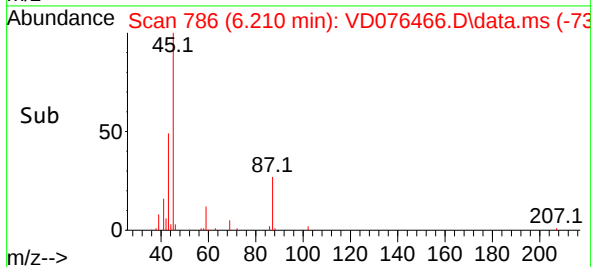
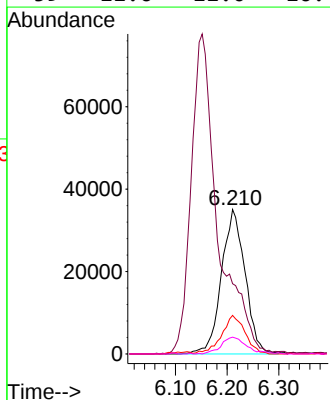
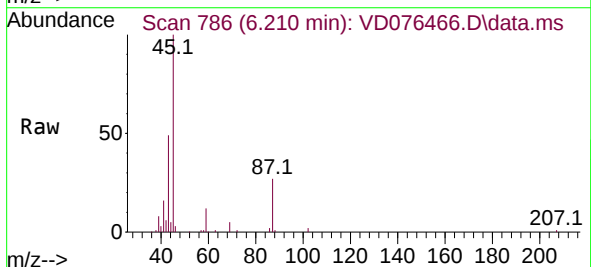
Reviewed By :John
Carlone
06/20/2023

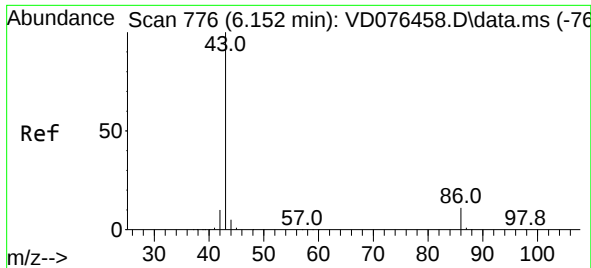
Supervised By :Mahesh
Dadoda
06/20/2023



#22
Diisopropyl ether
Concen: 19.618 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

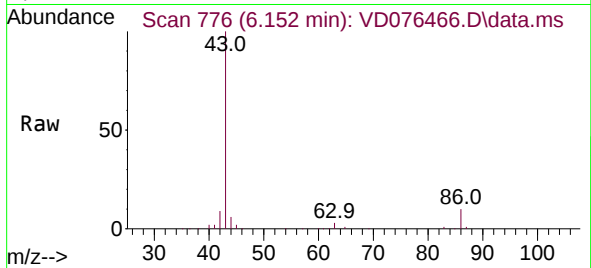
Tgt Ion: 45 Resp: 111457
Ion Ratio Lower Upper
45 100
43 46.9 40.0 60.0
87 26.7 28.2 42.4#
59 11.6 11.0 16.4





#23
 Vinyl Acetate
 Concen: 98.763 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

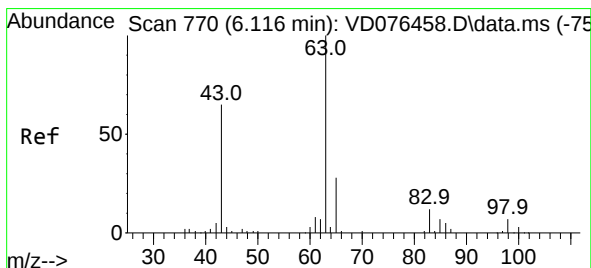
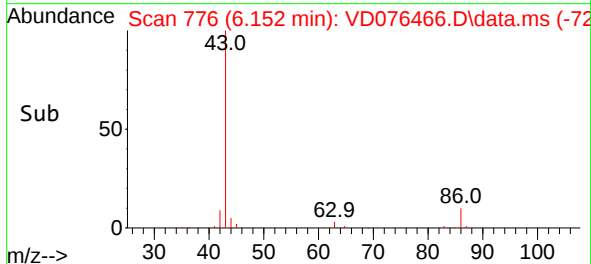
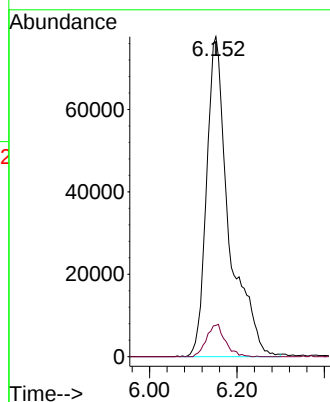
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01



Tgt Ion: 43 Resp: 27812
 Ion Ratio Lower Upper
 43 100
 86 9.8 12.5 18.7

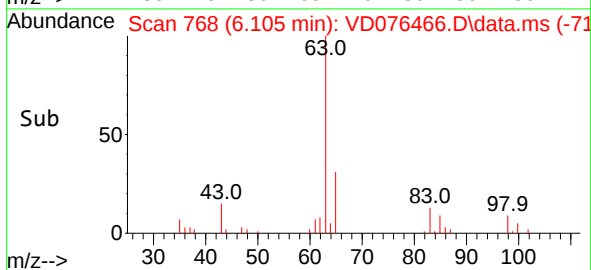
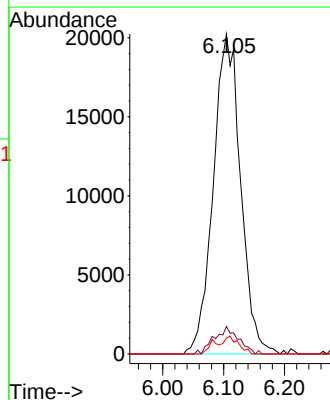
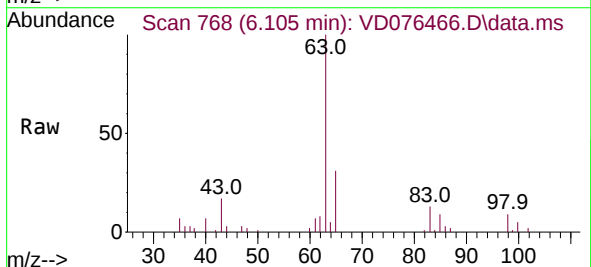
Manual Integrations
 APPROVED

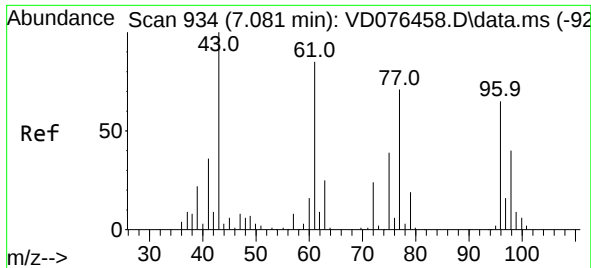
Reviewed By :John
 Carlone
 06/20/2023
 Supervised By :Mahesh
 Dadoda
 06/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.878 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

Tgt Ion: 63 Resp: 63063
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 4.9 2.5 7.5





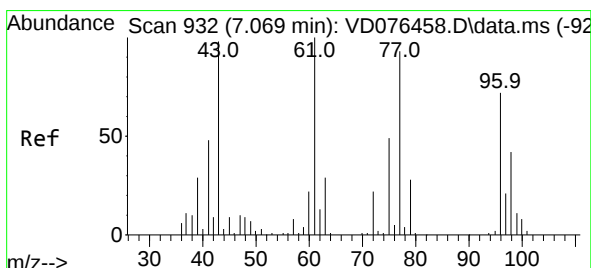
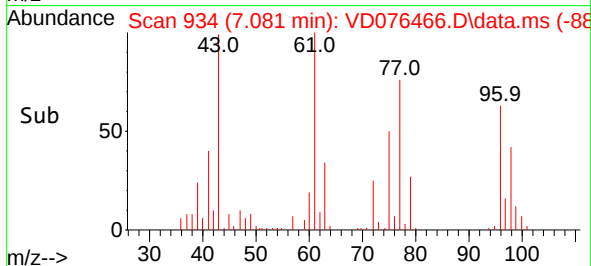
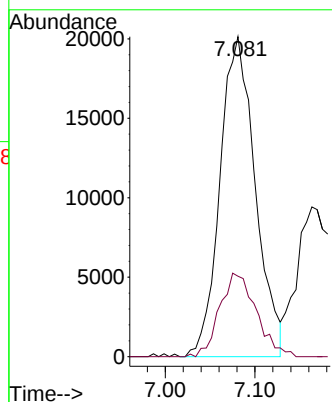
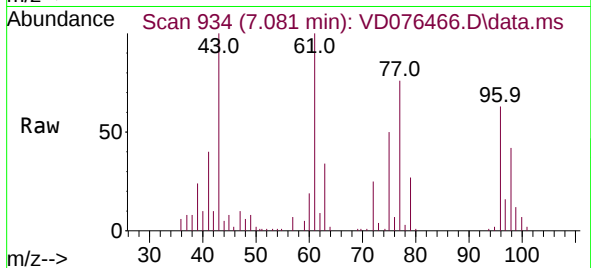
#25
2-Butanone
Concen: 95.098 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion: 43 Resp: 5506
Ion Ratio Lower Upper
43 100
72 25.1 30.7 46.1

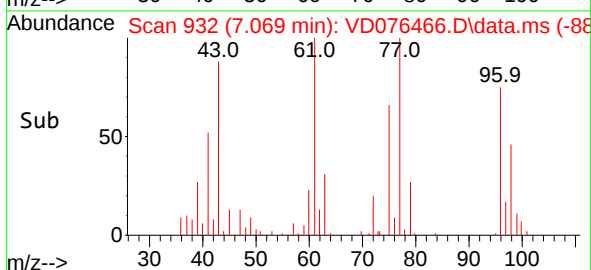
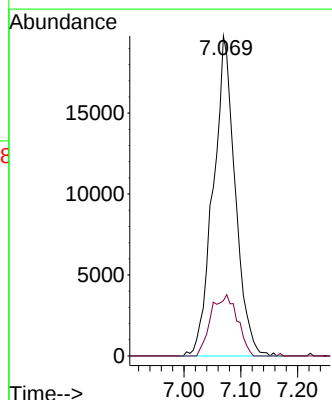
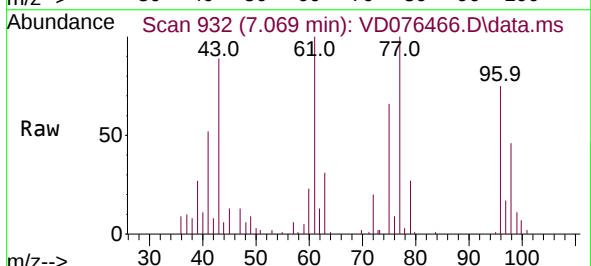
Manual Integrations
APPROVED

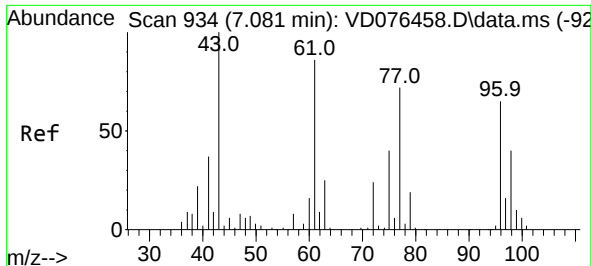
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#26
2,2-Dichloropropane
Concen: 19.442 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 77 Resp: 53178
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.690 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 96 Resp: 39570

Ion Ratio Lower Upper

96 100

61 143.4 0.0 239.2

98 64.2 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John

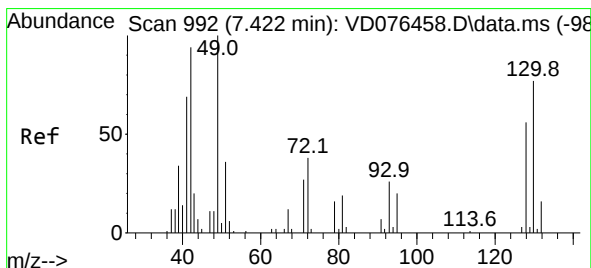
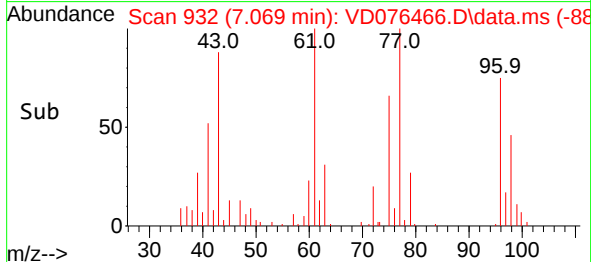
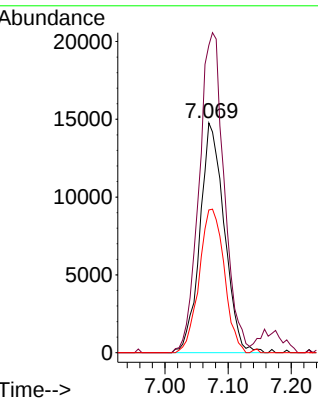
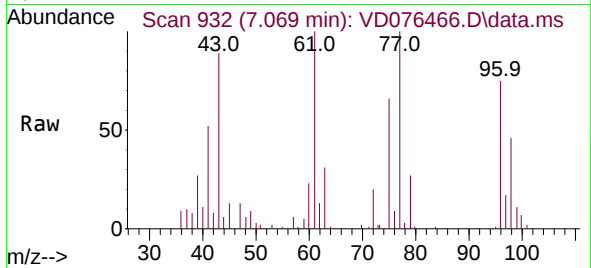
Carlone

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#28

Bromochloromethane

Concen: 22.182 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

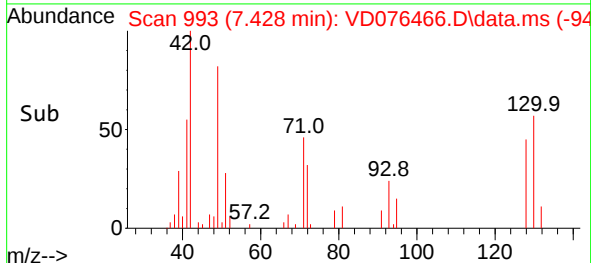
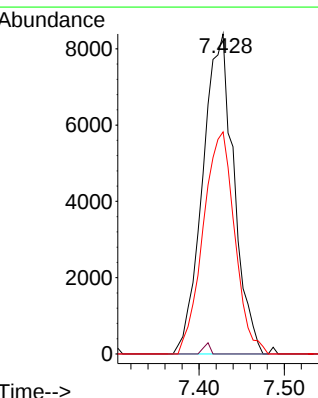
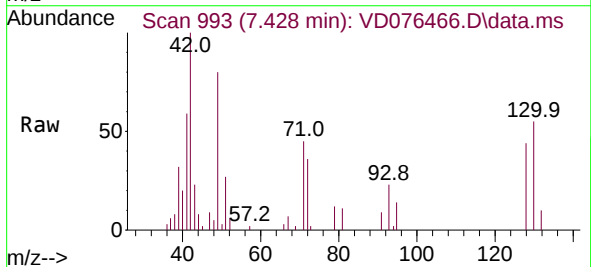
Tgt Ion: 49 Resp: 21310

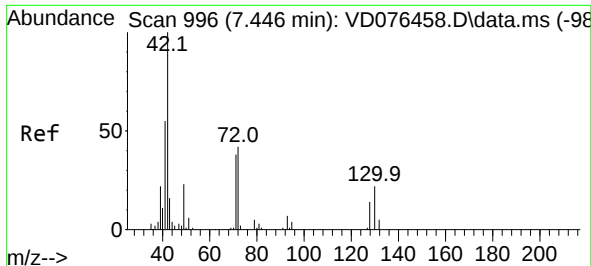
Ion Ratio Lower Upper

49 100

129 0.7 0.0 6.0

130 70.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 103.537 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076466.D

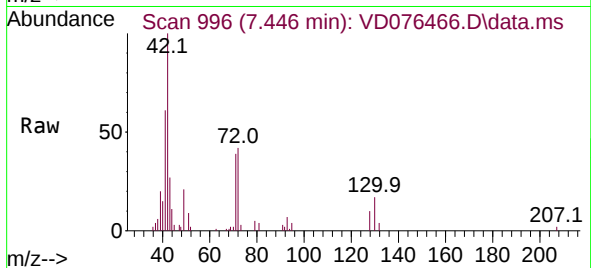
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion:	42	Resp:	3852
Ion Ratio	Lower	Upper	
42	100		
72	39.3	46.5	69.7
71	38.1	44.5	66.7

Manual Integrations
APPROVED

Reviewed By :John

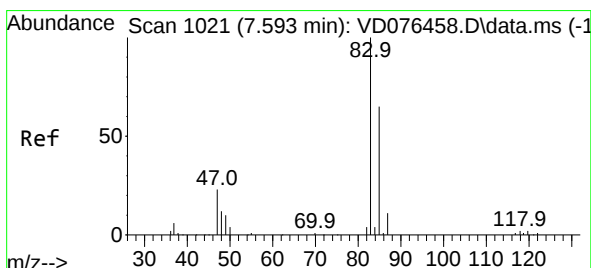
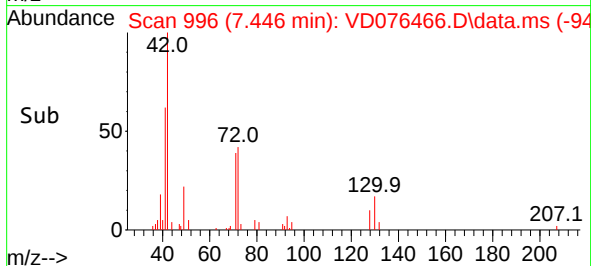
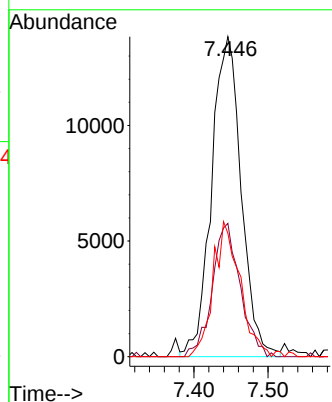
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#30

Chloroform

Concen: 19.621 ug/l

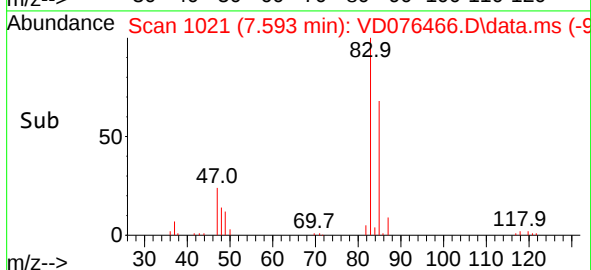
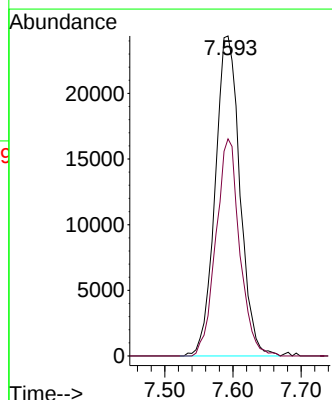
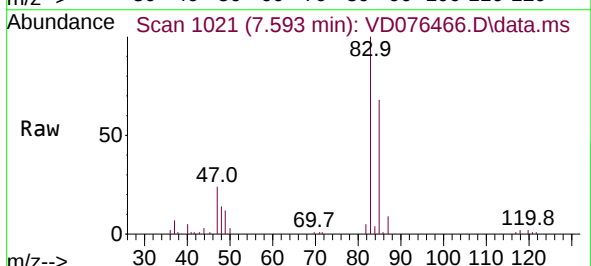
RT: 7.593 min Scan# 1021

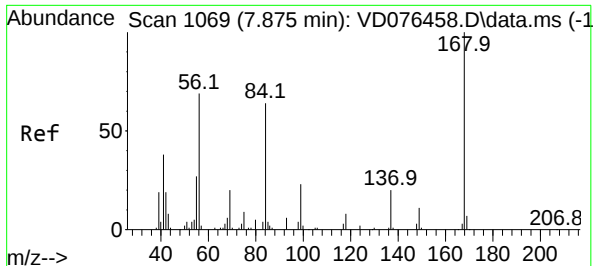
Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Tgt Ion:	83	Resp:	61637
Ion Ratio	Lower	Upper	
83	100		
85	67.9	53.4	80.2





#31

Cyclohexane

Concen: 20.630 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076466.D

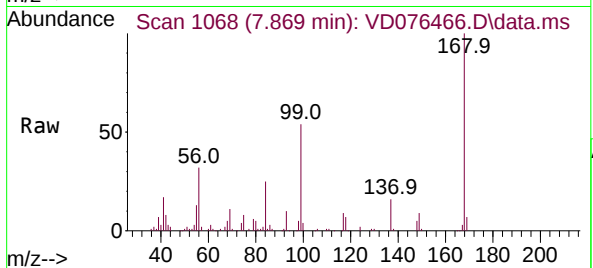
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion:	56	Resp:	5225
Ion Ratio	100	Lower	Upper
56	100		
69	36.3	28.6	43.0
84	78.2	84.8	127.2

Manual Integrations
APPROVED

Reviewed By :John

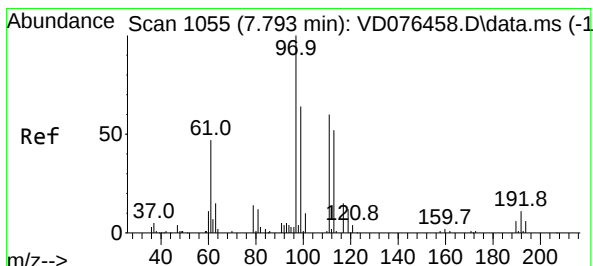
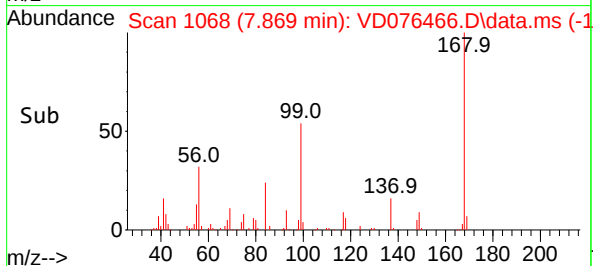
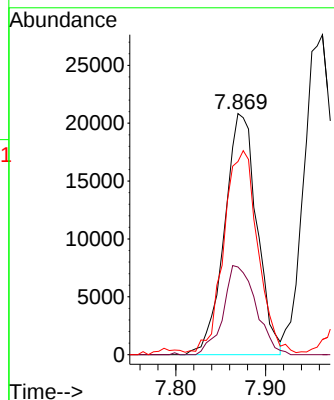
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#32

1,1,1-Trichloroethane

Concen: 20.601 ug/l

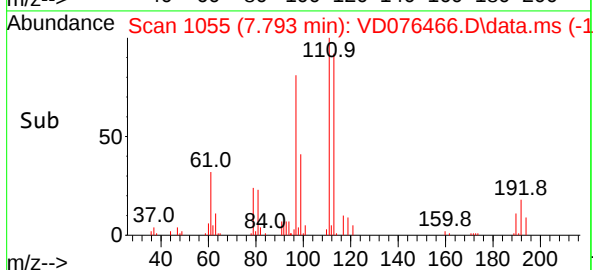
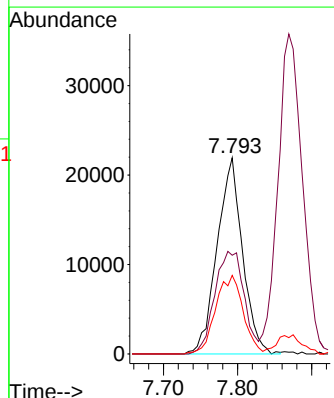
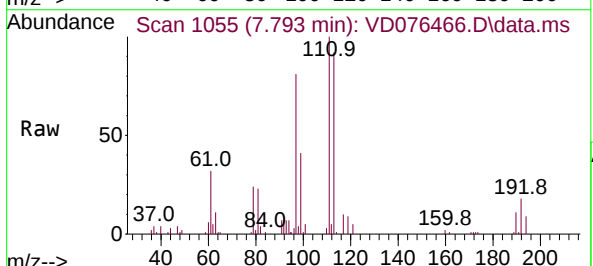
RT: 7.793 min Scan# 1055

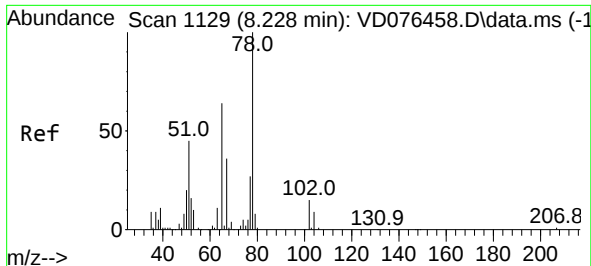
Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Tgt Ion:	97	Resp:	52313
Ion Ratio	100	Lower	Upper
97	100		
99	60.3	52.0	78.0
61	43.2	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 44.087 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076466.D

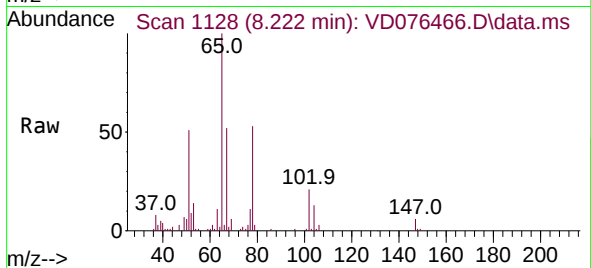
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion: 65 Resp: 69354

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John

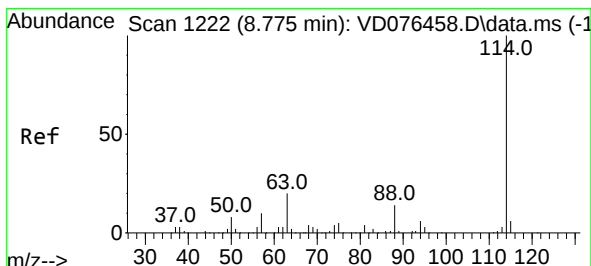
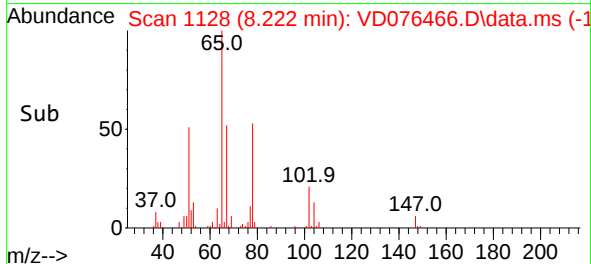
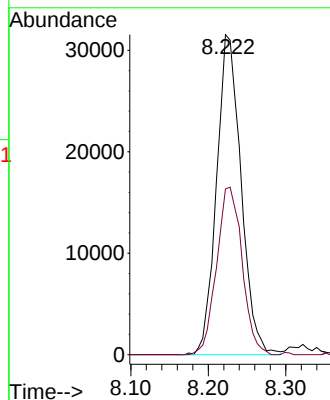
Carlone

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

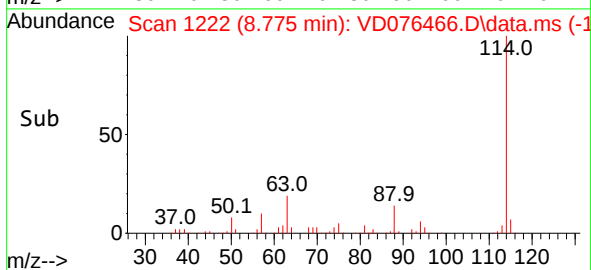
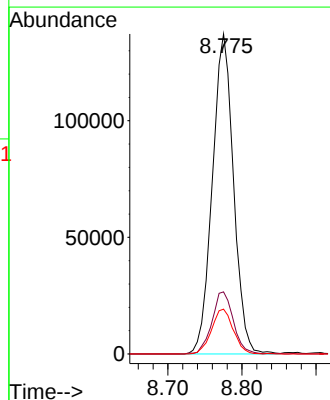
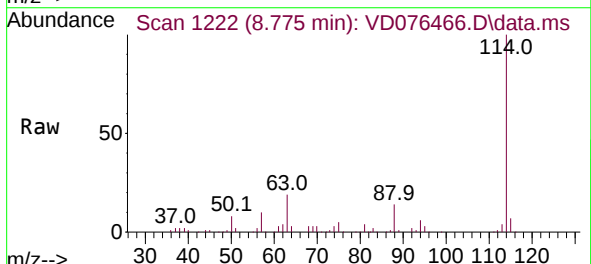
Tgt Ion:114 Resp: 272253

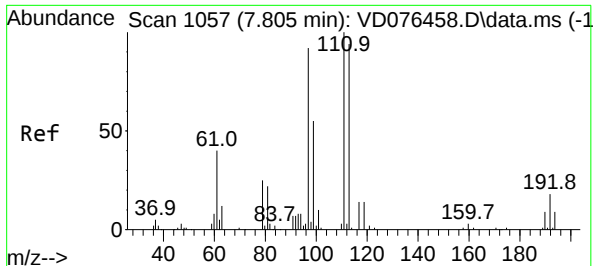
Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.230 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 113 Resp: 7315

Ion	Ratio	Lower	Upper
113	100		
111	104.2	84.7	127.1
192	21.9	16.8	25.2

Manual Integrations
APPROVED

Reviewed By :John

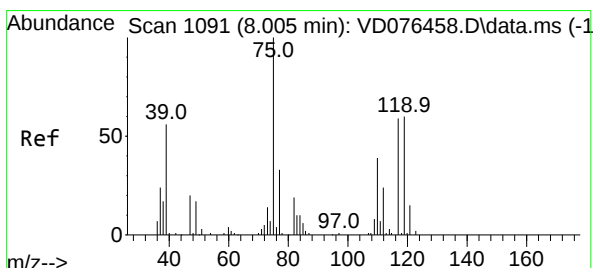
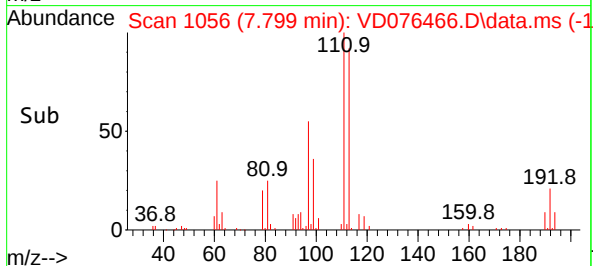
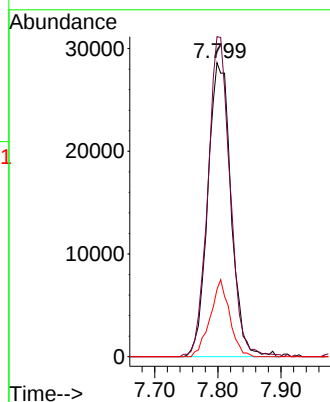
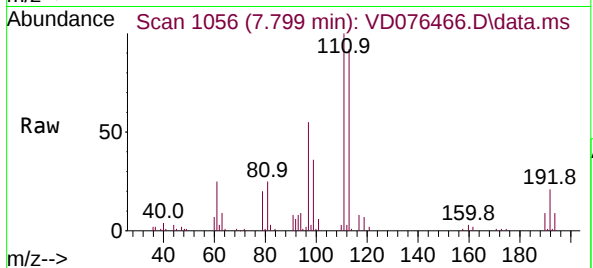
Carlone

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#36

1,1-Dichloropropene

Concen: 20.350 ug/l

RT: 8.005 min Scan# 1091

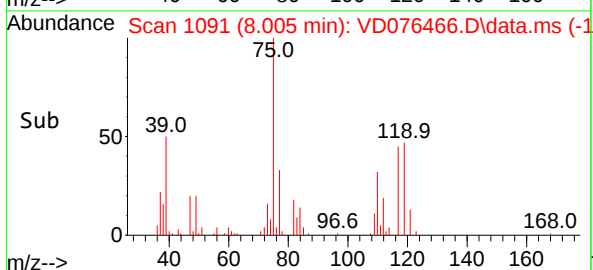
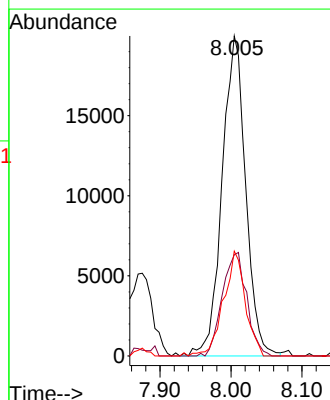
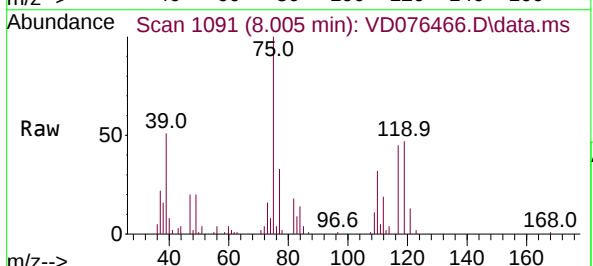
Delta R.T. -0.000 min

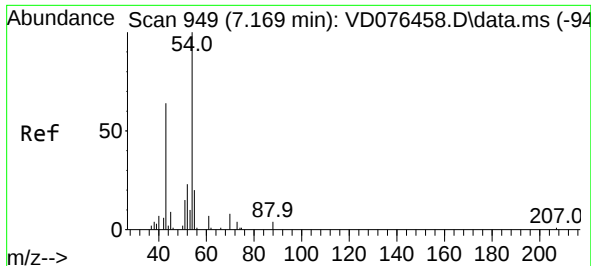
Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Tgt Ion: 75 Resp: 46091

Ion	Ratio	Lower	Upper
75	100		
110	33.5	19.9	59.6
77	30.2	24.7	37.1





#37

Ethyl Acetate

Concen: 18.451 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076466.D

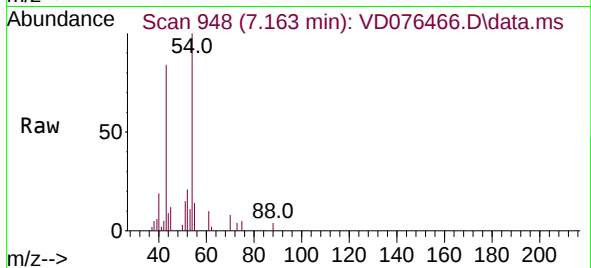
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion:	43	Resp:	24210
Ion	Ratio	Lower	Upper
43	100		
61	15.8	14.9	22.3
70	8.6	10.0	15.0

Manual Integrations
APPROVED

Reviewed By :John

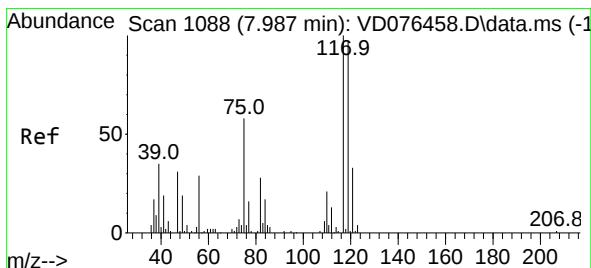
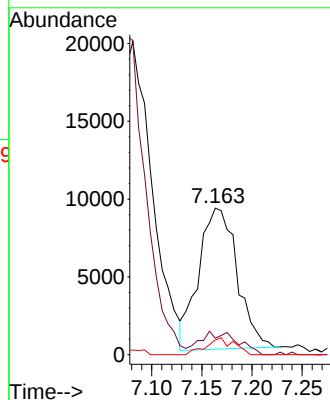
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#38

Carbon Tetrachloride

Concen: 20.019 ug/l

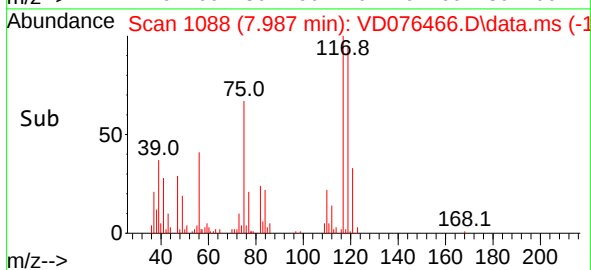
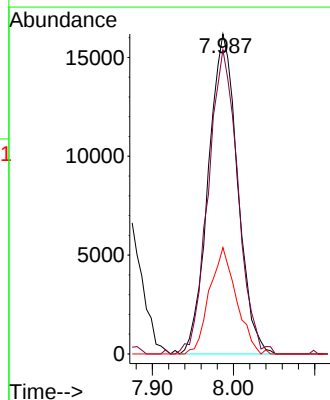
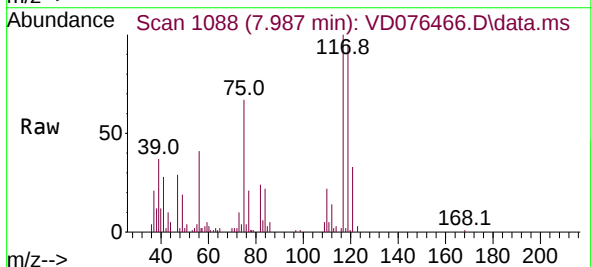
RT: 7.987 min Scan# 1088

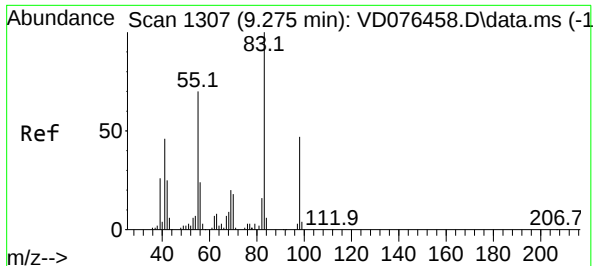
Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Tgt Ion:	117	Resp:	40525
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
121	33.3	24.2	36.2





#39

Methylcyclohexane

Concen: 19.976 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076466.D

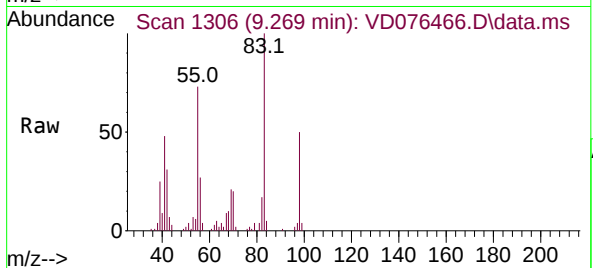
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion: 83	Resp: 53090
Ion Ratio	Lower Upper
83	100
55	72.5 49.4 74.0
98	50.4 38.4 57.6

Manual Integrations
APPROVED

Reviewed By :John

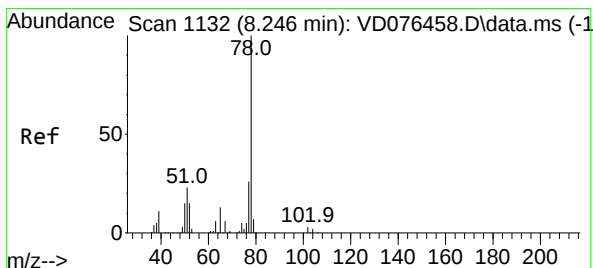
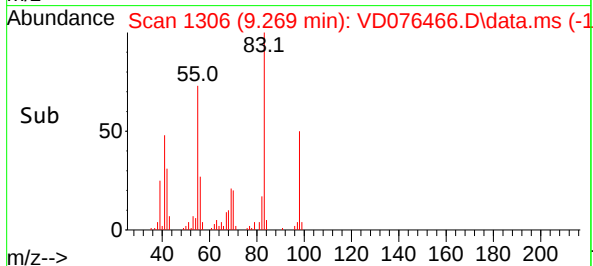
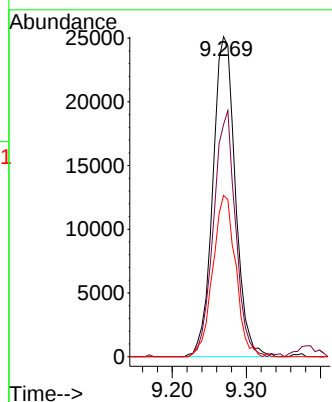
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Dadoda

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#40

Benzene

Concen: 19.590 ug/l

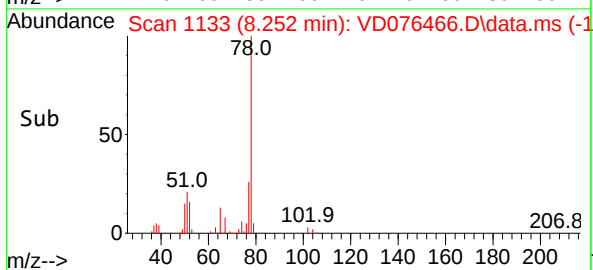
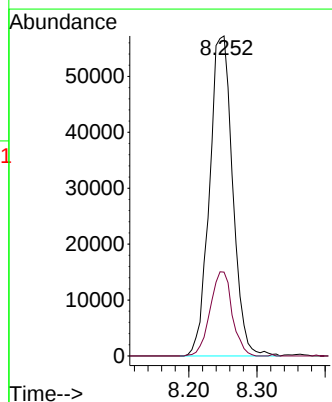
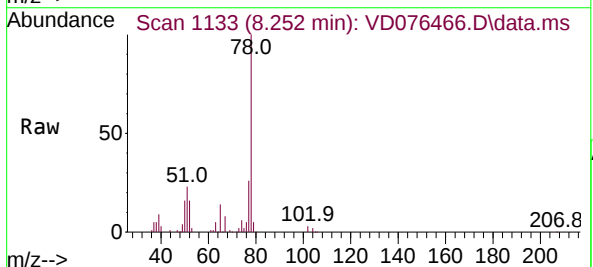
RT: 8.252 min Scan# 1133

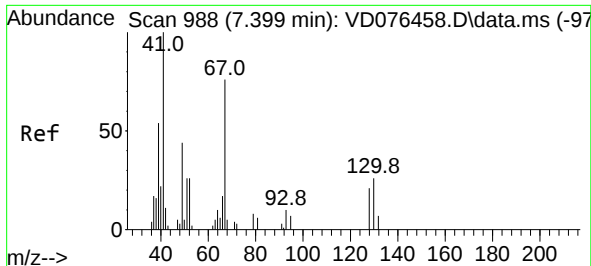
Delta R.T. 0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

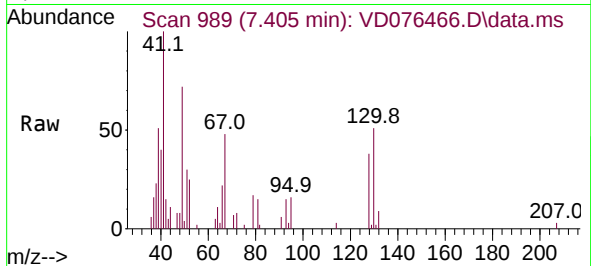
Tgt Ion: 78	Resp: 135309
Ion Ratio	Lower Upper
78	100
77	26.2 19.4 29.0





#41
Methacrylonitrile
Concen: 21.783 ug/l
RT: 7.405 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

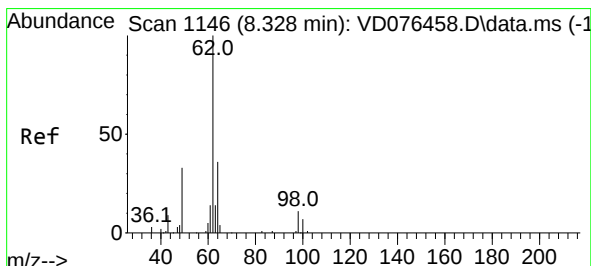
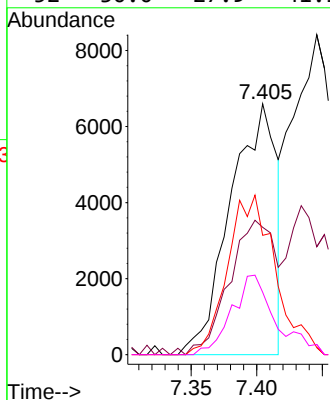
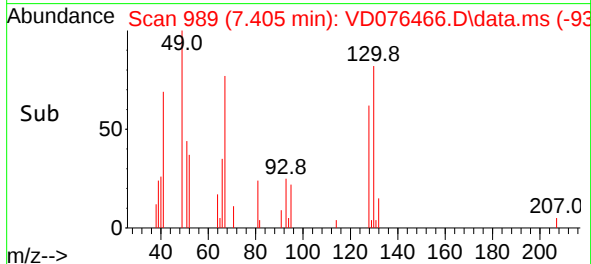


Tgt Ion: 41 Resp: 16144
Ion Ratio Lower Upper
41 100
39 53.3 34.0 51.0
67 65.9 77.0 115.4
52 30.0 27.9 41.9

Manual Integrations
APPROVED

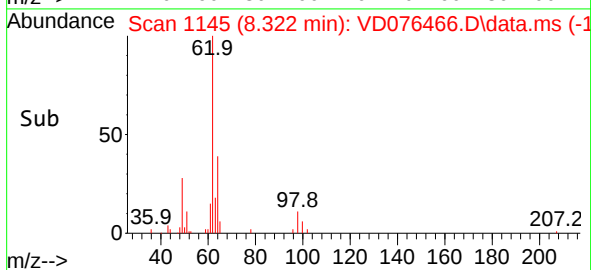
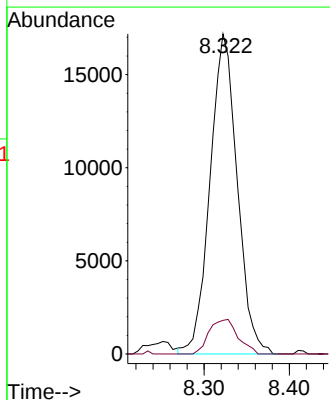
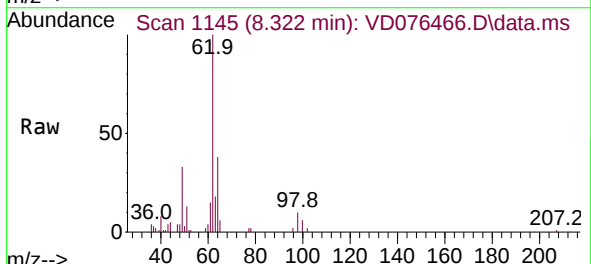
Reviewed By :John
Carlone
06/20/2023

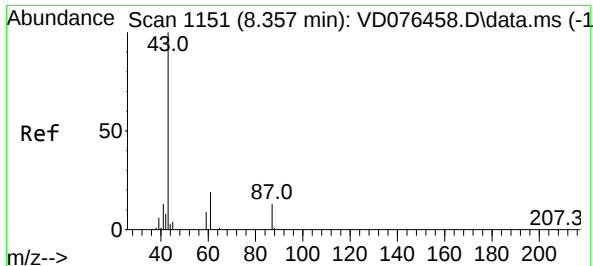
Supervised By :Mahesh
Dadoda
06/20/2023



#42
1,2-Dichloroethane
Concen: 20.446 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

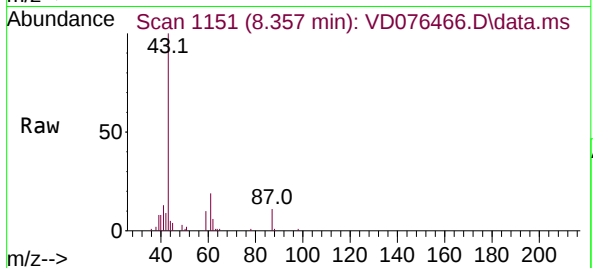
Tgt Ion: 62 Resp: 38158
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.273 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

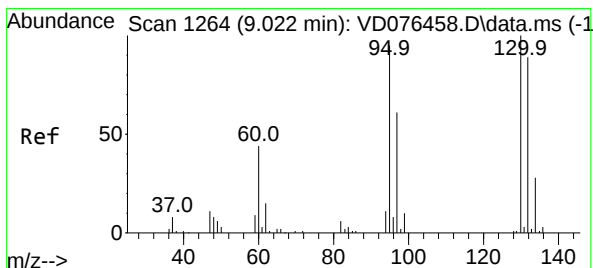
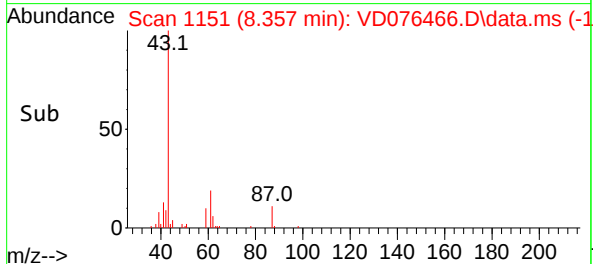
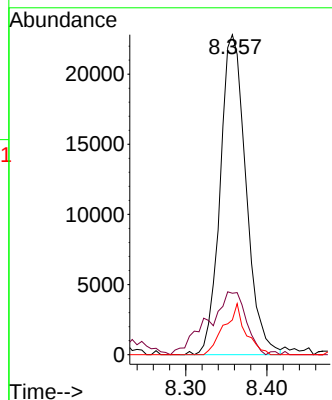


Tgt Ion: 43 Resp: 5037
Ion Ratio Lower Upper
43 100
61 28.9 31.4 47.0
87 13.1 14.9 22.3

Manual Integrations
APPROVED

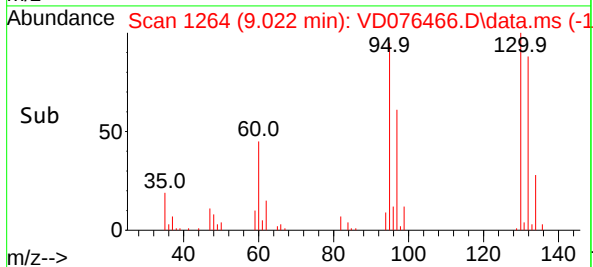
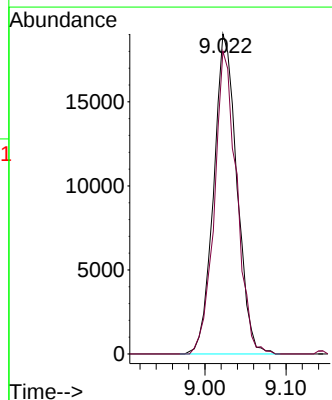
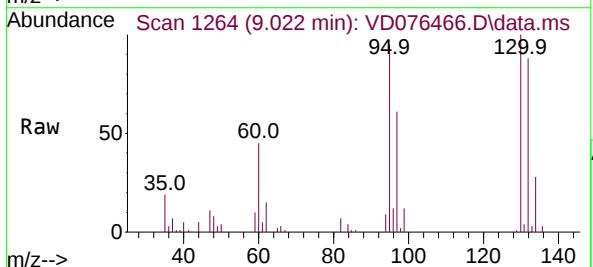
Reviewed By :John
Carlone
06/20/2023

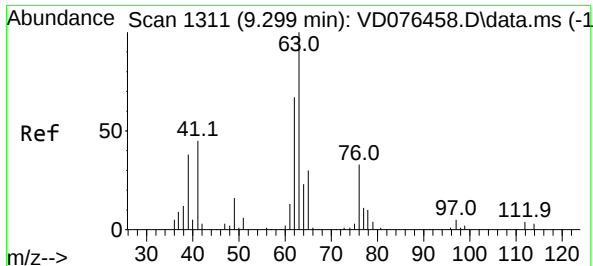
Supervised By :Mahesh
Dadoda
06/20/2023



#44
Trichloroethene
Concen: 20.358 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:130 Resp: 37931
Ion Ratio Lower Upper
130 100
95 94.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.351 ug/l

RT: 9.304 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 63 Resp: 3811

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John

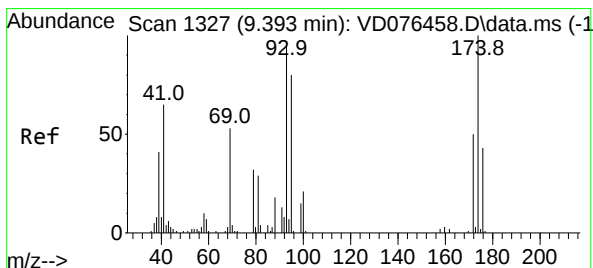
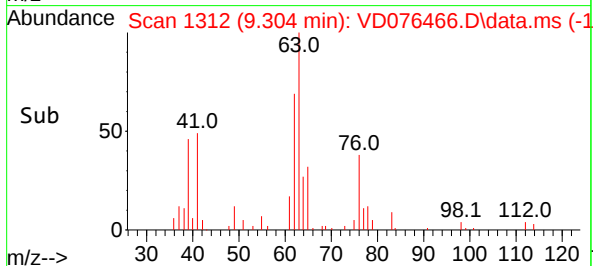
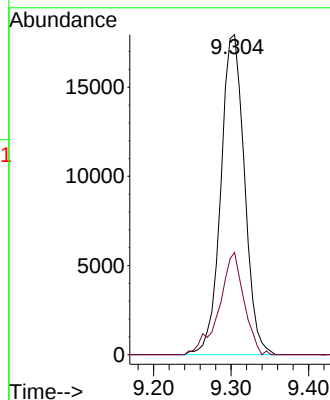
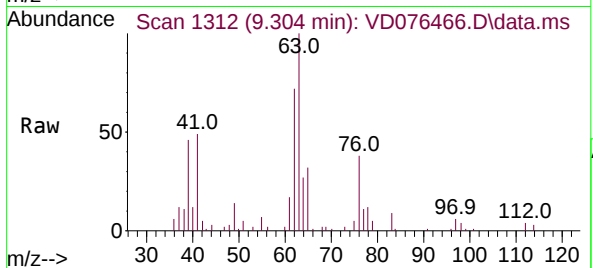
Carlone

06/20/2023

Supervised By :Mahesh

Dadoda

06/20/2023



#46

Dibromomethane

Concen: 19.347 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

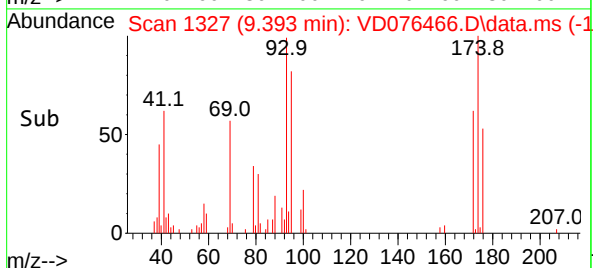
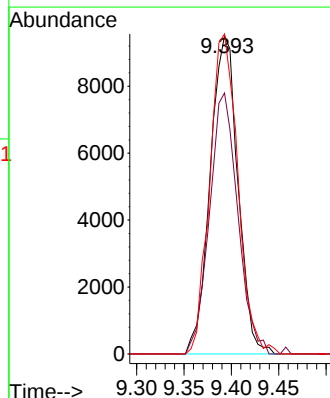
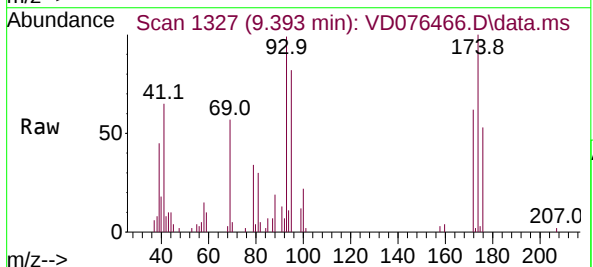
Tgt Ion: 93 Resp: 19409

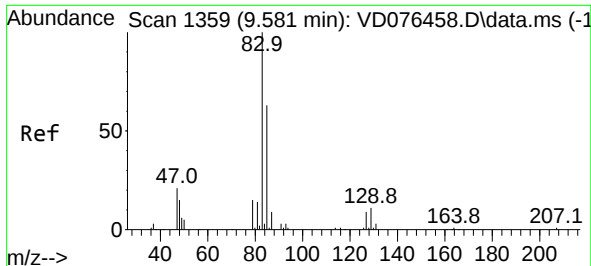
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

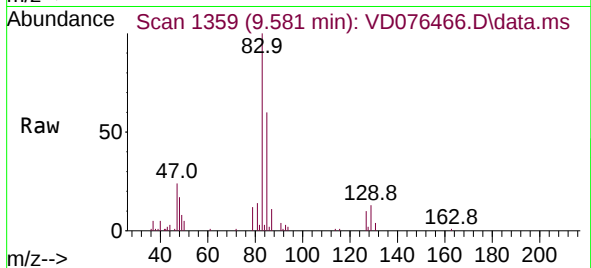
174 101.7 85.4 128.2





#47
Bromodichloromethane
Concen: 19.932 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

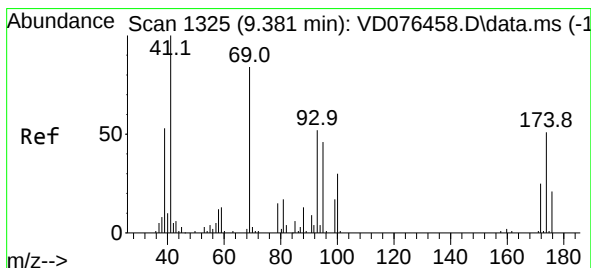
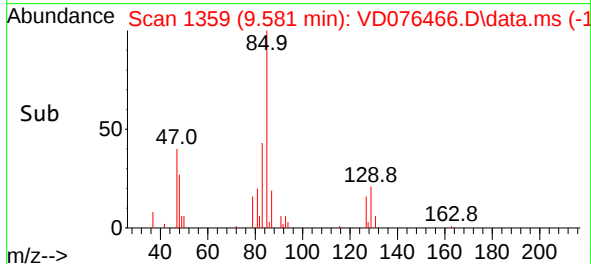
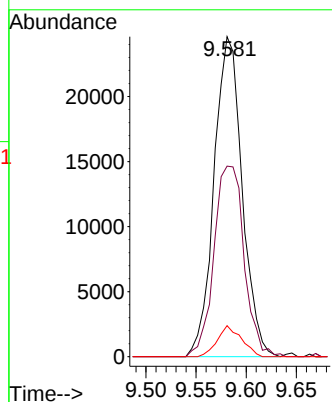


Tgt Ion: 83 Resp: 47852
Ion Ratio Lower Upper
83 100
85 59.5 50.2 75.4
127 9.7 6.3 9.5

Manual Integrations
APPROVED

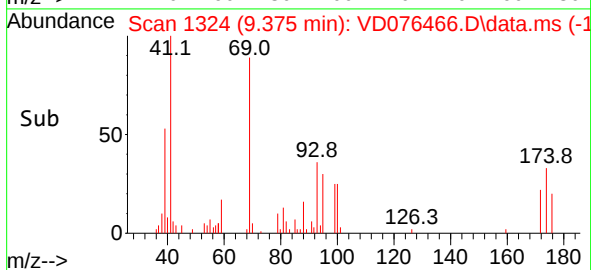
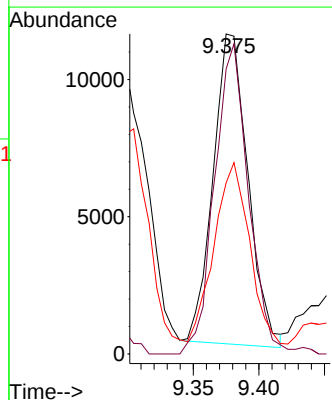
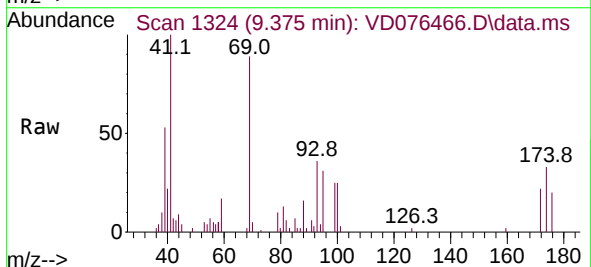
Reviewed By :John
Carlone
06/20/2023

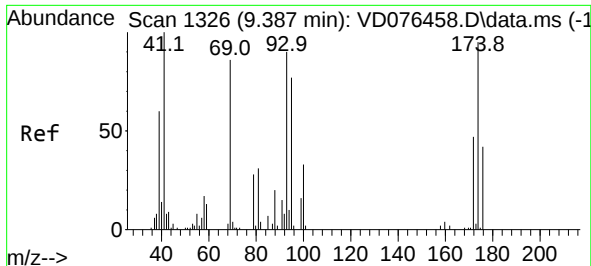
Supervised By :Mahesh
Dadoda
06/20/2023



#48
Methyl methacrylate
Concen: 18.318 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 41 Resp: 20861
Ion Ratio Lower Upper
41 100
69 98.1 102.2 153.2#
39 67.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 410.072 ug/l

RT: 9.381 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076466.D

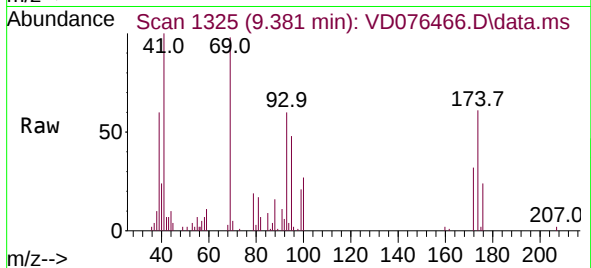
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion:	88	Resp:	4929
Ion Ratio	Lower	Upper	
88	100		
43	39.9	19.0	28.6
58	69.6	43.5	65.3

Manual Integrations
APPROVED

Reviewed By :John

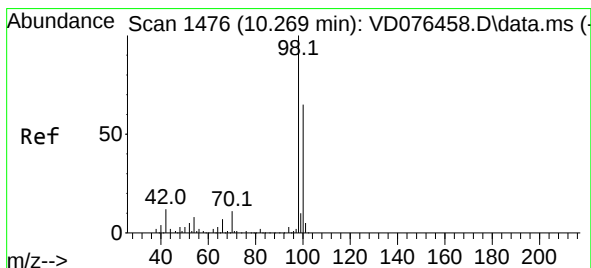
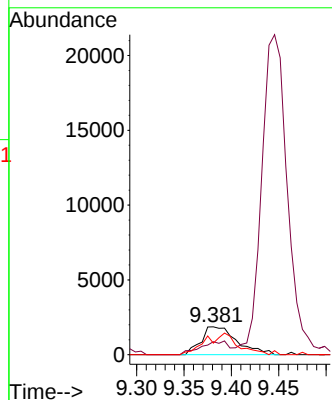
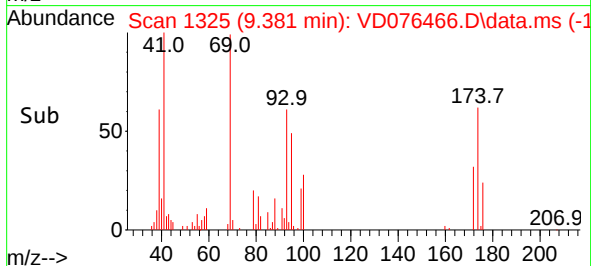
Carlone

06/20/2023

Supervised By :Mahesh

Dadoda

06/20/2023



#50

Toluene-d8

Concen: 45.037 ug/l

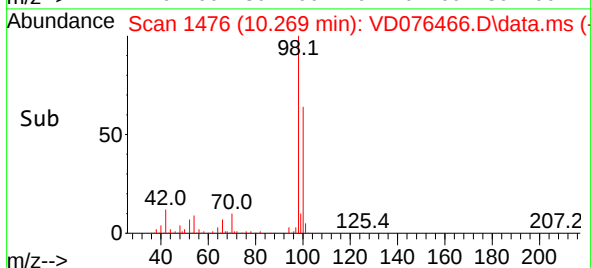
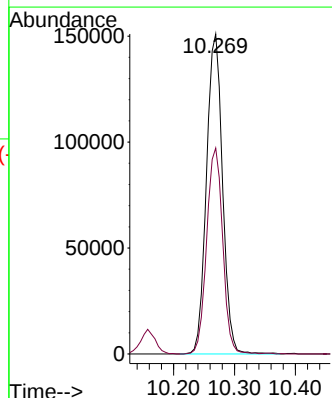
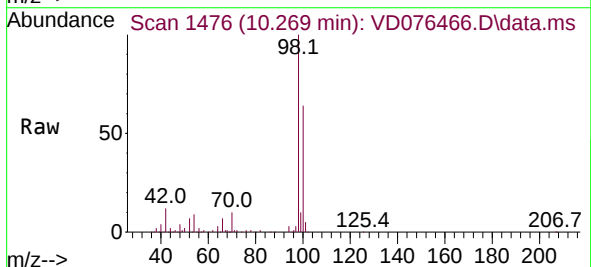
RT: 10.269 min Scan# 1476

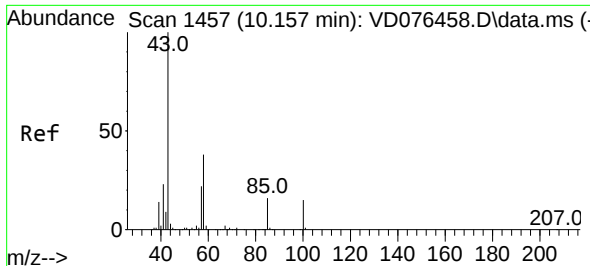
Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

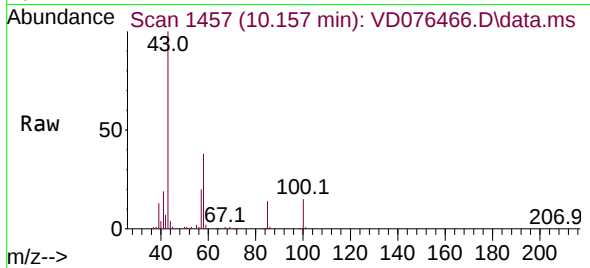
Tgt Ion:	98	Resp:	276249
Ion Ratio	Lower	Upper	
98	100		
100	64.1	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 105.464 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

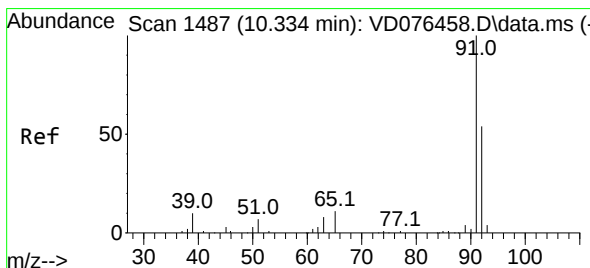
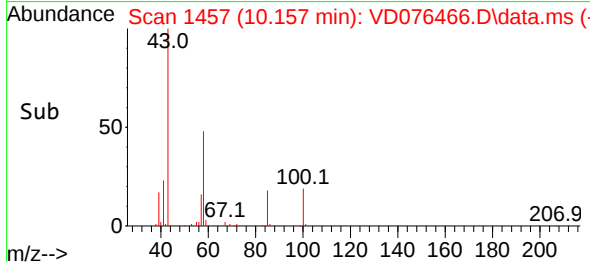
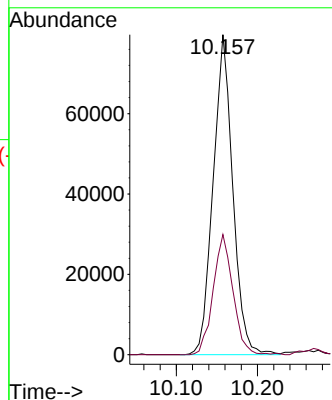
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 43 Resp: 13395
Ion Ratio Lower Upper
43 100
58 37.9 38.9 58.3

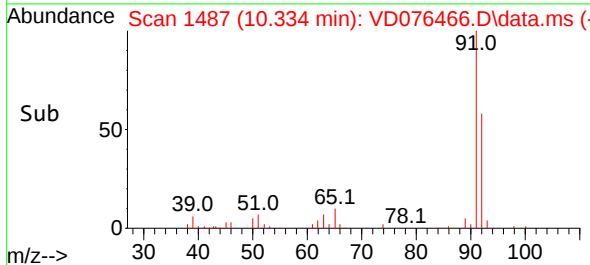
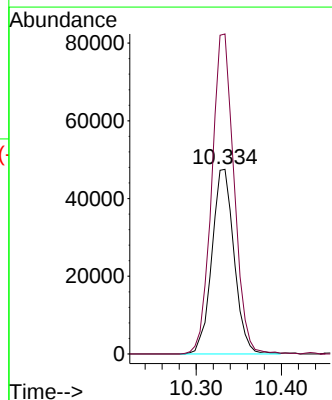
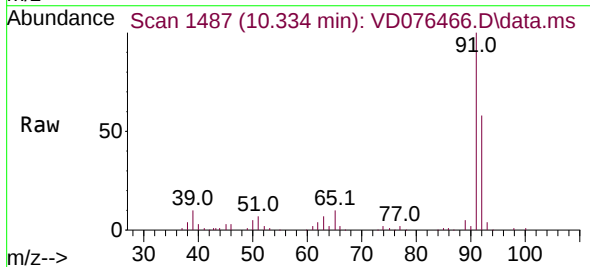
Manual Integrations
APPROVED

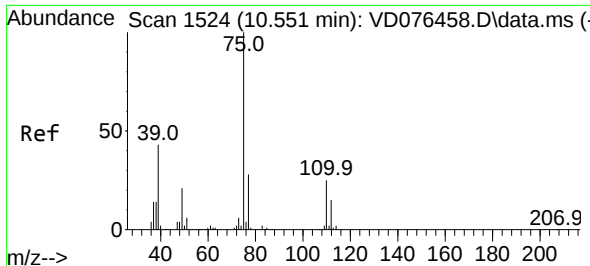
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#52
Toluene
Concen: 19.861 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

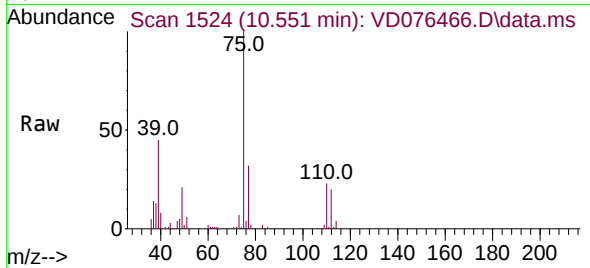
Tgt Ion: 92 Resp: 86081
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.221 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

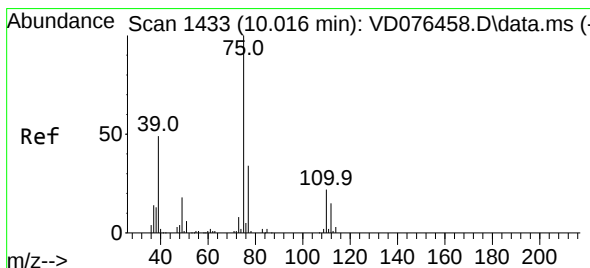
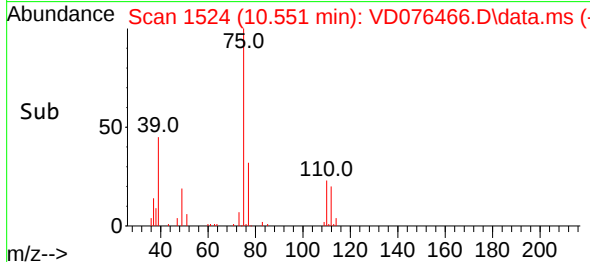
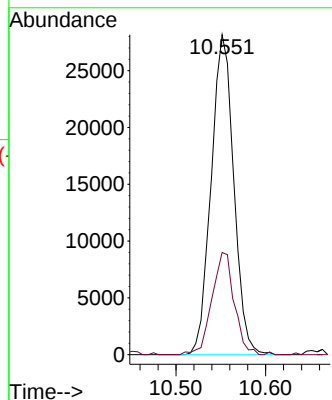
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 75 Resp: 49260
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9

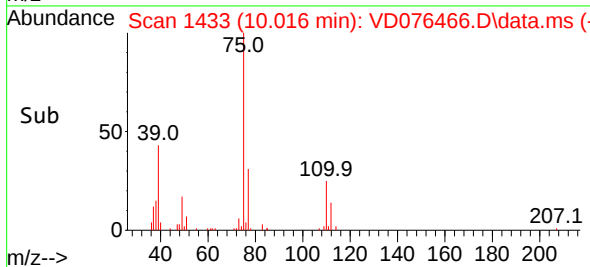
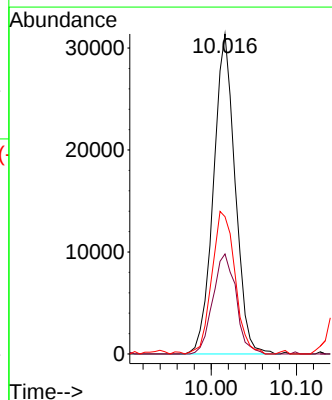
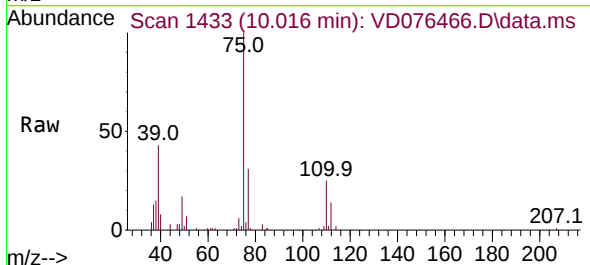
Manual Integrations
APPROVED

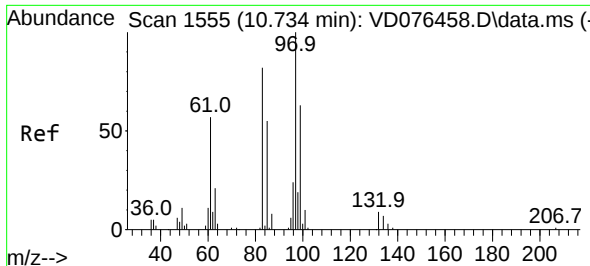
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.139 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

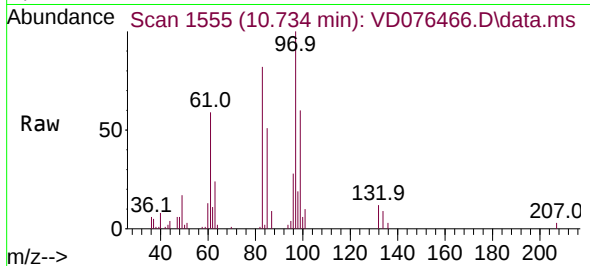
Tgt Ion: 75 Resp: 55278
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 42.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.817 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

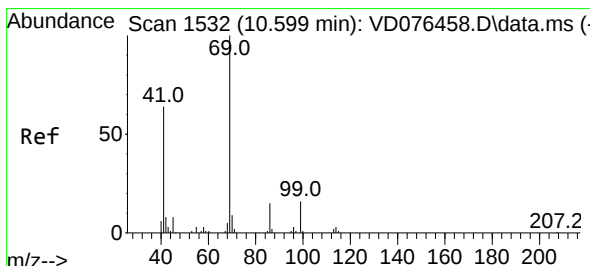
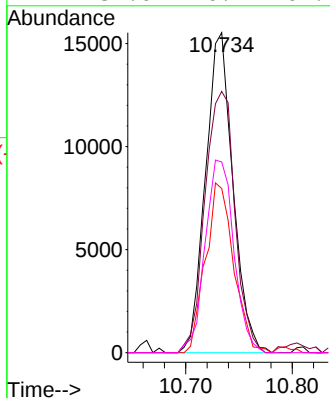


Tgt Ion:	97	Resp:	2780
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.8	98.6
85	51.3	45.7	68.5
99	59.6	46.2	69.4

Manual Integrations
APPROVED

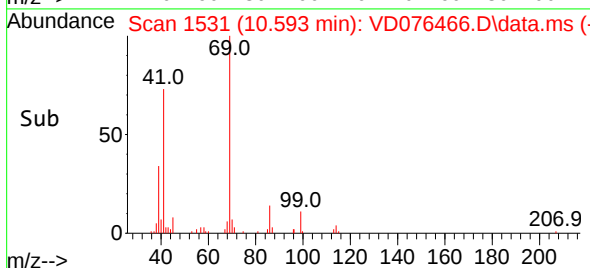
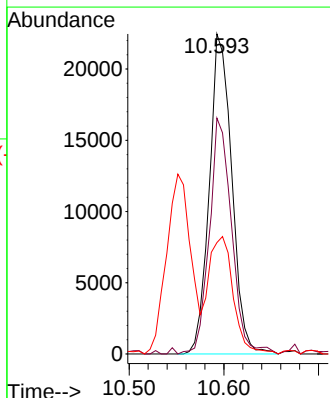
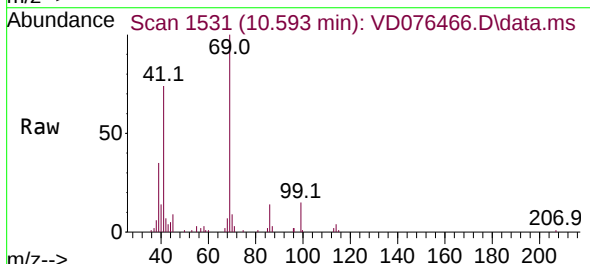
Reviewed By :John
Carlone
06/20/2023

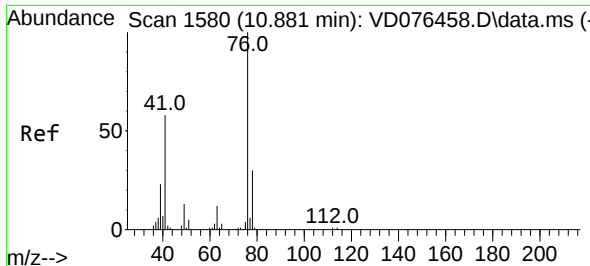
Supervised By :Mahesh
Dadoda
06/20/2023



#56
Ethyl methacrylate
Concen: 20.202 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:	69	Resp:	37015
Ion	Ratio	Lower	Upper
69	100		
41	72.9	39.1	58.7#
39	40.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.781 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

Tgt Ion: 76 Resp: 47520

Ion Ratio Lower Upper

76 100

78 35.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John

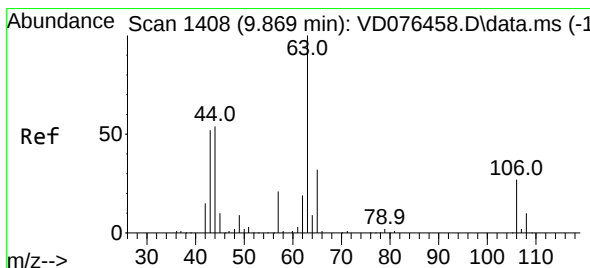
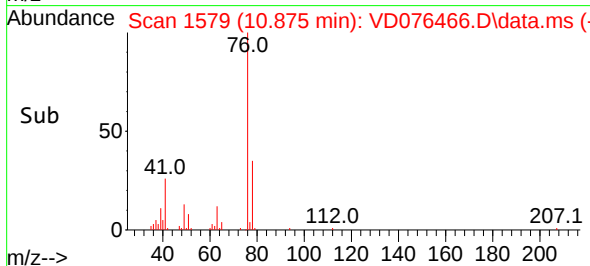
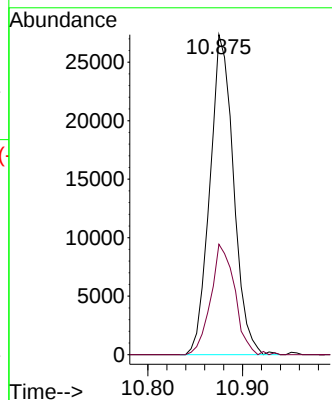
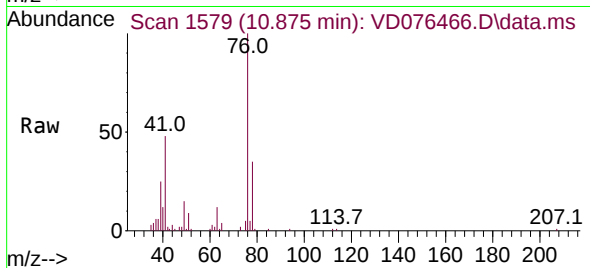
Carlone

06/20/2023

Supervised By :Mahesh

Dadoda

06/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.774 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076466.D

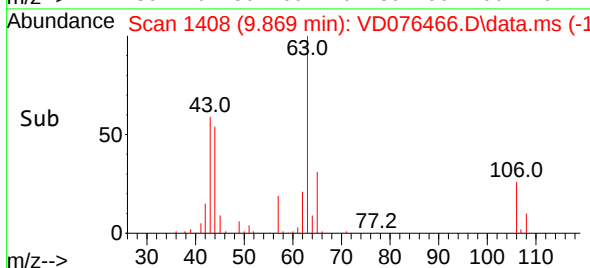
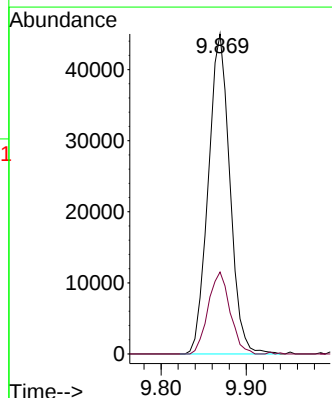
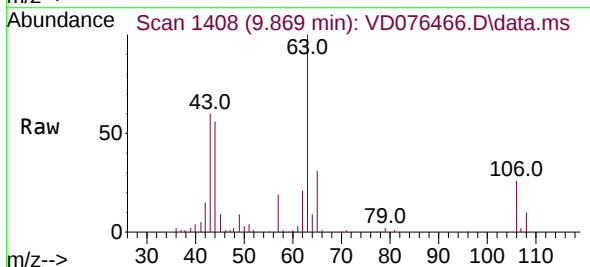
Acq: 19 Jun 2023 13:11

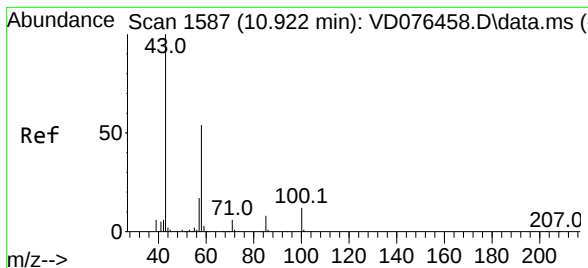
Tgt Ion: 63 Resp: 79059

Ion Ratio Lower Upper

63 100

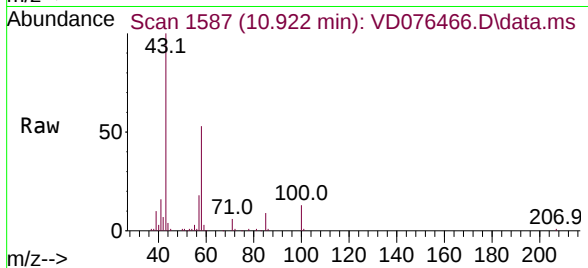
106 26.0 25.3 37.9





#59
2-Hexanone
Concen: 102.230 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

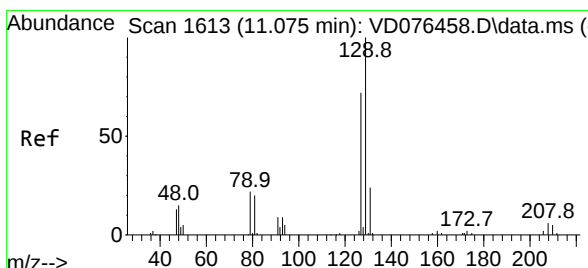
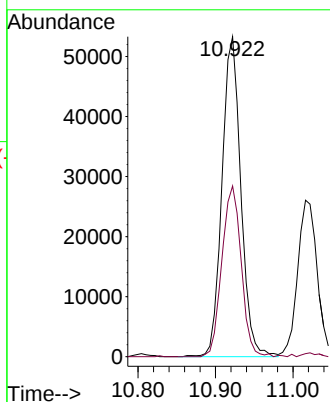
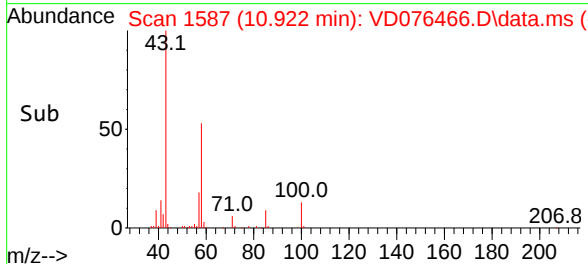
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion: 43 Resp: 9032
Ion Ratio Lower Upper
43 100
58 54.6 34.1 102.2

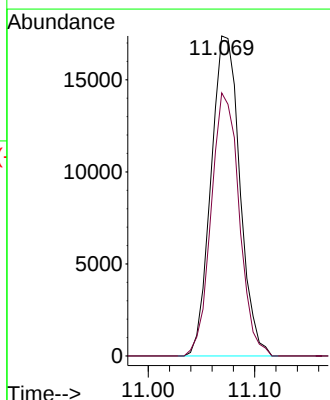
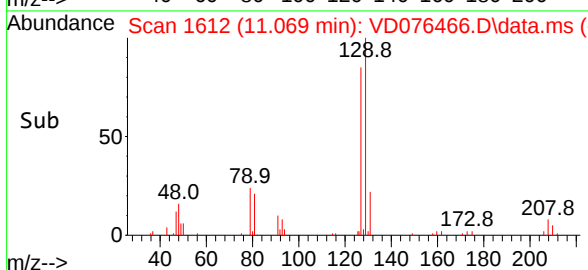
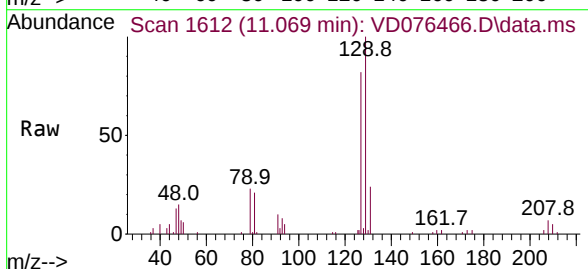
Manual Integrations
APPROVED

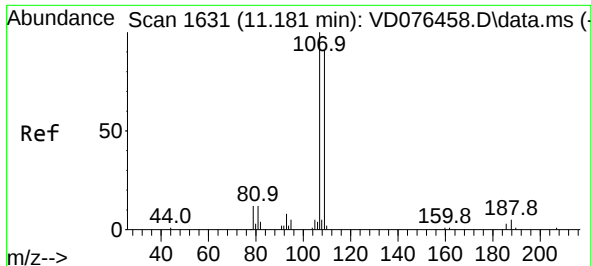
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#60
Dibromochloromethane
Concen: 19.987 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

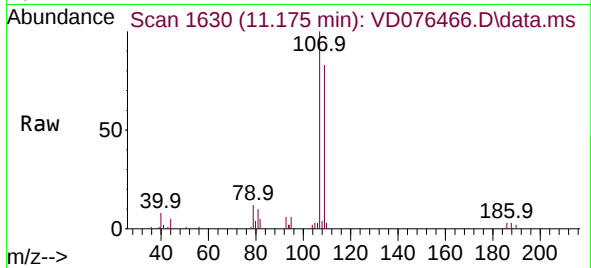
Tgt Ion:129 Resp: 32640
Ion Ratio Lower Upper
129 100
127 79.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.717 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

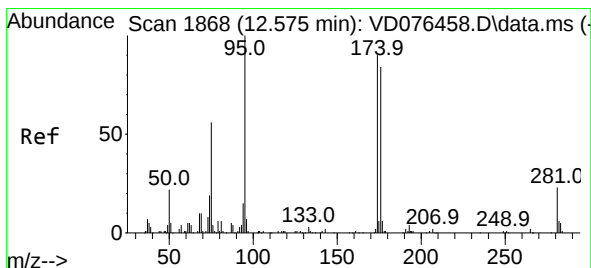
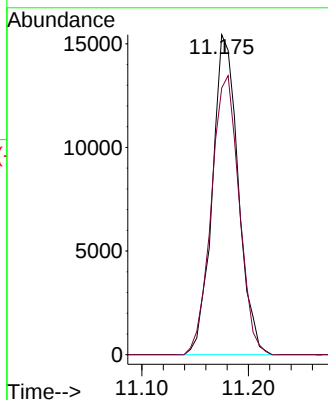
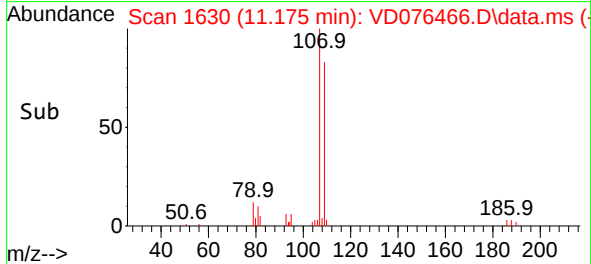
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion:107 Resp: 2597
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

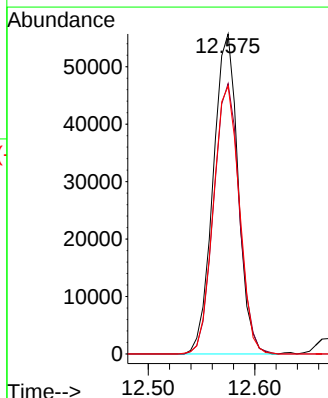
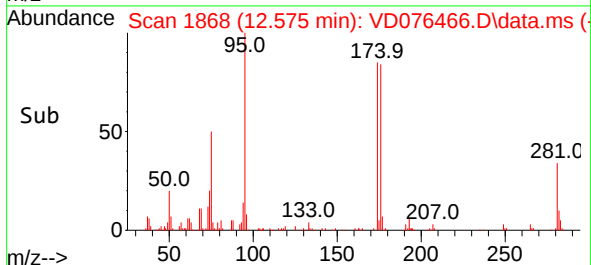
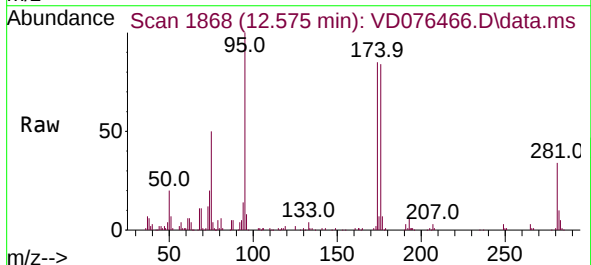
Manual Integrations
APPROVED

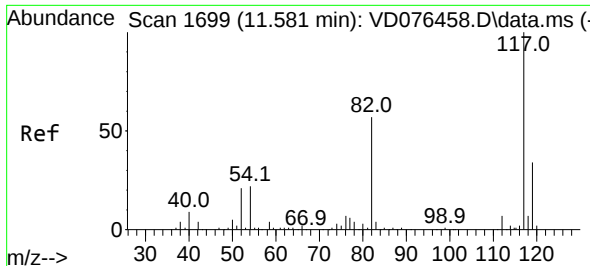
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#62
4-Bromofluorobenzene
Concen: 45.293 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

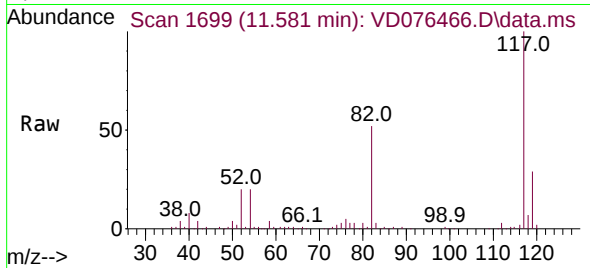
Tgt Ion: 95 Resp: 90164
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 87.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

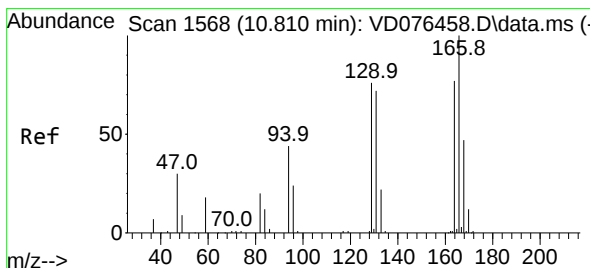
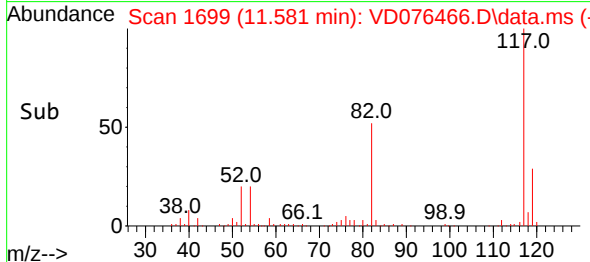
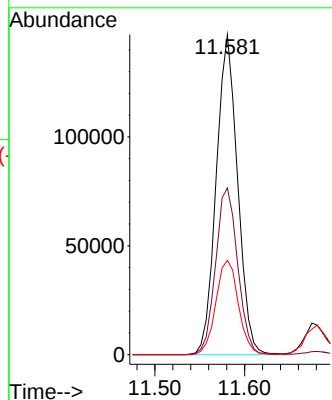


Tgt Ion:117 Resp: 24324
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 29.5 25.0 37.4

Manual Integrations
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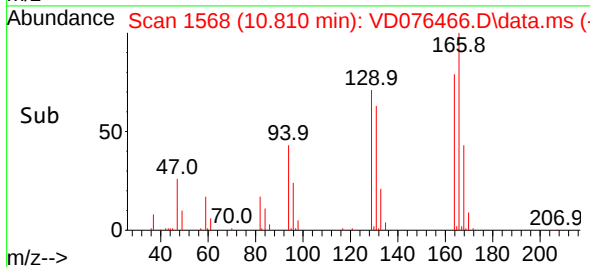
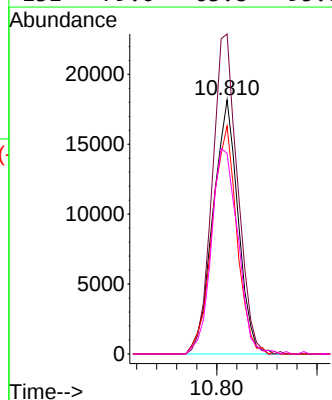
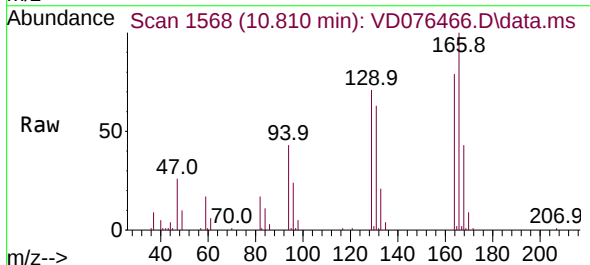
Reviewed By :John
Carlone
06/20/2023

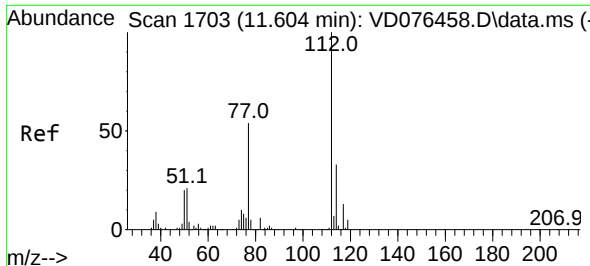
Supervised By :Mahesh
Dadoda
06/20/2023



#64
Tetrachloroethene
Concen: 21.601 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

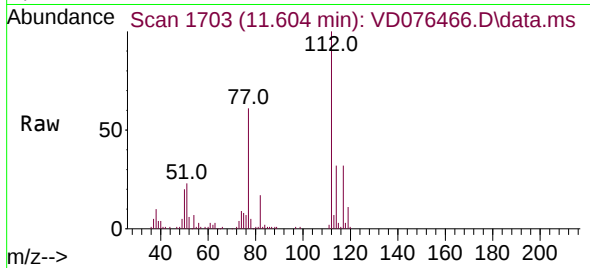
Tgt Ion:164 Resp: 31539
Ion Ratio Lower Upper
164 100
166 126.0 99.2 148.8
129 89.7 68.4 102.6
131 79.0 63.8 95.8





#65
Chlorobenzene
Concen: 20.142 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

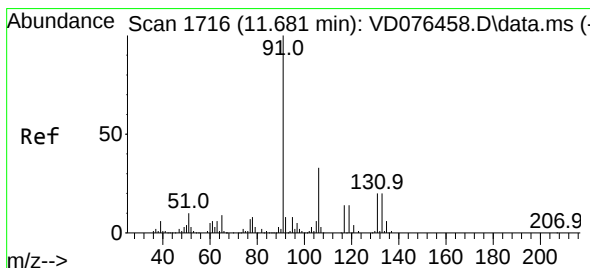
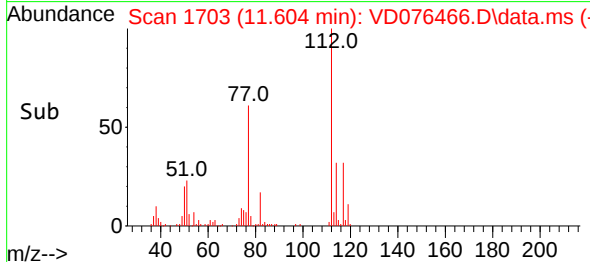
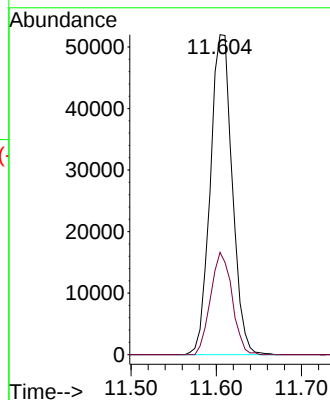


Tgt Ion:112 Resp: 93078
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

Manual Integrations
APPROVED

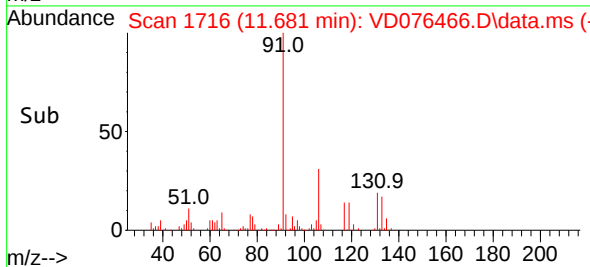
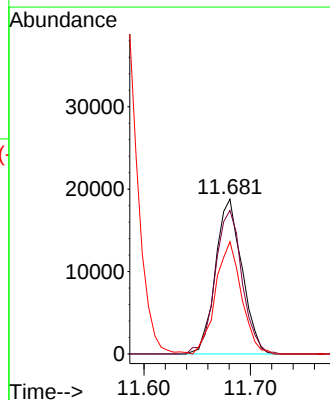
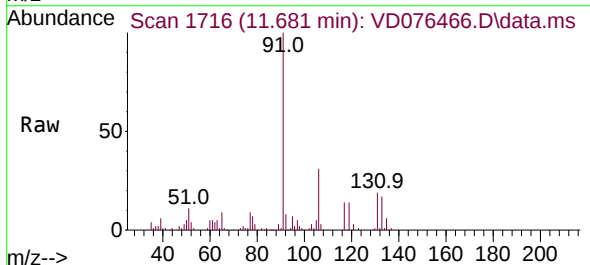
Reviewed By :John
Carlone
06/20/2023

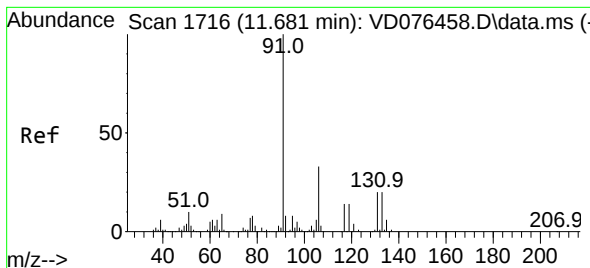
Supervised By :Mahesh
Dadoda
06/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.635 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

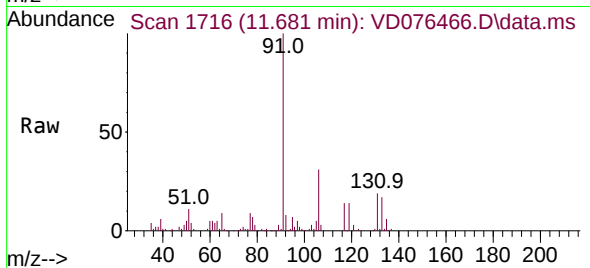
Tgt Ion:131 Resp: 32450
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 71.0 35.6 106.9





#67
Ethyl Benzene
Concen: 20.238 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

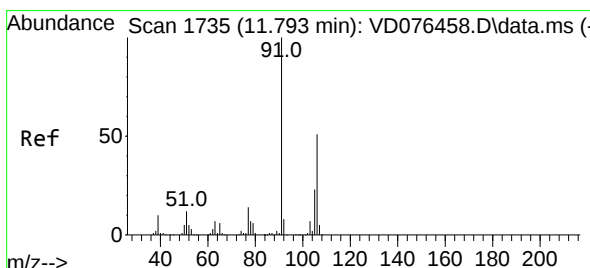
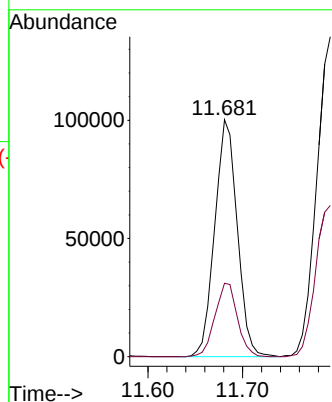
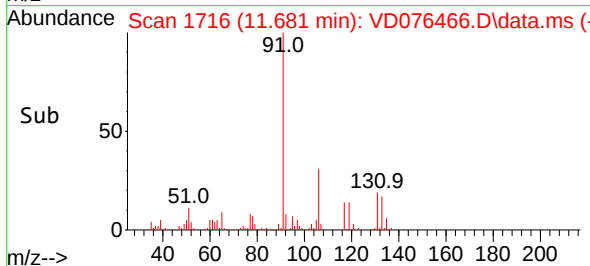
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



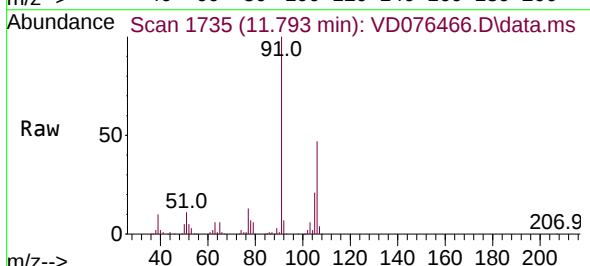
Tgt Ion: 91 Resp: 16571
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7

Manual Integrations
APPROVED

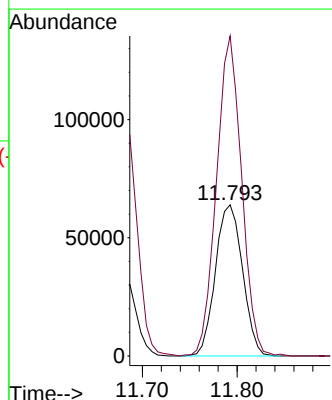
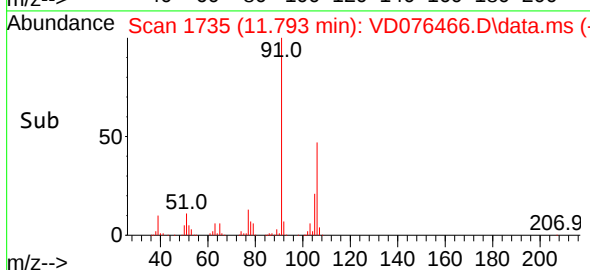
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023

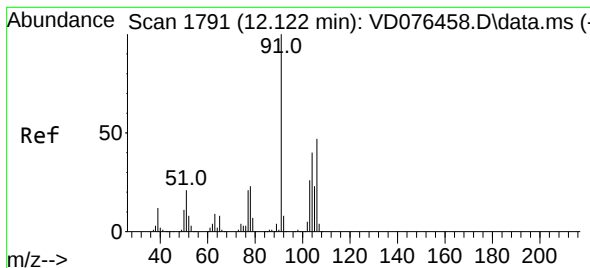


#68
m/p-Xylenes
Concen: 39.766 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11



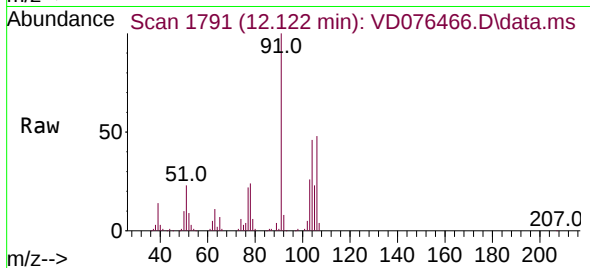
Tgt Ion:106 Resp: 127106
Ion Ratio Lower Upper
106 100
91 196.8 147.0 220.6





#69
o-Xylene
Concen: 19.992 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

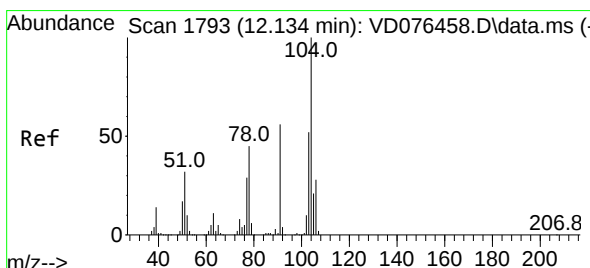
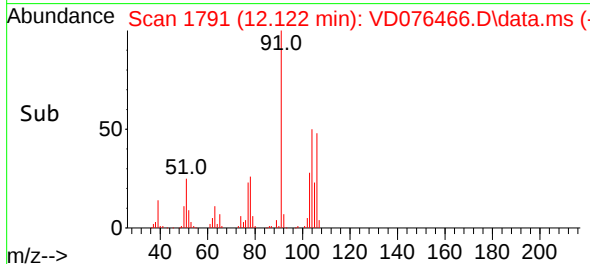
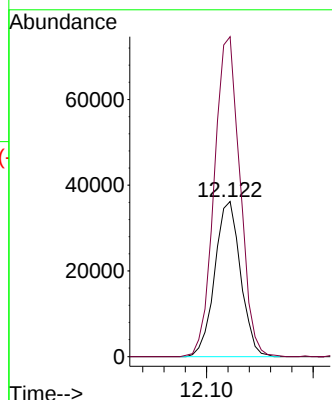
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01



Tgt Ion:106 Resp: 60828
Ion Ratio Lower Upper
106 100
91 205.9 97.9 293.6

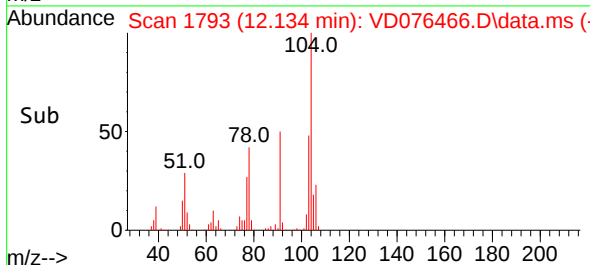
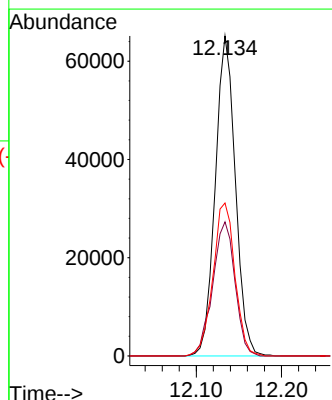
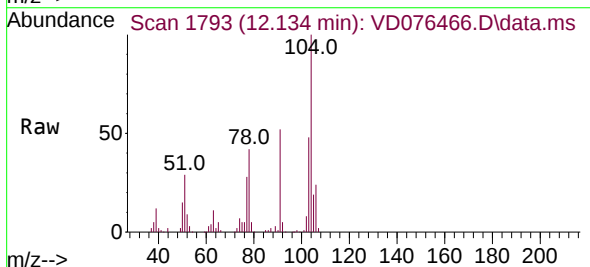
Manual Integrations
APPROVED

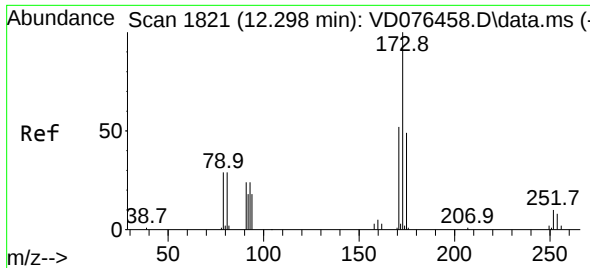
Reviewed By :John
Carlone
06/20/2023
Supervised By :Mahesh
Dadoda
06/20/2023



#70
Styrene
Concen: 20.345 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

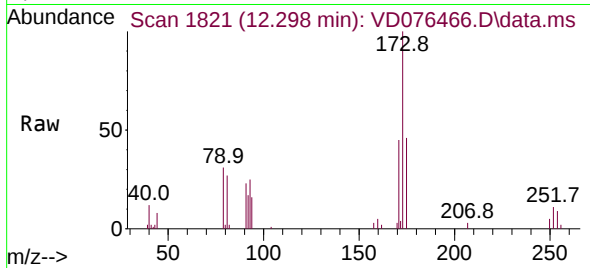
Tgt Ion:104 Resp: 106935
Ion Ratio Lower Upper
104 100
78 46.4 33.2 49.8
103 52.2 43.6 65.4





#71
Bromoform
Concen: 20.264 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

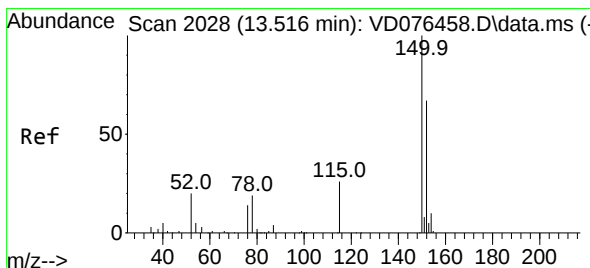
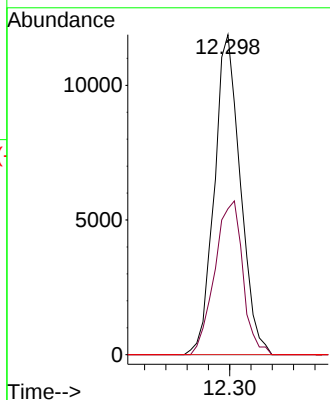
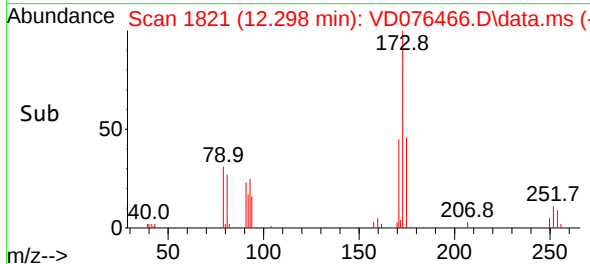


Tgt Ion:173 Resp: 20108
Ion Ratio Lower Upper
173 100
175 51.8 24.6 73.8
254 0.0 0.0 0.0

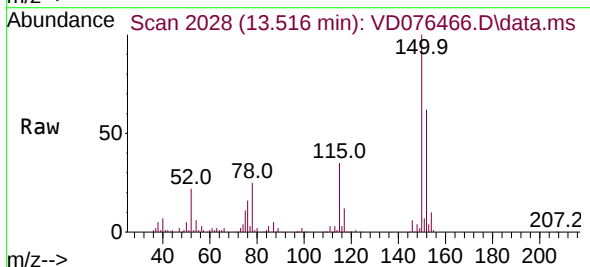
Manual Integrations
APPROVED

Reviewed By :John
Carlone
06/20/2023

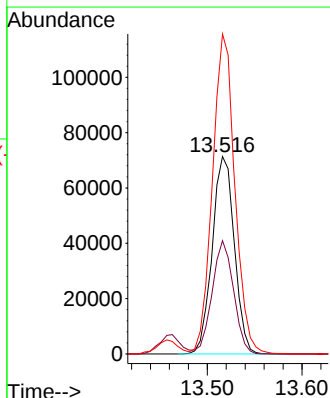
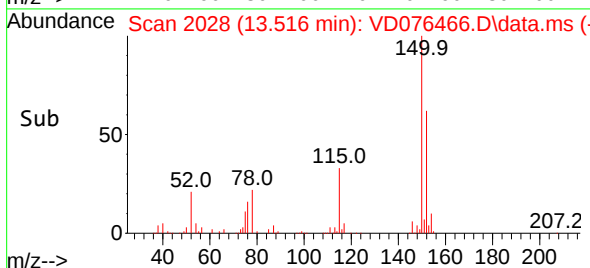
Supervised By :Mahesh
Dadoda
06/20/2023

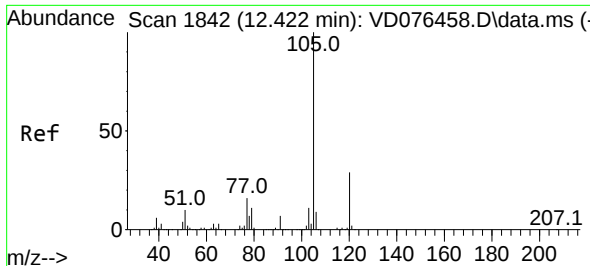


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11



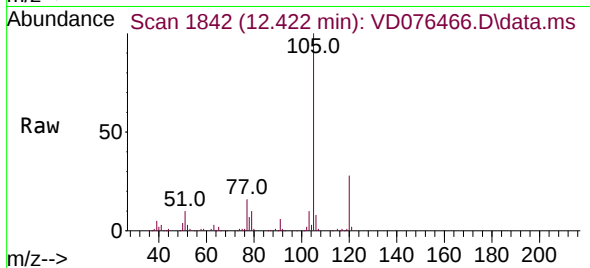
Tgt Ion:152 Resp: 115925
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 164.0 0.0 353.6





#73
Isopropylbenzene
Concen: 20.577 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

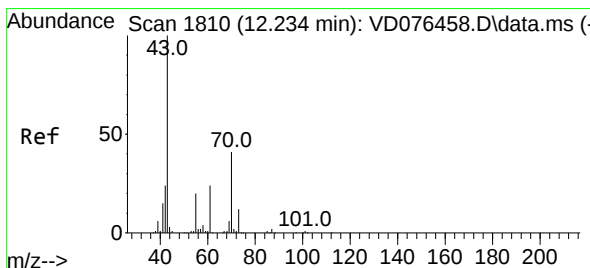
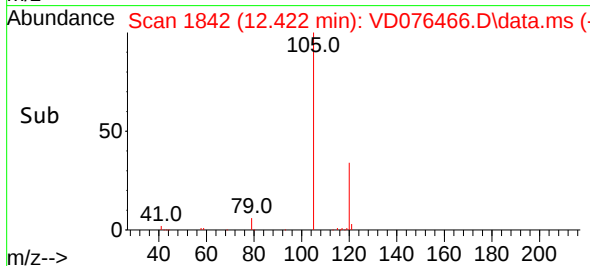
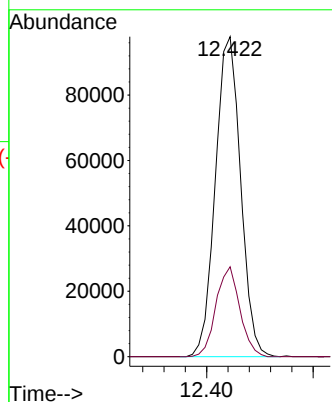


Tgt Ion:105 Resp: 16060
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

Manual Integrations
APPROVED

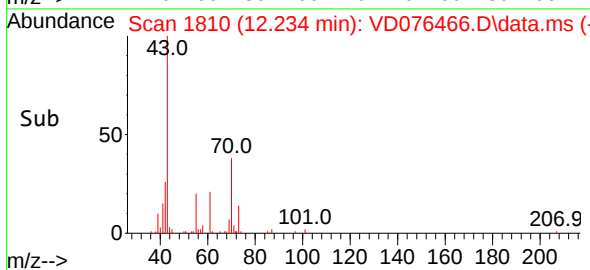
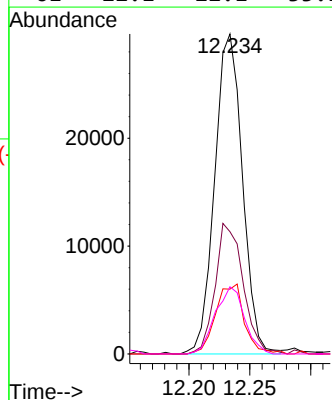
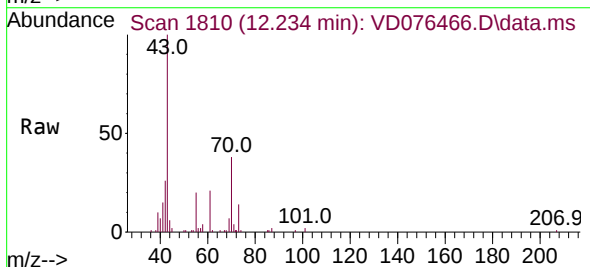
Reviewed By :John
Carlone
06/20/2023

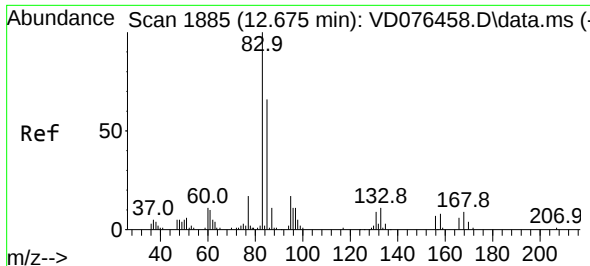
Supervised By :Mahesh
Dadoda
06/20/2023



#74
N-ethyl acetate
Concen: 20.597 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

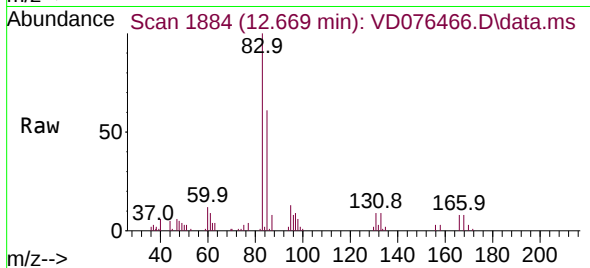
Tgt Ion: 43 Resp: 47062
Ion Ratio Lower Upper
43 100
70 41.0 45.0 67.4#
55 22.6 23.8 35.6#
61 22.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 22.662 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

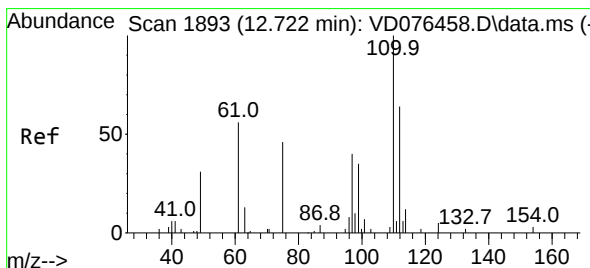
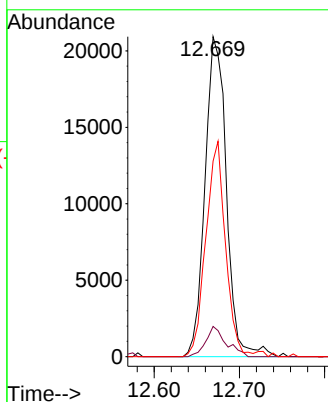
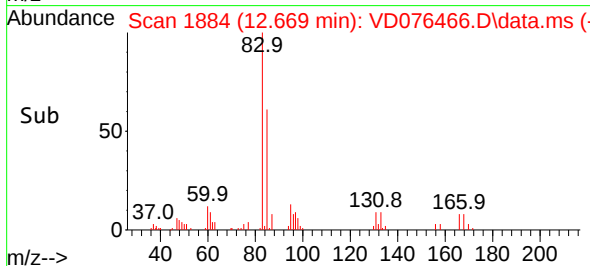


Tgt Ion: 83 Resp: 36498
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 61.8 32.6 97.8

Manual Integrations
APPROVED

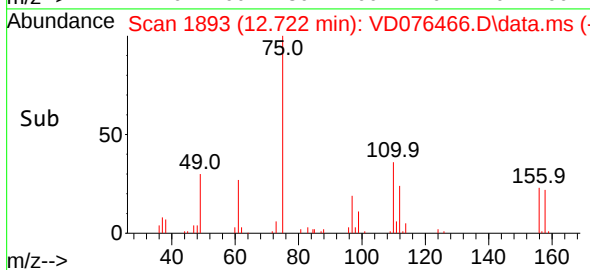
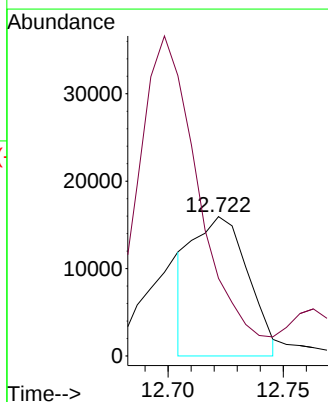
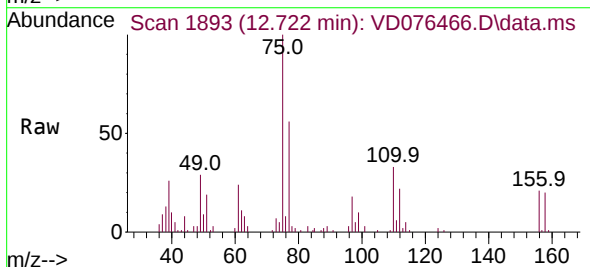
Reviewed By :John
Carlone
06/20/2023

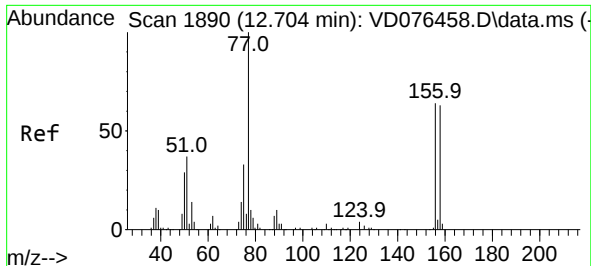
Supervised By :Mahesh
Dadoda
06/20/2023



#76
1,2,3-Trichloropropane
Concen: 23.336 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

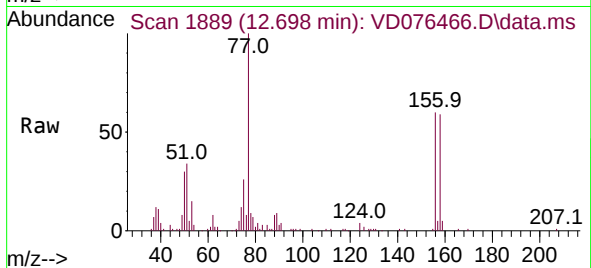
Tgt Ion: 75 Resp: 26849
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.898 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

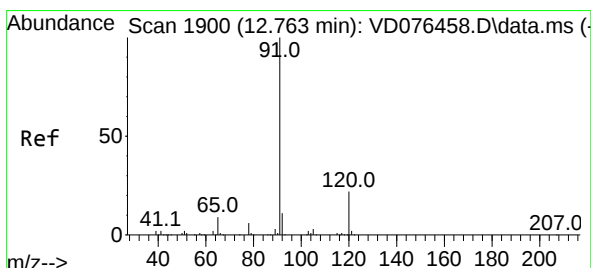
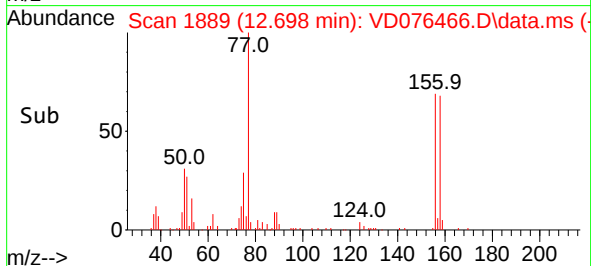
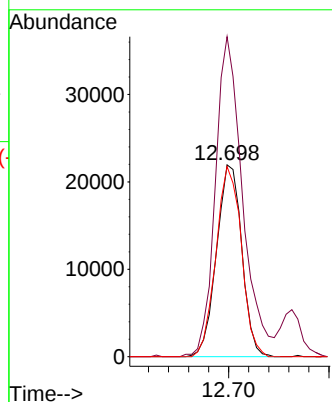


Tgt Ion:156 Resp: 38314
Ion Ratio Lower Upper
156 100
77 179.8 76.8 230.4
158 99.7 48.6 145.9

Manual Integrations
APPROVED

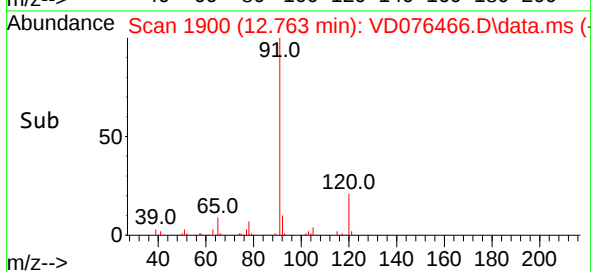
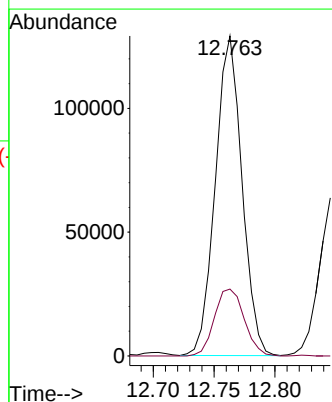
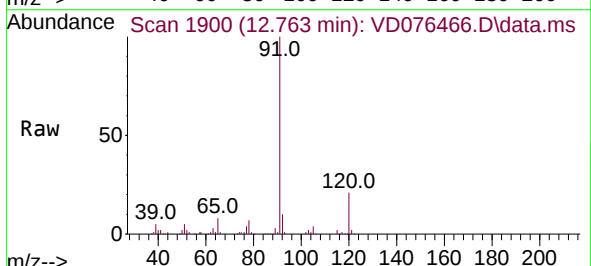
Reviewed By :John
Carlone
06/20/2023

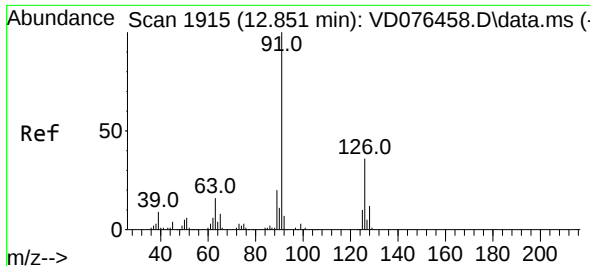
Supervised By :Mahesh
Dadoda
06/20/2023



#78
n-propylbenzene
Concen: 20.408 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion: 91 Resp: 196677
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2





#79
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

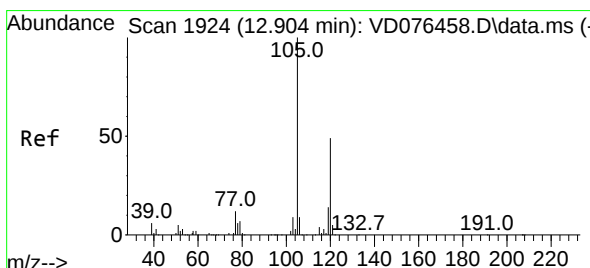
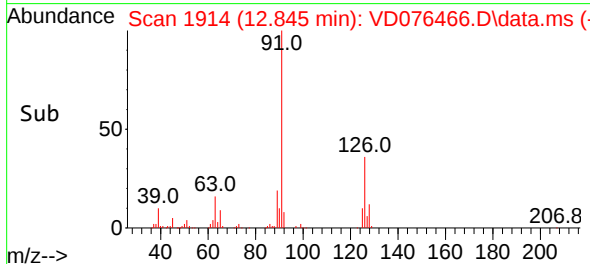
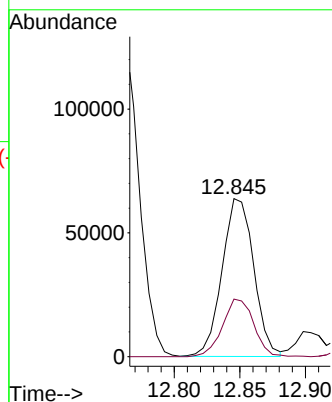
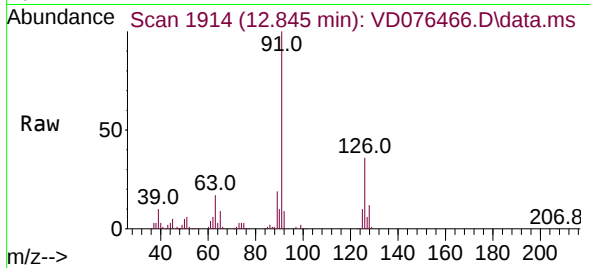
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tgt Ion: 91 Resp: 107472
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1

Manual Integrations
APPROVED

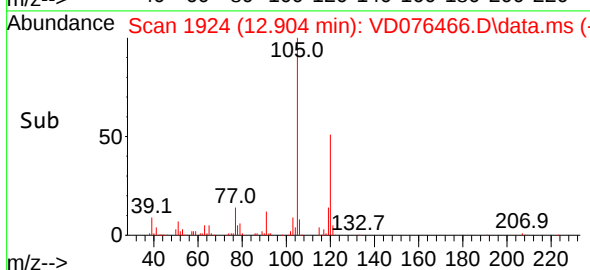
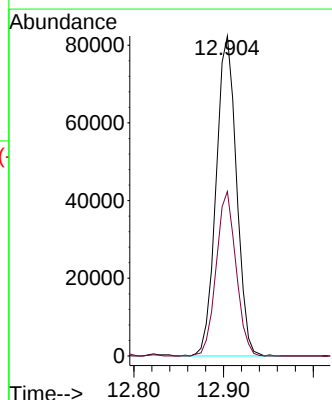
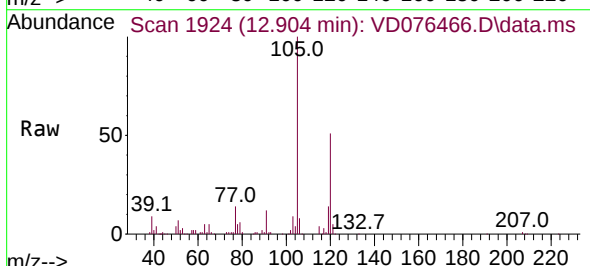
Reviewed By :John
Carlone
06/20/2023

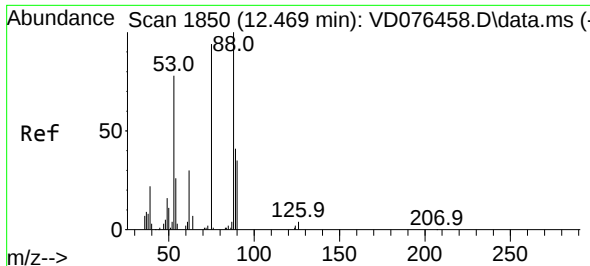
Supervised By :Mahesh
Dadoda
06/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.360 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

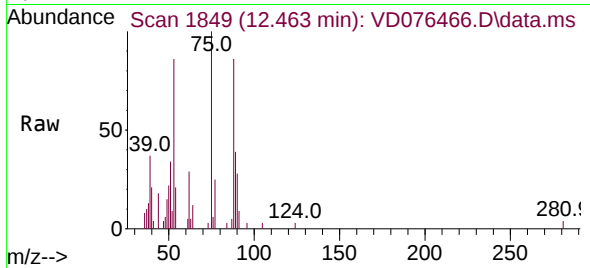
Tgt Ion:105 Resp: 129773
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 21.937 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

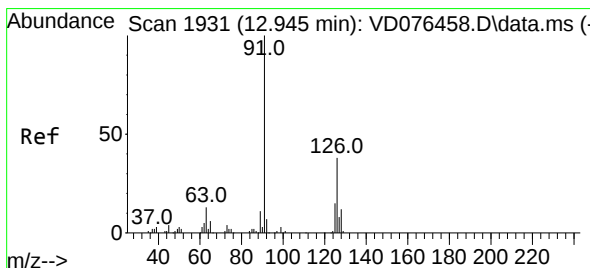
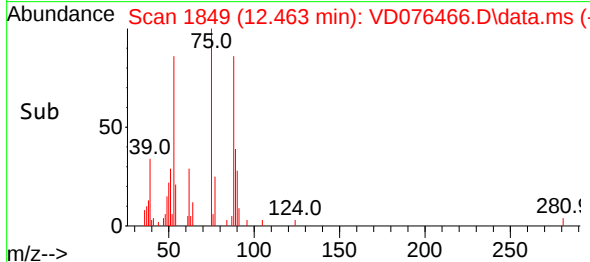
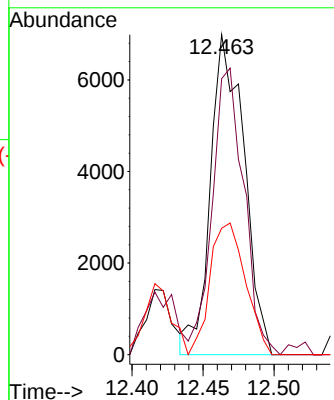


Tgt Ion: 75 Resp: 11518
Ion Ratio Lower Upper
75 100
53 83.5 63.0 94.4
89 43.3 37.9 56.9

Manual Integrations
APPROVED

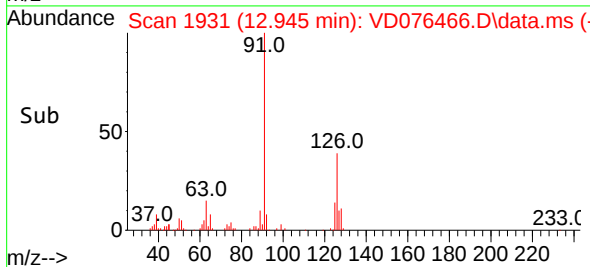
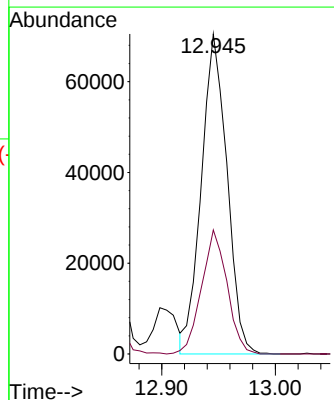
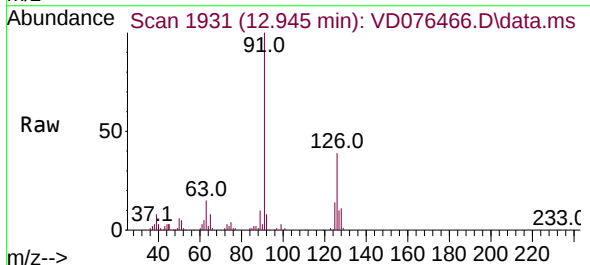
Reviewed By :John
Carlone
06/20/2023

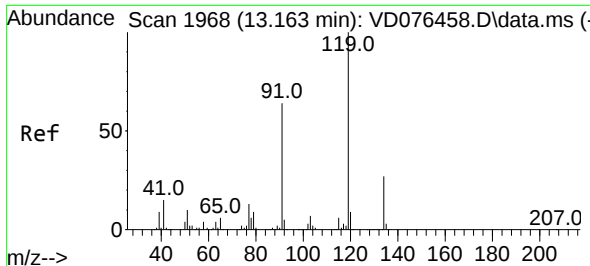
Supervised By :Mahesh
Dadoda
06/20/2023



#82
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

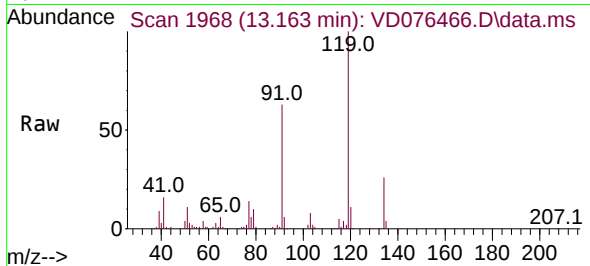
Tgt Ion: 91 Resp: 110690
Ion Ratio Lower Upper
91 100
126 38.6 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.373 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

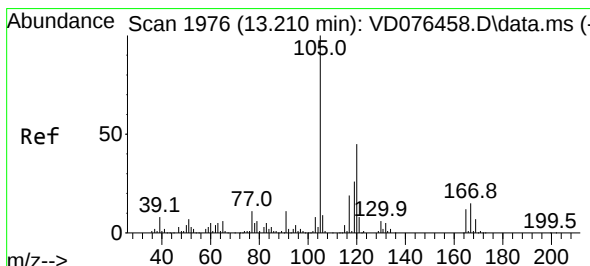
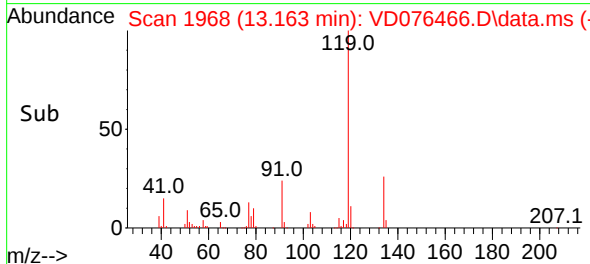
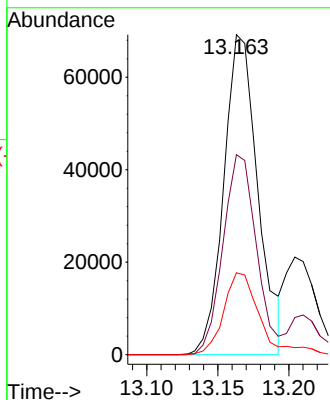


Tgt Ion:119 Resp: 115384
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 27.2 14.1 42.3

Manual Integrations
APPROVED

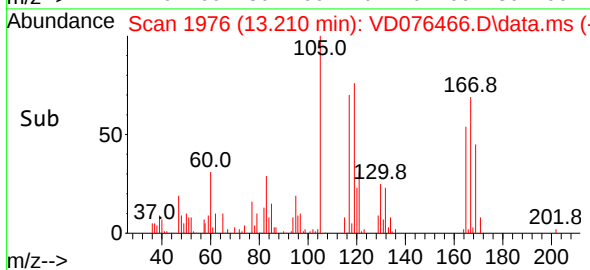
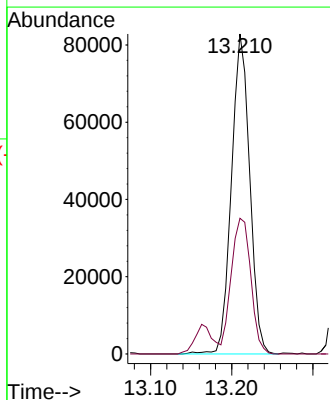
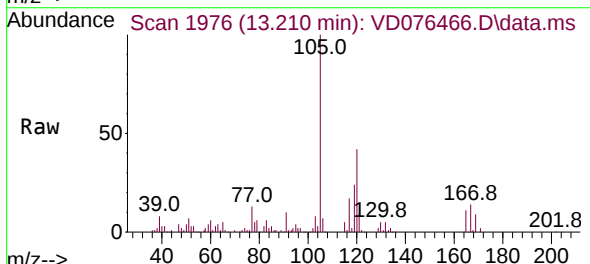
Reviewed By :John
Carlone
06/20/2023

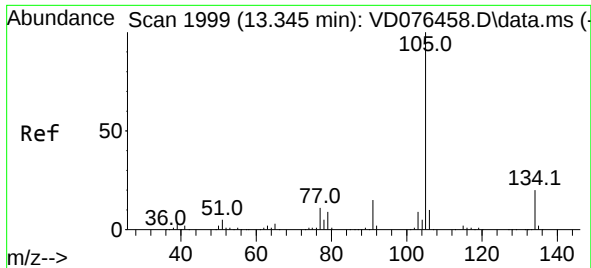
Supervised By :Mahesh
Dadoda
06/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.113 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

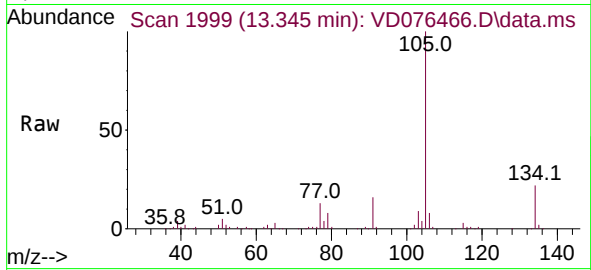
Tgt Ion:105 Resp: 129188
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.229 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11

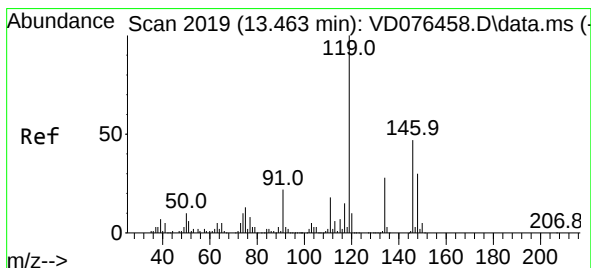
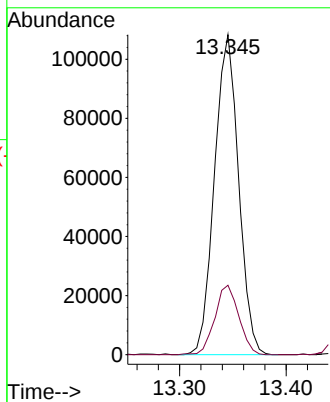
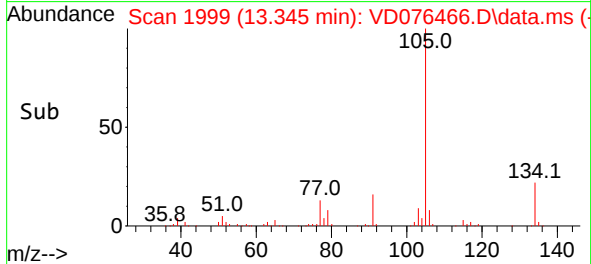
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01



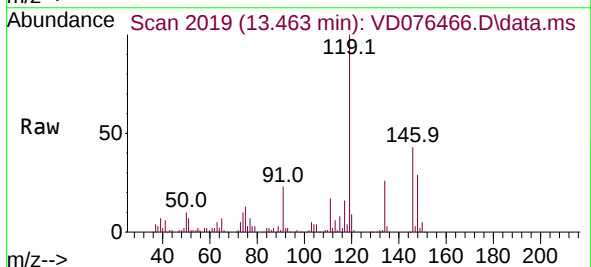
Tgt Ion:105 Resp: 17001
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9

Manual Integrations
 APPROVED

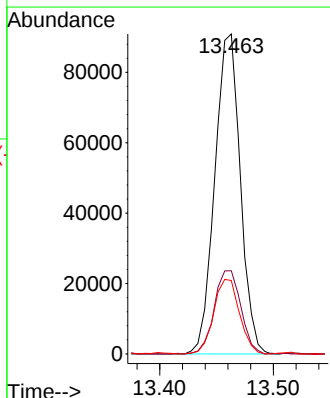
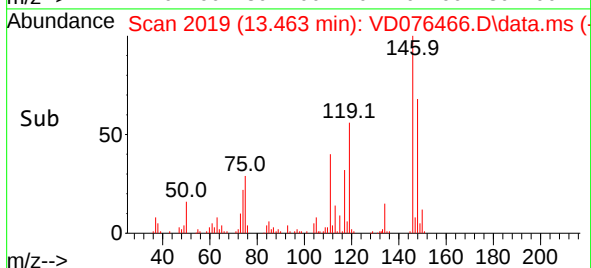
Reviewed By :John
 Carlone
 06/20/2023
 Supervised By :Mahesh
 Dadoda
 06/20/2023

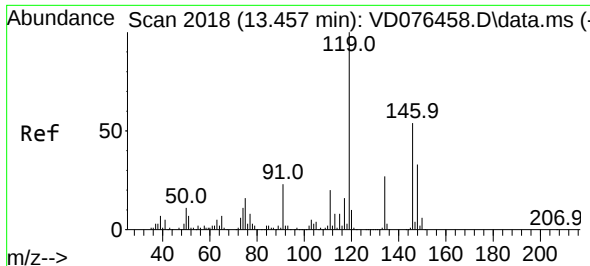


#86
 p-Isopropyltoluene
 Concen: 20.187 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076466.D
 Acq: 19 Jun 2023 13:11



Tgt Ion:119 Resp: 141765
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 23.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.955 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076466.D

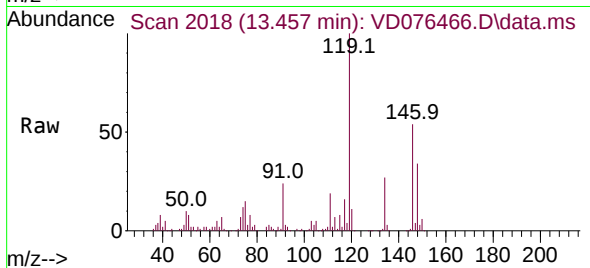
Acq: 19 Jun 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01



Tgt Ion:	146	Resp:	7547
Ion Ratio	Lower	Upper	
146	100		
111	38.7	17.9	53.8
148	63.9	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John

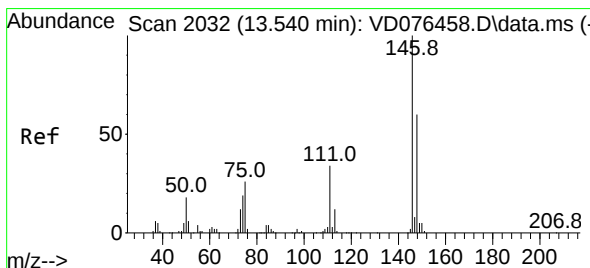
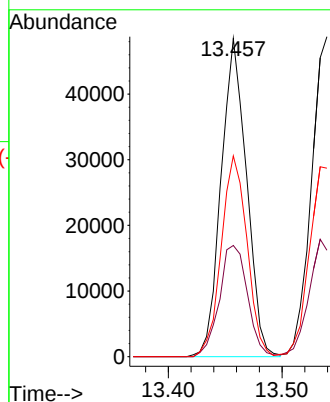
Carlone

06/20/2023

Supervised By :Mahesh

Dadoda

06/20/2023



#88

1,4-Dichlorobenzene

Concen: 20.051 ug/l

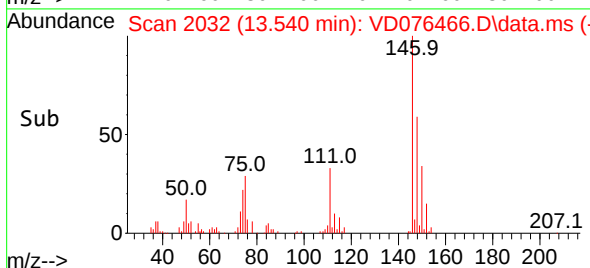
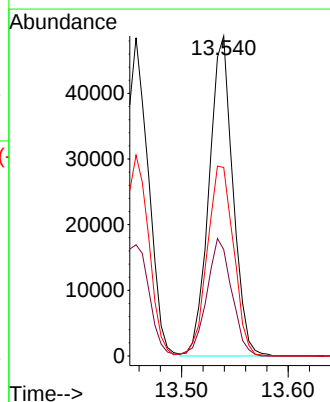
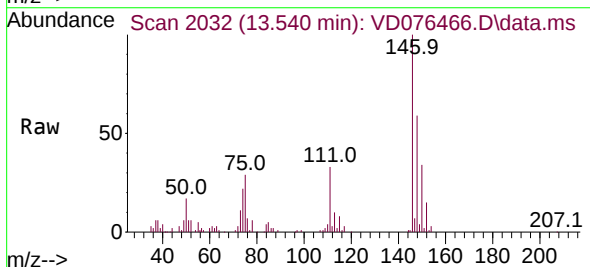
RT: 13.540 min Scan# 2032

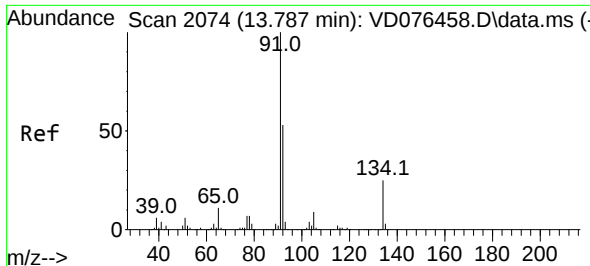
Delta R.T. -0.000 min

Lab File: VD076466.D

Acq: 19 Jun 2023 13:11

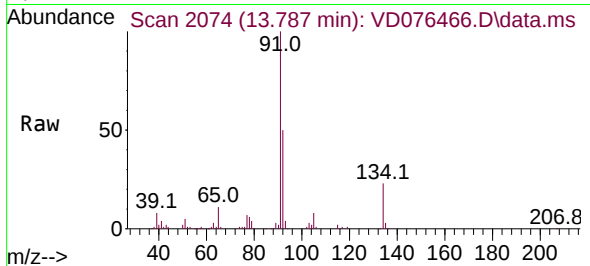
Tgt Ion:	146	Resp:	75638
Ion Ratio	Lower	Upper	
146	100		
111	38.4	17.4	52.3
148	65.8	31.7	95.1





#89
n-Butylbenzene
Concen: 20.721 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

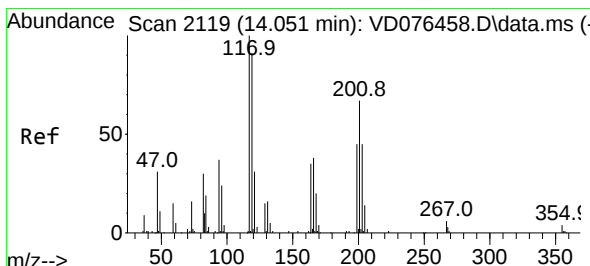
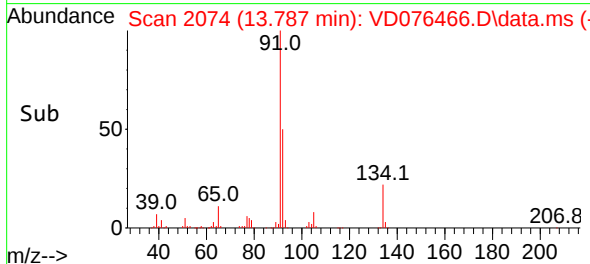
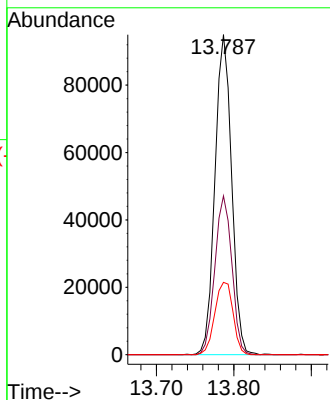


Tgt Ion: 91 Resp: 141930
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 24.8 13.8 41.3

Manual Integrations
APPROVED

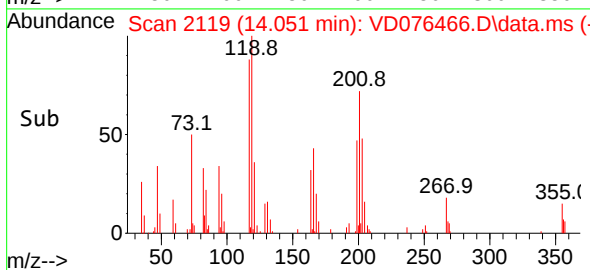
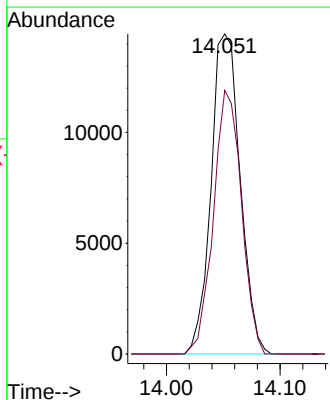
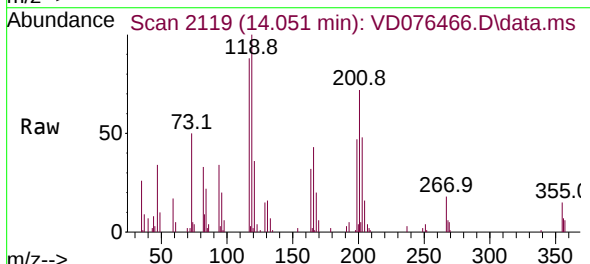
Reviewed By :John
Carlone
06/20/2023

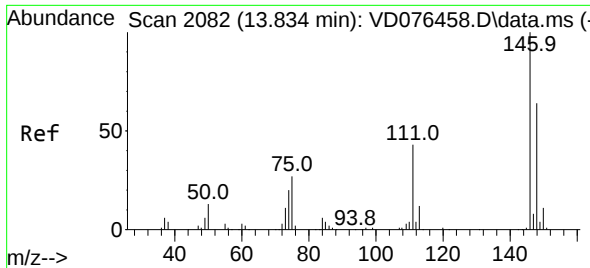
Supervised By :Mahesh
Dadoda
06/20/2023



#90
Hexachloroethane
Concen: 19.893 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

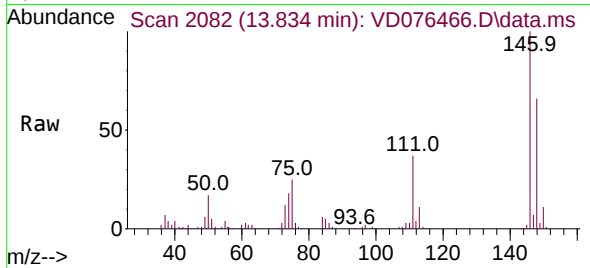
Tgt Ion:117 Resp: 25780
Ion Ratio Lower Upper
117 100
201 79.1 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 20.531 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

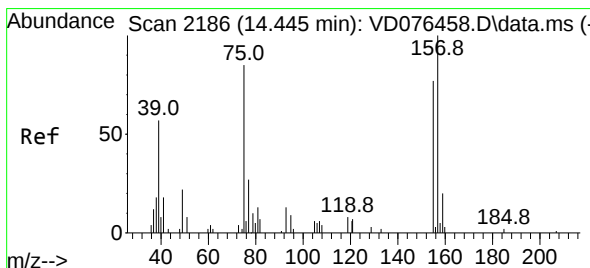
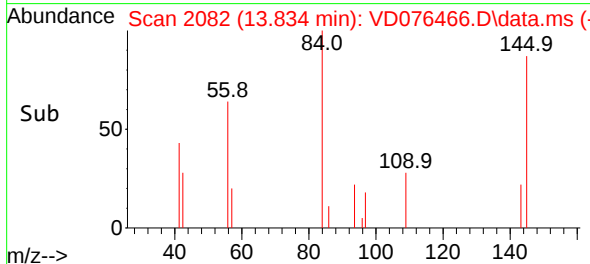
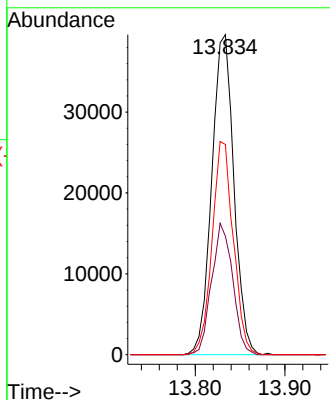


Tgt Ion:146 Resp: 6785
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 63.9 31.6 94.7

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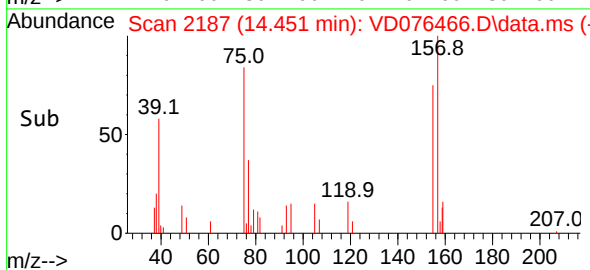
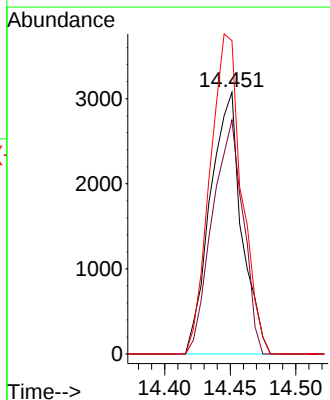
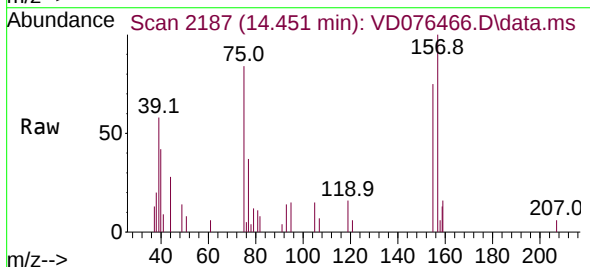
Reviewed By :John
Carlone
06/20/2023

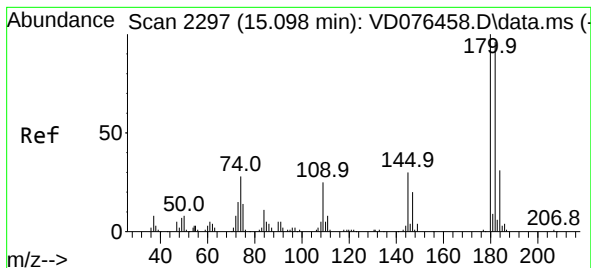
Supervised By :Mahesh
Dadoda
06/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.166 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

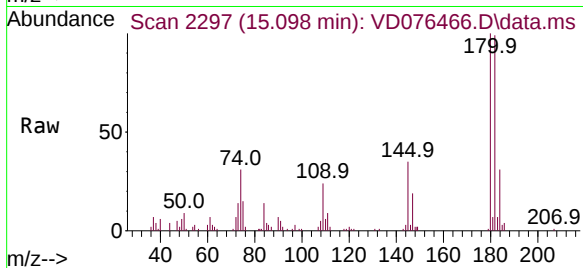
Tgt Ion: 75 Resp: 5131
Ion Ratio Lower Upper
75 100
155 87.6 47.9 143.8
157 123.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.996 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

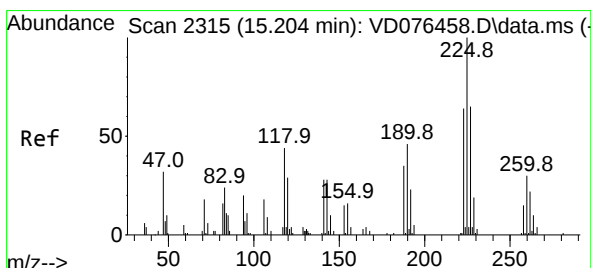
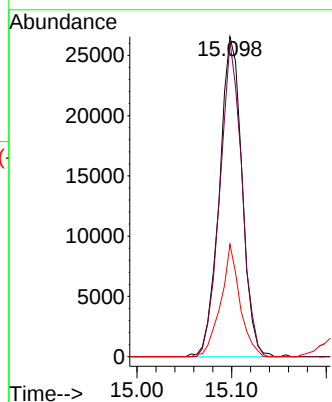
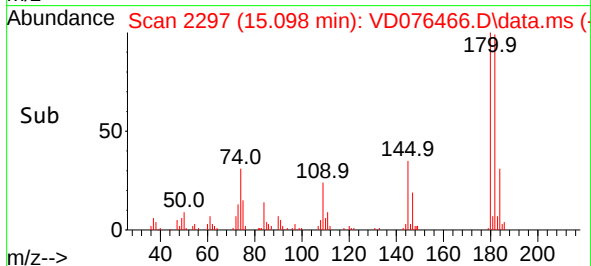


Tgt Ion:180 Resp: 4404
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.6
145 29.8 14.2 42.6

Manual Integrations
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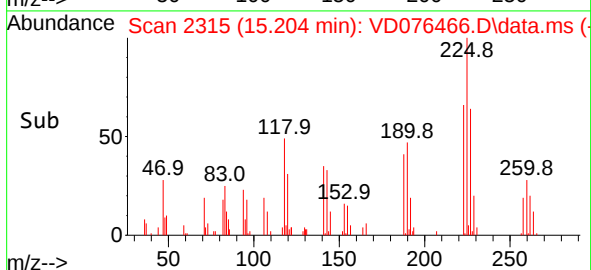
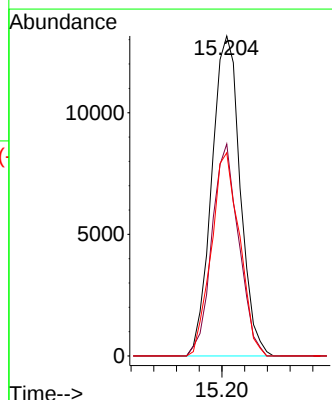
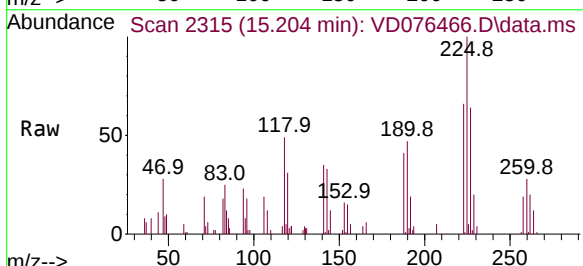
Reviewed By :John
Carlone
06/20/2023

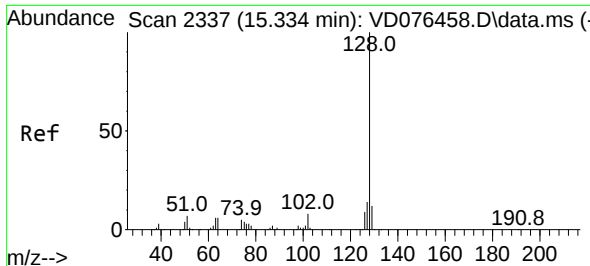
Supervised By :Mahesh
Dadoda
06/20/2023



#94
Hexachlorobutadiene
Concen: 21.341 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

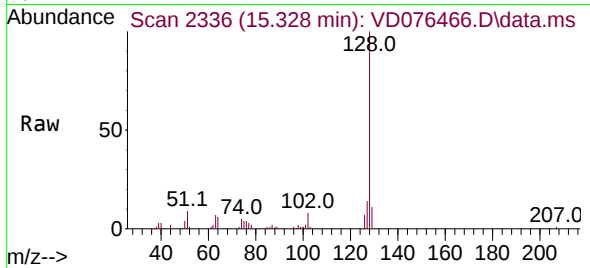
Tgt Ion:225 Resp: 22854
Ion Ratio Lower Upper
225 100
223 62.5 31.6 94.8
227 62.9 31.7 95.1





#95
Naphthalene
Concen: 20.934 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

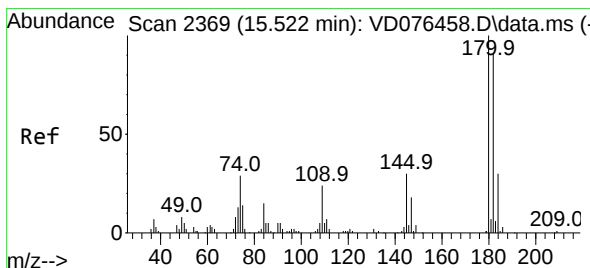
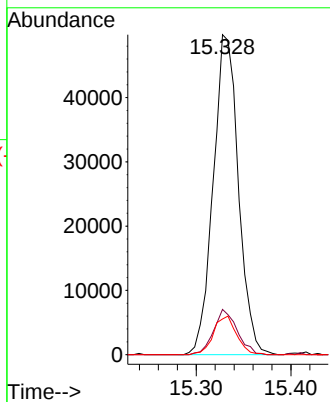
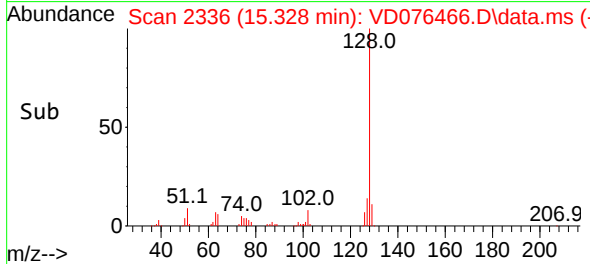


Tgt Ion:128 Resp: 92210
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
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Reviewed By :John
Carlone
06/20/2023

Supervised By :Mahesh
Dadoda
06/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.698 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076466.D
Acq: 19 Jun 2023 13:11

Tgt Ion:180 Resp: 37802
Ion Ratio Lower Upper
180 100
182 98.3 47.3 141.9
145 32.0 15.1 45.3

