

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076748.D
 Acq On : 17 Jul 2023 12:13
 Operator : KP/SY
 Sample : VD0717SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 01:22:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	211528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	380106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92800	44.046	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.100%		
35) Dibromofluoromethane	7.805	113	110324	46.187	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.380%		
50) Toluene-d8	10.269	98	380865	44.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.140%		
62) 4-Bromofluorobenzene	12.575	95	124855	45.167	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	38662	23.373	ug/l	98
3) Chloromethane	2.146	50	56013	19.630	ug/l	99
4) Vinyl Chloride	2.275	62	77389	20.346	ug/l	98
5) Bromomethane	2.675	94	60159	19.223	ug/l	97
6) Chloroethane	2.823	64	56998	19.847	ug/l	97
7) Trichlorofluoromethane	3.164	101	72398	21.391	ug/l	100
8) Diethyl Ether	3.593	74	23166	19.880	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	47362	21.288	ug/l	98
10) Methyl Iodide	4.152	142	53704	21.414	ug/l	92
11) Tert butyl alcohol	5.058	59	18728	119.121	ug/l	# 94
12) 1,1-Dichloroethene	3.928	96	42873	20.511	ug/l	90
13) Acrolein	3.793	56	11926	111.314	ug/l	96
14) Allyl chloride	4.546	41	52854	19.249	ug/l	92
15) Acrylonitrile	5.264	53	53229	93.004	ug/l	100
16) Acetone	4.022	43	47838	95.073	ug/l	96
17) Carbon Disulfide	4.264	76	99413	20.363	ug/l	100
18) Methyl Acetate	4.558	43	37481	19.826	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	110557	19.724	ug/l	98
20) Methylene Chloride	4.805	84	60900	12.628	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	49637	20.430	ug/l	90
22) Diisopropyl ether	6.216	45	126497	19.455	ug/l	98
23) Vinyl Acetate	6.152	43	288943	89.813	ug/l	93
24) 1,1-Dichloroethane	6.105	63	86408	19.710	ug/l	97
25) 2-Butanone	7.081	43	68466	101.670	ug/l	92
26) 2,2-Dichloropropane	7.075	77	78798	20.851	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	60708	20.268	ug/l	95
28) Bromochloromethane	7.422	49	24632	22.474	ug/l	88
29) Tetrahydrofuran	7.446	42	37628	94.571	ug/l	92
30) Chloroform	7.593	83	99801	20.785	ug/l	94
31) Cyclohexane	7.875	56	63674	20.535	ug/l	# 95
32) 1,1,1-Trichloroethane	7.793	97	81734	21.098	ug/l	99
36) 1,1-Dichloropropene	8.005	75	65711	21.053	ug/l	97
37) Ethyl Acetate	7.169	43	25190	18.046	ug/l	98
38) Carbon Tetrachloride	7.987	117	62819	21.019	ug/l	96
39) Methylcyclohexane	9.275	83	74598	20.699	ug/l	95
40) Benzene	8.252	78	207688	21.089	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	15304	17.954	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	53224	20.800	ug/l	98
43) Isopropyl Acetate	8.358	43	52894	19.417	ug/l	94
44) Trichloroethene	9.028	130	55707	20.758	ug/l	90
45) 1,2-Dichloropropane	9.305	63	51796	20.374	ug/l	98
46) Dibromomethane	9.393	93	30252	20.330	ug/l	94
47) Bromodichloromethane	9.581	83	77143	20.658	ug/l	100
48) Methyl methacrylate	9.381	41	22475	18.127	ug/l	87
49) 1,4-Dioxane	9.381	88	7131	374.033	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	135768	93.605	ug/l	95
52) Toluene	10.334	92	134013	20.719	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	68826	19.857	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	79839	19.545	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	45302	20.848	ug/l	97
56) Ethyl methacrylate	10.599	69	48424	19.308	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	69777	19.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	97738	100.678	ug/l	98
59) 2-Hexanone	10.922	43	98122	94.809	ug/l	93
60) Dibromochloromethane	11.069	129	51005	20.205	ug/l	93
61) 1,2-Dibromoethane	11.175	107	39862	19.787	ug/l	98
64) Tetrachloroethene	10.810	164	46310	23.683	ug/l	93
65) Chlorobenzene	11.604	112	151299	21.937	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	54161	21.093	ug/l	98
67) Ethyl Benzene	11.687	91	252168	20.819	ug/l	97
68) m/p-Xylenes	11.793	106	195246	41.971	ug/l	91
69) o-Xylene	12.122	106	92403	20.541	ug/l	90
70) Styrene	12.134	104	162211	20.599	ug/l	97
71) Bromoform	12.298	173	29181	20.750	ug/l #	97
73) Isopropylbenzene	12.422	105	252313	20.833	ug/l	94
74) N-amyl acetate	12.234	43	47641	18.672	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	52213	20.079	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	31771m	20.013	ug/l	
77) Bromobenzene	12.698	156	57613	20.609	ug/l	88
78) n-propylbenzene	12.763	91	301746	20.551	ug/l	96
79) 2-Chlorotoluene	12.846	91	165425	20.548	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	201292	20.555	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	14066	18.857	ug/l	98
82) 4-Chlorotoluene	12.945	91	174692	20.771	ug/l	94
83) tert-Butylbenzene	13.163	119	180168	20.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	200239	20.009	ug/l	98
85) sec-Butylbenzene	13.345	105	275513	20.913	ug/l	96
86) p-Isopropyltoluene	13.457	119	222783	20.477	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	118019	20.525	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	118567	21.047	ug/l	98
89) n-Butylbenzene	13.787	91	219765	20.642	ug/l	97
90) Hexachloroethane	14.051	117	43734	21.743	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	105034	20.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7264	19.592	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	62001	20.044	ug/l	96
94) Hexachlorobutadiene	15.204	225	31645	21.271	ug/l	98
95) Naphthalene	15.328	128	128746	19.223	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	56966	20.522	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

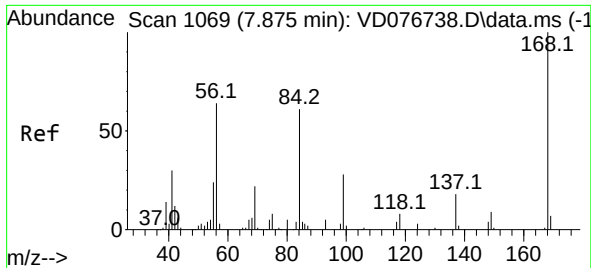
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 01:22:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

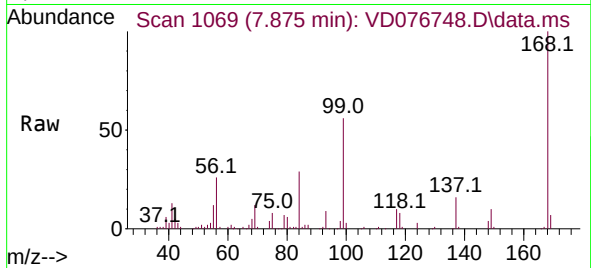
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

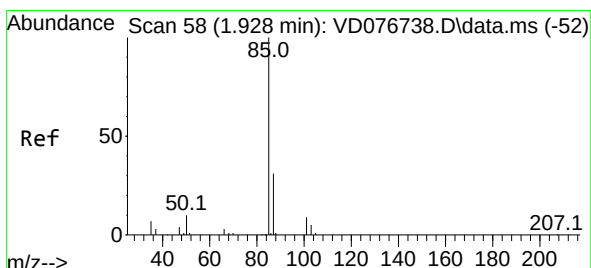
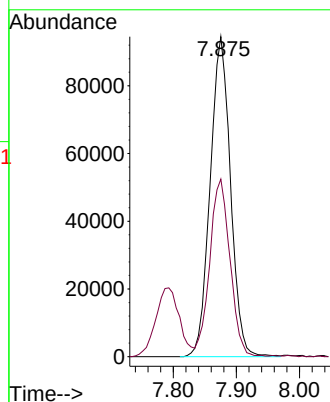
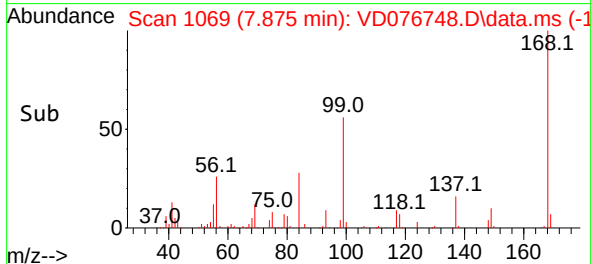
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion:168 Resp: 211528
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1

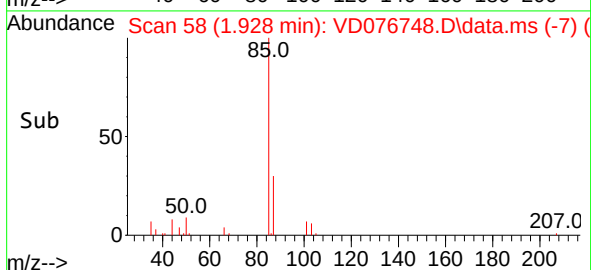
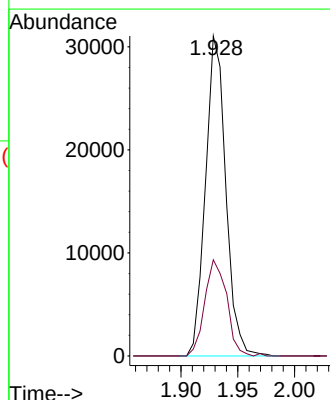
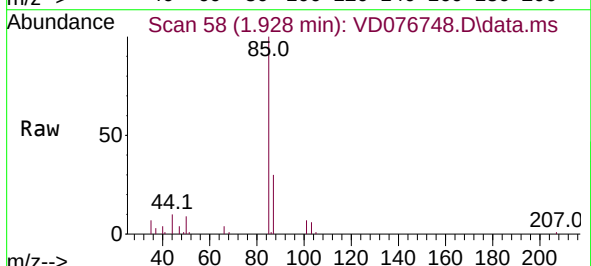
Manual Integrations
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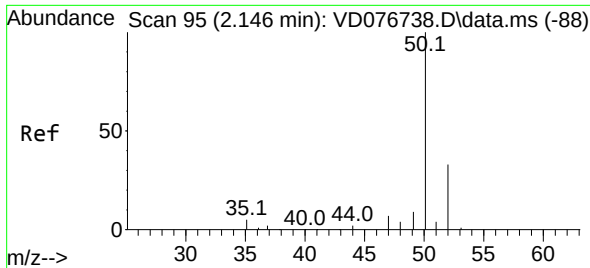
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 23.373 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

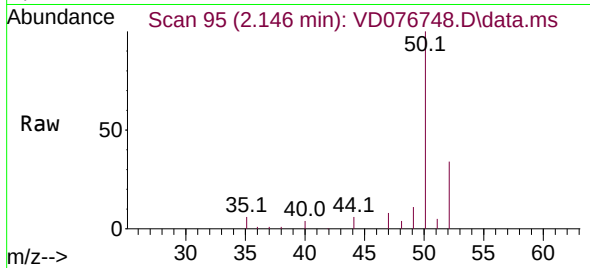
Tgt Ion: 85 Resp: 38662
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0





#3
Chloromethane
Concen: 19.630 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

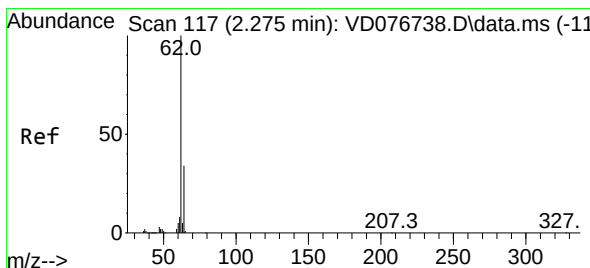
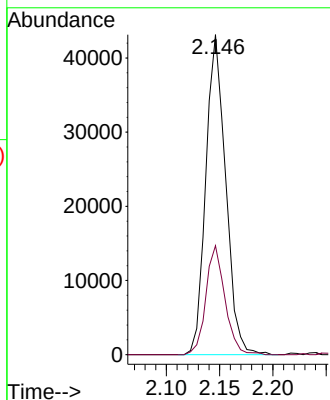
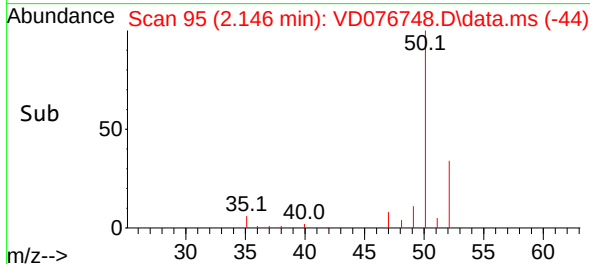
Instrument :
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VD0717SBSD01



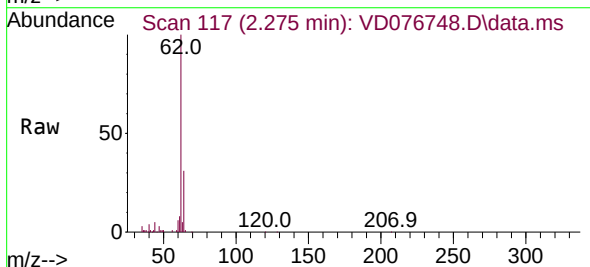
Tgt Ion: 50 Resp: 5601
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0

Manual Integrations
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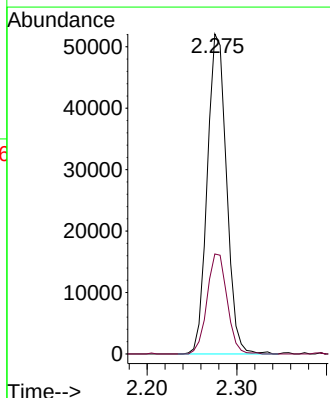
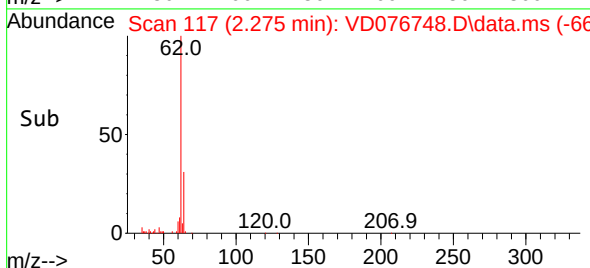
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

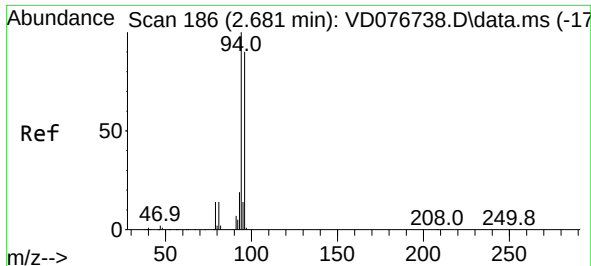


#4
Vinyl Chloride
Concen: 20.346 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



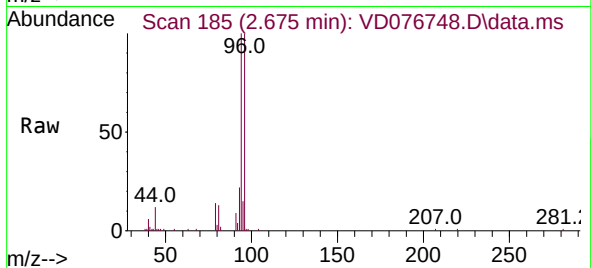
Tgt Ion: 62 Resp: 77389
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 19.223 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

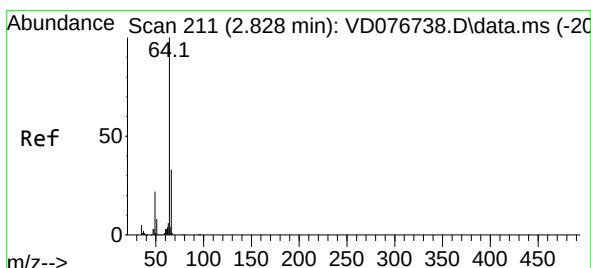
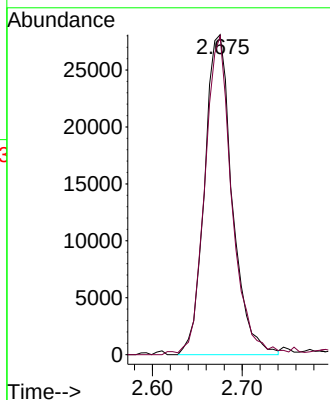
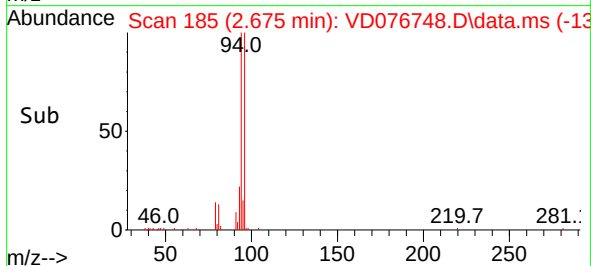
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 60159
Ion Ratio Lower Upper
94 100
96 97.7 75.8 113.8

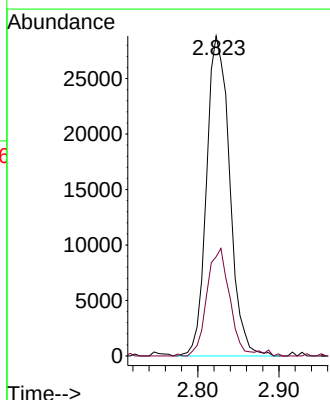
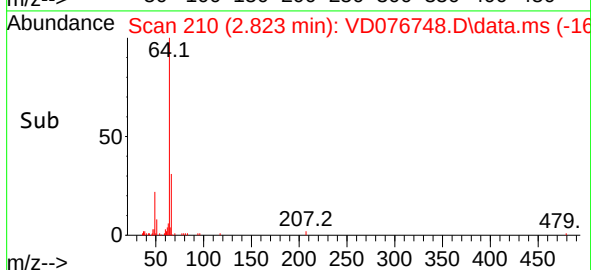
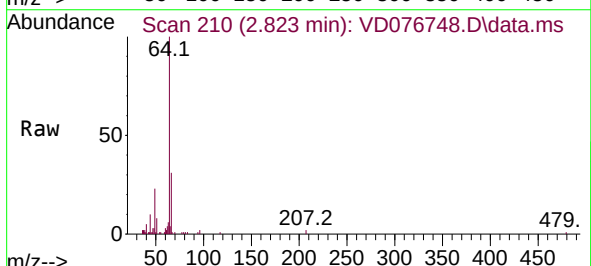
Manual Integrations
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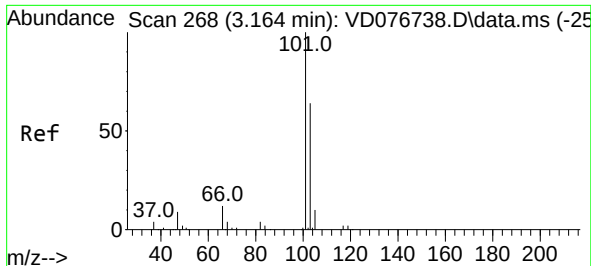
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#6
Chloroethane
Concen: 19.847 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

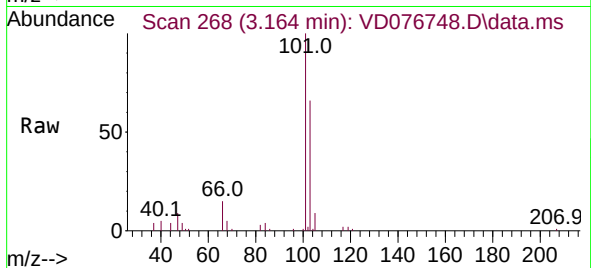
Tgt Ion: 64 Resp: 56998
Ion Ratio Lower Upper
64 100
66 30.4 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 21.391 ug/l
 RT: 3.164 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

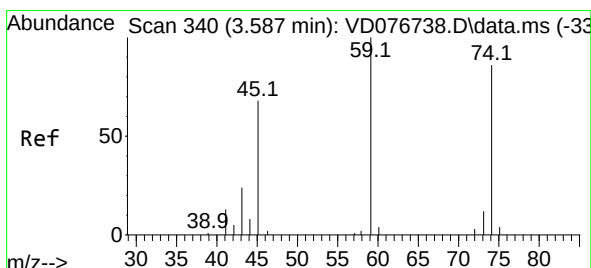
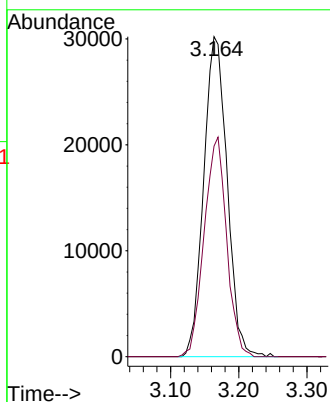
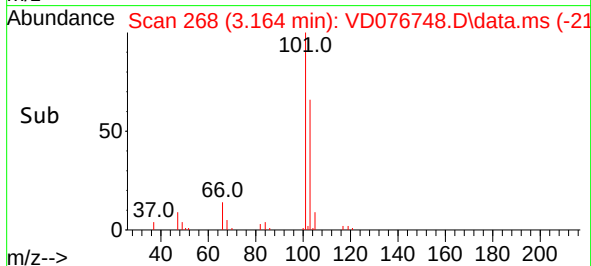
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01



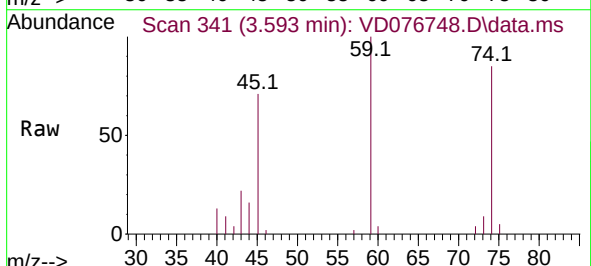
Tgt Ion:101 Resp: 72398
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5

Manual Integrations
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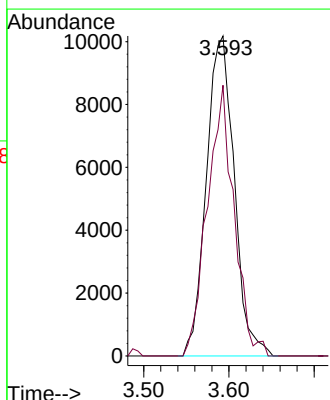
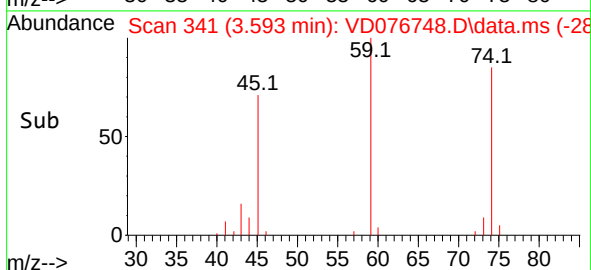
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

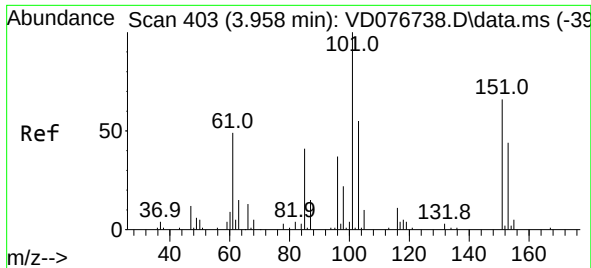


#8
 Diethyl Ether
 Concen: 19.880 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13



Tgt Ion: 74 Resp: 23166
 Ion Ratio Lower Upper
 74 100
 45 81.0 37.5 112.7





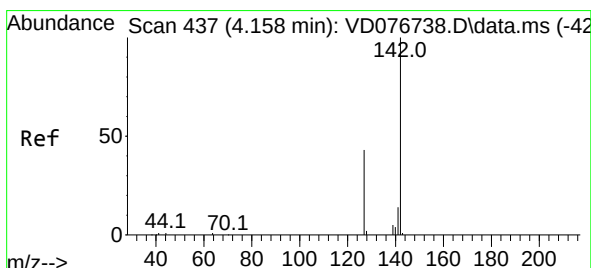
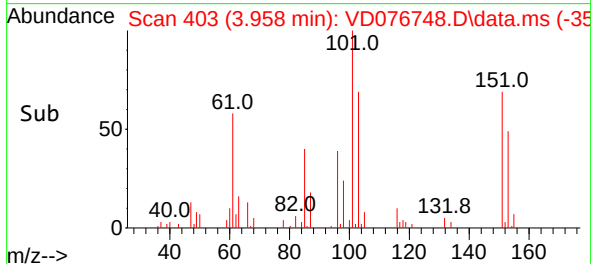
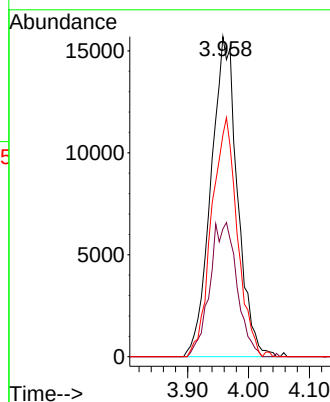
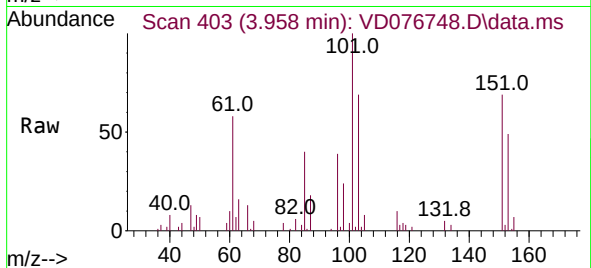
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.288 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion:101 Resp: 47362
Ion Ratio Lower Upper
101 100
85 43.2 33.8 50.6
151 72.3 59.8 89.6

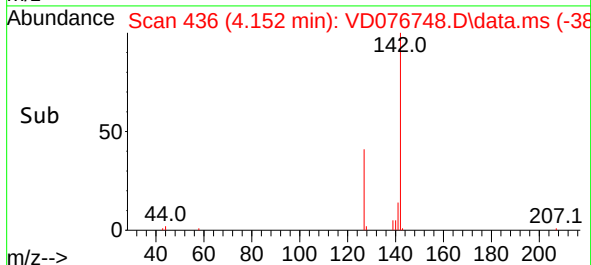
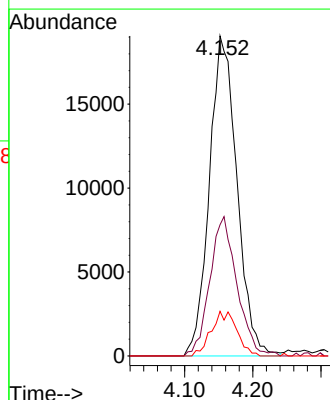
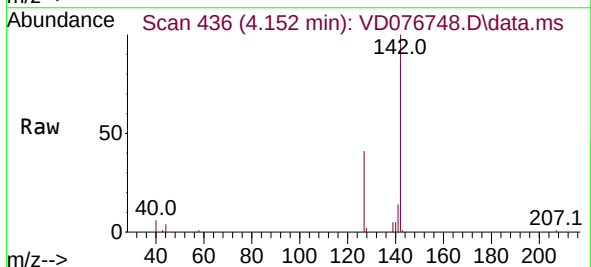
Manual Integrations
APPROVED

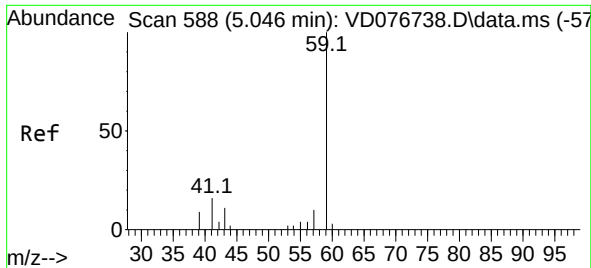
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 21.414 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:142 Resp: 53704
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 12.9 11.1 16.7





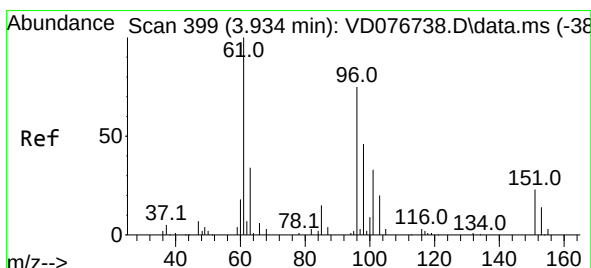
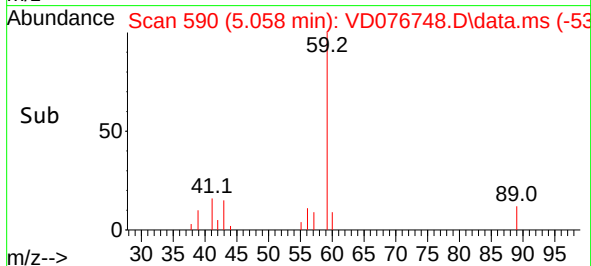
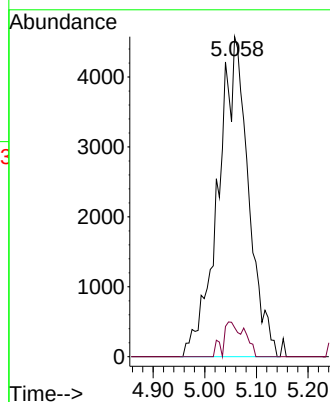
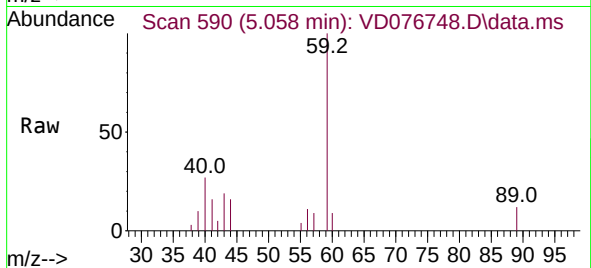
#11
Tert butyl alcohol
Concen: 119.121 ug/l
RT: 5.058 min Scan# 588
Delta R.T. 0.012 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 59 Resp: 18728
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8

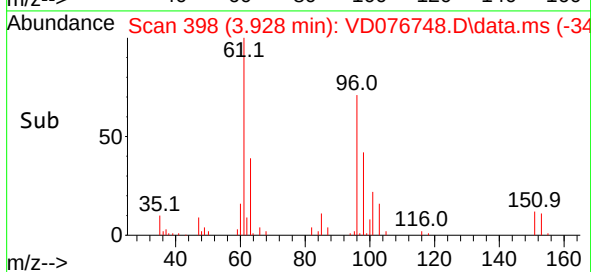
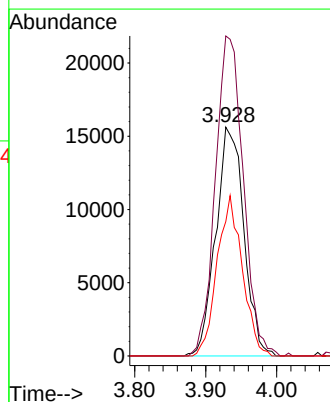
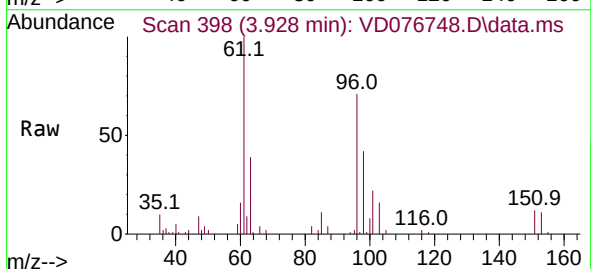
Manual Integrations
APPROVED

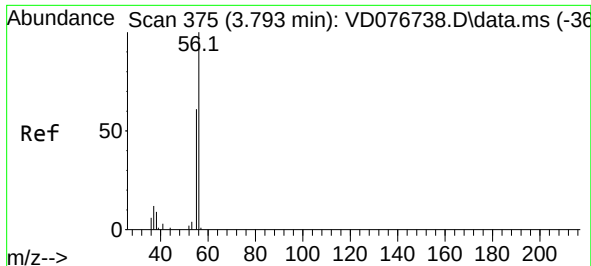
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 20.511 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

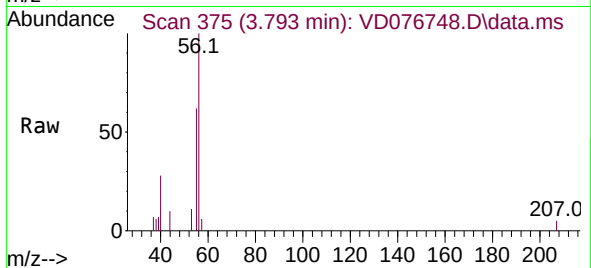
Tgt Ion: 96 Resp: 42873
Ion Ratio Lower Upper
96 100
61 139.9 100.6 150.8
98 58.8 50.2 75.2





#13
Acrolein
Concen: 111.314 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

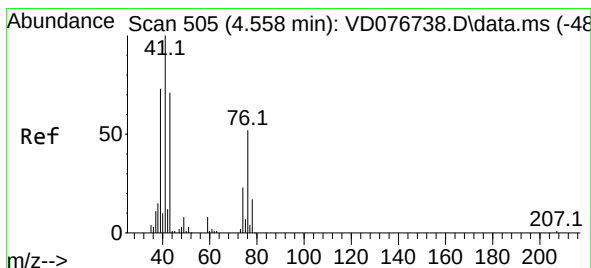
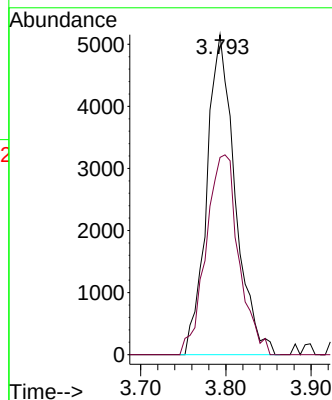
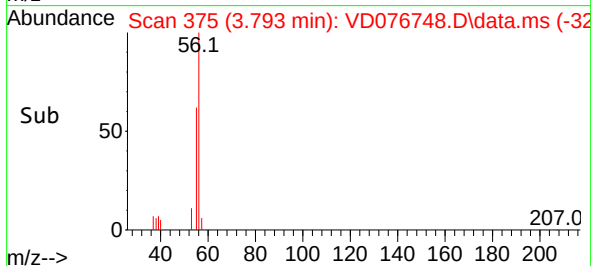
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



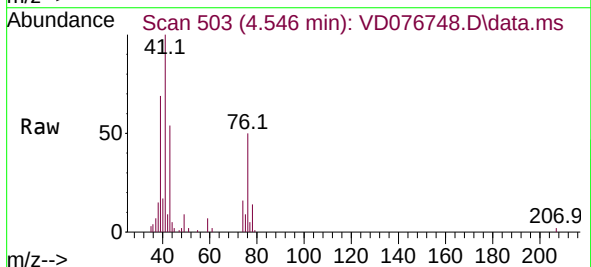
Tgt Ion: 56 Resp: 11920
Ion Ratio Lower Upper
56 100
55 71.9 55.1 82.7

Manual Integrations
APPROVED

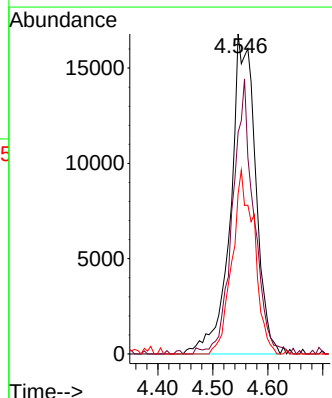
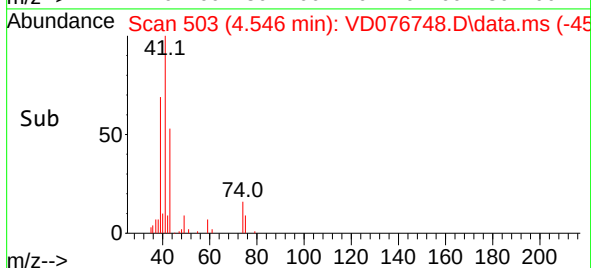
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

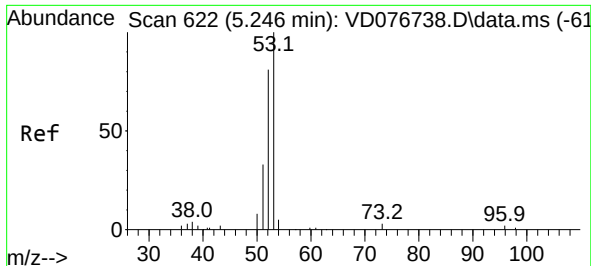


#14
Allyl chloride
Concen: 19.249 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



Tgt Ion: 41 Resp: 52854
Ion Ratio Lower Upper
41 100
39 73.0 53.8 80.6
76 51.0 45.8 68.8





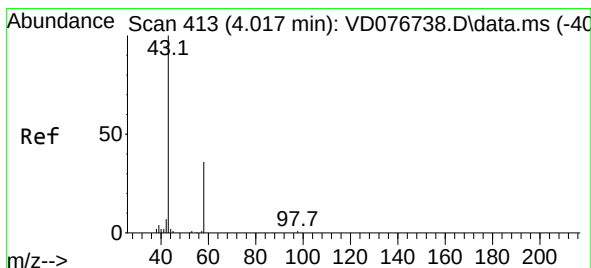
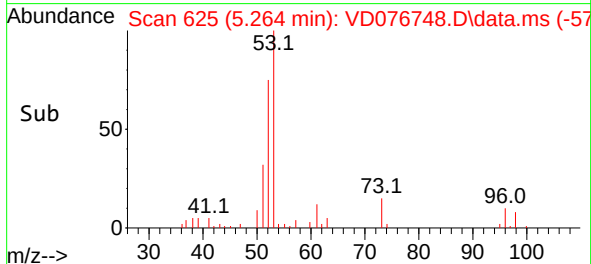
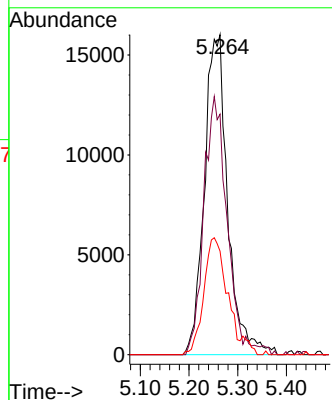
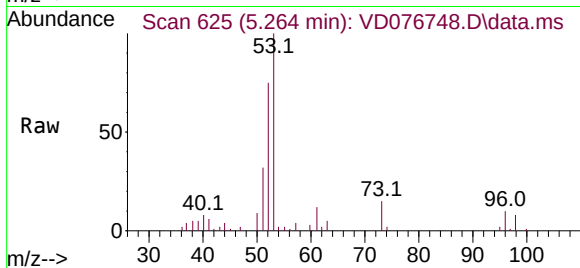
#15
Acrylonitrile
Concen: 93.004 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.018 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 53 Resp: 53229
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.4
51 35.9 28.3 42.5

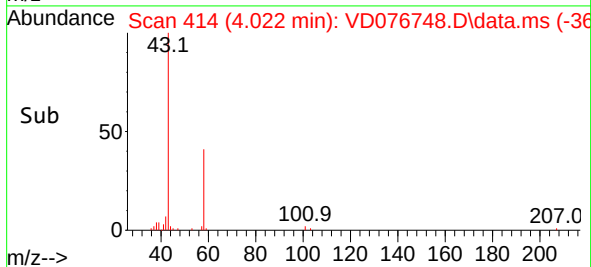
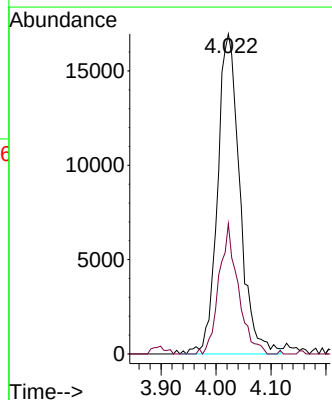
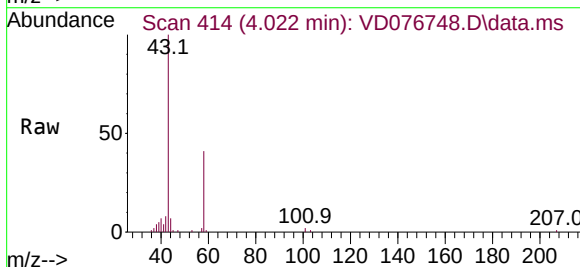
Manual Integrations
APPROVED

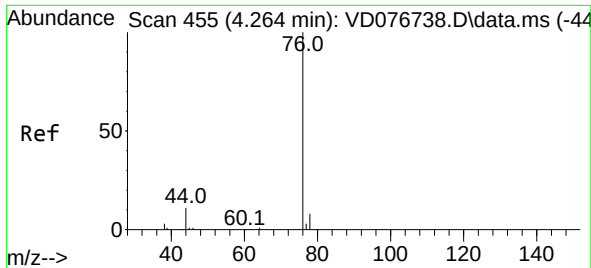
Reviewed By :John Carbone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 95.073 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 43 Resp: 47838
Ion Ratio Lower Upper
43 100
58 40.7 34.7 52.1





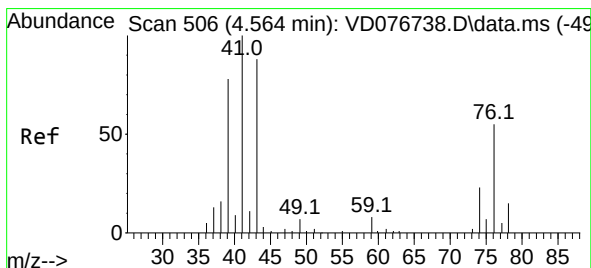
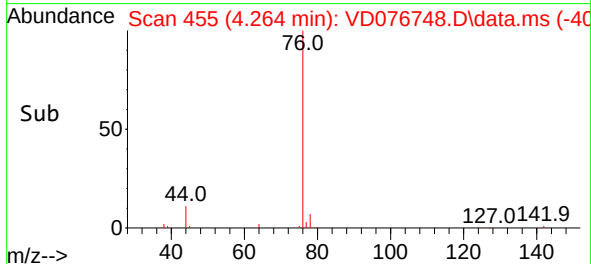
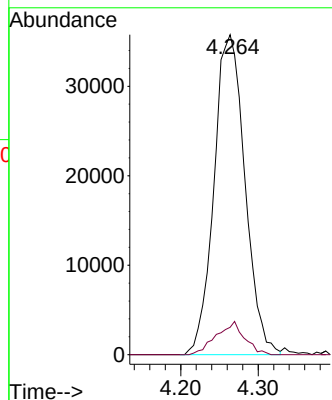
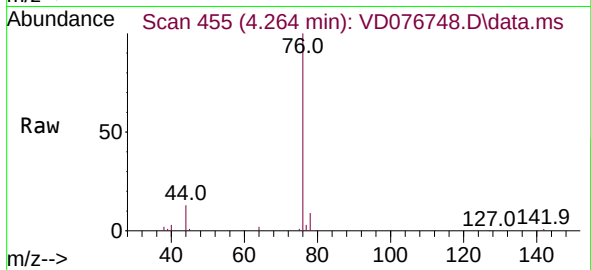
#17
Carbon Disulfide
Concen: 20.363 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 76 Resp: 9941
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

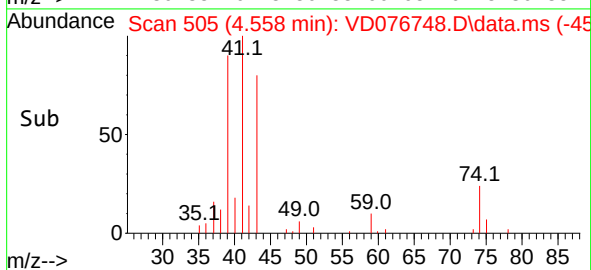
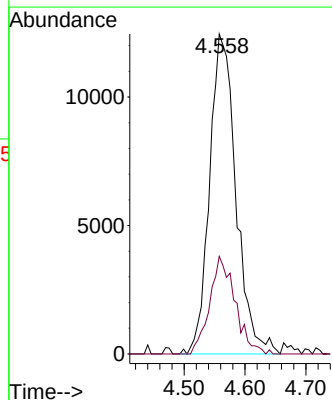
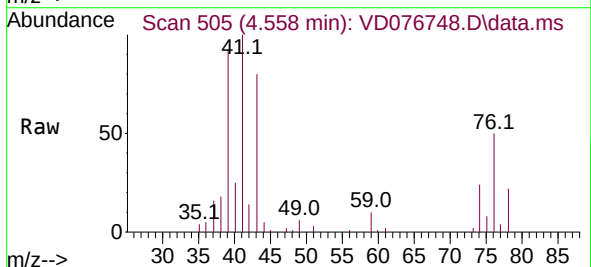
Manual Integrations
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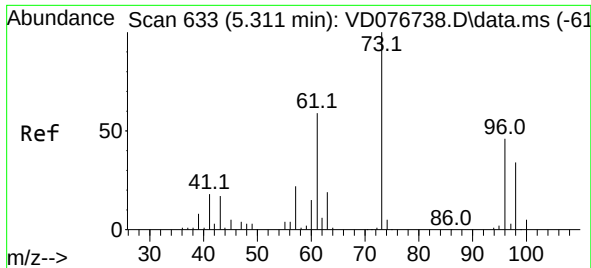
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 19.826 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 43 Resp: 37481
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





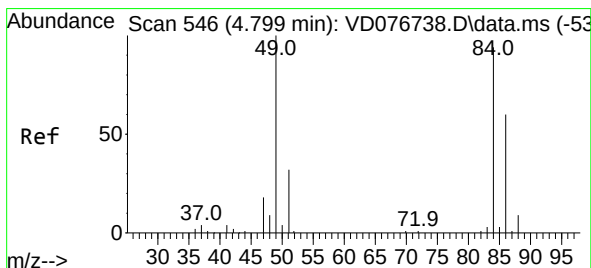
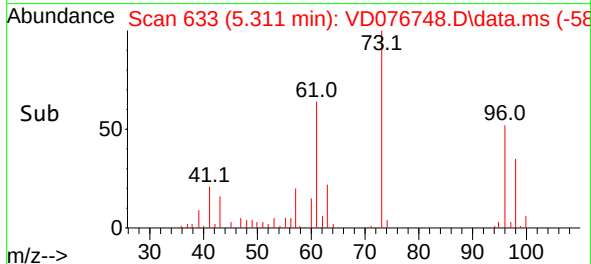
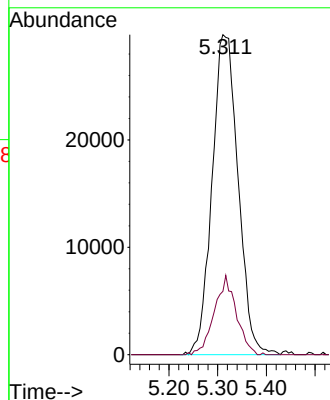
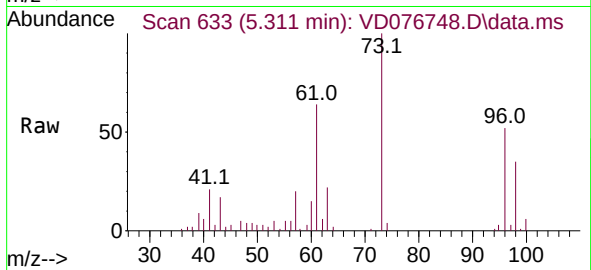
#19
Methyl tert-butyl Ether
Concen: 19.724 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 73 Resp: 11055
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0

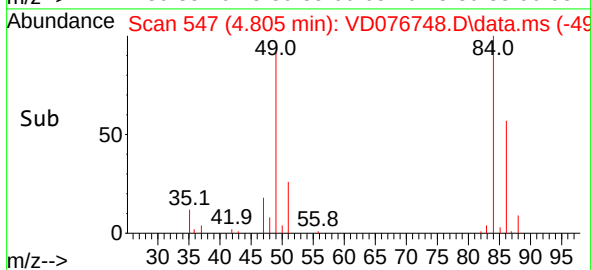
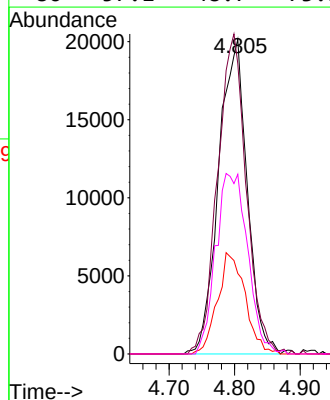
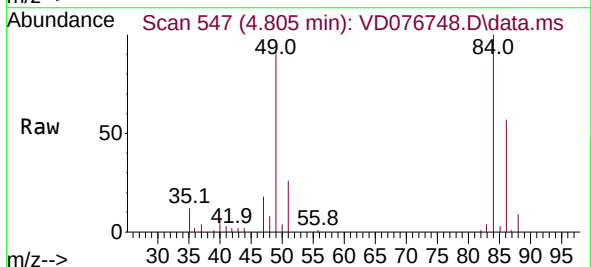
Manual Integrations
APPROVED

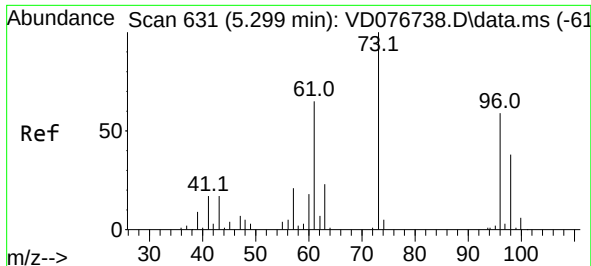
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 12.628 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

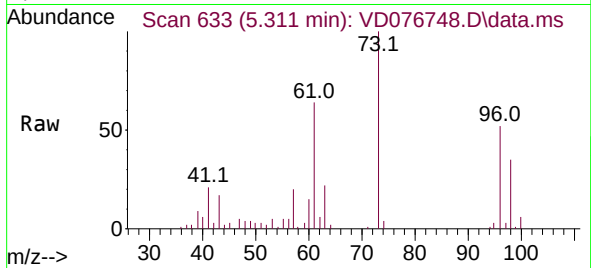
Tgt Ion: 84 Resp: 60900
Ion Ratio Lower Upper
84 100
49 92.3 71.4 107.2
51 25.6 24.5 36.7
86 57.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.430 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

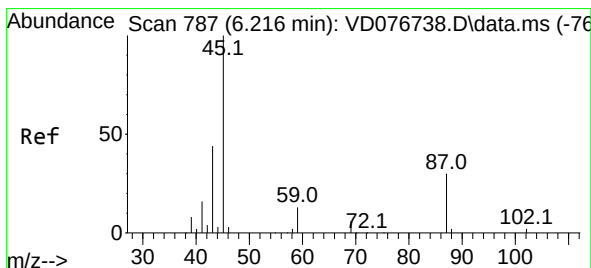
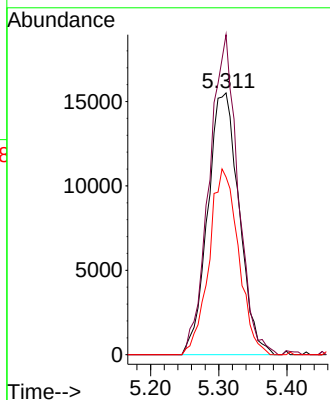
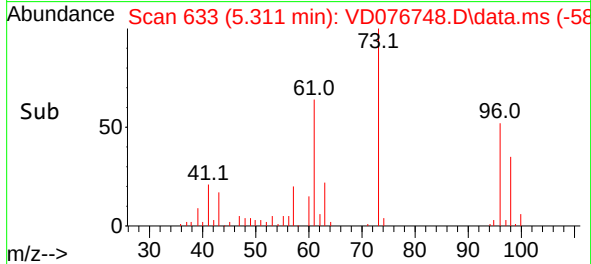
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



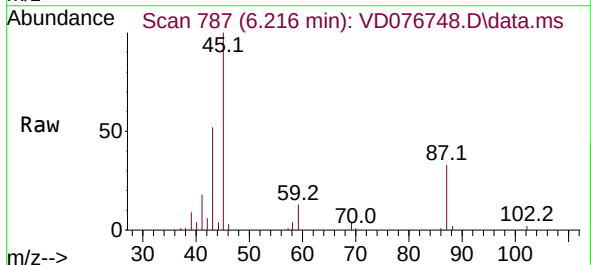
Tgt Ion: 96 Resp: 4963
Ion Ratio Lower Upper
96 100
61 122.3 89.3 133.9
98 67.9 48.6 73.0

Manual Integrations
APPROVED

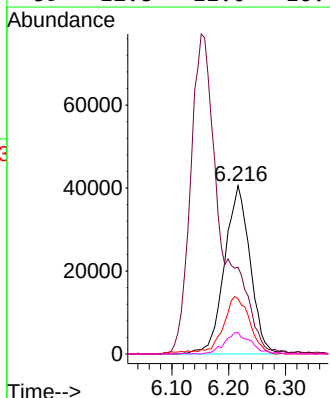
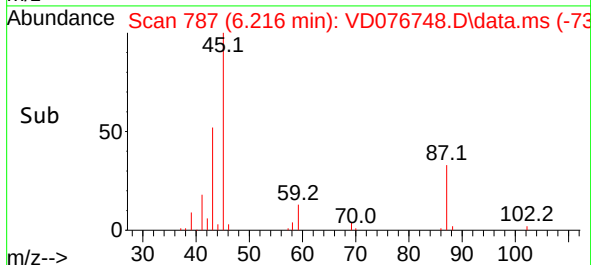
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

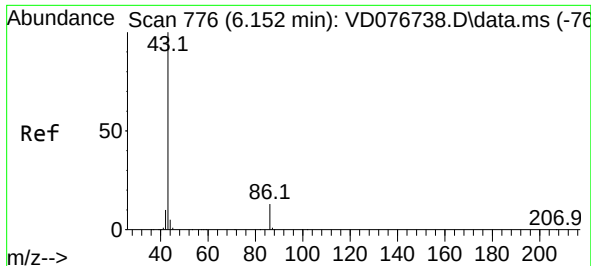


#22
Diisopropyl ether
Concen: 19.455 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



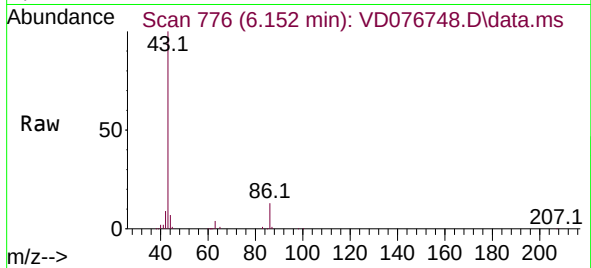
Tgt Ion: 45 Resp: 126497
Ion Ratio Lower Upper
45 100
43 49.9 40.0 60.0
87 32.7 28.2 42.4
59 12.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 89.813 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

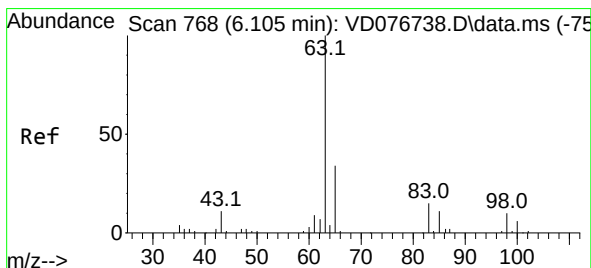
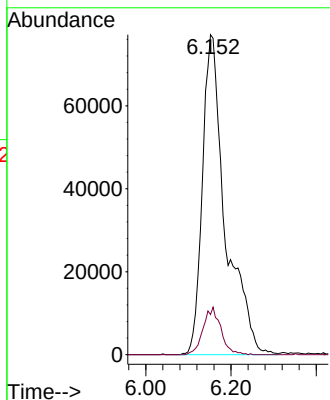
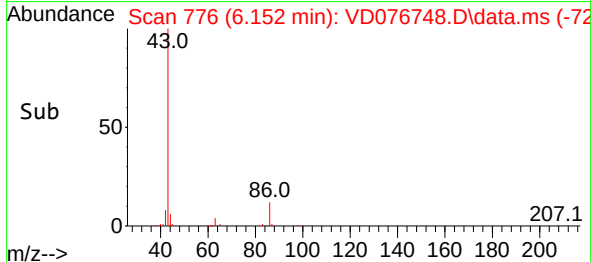
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01



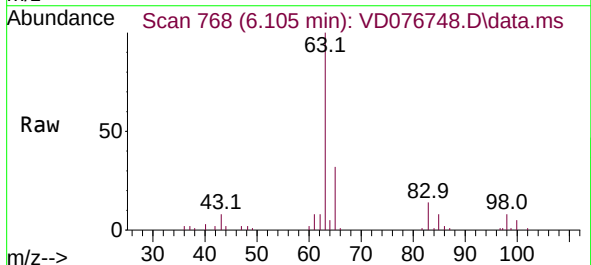
Tgt Ion: 43 Resp: 28894
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7

Manual Integrations
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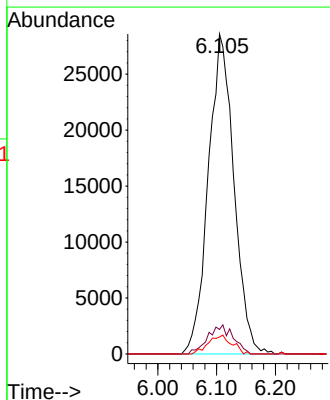
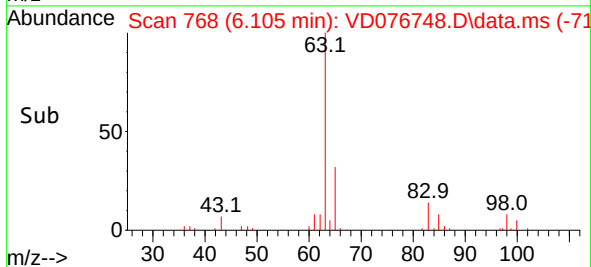
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

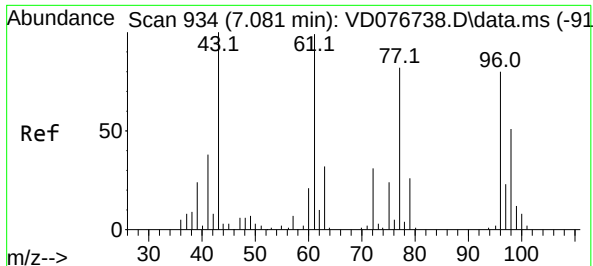


#24
 1,1-Dichloroethane
 Concen: 19.710 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13



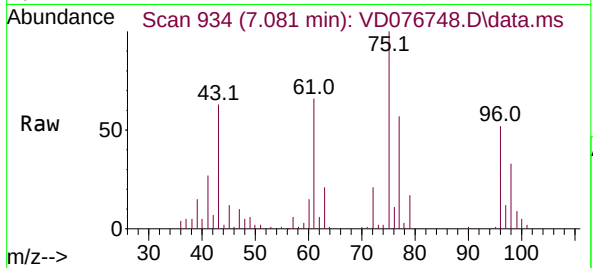
Tgt Ion: 63 Resp: 86408
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 5.3 2.5 7.5





#25
2-Butanone
Concen: 101.670 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

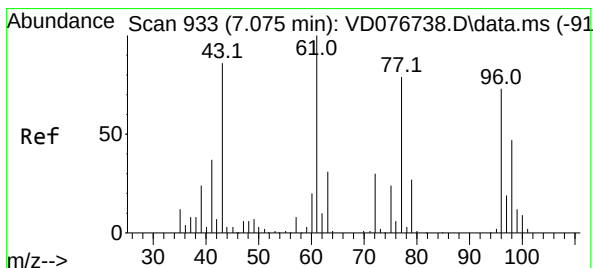
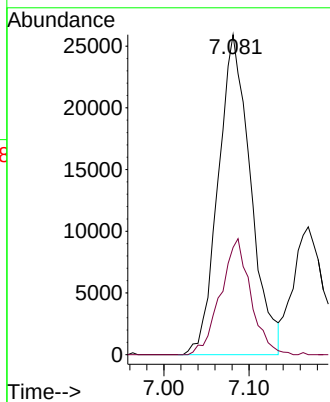
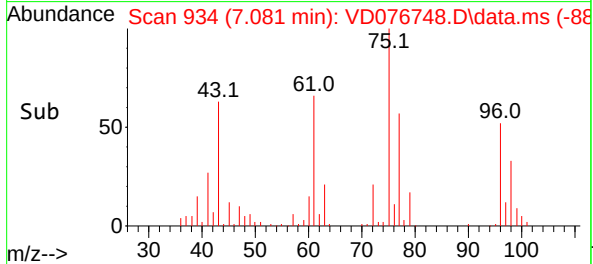
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion: 43 Resp: 6846
Ion Ratio Lower Upper
43 100
72 33.5 30.7 46.1

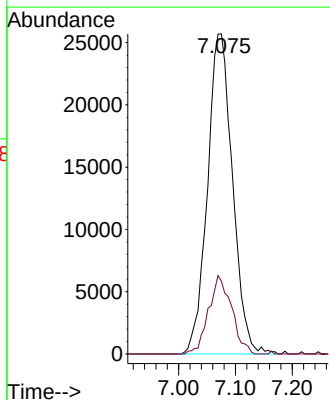
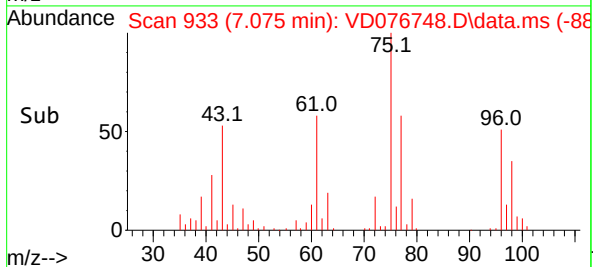
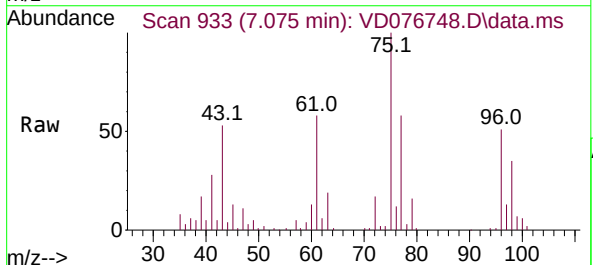
Manual Integrations
APPROVED

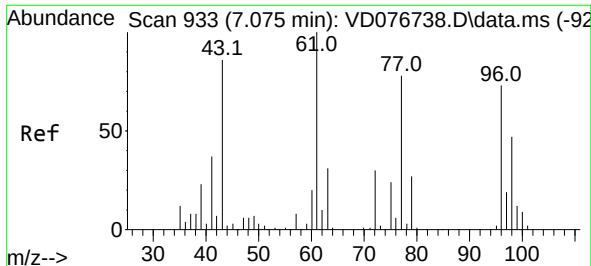
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#26
2,2-Dichloropropane
Concen: 20.851 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 77 Resp: 78798
Ion Ratio Lower Upper
77 100
97 22.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.268 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

Tgt Ion: 96 Resp: 60708

Ion Ratio Lower Upper

96 100

61 126.9 0.0 239.2

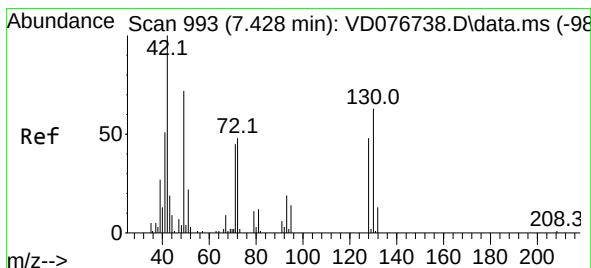
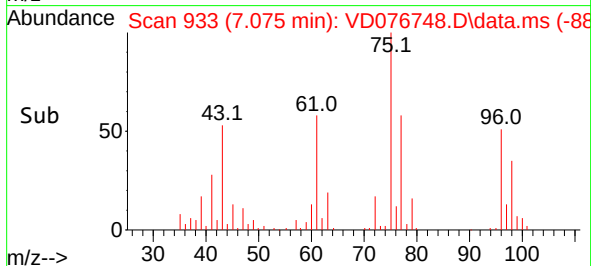
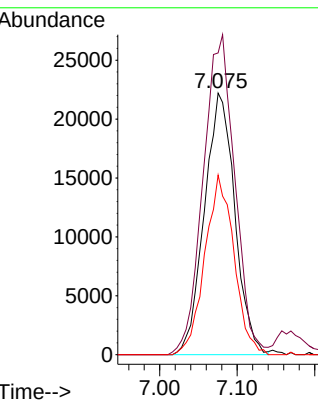
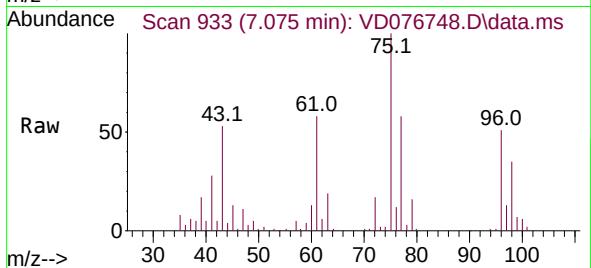
98 65.5 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#28

Bromochloromethane

Concen: 22.474 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

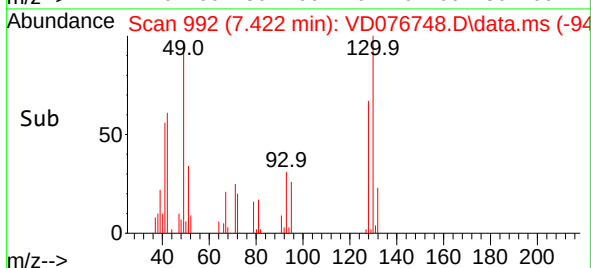
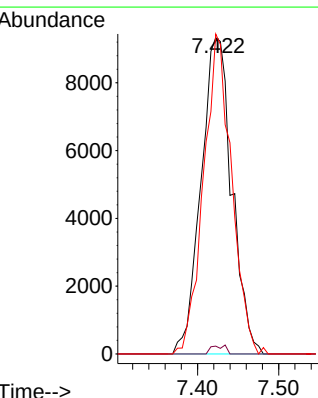
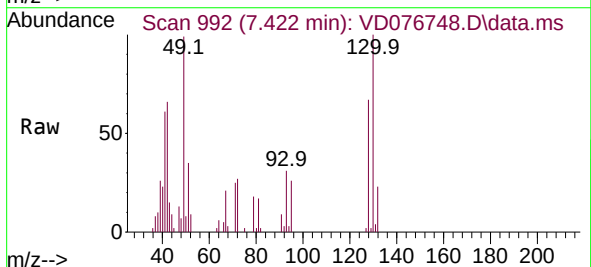
Tgt Ion: 49 Resp: 24632

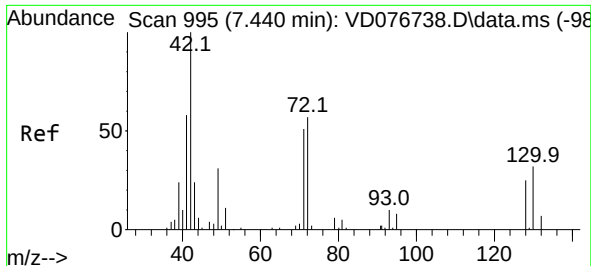
Ion Ratio Lower Upper

49 100

129 1.3 0.0 6.0

130 91.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 94.571 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 42 Resp: 37628

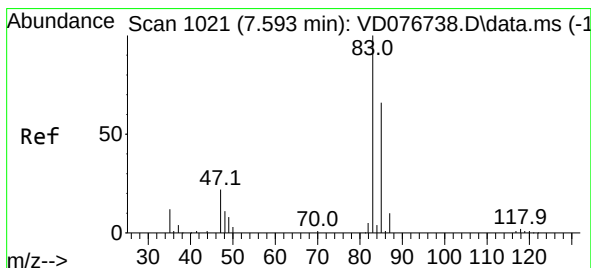
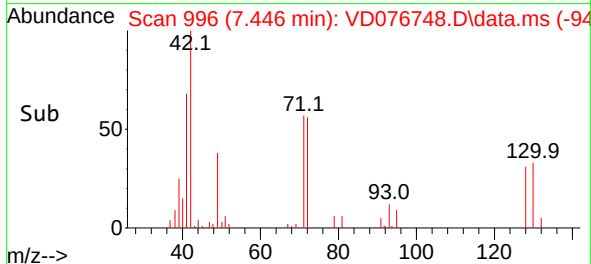
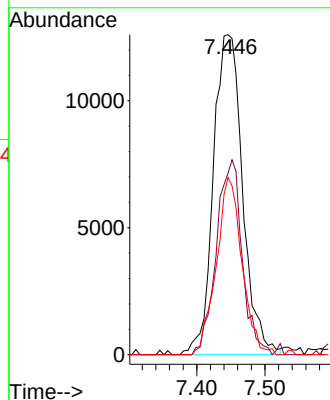
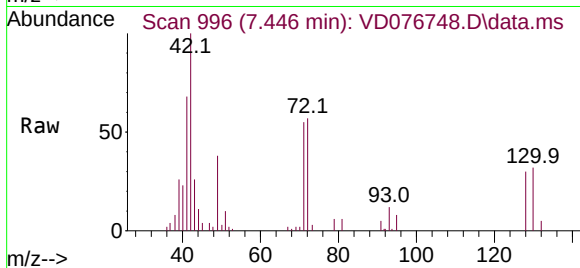
Ion	Ratio	Lower	Upper
42	100		
72	53.6	46.5	69.7
71	48.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 20.785 ug/l

RT: 7.593 min Scan# 1021

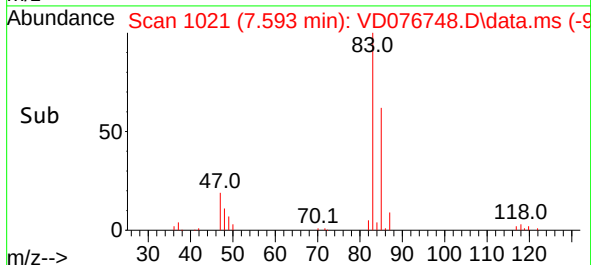
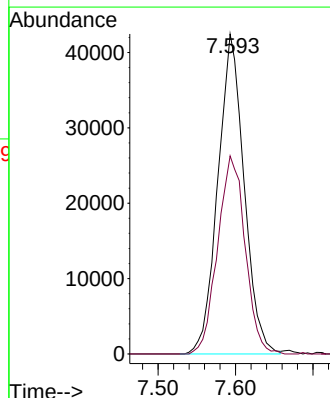
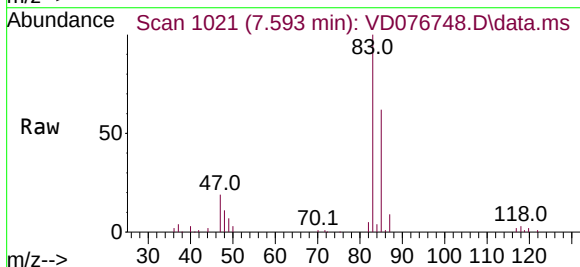
Delta R.T. -0.000 min

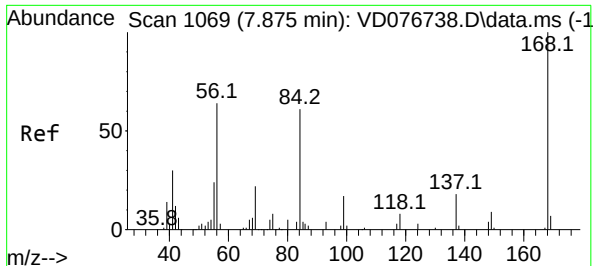
Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Tgt Ion: 83 Resp: 99801

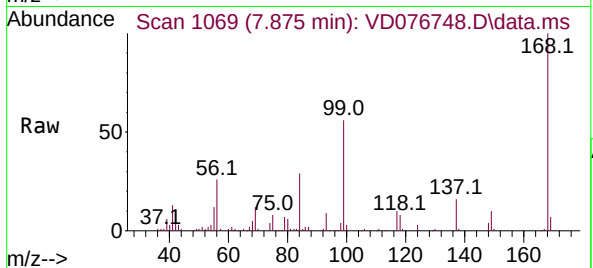
Ion	Ratio	Lower	Upper
83	100		
85	61.9	53.4	80.2





#31
Cyclohexane
Concen: 20.535 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

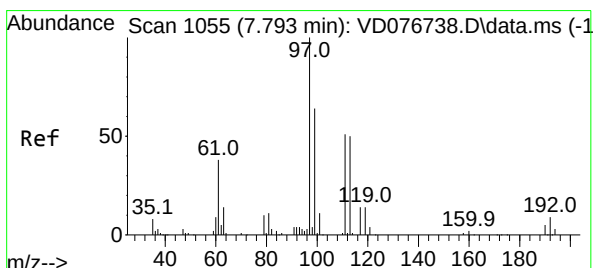
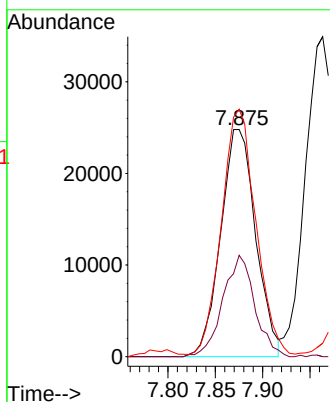
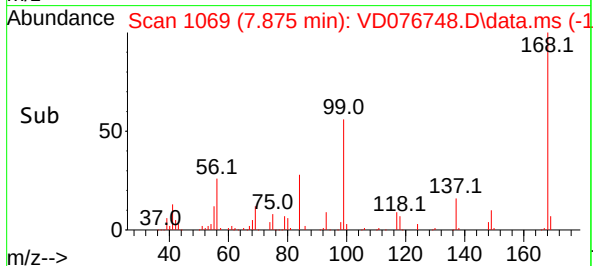
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion: 56 Resp: 63674
Ion Ratio Lower Upper
56 100
69 44.6 28.6 43.0
84 107.9 84.8 127.2

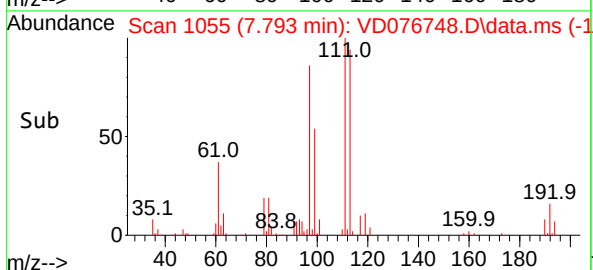
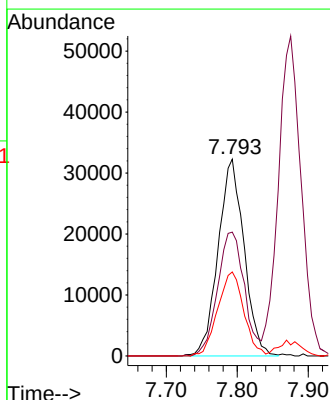
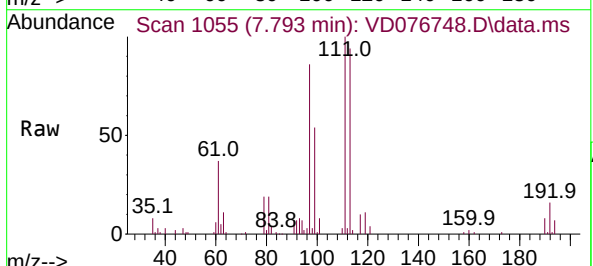
Manual Integrations
APPROVED

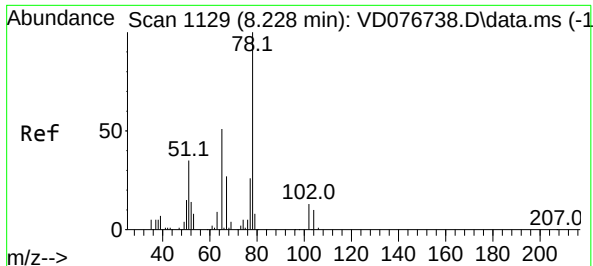
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 21.098 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 97 Resp: 81734
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 42.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.046 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 65 Resp: 92800

Ion Ratio Lower Upper

65 100

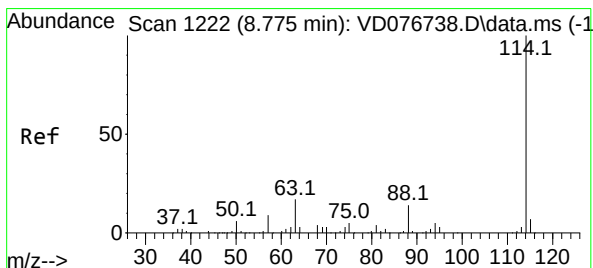
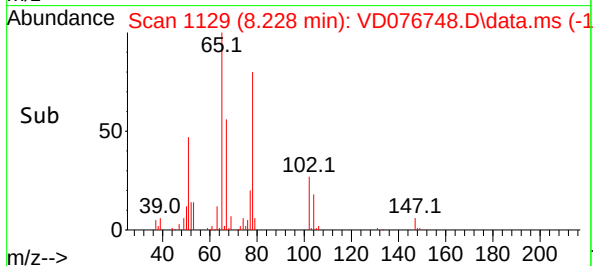
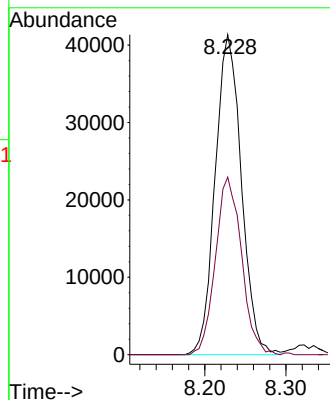
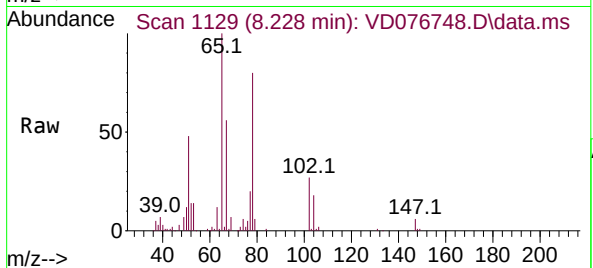
67 55.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

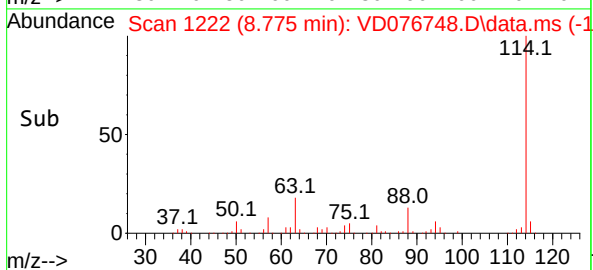
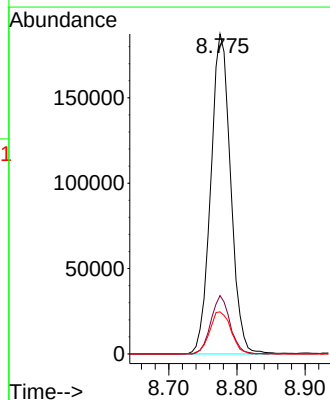
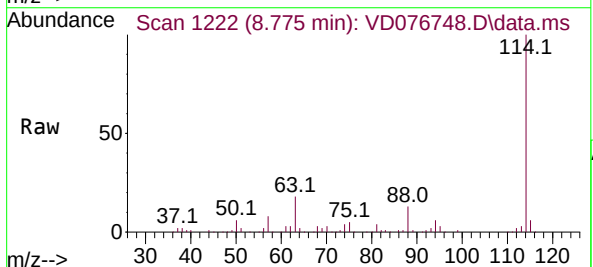
Tgt Ion:114 Resp: 380106

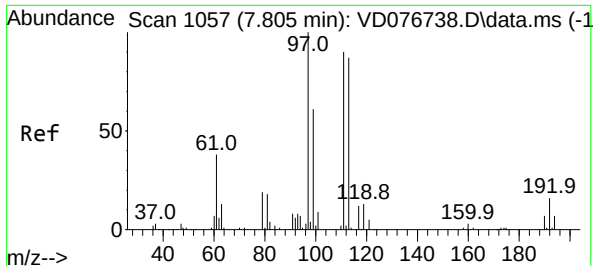
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.187 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion:113 Resp: 110324

Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

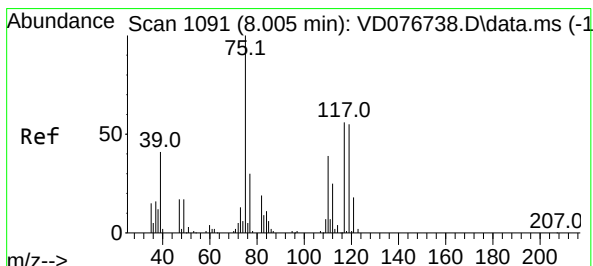
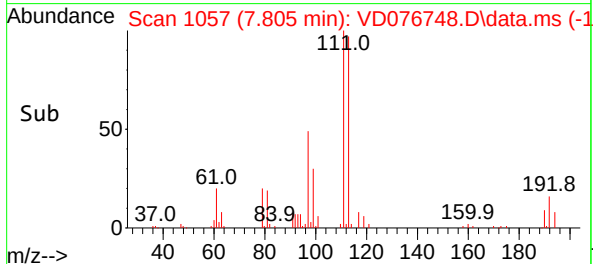
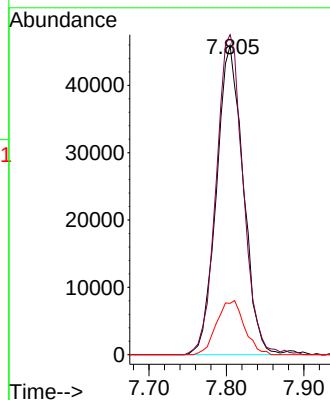
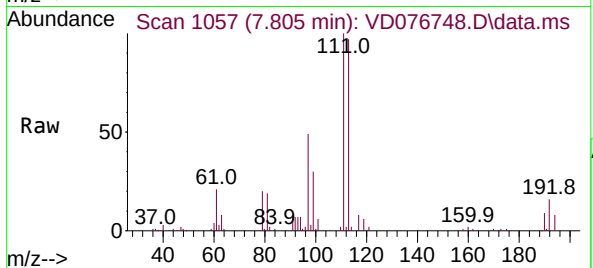
192 18.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 21.053 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

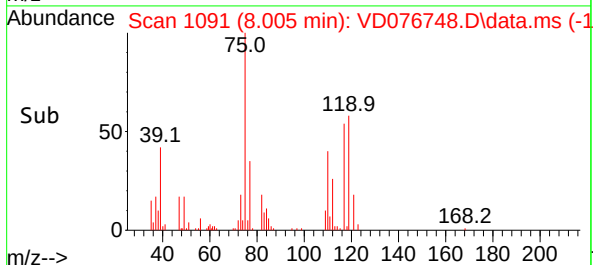
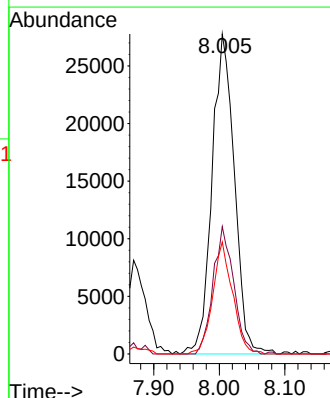
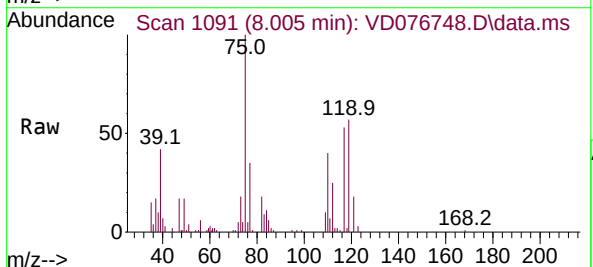
Tgt Ion: 75 Resp: 65711

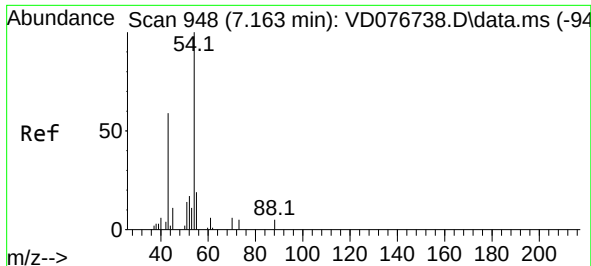
Ion Ratio Lower Upper

75 100

110 36.6 19.9 59.6

77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 18.046 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076748.D

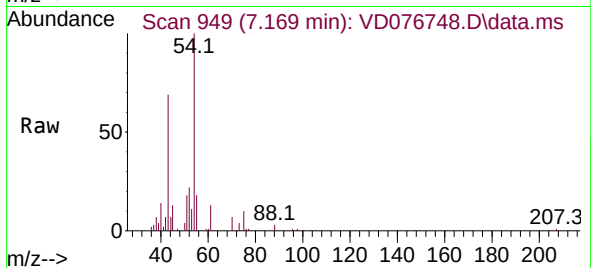
Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01



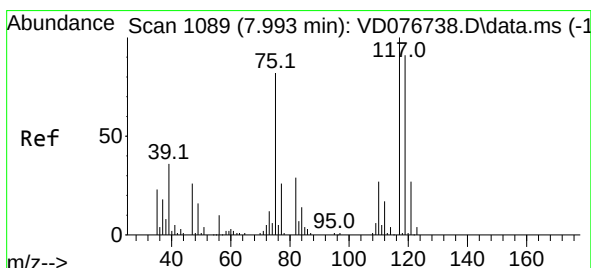
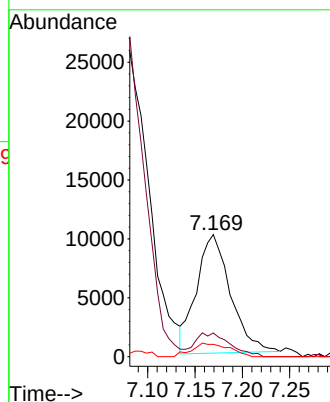
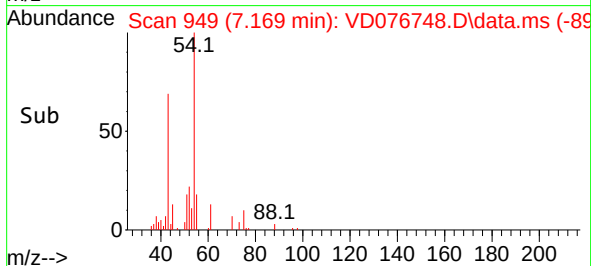
Tgt Ion:	43	Resp:	25190
Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.9	22.3
70	12.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 21.019 ug/l

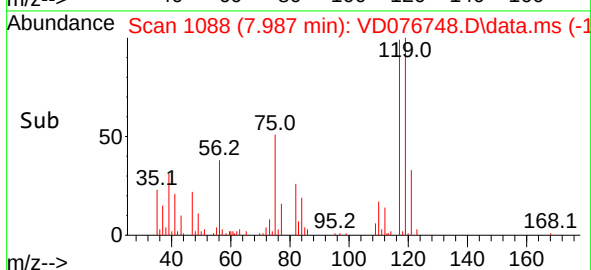
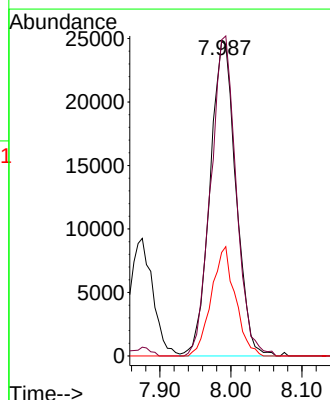
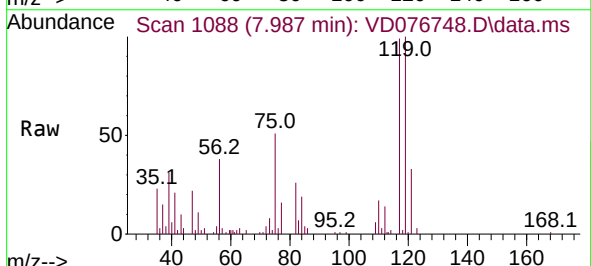
RT: 7.987 min Scan# 1088

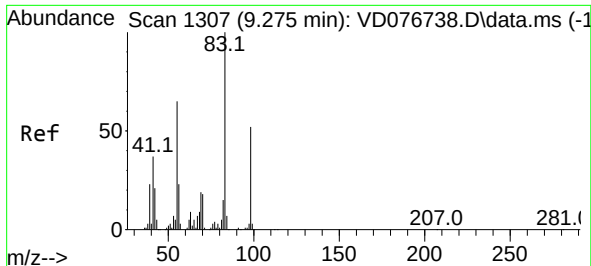
Delta R.T. -0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Tgt Ion:	117	Resp:	62819
Ion	Ratio	Lower	Upper
117	100		
119	100.6	78.0	117.0
121	32.9	24.2	36.2





#39

Methylcyclohexane

Concen: 20.699 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076748.D

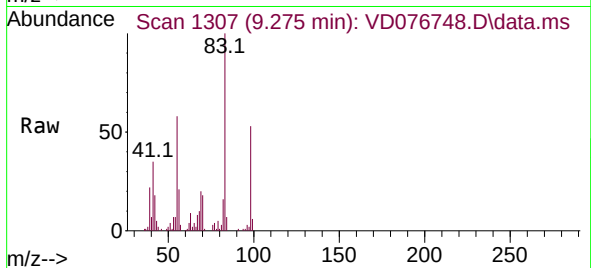
Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01



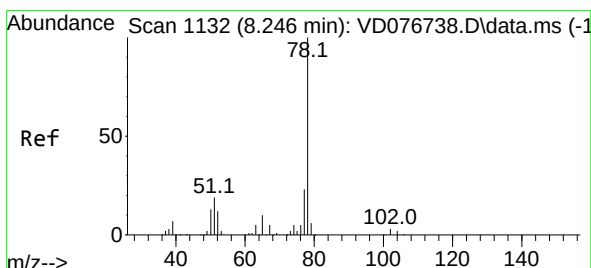
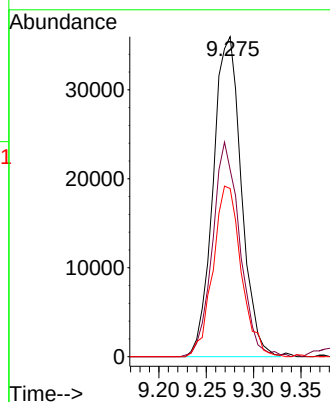
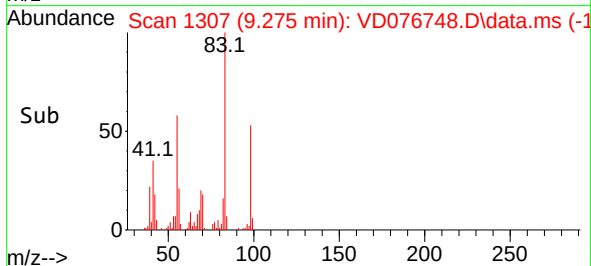
Tgt Ion:	83	Resp:	74598
Ion	Ratio	Lower	Upper
83	100		
55	58.4	49.4	74.0
98	52.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 21.089 ug/l

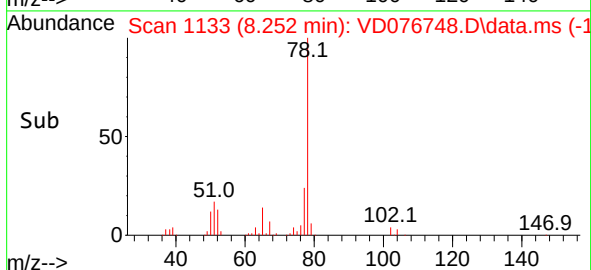
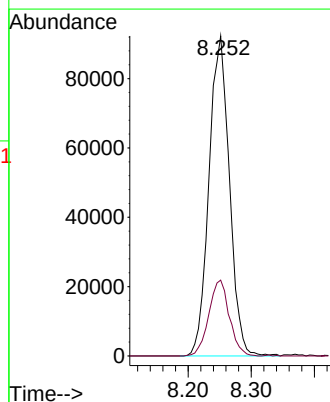
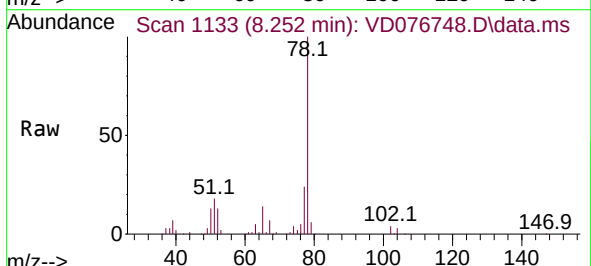
RT: 8.252 min Scan# 1133

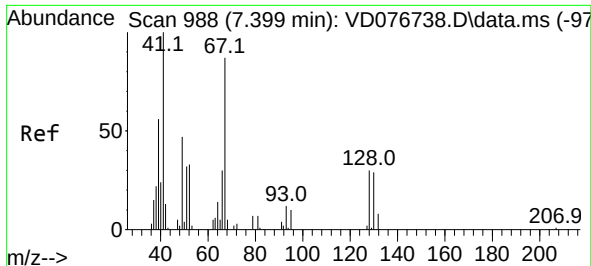
Delta R.T. 0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

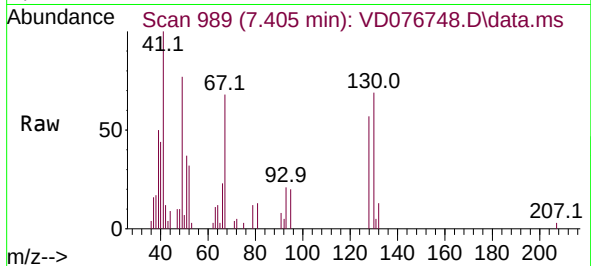
Tgt Ion:	78	Resp:	207688
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





#41
Methacrylonitrile
Concen: 17.954 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

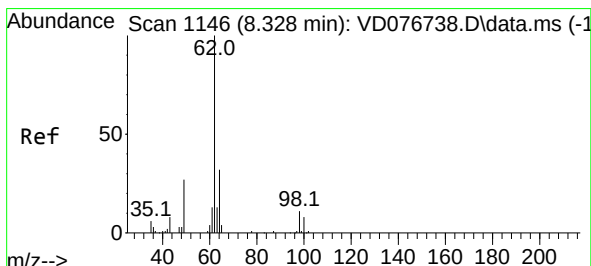
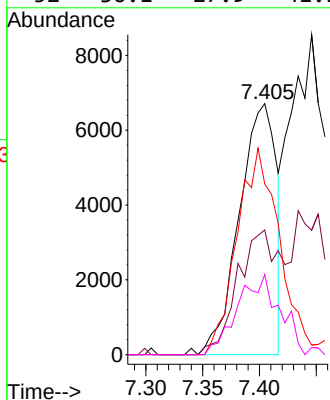
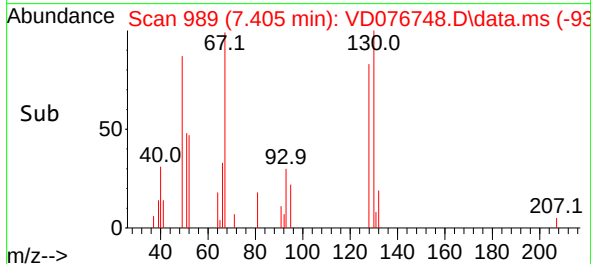
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion: 41 Resp: 15304
Ion Ratio Lower Upper
41 100
39 56.8 34.0 51.0
67 95.7 77.0 115.4
52 36.1 27.9 41.9

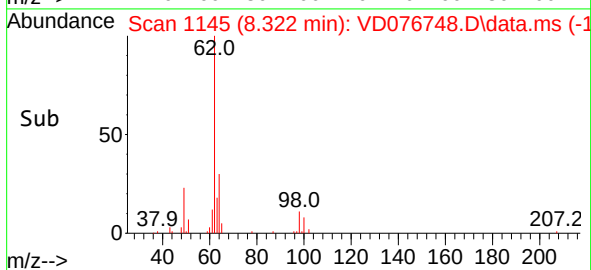
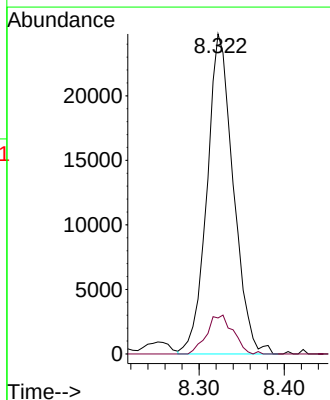
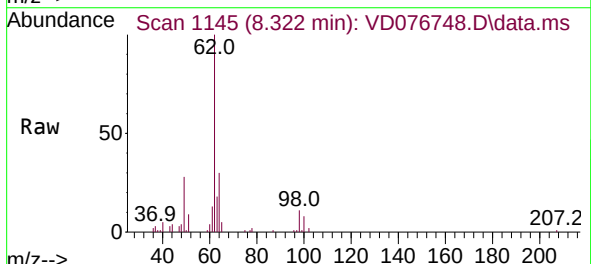
Manual Integrations
APPROVED

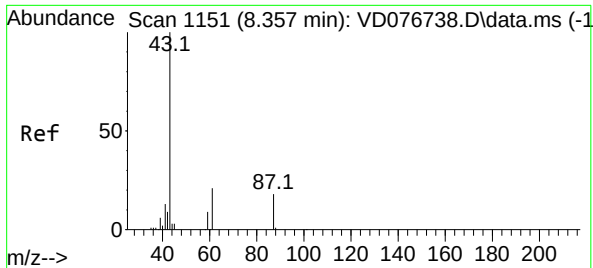
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 20.800 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

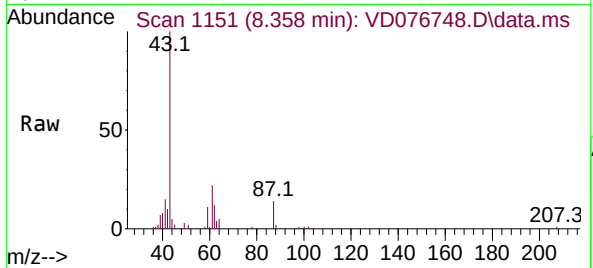
Tgt Ion: 62 Resp: 53224
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.417 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

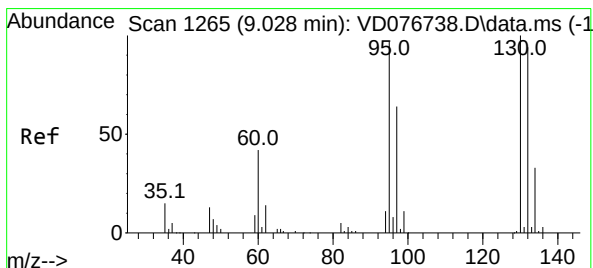
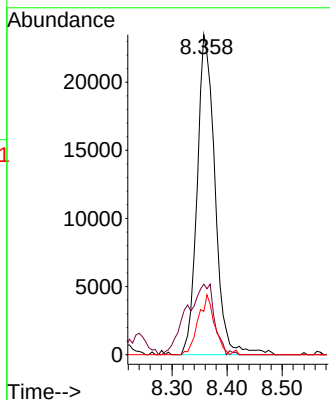
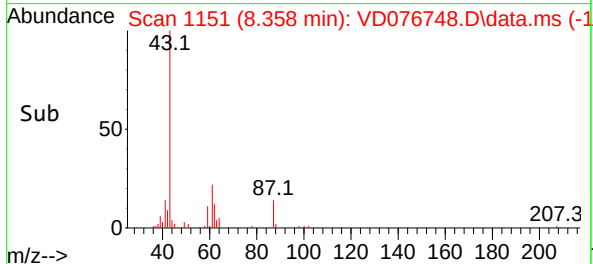
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



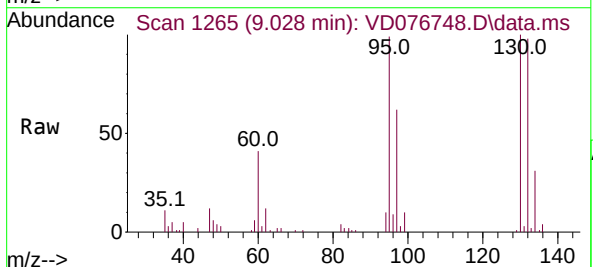
Tgt Ion: 43 Resp: 52894
Ion Ratio Lower Upper
43 100
61 34.6 31.4 47.0
87 17.1 14.9 22.3

Manual Integrations
APPROVED

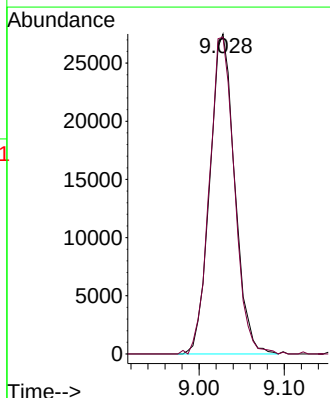
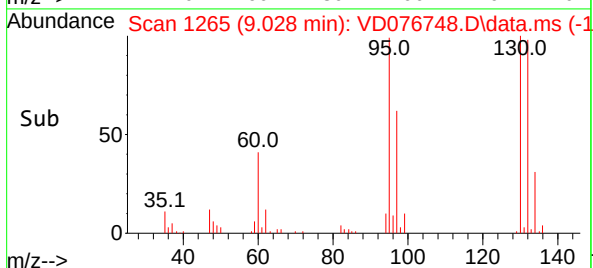
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

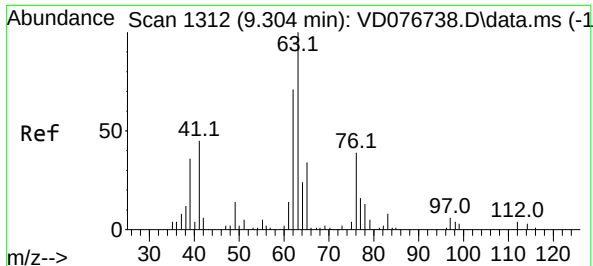


#44
Trichloroethene
Concen: 20.758 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



Tgt Ion:130 Resp: 55707
Ion Ratio Lower Upper
130 100
95 99.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.374 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

Tgt Ion: 63 Resp: 51790

Ion Ratio Lower Upper

63 100

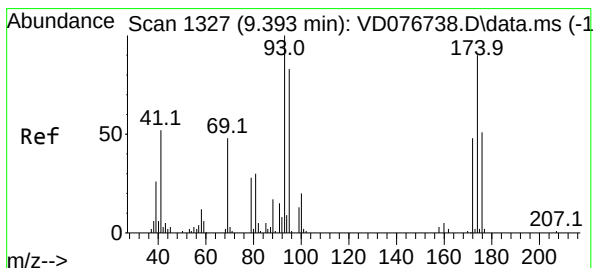
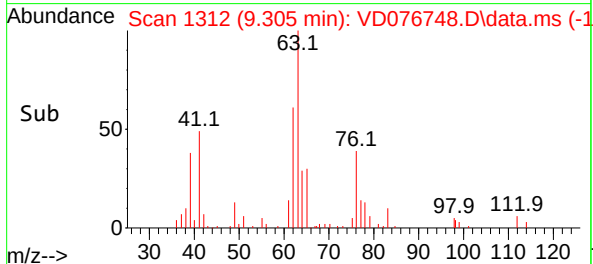
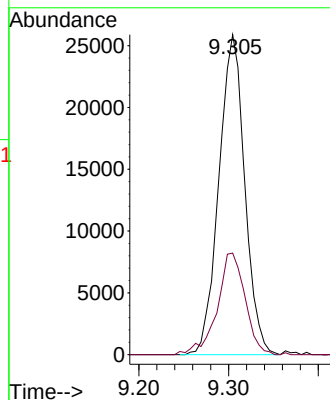
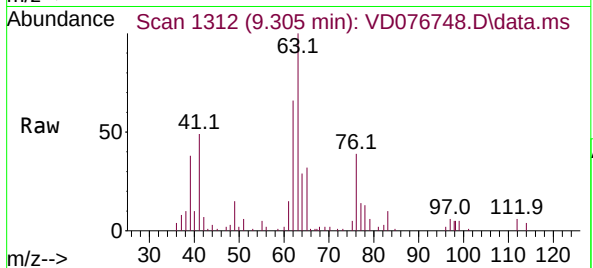
65 31.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 20.330 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

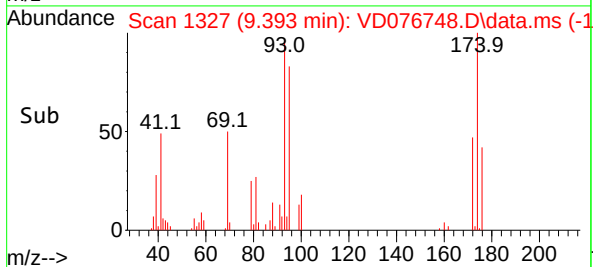
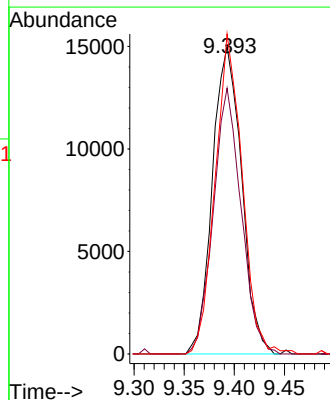
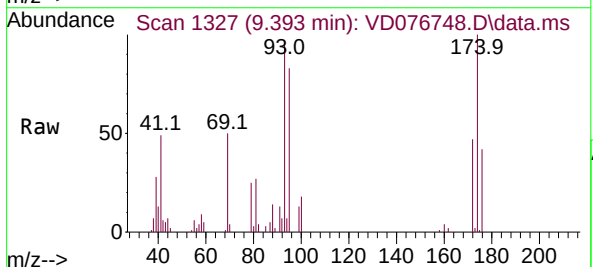
Tgt Ion: 93 Resp: 30252

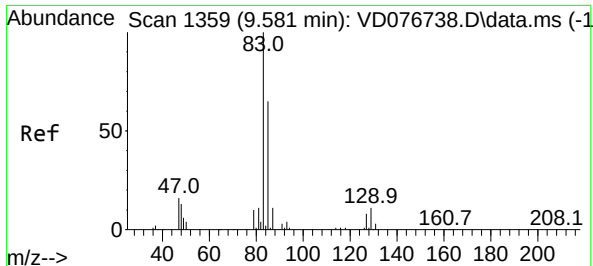
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 96.7 85.4 128.2





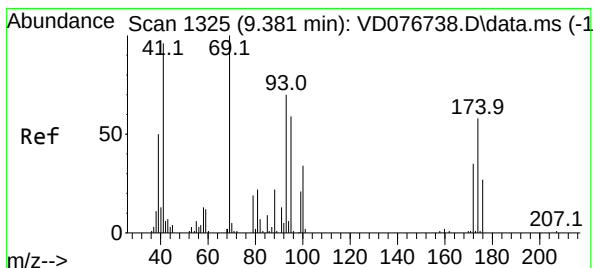
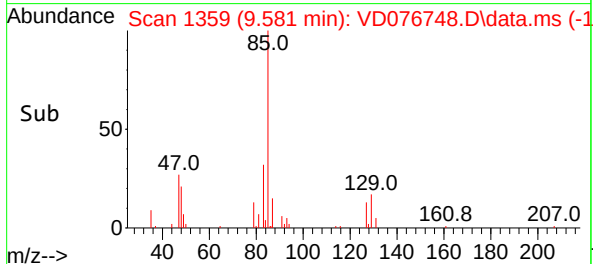
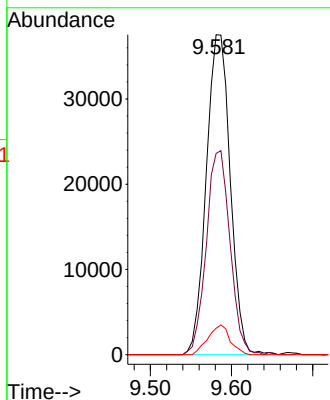
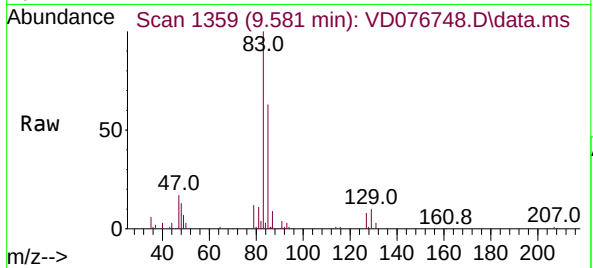
#47
Bromodichloromethane
Concen: 20.658 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 83 Resp: 7714
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4
127 8.3 6.3 9.5

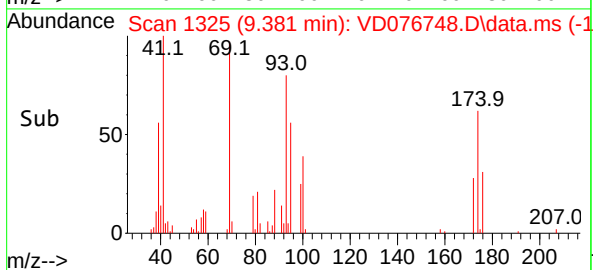
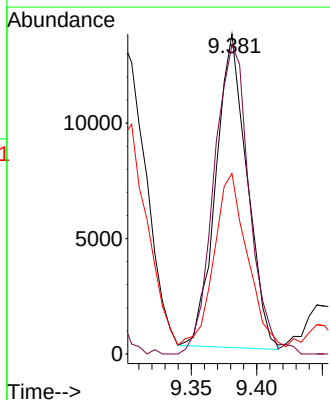
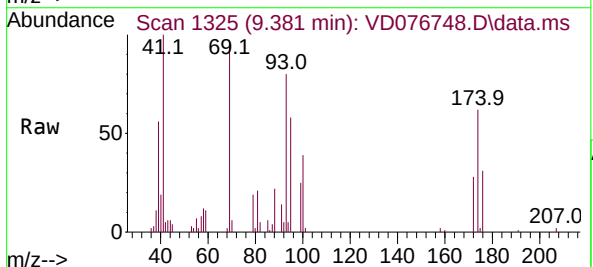
Manual Integrations
APPROVED

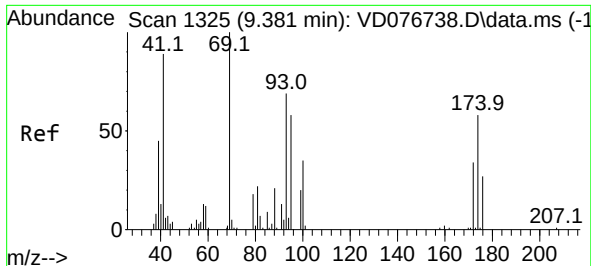
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 18.127 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

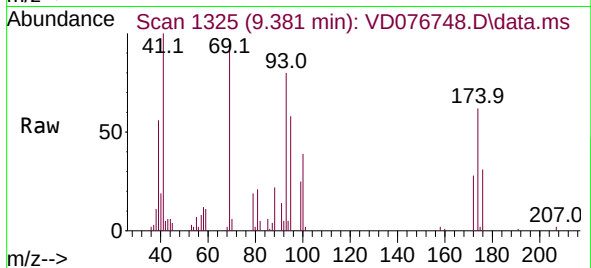
Tgt Ion: 41 Resp: 22475
Ion Ratio Lower Upper
41 100
69 112.1 102.2 153.2
39 60.0 41.4 62.2





#49
1,4-Dioxane
Concen: 374.033 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

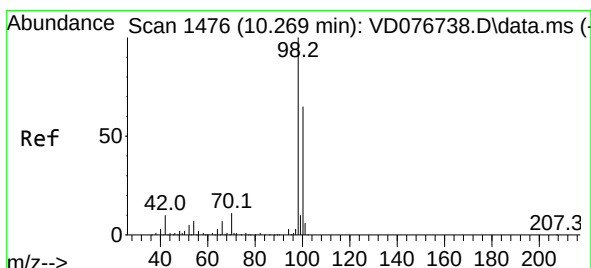
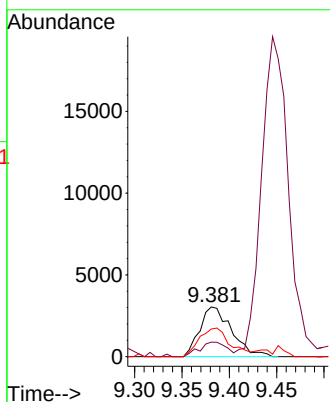
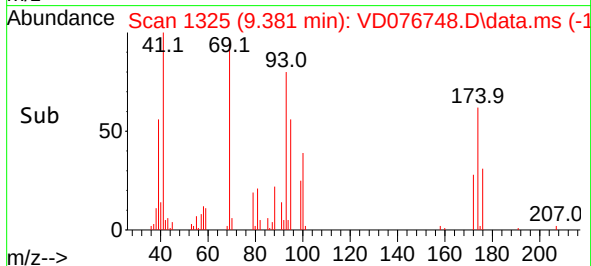
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



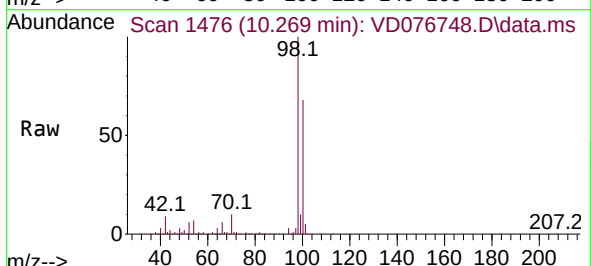
Tgt Ion: 88 Resp: 713
Ion Ratio Lower Upper
88 100
43 25.0 19.0 28.6
58 55.3 43.5 65.3

Manual Integrations
APPROVED

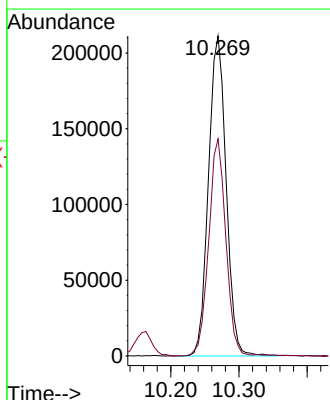
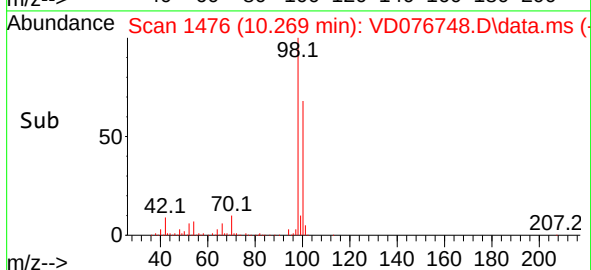
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

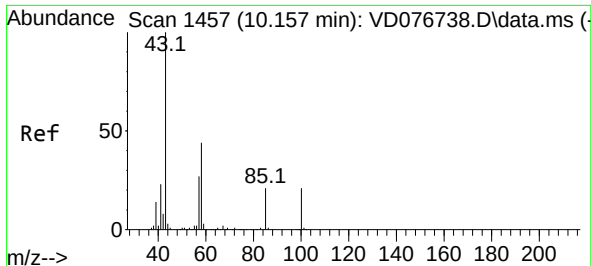


#50
Toluene-d8
Concen: 44.572 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



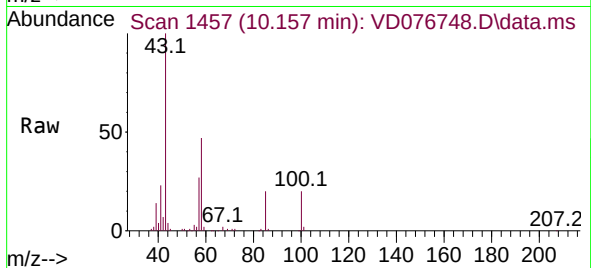
Tgt Ion: 98 Resp: 380865
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 93.605 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

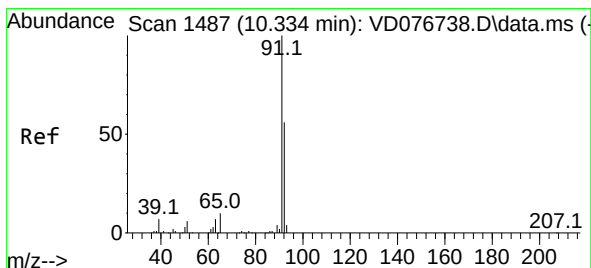
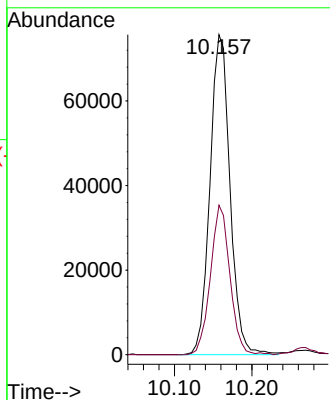
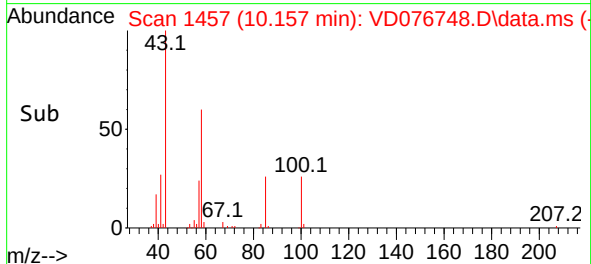
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



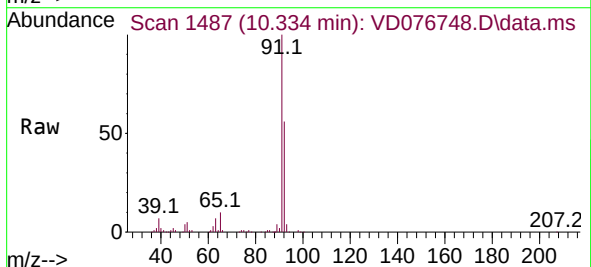
Tgt Ion: 43 Resp: 135768
Ion Ratio Lower Upper
43 100
58 45.4 38.9 58.3

Manual Integrations
APPROVED

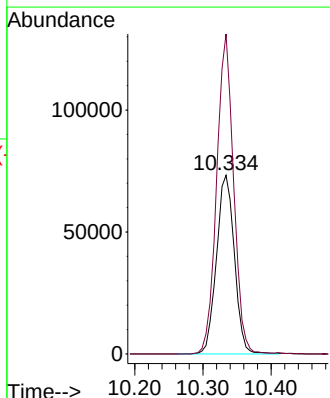
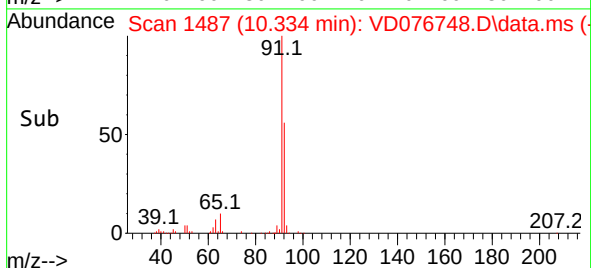
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

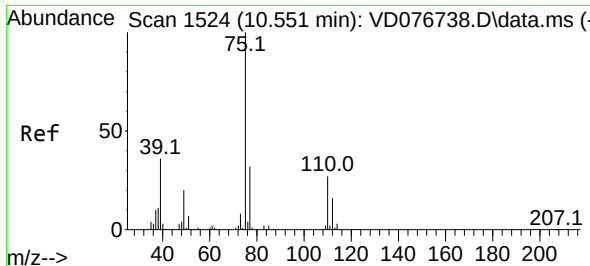


#52
Toluene
Concen: 20.719 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



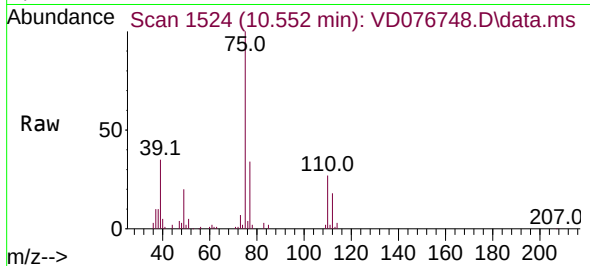
Tgt Ion: 92 Resp: 134013
Ion Ratio Lower Upper
92 100
91 169.7 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 19.857 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.001 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

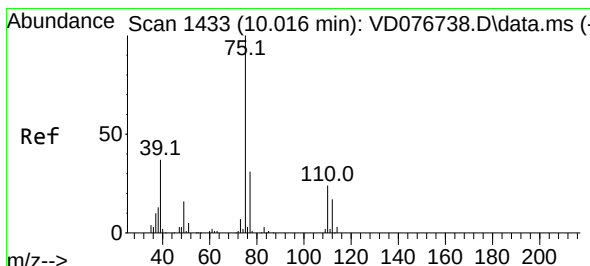
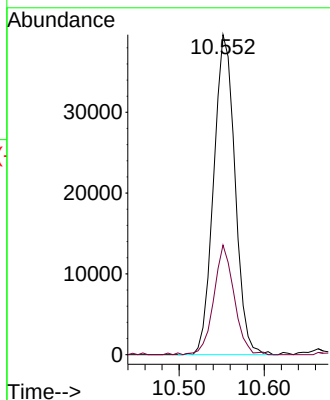
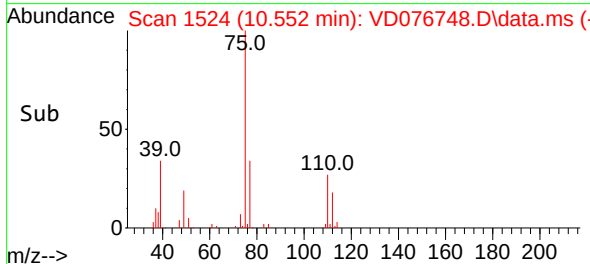
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01



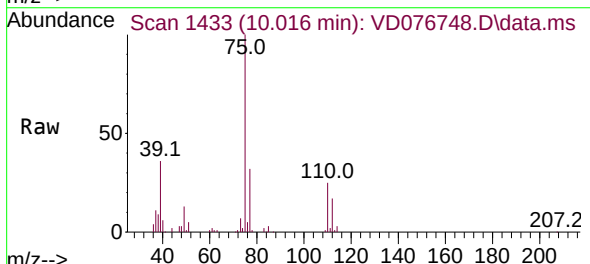
Tgt Ion: 75 Resp: 68820
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.3 37.9

Manual Integrations
 APPROVED

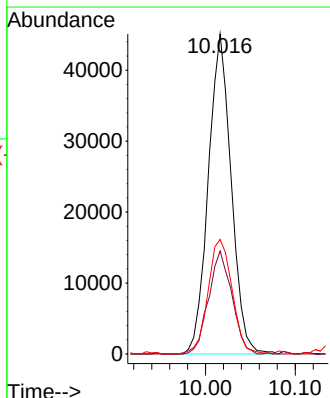
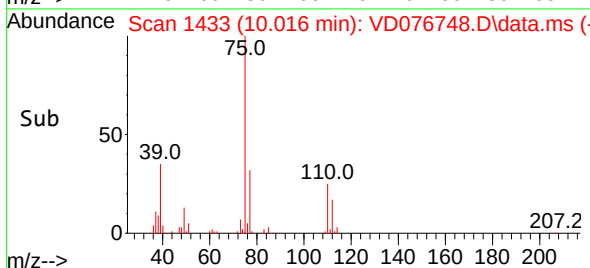
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

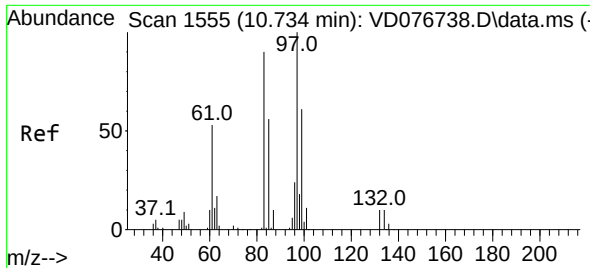


#54
 cis-1,3-Dichloropropene
 Concen: 19.545 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13



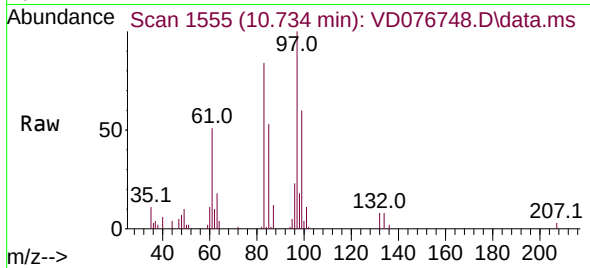
Tgt Ion: 75 Resp: 79839
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 35.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.848 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

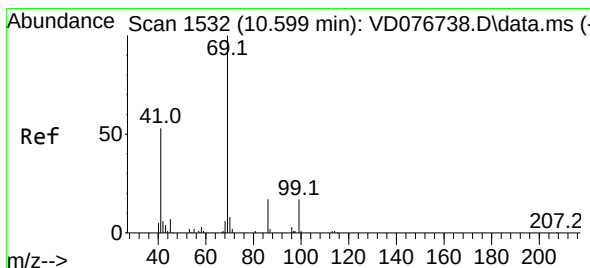
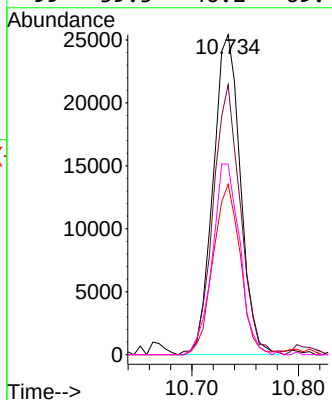
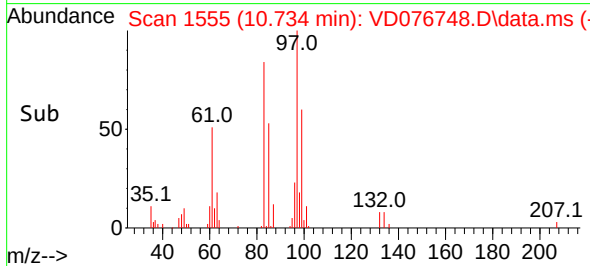
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



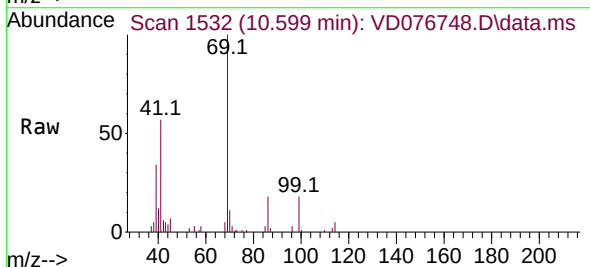
Tgt Ion:	97	Resp:	4530
Ion Ratio	100	Lower	Upper
97	100		
83	84.4	65.8	98.6
85	53.3	45.7	68.5
99	59.5	46.2	69.4

Manual Integrations
APPROVED

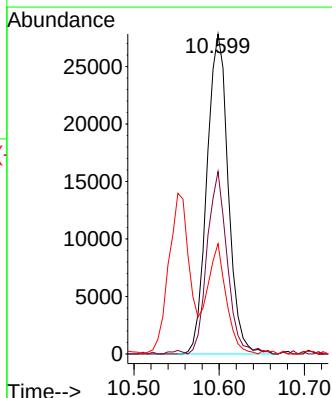
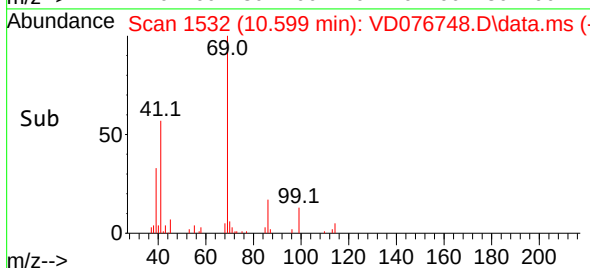
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

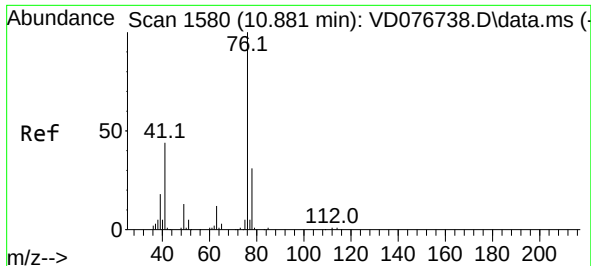


#56
Ethyl methacrylate
Concen: 19.308 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



Tgt Ion:	69	Resp:	48424
Ion Ratio	100	Lower	Upper
69	100		
41	53.9	39.1	58.7
39	30.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.718 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

Tgt Ion: 76 Resp: 6977

Ion Ratio Lower Upper

76 100

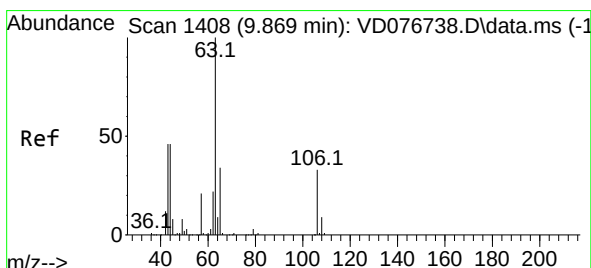
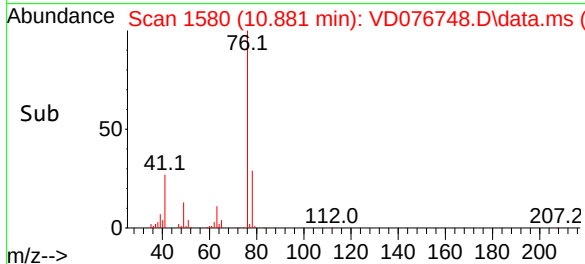
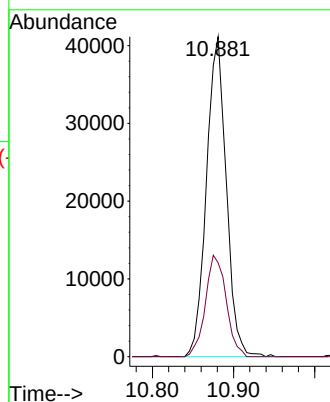
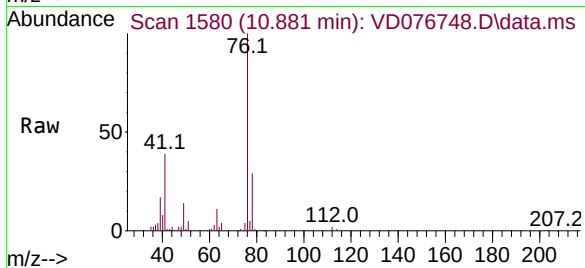
78 33.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.678 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076748.D

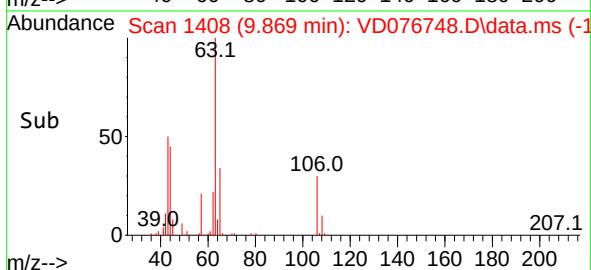
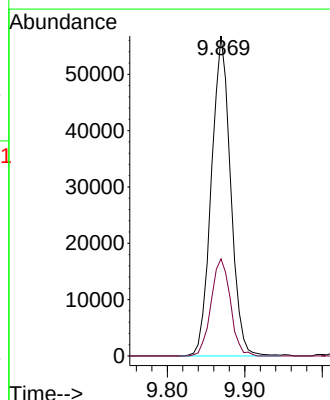
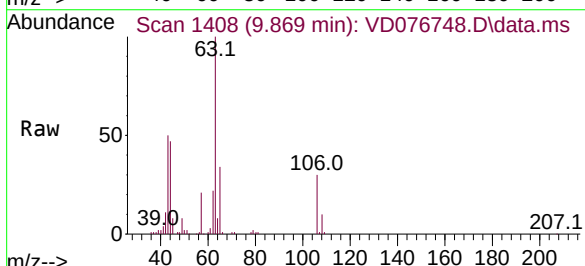
Acq: 17 Jul 2023 12:13

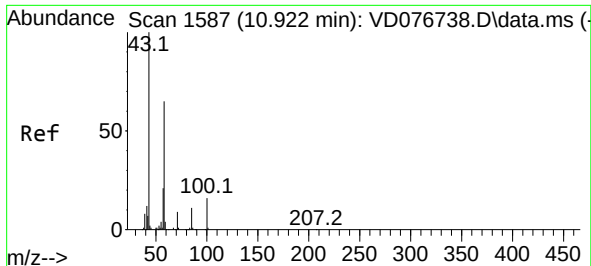
Tgt Ion: 63 Resp: 97738

Ion Ratio Lower Upper

63 100

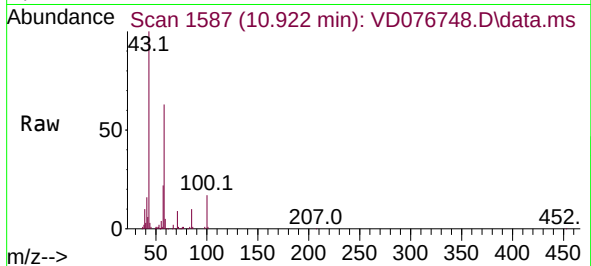
106 30.5 25.3 37.9





#59
2-Hexanone
Concen: 94.809 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

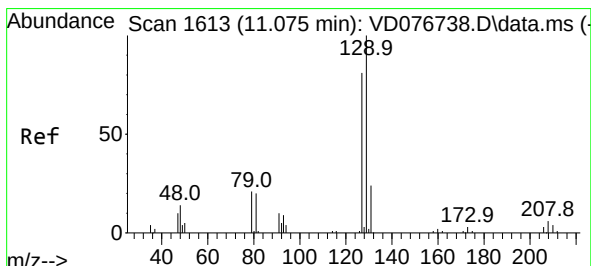
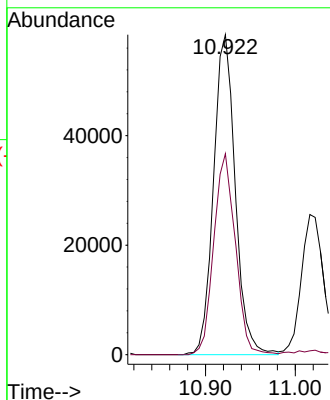
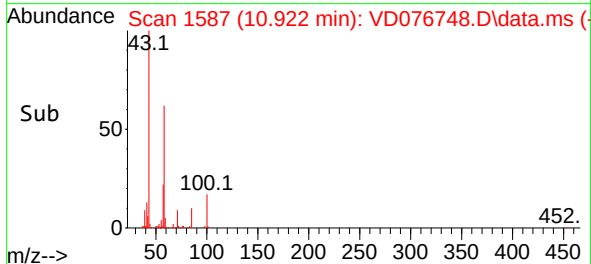
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion: 43 Resp: 9812
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2

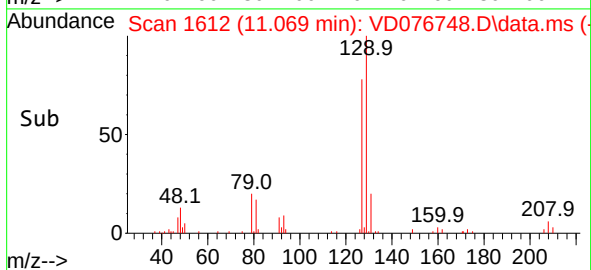
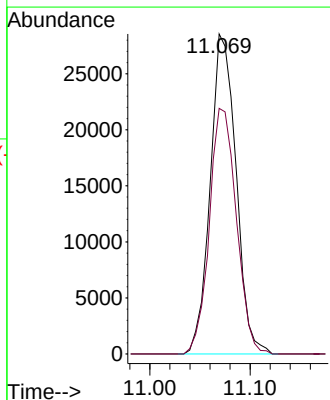
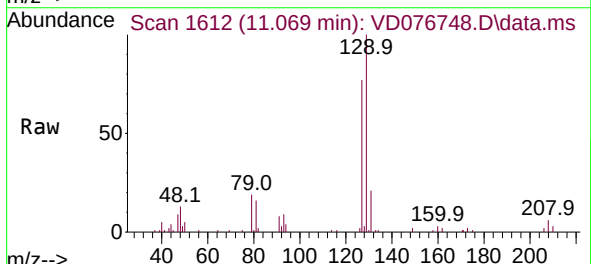
Manual Integrations
APPROVED

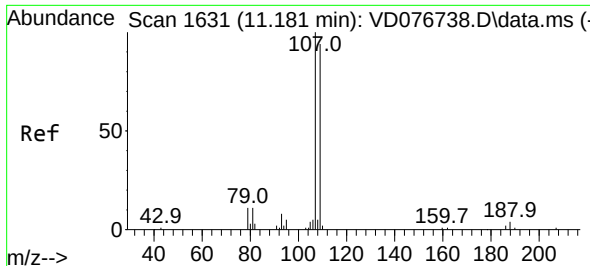
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 20.205 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:129 Resp: 51005
Ion Ratio Lower Upper
129 100
127 80.3 37.1 111.5





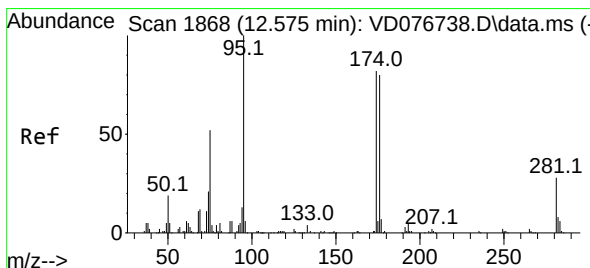
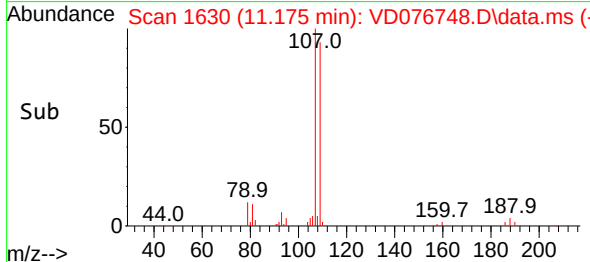
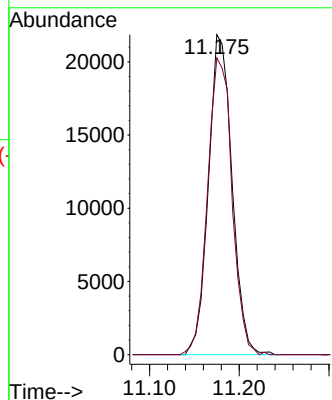
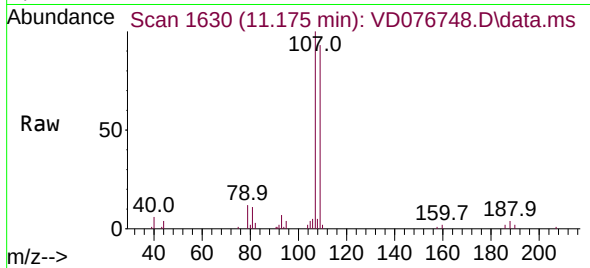
#61
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion:107 Resp: 39862
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4

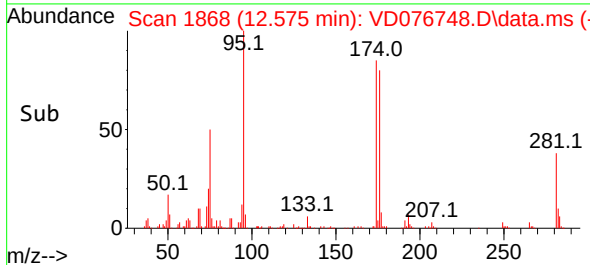
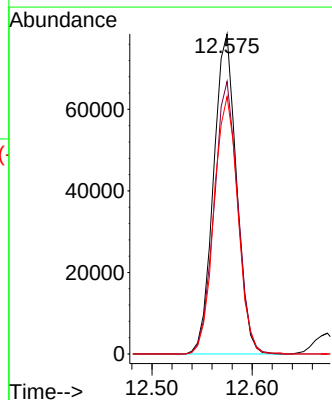
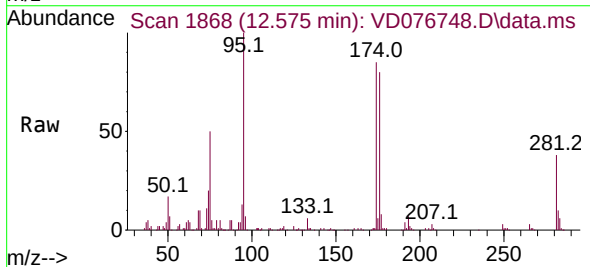
Manual Integrations
APPROVED

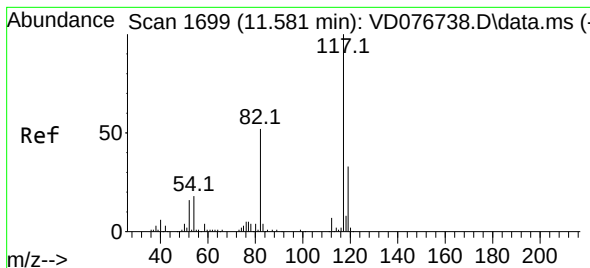
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

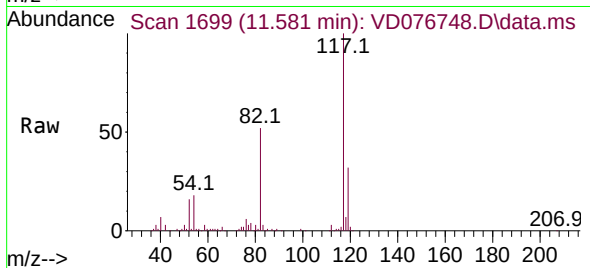
Tgt Ion: 95 Resp: 124855
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

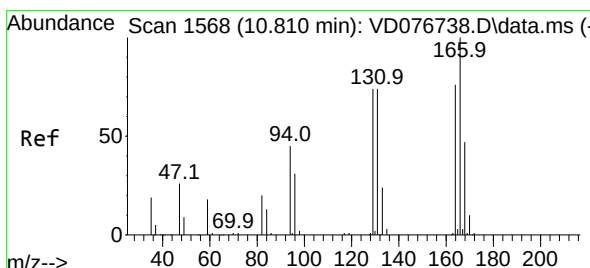
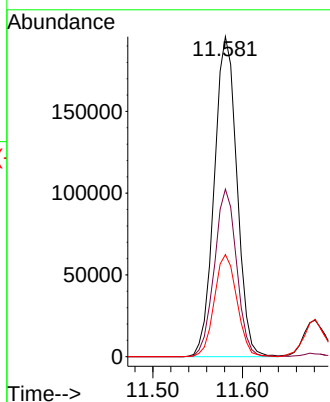
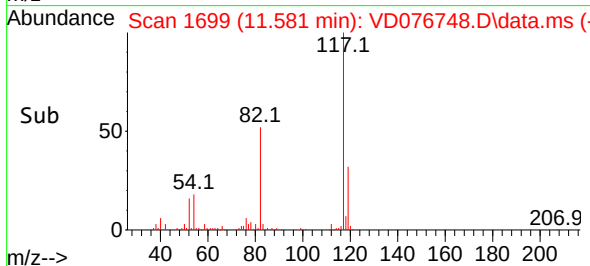
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion:117 Resp: 342920
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 31.9 25.0 37.4

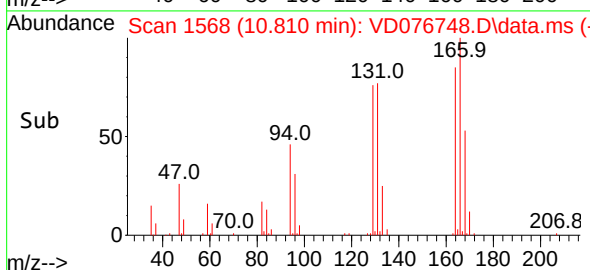
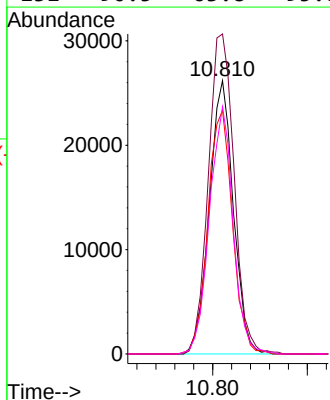
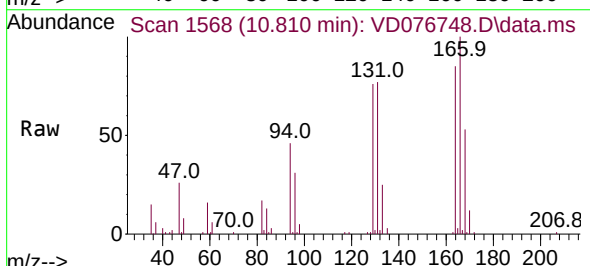
Manual Integrations
APPROVED

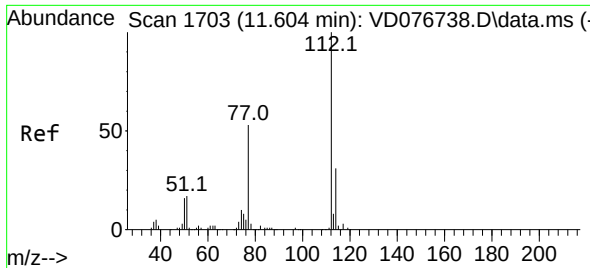
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 23.683 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

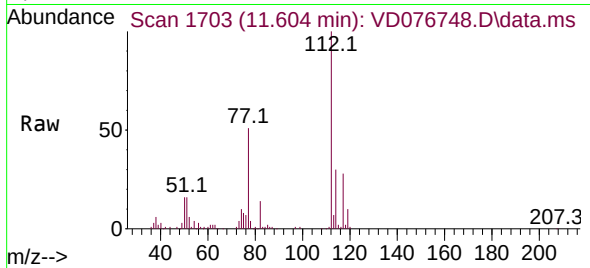
Tgt Ion:164 Resp: 46310
Ion Ratio Lower Upper
164 100
166 117.1 99.2 148.8
129 89.2 68.4 102.6
131 90.5 63.8 95.8





#65
Chlorobenzene
Concen: 21.937 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

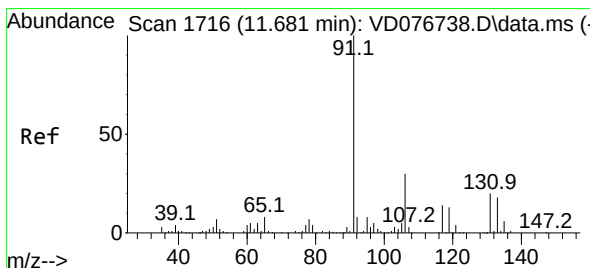
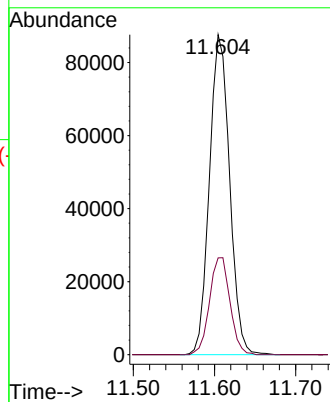
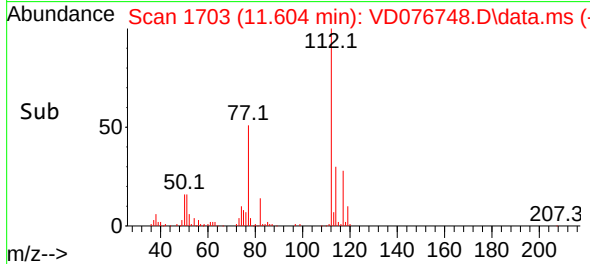
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



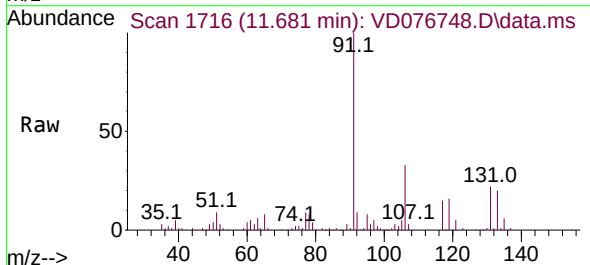
Tgt Ion:112 Resp: 151299
Ion Ratio Lower Upper
112 100
114 30.2 25.1 37.7

Manual Integrations
APPROVED

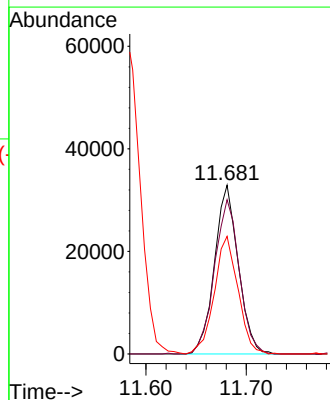
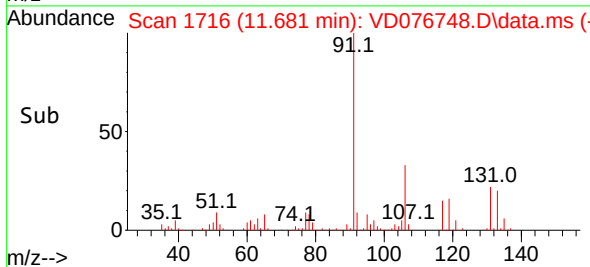
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

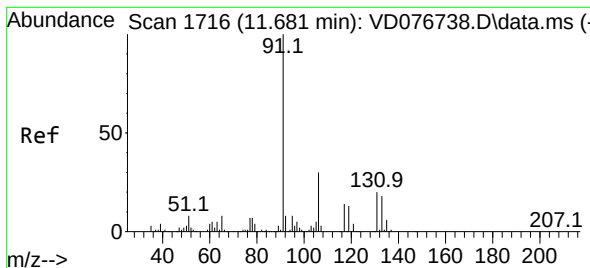


#66
1,1,1,2-Tetrachloroethane
Concen: 21.093 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



Tgt Ion:131 Resp: 54161
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 69.7 35.6 106.9





#67

Ethyl Benzene

Concen: 20.819 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

Tgt Ion: 91 Resp: 25216

Ion Ratio Lower Upper

91 100

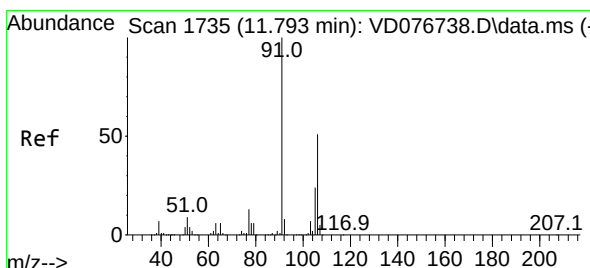
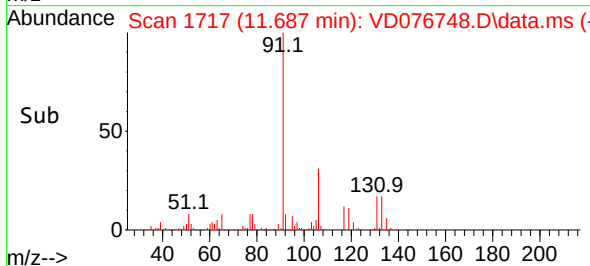
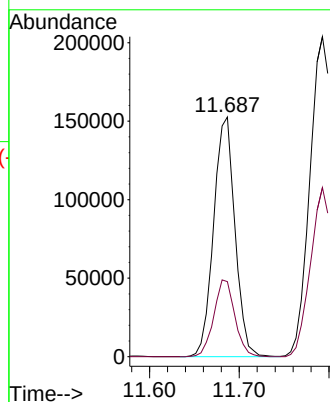
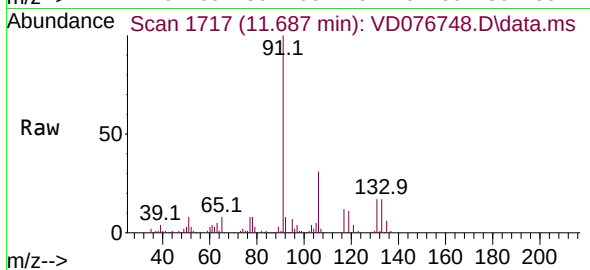
106 31.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#68

m/p-Xylenes

Concen: 41.971 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076748.D

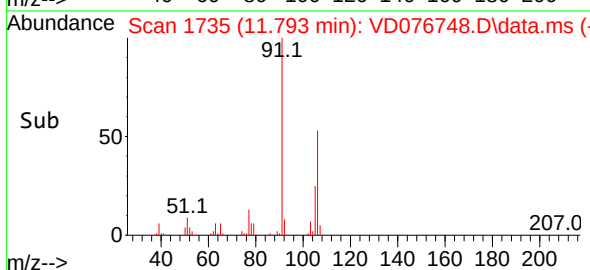
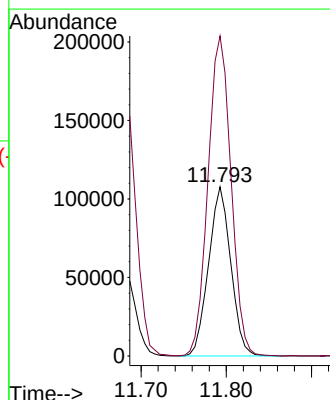
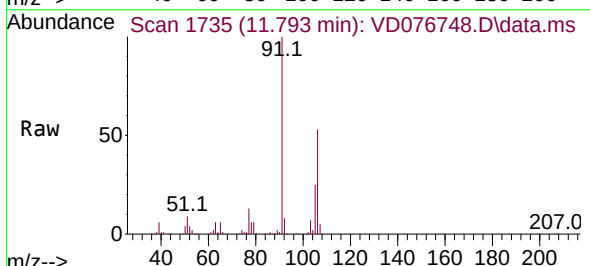
Acq: 17 Jul 2023 12:13

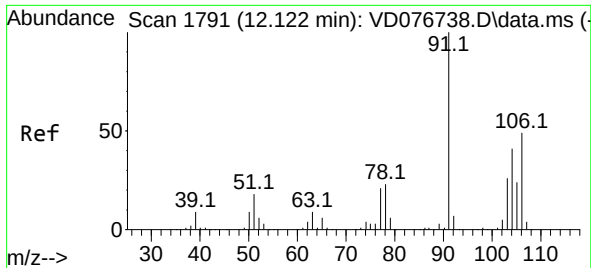
Tgt Ion:106 Resp: 195246

Ion Ratio Lower Upper

106 100

91 196.5 147.0 220.6





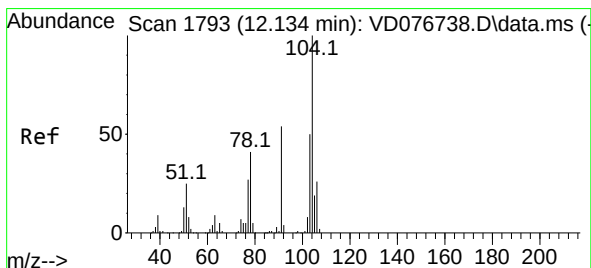
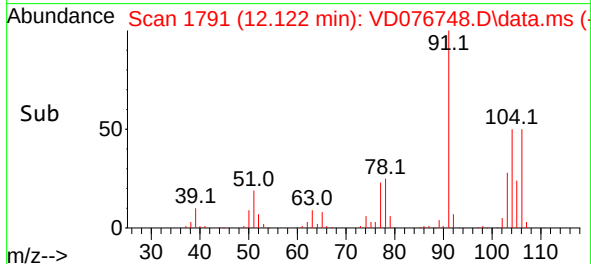
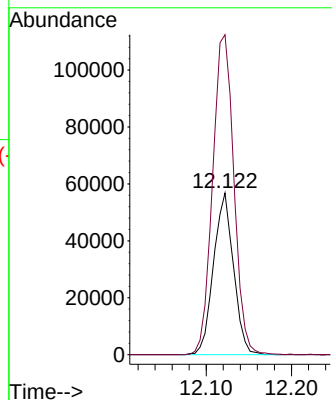
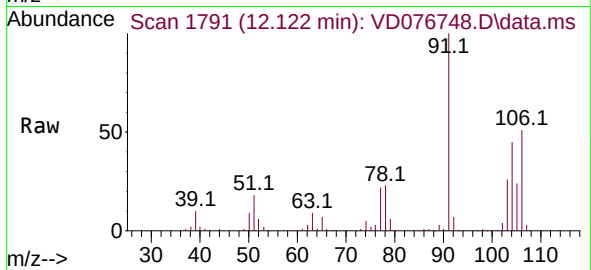
#69
o-Xylene
Concen: 20.541 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion:106 Resp: 92400
Ion Ratio Lower Upper
106 100
91 211.1 97.9 293.6

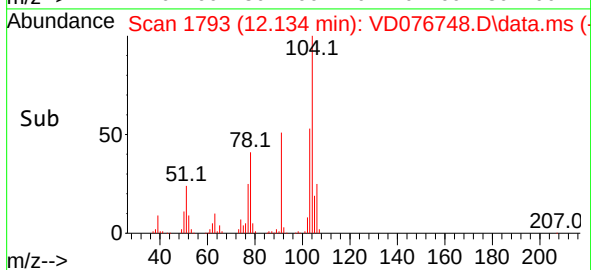
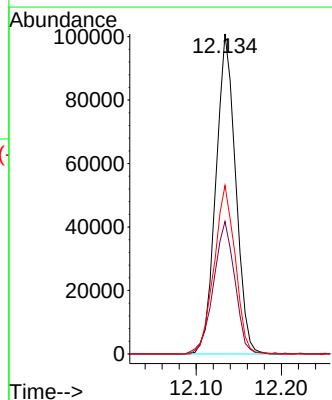
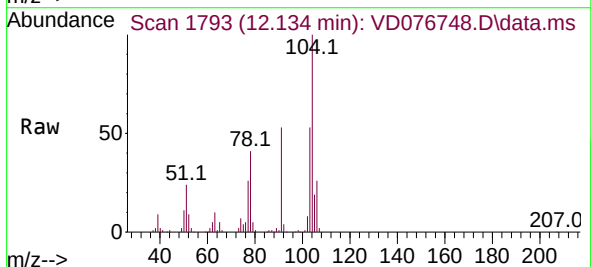
Manual Integrations
APPROVED

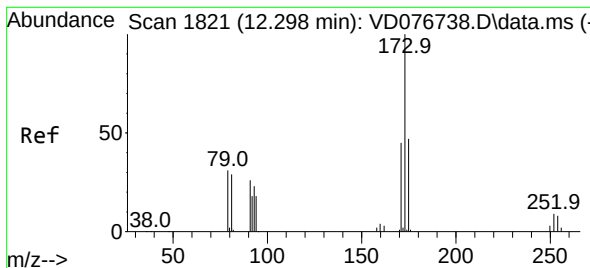
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 20.599 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:104 Resp: 162211
Ion Ratio Lower Upper
104 100
78 44.7 33.2 49.8
103 56.1 43.6 65.4





#71

Bromoform

Concen: 20.750 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

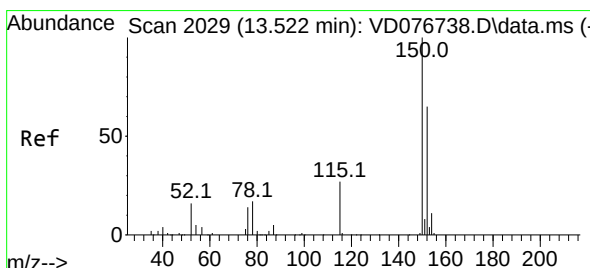
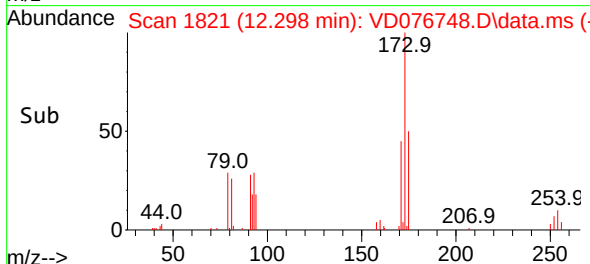
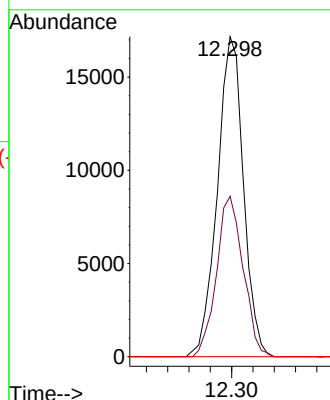
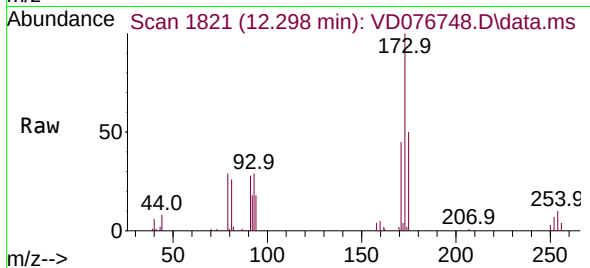
Tgt Ion:173 Resp: 2918
 Ion Ratio Lower Upper
 173 100
 175 51.2 24.6 73.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

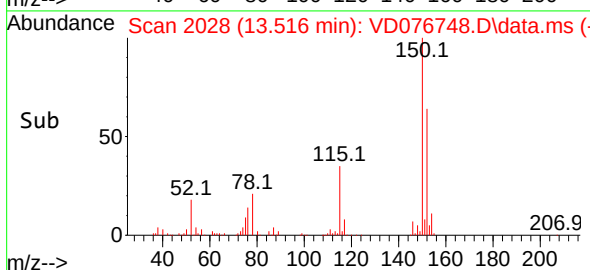
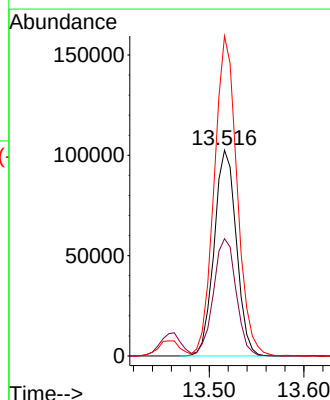
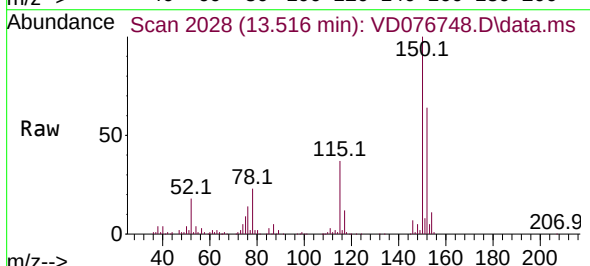
RT: 13.516 min Scan# 2028

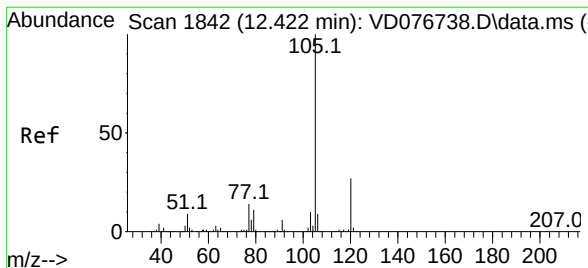
Delta R.T. -0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Tgt Ion:152 Resp: 166932
 Ion Ratio Lower Upper
 152 100
 115 58.3 27.1 81.3
 150 160.2 0.0 353.6





#73

Isopropylbenzene

Concen: 20.833 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion:105 Resp: 25231

Ion Ratio Lower Upper

105 100

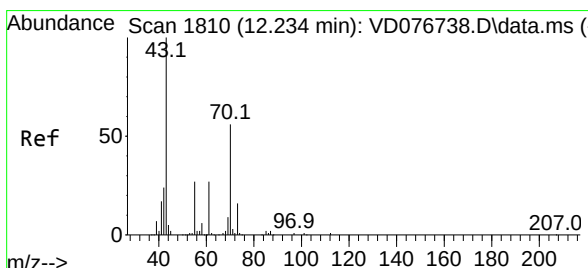
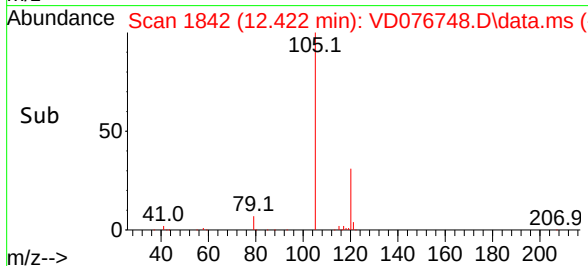
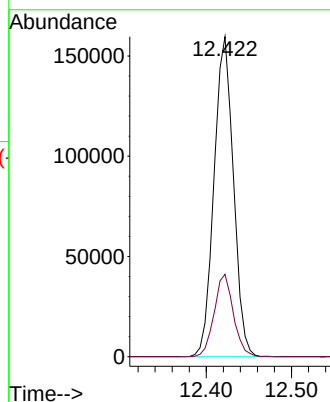
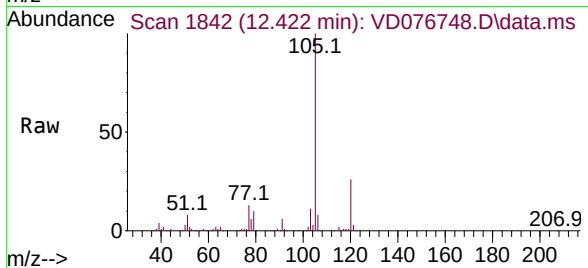
120 25.5 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#74

N-ethyl acetate

Concen: 18.672 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Tgt Ion: 43 Resp: 47641

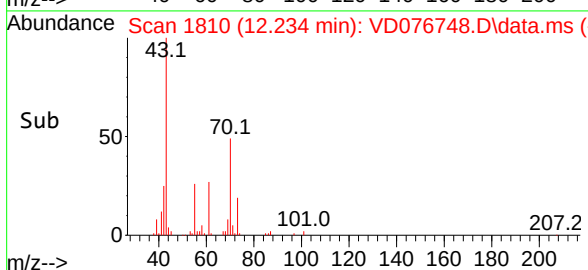
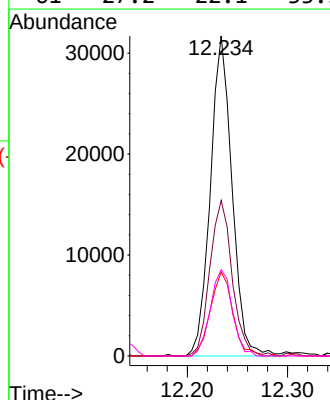
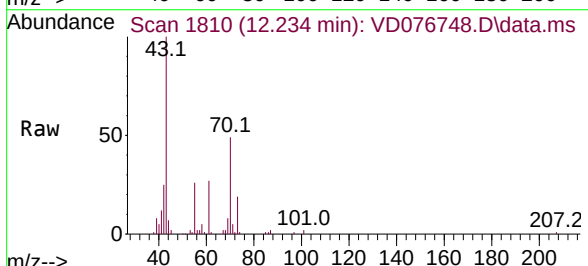
Ion Ratio Lower Upper

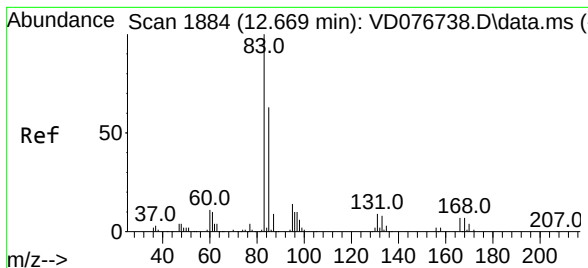
43 100

70 50.0 45.0 67.4

55 26.9 23.8 35.6

61 27.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.079 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

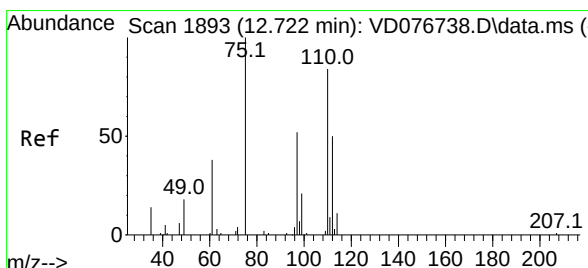
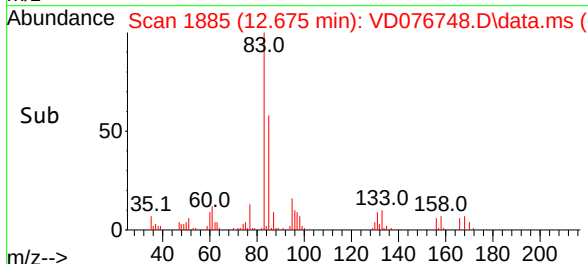
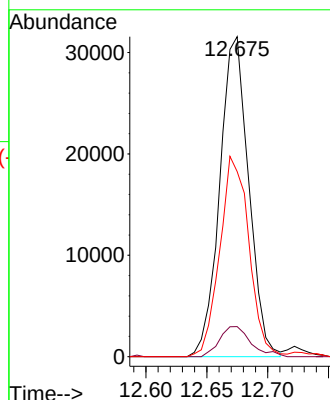
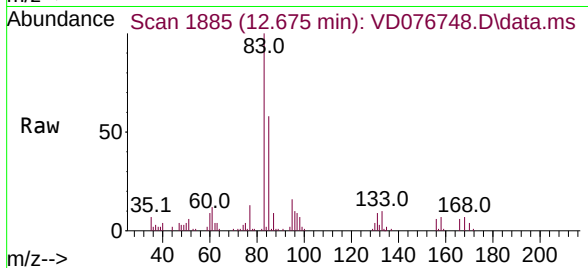
Tgt Ion: 83	Resp: 5221
Ion Ratio	Lower Upper
83	100
131	10.1 5.1 15.3
85	63.2 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#76

1,2,3-Trichloropropane

Concen: 20.013 ug/l m

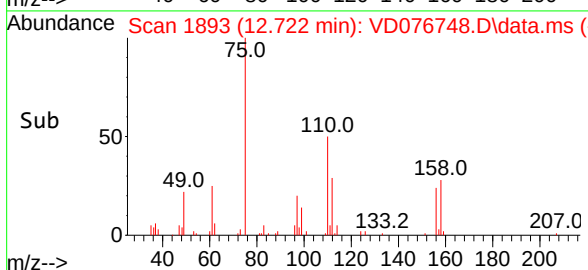
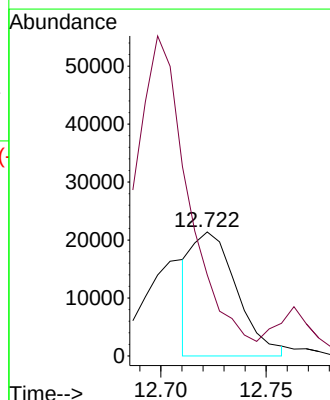
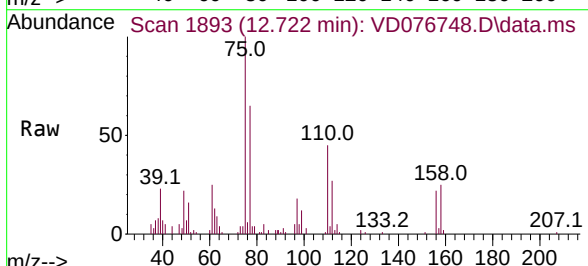
RT: 12.722 min Scan# 1893

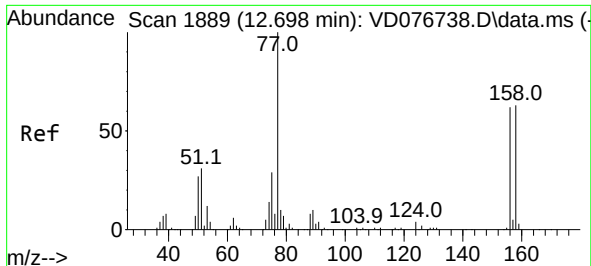
Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Tgt Ion: 75	Resp: 31771
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





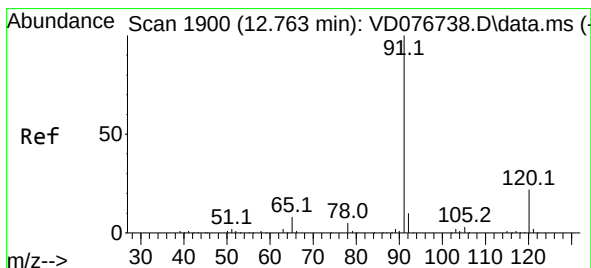
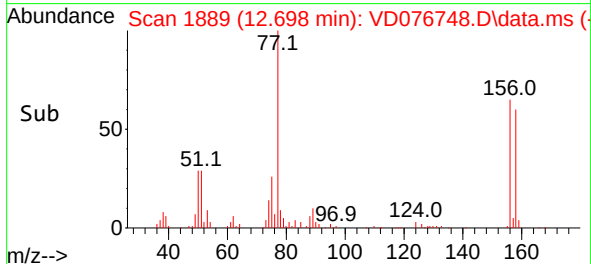
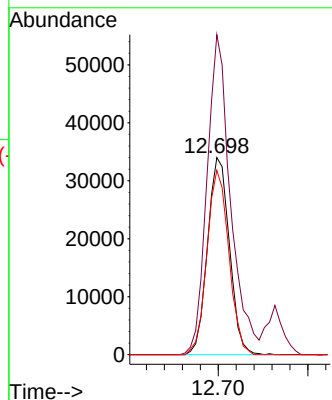
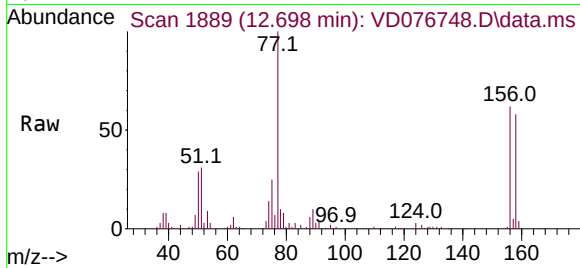
#77
Bromobenzene
Concen: 20.609 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion:156 Resp: 5761
Ion Ratio Lower Upper
156 100
77 174.7 76.8 230.4
158 93.3 48.6 145.9

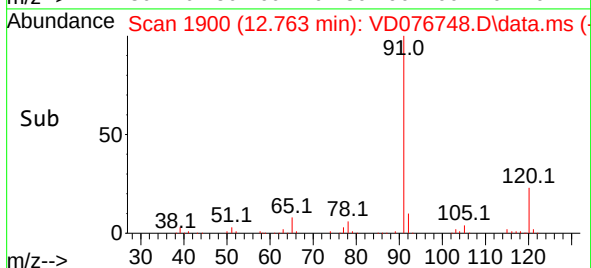
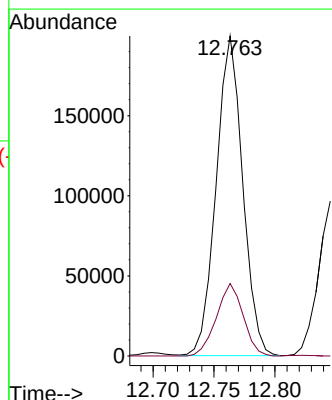
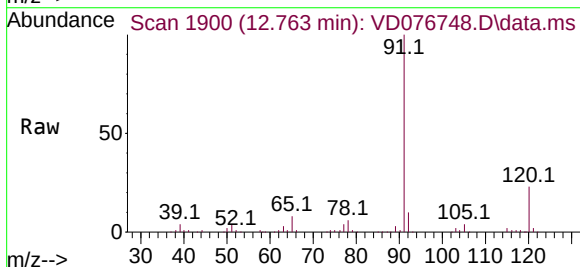
Manual Integrations
APPROVED

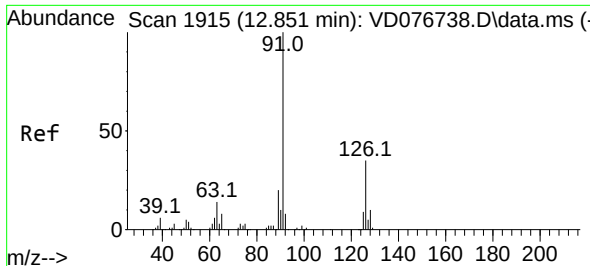
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 20.551 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 91 Resp: 301746
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2





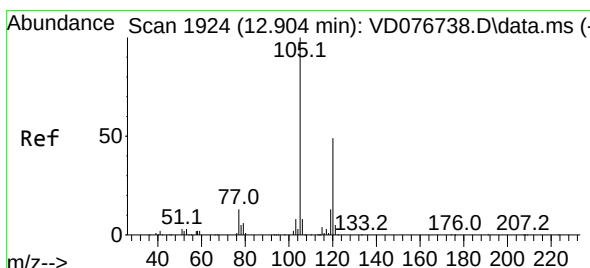
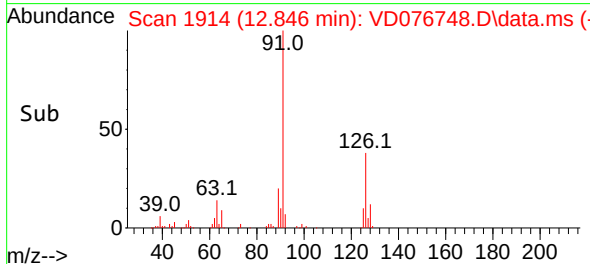
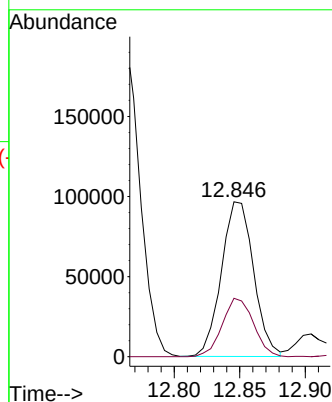
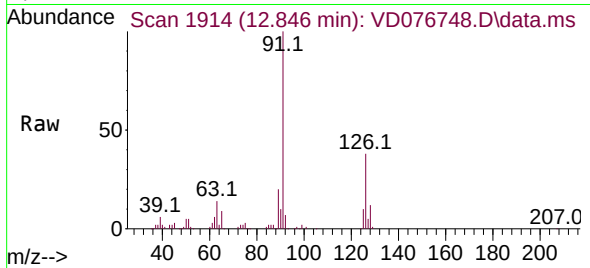
#79
2-Chlorotoluene
Concen: 20.548 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.005 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 91 Resp: 165429
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1

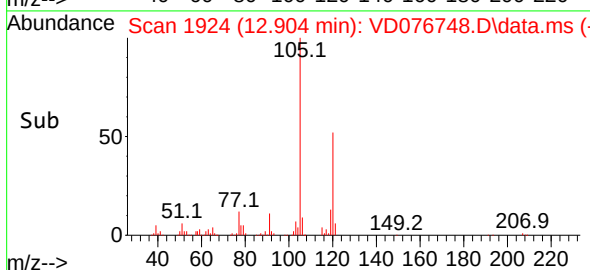
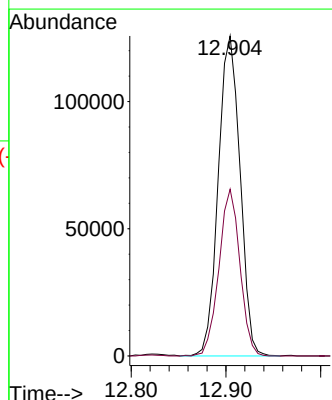
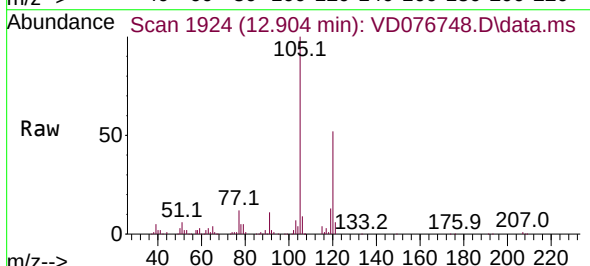
Manual Integrations
APPROVED

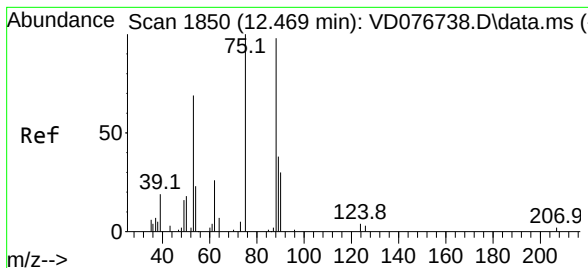
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.555 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

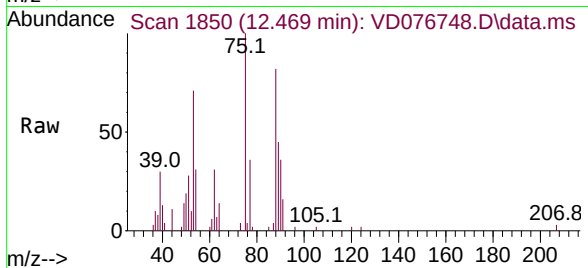
Tgt Ion:105 Resp: 201292
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.857 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

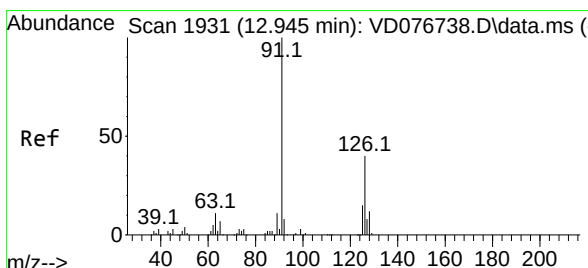
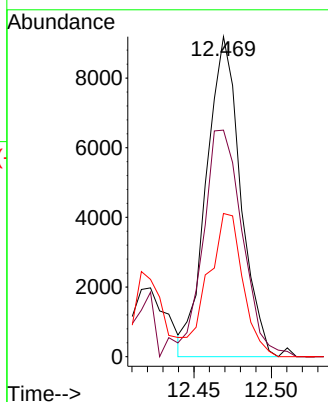
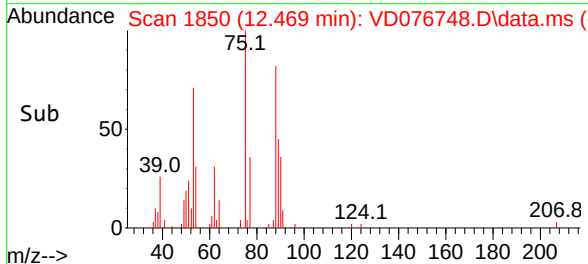
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion: 75 Resp: 1406
Ion Ratio Lower Upper
75 100
53 80.4 63.0 94.4
89 46.1 37.9 56.9

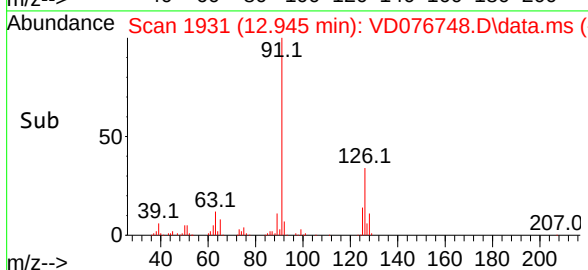
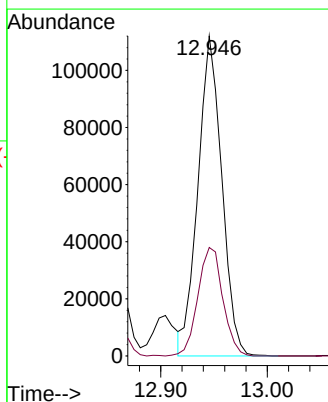
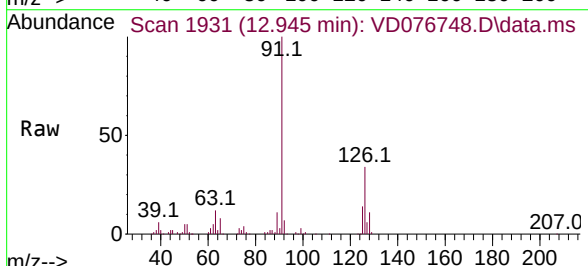
Manual Integrations
APPROVED

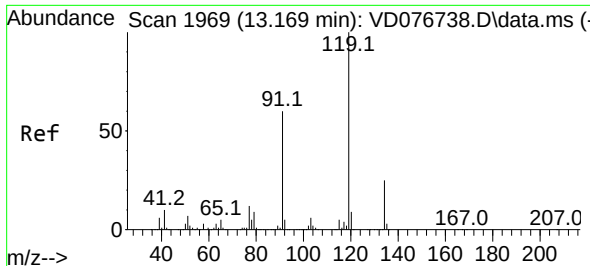
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 20.771 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

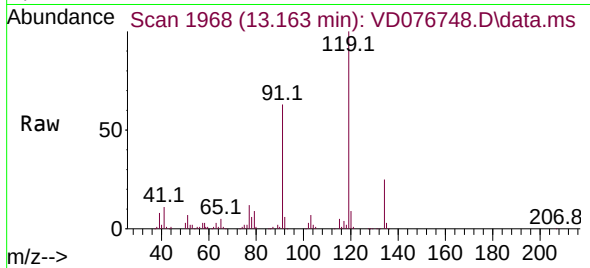
Tgt Ion: 91 Resp: 174692
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.4





#83
tert-Butylbenzene
Concen: 20.895 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

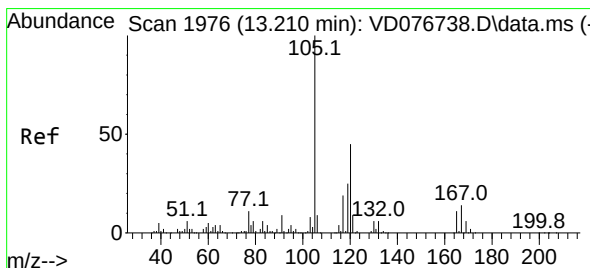
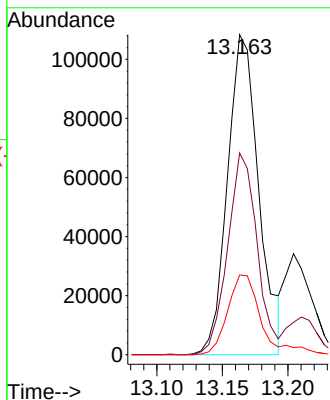
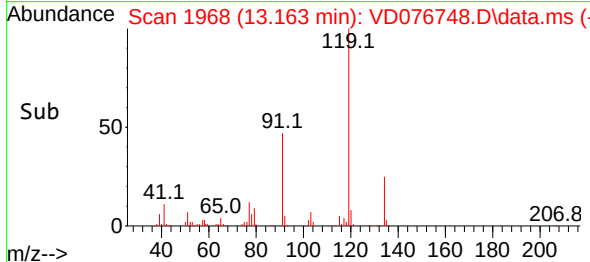
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion:119 Resp: 180168
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 26.7 14.1 42.3

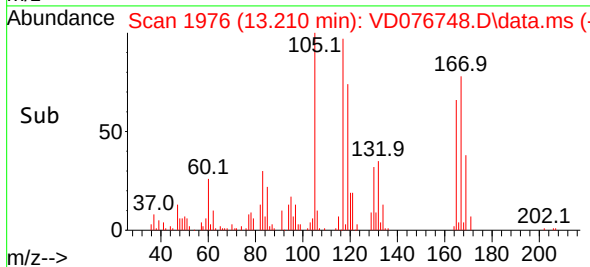
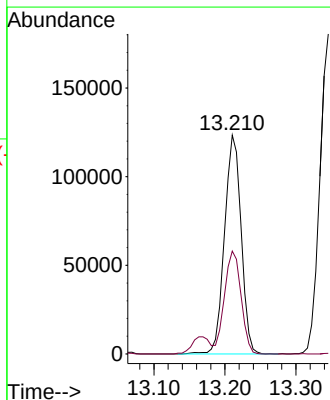
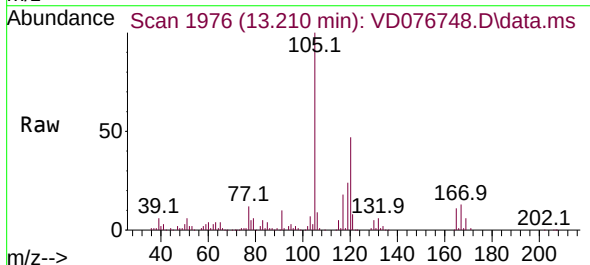
Manual Integrations
APPROVED

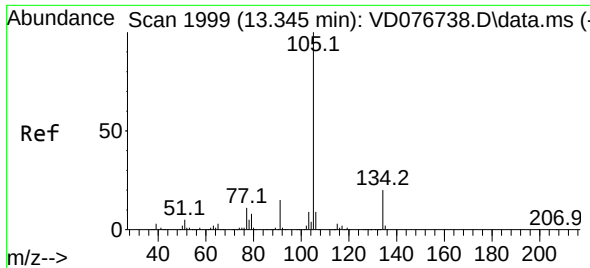
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.009 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

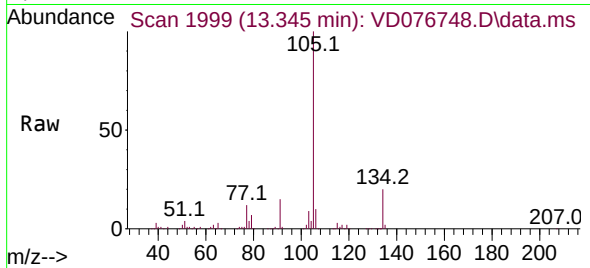
Tgt Ion:105 Resp: 200239
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.913 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

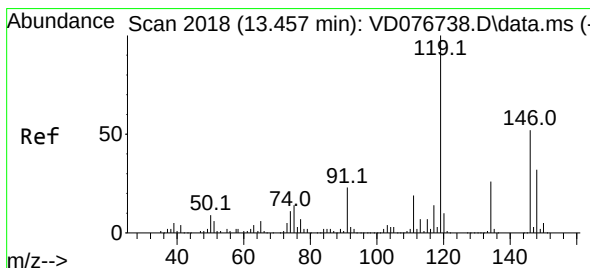
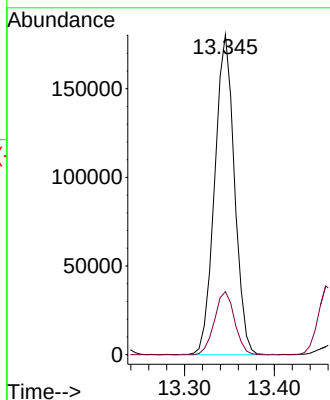
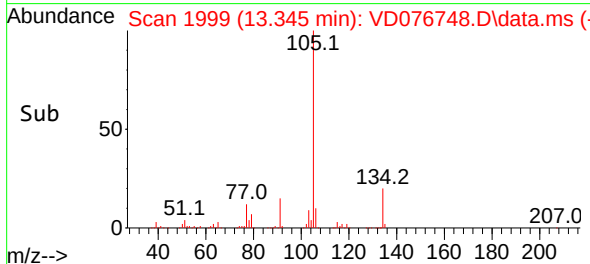
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01



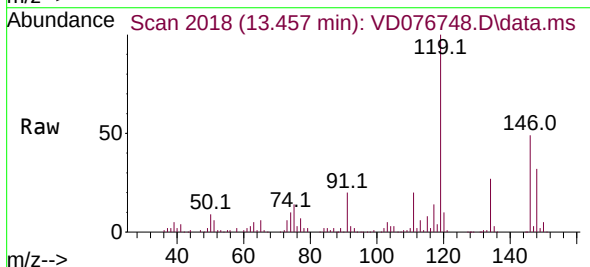
Tgt Ion:105 Resp: 27551
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9

Manual Integrations
 APPROVED

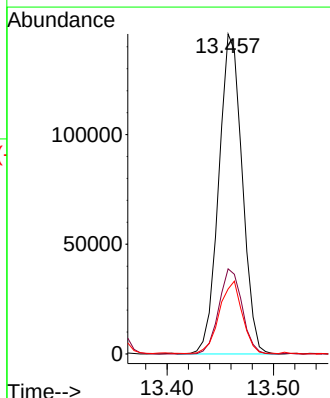
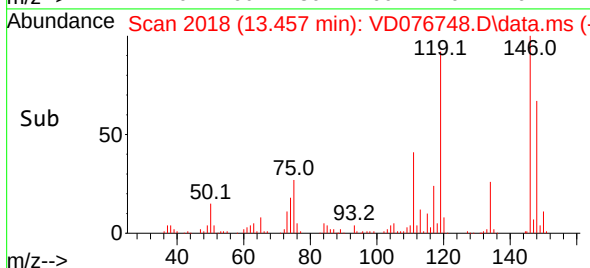
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

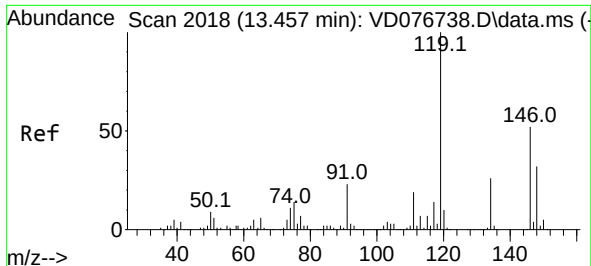


#86
 p-Isopropyltoluene
 Concen: 20.477 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13



Tgt Ion:119 Resp: 222783
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.525 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion:146 Resp: 118019

Ion Ratio Lower Upper

146 100

111 39.1 17.9 53.8

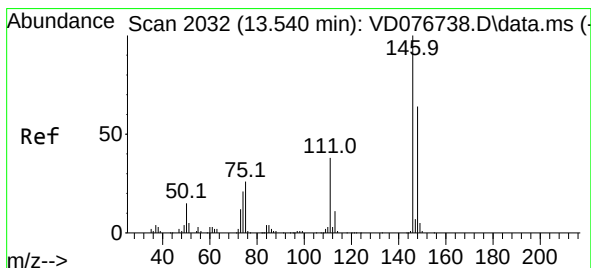
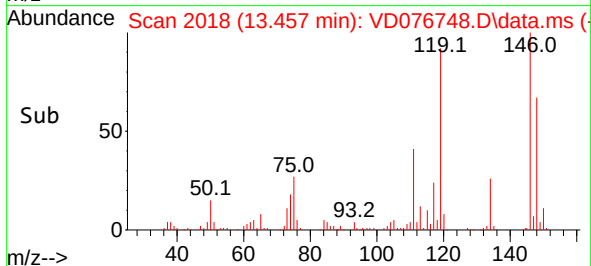
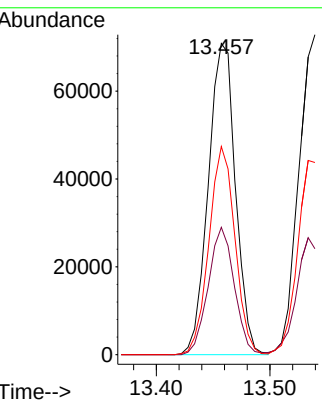
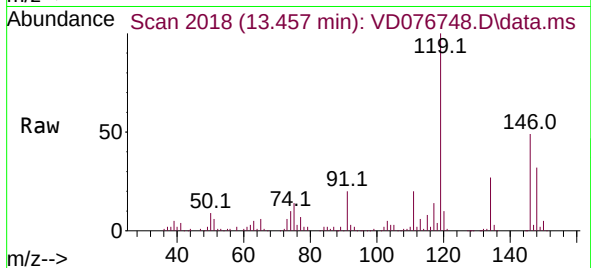
148 64.1 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#88

1,4-Dichlorobenzene

Concen: 21.047 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

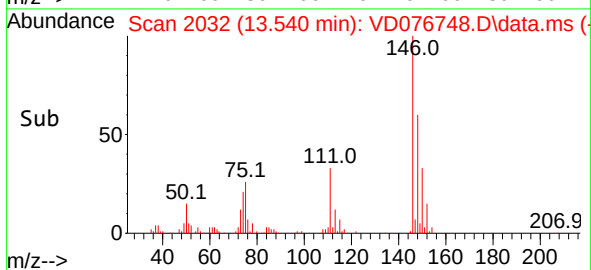
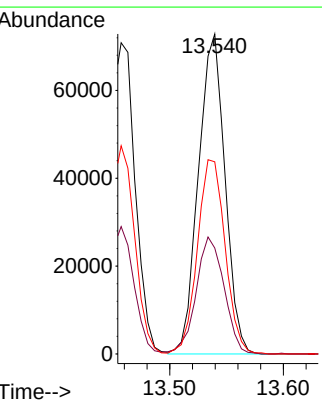
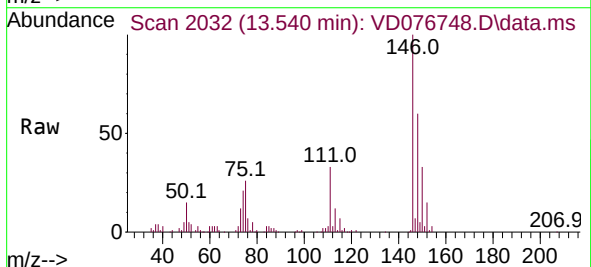
Tgt Ion:146 Resp: 118567

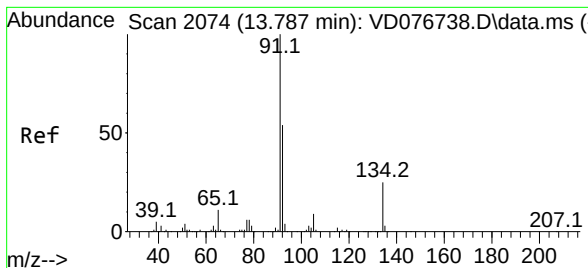
Ion Ratio Lower Upper

146 100

111 38.5 17.4 52.3

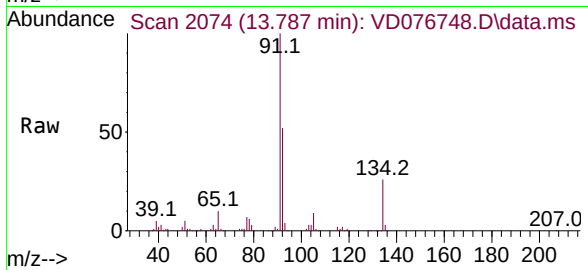
148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 20.642 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

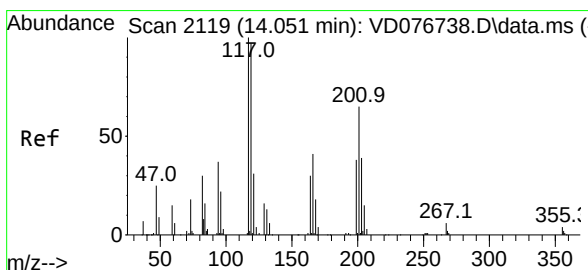
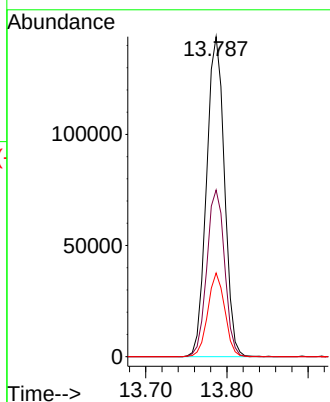
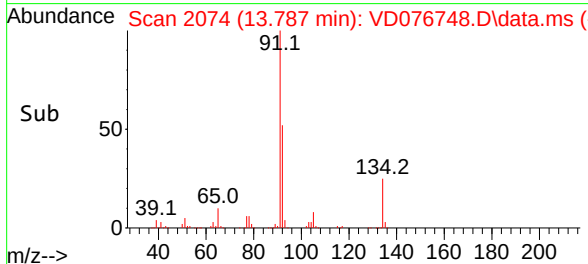
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion: 91 Resp: 21976
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 24.9 13.8 41.3

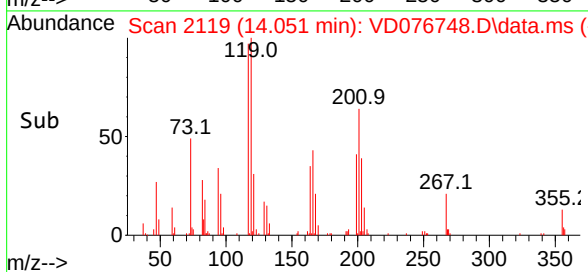
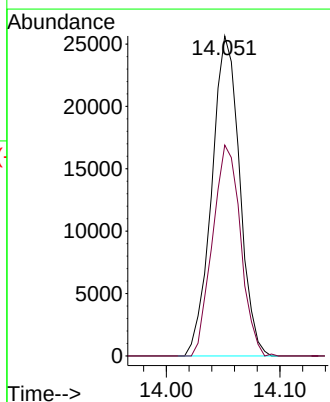
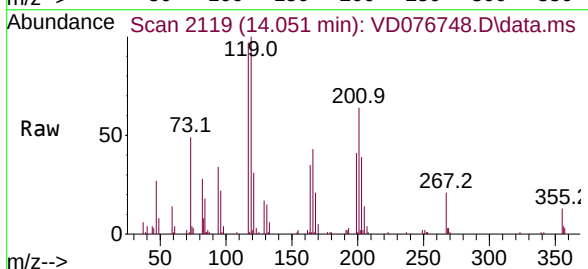
Manual Integrations
APPROVED

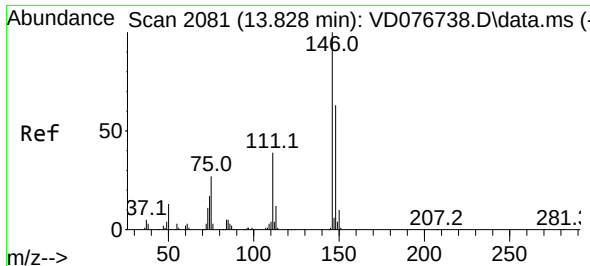
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 21.743 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

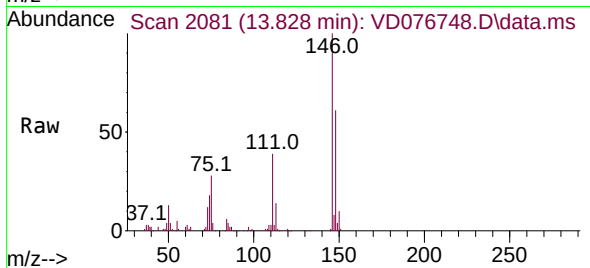
Tgt Ion:117 Resp: 43734
Ion Ratio Lower Upper
117 100
201 66.2 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 20.730 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

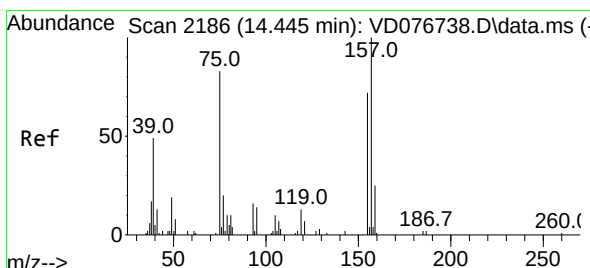
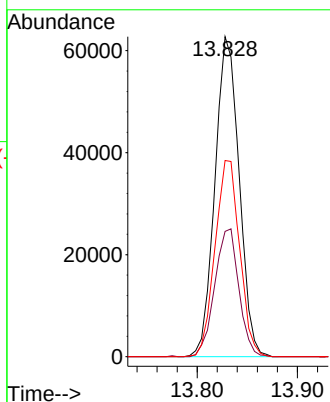
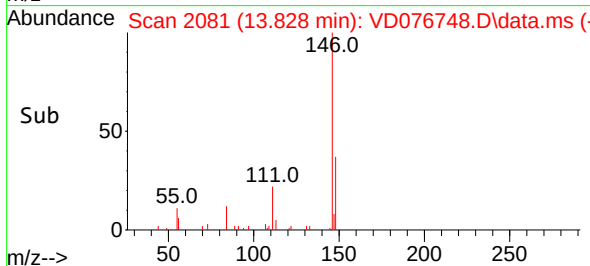
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



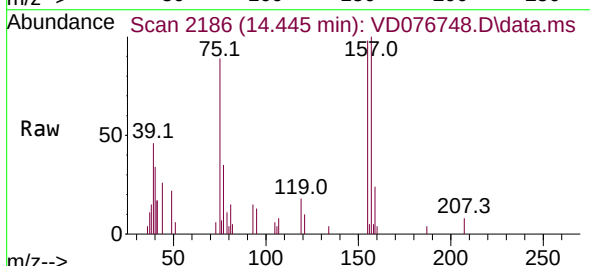
Tgt Ion:146 Resp: 105034
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 62.4 31.6 94.7

Manual Integrations
APPROVED

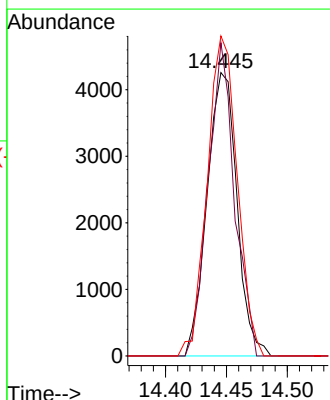
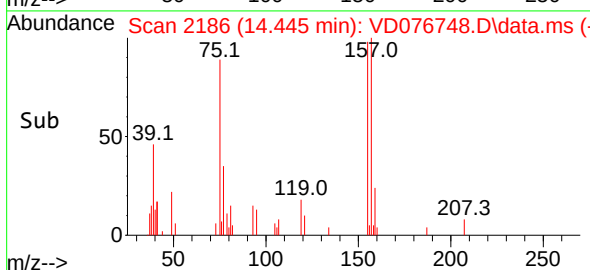
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

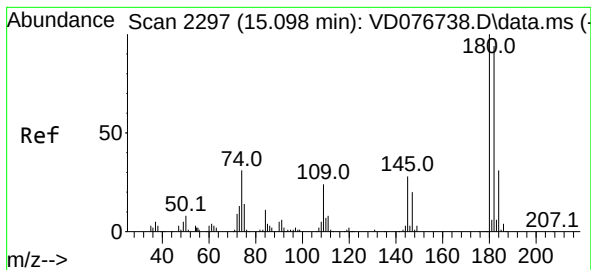


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.592 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



Tgt Ion: 75 Resp: 7264
Ion Ratio Lower Upper
75 100
155 97.7 47.9 143.8
157 113.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.044 ug/l

RT: 15.092 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

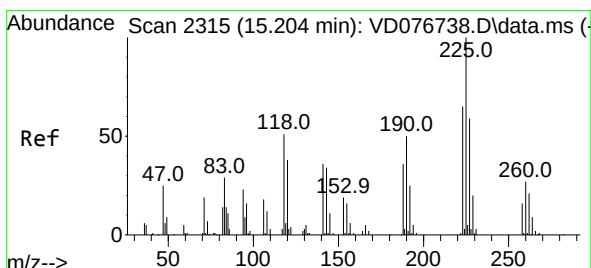
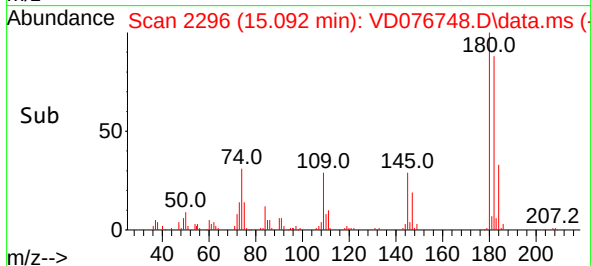
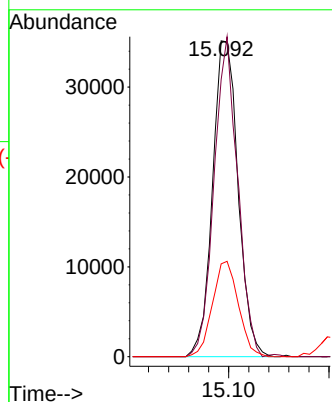
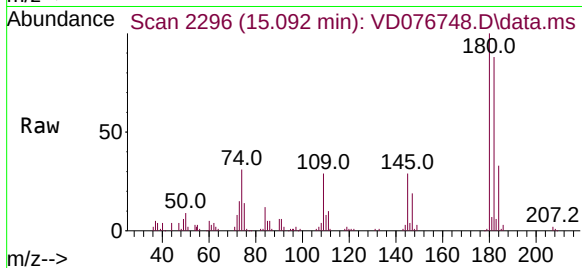
Tgt Ion:	180	Resp:	6200
Ion Ratio	Lower	Upper	
180	100		
182	93.4	48.5	145.6
145	30.7	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 21.271 ug/l

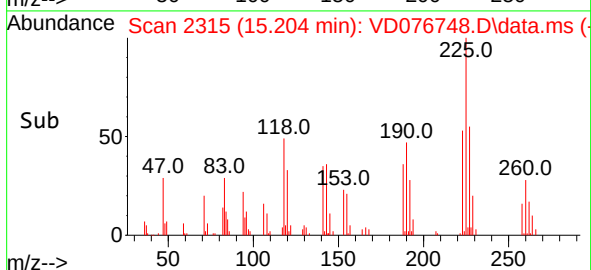
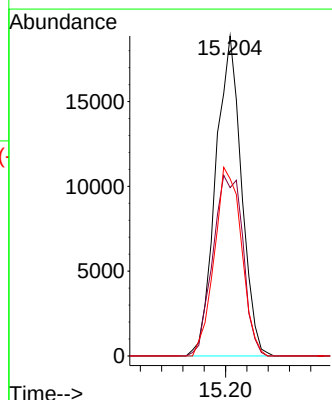
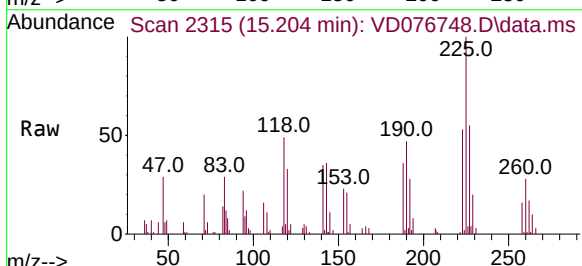
RT: 15.204 min Scan# 2315

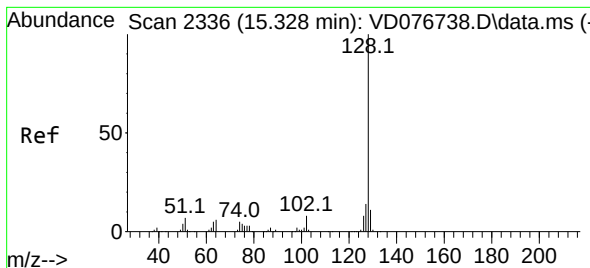
Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

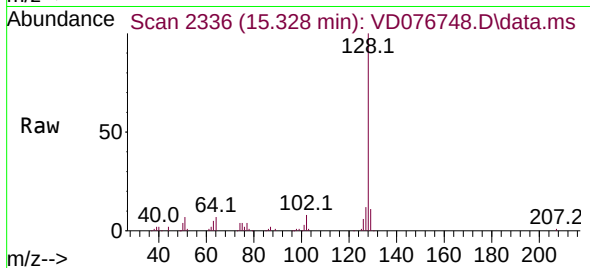
Tgt Ion:	225	Resp:	31645
Ion Ratio	Lower	Upper	
225	100		
223	65.8	31.6	94.8
227	62.3	31.7	95.1





#95
Naphthalene
Concen: 19.223 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

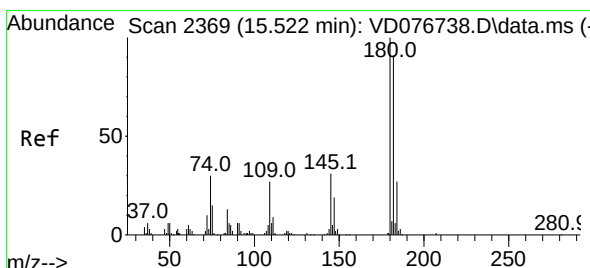
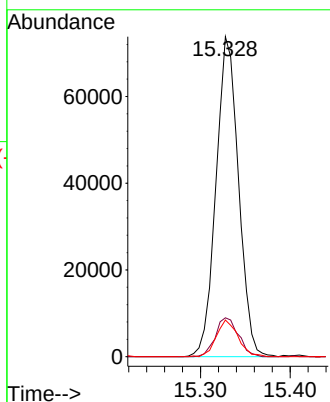
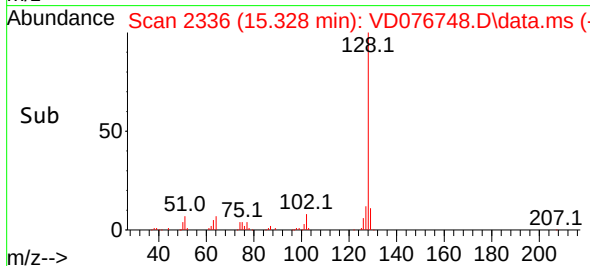
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



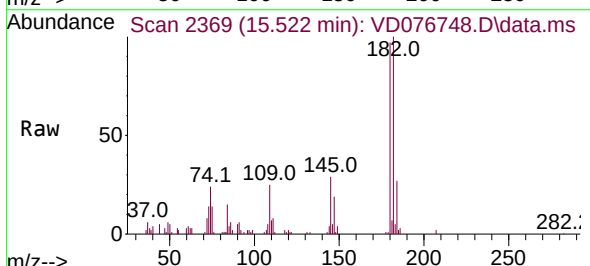
Tgt Ion:128 Resp: 128740
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.522 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13



Tgt Ion:180 Resp: 56966
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 31.7 15.1 45.3

