

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077444.D
 Acq On : 30 Oct 2023 13:05
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD103023

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 04:24:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	324006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	578157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	516688	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	238518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	252633	55.141	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 110.280%		
35) Dibromofluoromethane	7.804	113	216062	54.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 108.140%		
50) Toluene-d8	10.269	98	831140	53.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 107.100%		
62) 4-Bromofluorobenzene	12.575	95	285962	54.701	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 109.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	123257	47.179	ug/l	96
3) Chloromethane	2.152	50	231417	55.793	ug/l	100
4) Vinyl Chloride	2.287	62	219396	54.243	ug/l	99
5) Bromomethane	2.693	94	109610	51.716	ug/l	97
6) Chloroethane	2.840	64	143418	52.666	ug/l	94
7) Trichlorofluoromethane	3.175	101	288354	50.908	ug/l	99
8) Diethyl Ether	3.593	74	111183	54.607	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	3.969	101	169860	49.675	ug/l	95
10) Methyl Iodide	4.169	142	181703	42.575	ug/l #	90
11) Tert butyl alcohol	5.046	59	92250	254.186	ug/l	99
12) 1,1-Dichloroethene	3.946	96	166942	51.569	ug/l #	66
13) Acrolein	3.793	56	122855	256.702	ug/l	99
14) Allyl chloride	4.563	41	413449	52.942	ug/l #	83
15) Acrylonitrile	5.252	53	290879	264.280	ug/l	99
16) Acetone	4.022	43	310389	256.023	ug/l #	78
17) Carbon Disulfide	4.269	76	507410	50.753	ug/l	98
18) Methyl Acetate	4.563	43	246094	55.649	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	532938	52.447	ug/l	94
20) Methylene Chloride	4.805	84	254077	56.039	ug/l #	64
21) trans-1,2-Dichloroethene	5.310	96	197853	52.478	ug/l #	68
22) Diisopropyl ether	6.216	45	884503	53.290	ug/l #	89
23) Vinyl Acetate	6.152	43	1851567m	258.575	ug/l	
24) 1,1-Dichloroethane	6.110	63	451089	52.377	ug/l	93
25) 2-Butanone	7.081	43	416646	257.653	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	376274	49.300	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	244361	52.316	ug/l	70
28) Bromochloromethane	7.428	49	215148	54.888	ug/l #	54
29) Tetrahydrofuran	7.446	42	257005	267.972	ug/l #	69
30) Chloroform	7.599	83	414283	51.519	ug/l	96
31) Cyclohexane	7.881	56	367417	51.300	ug/l #	73
32) 1,1,1-Trichloroethane	7.793	97	332927	50.250	ug/l	94
36) 1,1-Dichloropropene	8.010	75	301231	50.843	ug/l	92
37) Ethyl Acetate	7.169	43	174922	51.446	ug/l #	89
38) Carbon Tetrachloride	7.993	117	278730	49.925	ug/l	96
39) Methylcyclohexane	9.275	83	349572	51.712	ug/l #	79
40) Benzene	8.251	78	888221	52.575	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	111011	51.026	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	281545	52.616	ug/l	89
43) Isopropyl Acetate	8.357	43	365285	52.060	ug/l #	79
44) Trichloroethene	9.028	130	208898	50.479	ug/l	81
45) 1,2-Dichloropropane	9.304	63	256944	51.659	ug/l	100
46) Dibromomethane	9.393	93	122229	51.065	ug/l	89
47) Bromodichloromethane	9.587	83	323625	51.153	ug/l	99
48) Methyl methacrylate	9.381	41	177025	52.854	ug/l #	66
49) 1,4-Dioxane	9.387	88	26548	1032.187	ug/l #	59
51) 4-Methyl-2-Pentanone	10.157	43	906712	262.537	ug/l #	81
52) Toluene	10.334	92	532334	51.687	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	351633	52.489	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	403779	52.376	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	164015	51.359	ug/l	95
56) Ethyl methacrylate	10.598	69	250365	52.729	ug/l #	60
57) 1,3-Dichloropropane	10.881	76	310382	51.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	673751	283.437	ug/l #	85
59) 2-Hexanone	10.922	43	656717	258.123	ug/l	78
60) Dibromochloromethane	11.075	129	198231	51.622	ug/l	97
61) 1,2-Dibromoethane	11.181	107	154651	51.137	ug/l	98
64) Tetrachloroethene	10.810	164	160167	48.690	ug/l	88
65) Chlorobenzene	11.610	112	552657	51.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	203696	49.797	ug/l	97
67) Ethyl Benzene	11.687	91	1053681	50.591	ug/l	93
68) m/p-Xylenes	11.792	106	755788	100.490	ug/l	79
69) o-Xylene	12.122	106	366534	50.879	ug/l	80
70) Styrene	12.134	104	629525	50.654	ug/l #	90
71) Bromoform	12.298	173	111894	49.341	ug/l #	100
73) Isopropylbenzene	12.422	105	957655	49.245	ug/l	94
74) N-amyl acetate	12.234	43	356867	51.809	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	192537	50.509	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	144662m	49.832	ug/l	
77) Bromobenzene	12.704	156	212543	49.654	ug/l	70
78) n-propylbenzene	12.763	91	1205327	48.814	ug/l	92
79) 2-Chlorotoluene	12.851	91	690415	49.383	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	799320	48.986	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	75040	49.931	ug/l #	85
82) 4-Chlorotoluene	12.951	91	710225	48.770	ug/l	89
83) tert-Butylbenzene	13.169	119	665994	48.545	ug/l	87
84) 1,2,4-Trimethylbenzene	13.210	105	797415	49.196	ug/l	92
85) sec-Butylbenzene	13.345	105	1014034	48.308	ug/l	94
86) p-Isopropyltoluene	13.463	119	828152	48.538	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	420701	50.001	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	416889	49.591	ug/l	95
89) n-Butylbenzene	13.786	91	861152	48.560	ug/l	97
90) Hexachloroethane	14.057	117	170325	48.784	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	370305	50.079	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	31756	49.450	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	257481	50.687	ug/l	98
94) Hexachlorobutadiene	15.204	225	134514	49.091	ug/l	99
95) Naphthalene	15.333	128	499759	51.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	220987	50.398	ug/l	97

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ClientSampleId :
ICVVD103023

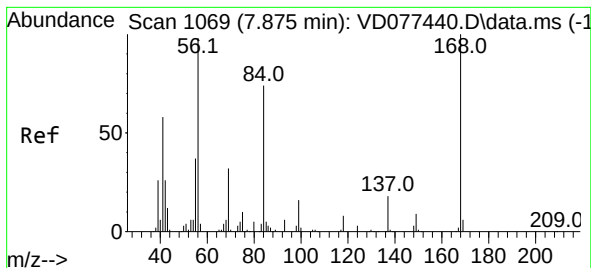
Manual Integrations
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Supervised By :Mahesh Dadoda 10/31/2023

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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077444.D

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Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion:168 Resp: 324000

Ion Ratio Lower Upper

168 100

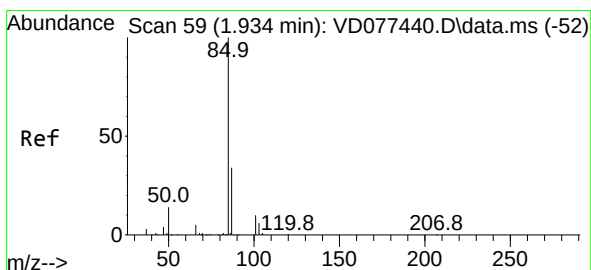
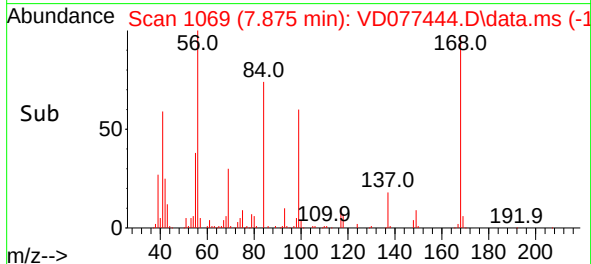
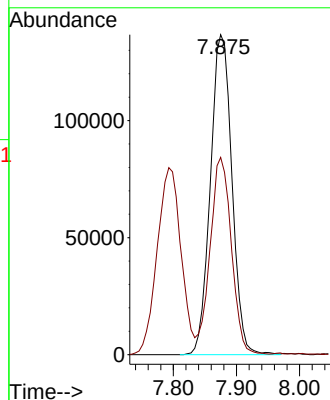
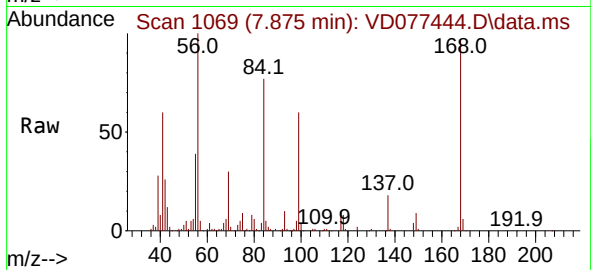
99 61.1 36.7 55.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.179 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077444.D

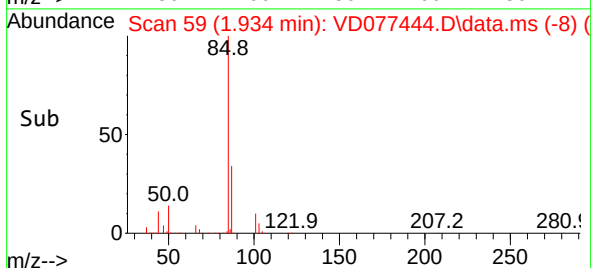
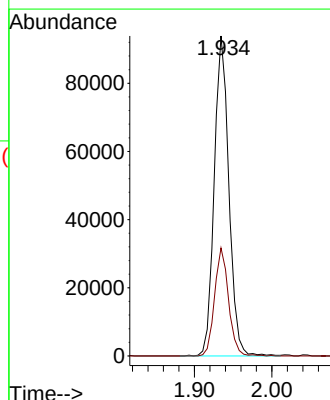
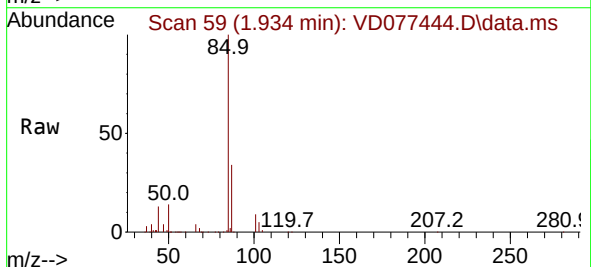
Acq: 30 Oct 2023 13:05

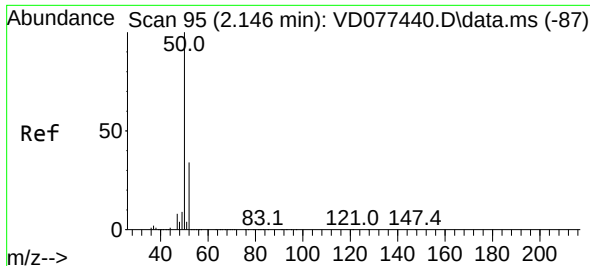
Tgt Ion: 85 Resp: 123257

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.0





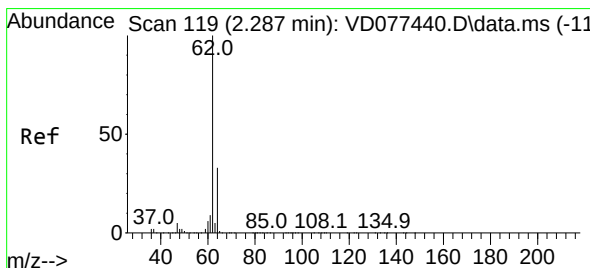
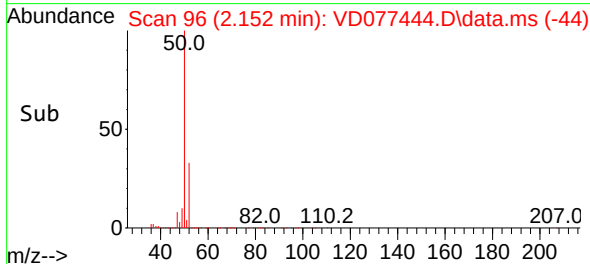
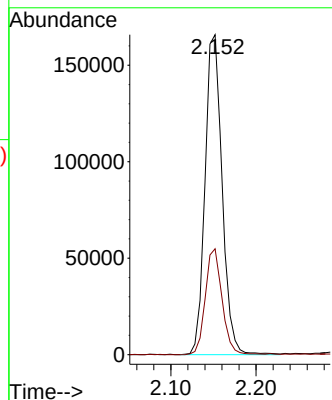
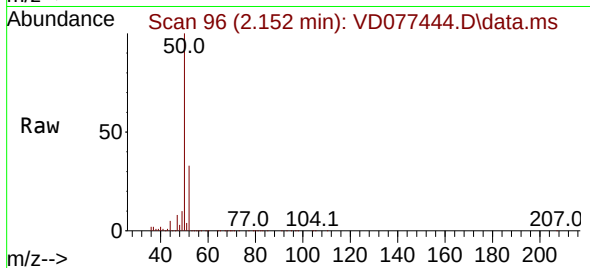
#3
Chloromethane
Concen: 55.793 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Tgt Ion: 50 Resp: 23141
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

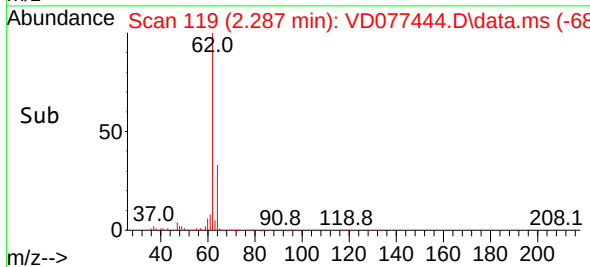
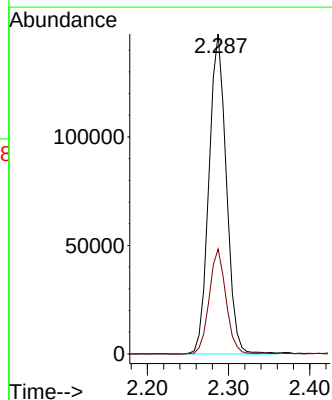
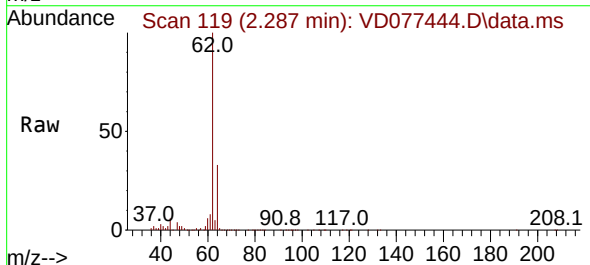
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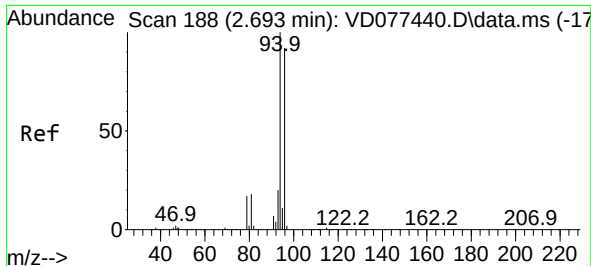
Reviewed By :John Carlone 10/31/2023
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#4
Vinyl Chloride
Concen: 54.243 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

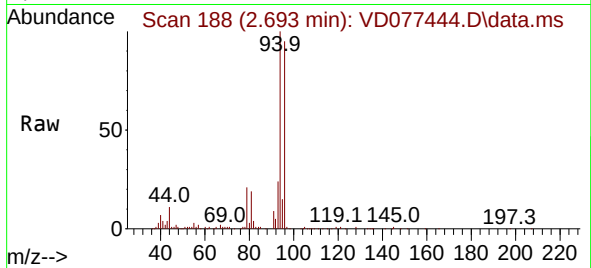
Tgt Ion: 62 Resp: 219396
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0





#5
Bromomethane
Concen: 51.716 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

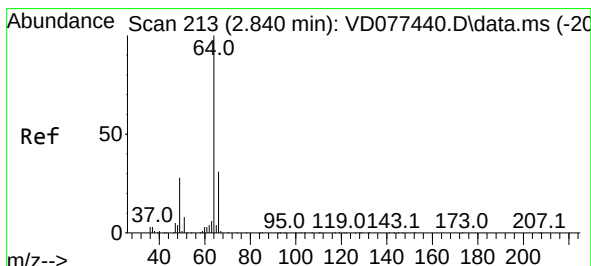
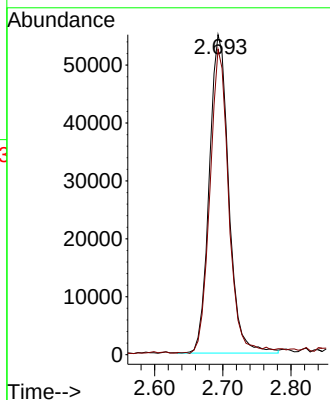
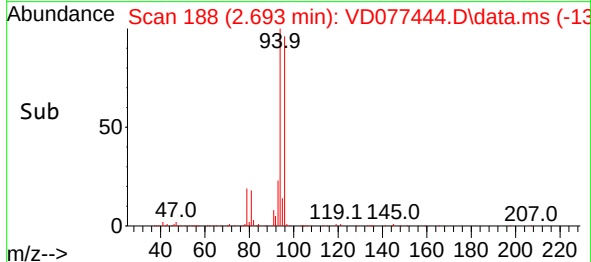
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 109610
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8

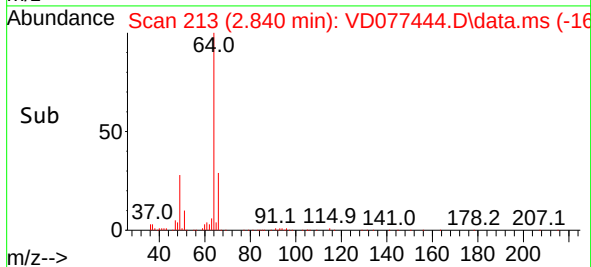
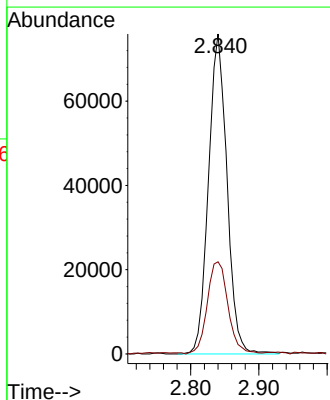
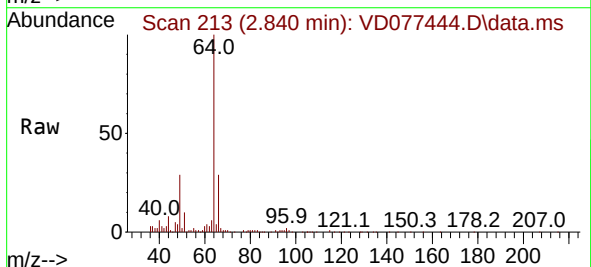
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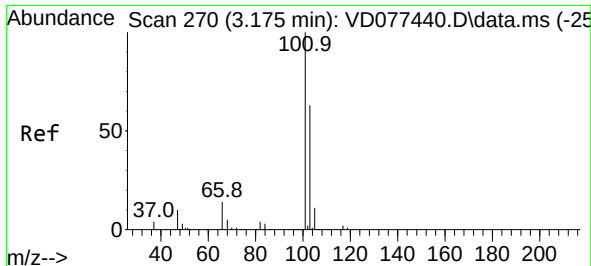
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 52.666 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077444.D
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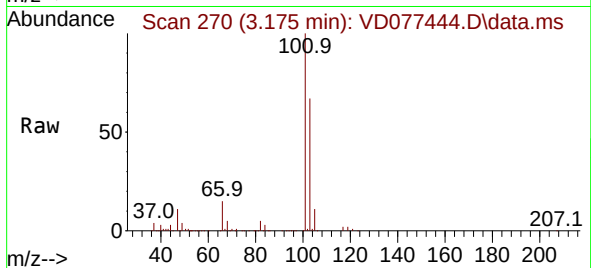
Tgt Ion: 64 Resp: 143418
Ion Ratio Lower Upper
64 100
66 28.4 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 50.908 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077444.D
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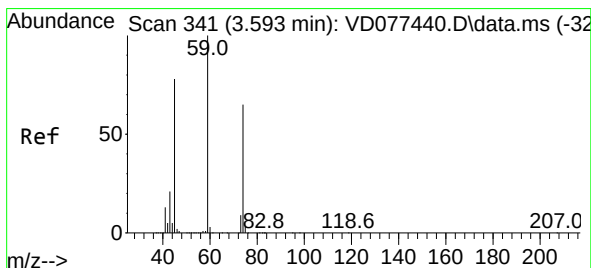
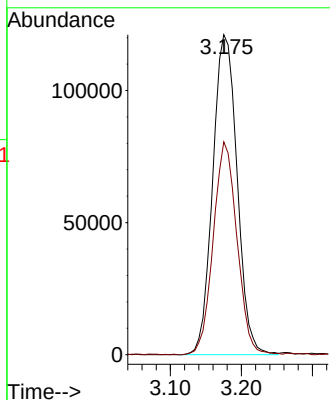
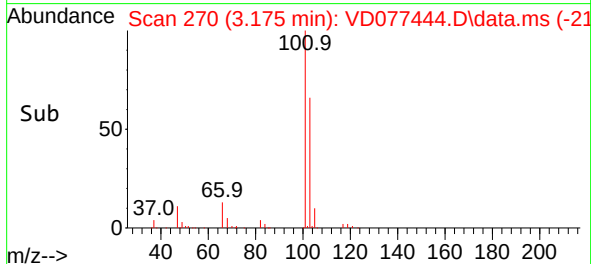
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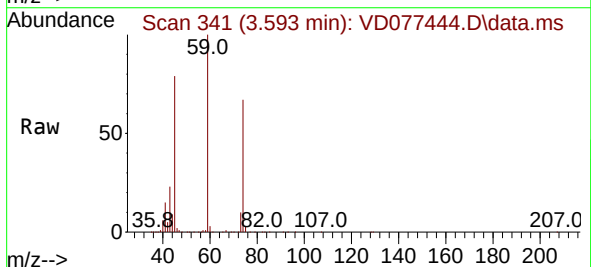
Tgt Ion:101 Resp: 288354
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.3 78.5

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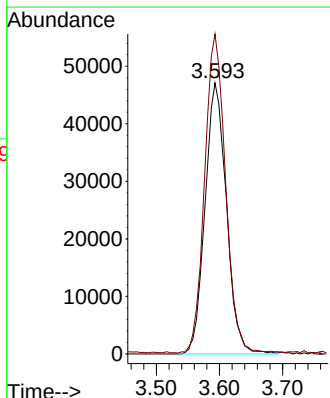
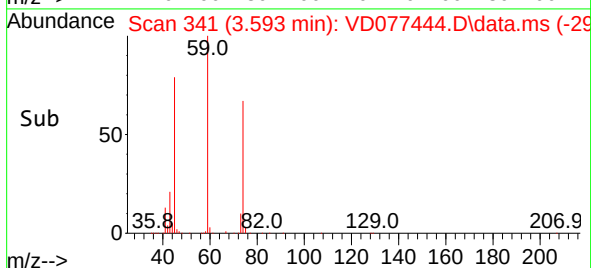
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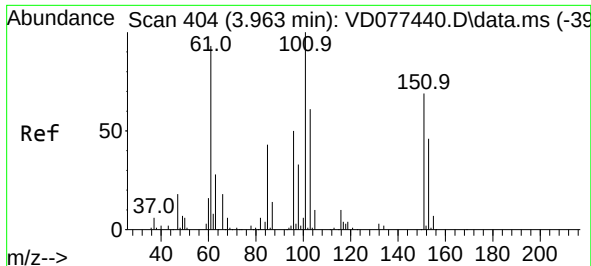


#8
 Diethyl Ether
 Concen: 54.607 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077444.D
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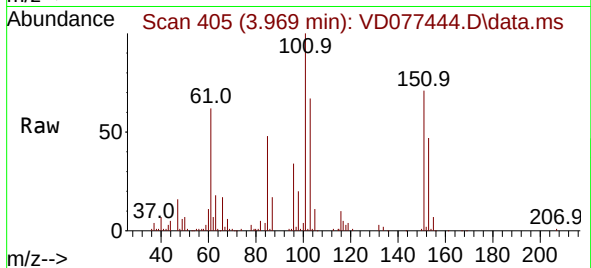
Tgt Ion: 74 Resp: 111183
 Ion Ratio Lower Upper
 74 100
 45 114.4 37.5 112.7#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.675 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077444.D
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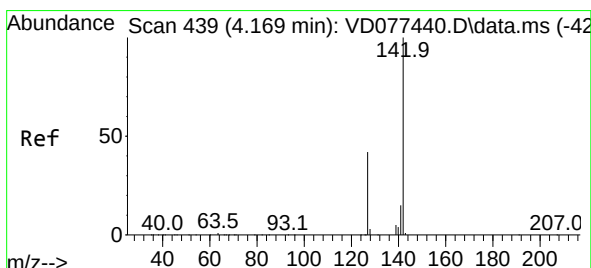
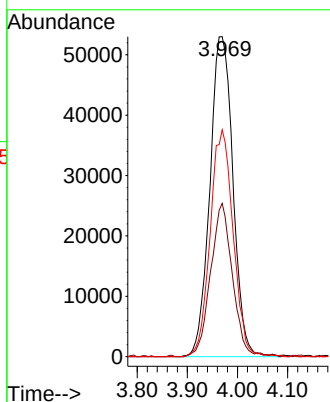
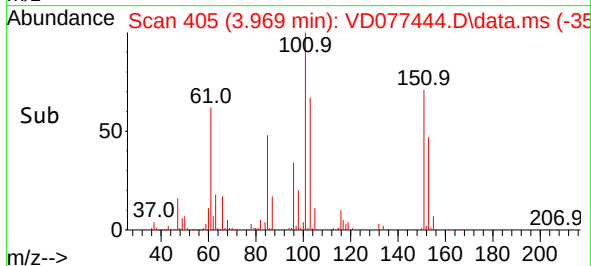
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion:101 Resp: 169860
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 70.5 59.8 89.6

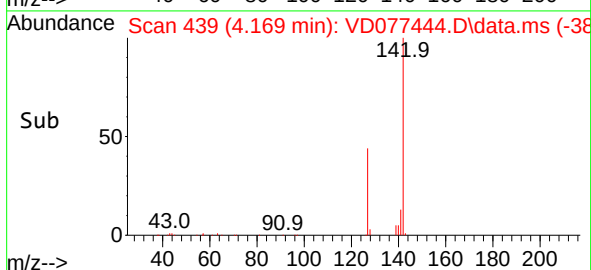
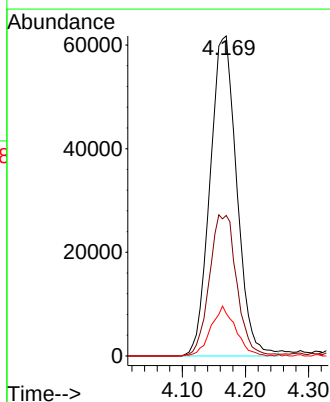
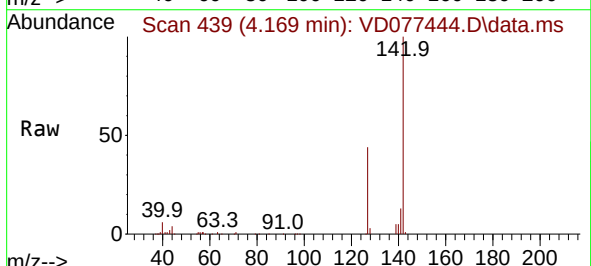
Manual Integrations
APPROVED

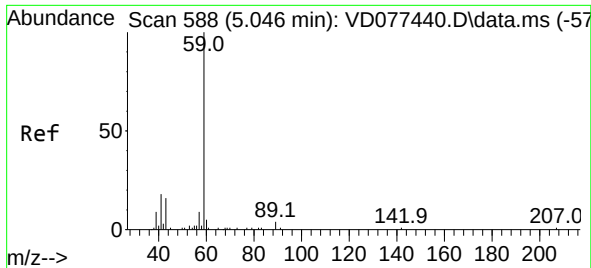
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 42.575 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

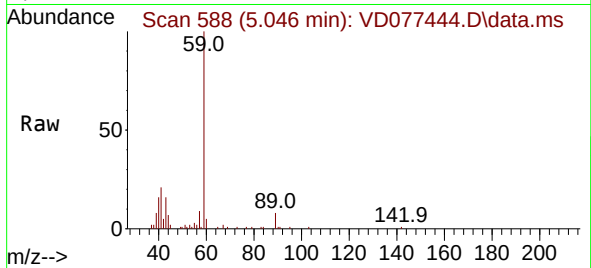
Tgt Ion:142 Resp: 181703
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 254.186 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

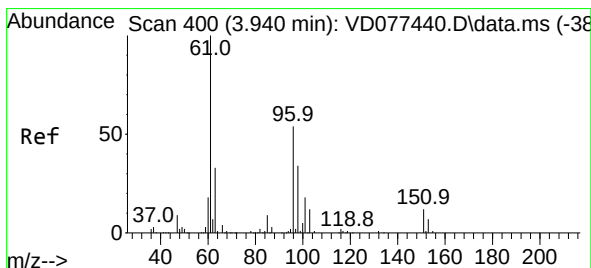
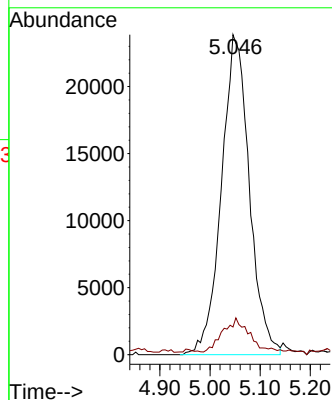
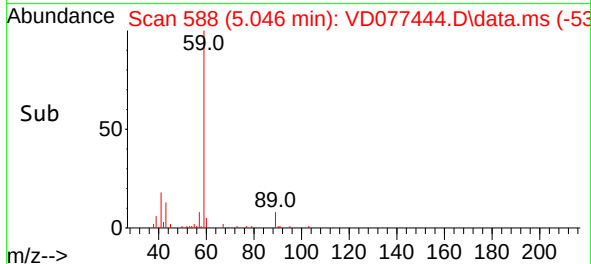
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



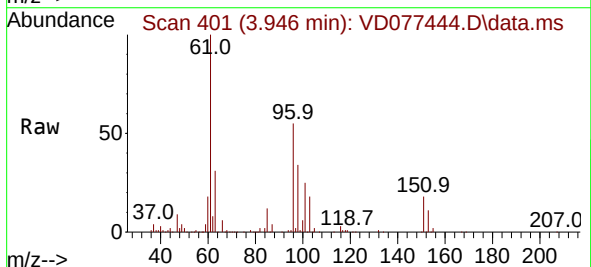
Tgt Ion: 59 Resp: 92250
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

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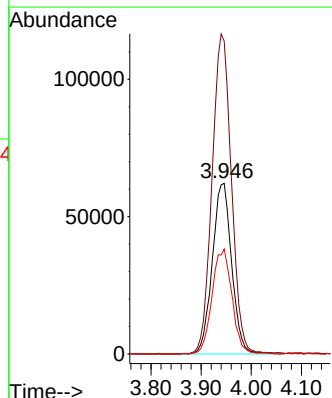
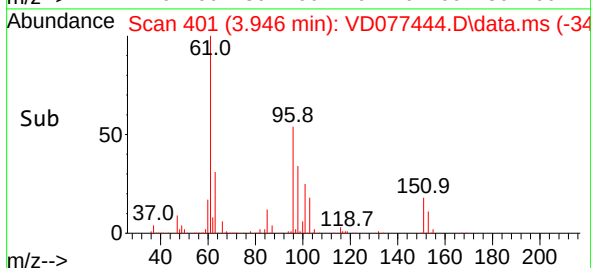
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

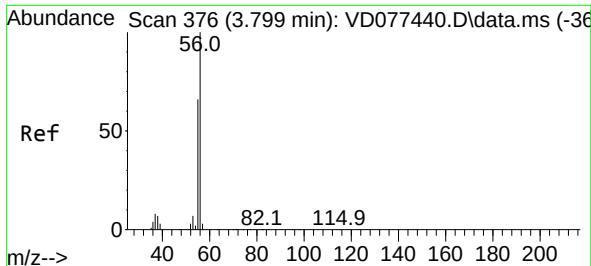


#12
1,1-Dichloroethene
Concen: 51.569 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion: 96 Resp: 166942
Ion Ratio Lower Upper
96 100
61 183.4 100.6 150.8#
98 61.6 50.2 75.2





#13

Acrolein

Concen: 256.702 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion: 56 Resp: 12285

Ion Ratio Lower Upper

56 100

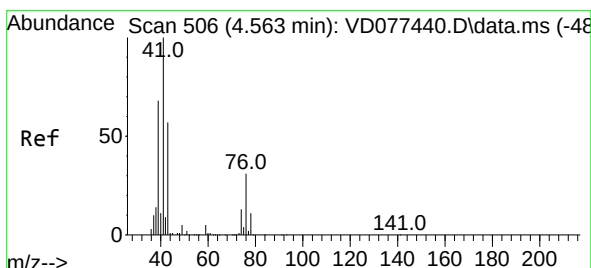
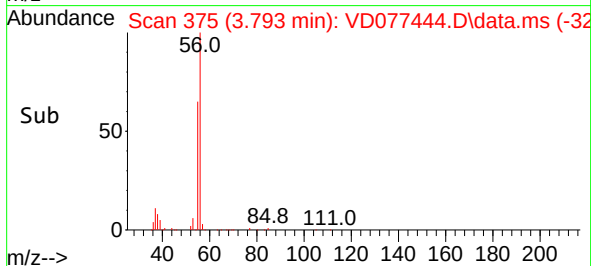
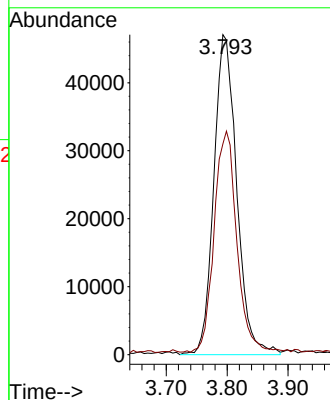
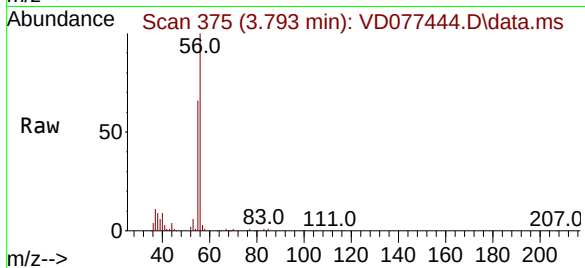
55 68.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#14

Allyl chloride

Concen: 52.942 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

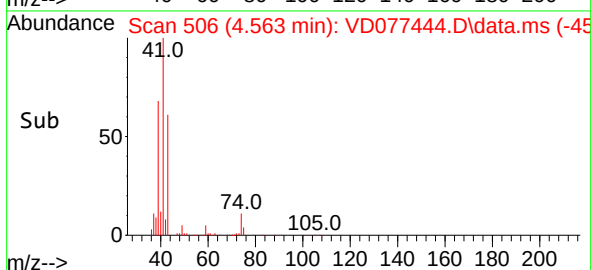
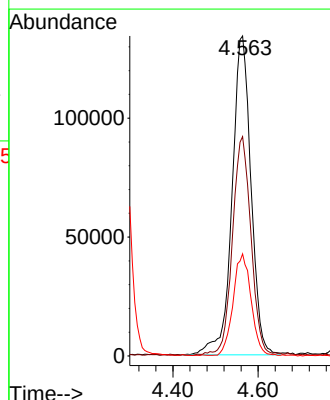
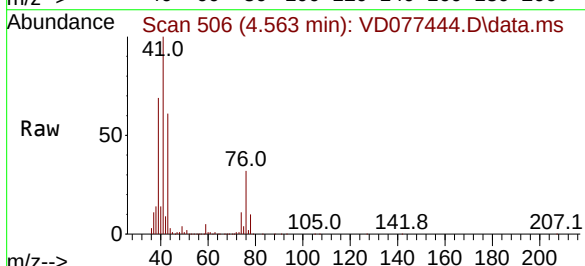
Tgt Ion: 41 Resp: 413449

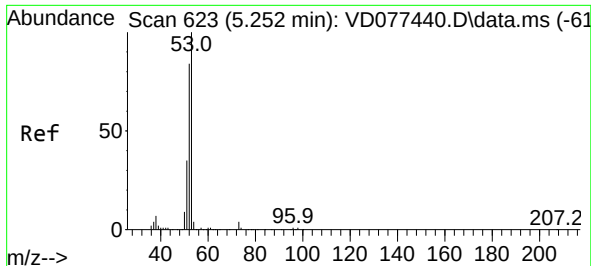
Ion Ratio Lower Upper

41 100

39 67.3 53.8 80.6

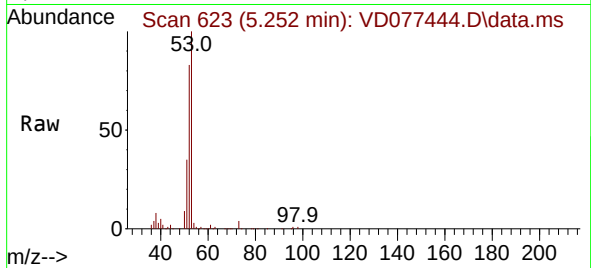
76 30.0 45.8 68.8#





#15
Acrylonitrile
Concen: 264.280 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

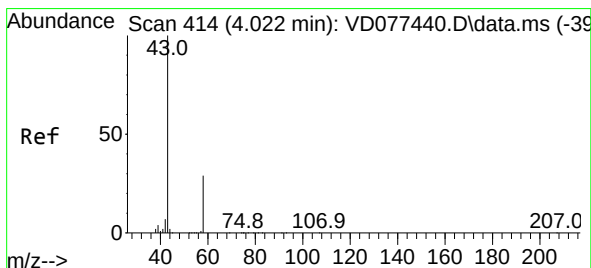
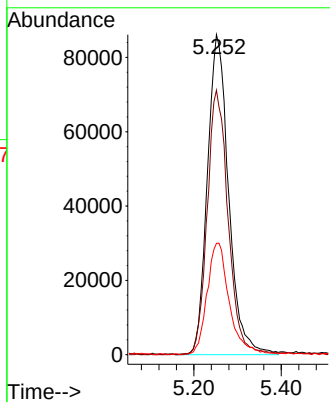
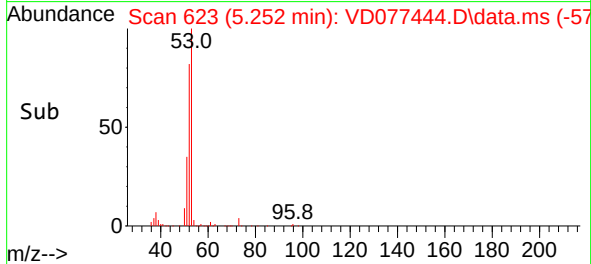
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 53 Resp: 290879
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 36.6 28.3 42.5

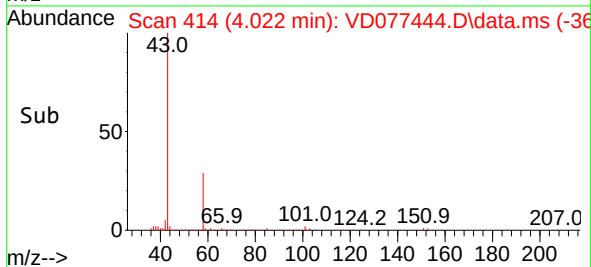
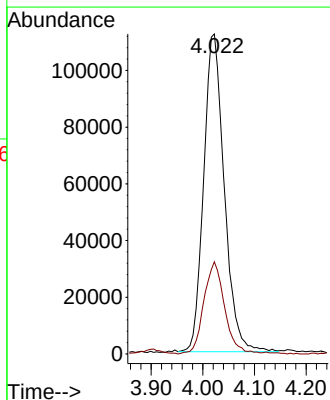
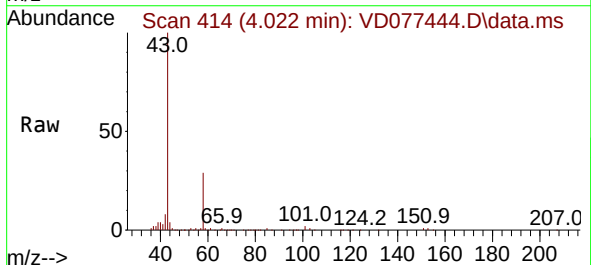
Manual Integrations
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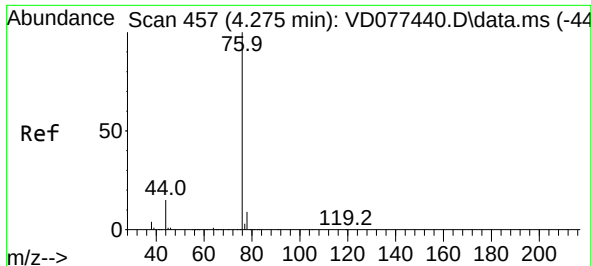
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 256.023 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

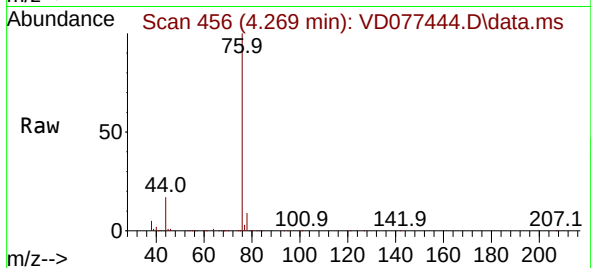
Tgt Ion: 43 Resp: 310389
Ion Ratio Lower Upper
43 100
58 29.0 34.7 52.1#





#17
Carbon Disulfide
Concen: 50.753 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

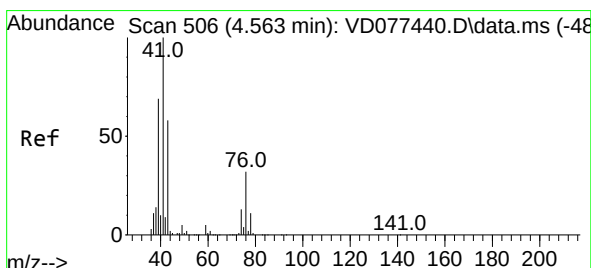
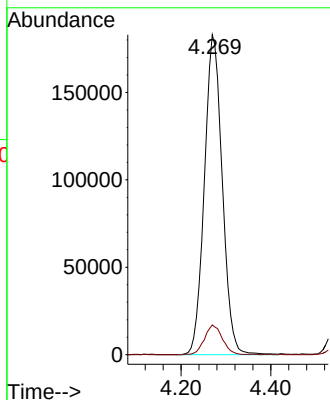
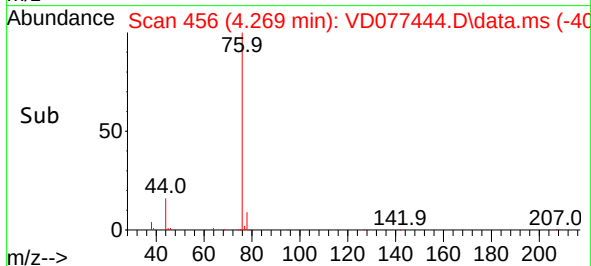
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 76 Resp: 507410
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

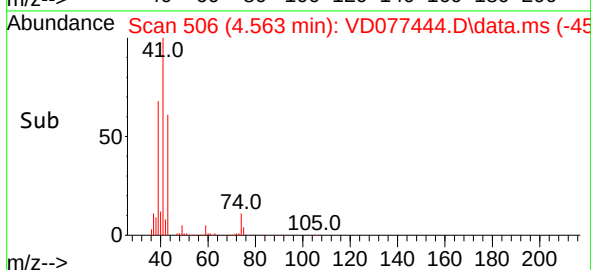
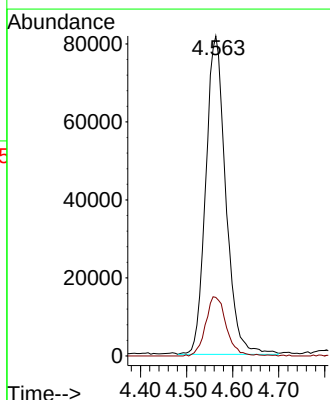
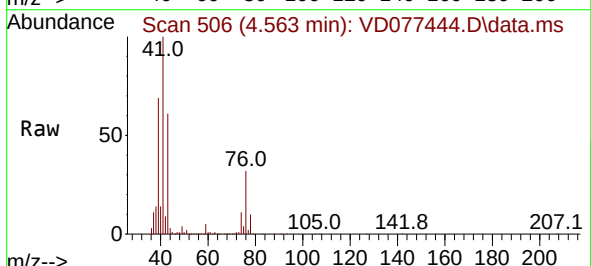
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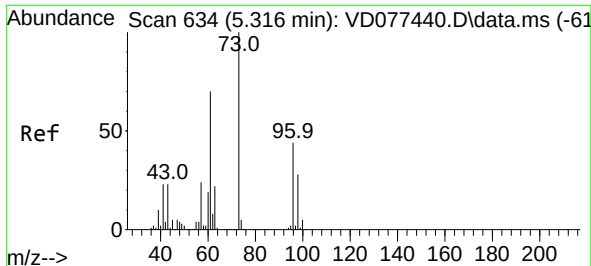
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 55.649 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 43 Resp: 246094
Ion Ratio Lower Upper
43 100
74 19.1 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 52.447 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion: 73 Resp: 532938

Ion Ratio Lower Upper

73 100

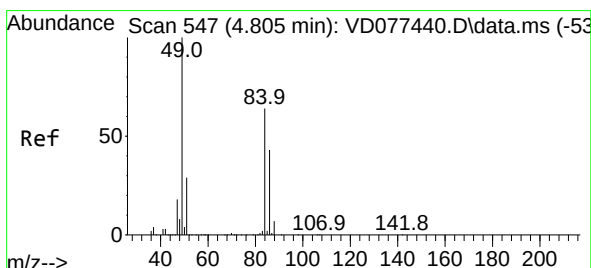
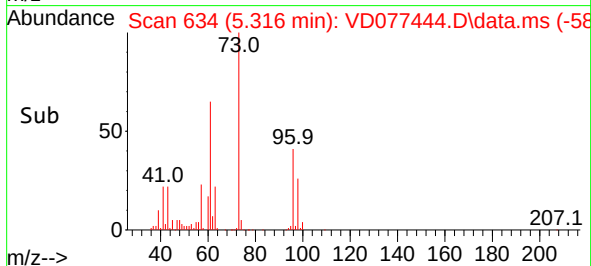
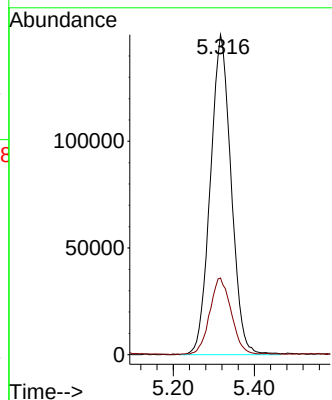
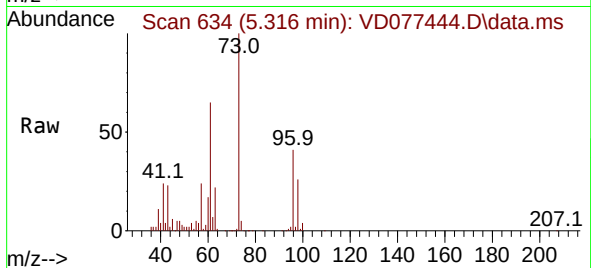
57 23.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#20

Methylene Chloride

Concen: 56.039 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Tgt Ion: 84 Resp: 254077

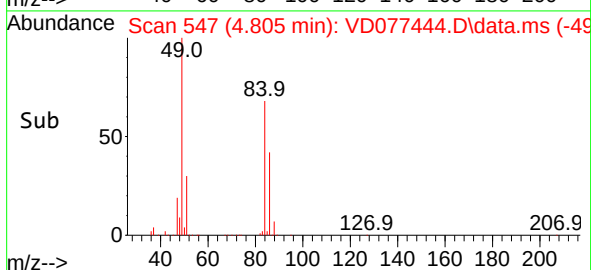
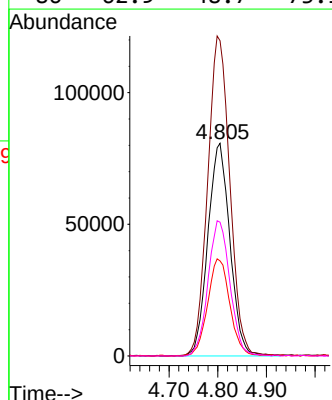
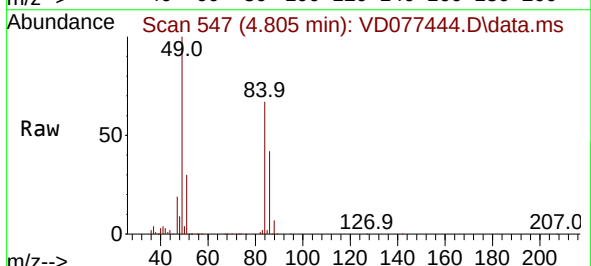
Ion Ratio Lower Upper

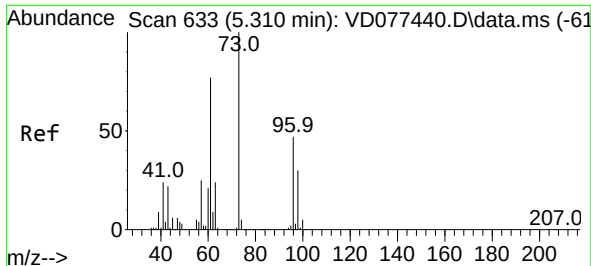
84 100

49 148.0 71.4 107.2#

51 44.7 24.5 36.7#

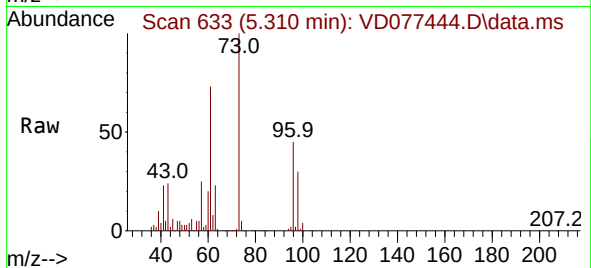
86 62.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.478 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

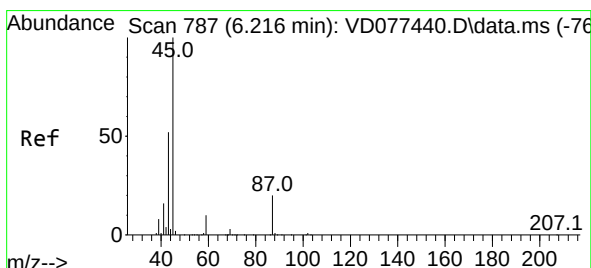
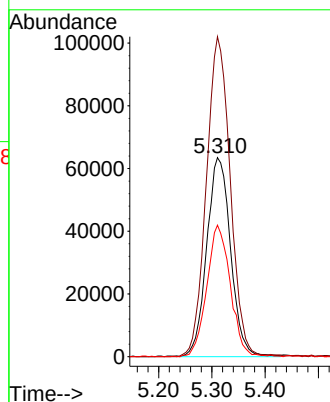
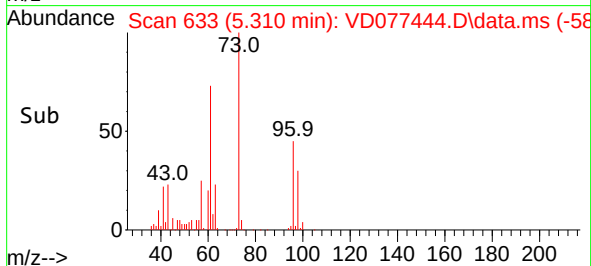
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



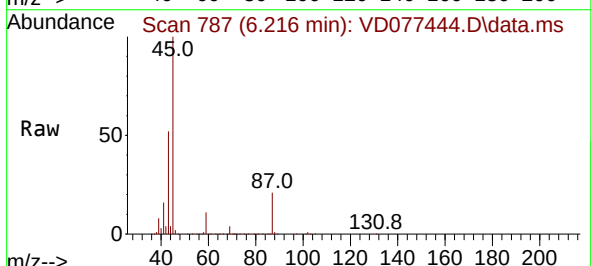
Tgt Ion: 96 Resp: 19785
Ion Ratio Lower Upper
96 100
61 160.4 89.3 133.9#
98 66.1 48.6 73.0

Manual Integrations
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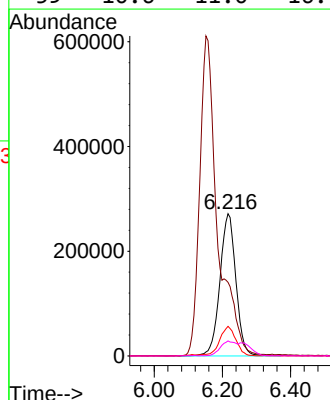
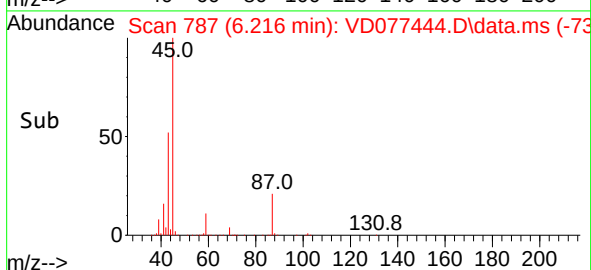
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

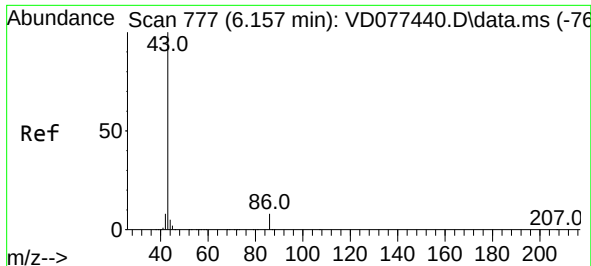


#22
Diisopropyl ether
Concen: 53.290 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



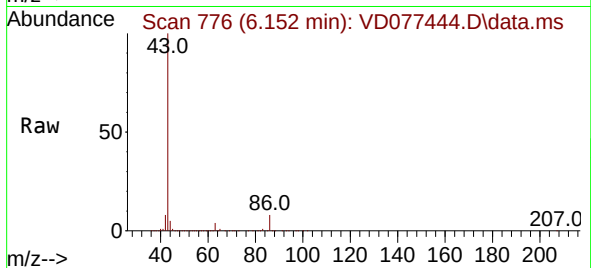
Tgt Ion: 45 Resp: 884503
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 20.7 28.2 42.4#
59 10.6 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 258.575 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

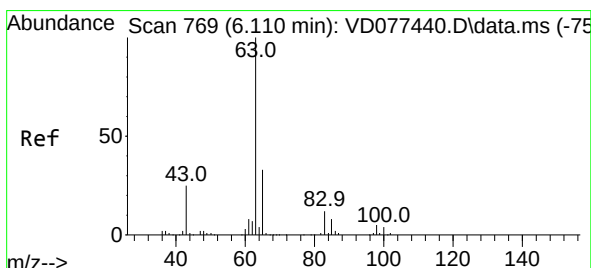
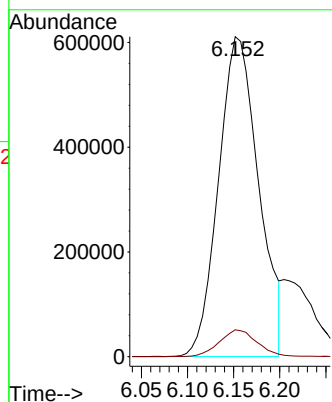
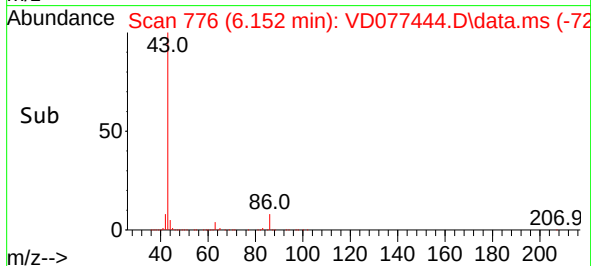
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD103023



Tgt Ion: 43 Resp: 185156
 Ion Ratio Lower Upper
 43 100
 86 8.4 12.5 18.7

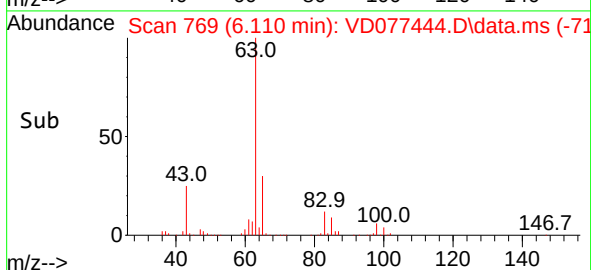
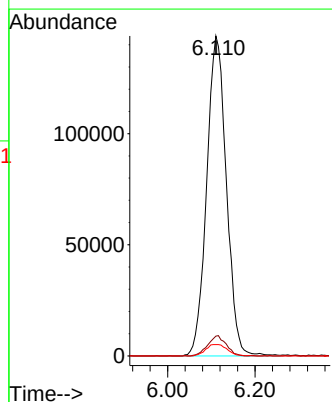
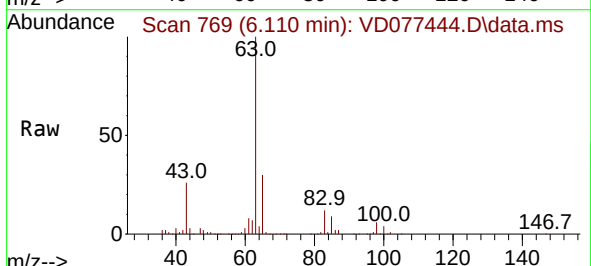
Manual Integrations
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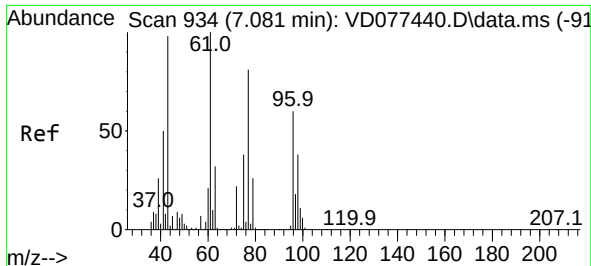
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 52.377 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

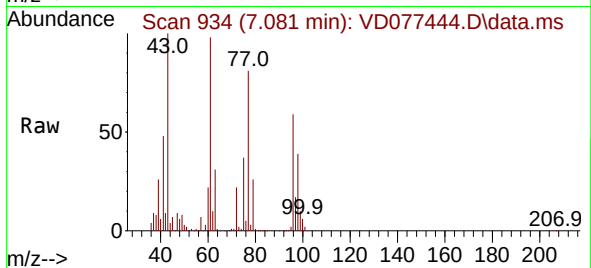
Tgt Ion: 63 Resp: 451089
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.5 13.7
 100 3.5 2.5 7.5





#25
2-Butanone
Concen: 257.653 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

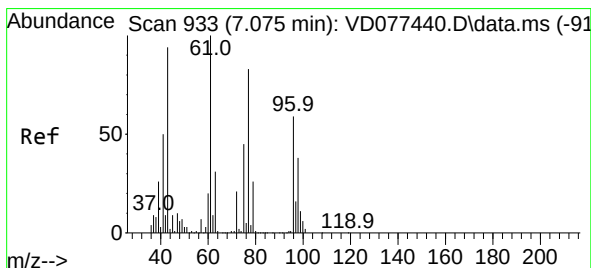
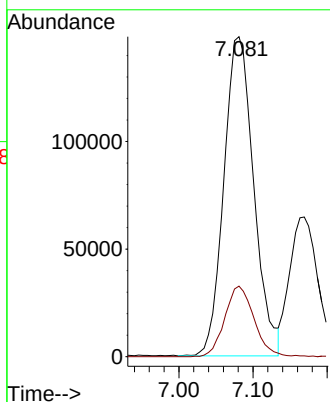
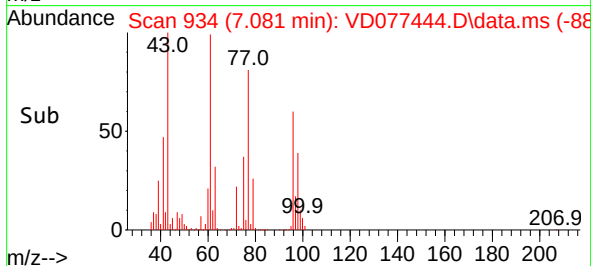
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



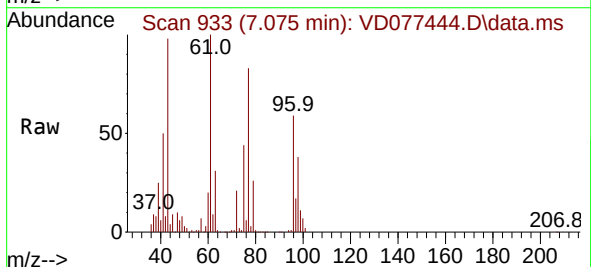
Tgt Ion: 43 Resp: 416640
Ion Ratio Lower Upper
43 100
72 22.1 30.7 46.1

Manual Integrations
APPROVED

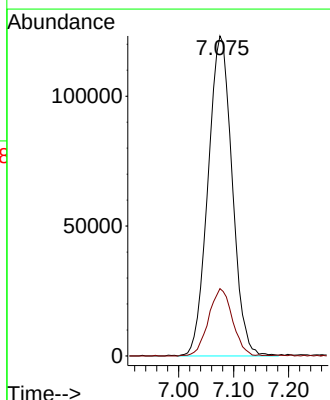
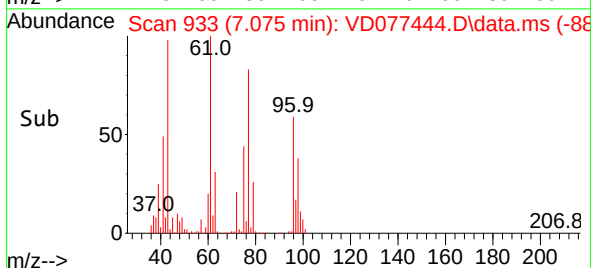
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

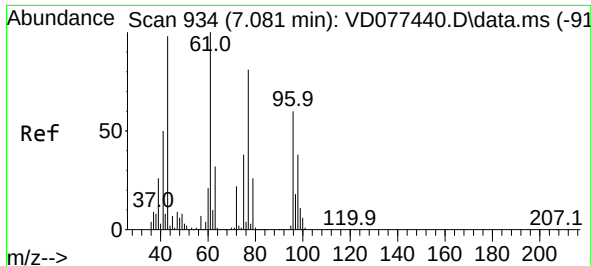


#26
2,2-Dichloropropane
Concen: 49.300 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



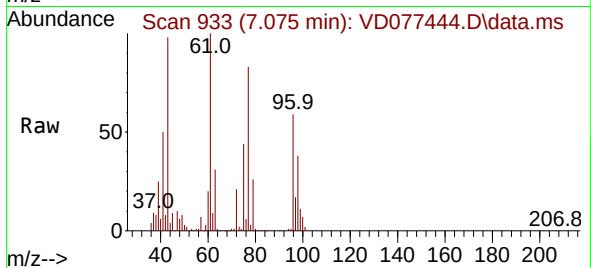
Tgt Ion: 77 Resp: 376274
Ion Ratio Lower Upper
77 100
97 20.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.316 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

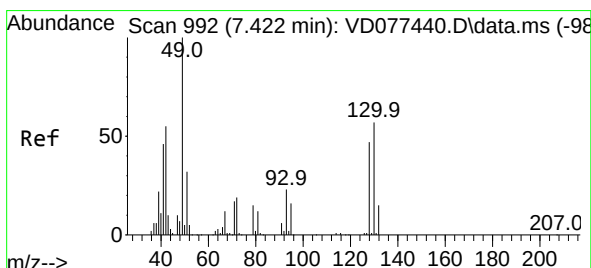
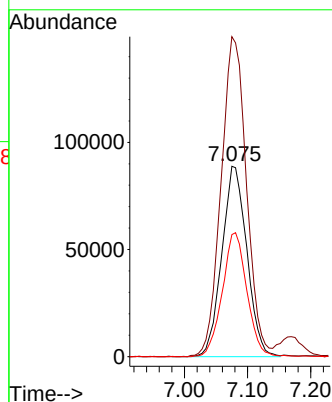
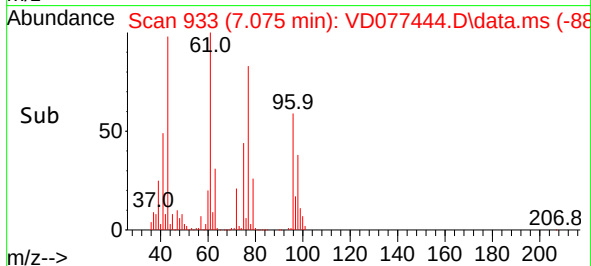
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD103023



Tgt Ion: 96 Resp: 24436
 Ion Ratio Lower Upper
 96 100
 61 170.6 0.0 239.2
 98 63.8 0.0 128.6

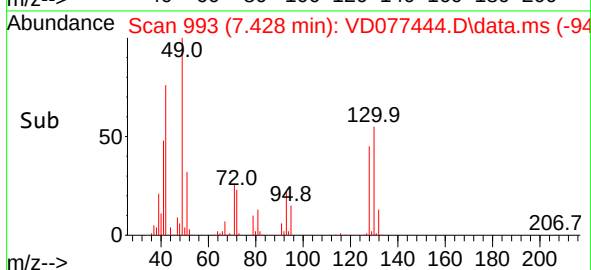
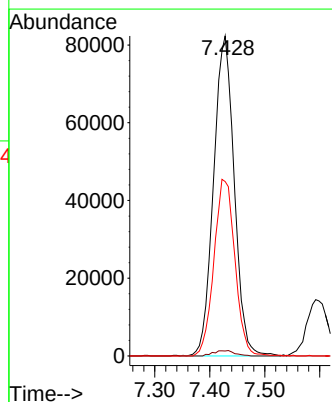
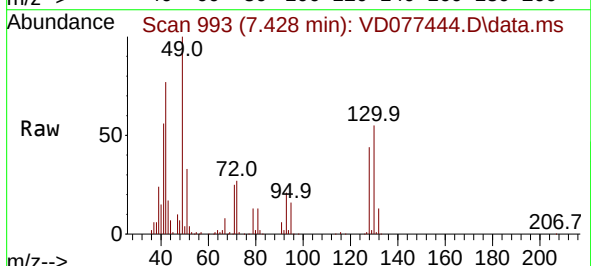
Manual Integrations
 APPROVED

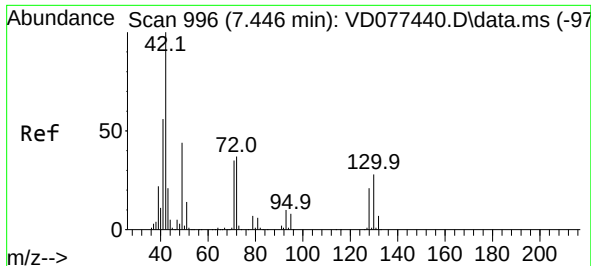
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 54.888 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

Tgt Ion: 49 Resp: 215148
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 56.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 267.972 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion: 42 Resp: 257000

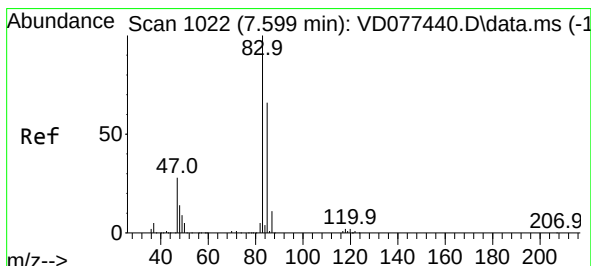
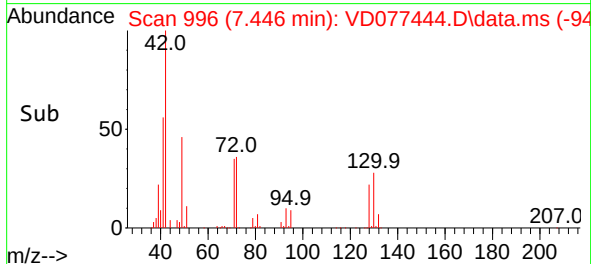
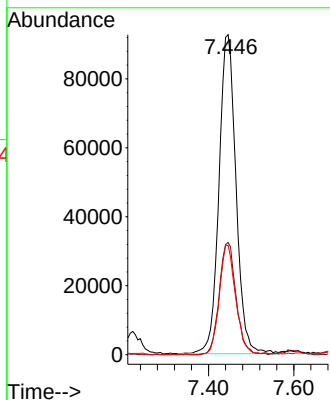
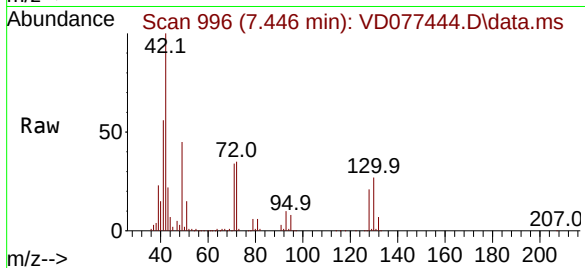
Ion	Ratio	Lower	Upper
42	100		
72	34.5	46.5	69.7
71	33.0	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 51.519 ug/l

RT: 7.599 min Scan# 1022

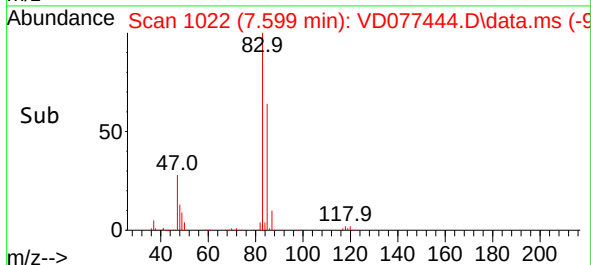
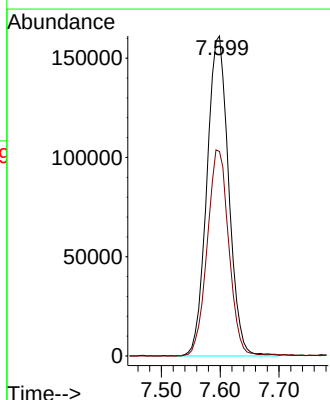
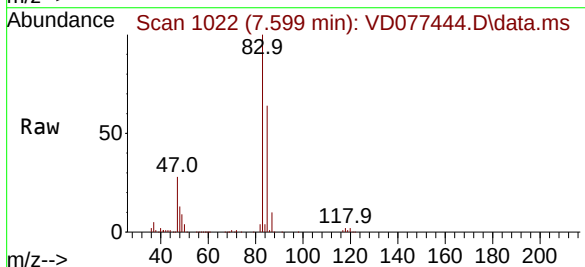
Delta R.T. 0.000 min

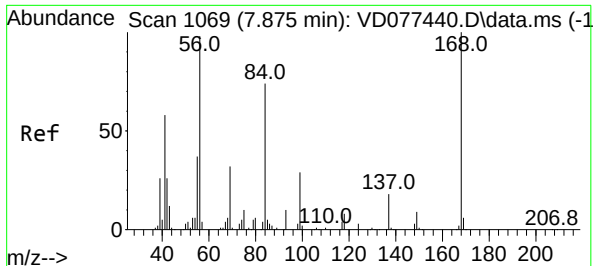
Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Tgt Ion: 83 Resp: 414283

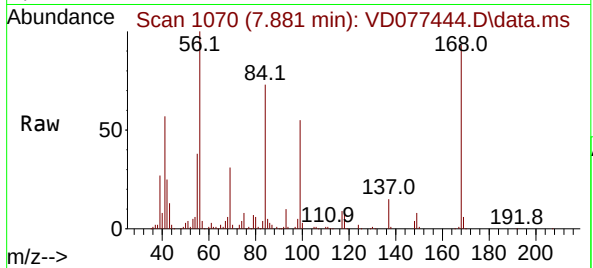
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.4	80.2





#31
Cyclohexane
Concen: 51.300 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

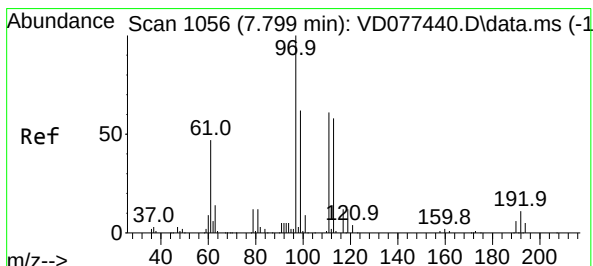
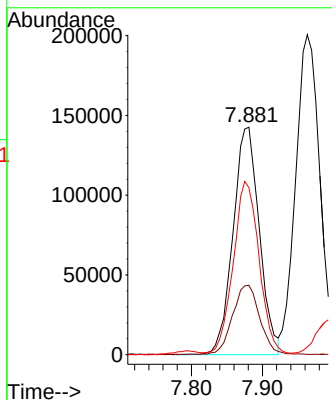
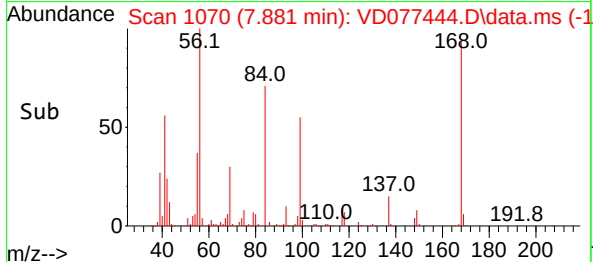
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 56 Resp: 36741
Ion Ratio Lower Upper
56 100
69 30.3 28.6 43.0
84 72.2 84.8 127.2

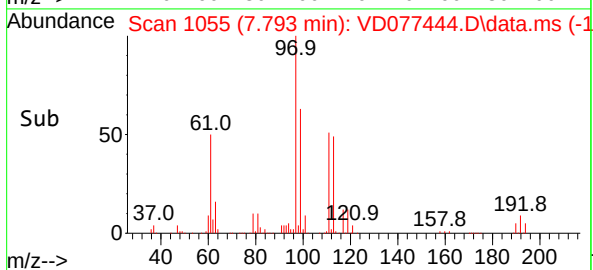
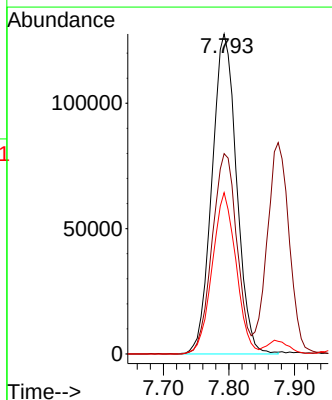
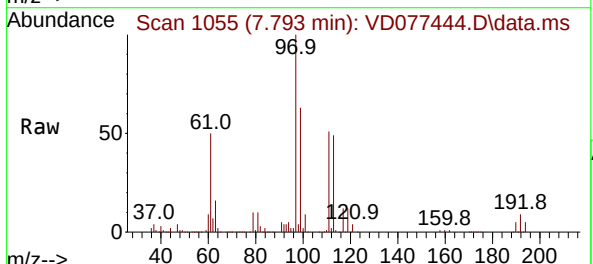
Manual Integrations
APPROVED

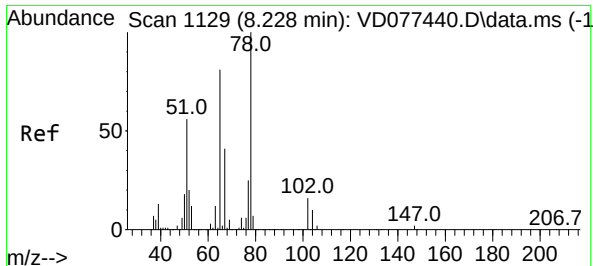
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 50.250 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 97 Resp: 332927
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 48.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.141 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion: 65 Resp: 25263

Ion Ratio Lower Upper

65 100

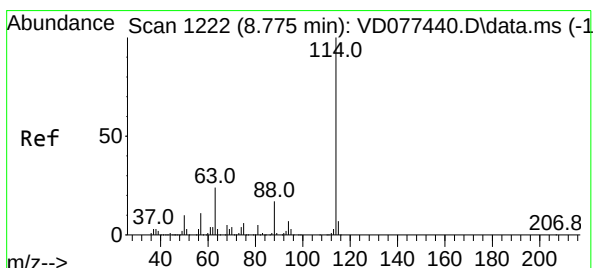
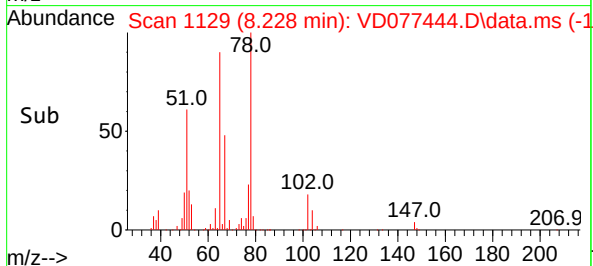
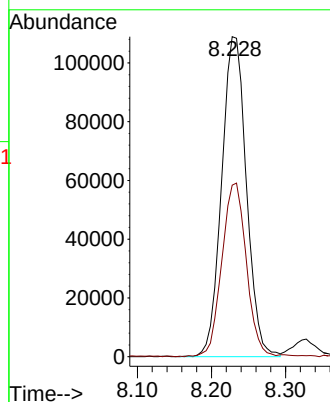
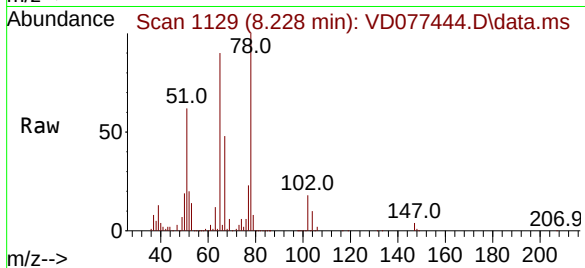
67 53.6 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

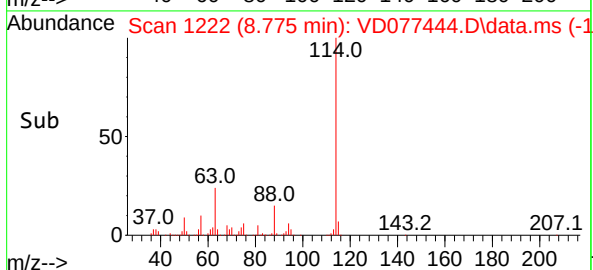
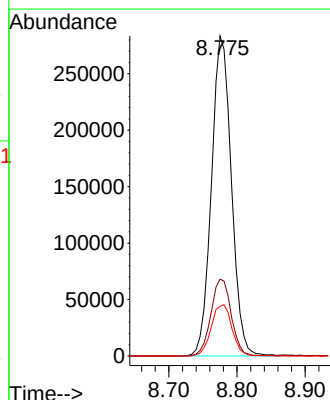
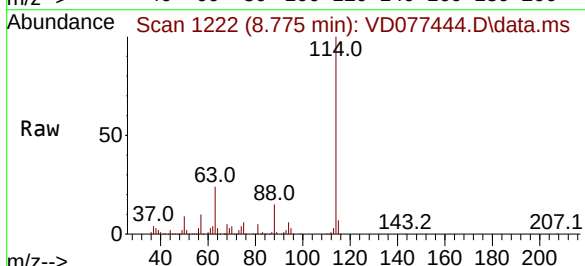
Tgt Ion:114 Resp: 578157

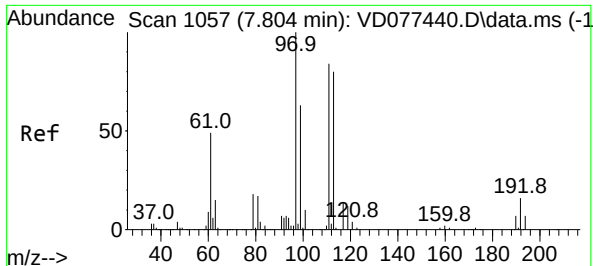
Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

88 15.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.070 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion:113 Resp: 216062

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

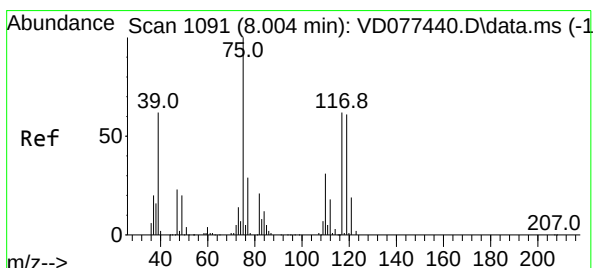
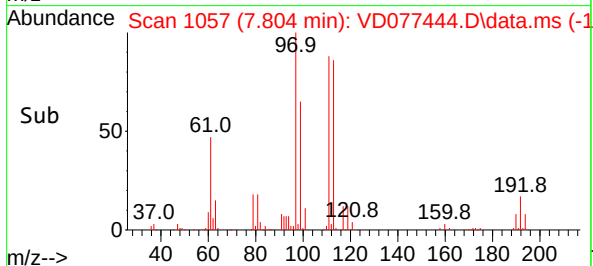
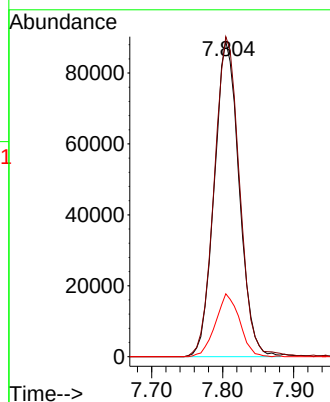
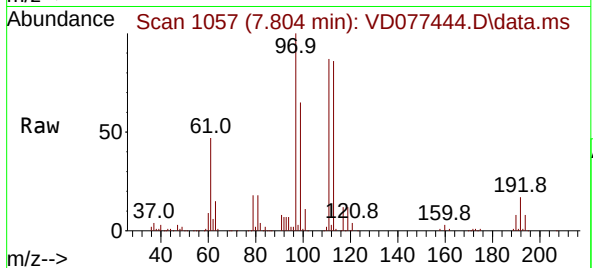
192 19.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 50.843 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

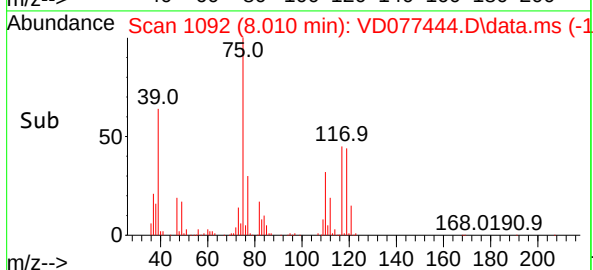
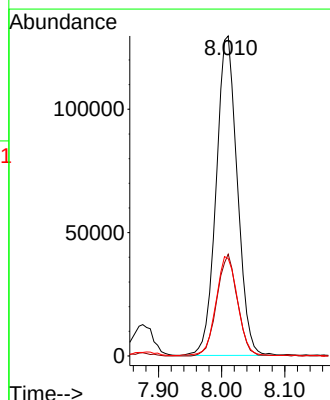
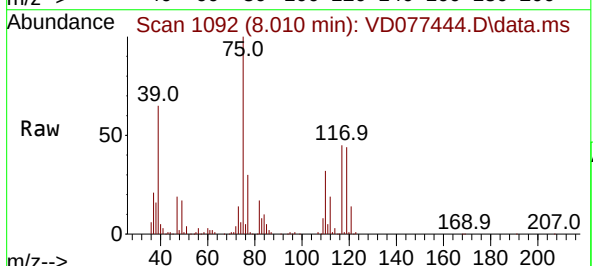
Tgt Ion: 75 Resp: 301231

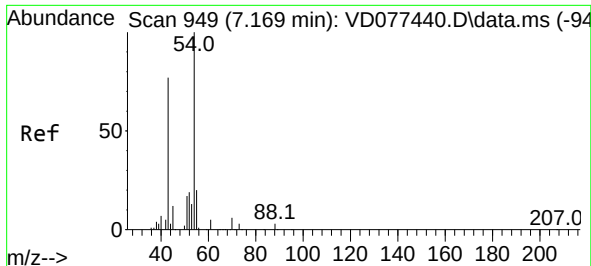
Ion Ratio Lower Upper

75 100

110 31.1 19.9 59.6

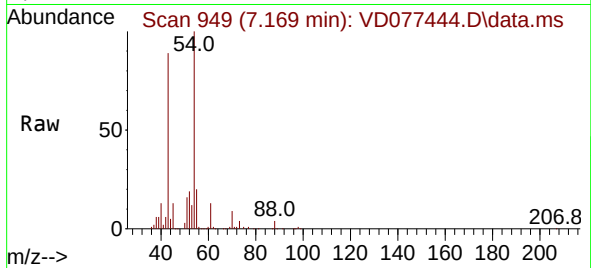
77 31.6 24.7 37.1





#37
Ethyl Acetate
Concen: 51.446 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

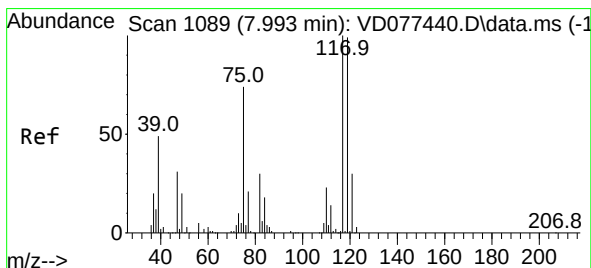
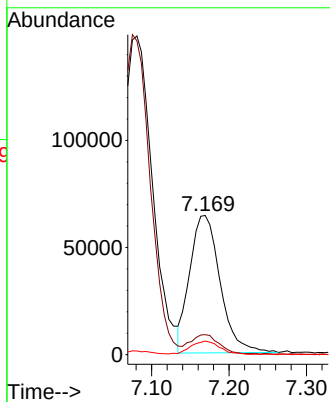
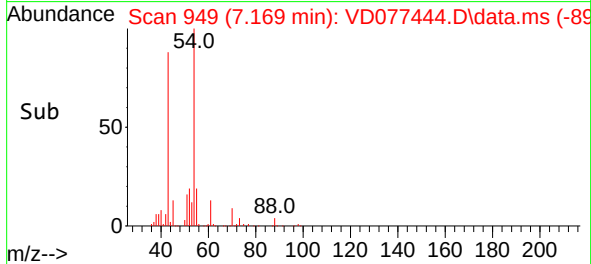
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 43 Resp: 17492
Ion Ratio Lower Upper
43 100
61 12.6 14.9 22.3
70 9.2 10.0 15.0

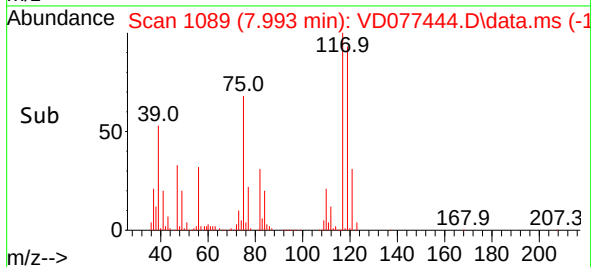
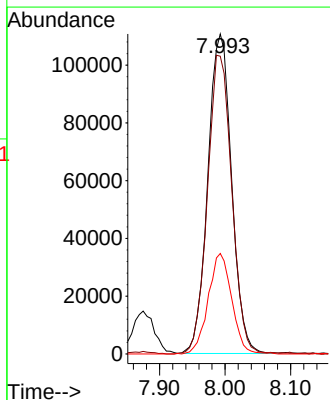
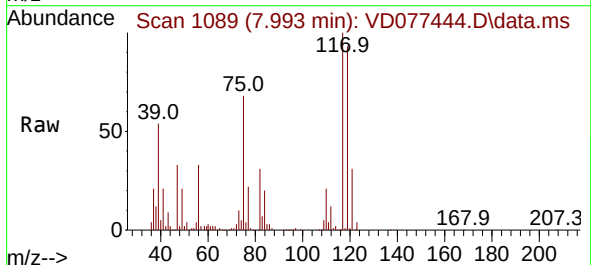
Manual Integrations
APPROVED

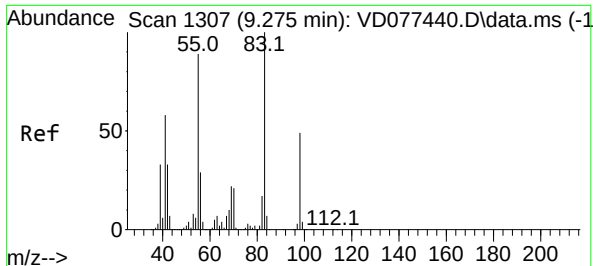
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 49.925 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:117 Resp: 278730
Ion Ratio Lower Upper
117 100
119 92.9 78.0 117.0
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 51.712 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

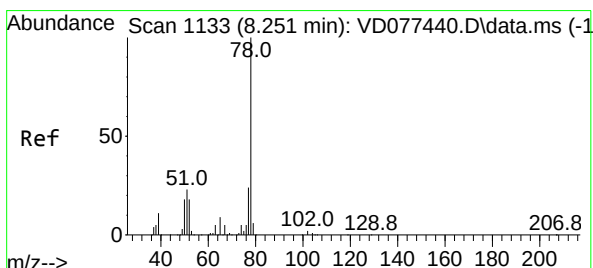
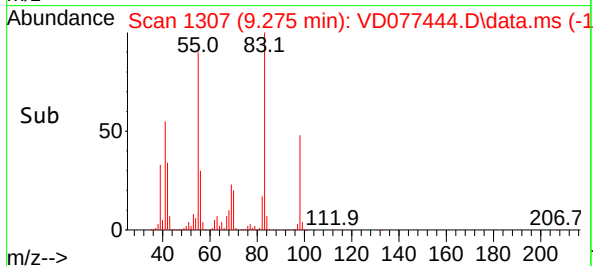
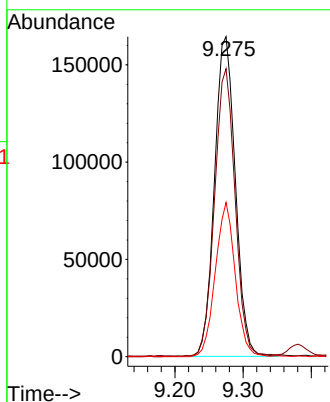
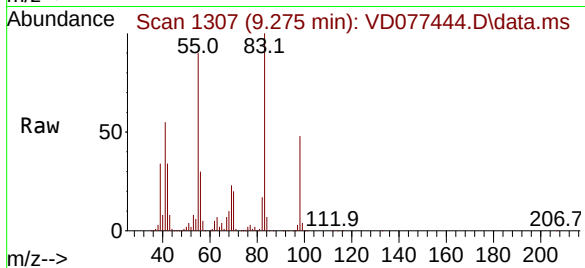
Tgt Ion: 83 Resp: 349572
 Ion Ratio Lower Upper
 83 100
 55 89.9 49.4 74.0
 98 48.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 52.575 ug/l

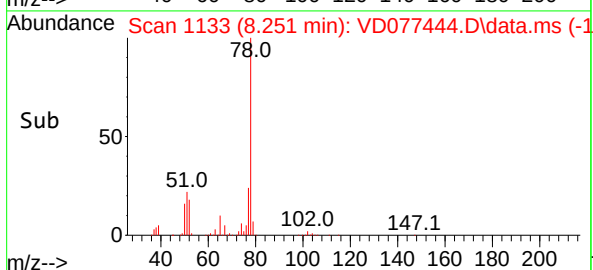
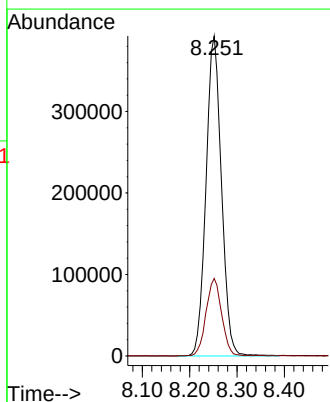
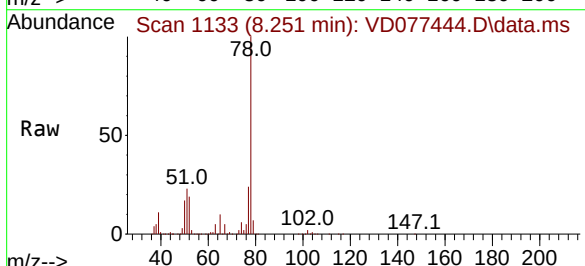
RT: 8.251 min Scan# 1133

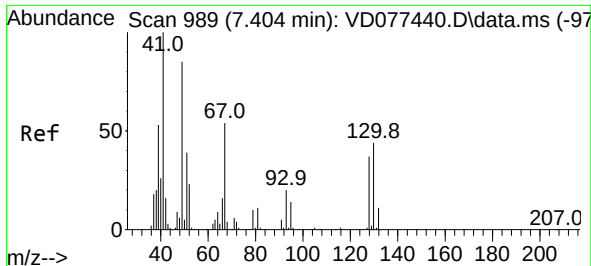
Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

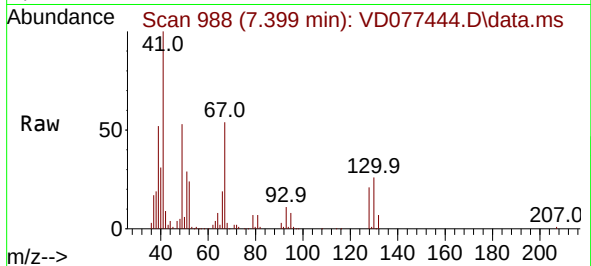
Tgt Ion: 78 Resp: 888221
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 51.026 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

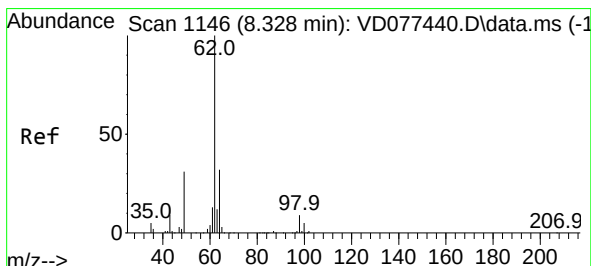
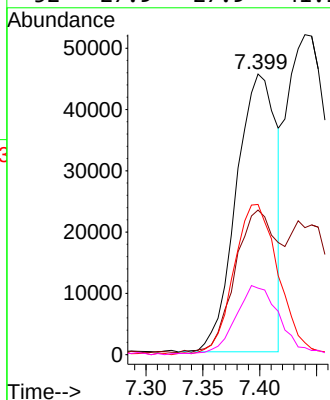
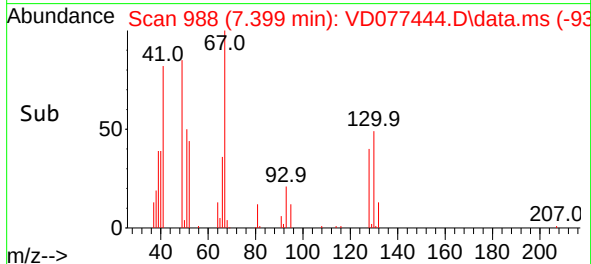
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 41 Resp: 11101
Ion Ratio Lower Upper
41 100
39 57.2 34.0 51.0
67 61.6 77.0 115.4
52 27.9 27.9 41.9

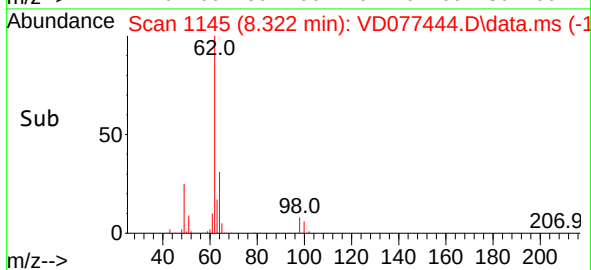
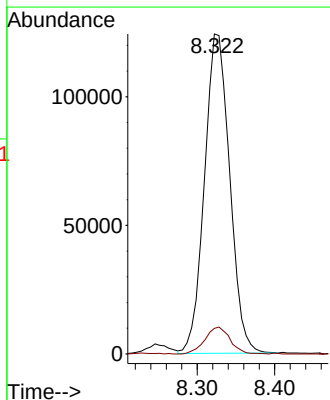
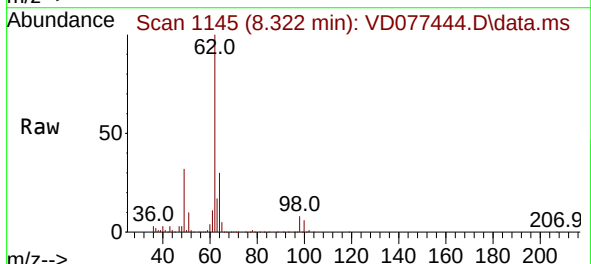
Manual Integrations
APPROVED

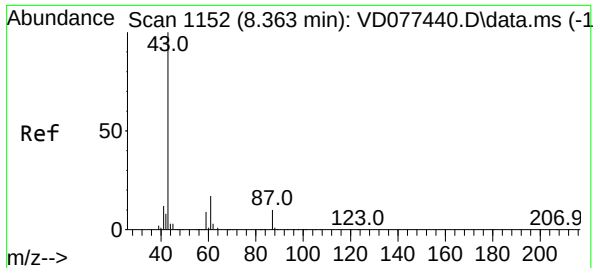
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 52.616 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

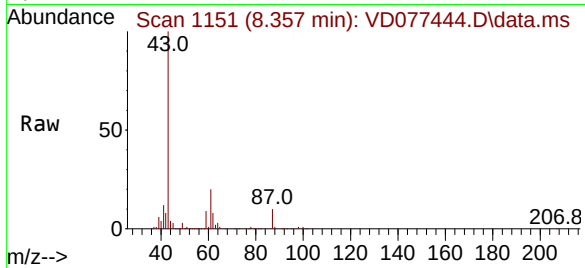
Tgt Ion: 62 Resp: 281545
Ion Ratio Lower Upper
62 100
98 8.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 52.060 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

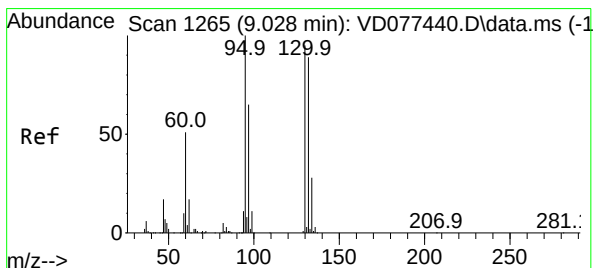
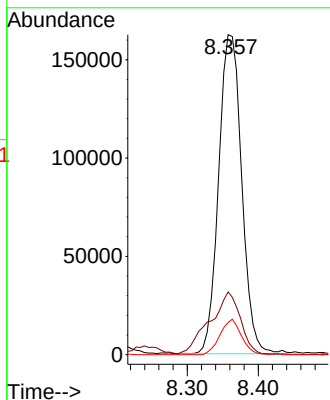
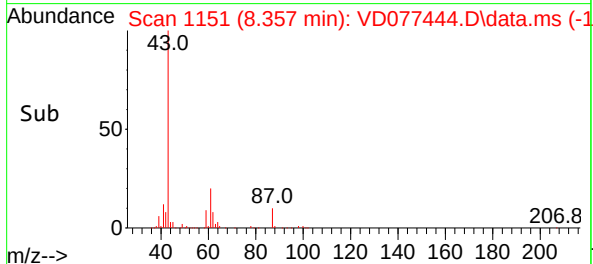
Instrument : MSVOA_D
ClientSampleId : ICVVD103023



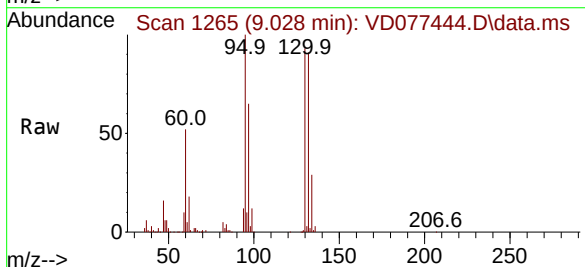
Tgt Ion: 43 Resp: 365285
Ion Ratio Lower Upper
43 100
61 25.8 31.4 47.0
87 10.3 14.9 22.3

Manual Integrations
APPROVED

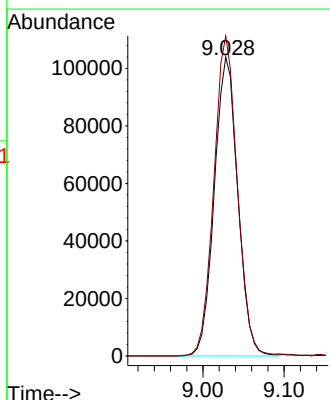
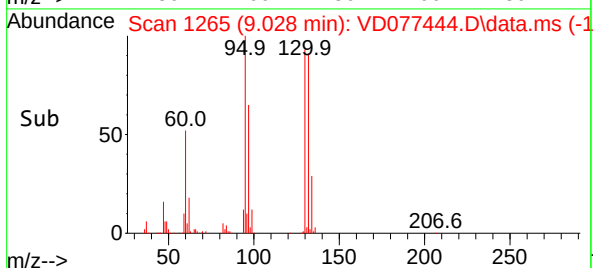
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

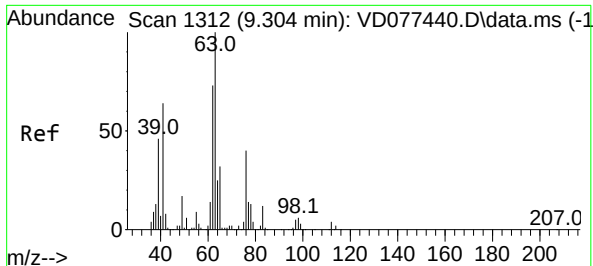


#44
Trichloroethene
Concen: 50.479 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion:130 Resp: 208898
Ion Ratio Lower Upper
130 100
95 107.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.659 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion: 63 Resp: 256944

Ion Ratio Lower Upper

63 100

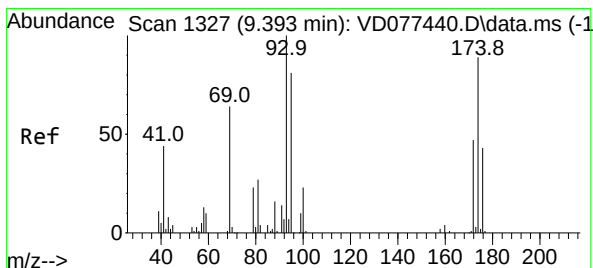
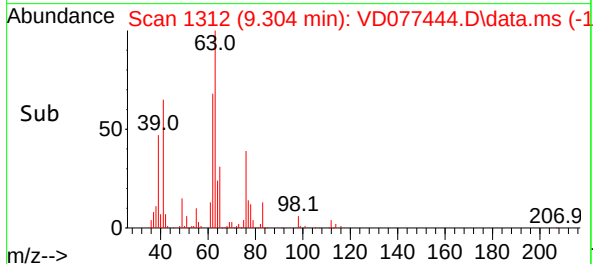
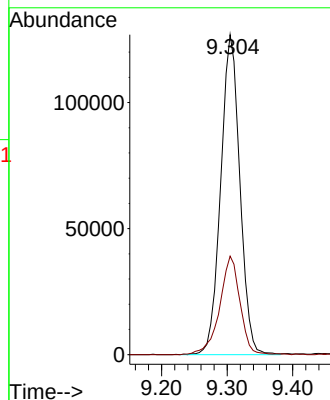
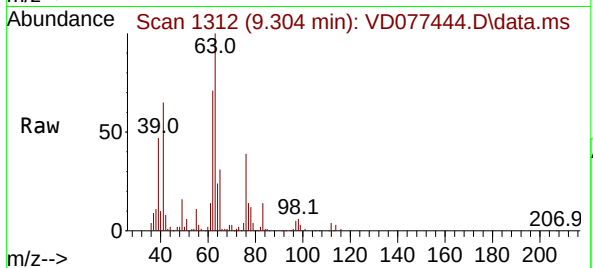
65 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 51.065 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

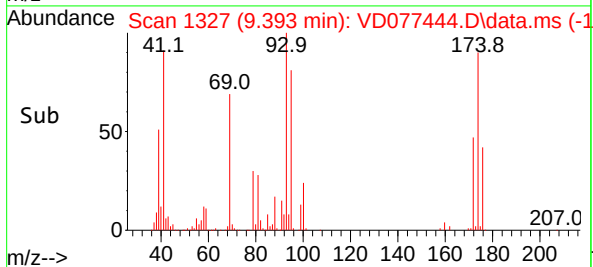
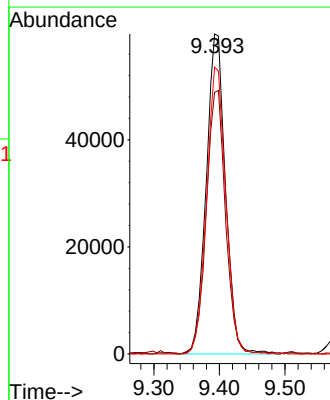
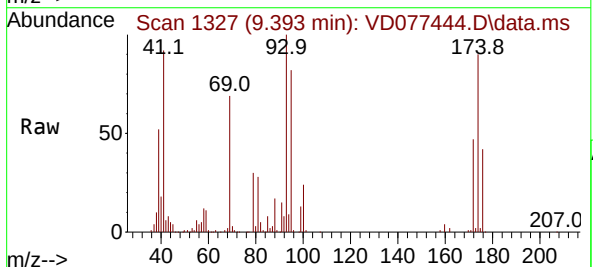
Tgt Ion: 93 Resp: 122229

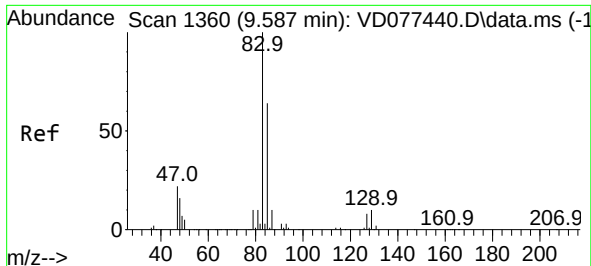
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

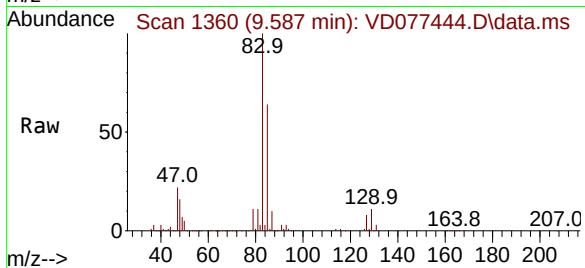
174 89.3 85.4 128.2





#47
Bromodichloromethane
Concen: 51.153 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

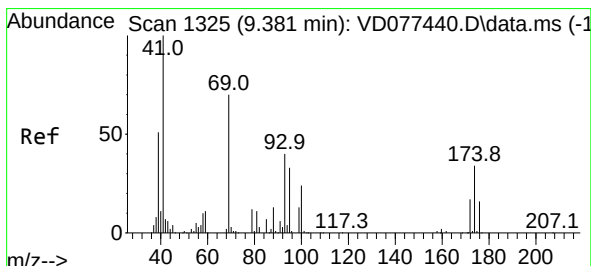
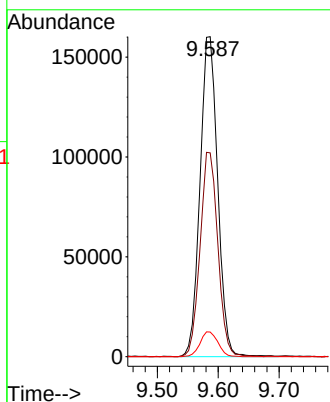
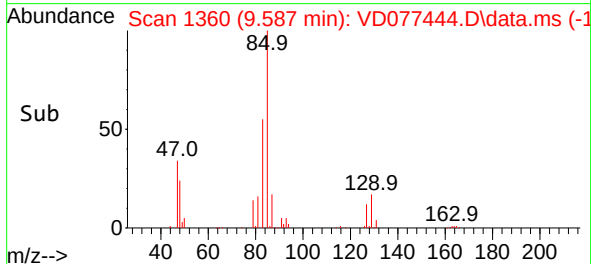
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 83 Resp: 323625
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 7.7 6.3 9.5

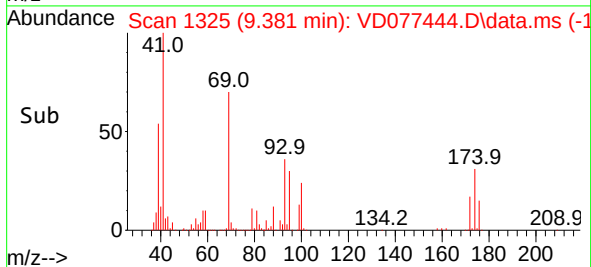
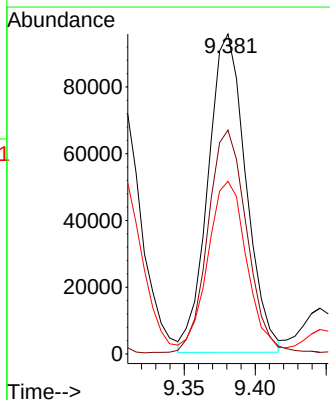
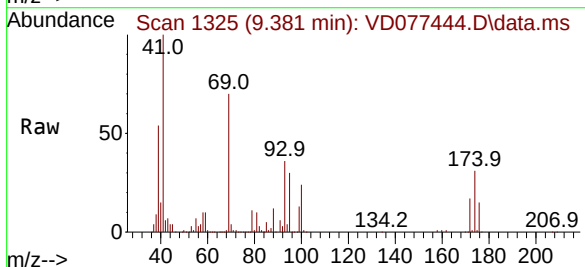
Manual Integrations
APPROVED

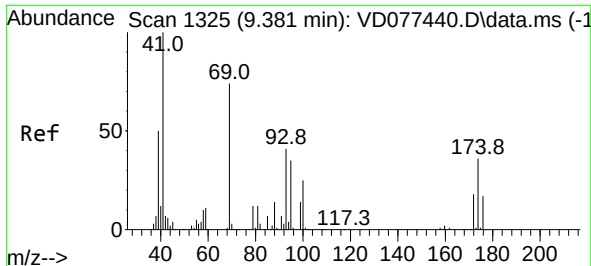
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 52.854 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

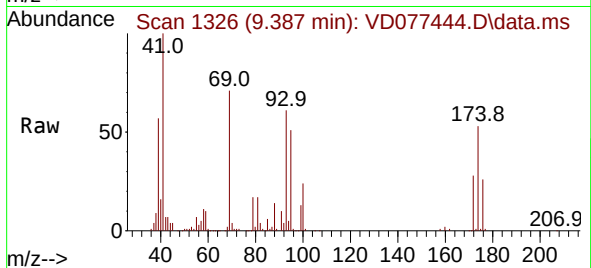
Tgt Ion: 41 Resp: 177025
Ion Ratio Lower Upper
41 100
69 72.2 102.2 153.2#
39 52.1 41.4 62.2





#49
1,4-Dioxane
Concen: 1032.187 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

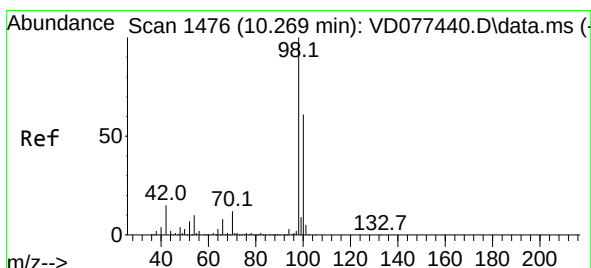
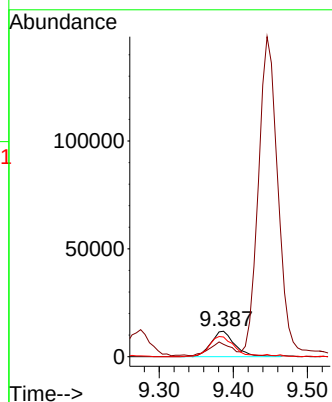
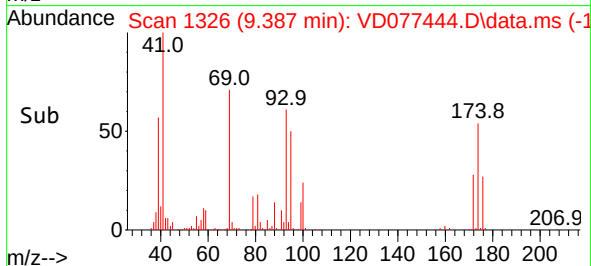
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 88 Resp: 26548
Ion Ratio Lower Upper
88 100
43 46.8 19.0 28.6
58 81.8 43.5 65.3

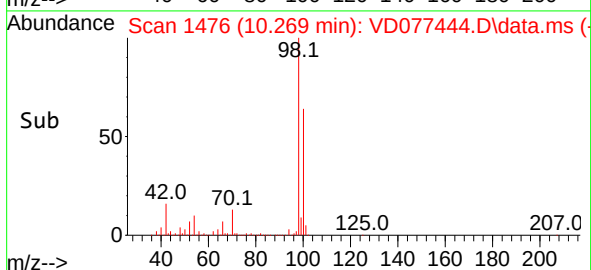
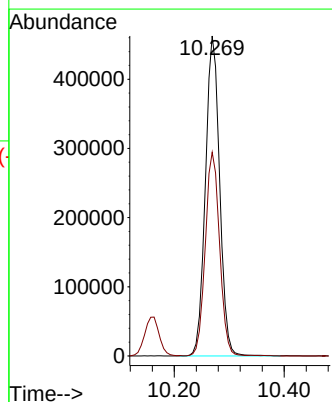
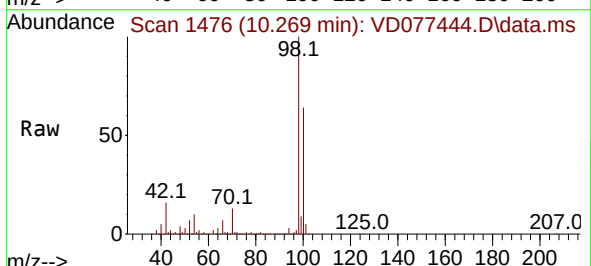
Manual Integrations
APPROVED

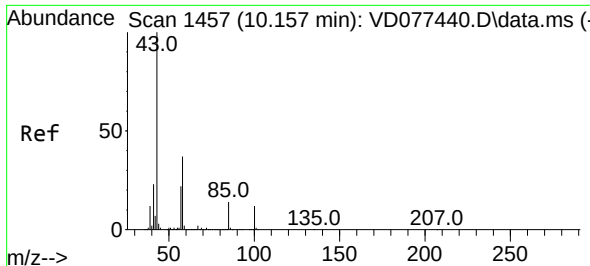
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 53.548 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

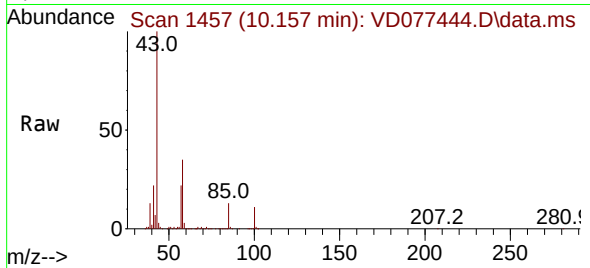
Tgt Ion: 98 Resp: 831140
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 262.537 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

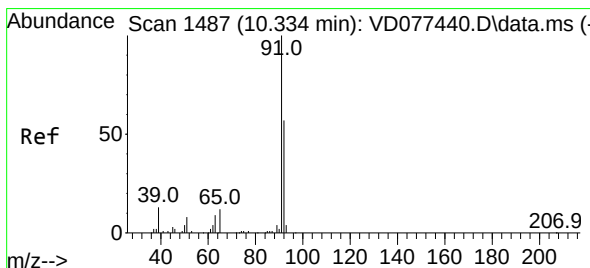
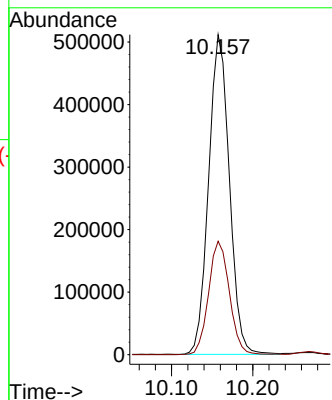
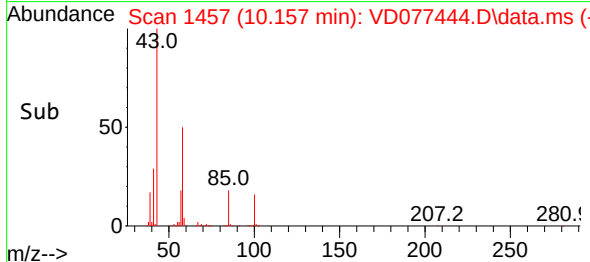
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



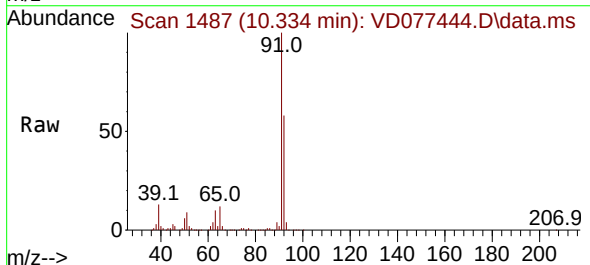
Tgt Ion: 43 Resp: 906712
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3

Manual Integrations
APPROVED

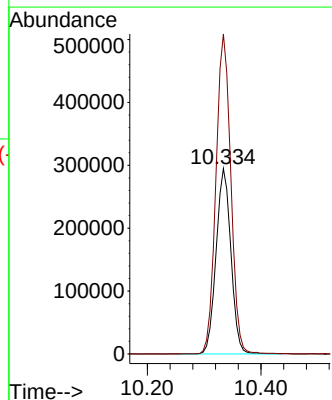
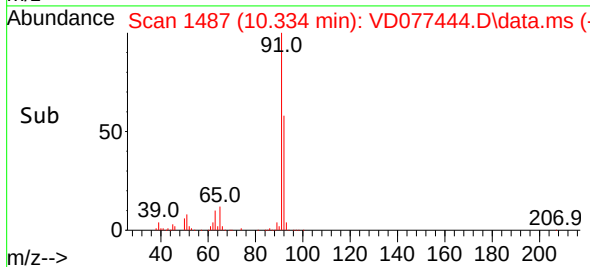
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

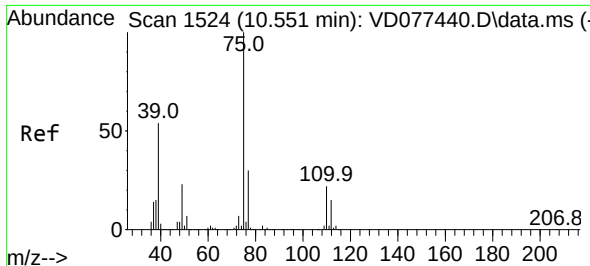


#52
Toluene
Concen: 51.687 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



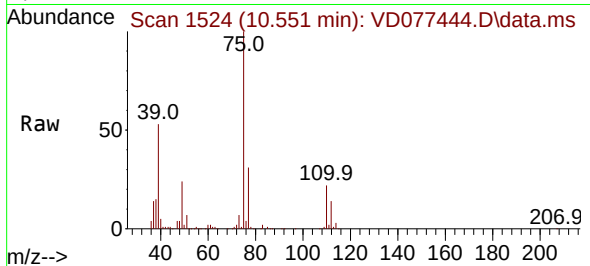
Tgt Ion: 92 Resp: 532334
Ion Ratio Lower Upper
92 100
91 173.1 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 52.489 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

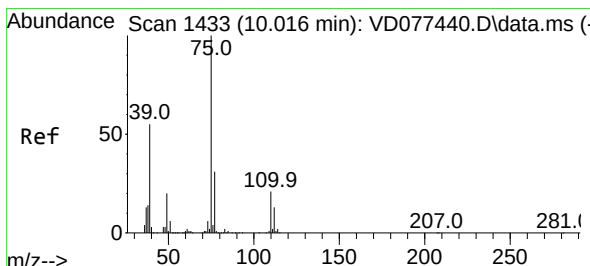
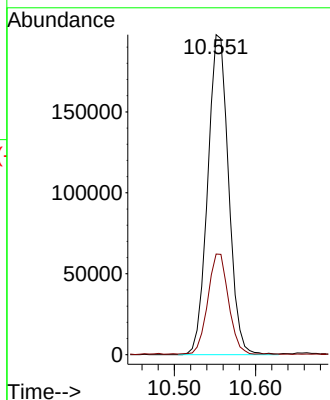
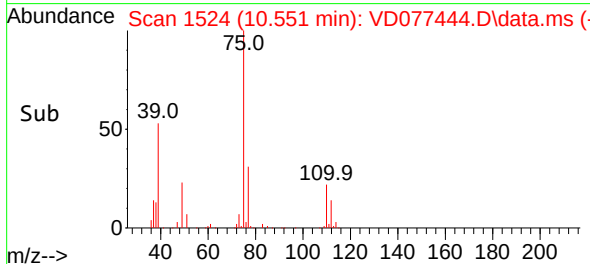
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD103023



Tgt Ion: 75 Resp: 351633
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9

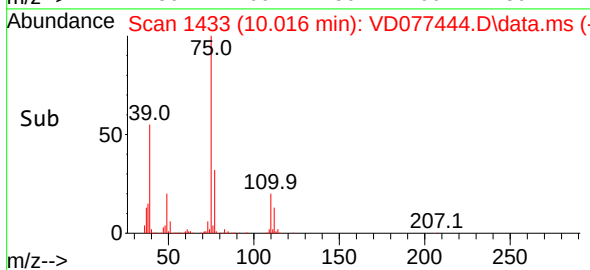
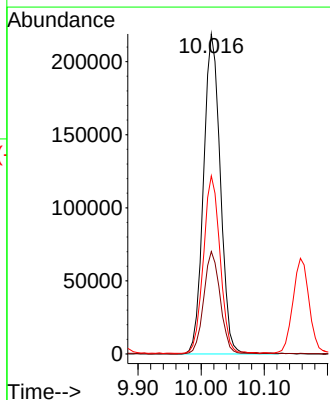
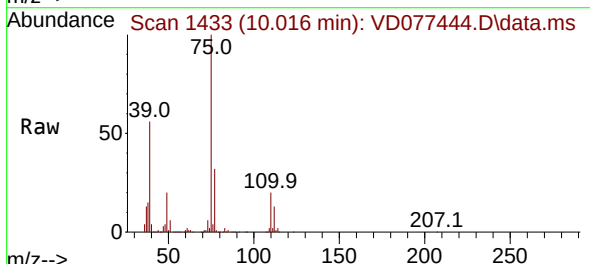
Manual Integrations
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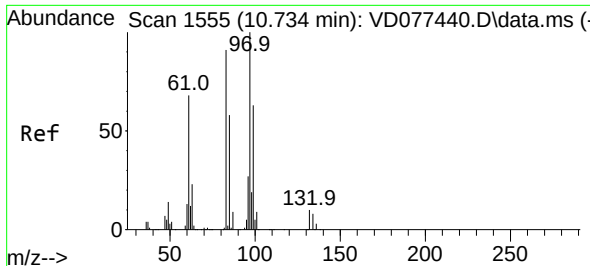
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 52.376 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

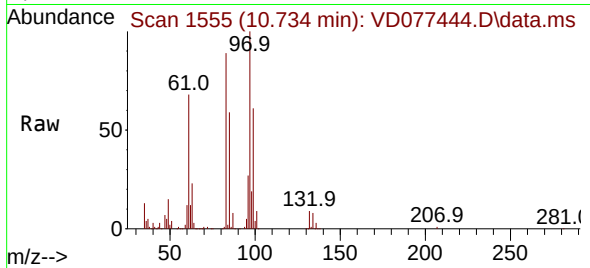
Tgt Ion: 75 Resp: 403779
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 55.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 51.359 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

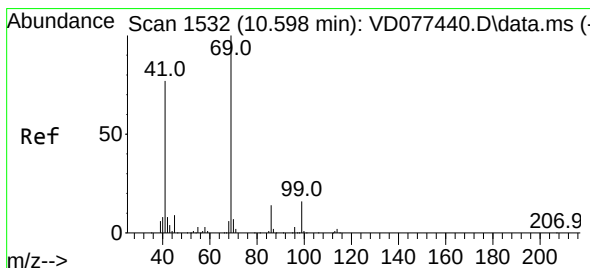
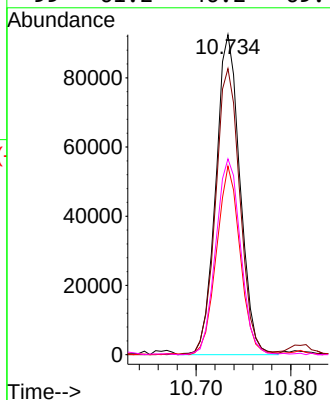
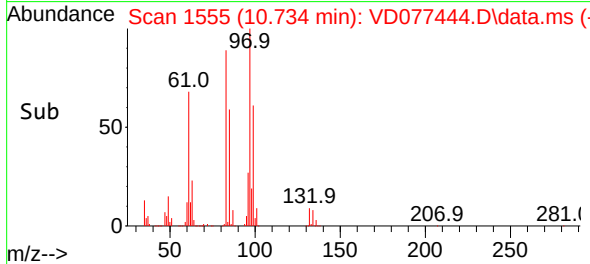
Instrument : MSVOA_D
ClientSampleId : ICVVD103023



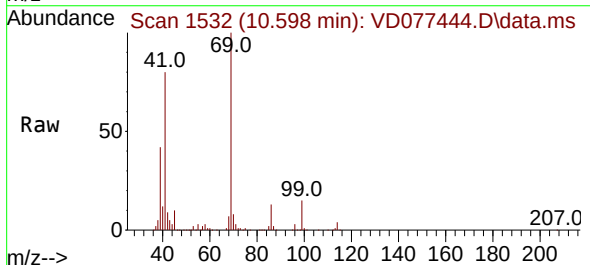
Tgt Ion: 97 Resp: 164015
Ion Ratio Lower Upper
97 100
83 89.4 65.8 98.6
85 58.6 45.7 68.5
99 61.2 46.2 69.4

Manual Integrations
APPROVED

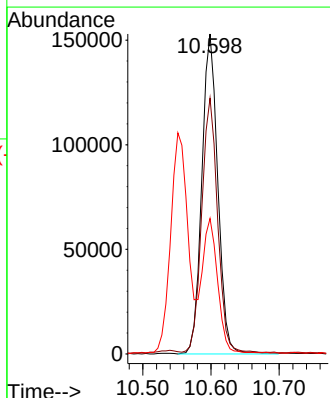
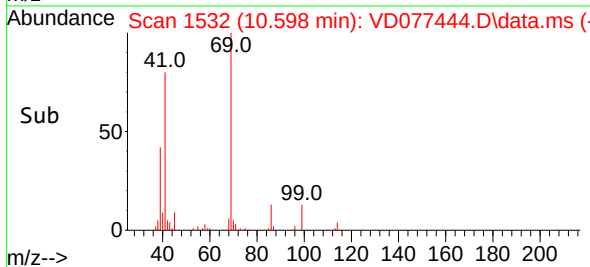
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

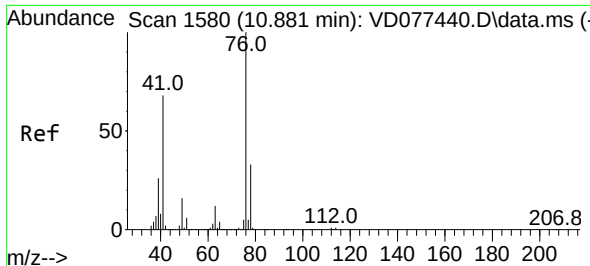


#56
Ethyl methacrylate
Concen: 52.729 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion: 69 Resp: 250365
Ion Ratio Lower Upper
69 100
41 78.5 39.1 58.7#
39 41.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 51.999 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

Tgt Ion: 76 Resp: 31038

Ion Ratio Lower Upper

76 100

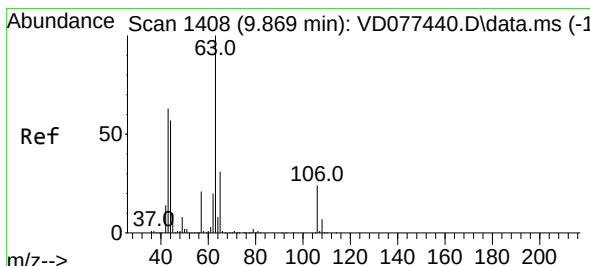
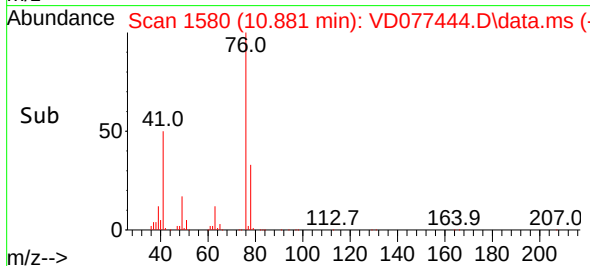
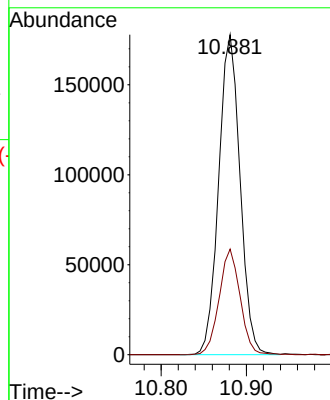
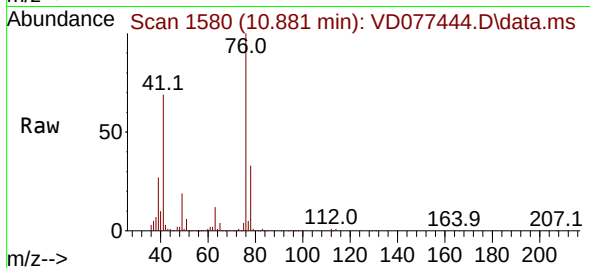
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 283.437 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077444.D

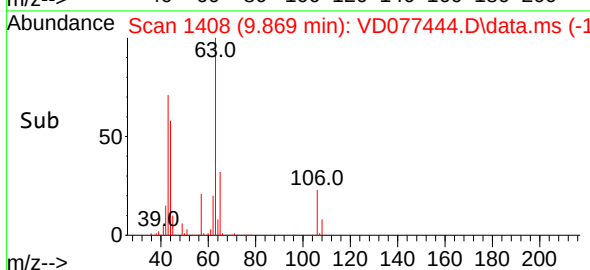
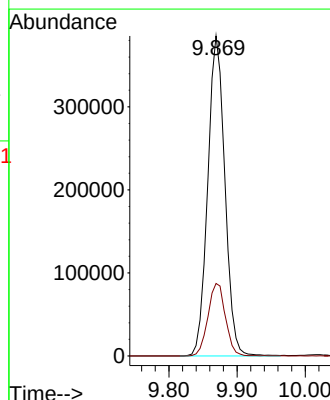
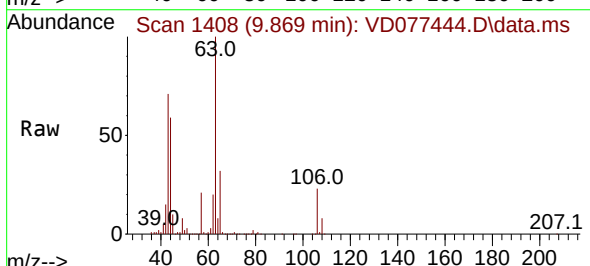
Acq: 30 Oct 2023 13:05

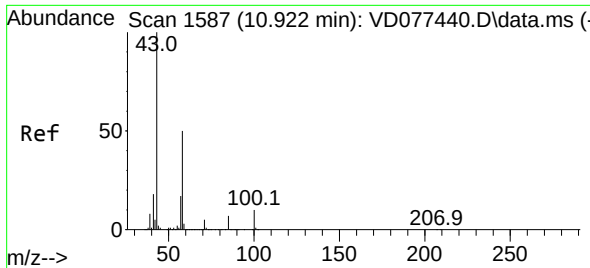
Tgt Ion: 63 Resp: 673751

Ion Ratio Lower Upper

63 100

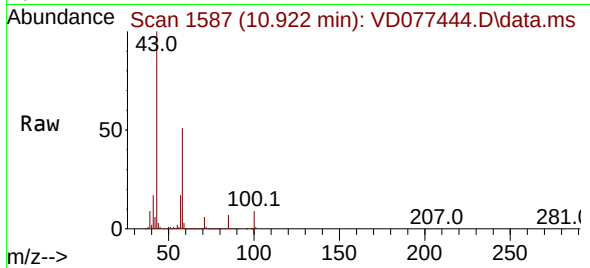
106 23.2 25.3 37.9





#59
2-Hexanone
Concen: 258.123 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

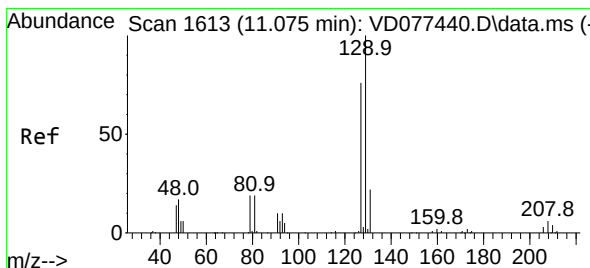
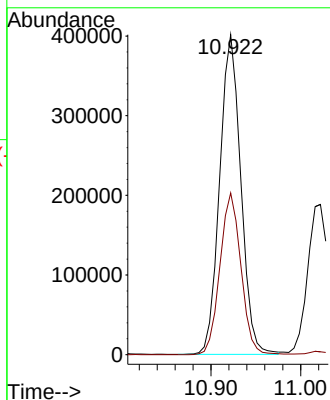
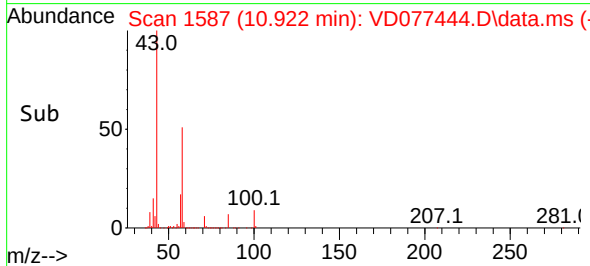
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 43 Resp: 65671
Ion Ratio Lower Upper
43 100
58 50.2 34.1 102.2

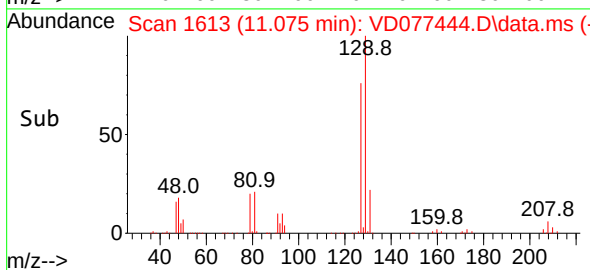
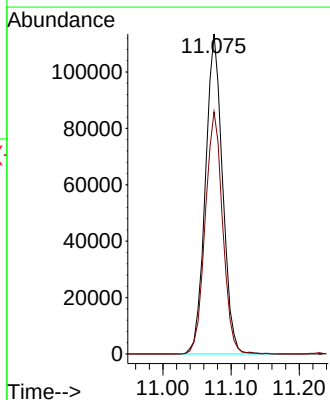
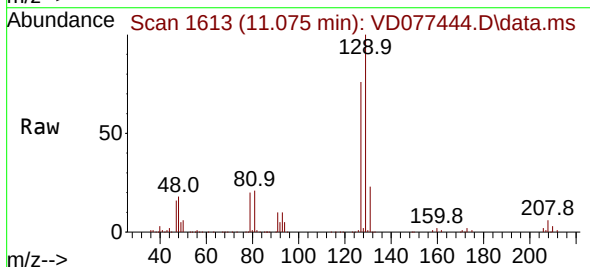
Manual Integrations
APPROVED

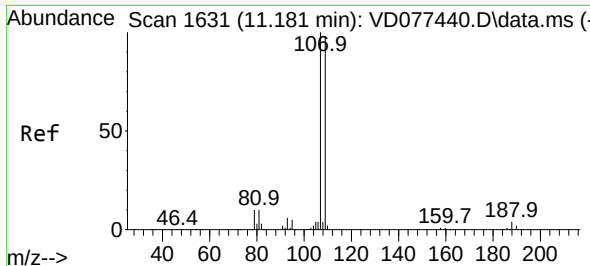
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 51.622 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

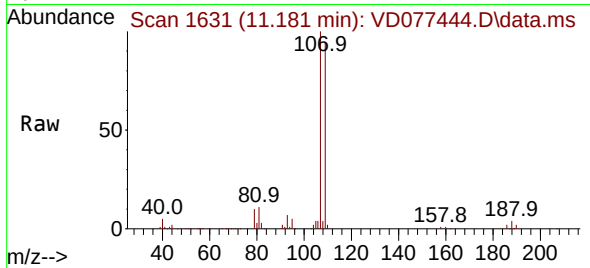
Tgt Ion:129 Resp: 198231
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 51.137 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

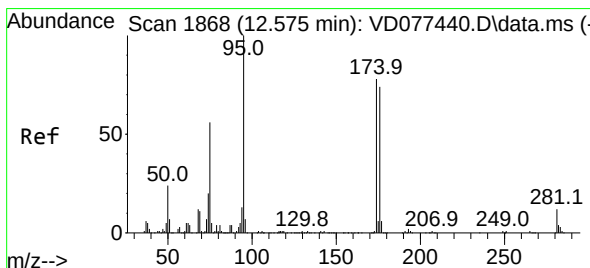
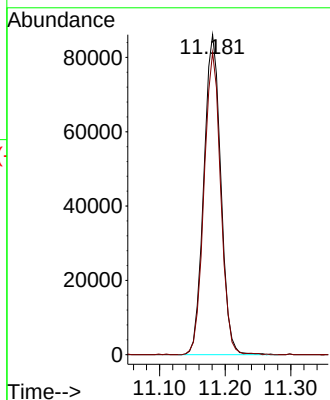
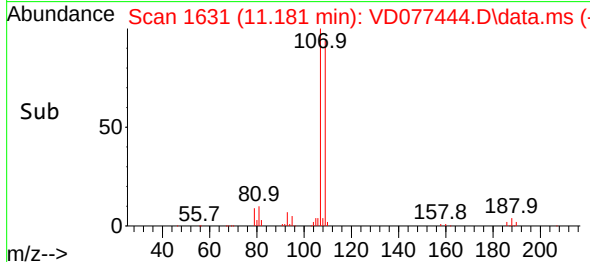
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion:107 Resp: 15465
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

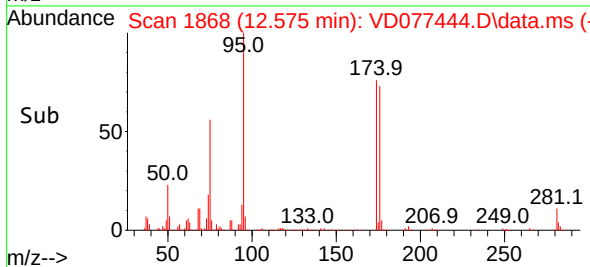
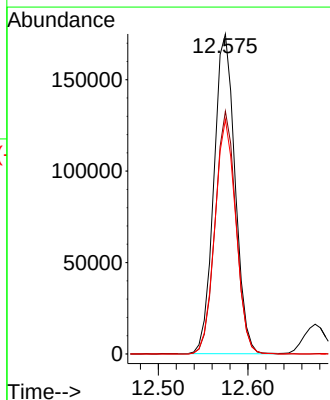
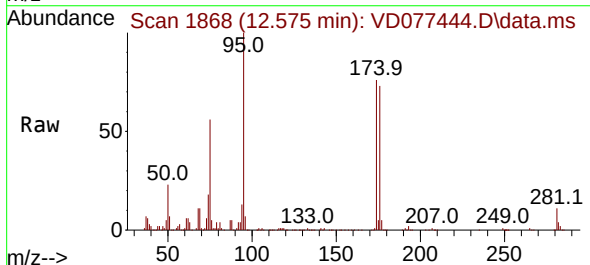
Manual Integrations
APPROVED

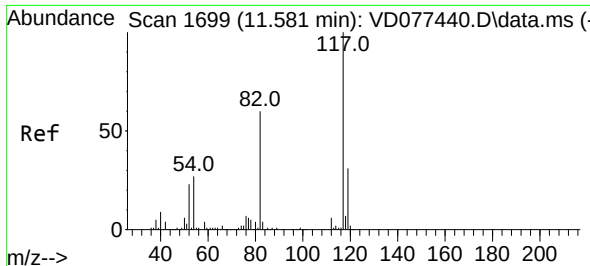
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 54.701 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

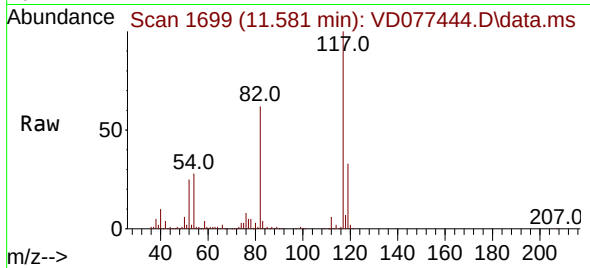
Tgt Ion: 95 Resp: 285962
Ion Ratio Lower Upper
95 100
174 74.5 0.0 201.8
176 72.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

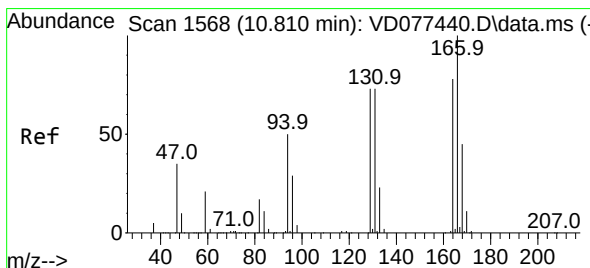
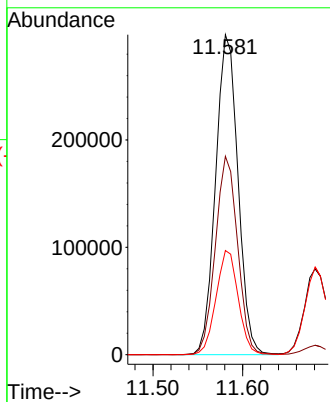
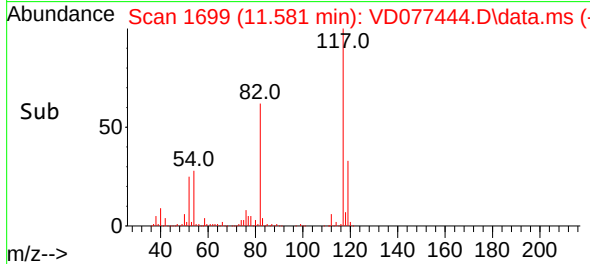
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



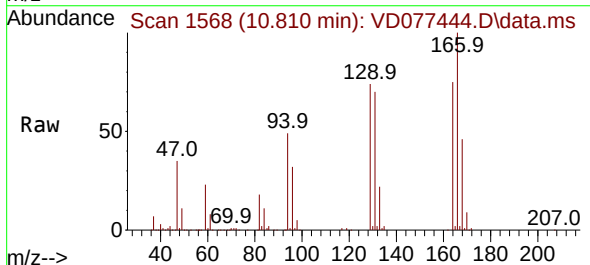
Tgt Ion:117 Resp: 51668
Ion Ratio Lower Upper
117 100
82 62.0 38.3 57.5
119 32.6 25.0 37.4

Manual Integrations
APPROVED

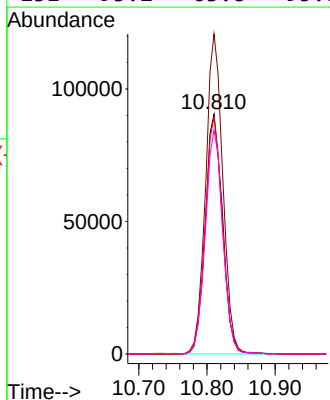
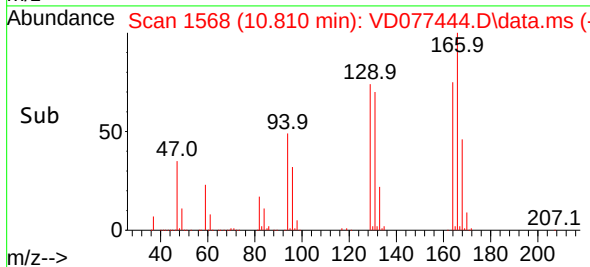
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

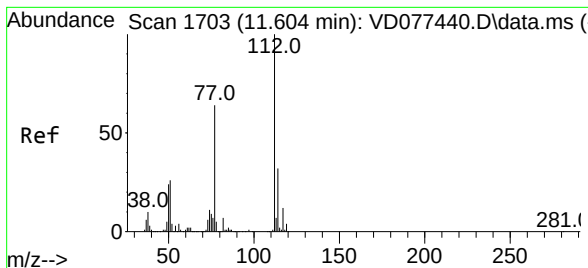


#64
Tetrachloroethene
Concen: 48.690 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



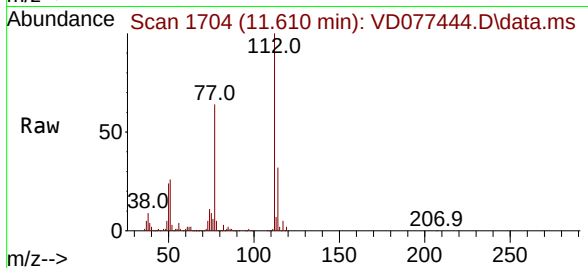
Tgt Ion:164 Resp: 160167
Ion Ratio Lower Upper
164 100
166 133.4 99.2 148.8
129 98.5 68.4 102.6
131 93.2 63.8 95.8





#65
Chlorobenzene
Concen: 51.056 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

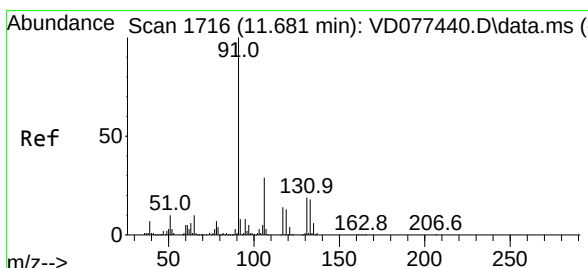
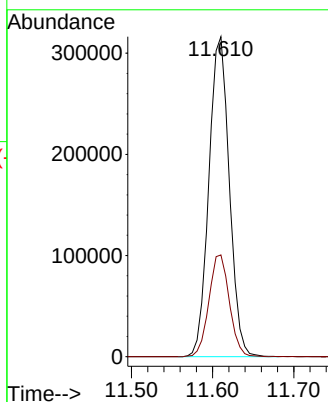
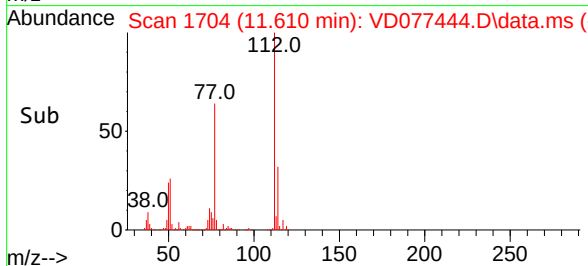
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion:112 Resp: 55265
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

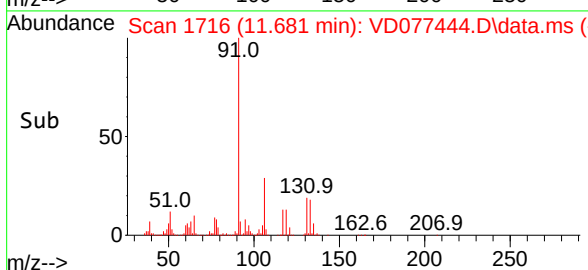
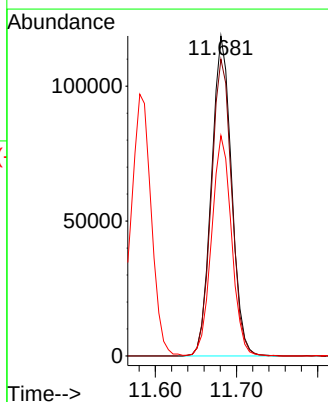
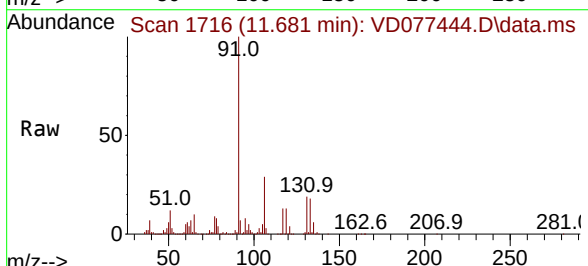
Manual Integrations
APPROVED

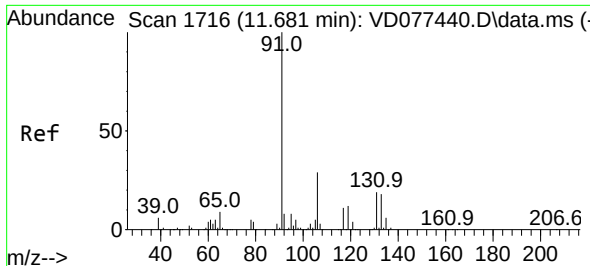
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.797 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

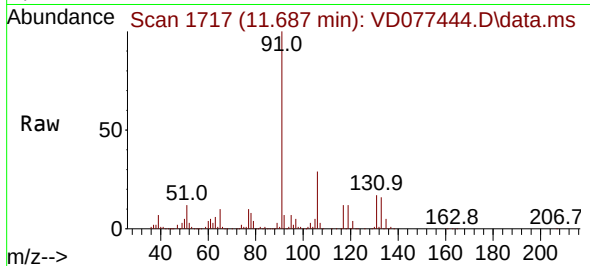
Tgt Ion:131 Resp: 203696
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.5
119 68.5 35.6 106.9





#67
Ethyl Benzene
Concen: 50.591 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

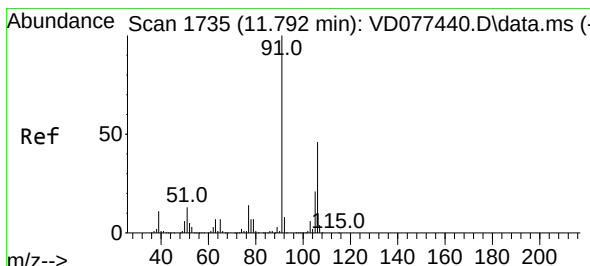
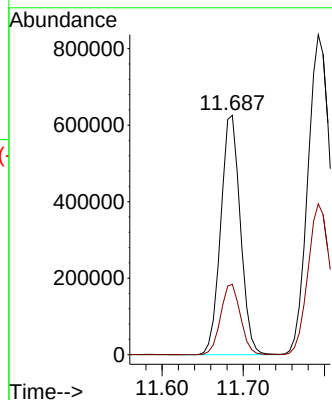
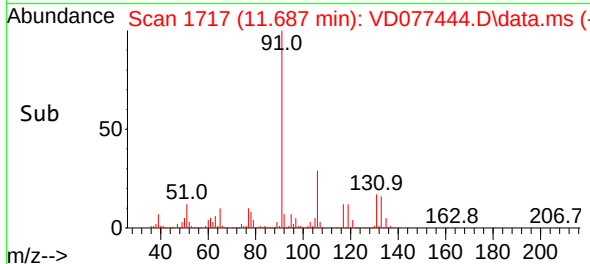
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion: 91 Resp: 105368
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7

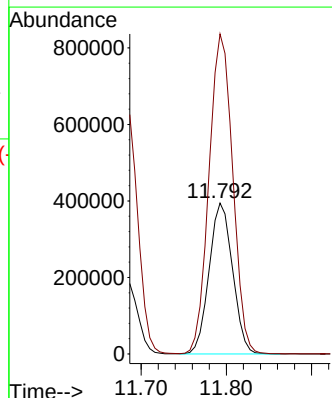
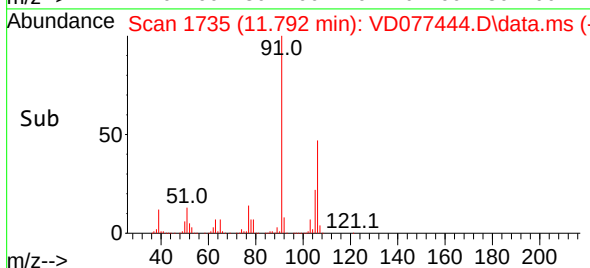
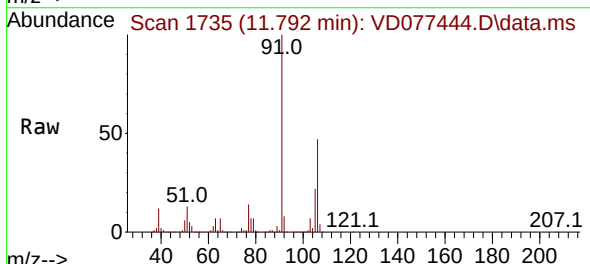
Manual Integrations
APPROVED

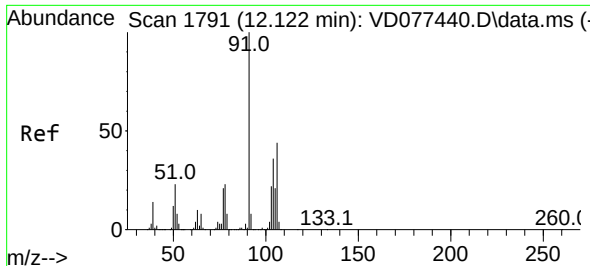
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 100.490 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

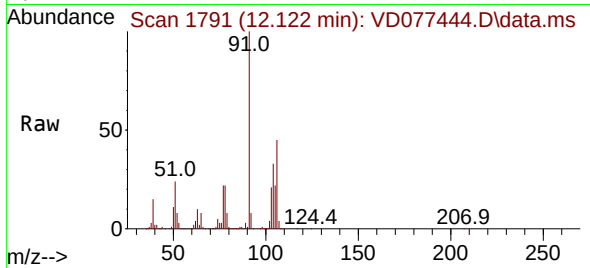
Tgt Ion:106 Resp: 755788
Ion Ratio Lower Upper
106 100
91 214.6 147.0 220.6





#69
o-Xylene
Concen: 50.879 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

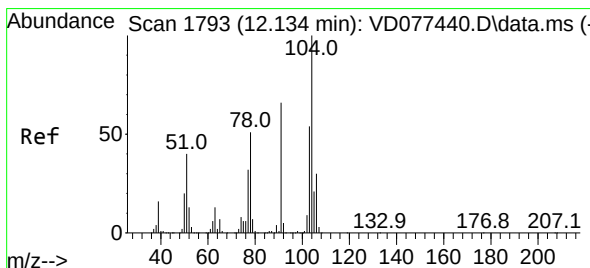
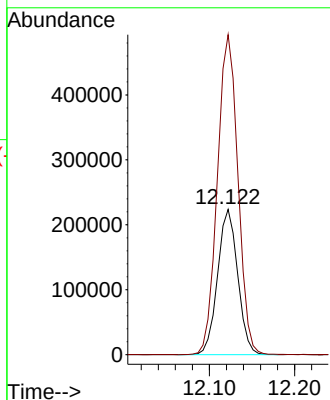
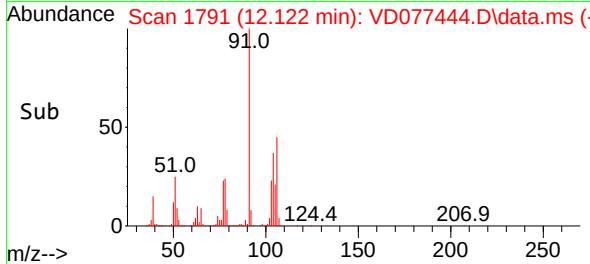
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion:106 Resp: 366534
Ion Ratio Lower Upper
106 100
91 225.6 97.9 293.6

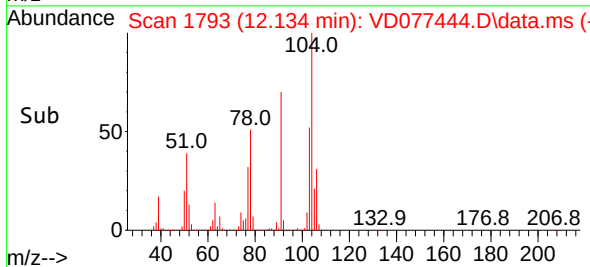
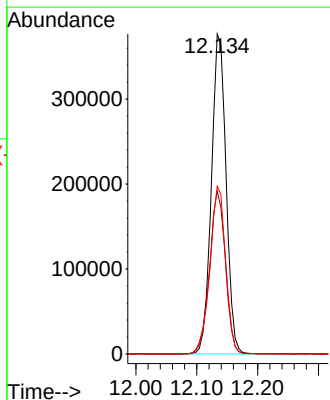
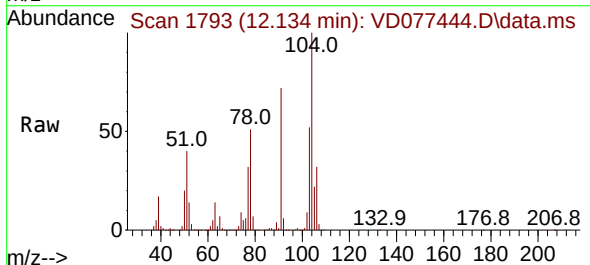
Manual Integrations
APPROVED

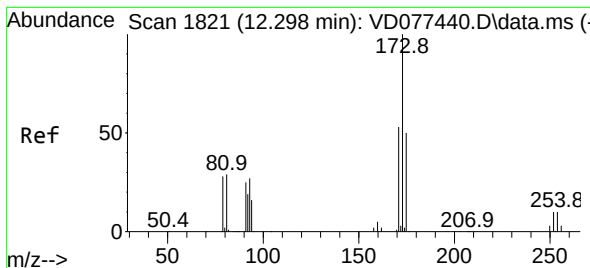
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 50.654 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

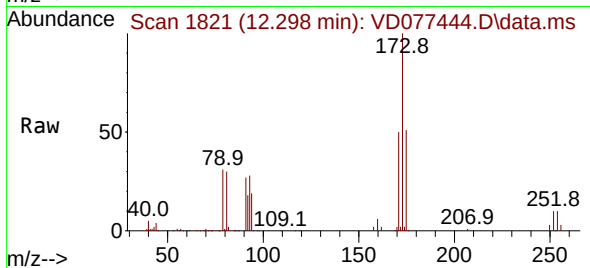
Tgt Ion:104 Resp: 629525
Ion Ratio Lower Upper
104 100
78 55.1 33.2 49.8#
103 56.0 43.6 65.4





#71
Bromoform
Concen: 49.341 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

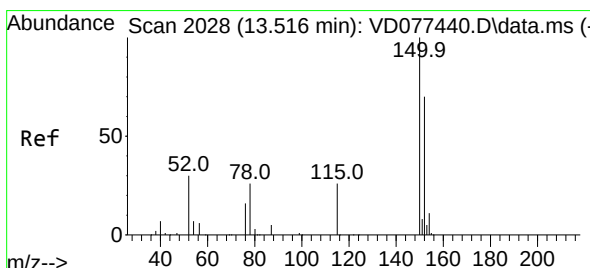
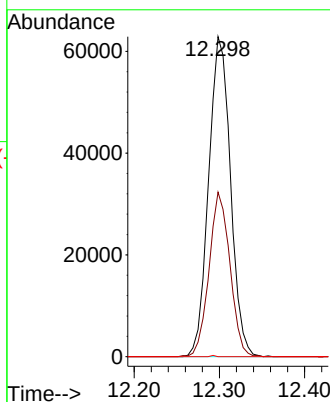
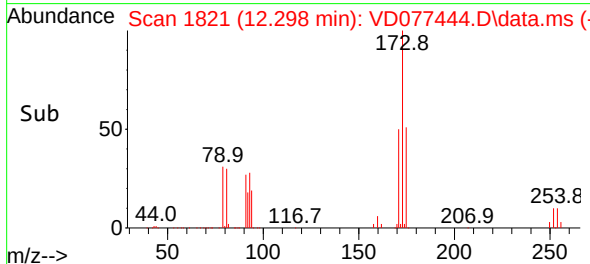
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



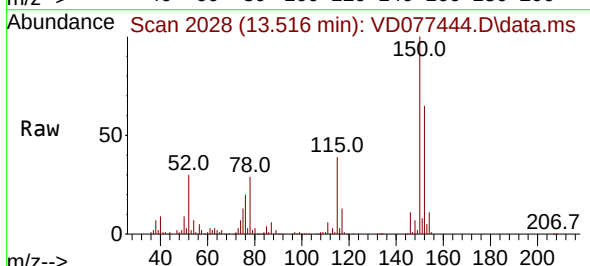
Tgt Ion:173 Resp: 111894
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

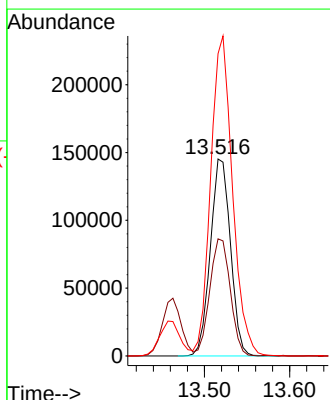
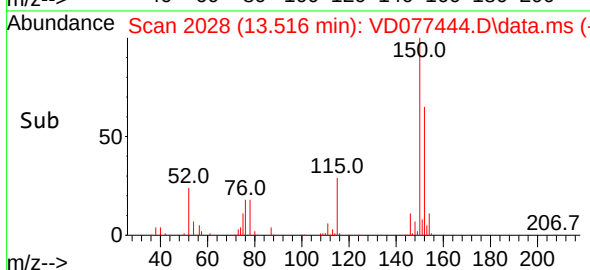
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

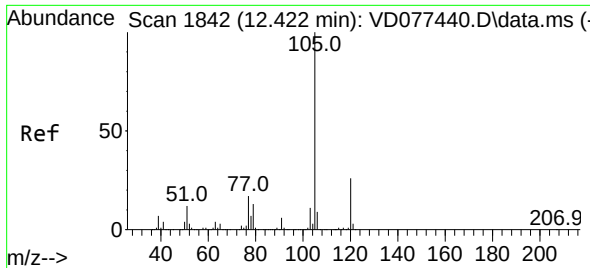


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



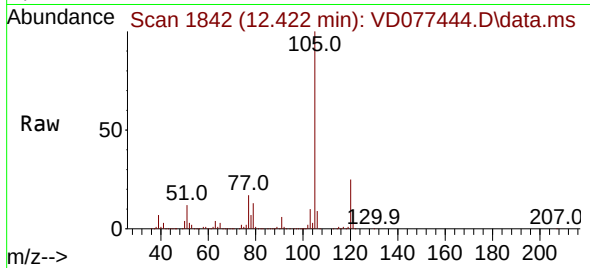
Tgt Ion:152 Resp: 238518
Ion Ratio Lower Upper
152 100
115 60.7 27.1 81.3
150 176.0 0.0 353.6





#73
Isopropylbenzene
Concen: 49.245 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

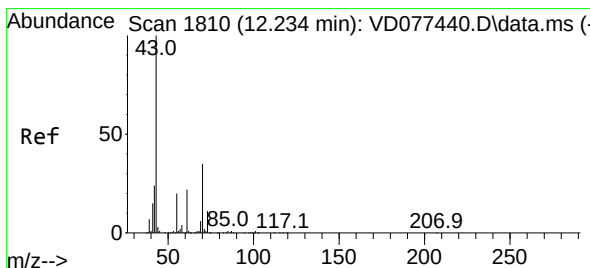
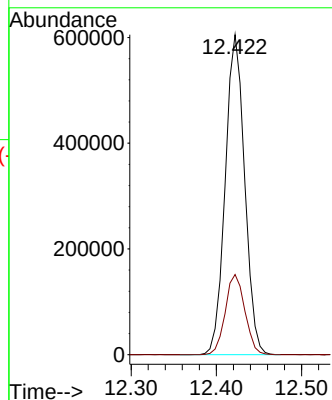
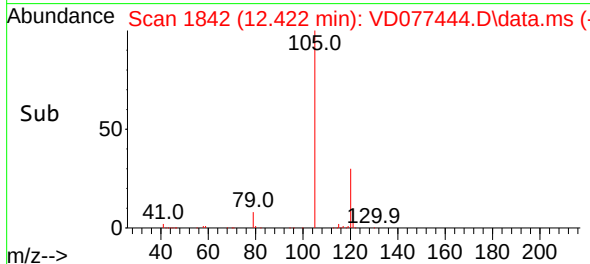
Instrument : MSVOA_D
ClientSampleId : ICVVD103023



Tgt Ion:105 Resp: 95765
Ion Ratio Lower Upper
105 100
120 25.3 14.3 42.9

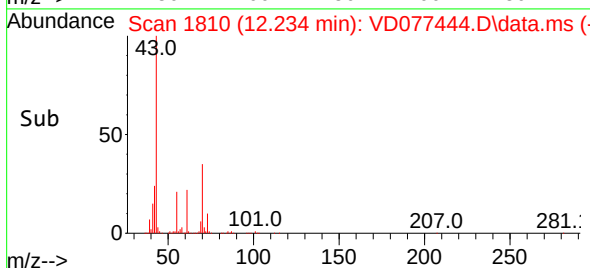
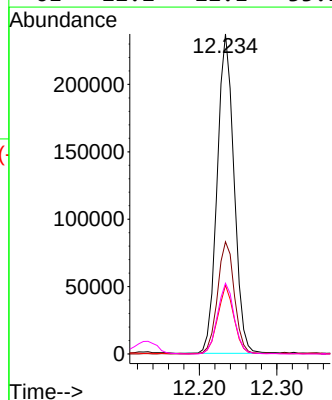
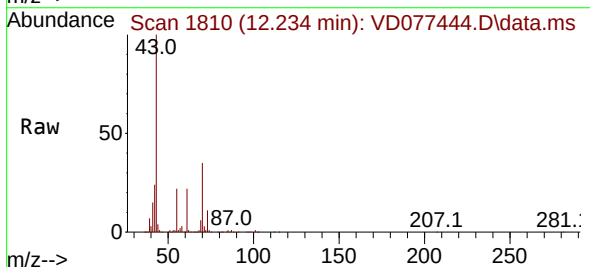
Manual Integrations
APPROVED

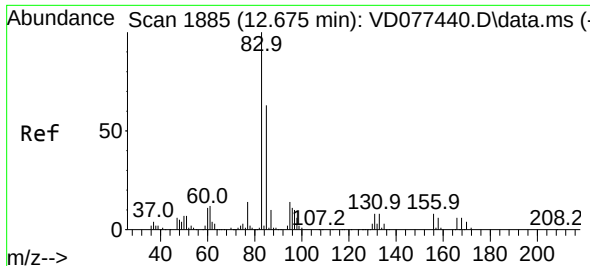
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 51.809 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

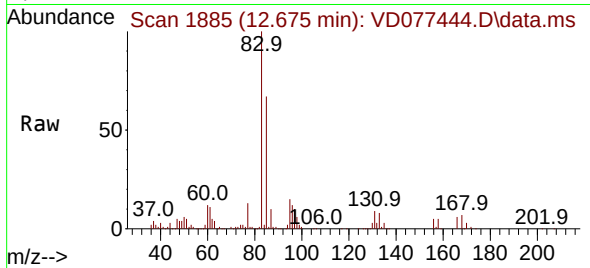
Tgt Ion: 43 Resp: 356867
Ion Ratio Lower Upper
43 100
70 35.4 45.0 67.4#
55 20.4 23.8 35.6#
61 22.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.509 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

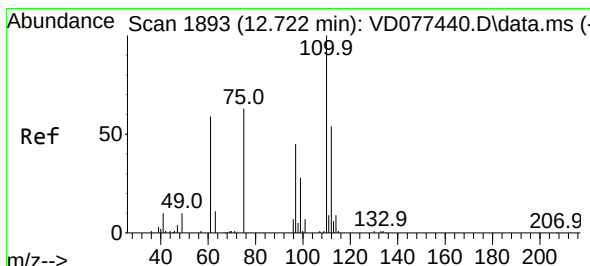
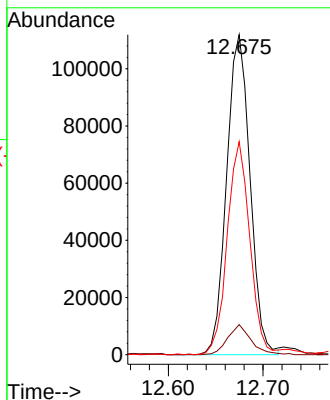
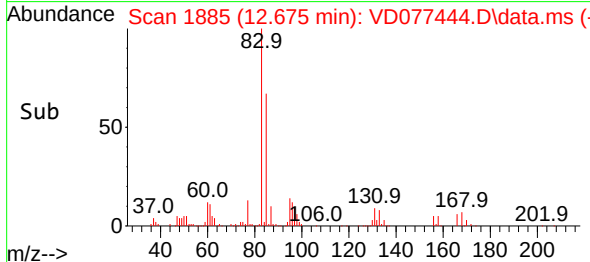
Instrument : MSVOA_D
ClientSampleId : ICVVD103023



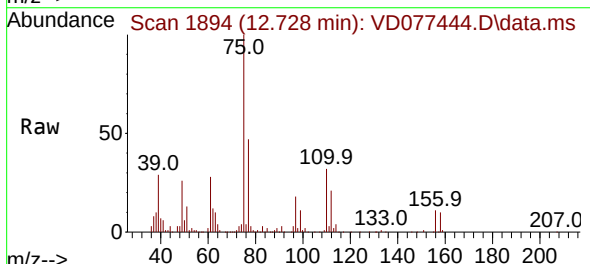
Tgt Ion: 83 Resp: 19253
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 64.2 32.6 97.8

Manual Integrations
APPROVED

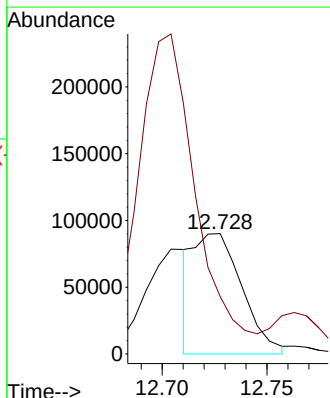
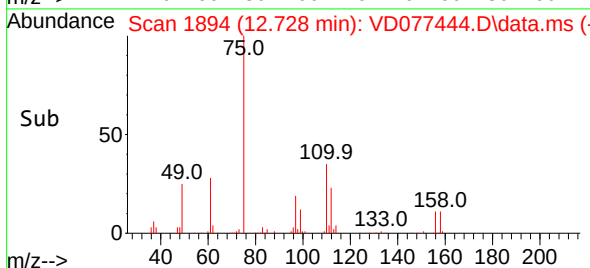
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

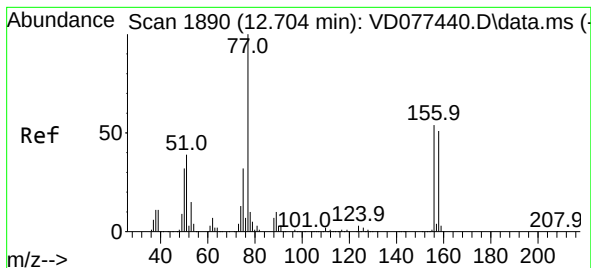


#76
1,2,3-Trichloropropane
Concen: 49.832 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion: 75 Resp: 144662
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.654 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

ICVVD103023

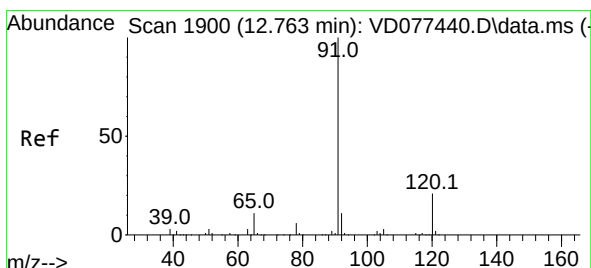
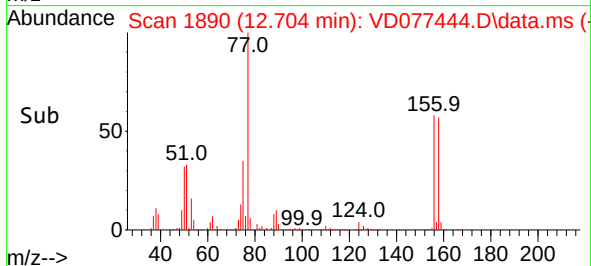
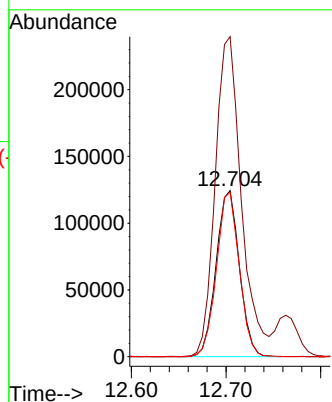
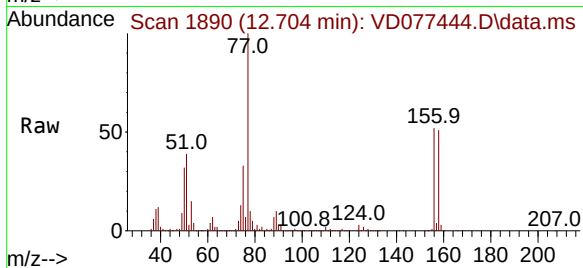
Tgt Ion:156 Resp: 212543
 Ion Ratio Lower Upper
 156 100
 77 216.6 76.8 230.4
 158 96.8 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#78

n-propylbenzene

Concen: 48.814 ug/l

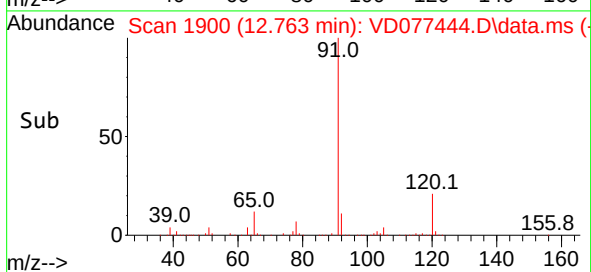
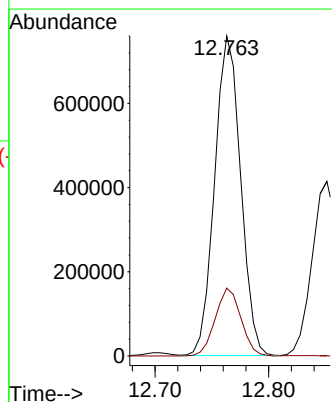
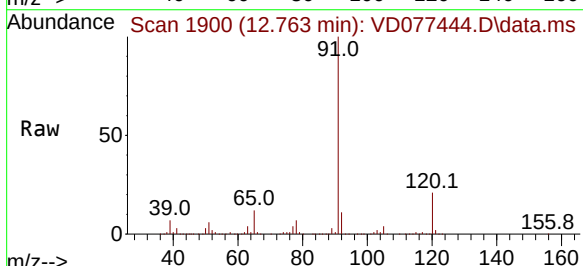
RT: 12.763 min Scan# 1900

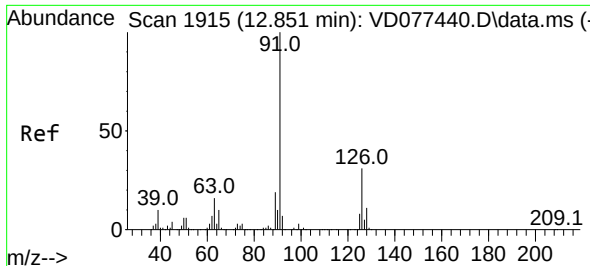
Delta R.T. 0.000 min

Lab File: VD077444.D

Acq: 30 Oct 2023 13:05

Tgt Ion: 91 Resp: 1205327
 Ion Ratio Lower Upper
 91 100
 120 20.9 12.4 37.2





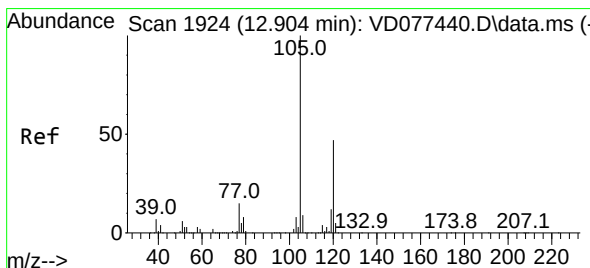
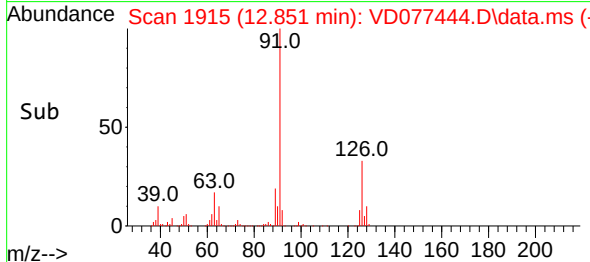
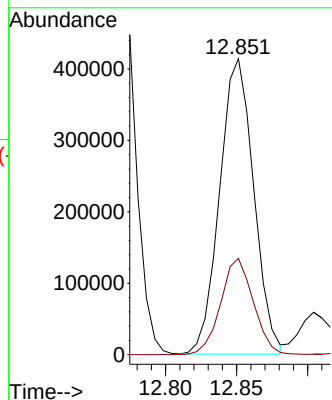
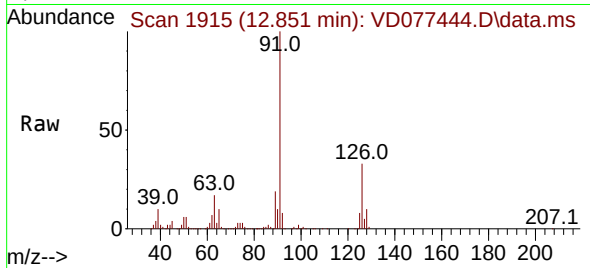
#79
2-Chlorotoluene
Concen: 49.383 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Tgt Ion: 91 Resp: 690415
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.1

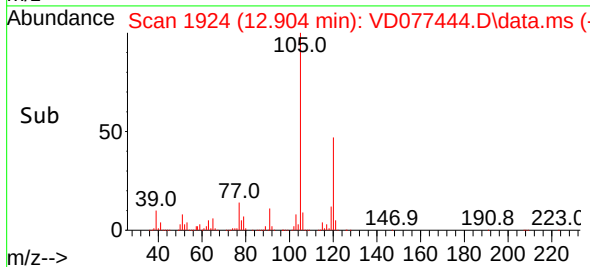
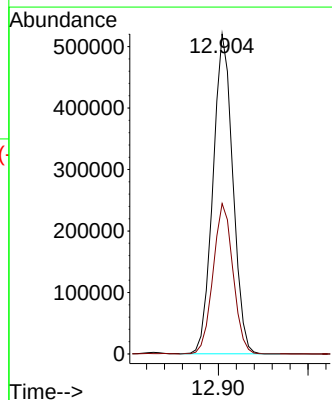
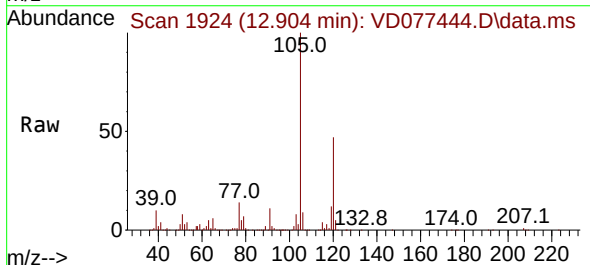
Manual Integrations
APPROVED

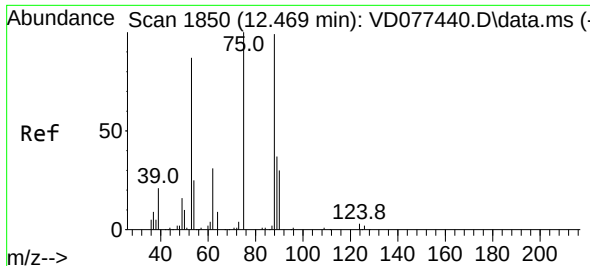
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.986 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:105 Resp: 799320
Ion Ratio Lower Upper
105 100
120 47.2 26.4 79.2





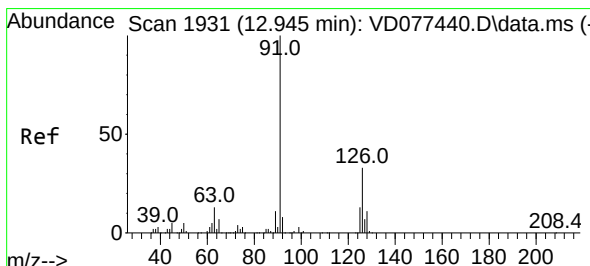
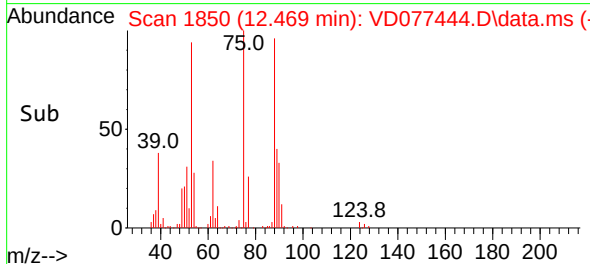
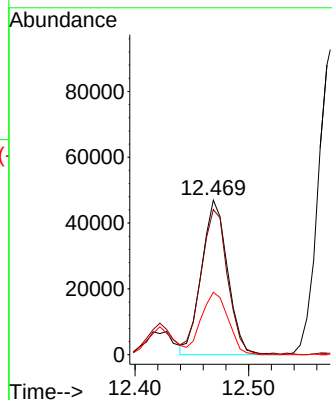
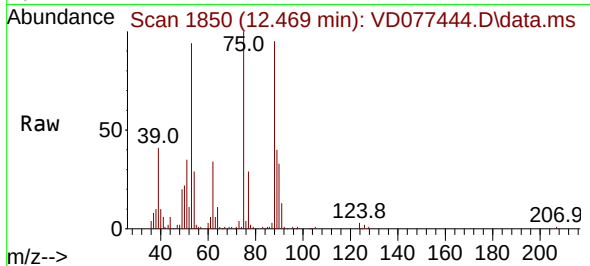
#81
trans-1,4-Dichloro-2-butene
Concen: 49.931 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Tgt Ion: 75 Resp: 75040
Ion Ratio Lower Upper
75 100
53 94.7 63.0 94.4
89 41.3 37.9 56.9

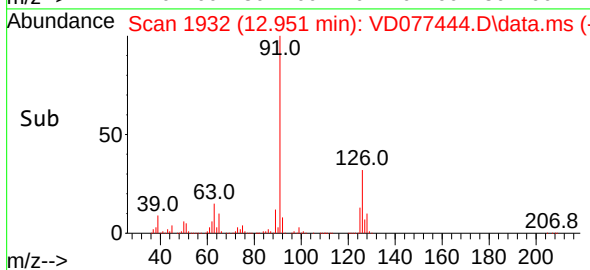
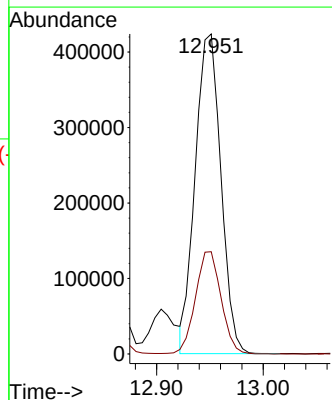
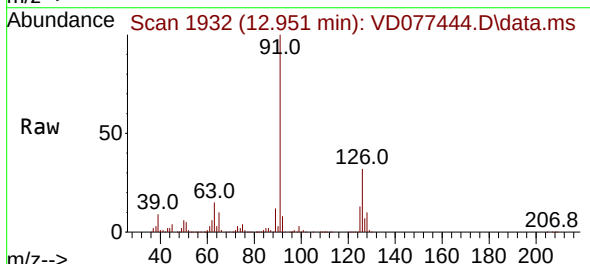
Manual Integrations
APPROVED

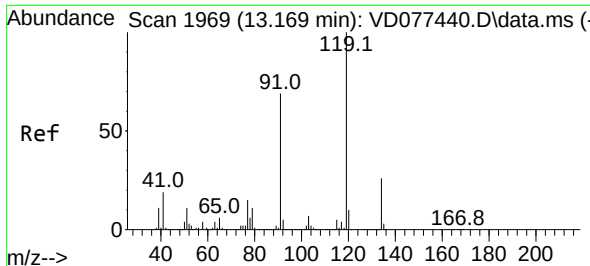
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 48.770 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion: 91 Resp: 710225
Ion Ratio Lower Upper
91 100
126 32.0 19.4 58.4





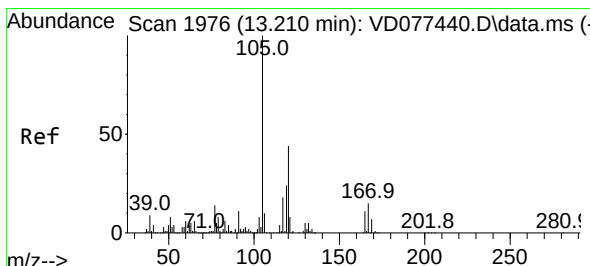
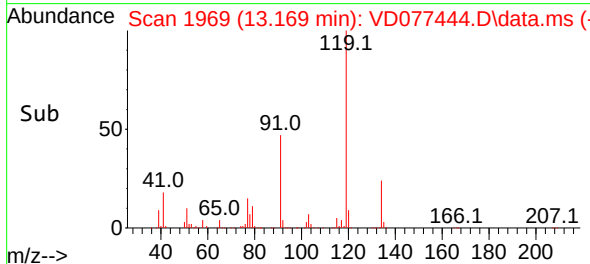
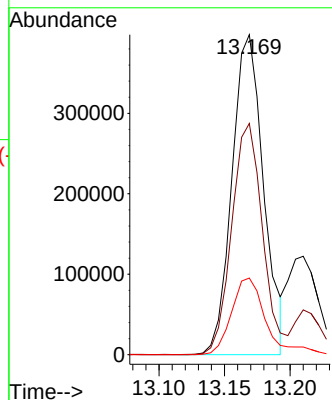
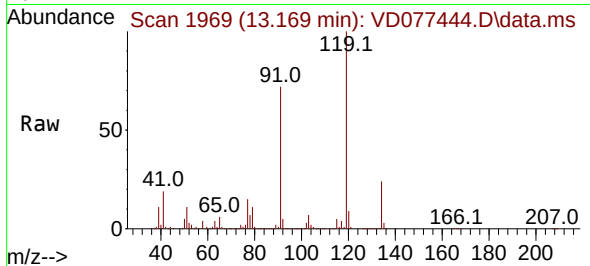
#83
tert-Butylbenzene
Concen: 48.545 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Tgt Ion:119 Resp: 665994
Ion Ratio Lower Upper
119 100
91 71.0 29.3 87.8
134 26.1 14.1 42.3

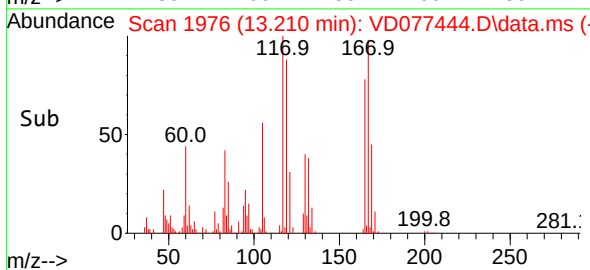
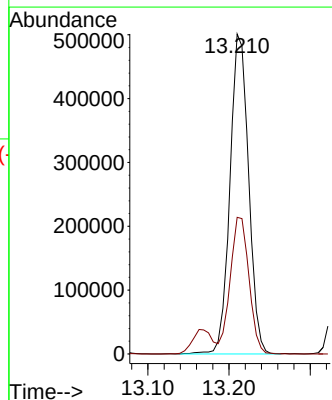
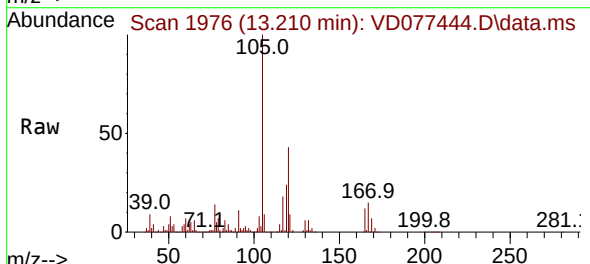
Manual Integrations
APPROVED

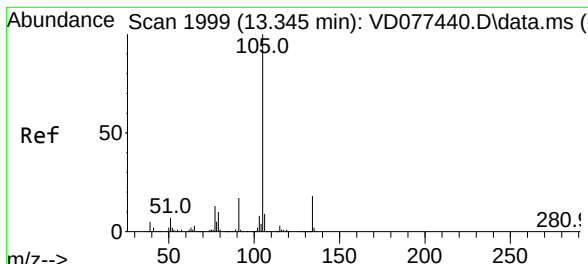
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.196 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

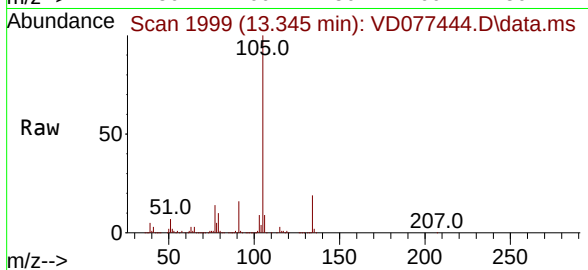
Tgt Ion:105 Resp: 797415
Ion Ratio Lower Upper
105 100
120 42.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 48.308 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05

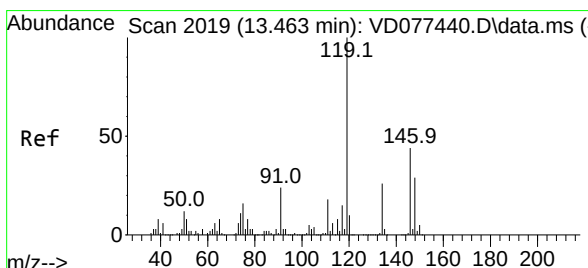
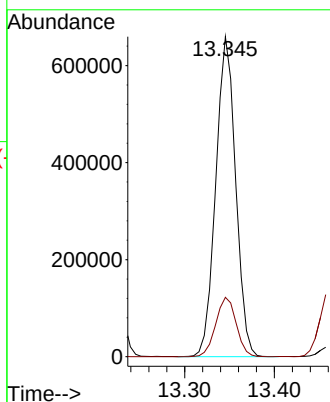
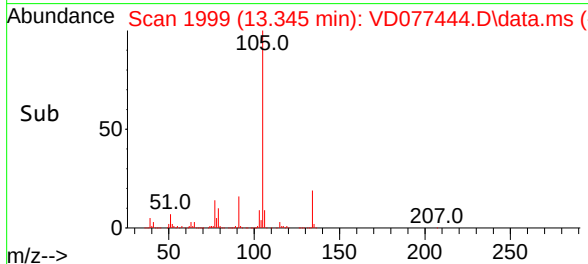
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD103023



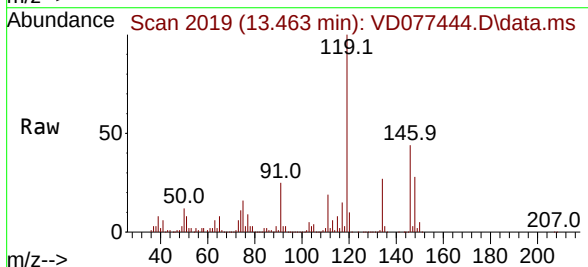
Tgt Ion:105 Resp: 1014034
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

Manual Integrations
 APPROVED

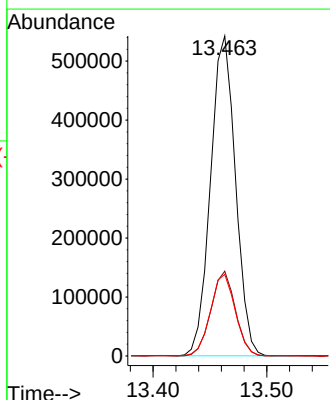
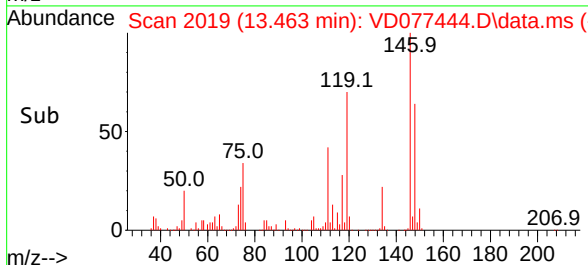
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

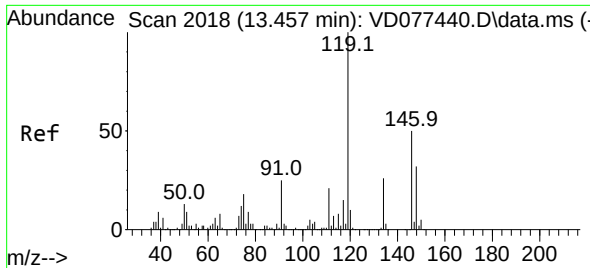


#86
 p-Isopropyltoluene
 Concen: 48.538 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077444.D
 Acq: 30 Oct 2023 13:05



Tgt Ion:119 Resp: 828152
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 25.3 10.5 31.5





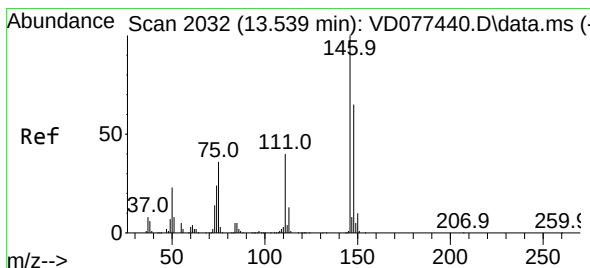
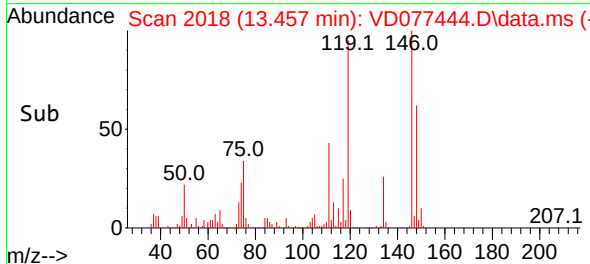
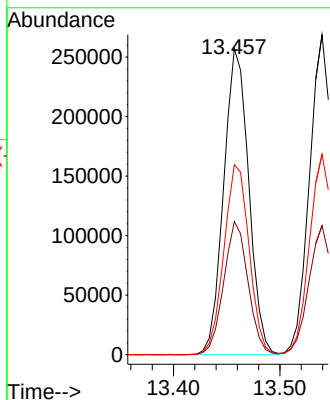
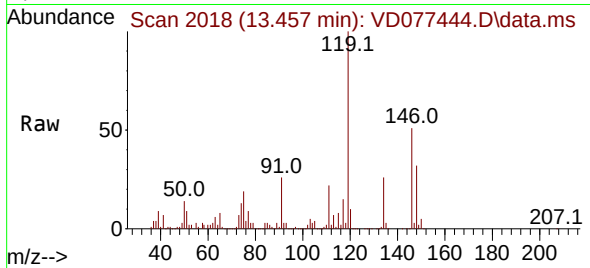
#87
1,3-Dichlorobenzene
Concen: 50.001 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Tgt Ion:146 Resp: 42070
Ion Ratio Lower Upper
146 100
111 42.3 17.9 53.8
148 62.6 32.3 96.8

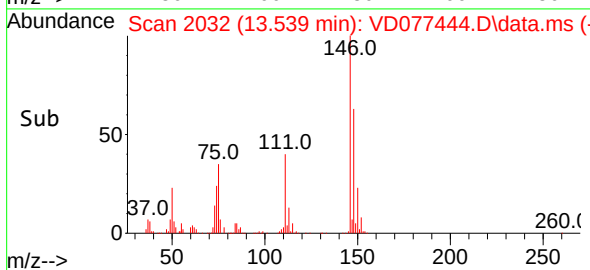
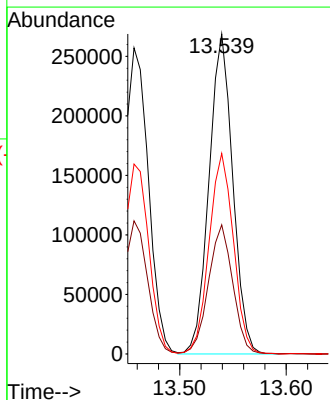
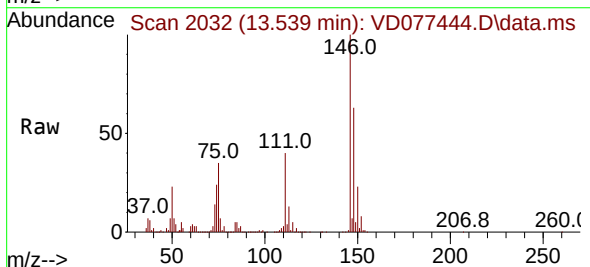
Manual Integrations
APPROVED

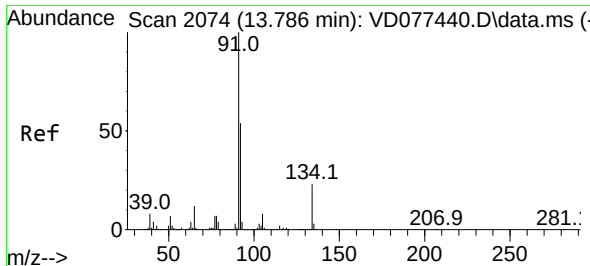
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#88
1,4-Dichlorobenzene
Concen: 49.591 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Tgt Ion:146 Resp: 416889
Ion Ratio Lower Upper
146 100
111 41.1 17.4 52.3
148 64.3 31.7 95.1





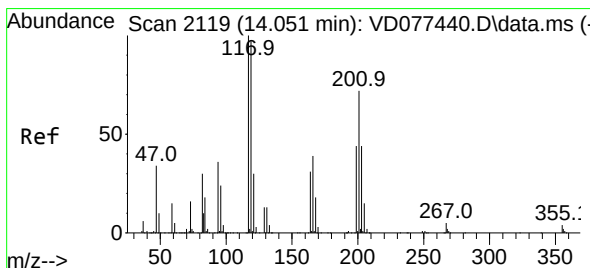
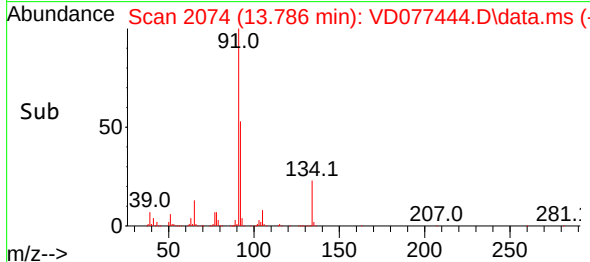
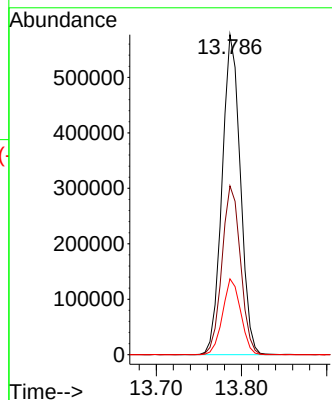
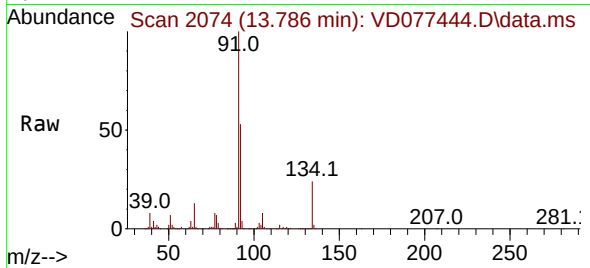
#89
n-Butylbenzene
Concen: 48.560 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023

Tgt Ion: 91 Resp: 861152
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.5
134 23.4 13.8 41.3

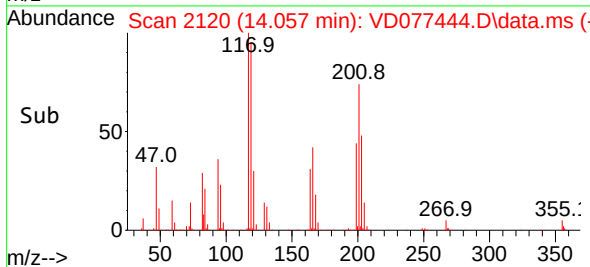
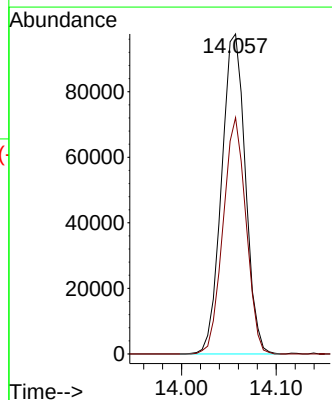
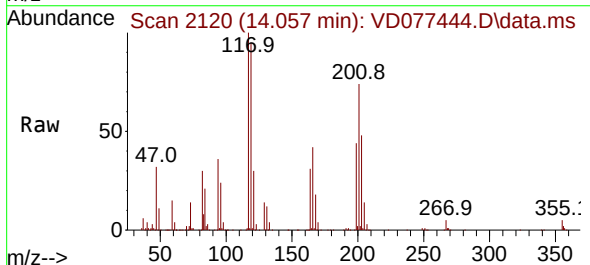
Manual Integrations
APPROVED

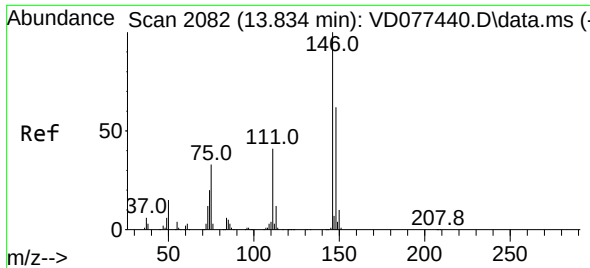
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 48.784 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

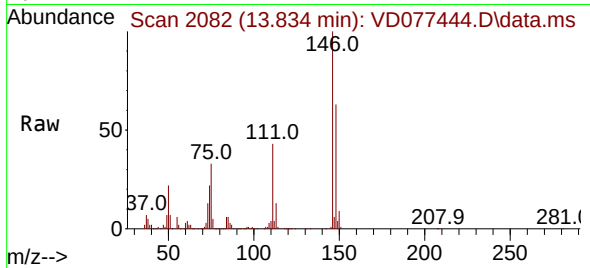
Tgt Ion:117 Resp: 170325
Ion Ratio Lower Upper
117 100
201 71.2 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 50.079 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

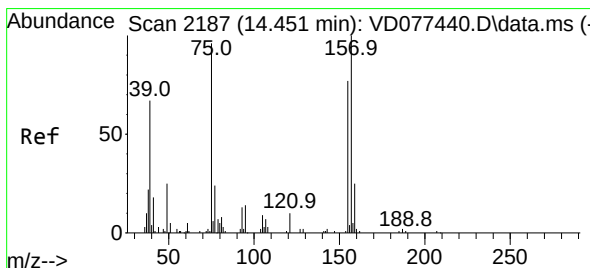
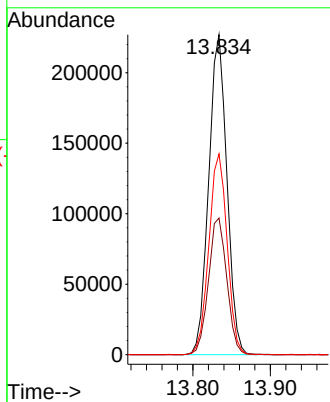
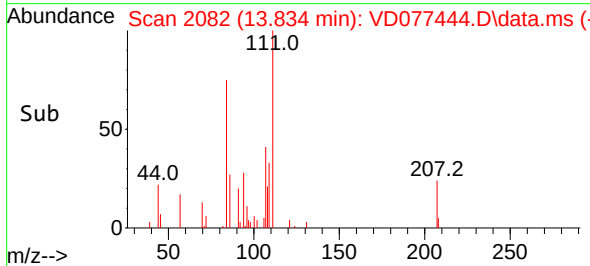
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



Tgt Ion:146 Resp: 37030
Ion Ratio Lower Upper
146 100
111 43.2 18.3 54.8
148 63.1 31.6 94.7

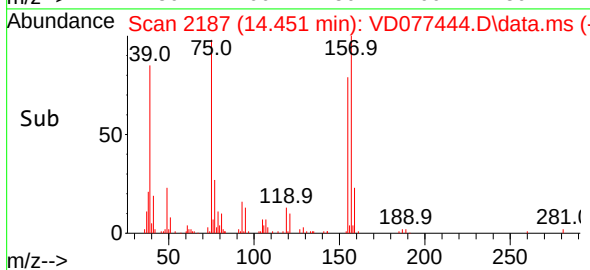
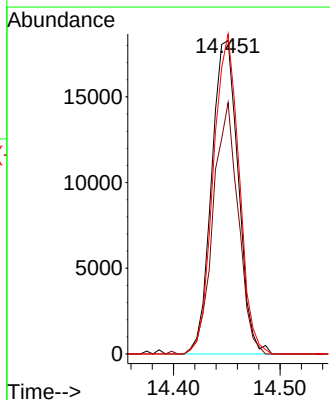
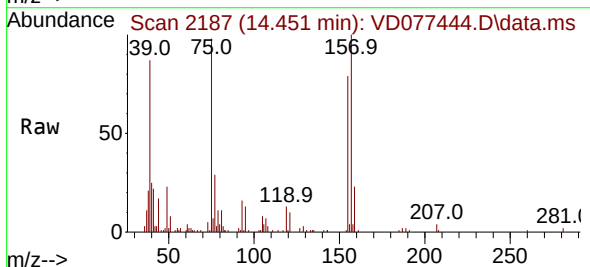
Manual Integrations
APPROVED

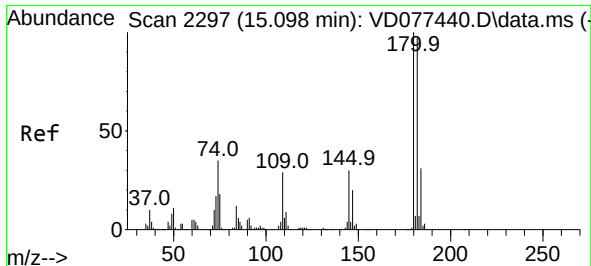
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.450 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

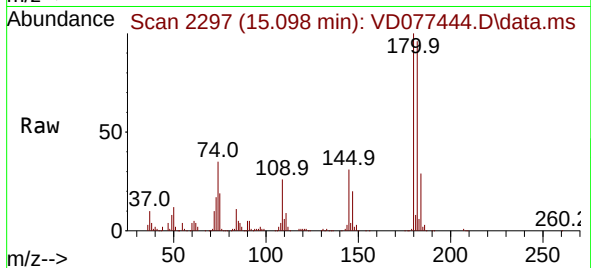
Tgt Ion: 75 Resp: 31756
Ion Ratio Lower Upper
75 100
155 75.3 47.9 143.8
157 98.8 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 50.687 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

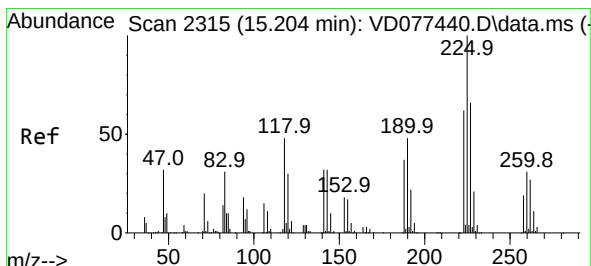
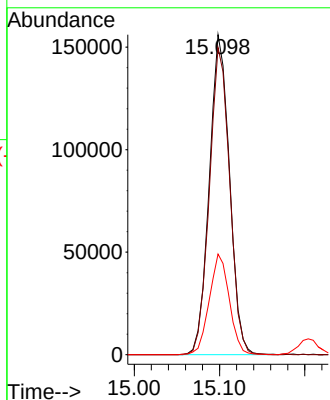
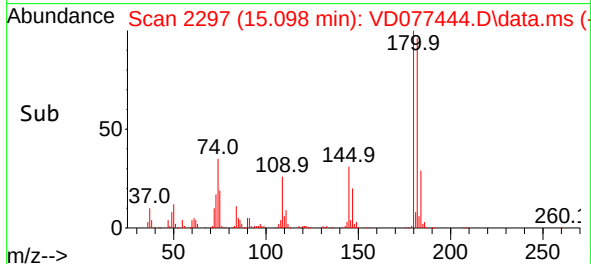
Instrument :
MSVOA_D
ClientSampleId :
ICVVD103023



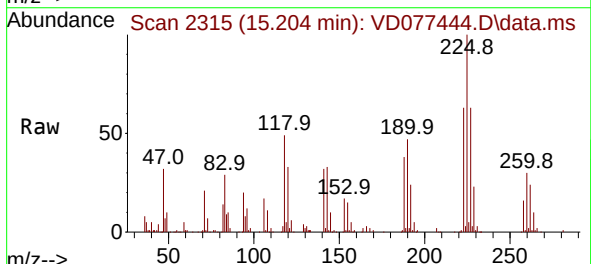
Tgt Ion:180 Resp: 25748
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 31.2 14.2 42.6

Manual Integrations
APPROVED

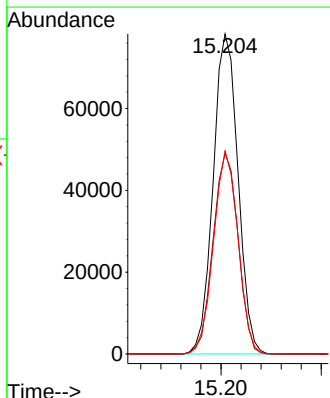
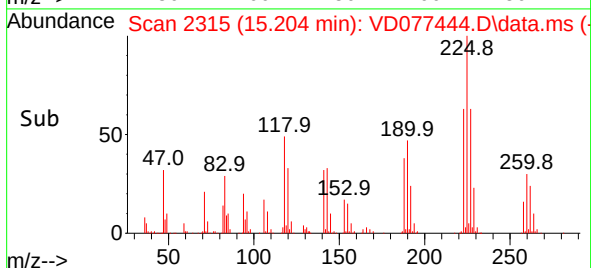
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

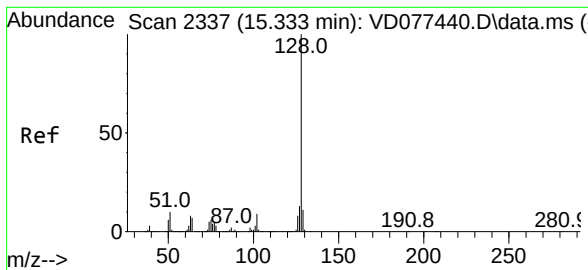


#94
Hexachlorobutadiene
Concen: 49.091 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



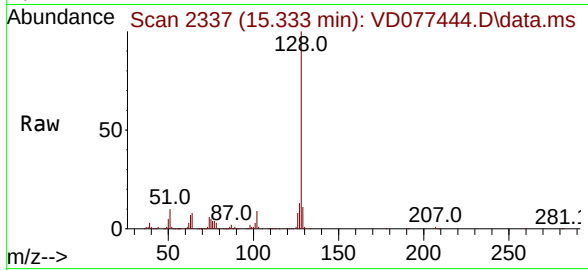
Tgt Ion:225 Resp: 134514
Ion Ratio Lower Upper
225 100
223 63.2 31.6 94.8
227 62.4 31.7 95.1





#95
Naphthalene
Concen: 51.572 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05

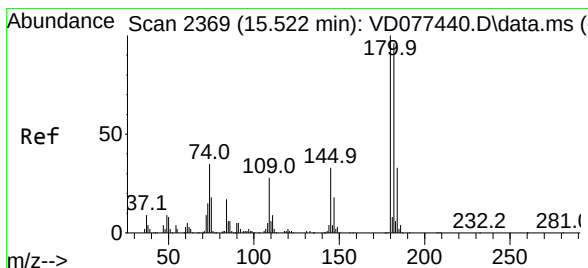
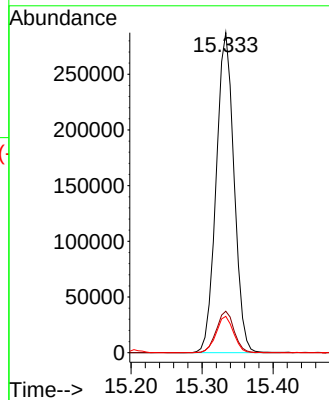
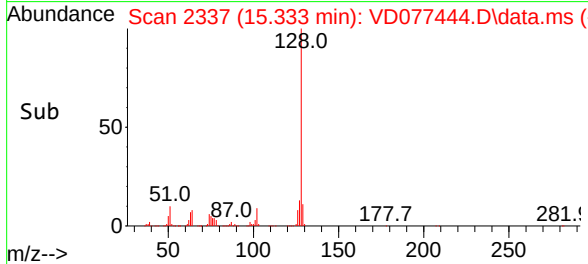
Instrument : MSVOA_D
ClientSampleId : ICVVD103023



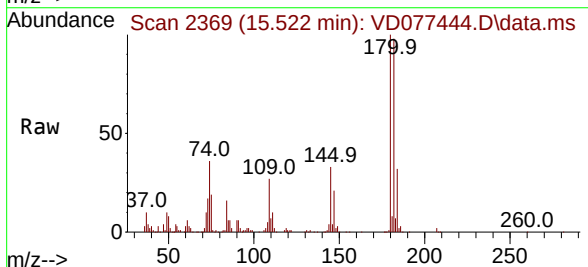
Tgt Ion:128 Resp: 499759
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.398 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077444.D
Acq: 30 Oct 2023 13:05



Tgt Ion:180 Resp: 220987
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.9
145 32.6 15.1 45.3

