

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077440.D
 Acq On : 30 Oct 2023 11:08
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 03:55:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 03:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	345820	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	618956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	546962	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	250032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	246872	50.484	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	100.960%		
35) Dibromofluoromethane	7.804	113	211325	49.398	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.800%		
50) Toluene-d8	10.269	98	818017	49.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.575	95	272580	48.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	128311	46.015	ug/l	96
3) Chloromethane	2.146	50	241830	54.626	ug/l	100
4) Vinyl Chloride	2.287	62	231602	53.649	ug/l	99
5) Bromomethane	2.693	94	123622	54.648	ug/l	100
6) Chloroethane	2.840	64	155102	53.364	ug/l	98
7) Trichlorofluoromethane	3.175	101	303289	50.167	ug/l	96
8) Diethyl Ether	3.593	74	113505	52.231	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.963	101	180627	49.491	ug/l	96
10) Methyl Iodide	4.169	142	229820	49.870	ug/l #	90
11) Tert butyl alcohol	5.046	59	88204	227.707	ug/l	99
12) 1,1-Dichloroethene	3.940	96	178288	51.600	ug/l #	65
13) Acrolein	3.799	56	123869	242.495	ug/l	99
14) Allyl chloride	4.563	41	447950	53.741	ug/l #	83
15) Acrylonitrile	5.252	53	302576	257.566	ug/l	99
16) Acetone	4.022	43	332089	256.644	ug/l #	78
17) Carbon Disulfide	4.275	76	550280	51.509	ug/l	99
18) Methyl Acetate	4.563	43	250133	52.995	ug/l #	77
19) Methyl tert-butyl Ether	5.316	73	552265	50.921	ug/l	93
20) Methylene Chloride	4.805	84	248052	51.043	ug/l #	57
21) trans-1,2-Dichloroethene	5.310	96	214219	53.235	ug/l #	67
22) Diisopropyl ether	6.216	45	914634	51.629	ug/l #	88
23) Vinyl Acetate	6.157	43	1970477m	255.727	ug/l	
24) 1,1-Dichloroethane	6.110	63	472548	51.407	ug/l	92
25) 2-Butanone	7.081	43	424161	245.754	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	401890	49.334	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	259568	52.066	ug/l	70
28) Bromochloromethane	7.422	49	212723	51.001	ug/l #	56
29) Tetrahydrofuran	7.446	42	262474	256.412	ug/l #	70
30) Chloroform	7.599	83	441901	51.487	ug/l	99
31) Cyclohexane	7.875	56	382815	50.078	ug/l #	77
32) 1,1,1-Trichloroethane	7.799	97	356583	50.425	ug/l	95
36) 1,1-Dichloropropene	8.004	75	328238	51.750	ug/l	92
37) Ethyl Acetate	7.169	43	186050	51.112	ug/l #	89
38) Carbon Tetrachloride	7.993	117	291970	48.849	ug/l	99
39) Methylcyclohexane	9.275	83	366095	50.586	ug/l #	79
40) Benzene	8.251	78	942847	52.130	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	111362	47.813	ug/l #	72
42) 1,2-Dichloroethane	8.328	62	291490	50.884	ug/l	90
43) Isopropyl Acetate	8.363	43	386497	51.452	ug/l #	80
44) Trichloroethene	9.028	130	226213	51.060	ug/l	83
45) 1,2-Dichloropropane	9.304	63	272540	51.183	ug/l	97
46) Dibromomethane	9.393	93	128401	50.107	ug/l	91
47) Bromodichloromethane	9.587	83	342623	50.586	ug/l	99
48) Methyl methacrylate	9.381	41	188356	52.530	ug/l #	62
49) 1,4-Dioxane	9.381	88	27897	1013.141	ug/l #	59
51) 4-Methyl-2-Pentanone	10.157	43	909533	245.994	ug/l #	82
52) Toluene	10.334	92	567363	51.457	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	365838	51.009	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	424488	51.433	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	168288	49.224	ug/l	94
56) Ethyl methacrylate	10.598	69	256048	50.371	ug/l #	60
57) 1,3-Dichloropropane	10.881	76	326014	51.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	674618	265.095	ug/l #	85
59) 2-Hexanone	10.922	43	662354	243.179	ug/l	77
60) Dibromochloromethane	11.075	129	205261	49.930	ug/l	95
61) 1,2-Dibromoethane	11.181	107	164255	50.733	ug/l	98
64) Tetrachloroethene	10.810	164	174420	50.088	ug/l	92
65) Chlorobenzene	11.604	112	582685	50.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	219288	50.641	ug/l	95
67) Ethyl Benzene	11.681	91	1119792	50.789	ug/l	93
68) m/p-Xylenes	11.792	106	809237	101.641	ug/l	79
69) o-Xylene	12.122	106	391293	51.309	ug/l	80
70) Styrene	12.134	104	668265	50.795	ug/l #	90
71) Bromoform	12.298	173	118538	49.377	ug/l #	99
73) Isopropylbenzene	12.422	105	1017343	49.906	ug/l	95
74) N-amyl acetate	12.234	43	354398	49.082	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	202706	50.727	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	149688m	44.803	ug/l	
77) Bromobenzene	12.704	156	227256	50.647	ug/l	71
78) n-propylbenzene	12.763	91	1294956	50.029	ug/l	93
79) 2-Chlorotoluene	12.851	91	736224	50.235	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	851607	49.787	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	77700	49.320	ug/l #	84
82) 4-Chlorotoluene	12.945	91	766444	50.206	ug/l	88
83) tert-Butylbenzene	13.169	119	720108	50.073	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	846172	49.800	ug/l	93
85) sec-Butylbenzene	13.345	105	1075733	48.888	ug/l	94
86) p-Isopropyltoluene	13.463	119	888220	49.661	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	443751	50.311	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	438247	49.731	ug/l	96
89) n-Butylbenzene	13.786	91	916700	49.312	ug/l	97
90) Hexachloroethane	14.051	117	181745	49.657	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	388866	50.168	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	33208	49.330	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	264782	49.724	ug/l	99
94) Hexachlorobutadiene	15.204	225	138582	48.247	ug/l	100
95) Naphthalene	15.333	128	511893	50.391	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	232071	50.489	ug/l	98

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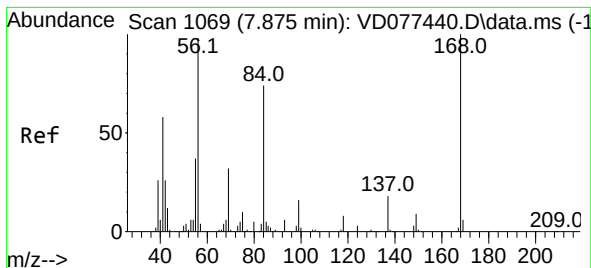
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/31/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

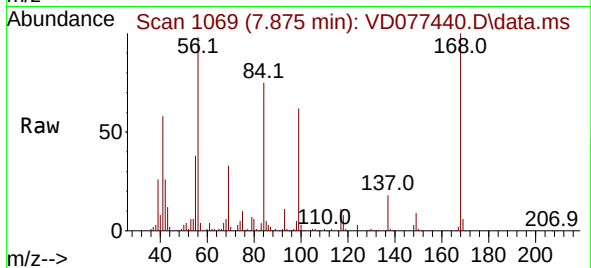
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077440.D
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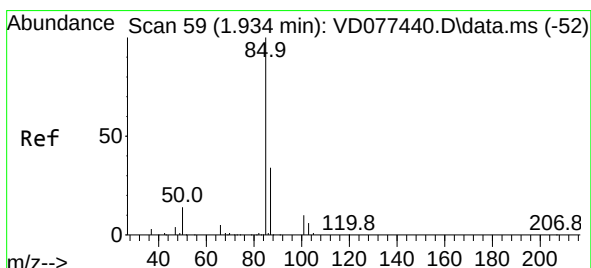
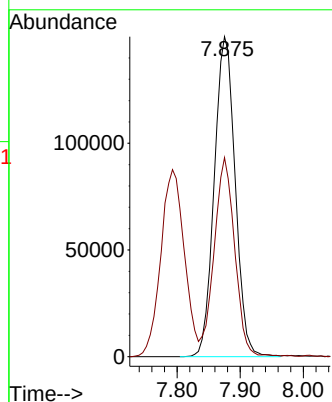
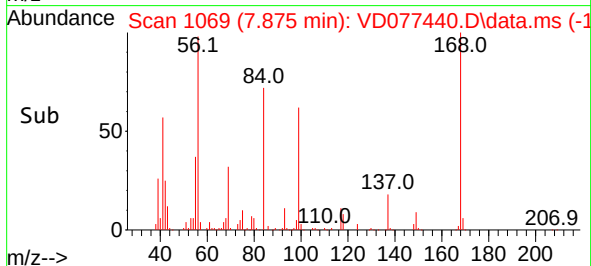
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 345820
Ion Ratio Lower Upper
168 100
99 61.9 36.7 55.1

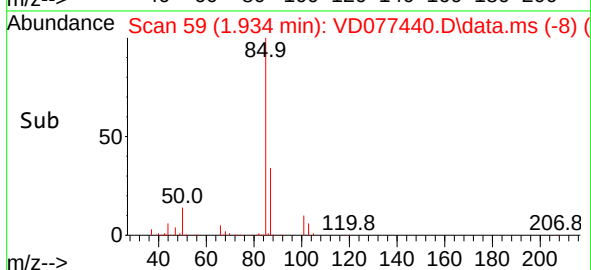
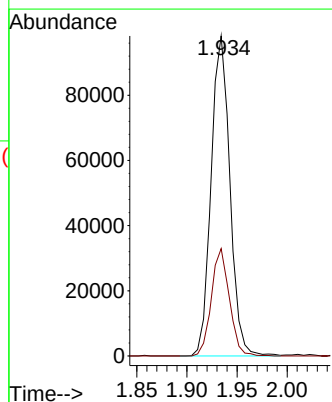
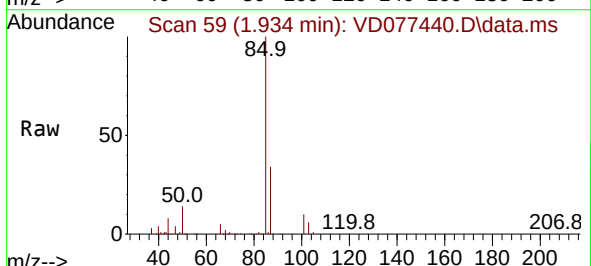
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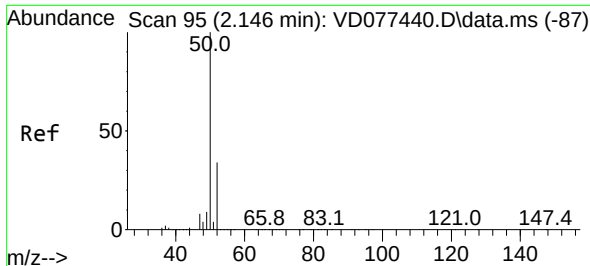
Reviewed By :John Carlone 10/31/2023
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#2
Dichlorodifluoromethane
Concen: 46.015 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

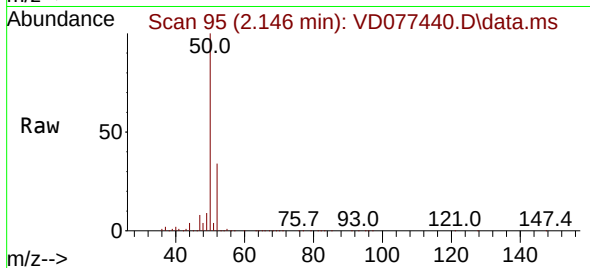
Tgt Ion: 85 Resp: 128311
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





#3
Chloromethane
Concen: 54.626 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

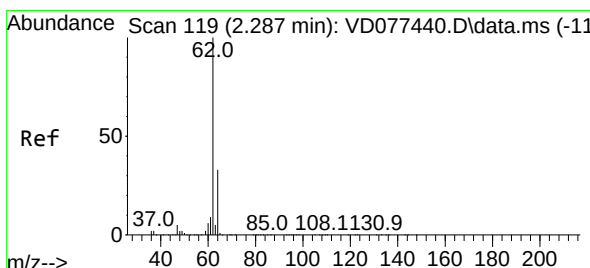
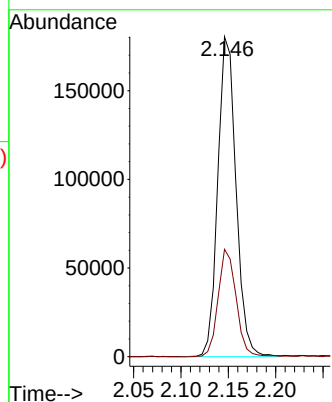
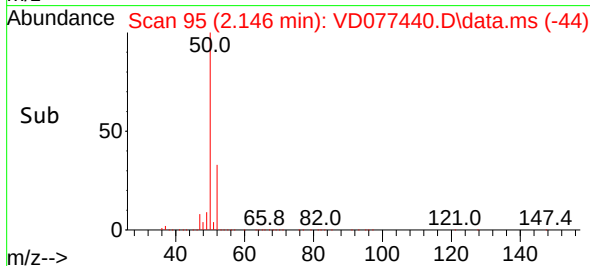
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VSTDICCC050



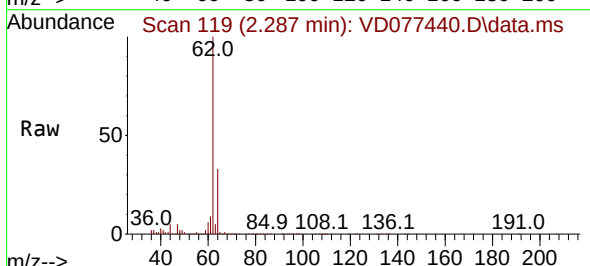
Tgt Ion: 50 Resp: 241830
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

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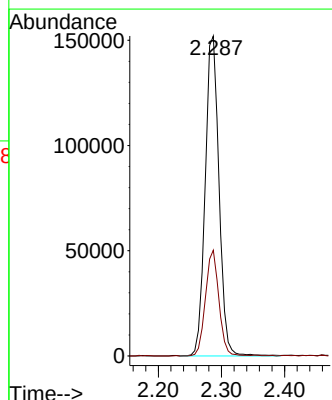
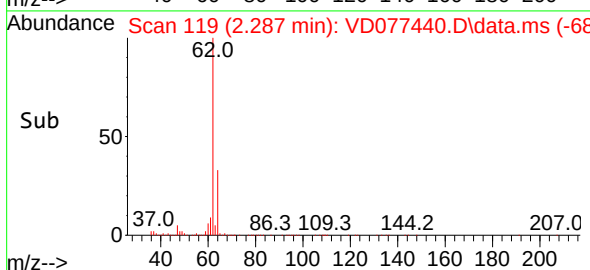
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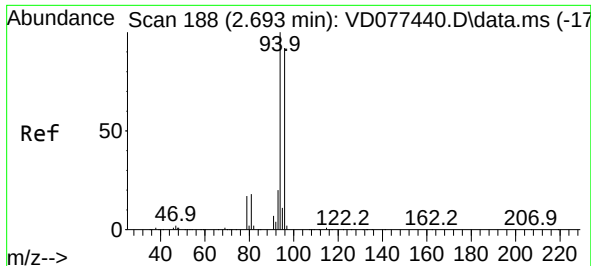


#4
Vinyl Chloride
Concen: 53.649 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



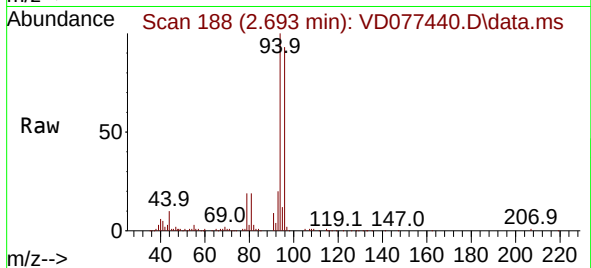
Tgt Ion: 62 Resp: 231602
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 54.648 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

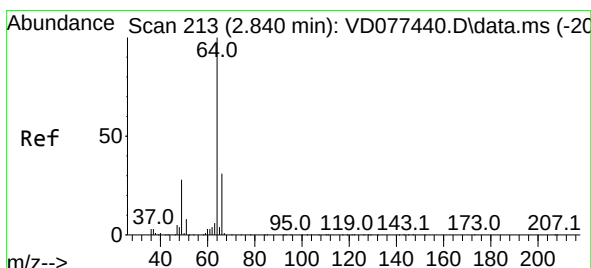
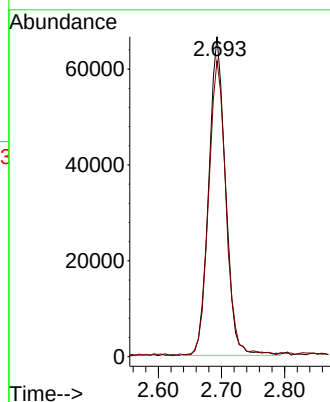
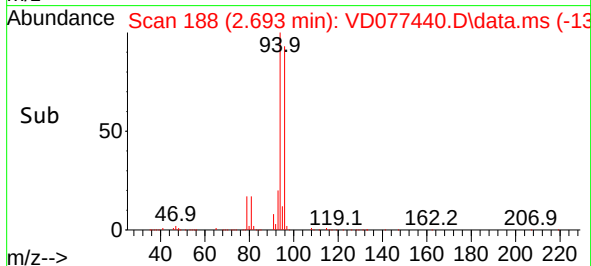
Instrument :
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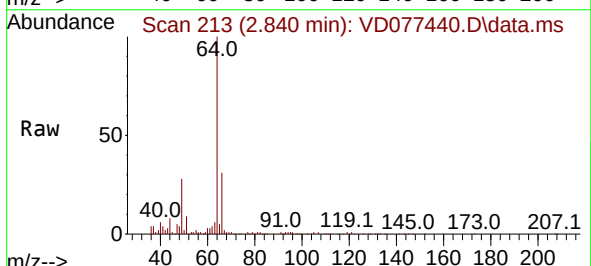
Tgt Ion: 94 Resp: 12362
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8

Manual Integrations
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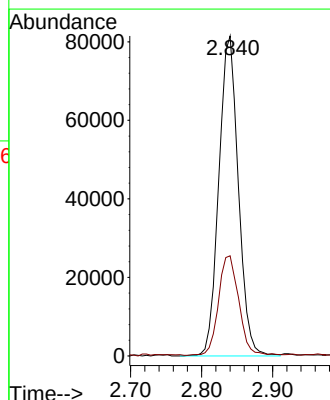
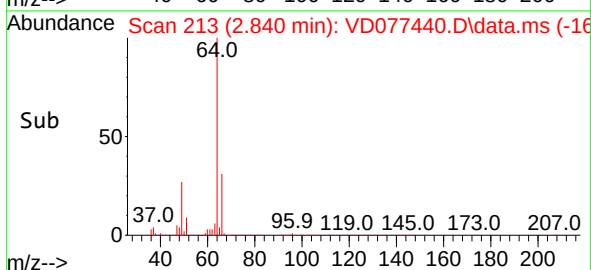
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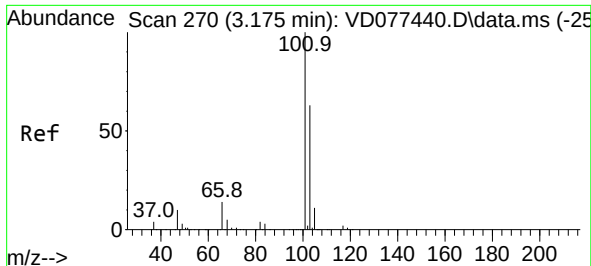


#6
Chloroethane
Concen: 53.364 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077440.D
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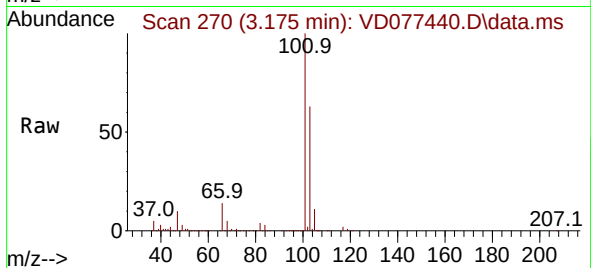
Tgt Ion: 64 Resp: 155102
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 50.167 ug/l
 RT: 3.175 min Scan# 270
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

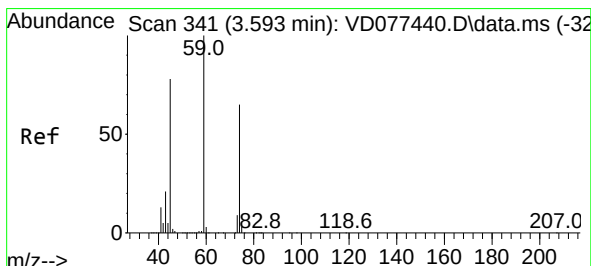
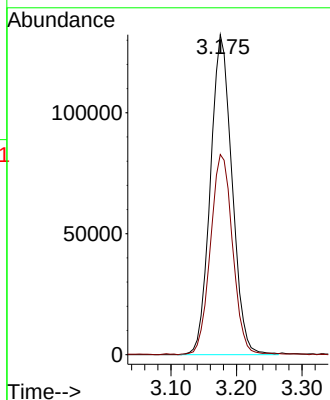
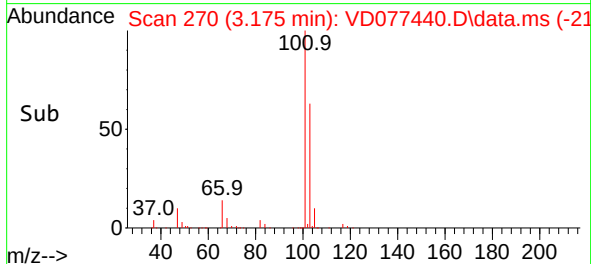
Instrument :
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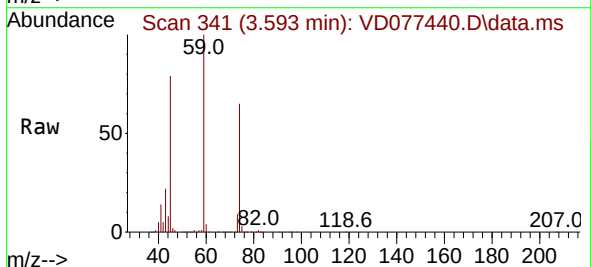
Tgt Ion:101 Resp: 303289
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.3 78.5

Manual Integrations
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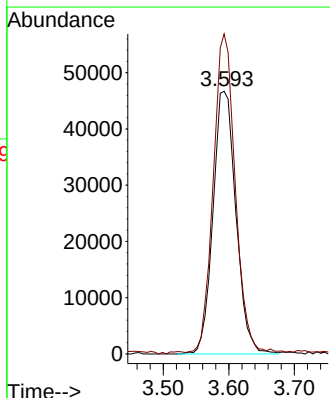
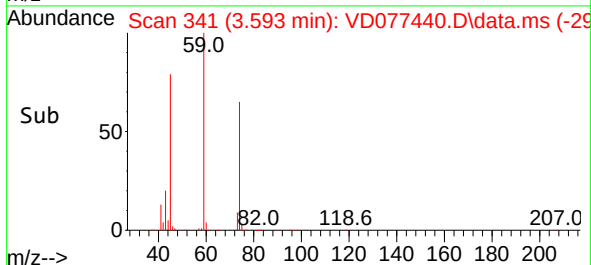
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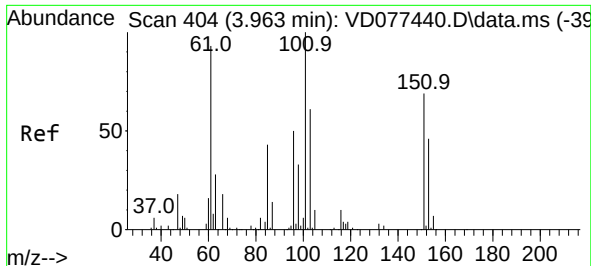


#8
 Diethyl Ether
 Concen: 52.231 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 113505
 Ion Ratio Lower Upper
 74 100
 45 115.4 37.5 112.7#





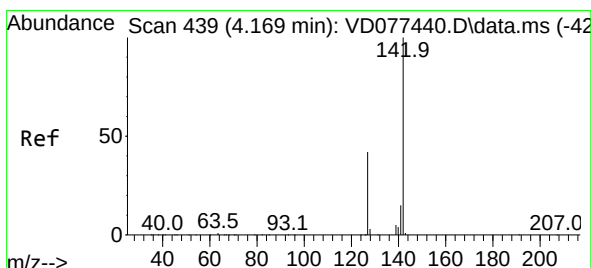
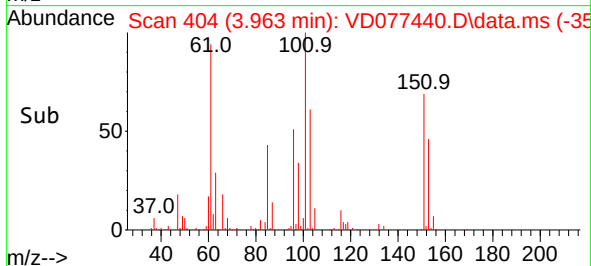
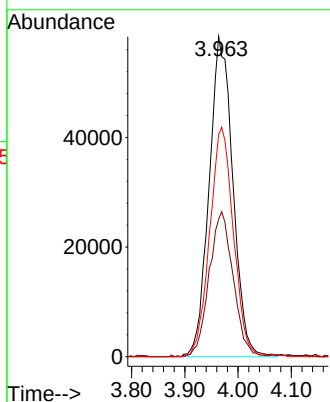
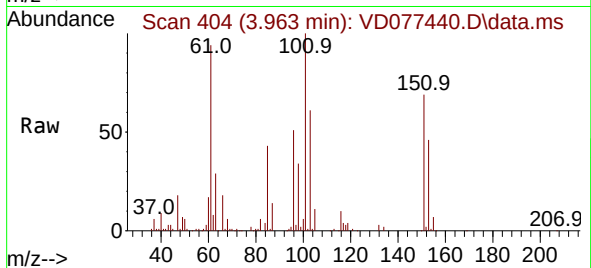
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.491 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 18062
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 71.5 59.8 89.6

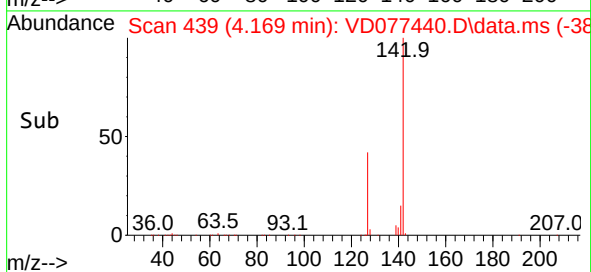
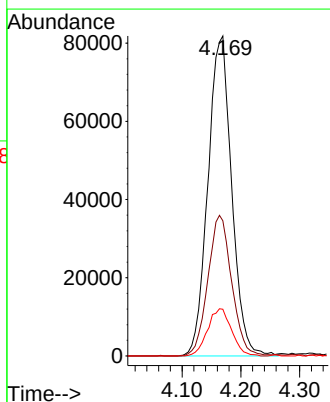
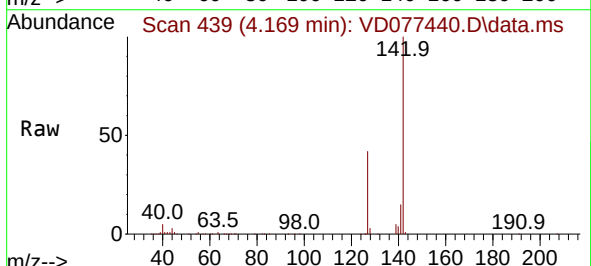
Manual Integrations
APPROVED

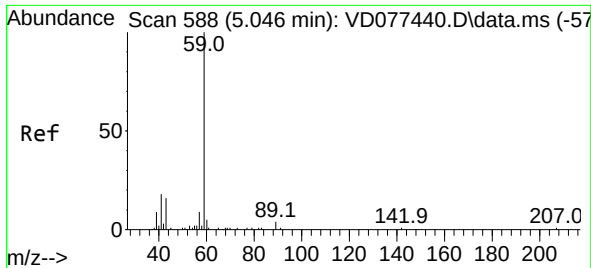
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 49.870 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

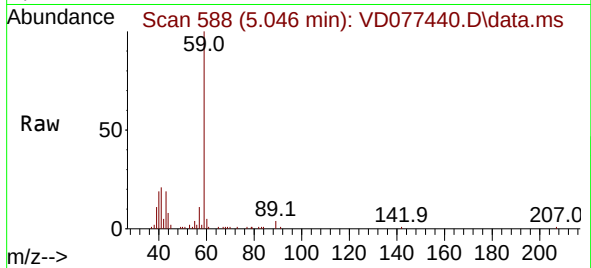
Tgt Ion:142 Resp: 229820
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 227.707 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

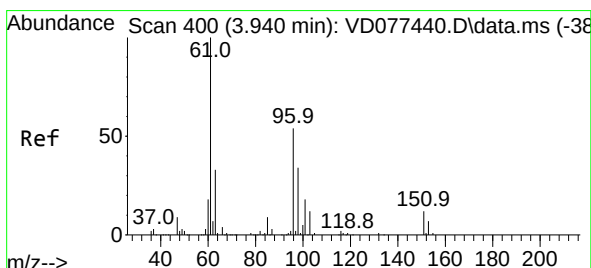
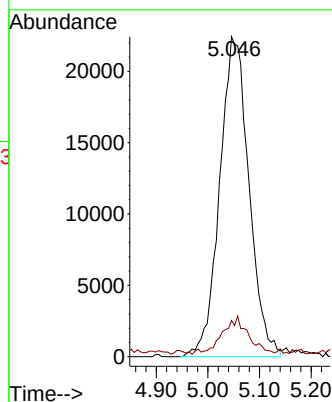
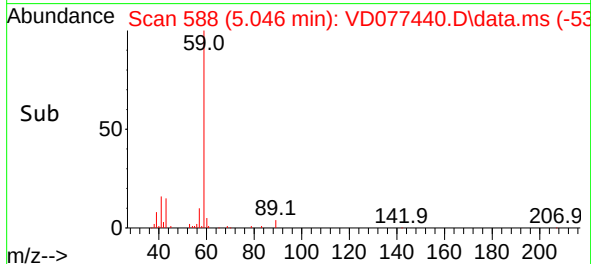
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



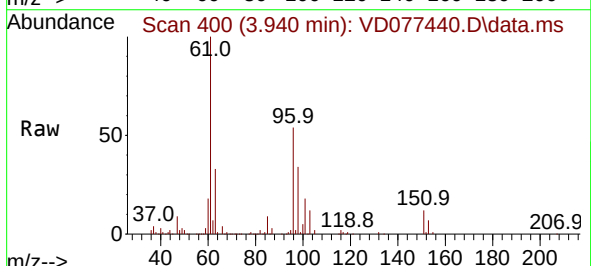
Tgt Ion: 59 Resp: 88204
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8

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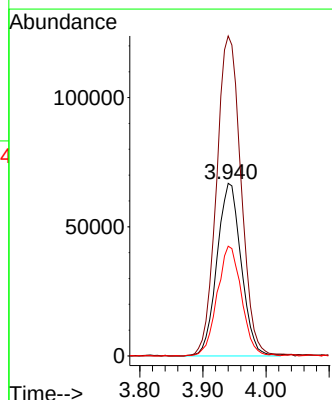
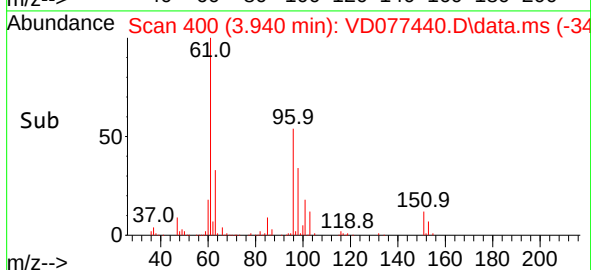
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

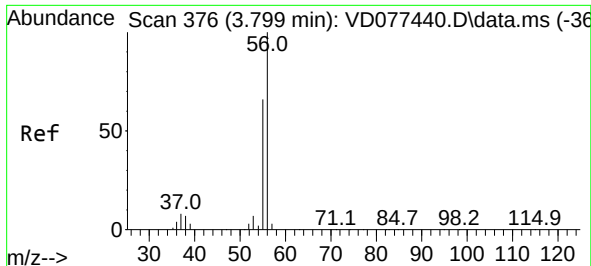


#12
1,1-Dichloroethene
Concen: 51.600 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



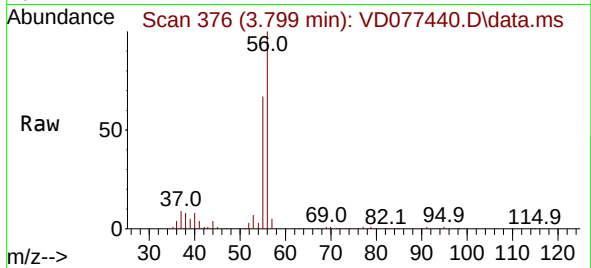
Tgt Ion: 96 Resp: 178288
Ion Ratio Lower Upper
96 100
61 185.4 100.6 150.8#
98 63.6 50.2 75.2





#13
Acrolein
Concen: 242.495 ug/l
RT: 3.799 min Scan# 376
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

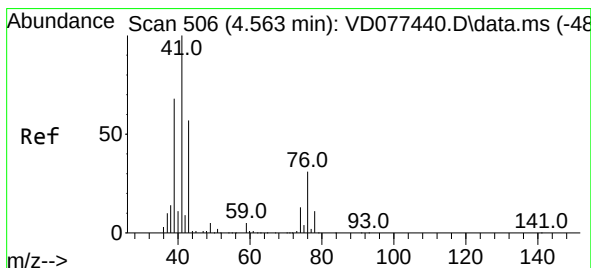
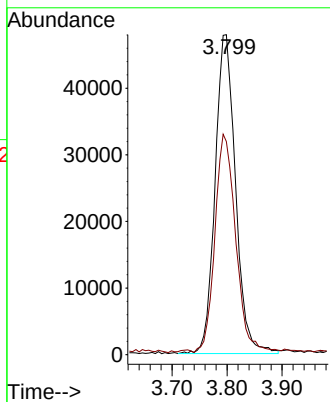
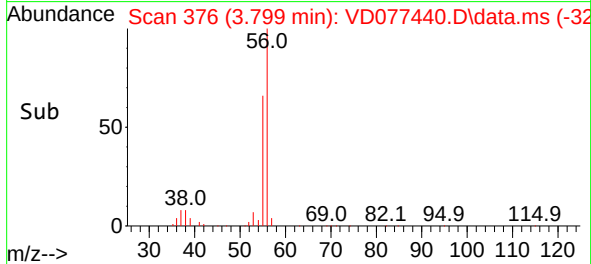
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 123869
Ion Ratio Lower Upper
56 100
55 69.9 55.1 82.7

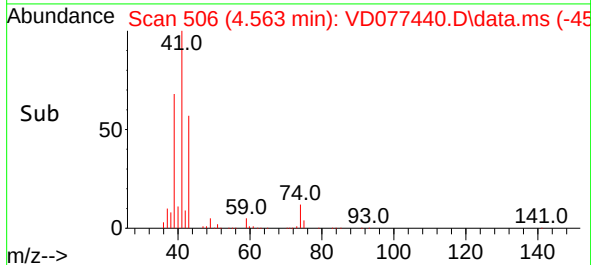
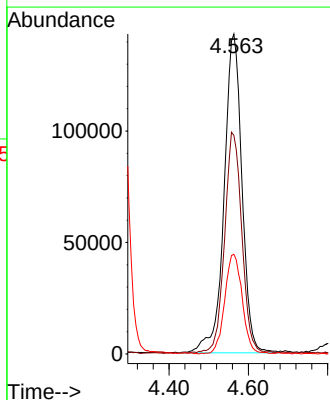
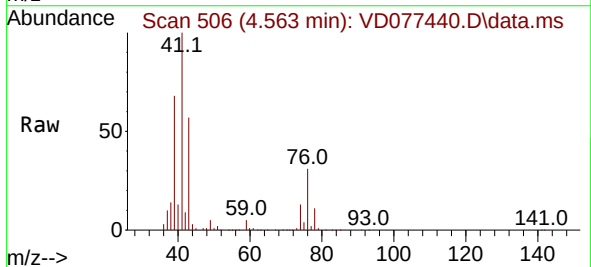
Manual Integrations
APPROVED

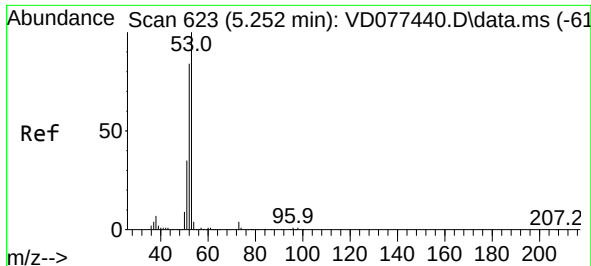
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 53.741 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

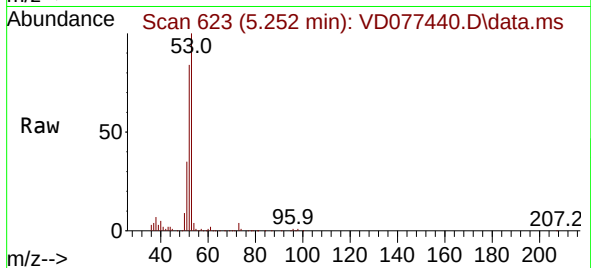
Tgt Ion: 41 Resp: 447950
Ion Ratio Lower Upper
41 100
39 66.6 53.8 80.6
76 30.7 45.8 68.8#





#15
Acrylonitrile
Concen: 257.566 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

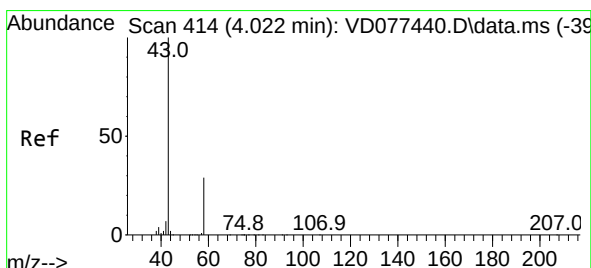
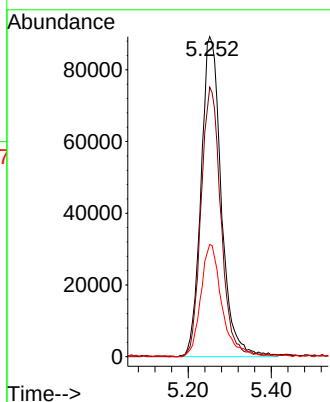
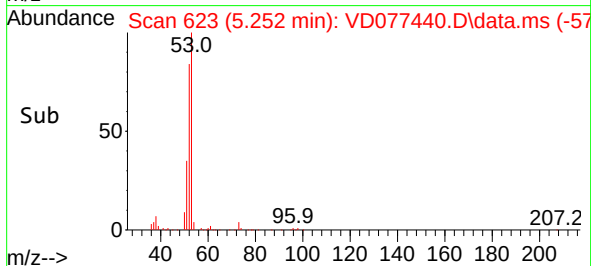
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 302570
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 36.3 28.3 42.5

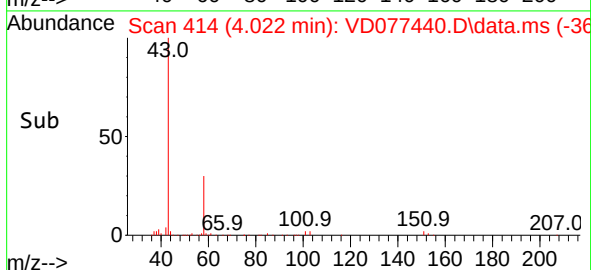
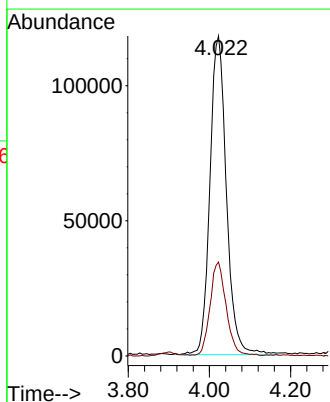
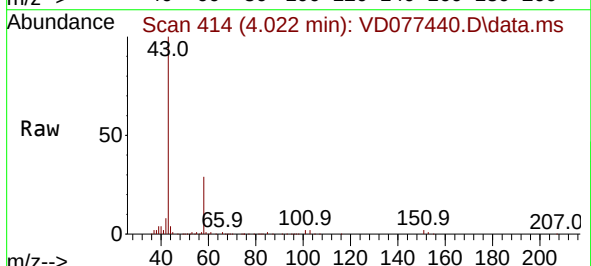
Manual Integrations
APPROVED

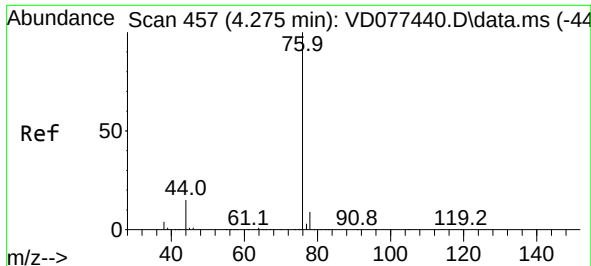
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 256.644 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

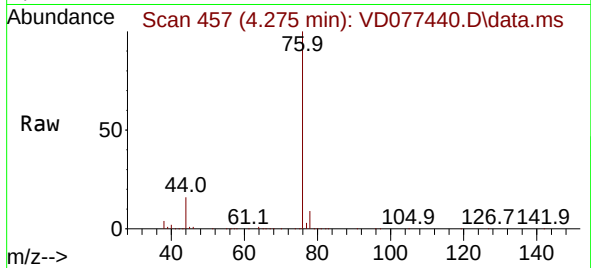
Tgt Ion: 43 Resp: 332089
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#





#17
Carbon Disulfide
Concen: 51.509 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

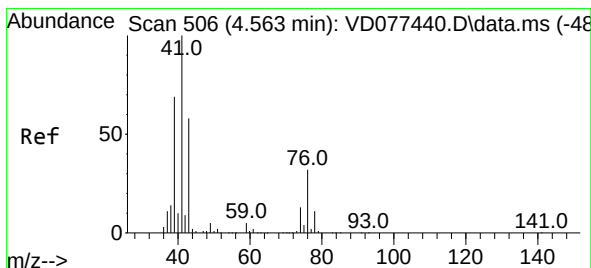
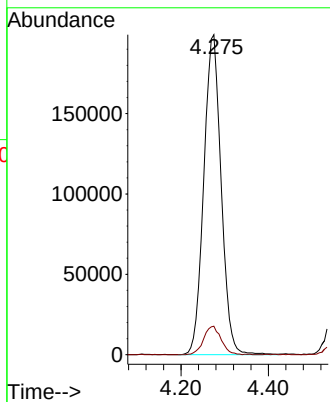
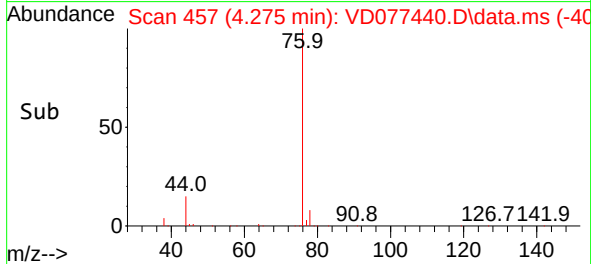
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 550280
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

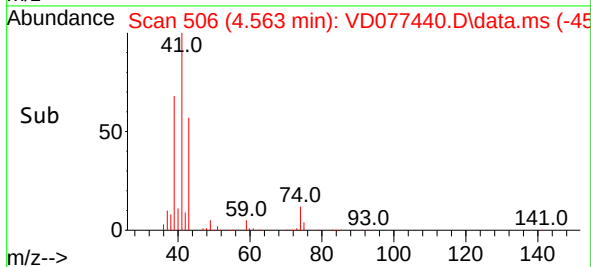
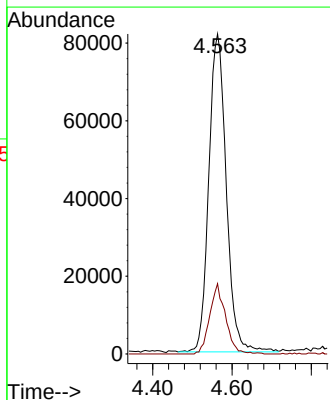
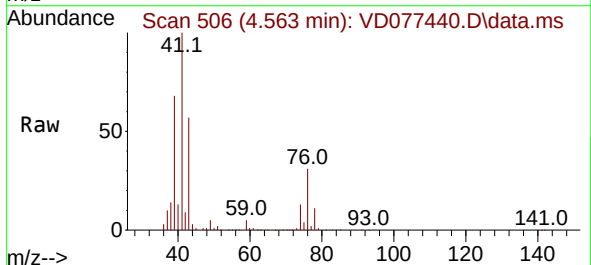
Manual Integrations
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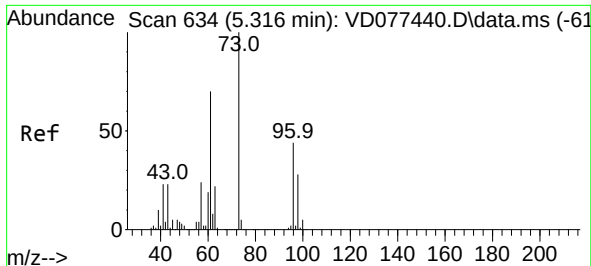
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 52.995 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion: 43 Resp: 250133
Ion Ratio Lower Upper
43 100
74 20.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 50.921 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 73 Resp: 55226

Ion Ratio Lower Upper

73 100

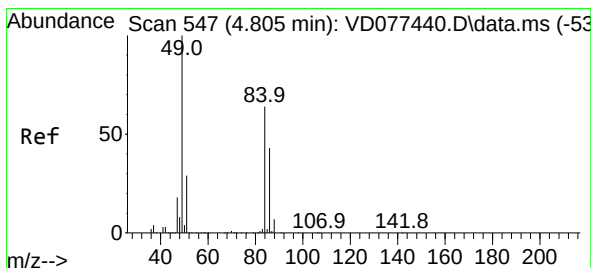
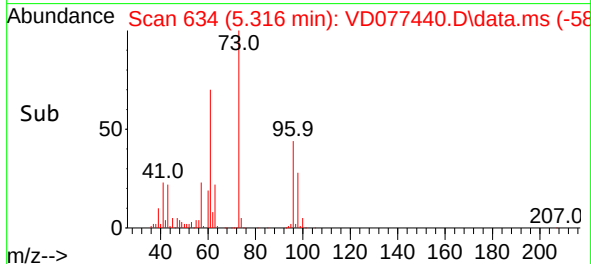
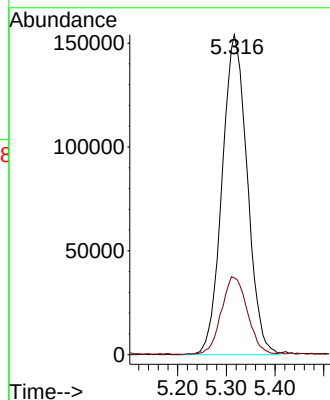
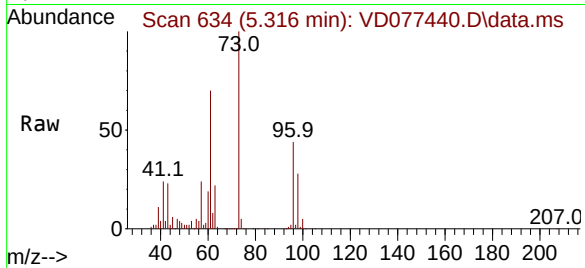
57 23.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#20

Methylene Chloride

Concen: 51.043 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Tgt Ion: 84 Resp: 248052

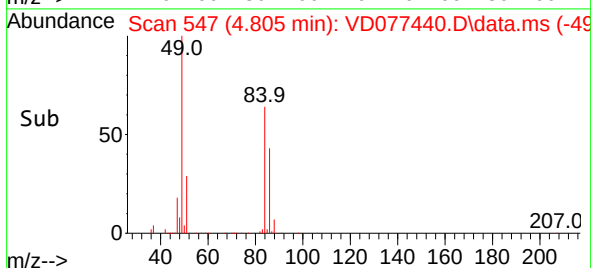
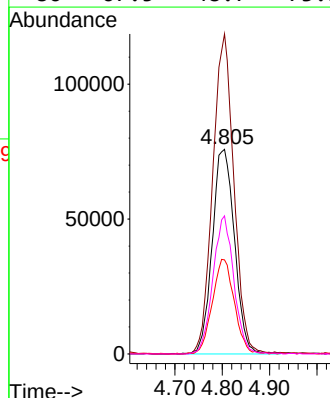
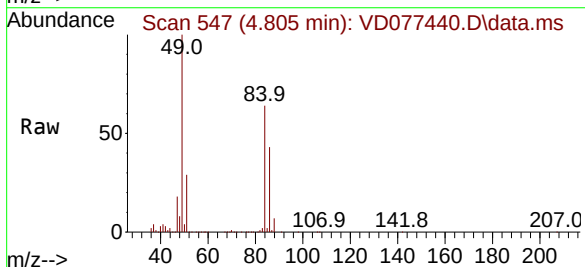
Ion Ratio Lower Upper

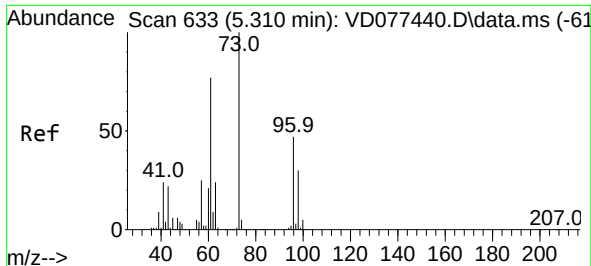
84 100

49 156.3 71.4 107.2#

51 45.9 24.5 36.7#

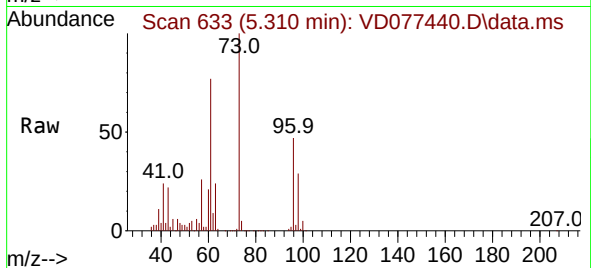
86 67.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.235 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

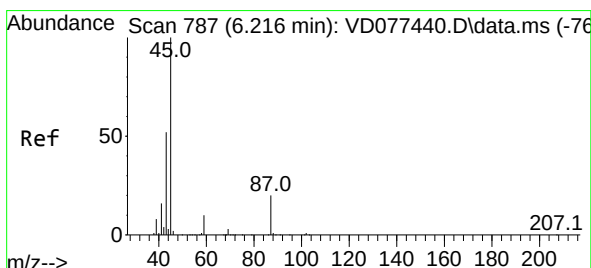
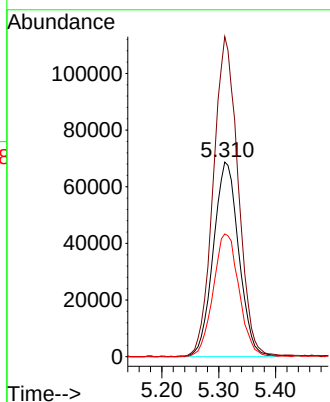
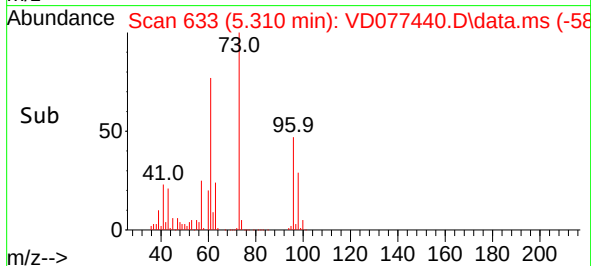
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 214219
Ion Ratio Lower Upper
96 100
61 164.2 89.3 133.9#
98 63.1 48.6 73.0

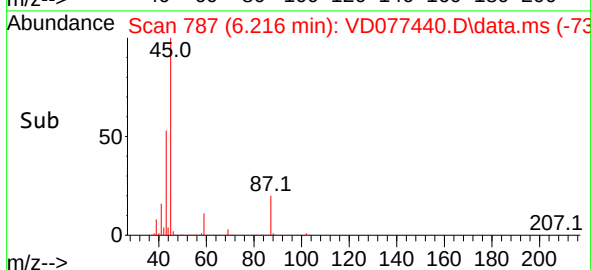
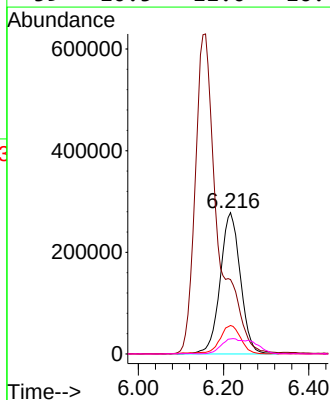
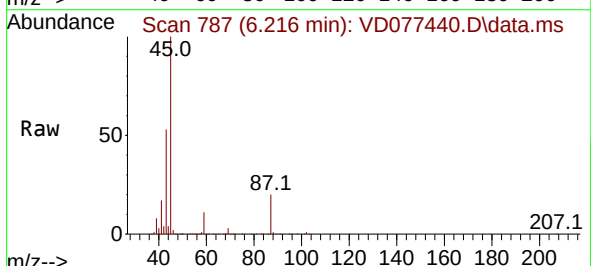
Manual Integrations
APPROVED

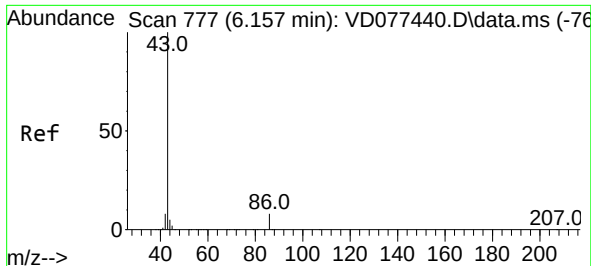
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 51.629 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

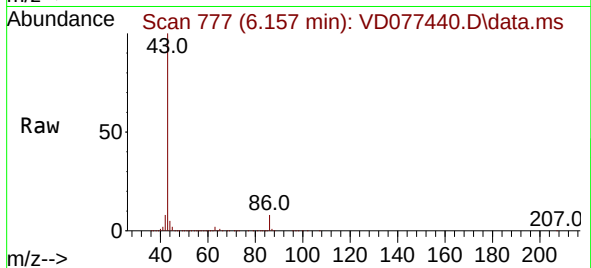
Tgt Ion: 45 Resp: 914634
Ion Ratio Lower Upper
45 100
43 51.8 40.0 60.0
87 20.2 28.2 42.4#
59 10.5 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 255.727 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

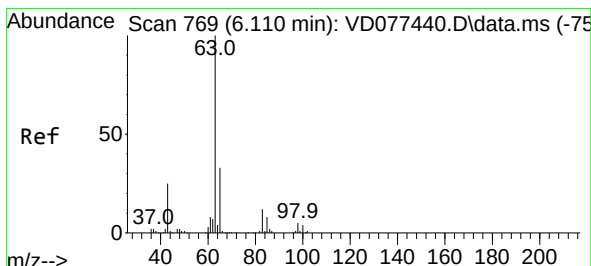
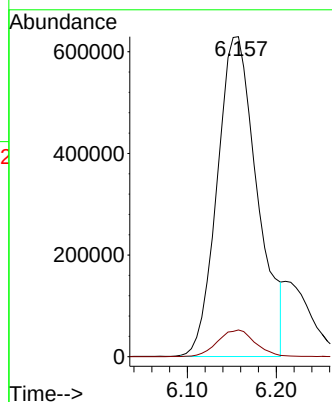
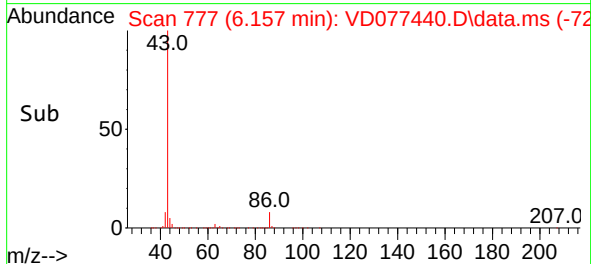
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 197047
 Ion Ratio Lower Upper
 43 100
 86 8.4 12.5 18.7

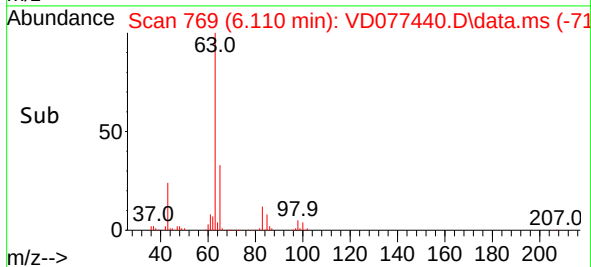
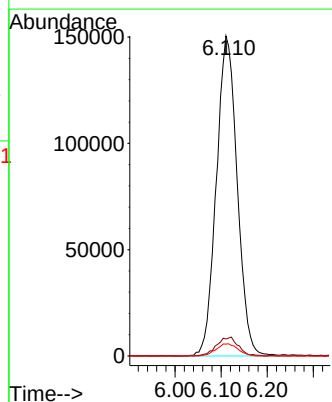
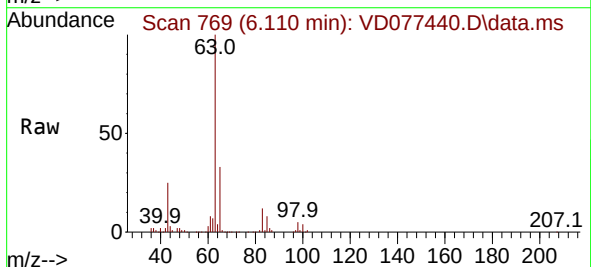
Manual Integrations
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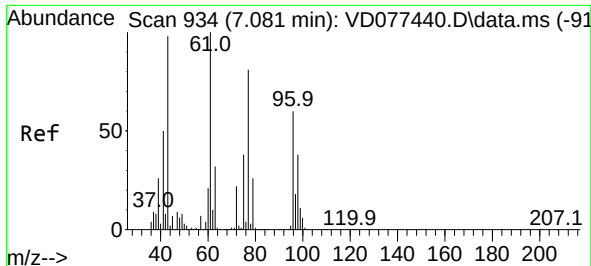
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 51.407 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

Tgt Ion: 63 Resp: 472548
 Ion Ratio Lower Upper
 63 100
 98 5.3 4.5 13.7
 100 3.7 2.5 7.5





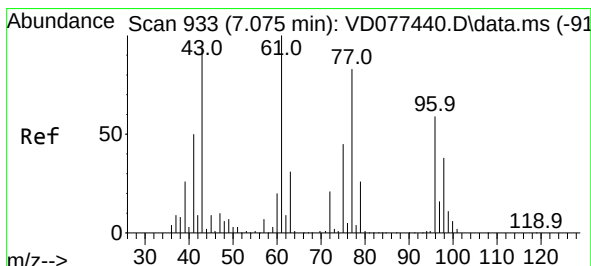
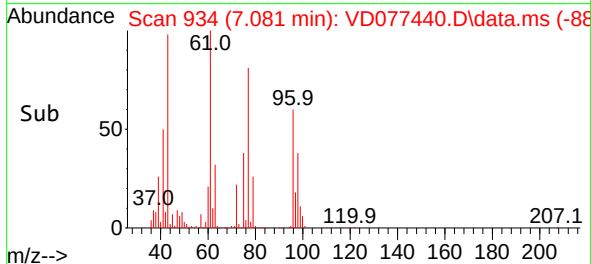
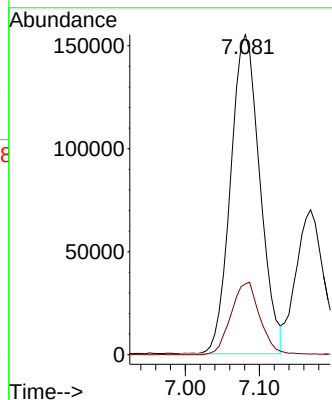
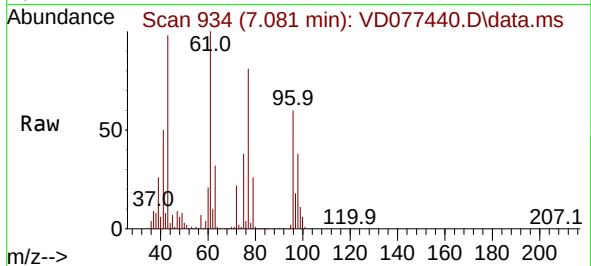
#25
2-Butanone
Concen: 245.754 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 424163
Ion Ratio Lower Upper
43 100
72 22.2 30.7 46.13

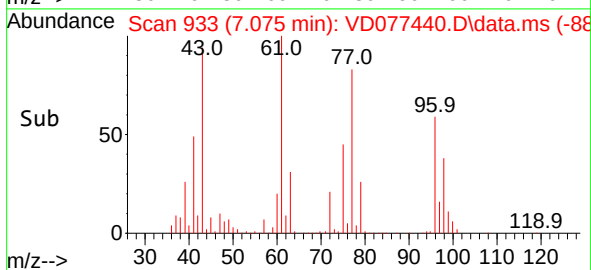
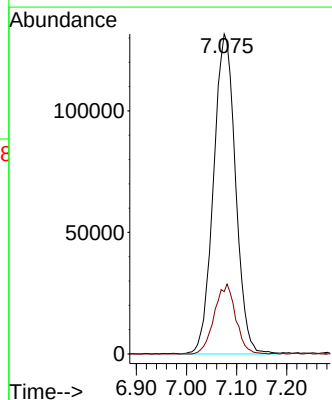
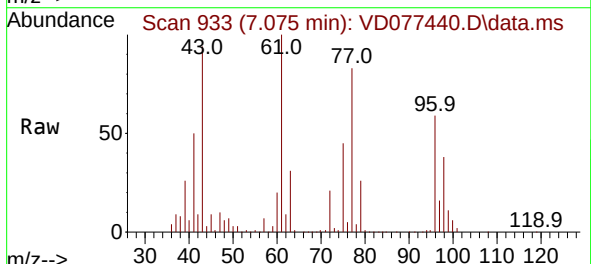
Manual Integrations
APPROVED

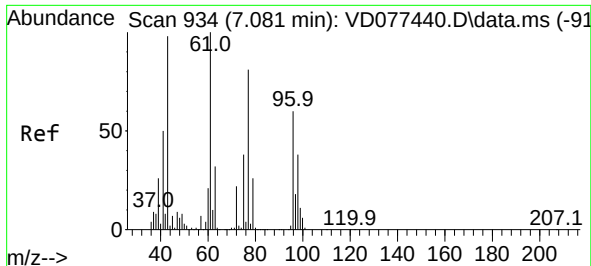
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 49.334 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

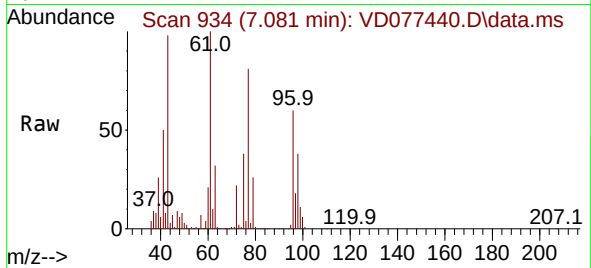
Tgt Ion: 77 Resp: 401890
Ion Ratio Lower Upper
77 100
97 21.2 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.066 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

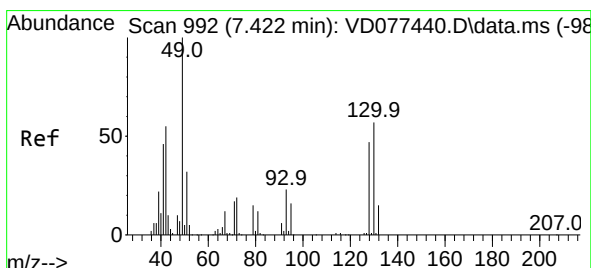
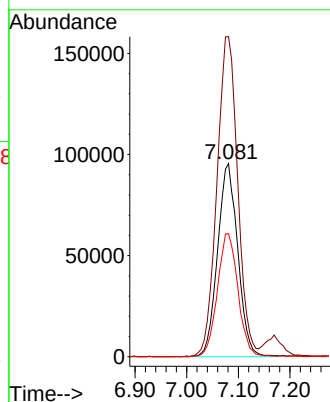
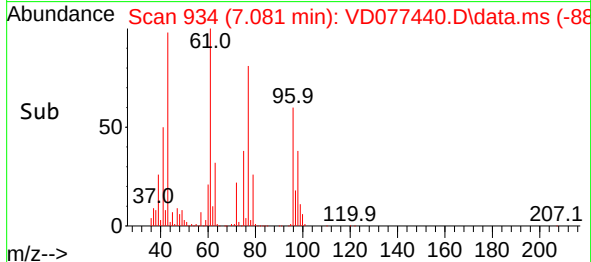
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 25956
 Ion Ratio Lower Upper
 96 100
 61 170.6 0.0 239.2
 98 64.9 0.0 128.6

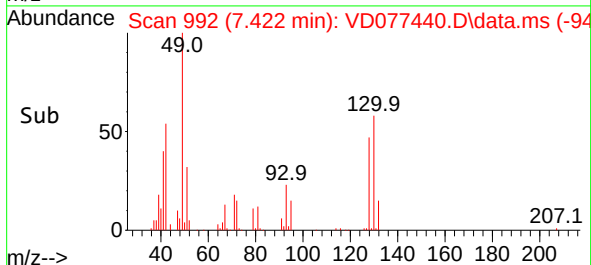
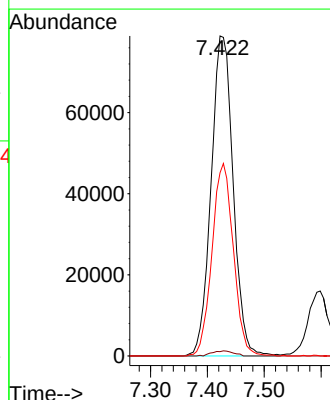
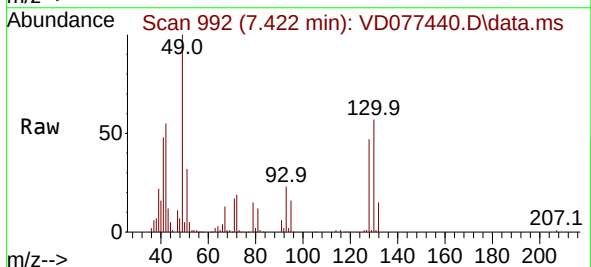
Manual Integrations
 APPROVED

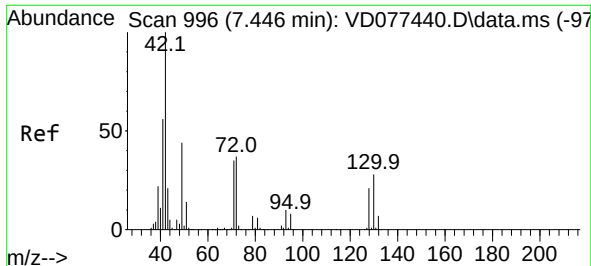
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 51.001 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

Tgt Ion: 49 Resp: 212723
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 58.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 256.412 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 262474

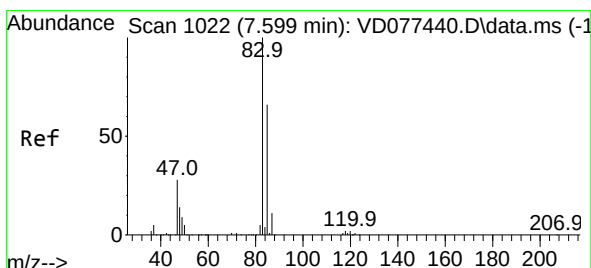
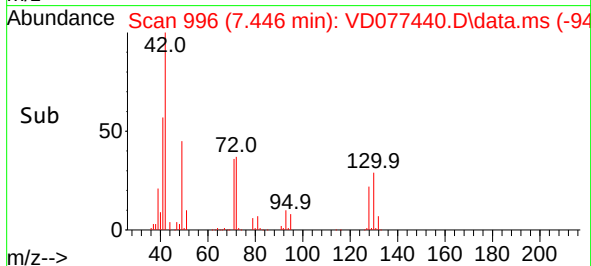
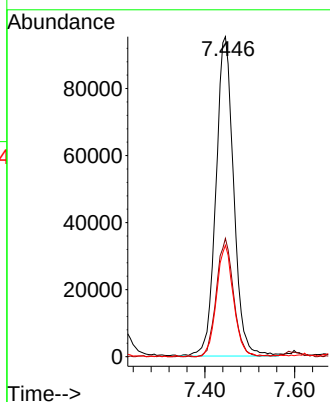
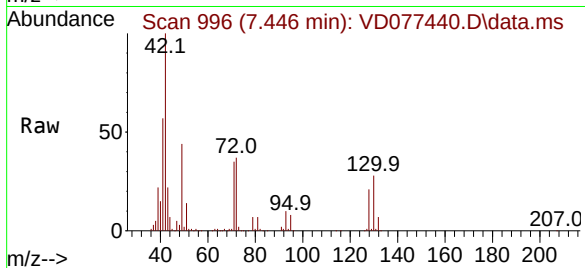
Ion	Ratio	Lower	Upper
42	100		
72	35.8	46.5	69.7
71	33.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 51.487 ug/l

RT: 7.599 min Scan# 1022

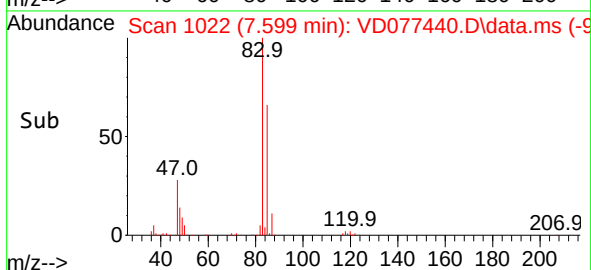
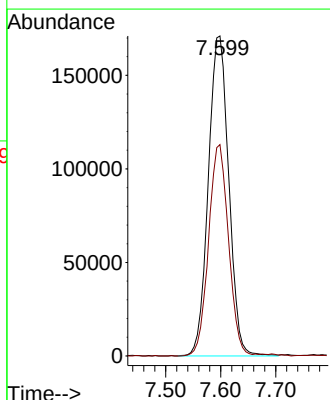
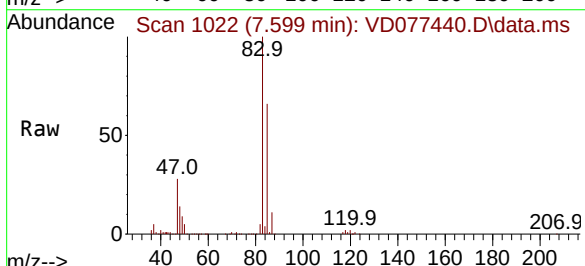
Delta R.T. 0.000 min

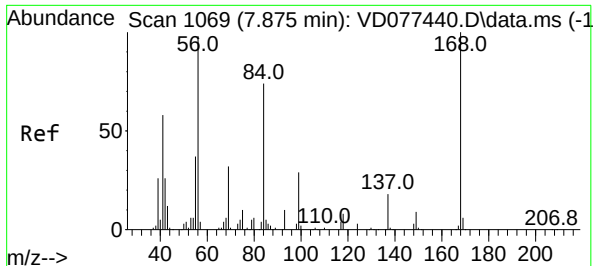
Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Tgt Ion: 83 Resp: 441901

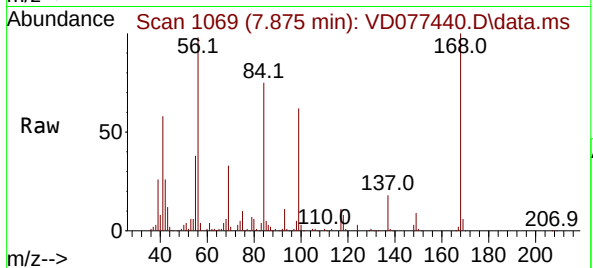
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.4	80.2





#31
Cyclohexane
Concen: 50.078 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

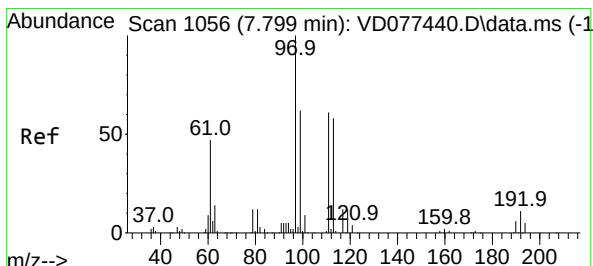
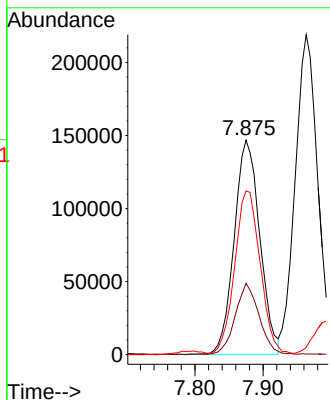
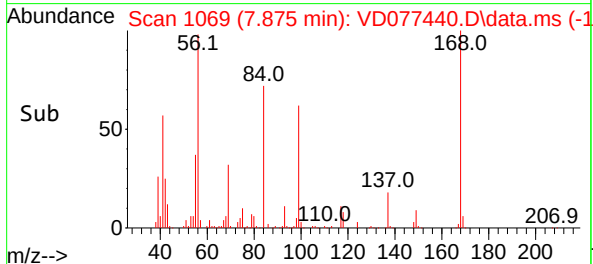
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 382815
Ion Ratio Lower Upper
56 100
69 33.1 28.6 43.0
84 75.5 84.8 127.2

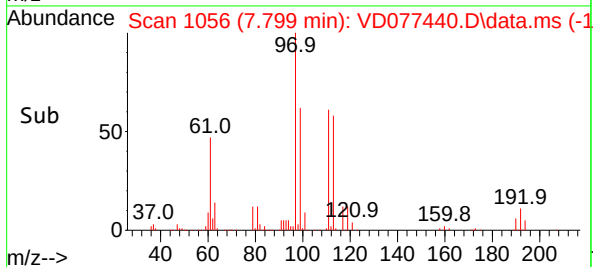
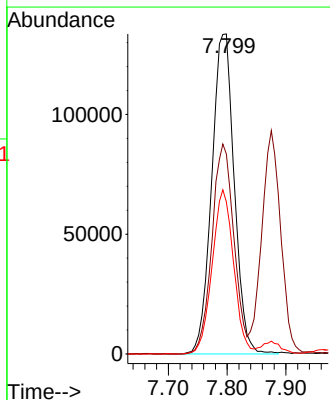
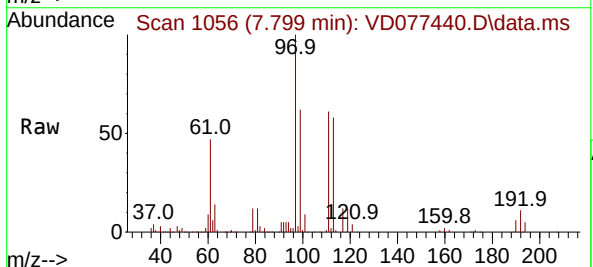
Manual Integrations
APPROVED

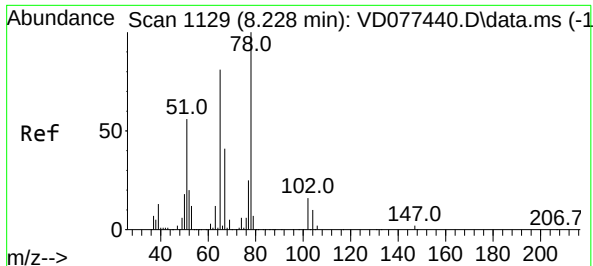
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 50.425 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion: 97 Resp: 356583
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 48.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.484 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 246872

Ion Ratio Lower Upper

65 100

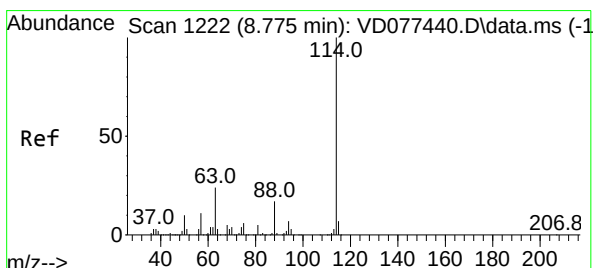
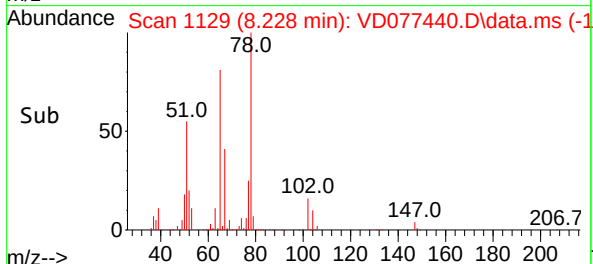
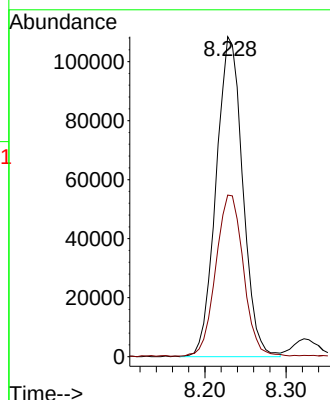
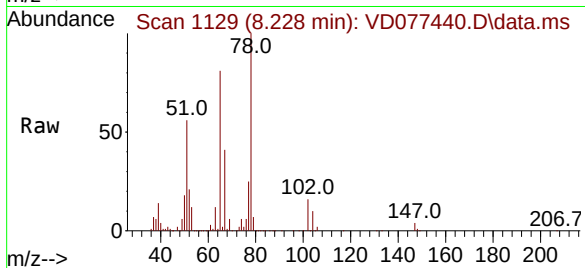
67 52.0 0.0 115.0

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: VD077440.D

Acq: 30 Oct 2023 11:08

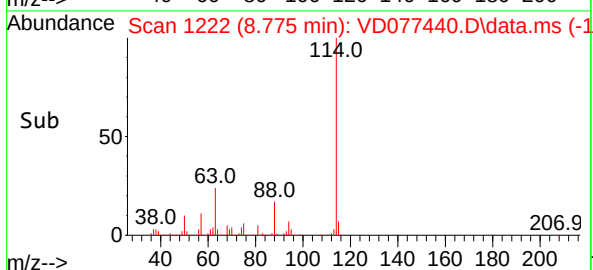
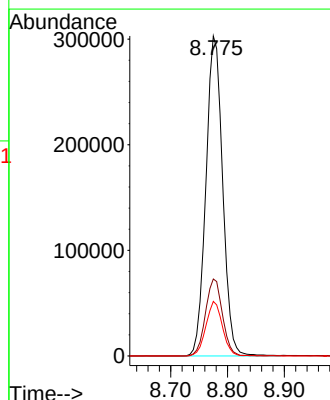
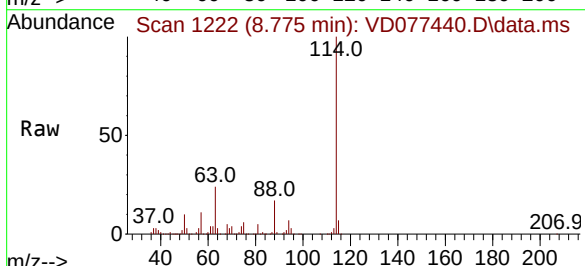
Tgt Ion:114 Resp: 618956

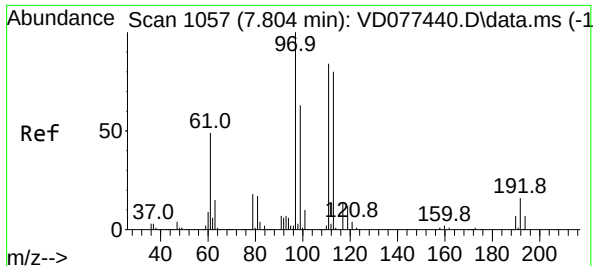
Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

88 17.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 21132

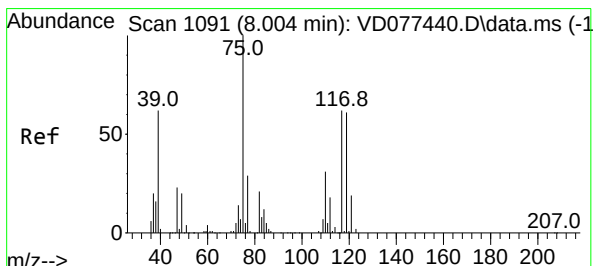
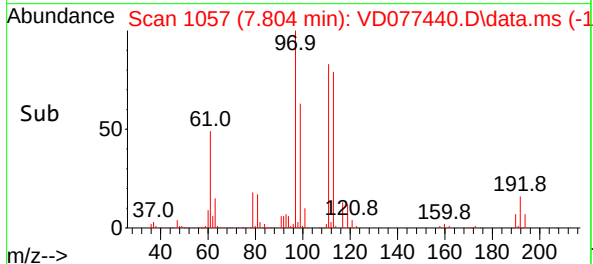
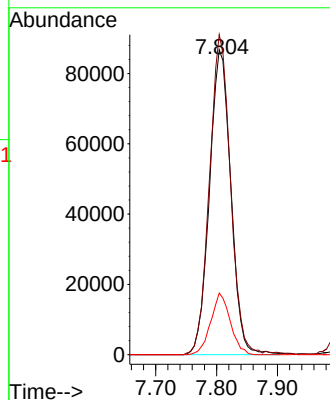
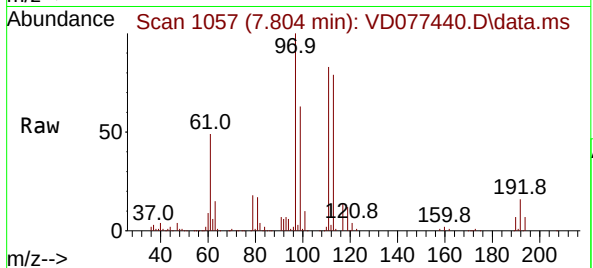
Ion	Ratio	Lower	Upper
113	100		
111	103.9	84.7	127.1
192	18.5	16.8	25.2

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 51.750 ug/l

RT: 8.004 min Scan# 1091

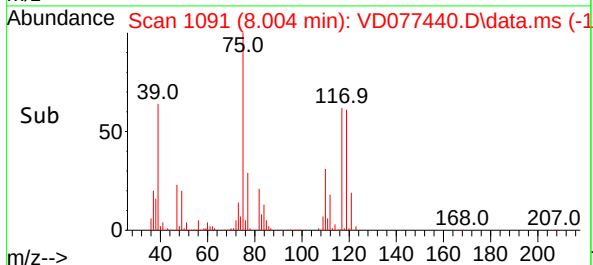
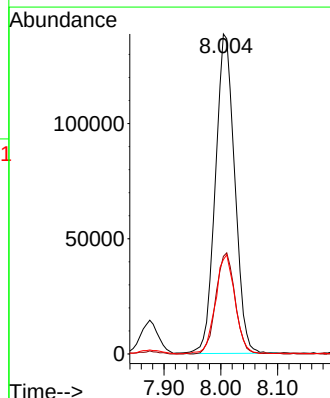
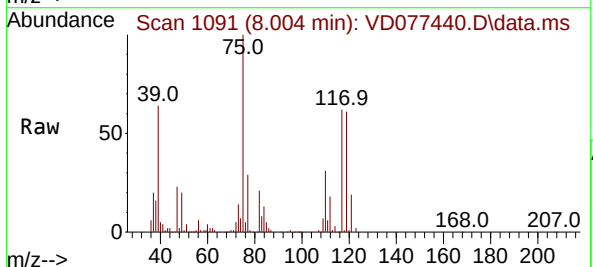
Delta R.T. 0.000 min

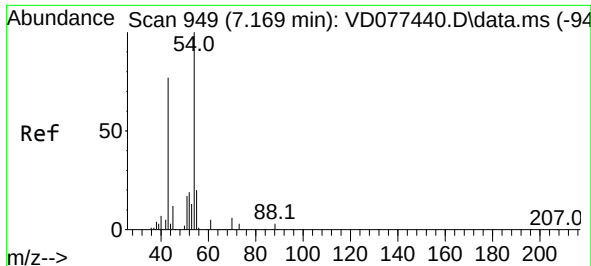
Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Tgt Ion: 75 Resp: 328238

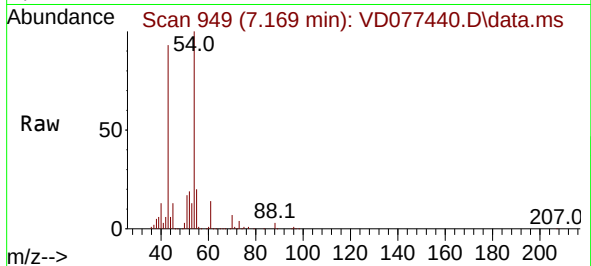
Ion	Ratio	Lower	Upper
75	100		
110	31.5	19.9	59.6
77	31.5	24.7	37.1





#37
Ethyl Acetate
Concen: 51.112 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

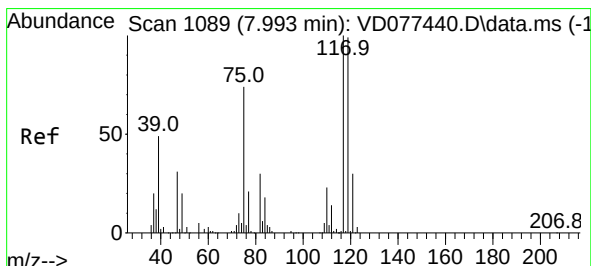
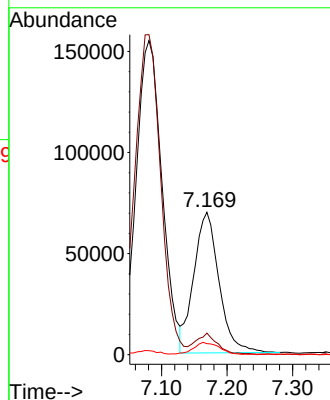
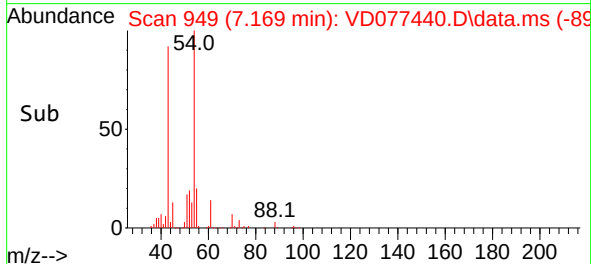
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 186050
Ion Ratio Lower Upper
43 100
61 12.7 14.9 22.3
70 9.1 10.0 15.0

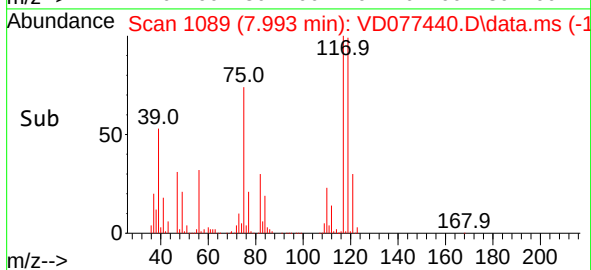
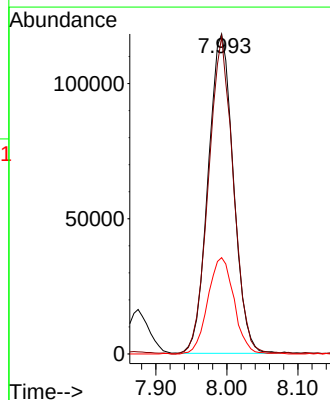
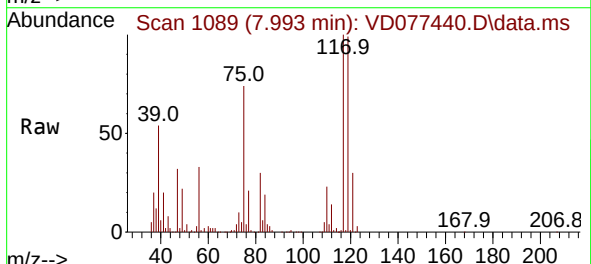
Manual Integrations
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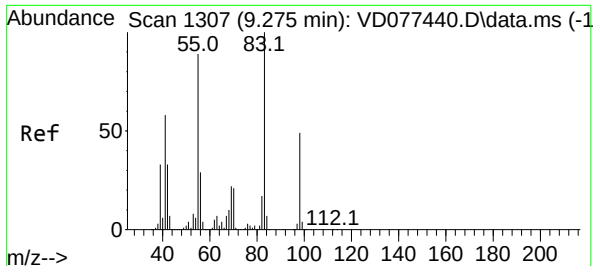
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#38
Carbon Tetrachloride
Concen: 48.849 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion:117 Resp: 291970
Ion Ratio Lower Upper
117 100
119 99.0 78.0 117.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 50.586 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

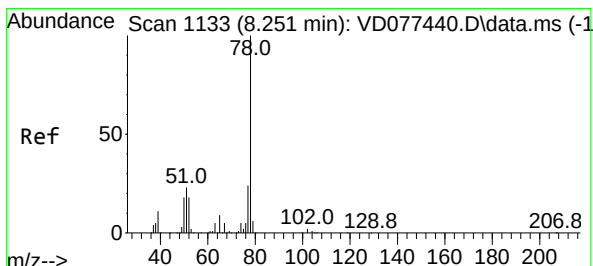
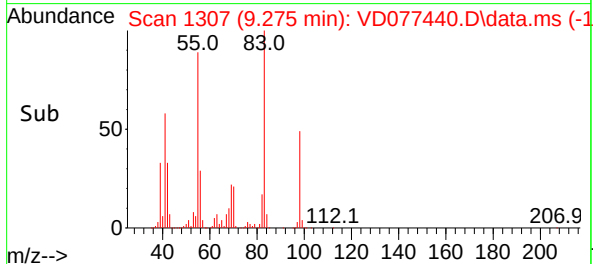
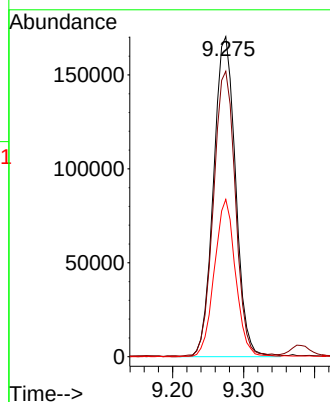
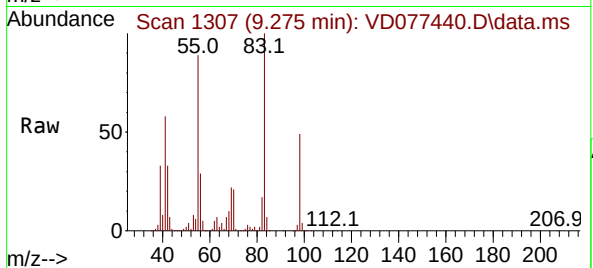
Tgt Ion: 83 Resp: 366095
 Ion Ratio Lower Upper
 83 100
 55 89.0 49.4 74.0
 98 49.0 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 52.130 ug/l

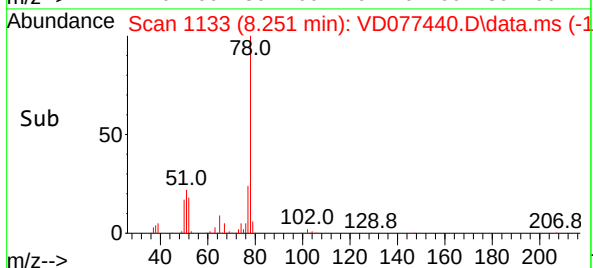
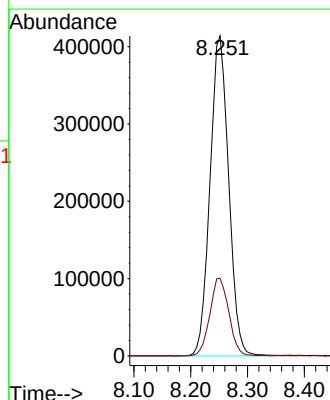
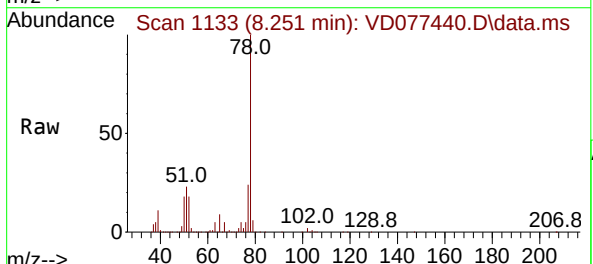
RT: 8.251 min Scan# 1133

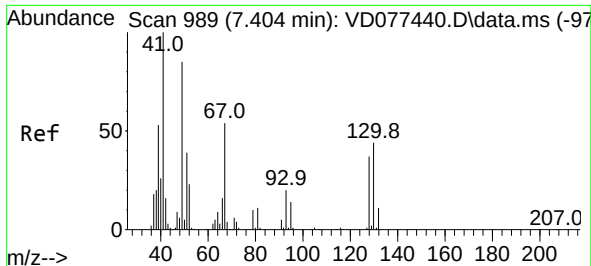
Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Tgt Ion: 78 Resp: 942847
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.4 29.0





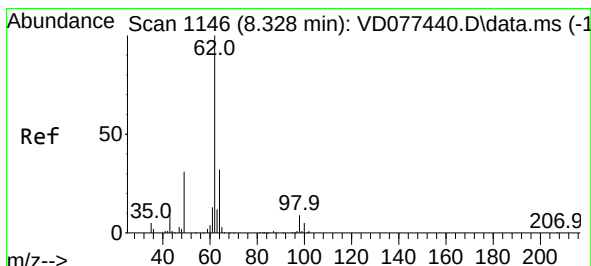
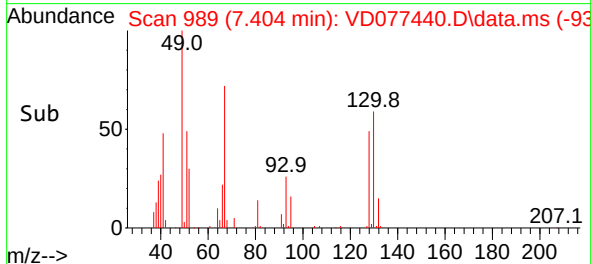
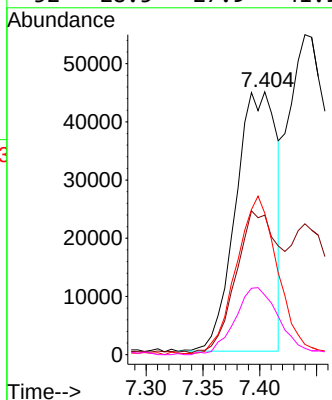
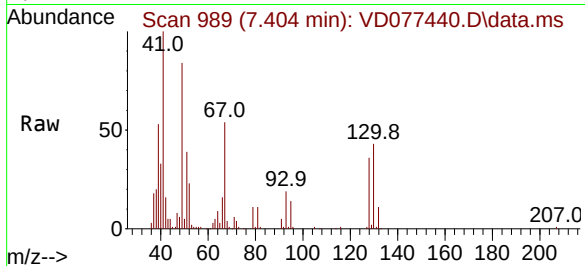
#41
Methacrylonitrile
Concen: 47.813 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 111362
Ion Ratio Lower Upper
41 100
39 57.9 34.0 51.0
67 61.5 77.0 115.4
52 28.5 27.9 41.9

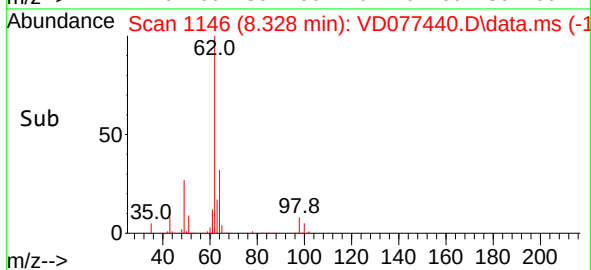
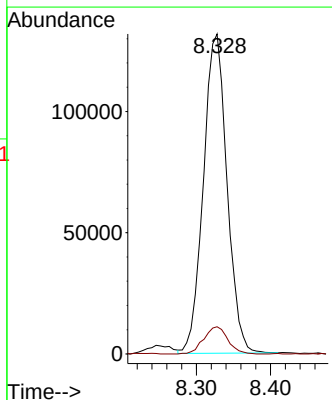
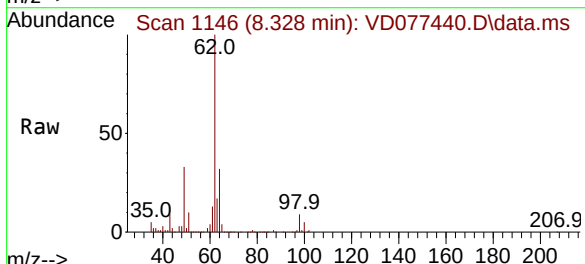
Manual Integrations
APPROVED

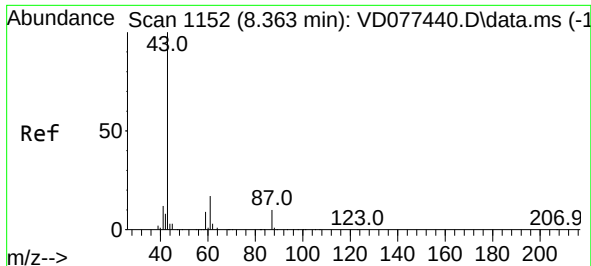
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 50.884 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

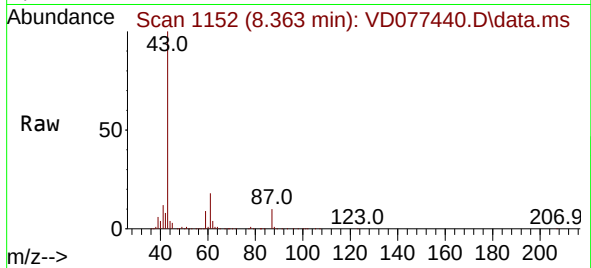
Tgt Ion: 62 Resp: 291490
Ion Ratio Lower Upper
62 100
98 8.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 51.452 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

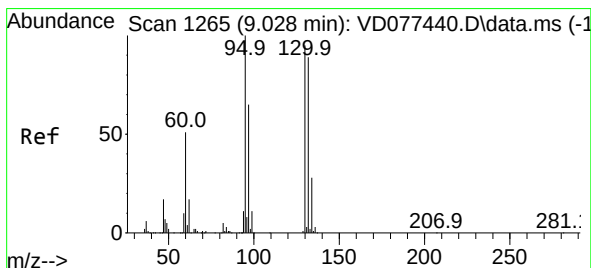
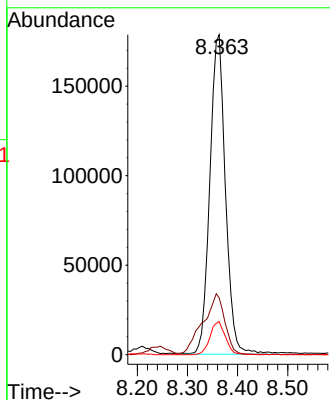
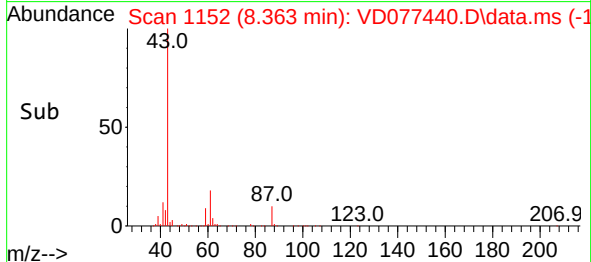
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 38649
Ion Ratio Lower Upper
43 100
61 26.5 31.4 47.0
87 10.2 14.9 22.3

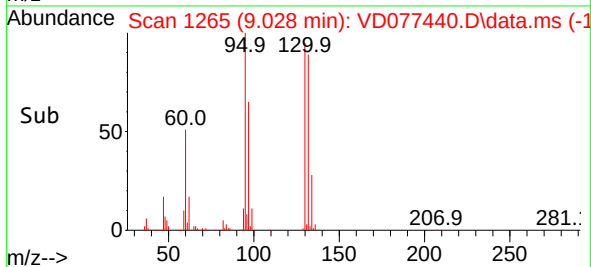
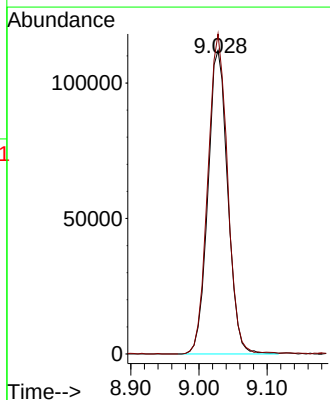
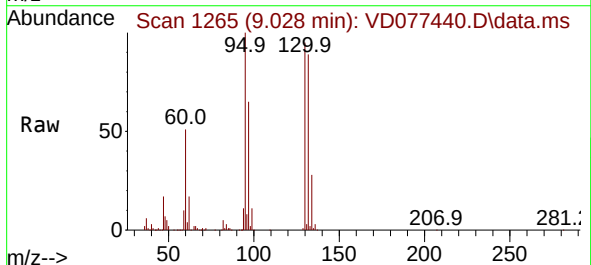
Manual Integrations
APPROVED

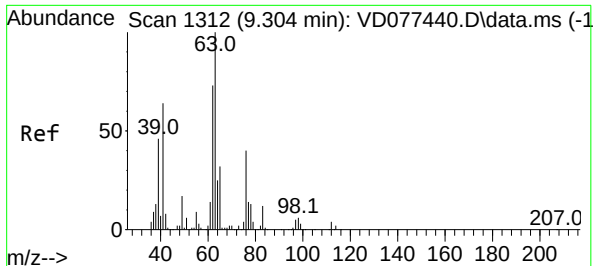
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#44
Trichloroethene
Concen: 51.060 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion:130 Resp: 226213
Ion Ratio Lower Upper
130 100
95 105.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.183 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 272540

Ion Ratio Lower Upper

63 100

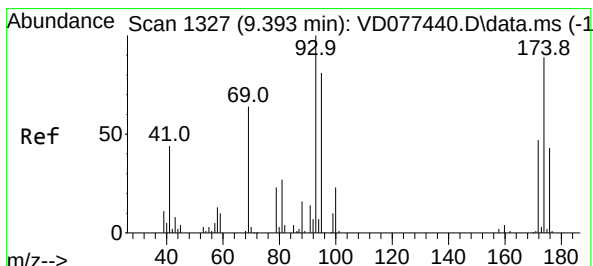
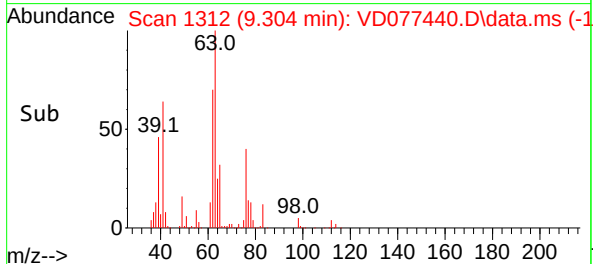
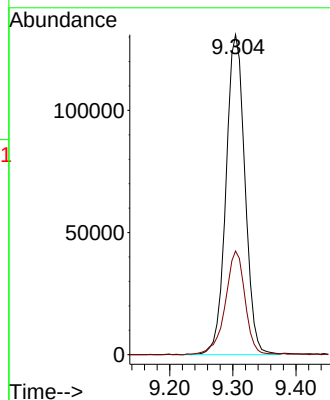
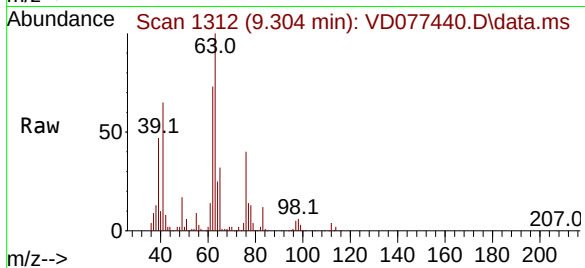
65 32.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 50.107 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

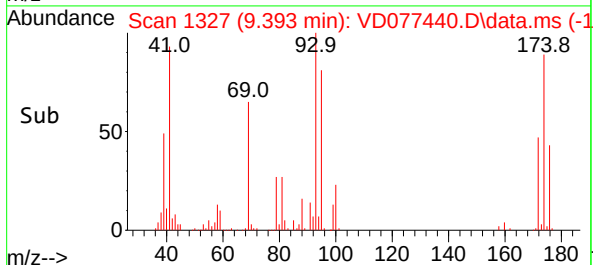
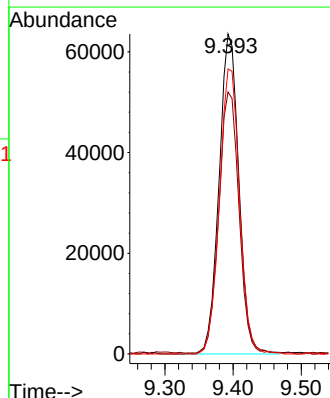
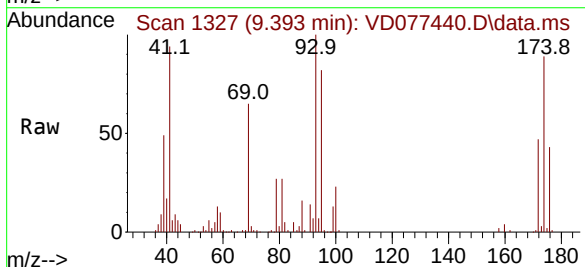
Tgt Ion: 93 Resp: 128401

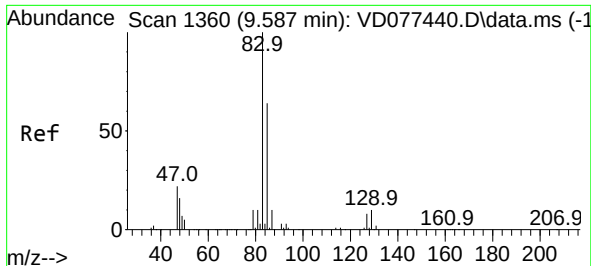
Ion Ratio Lower Upper

93 100

95 84.2 67.7 101.5

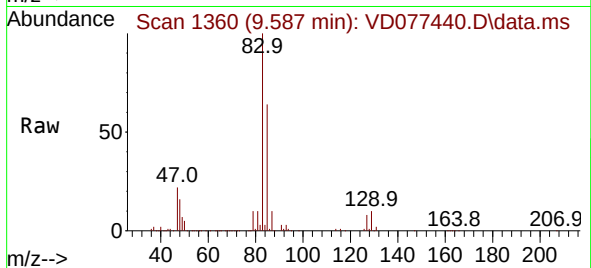
174 90.6 85.4 128.2





#47
Bromodichloromethane
Concen: 50.586 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

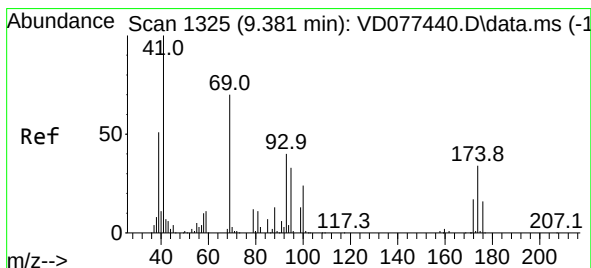
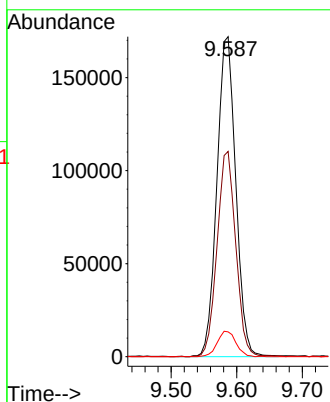
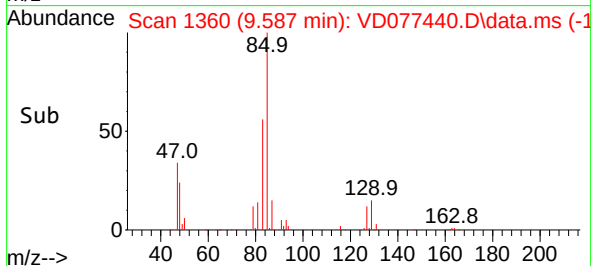
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



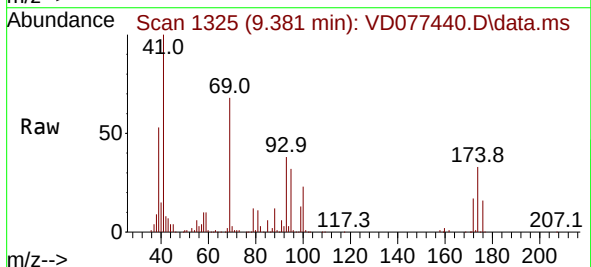
Tgt Ion: 83 Resp: 342623
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 7.8 6.3 9.5

Manual Integrations
APPROVED

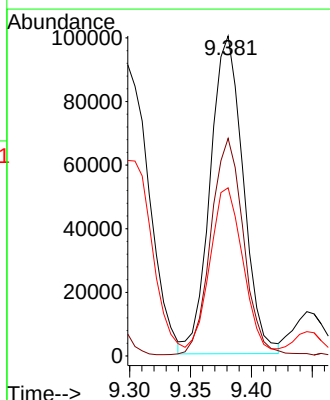
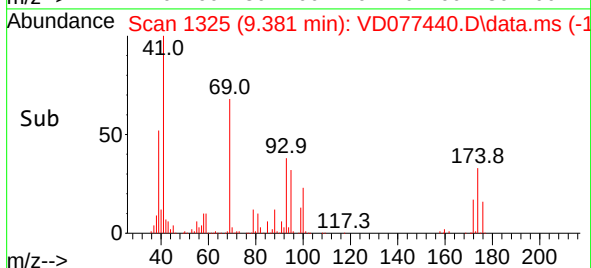
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

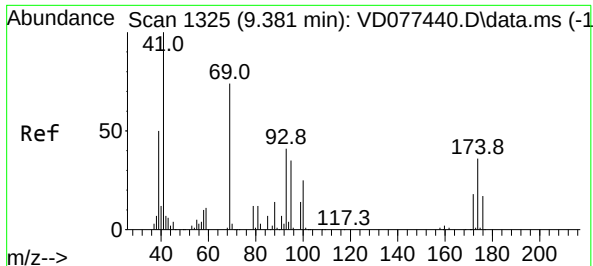


#48
Methyl methacrylate
Concen: 52.530 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



Tgt Ion: 41 Resp: 188356
Ion Ratio Lower Upper
41 100
69 67.6 102.2 153.2#
39 52.9 41.4 62.2





#49

1,4-Dioxane

Concen: 1013.141 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

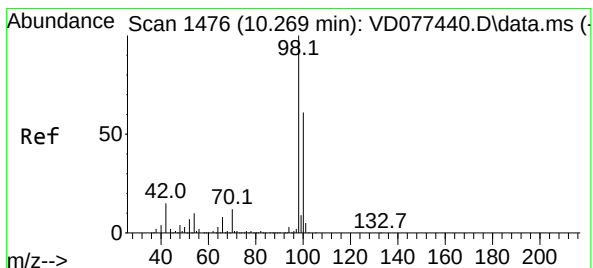
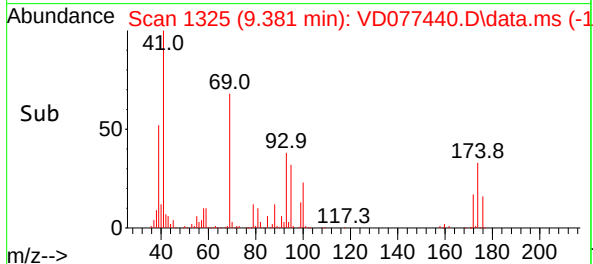
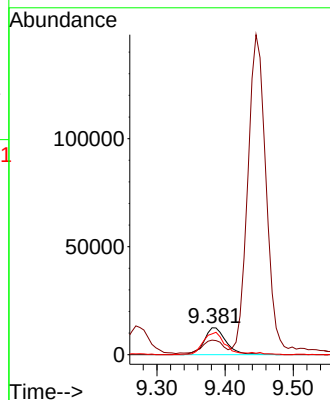
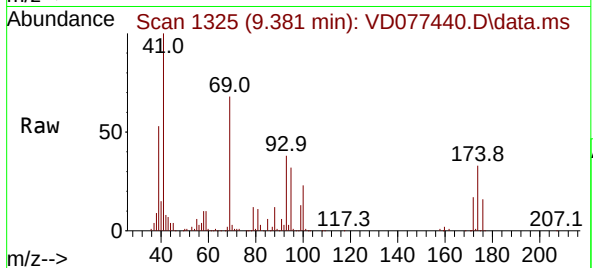
Tgt Ion:	88	Resp:	2789
Ion	Ratio	Lower	Upper
88	100		
43	47.0	19.0	28.6
58	82.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 49.228 ug/l

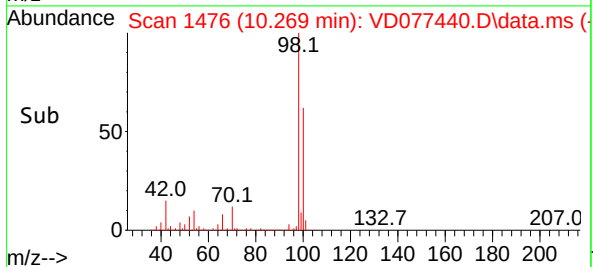
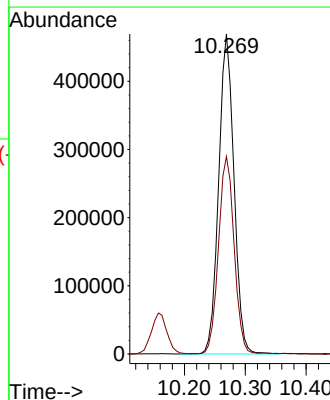
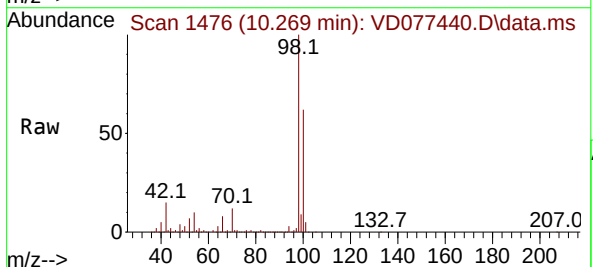
RT: 10.269 min Scan# 1476

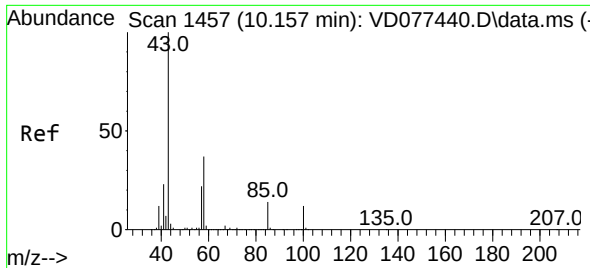
Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

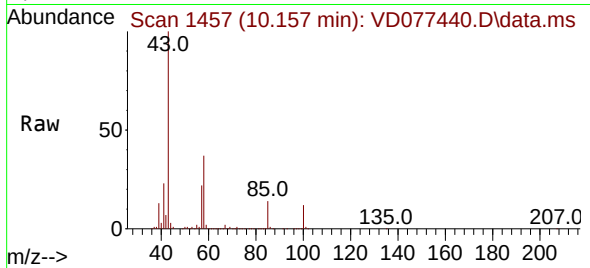
Tgt Ion:	98	Resp:	818017
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 245.994 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

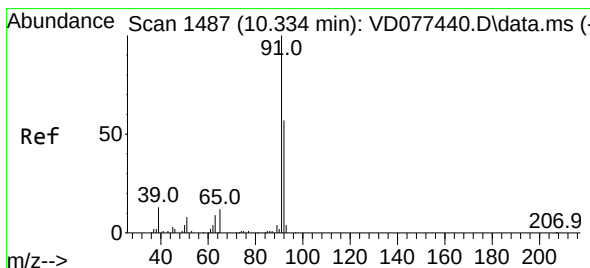
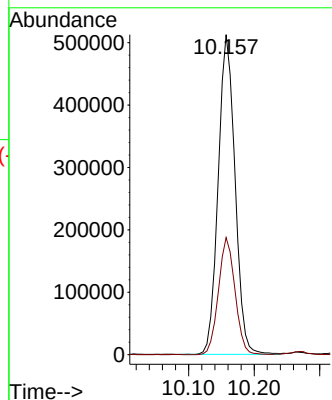
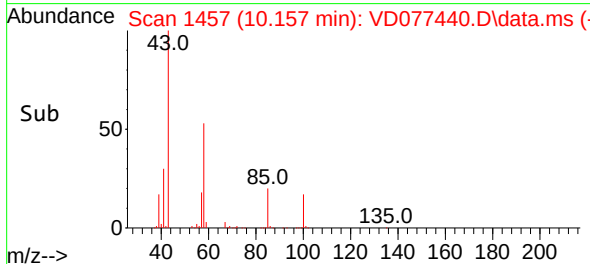
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 909533
Ion Ratio Lower Upper
43 100
58 36.1 38.9 58.3

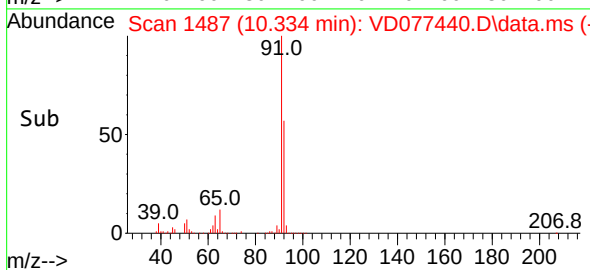
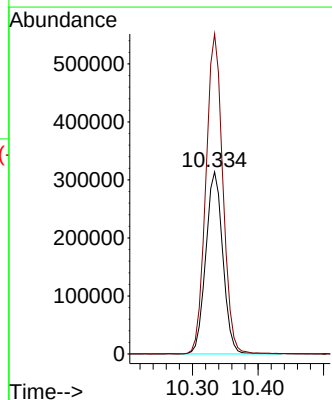
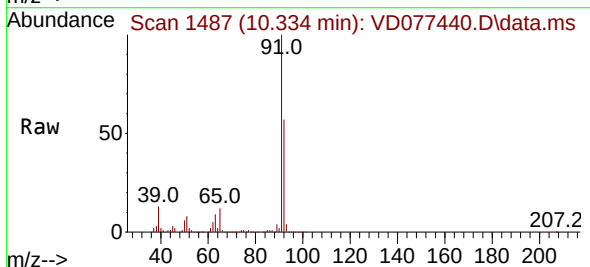
Manual Integrations
APPROVED

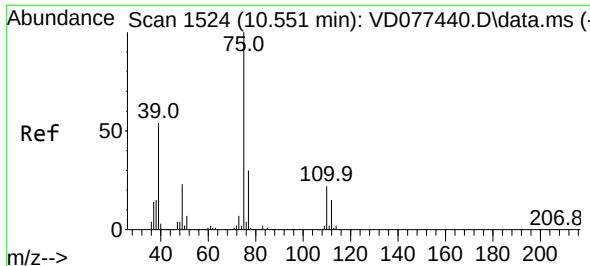
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 51.457 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

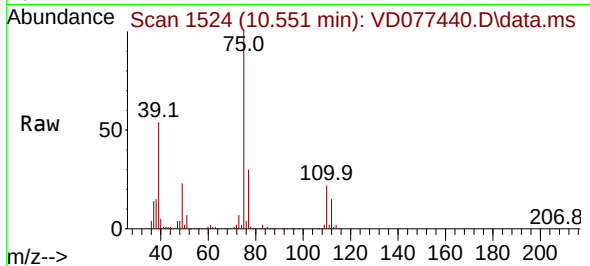
Tgt Ion: 92 Resp: 567363
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 51.009 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

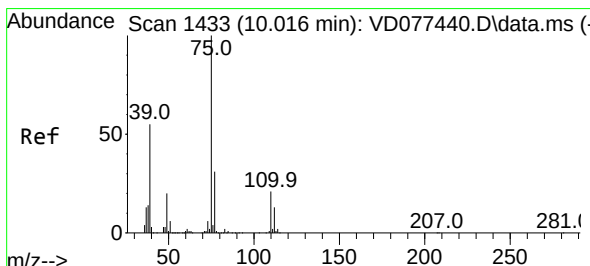
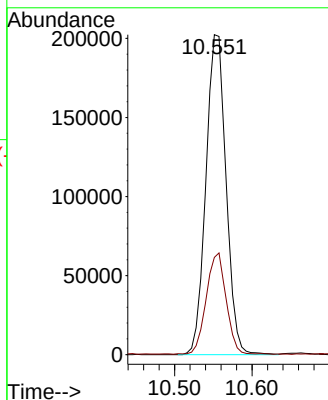
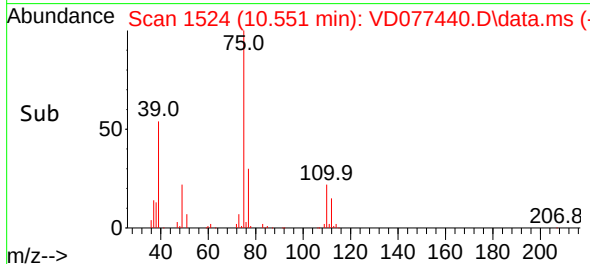
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



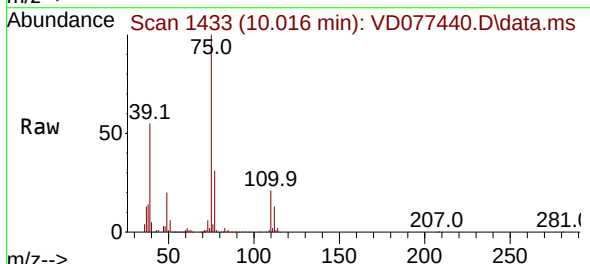
Tgt Ion: 75 Resp: 365838
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9

Manual Integrations
APPROVED

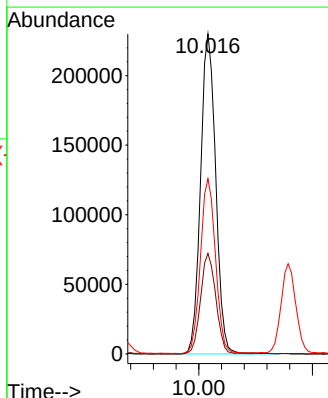
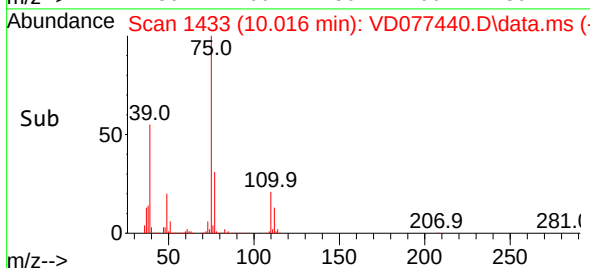
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

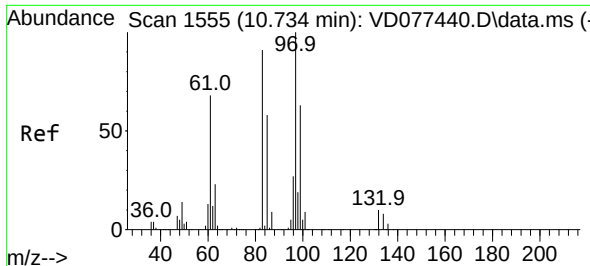


#54
cis-1,3-Dichloropropene
Concen: 51.433 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



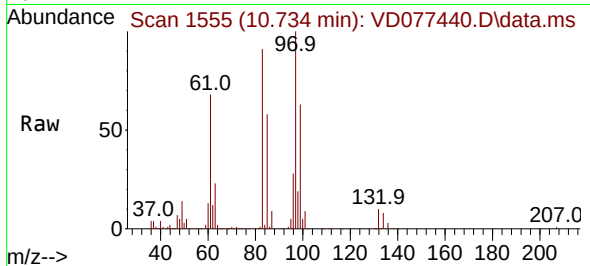
Tgt Ion: 75 Resp: 424488
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 54.6 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 49.224 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

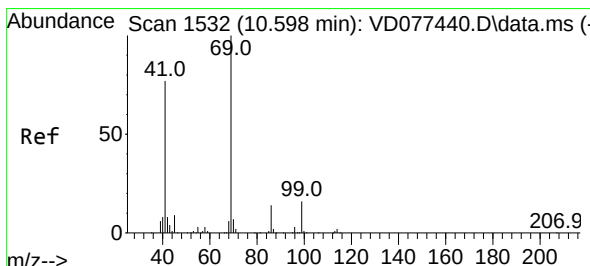
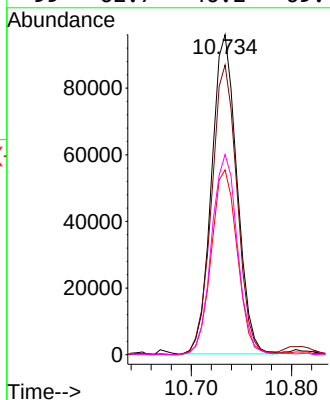
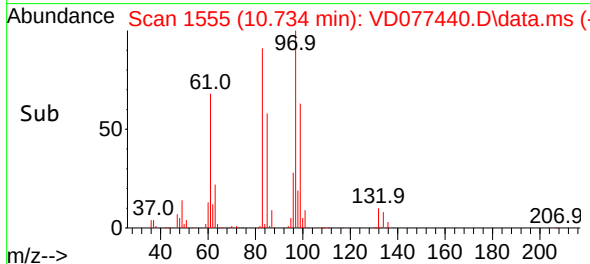
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



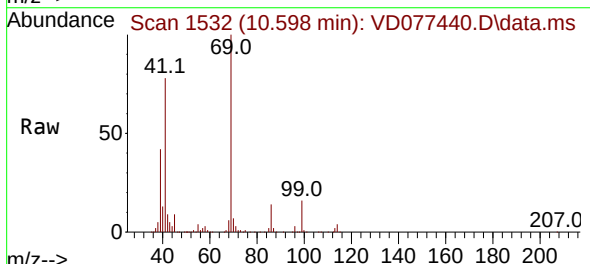
Tgt Ion: 97 Resp: 168288
Ion Ratio Lower Upper
97 100
83 90.8 65.8 98.6
85 57.9 45.7 68.5
99 62.7 46.2 69.4

Manual Integrations
APPROVED

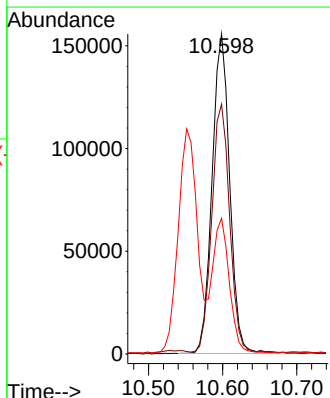
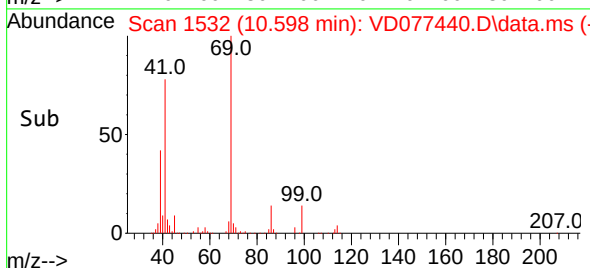
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

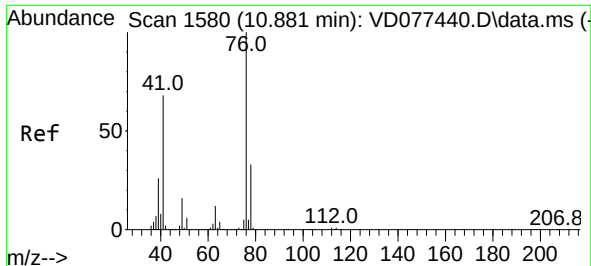


#56
Ethyl methacrylate
Concen: 50.371 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



Tgt Ion: 69 Resp: 256048
Ion Ratio Lower Upper
69 100
41 78.5 39.1 58.7#
39 41.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 51.017 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077440.D

Acq: 30 Oct 2023 11:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 326014

Ion Ratio Lower Upper

76 100

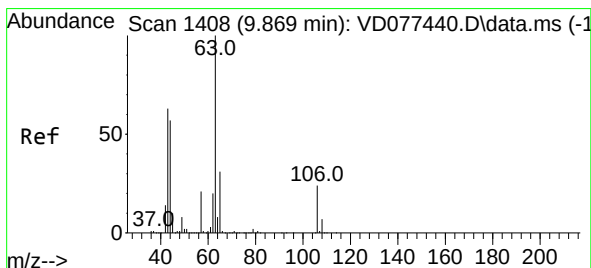
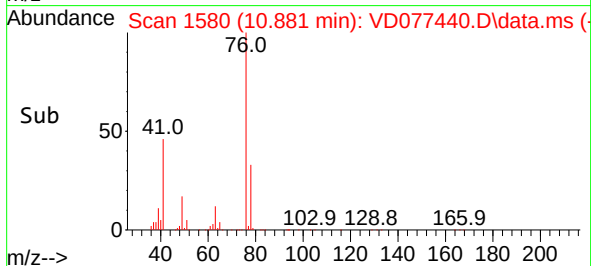
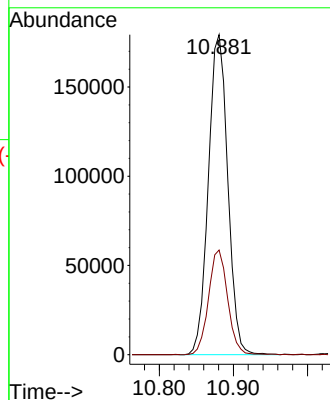
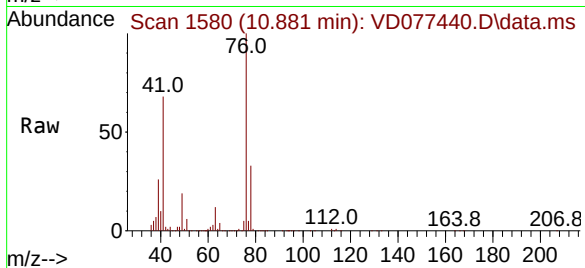
78 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 265.095 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077440.D

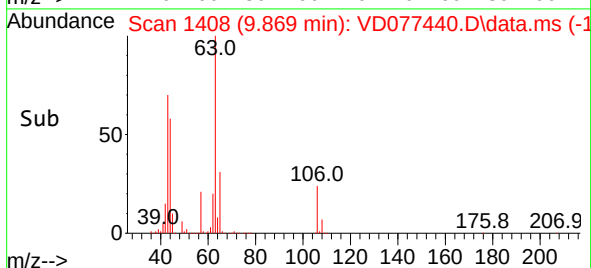
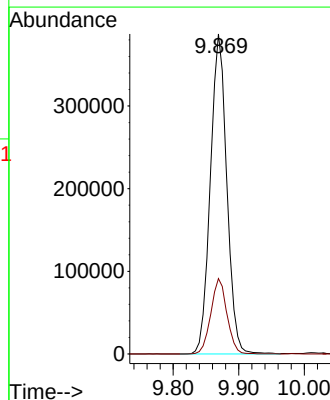
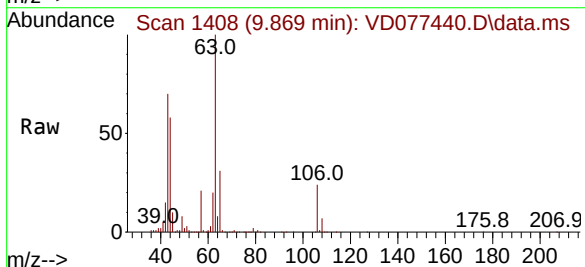
Acq: 30 Oct 2023 11:08

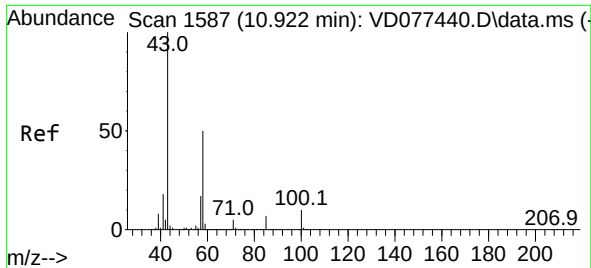
Tgt Ion: 63 Resp: 674618

Ion Ratio Lower Upper

63 100

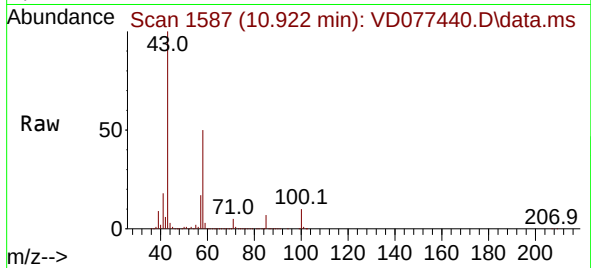
106 23.0 25.3 37.9





#59
2-Hexanone
Concen: 243.179 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

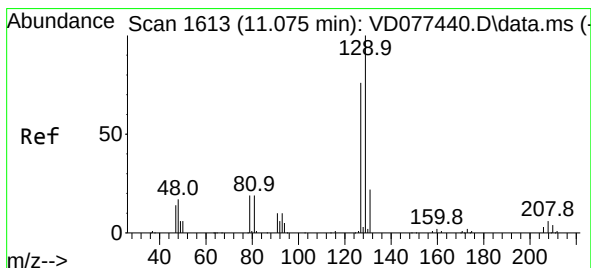
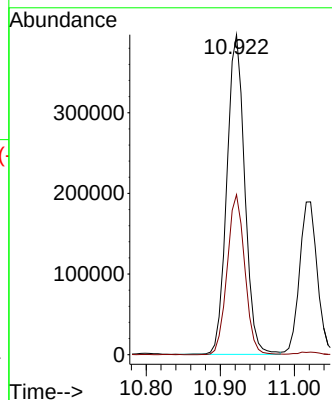
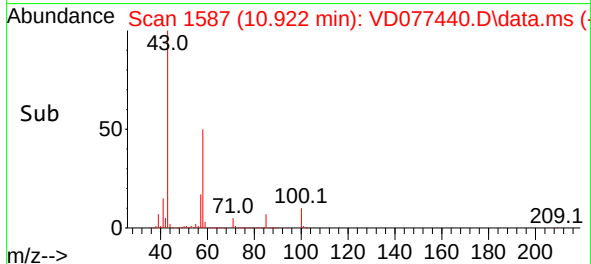
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 662354
Ion Ratio Lower Upper
43 100
58 49.4 34.1 102.2

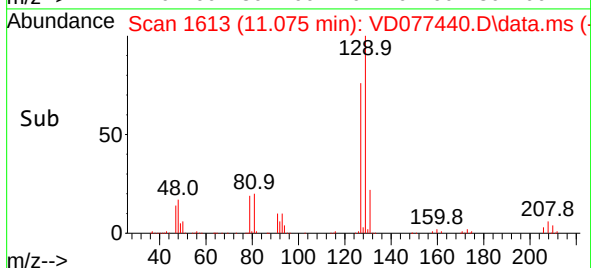
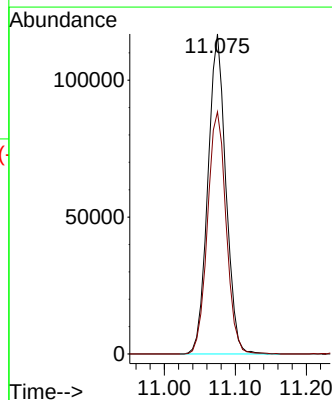
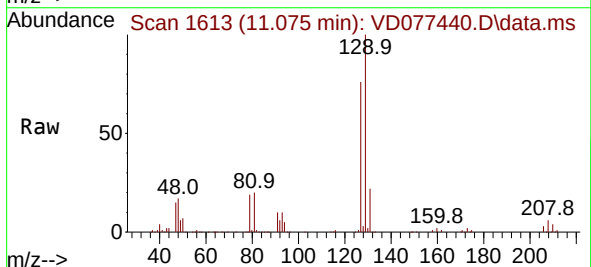
Manual Integrations
APPROVED

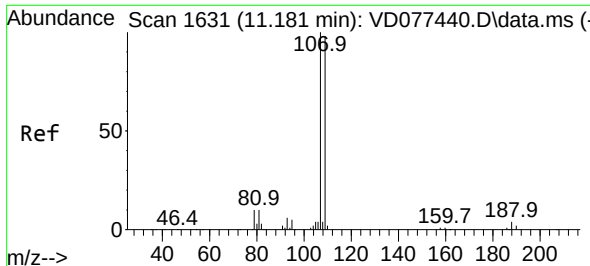
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 49.930 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

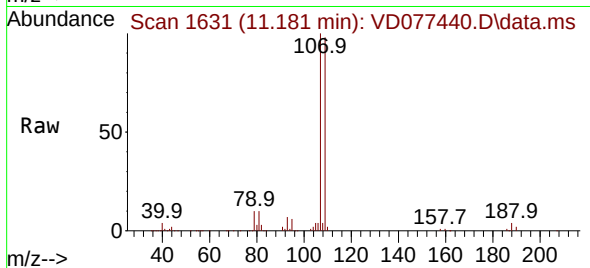
Tgt Ion:129 Resp: 205261
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 50.733 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

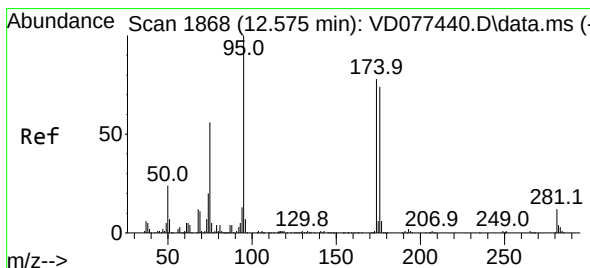
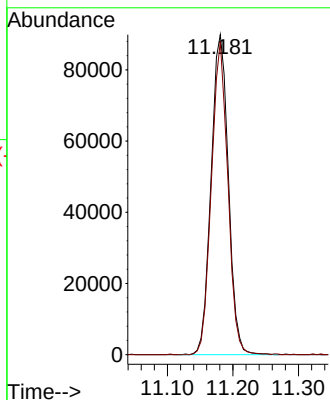
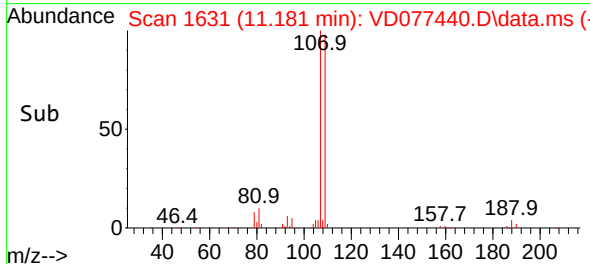
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



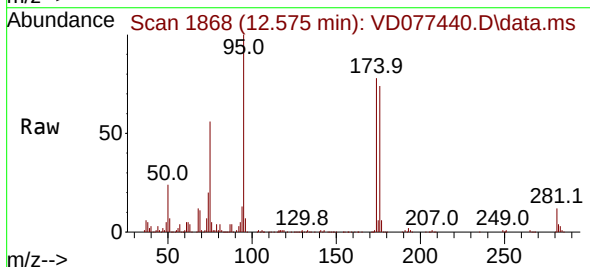
Tgt Ion:107 Resp: 16425
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4

Manual Integrations
APPROVED

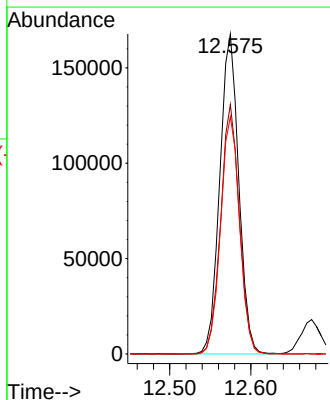
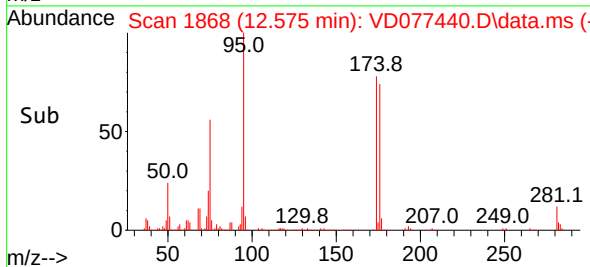
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

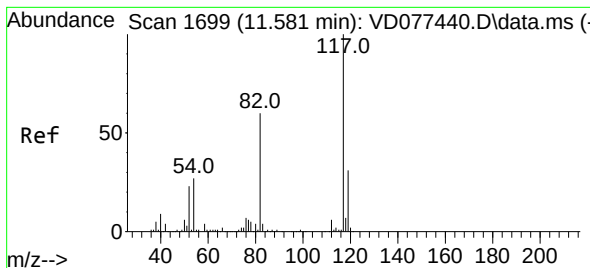


#62
4-Bromofluorobenzene
Concen: 48.704 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



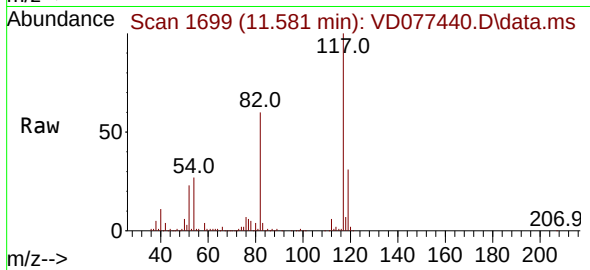
Tgt Ion: 95 Resp: 272580
Ion Ratio Lower Upper
95 100
174 76.7 0.0 201.8
176 74.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

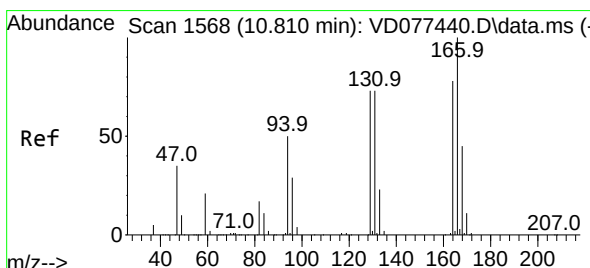
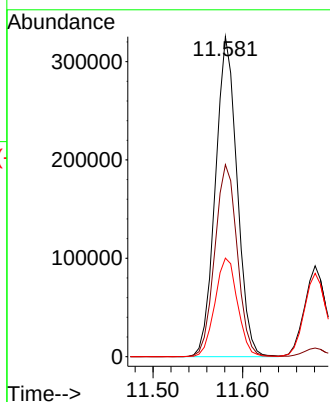
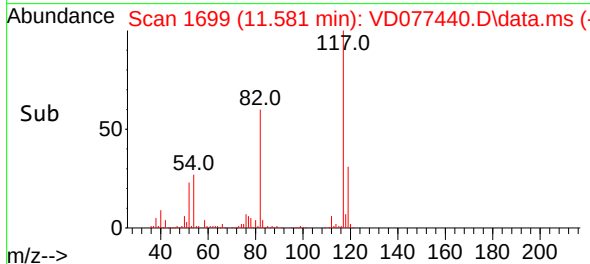
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 546962
Ion Ratio Lower Upper
117 100
82 59.9 38.3 57.5
119 30.8 25.0 37.4

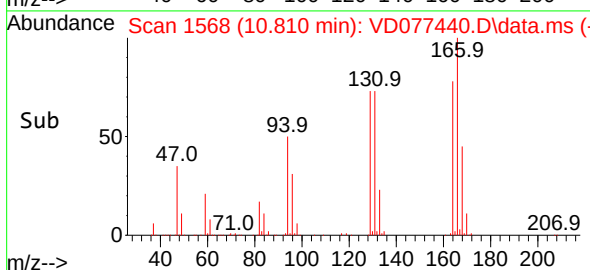
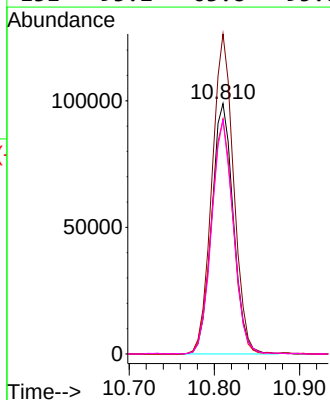
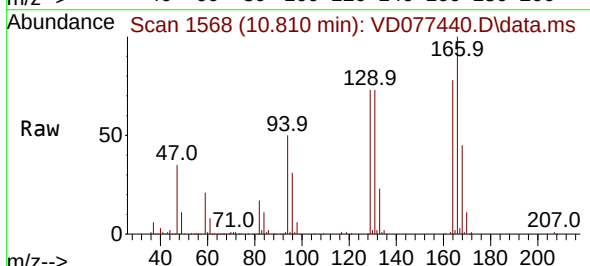
Manual Integrations
APPROVED

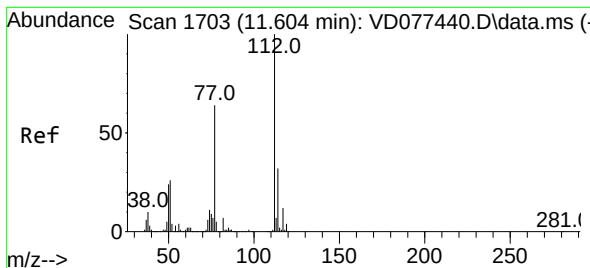
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 50.088 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

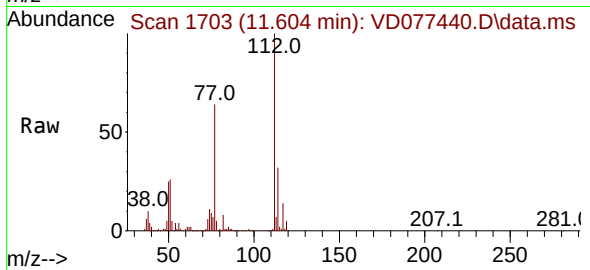
Tgt Ion:164 Resp: 174420
Ion Ratio Lower Upper
164 100
166 127.8 99.2 148.8
129 93.8 68.4 102.6
131 93.2 63.8 95.8





#65
Chlorobenzene
Concen: 50.850 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

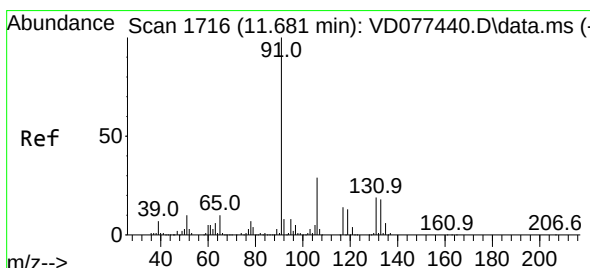
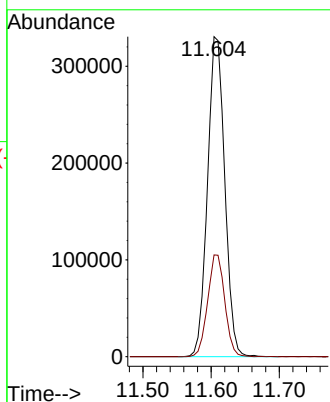
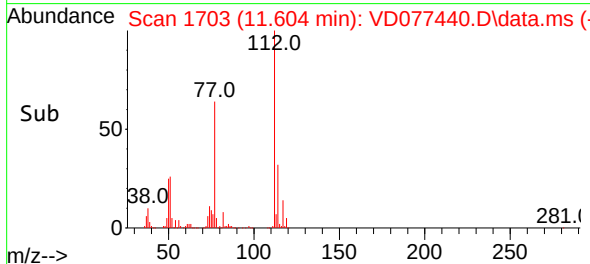
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



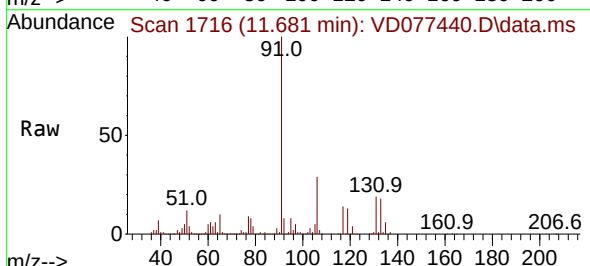
Tgt Ion:112 Resp: 58268
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

Manual Integrations
APPROVED

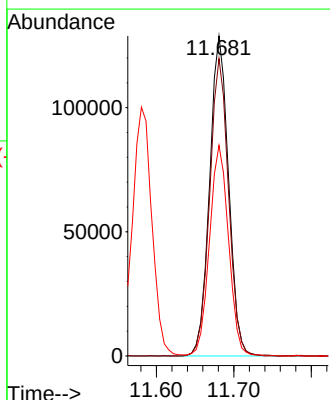
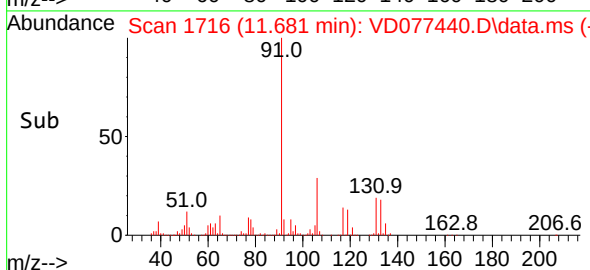
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

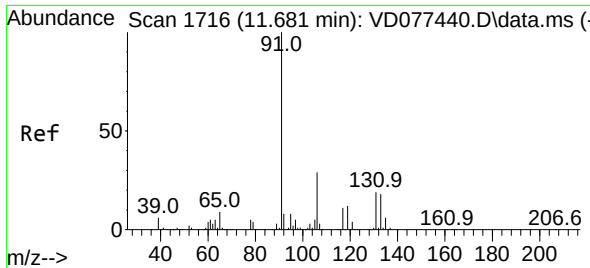


#66
1,1,1,2-Tetrachloroethane
Concen: 50.641 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



Tgt Ion:131 Resp: 219288
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 66.1 35.6 106.9





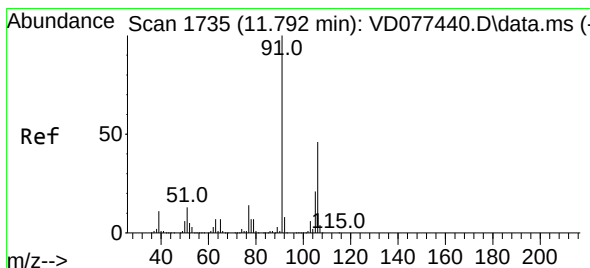
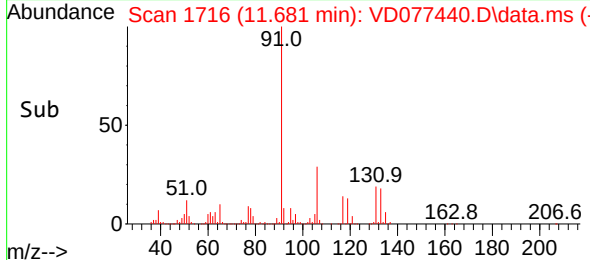
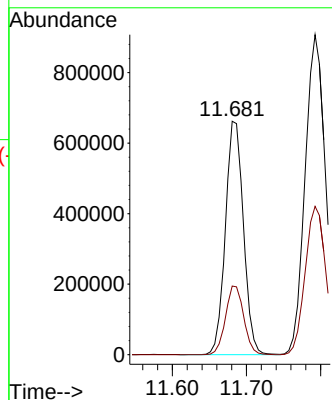
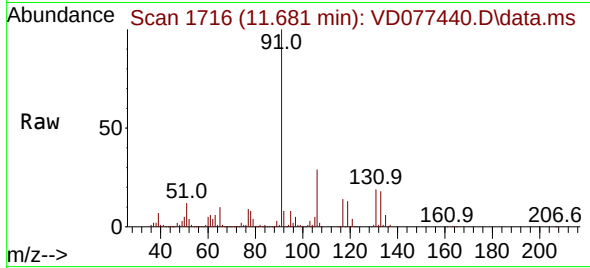
#67
Ethyl Benzene
Concen: 50.789 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1119792
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7

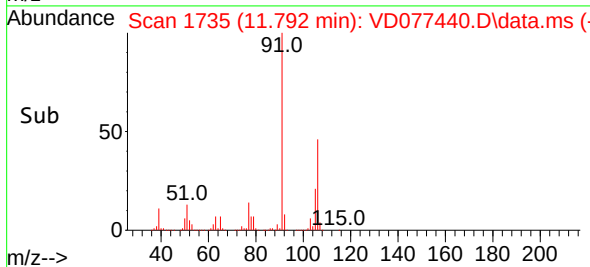
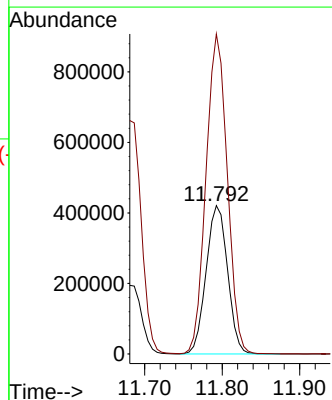
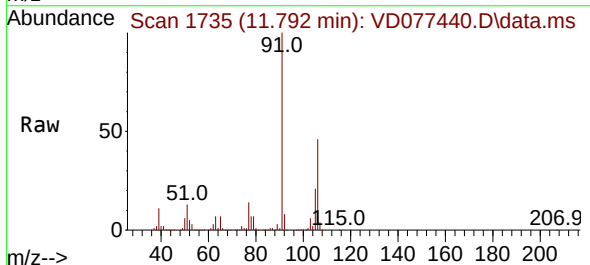
Manual Integrations
APPROVED

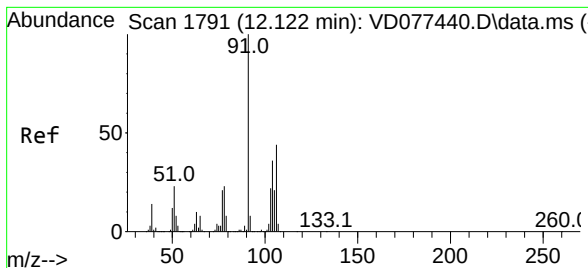
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 101.641 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

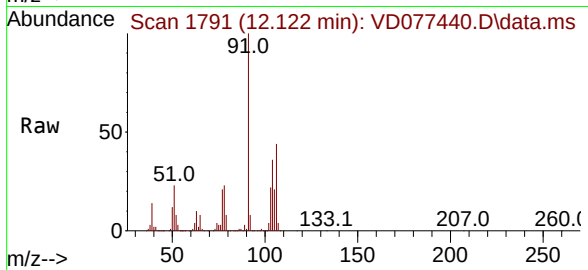
Tgt Ion:106 Resp: 809237
Ion Ratio Lower Upper
106 100
91 213.4 147.0 220.6





#69
o-Xylene
Concen: 51.309 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

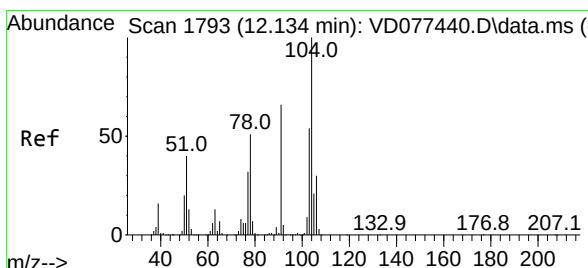
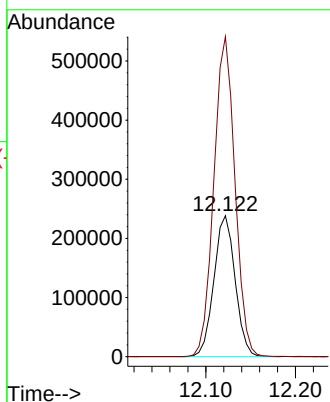
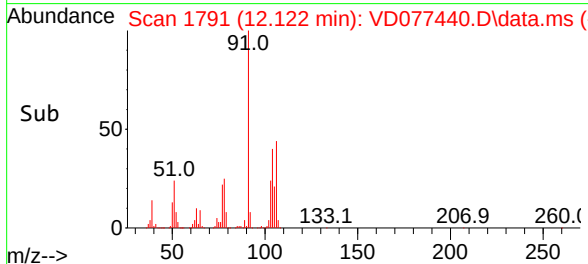
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 391293
Ion Ratio Lower Upper
106 100
91 225.9 97.9 293.6

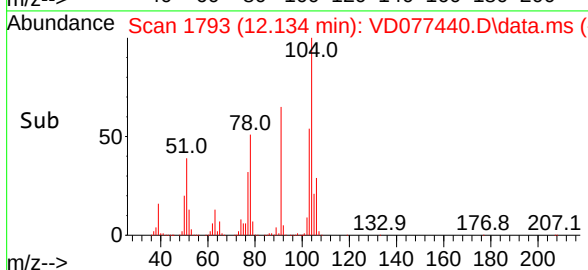
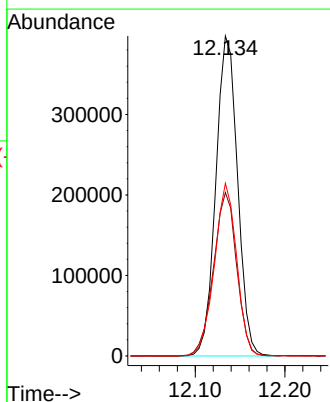
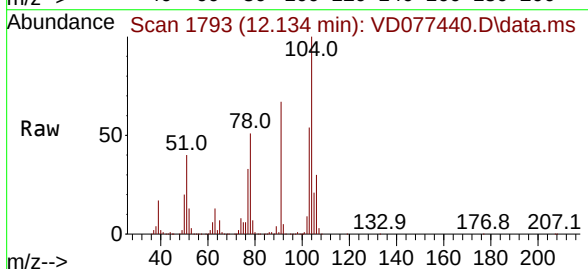
Manual Integrations
APPROVED

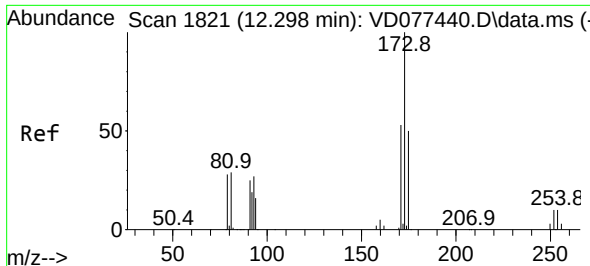
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 50.795 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

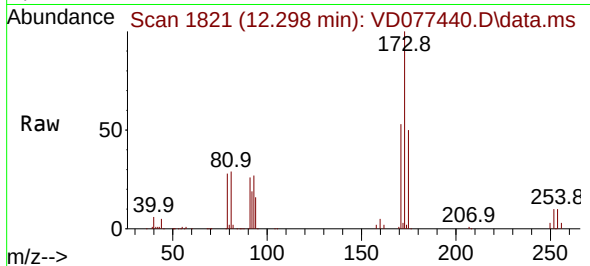
Tgt Ion:104 Resp: 668265
Ion Ratio Lower Upper
104 100
78 54.6 33.2 49.8#
103 55.5 43.6 65.4





#71
Bromoform
Concen: 49.377 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

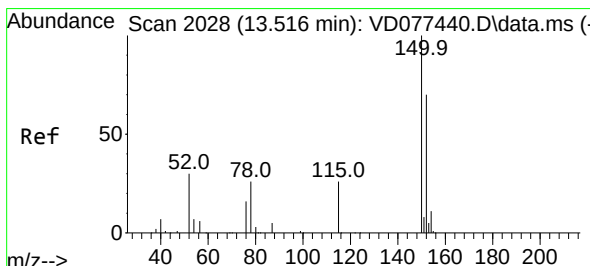
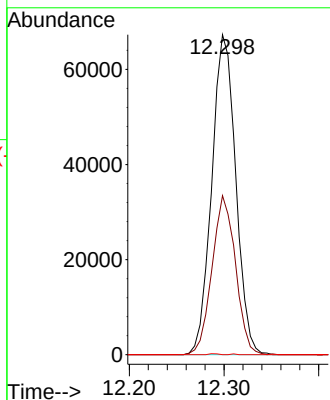
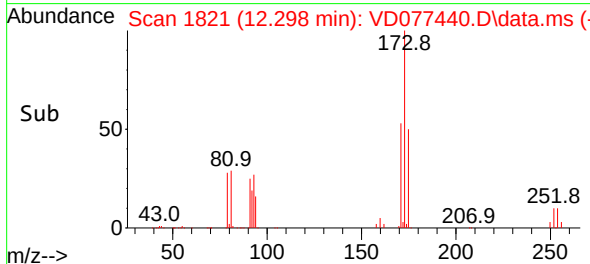
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 118538
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.1 0.0 0.0

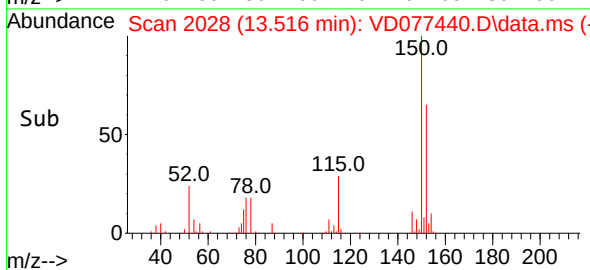
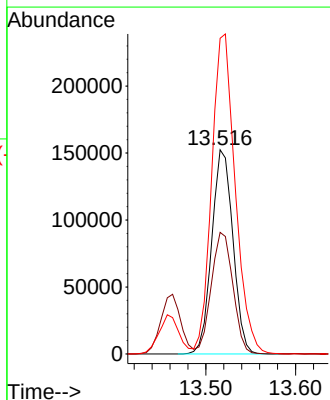
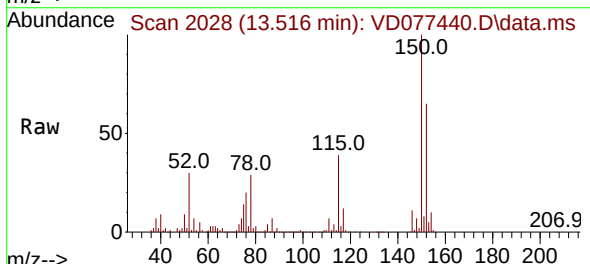
Manual Integrations
APPROVED

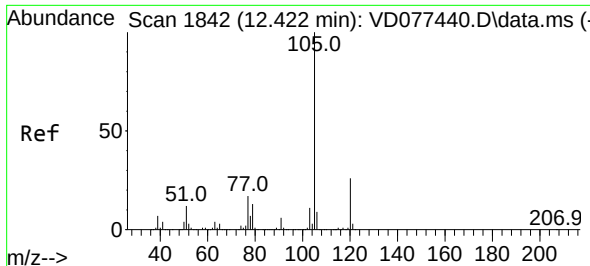
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

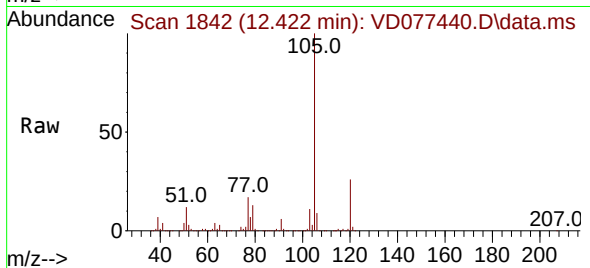
Tgt Ion:152 Resp: 250032
Ion Ratio Lower Upper
152 100
115 60.9 27.1 81.3
150 173.9 0.0 353.6





#73
Isopropylbenzene
Concen: 49.906 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

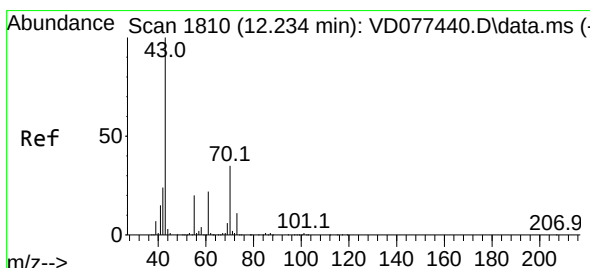
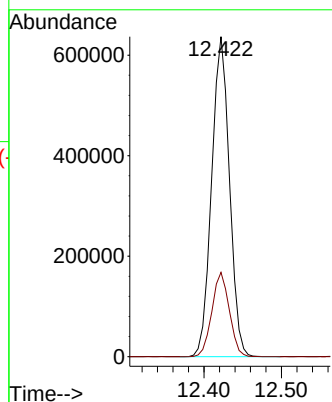
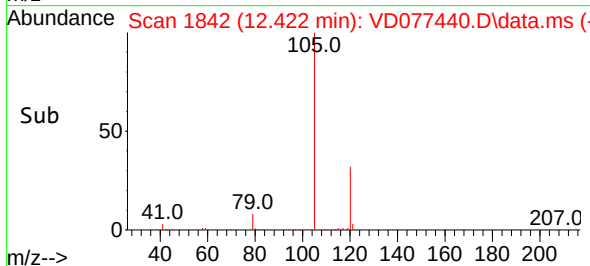
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 101734
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

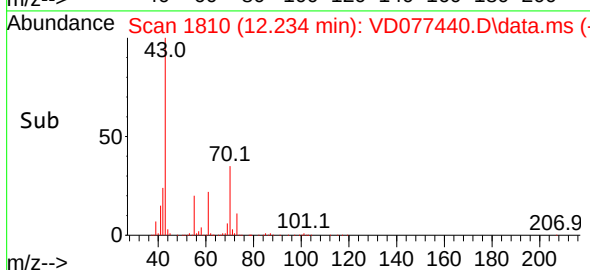
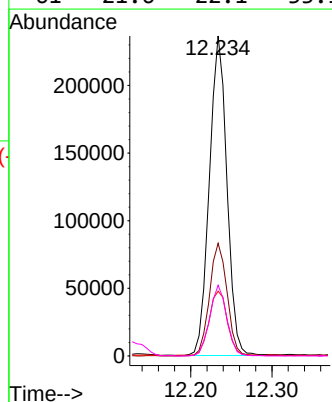
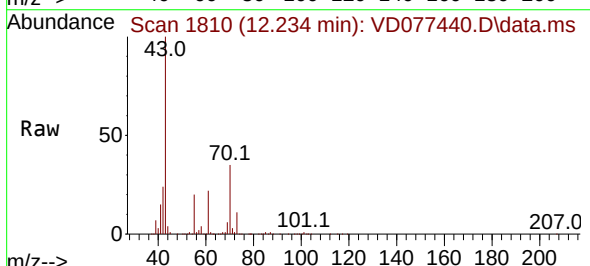
Manual Integrations
APPROVED

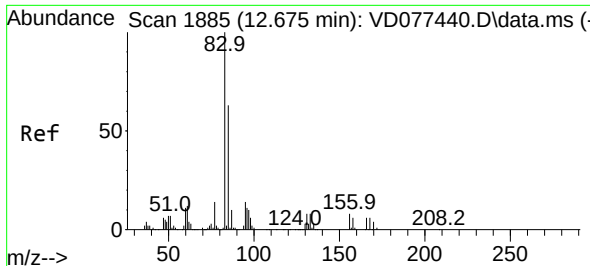
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 49.082 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

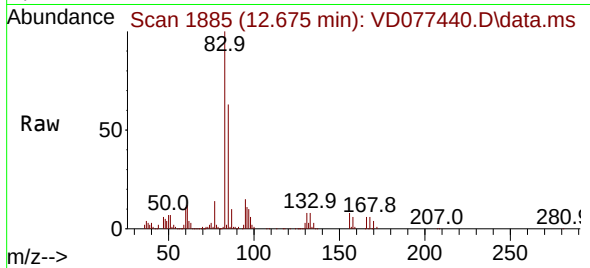
Tgt Ion: 43 Resp: 354398
Ion Ratio Lower Upper
43 100
70 35.6 45.0 67.4#
55 21.0 23.8 35.6#
61 21.6 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 50.727 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

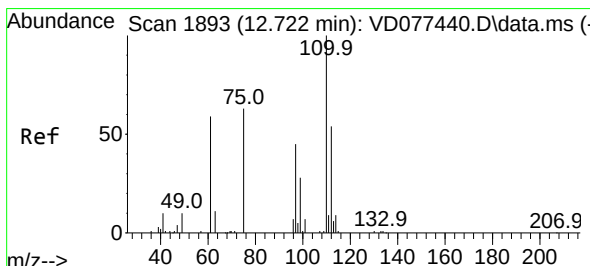
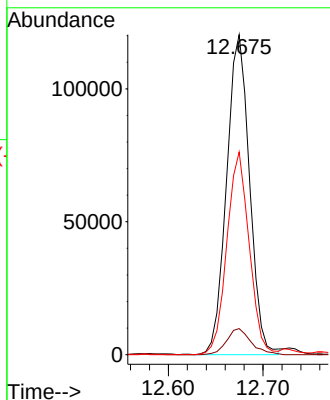
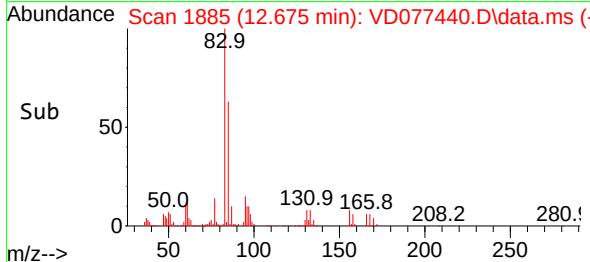
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



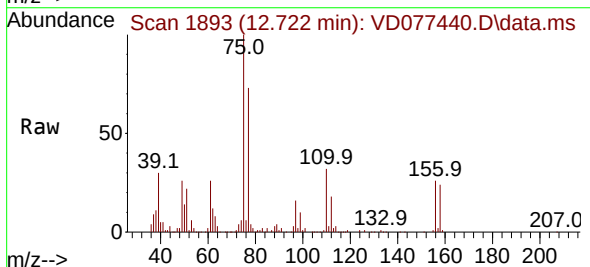
Tgt Ion: 83 Resp: 202700
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 61.7 32.6 97.8

Manual Integrations
APPROVED

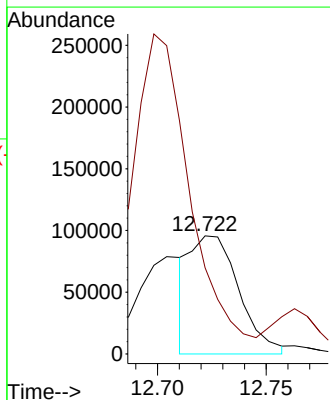
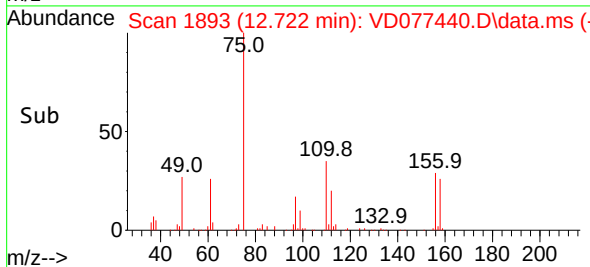
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

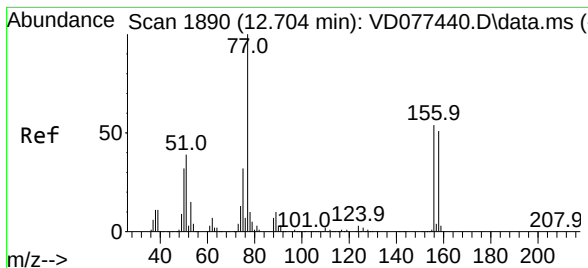


#76
1,2,3-Trichloropropane
Concen: 44.803 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



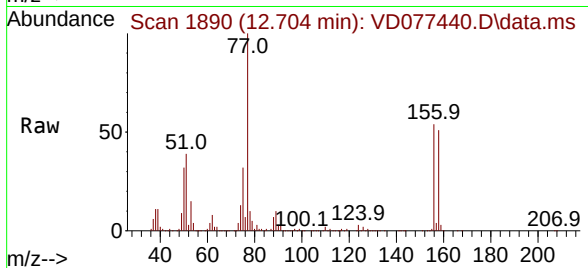
Tgt Ion: 75 Resp: 149688
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.647 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

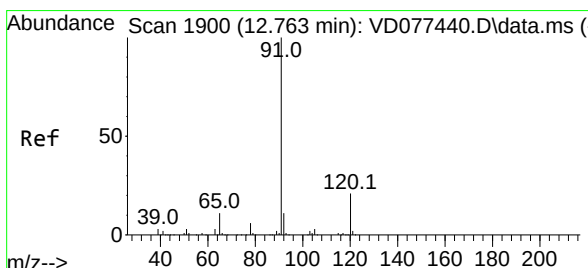
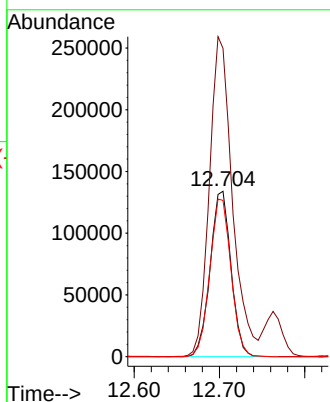
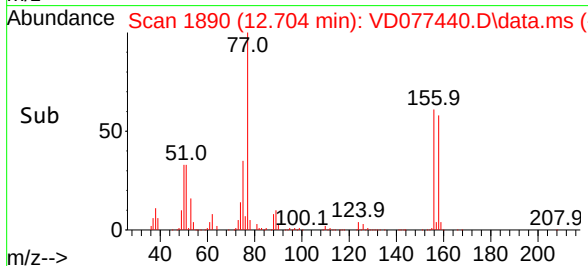
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 227250
Ion Ratio Lower Upper
156 100
77 214.4 76.8 230.4
158 96.7 48.6 145.9

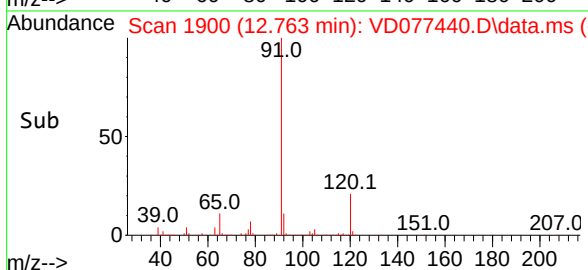
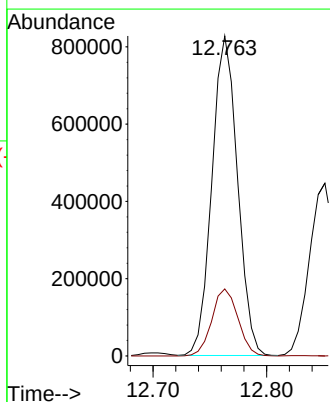
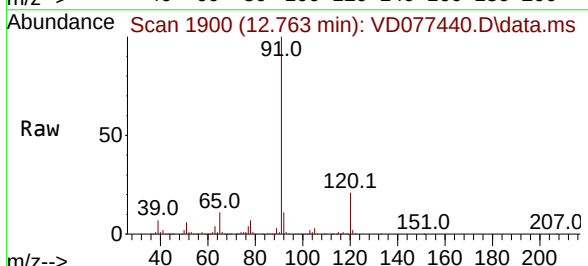
Manual Integrations
APPROVED

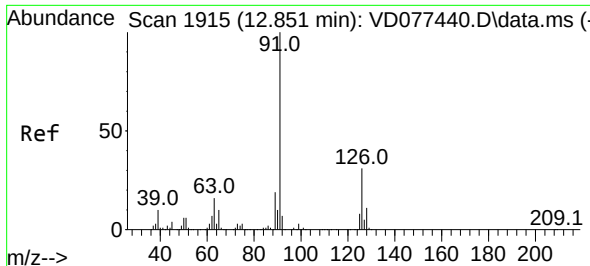
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 50.029 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion: 91 Resp: 1294956
Ion Ratio Lower Upper
91 100
120 21.4 12.4 37.2





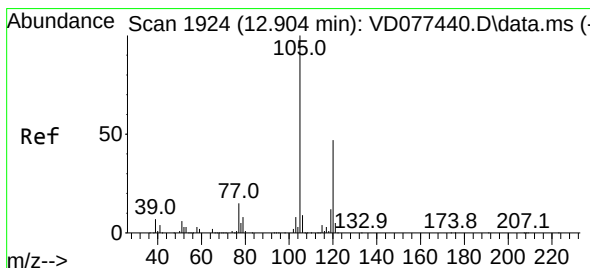
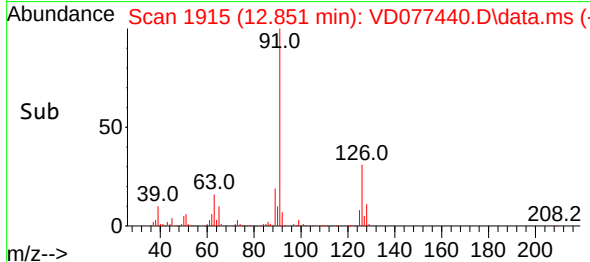
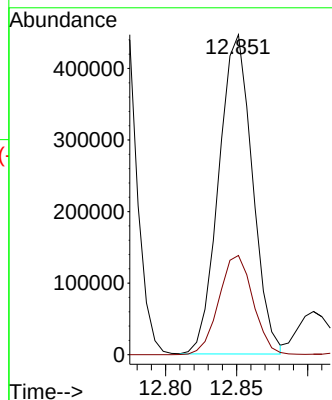
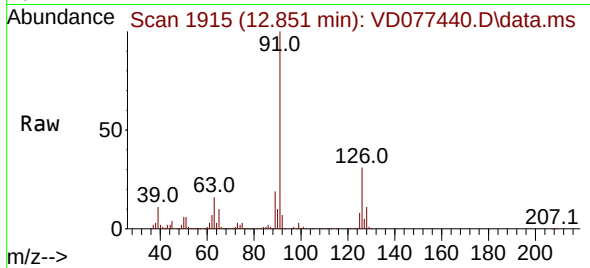
#79
2-Chlorotoluene
Concen: 50.235 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 736224
Ion Ratio Lower Upper
91 100
126 31.6 19.4 58.1

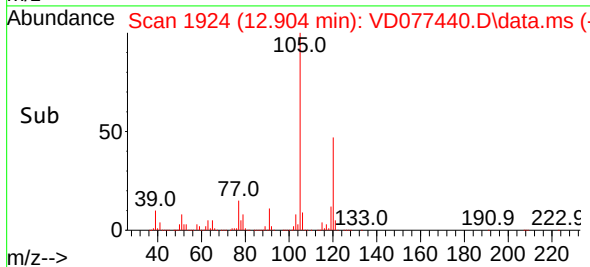
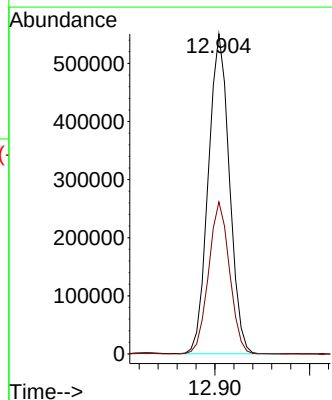
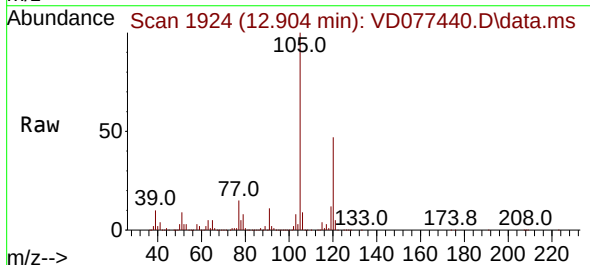
Manual Integrations
APPROVED

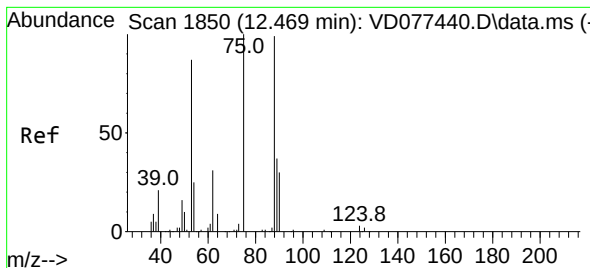
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.787 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion:105 Resp: 851607
Ion Ratio Lower Upper
105 100
120 47.2 26.4 79.2





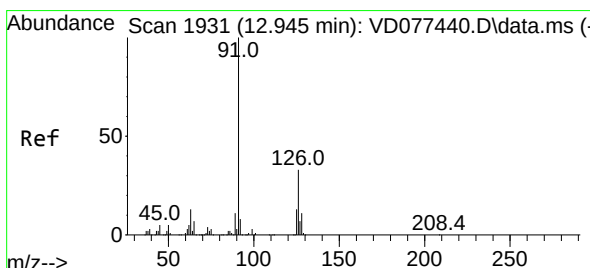
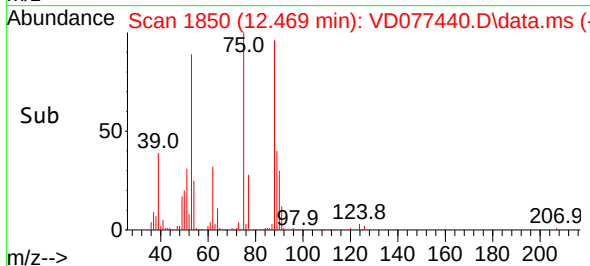
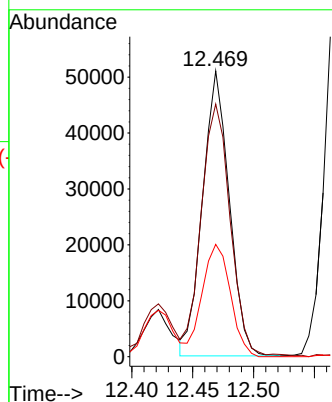
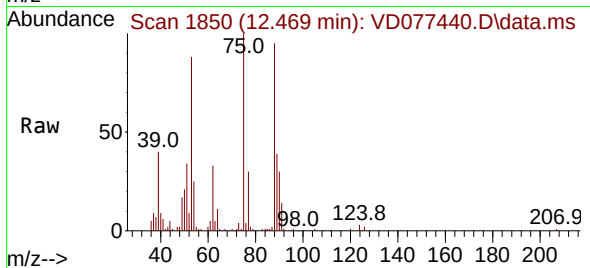
#81
trans-1,4-Dichloro-2-butene
Concen: 49.320 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 77700
Ion Ratio Lower Upper
75 100
53 96.9 63.0 94.4
89 41.2 37.9 56.9

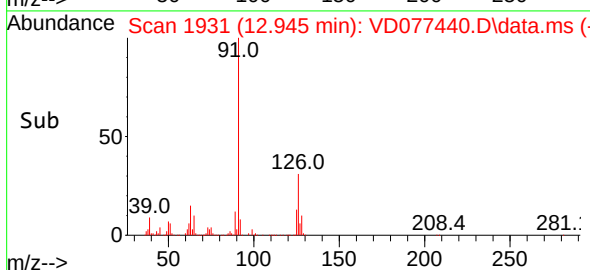
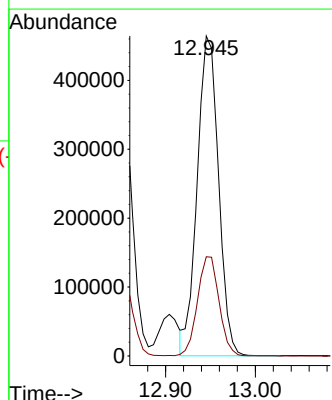
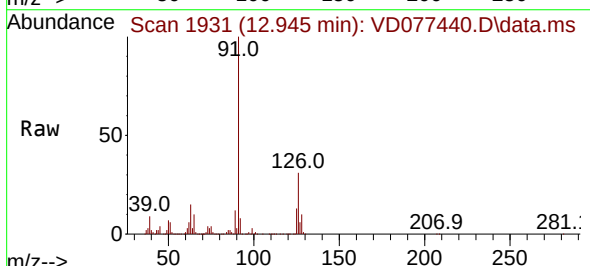
Manual Integrations
APPROVED

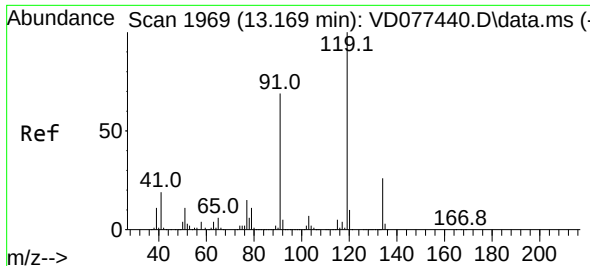
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 50.206 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion: 91 Resp: 766444
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





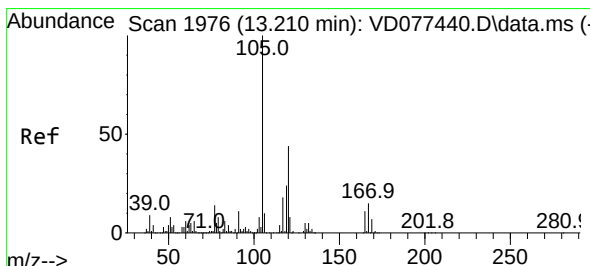
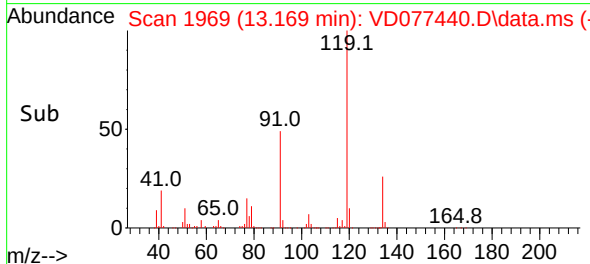
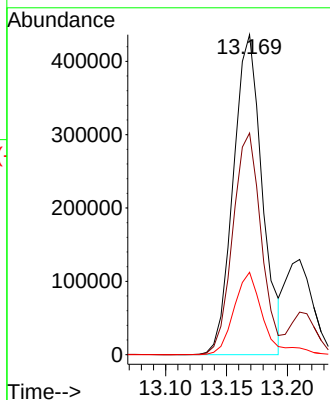
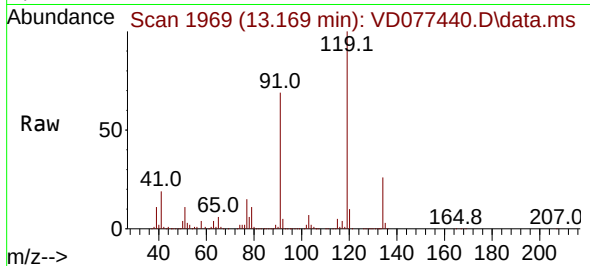
#83
tert-Butylbenzene
Concen: 50.073 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 720108
Ion Ratio Lower Upper
119 100
91 68.0 29.3 87.8
134 26.1 14.1 42.3

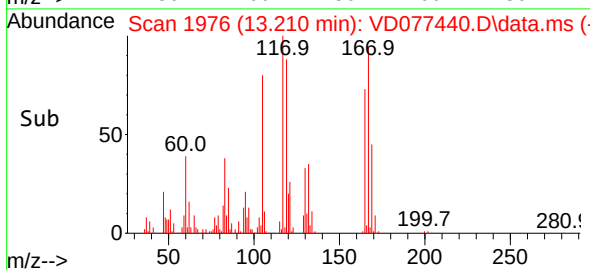
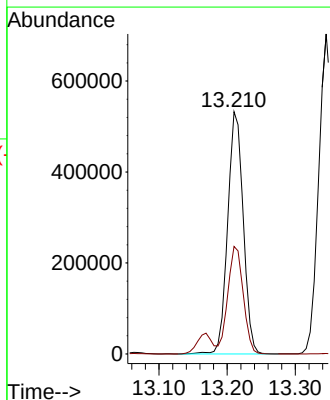
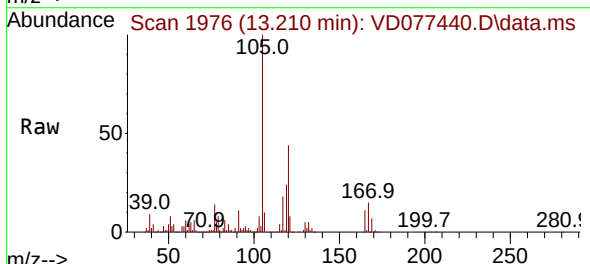
Manual Integrations
APPROVED

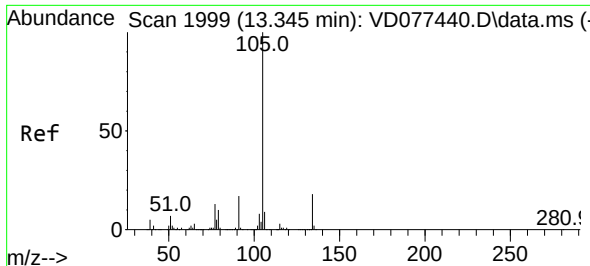
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.800 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

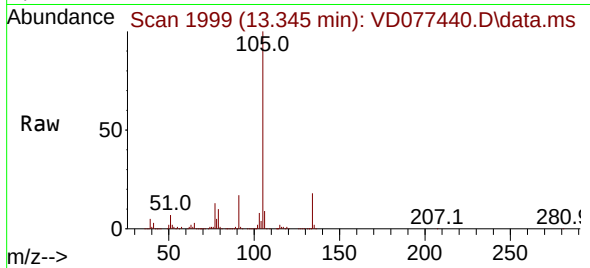
Tgt Ion:105 Resp: 846172
Ion Ratio Lower Upper
105 100
120 43.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 48.888 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

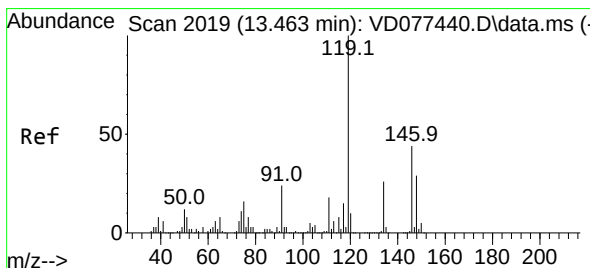
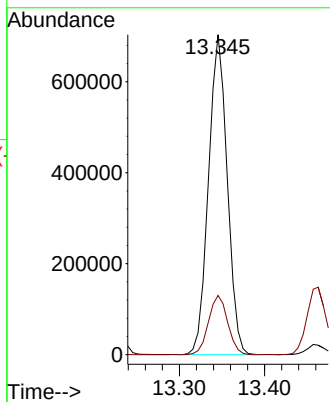
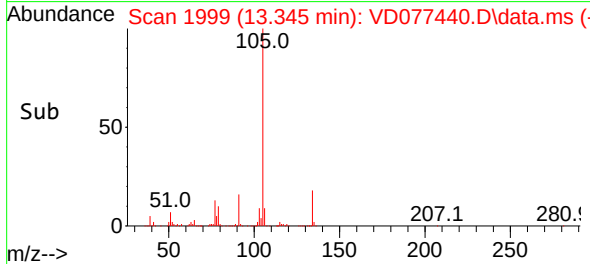
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 107573
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.9 32.9

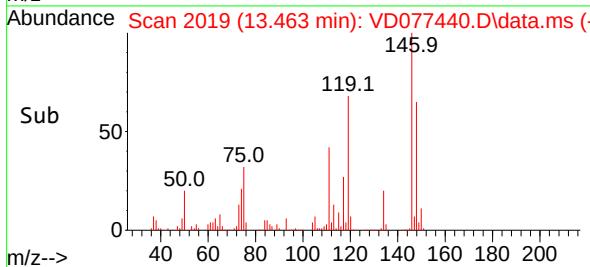
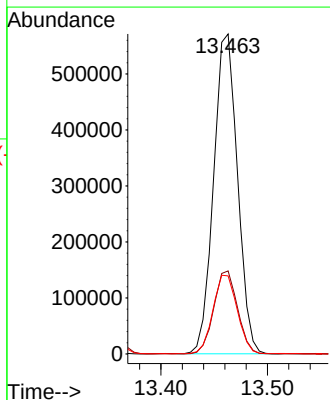
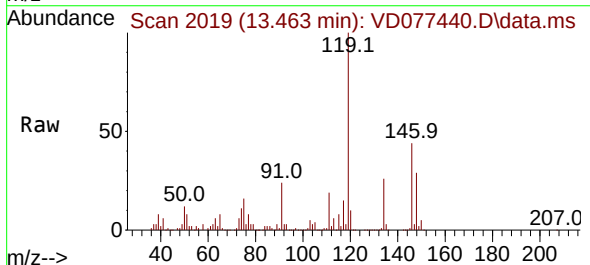
Manual Integrations
 APPROVED

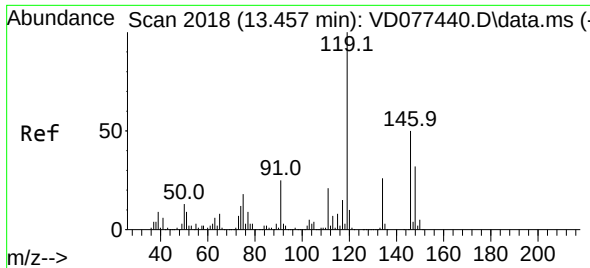
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 49.661 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

Tgt Ion:119 Resp: 888220
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 25.0 10.5 31.5





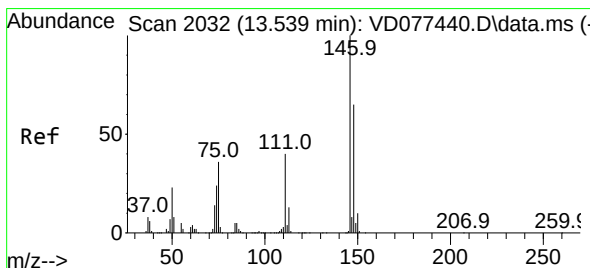
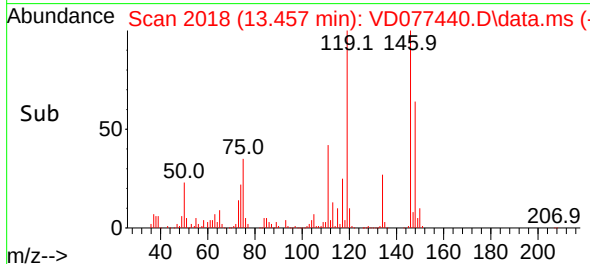
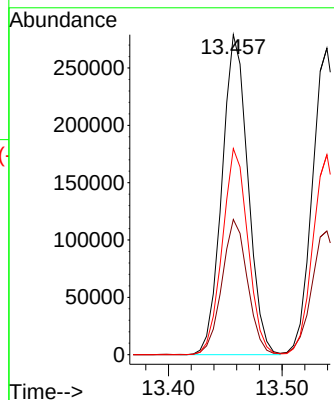
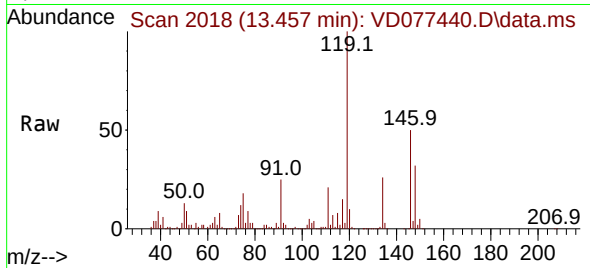
#87
1,3-Dichlorobenzene
Concen: 50.311 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 44375
Ion Ratio Lower Upper
146 100
111 41.4 17.9 53.8
148 63.4 32.3 96.8

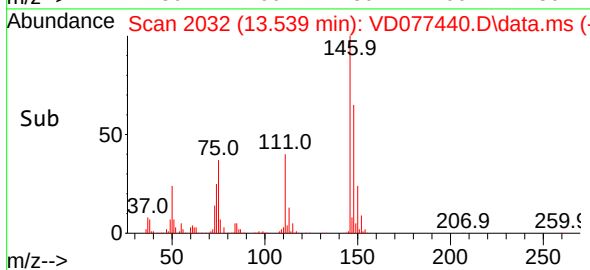
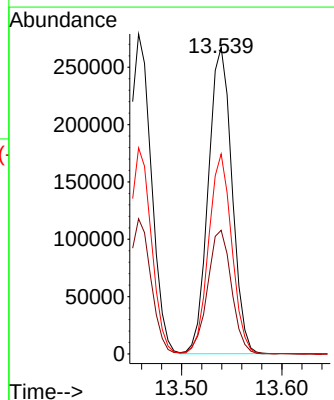
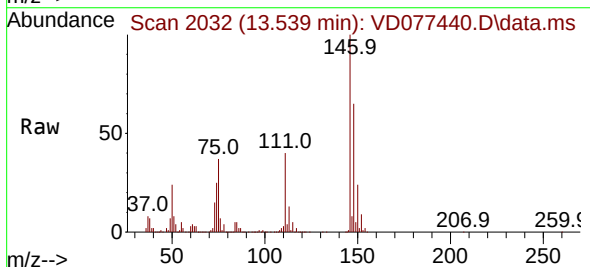
Manual Integrations
APPROVED

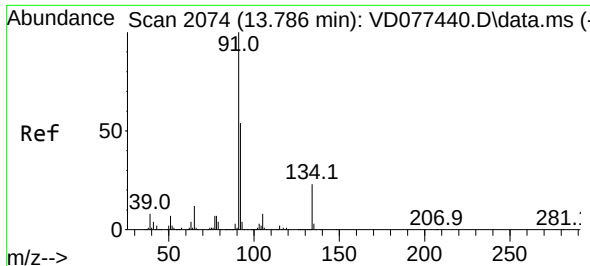
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#88
1,4-Dichlorobenzene
Concen: 49.731 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Tgt Ion:146 Resp: 438247
Ion Ratio Lower Upper
146 100
111 40.7 17.4 52.3
148 63.6 31.7 95.1





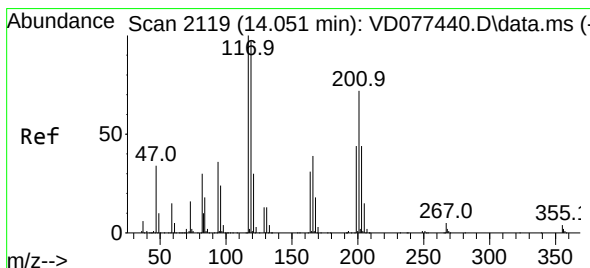
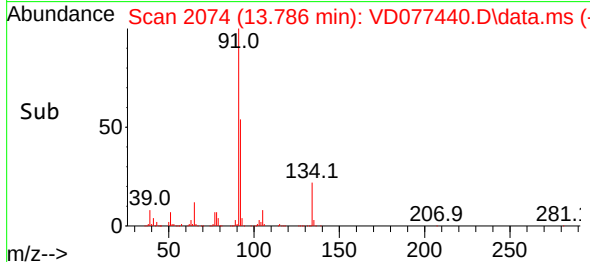
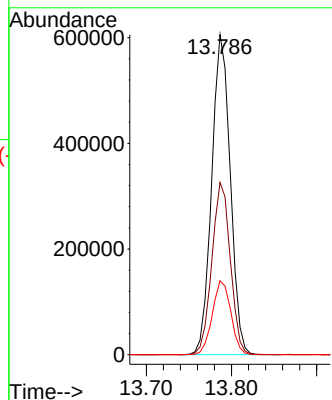
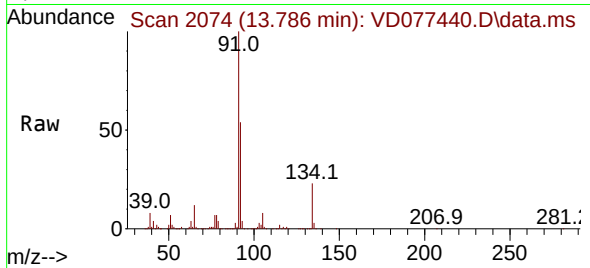
#89
n-Butylbenzene
Concen: 49.312 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 916700
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 23.1 13.8 41.3

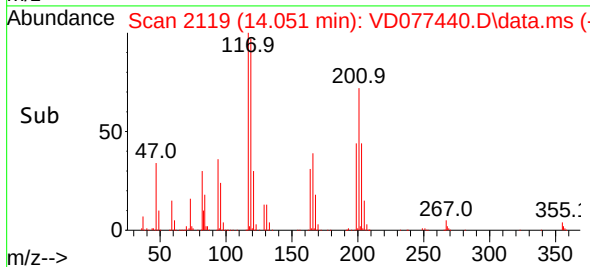
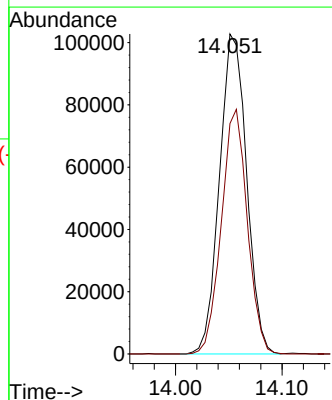
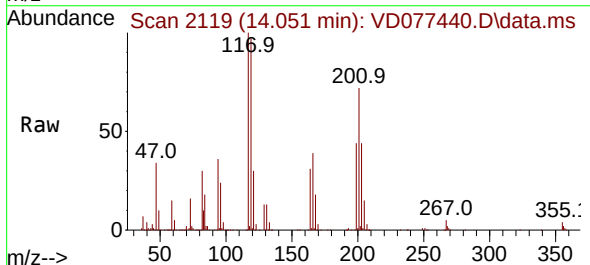
Manual Integrations
APPROVED

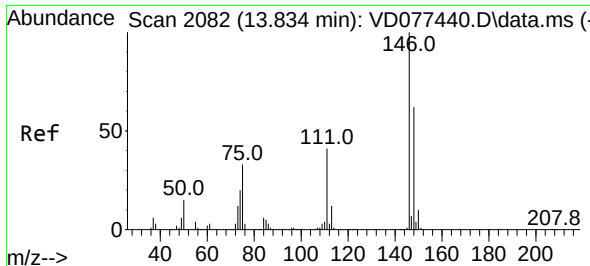
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 49.657 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

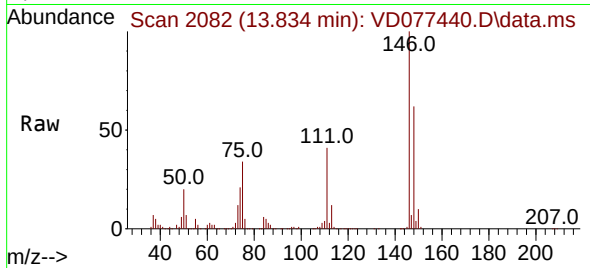
Tgt Ion:117 Resp: 181745
Ion Ratio Lower Upper
117 100
201 73.1 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 50.168 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

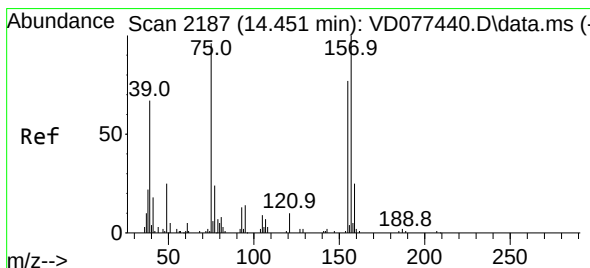
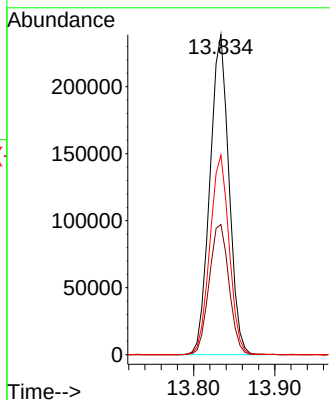
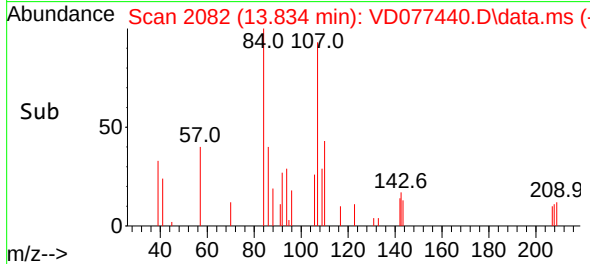
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 388860
Ion Ratio Lower Upper
146 100
111 42.5 18.3 54.8
148 63.1 31.6 94.7

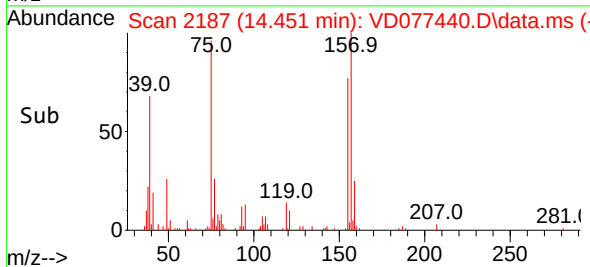
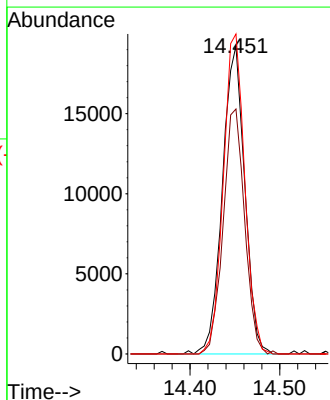
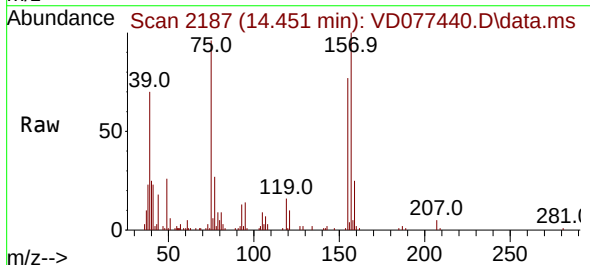
Manual Integrations
APPROVED

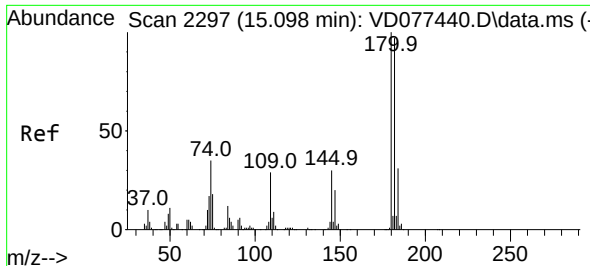
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.330 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

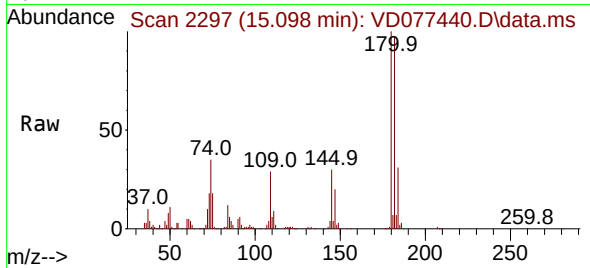
Tgt Ion: 75 Resp: 33208
Ion Ratio Lower Upper
75 100
155 76.6 47.9 143.8
157 99.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 49.724 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08

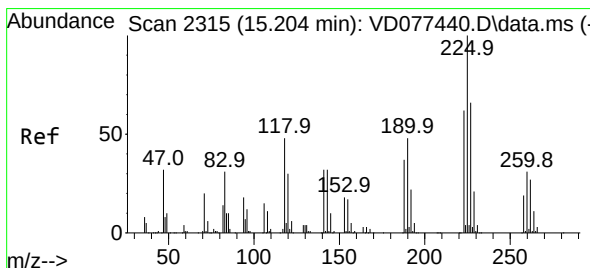
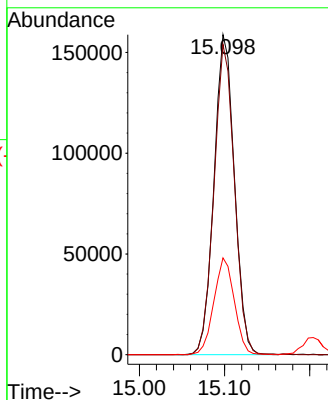
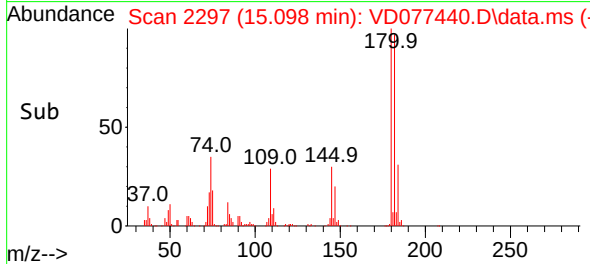
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



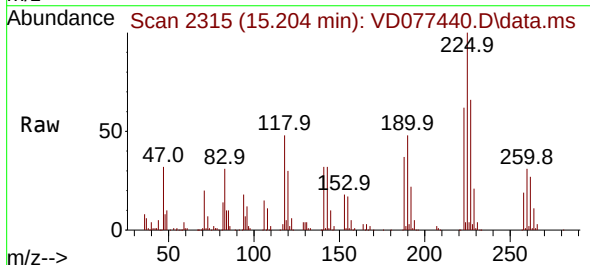
Tgt Ion:180 Resp: 264782
Ion Ratio Lower Upper
180 100
182 96.9 48.5 145.6
145 30.4 14.2 42.6

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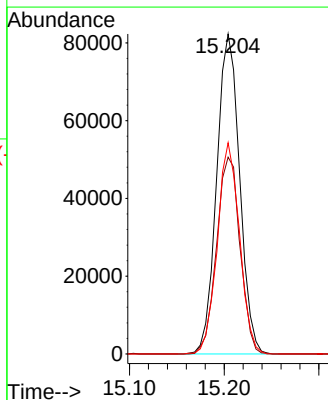
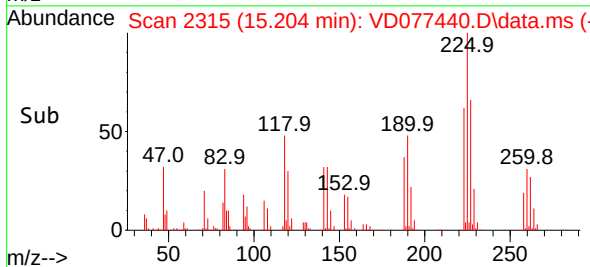
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

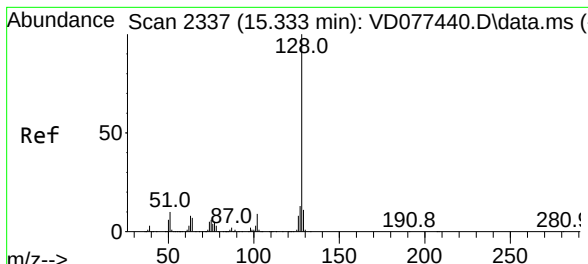


#94
Hexachlorobutadiene
Concen: 48.247 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077440.D
Acq: 30 Oct 2023 11:08



Tgt Ion:225 Resp: 138582
Ion Ratio Lower Upper
225 100
223 62.8 31.6 94.8
227 63.8 31.7 95.1





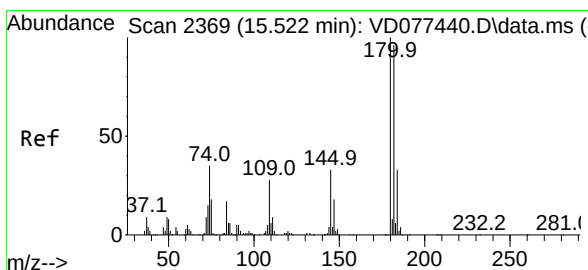
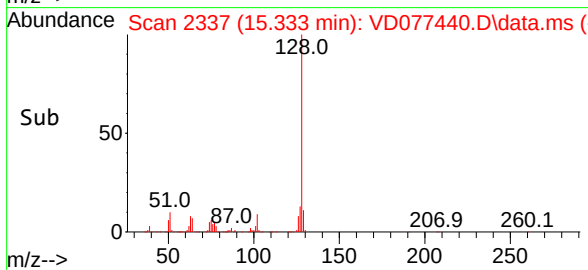
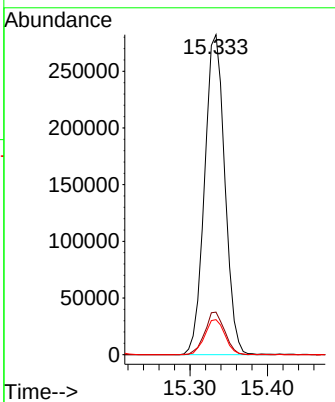
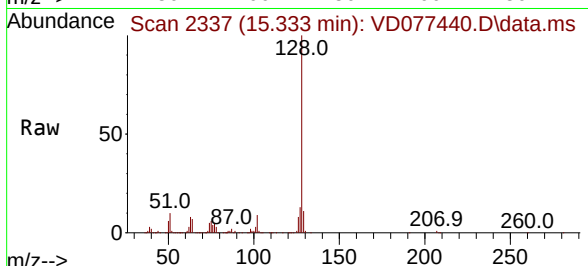
#95
 Naphthalene
 Concen: 50.391 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

Instrument : MSVOA_D
 ClientSampleId : VSTDICCC050

Tgt Ion:	128	Resp:	51189
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.9	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: 50.489 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077440.D
 Acq: 30 Oct 2023 11:08

Tgt Ion:	180	Resp:	232071
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.3	141.9
145	32.7	15.1	45.3

