

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077231.D
 Acq On : 28 Sep 2023 14:30
 Operator : JC/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 02:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	234922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	395828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	191017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106939	45.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.220%		
35) Dibromofluoromethane	7.804	113	125530	45.657	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.320%		
50) Toluene-d8	10.269	98	449562	45.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.575	95	136013	44.842	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58546	24.116	ug/l	99
3) Chloromethane	2.146	50	96050	21.403	ug/l	99
4) Vinyl Chloride	2.281	62	97917	20.397	ug/l	100
5) Bromomethane	2.687	94	64151	18.348	ug/l	100
6) Chloroethane	2.834	64	67845	22.713	ug/l	100
7) Trichlorofluoromethane	3.169	101	105443	24.301	ug/l	96
8) Diethyl Ether	3.593	74	29347	20.956	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.963	101	61862	22.804	ug/l	98
10) Methyl Iodide	4.158	142	66565	17.168	ug/l #	87
11) Tert butyl alcohol	5.052	59	15720	116.293	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	58741	21.494	ug/l	91
13) Acrolein	3.799	56	13797	140.118	ug/l	99
14) Allyl chloride	4.563	41	73401	22.015	ug/l	94
15) Acrylonitrile	5.252	53	63511	108.154	ug/l	99
16) Acetone	4.016	43	60979	112.535	ug/l #	77
17) Carbon Disulfide	4.269	76	188510	20.954	ug/l	99
18) Methyl Acetate	4.563	43	44965	21.945	ug/l	93
19) Methyl tert-butyl Ether	5.310	73	121697	20.580	ug/l	95
20) Methylene Chloride	4.799	84	113042	29.692	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	68822	20.833	ug/l	99
22) Diisopropyl ether	6.204	45	165583	21.965	ug/l	92
23) Vinyl Acetate	6.152	43	387710	128.648	ug/l	94
24) 1,1-Dichloroethane	6.104	63	114713	21.202	ug/l	99
25) 2-Butanone	7.081	43	82265	115.398	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	100716	21.930	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	74560	20.077	ug/l	93
28) Bromochloromethane	7.422	49	31103	18.721	ug/l	80
29) Tetrahydrofuran	7.446	42	45815	109.936	ug/l	87
30) Chloroform	7.593	83	122205	20.957	ug/l	98
31) Cyclohexane	7.875	56	92740	22.359	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	109089	22.413	ug/l	95
36) 1,1-Dichloropropene	8.004	75	91829	22.178	ug/l	96
37) Ethyl Acetate	7.163	43	33264	20.939	ug/l	95
38) Carbon Tetrachloride	7.987	117	88848	21.832	ug/l	96
39) Methylcyclohexane	9.269	83	101489	21.303	ug/l	93
40) Benzene	8.246	78	273578	21.356	ug/l	96

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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	7.399	41	17061	20.121	ug/l	96
42) 1,2-Dichloroethane	8.328	62	67312	21.193	ug/l	97
43) Isopropyl Acetate	8.357	43	64843	22.169	ug/l	92
44) Trichloroethene	9.022	130	70974	20.017	ug/l	99
45) 1,2-Dichloropropane	9.304	63	66369	21.330	ug/l	96
46) Dibromomethane	9.398	93	38438	21.259	ug/l	93
47) Bromodichloromethane	9.587	83	91633	20.972	ug/l #	94
48) Methyl methacrylate	9.381	41	28815	21.681	ug/l #	79
49) 1,4-Dioxane	9.387	88	6769	414.743	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	163935	107.168	ug/l	92
52) Toluene	10.334	92	168799	20.597	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	85295	20.895	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	99603	20.366	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	51476	20.932	ug/l	98
56) Ethyl methacrylate	10.598	69	54283	20.546	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	84083	21.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	69317	72.646	ug/l	100
59) 2-Hexanone	10.922	43	121603	110.794	ug/l	88
60) Dibromochloromethane	11.075	129	60820	20.192	ug/l	96
61) 1,2-Dibromoethane	11.175	107	48986	20.604	ug/l	99
64) Tetrachloroethene	10.810	164	59551	20.585	ug/l	92
65) Chlorobenzene	11.604	112	181327	20.731	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	62602	19.563	ug/l	98
67) Ethyl Benzene	11.681	91	311839	20.742	ug/l	98
68) m/p-Xylenes	11.792	106	251050	41.705	ug/l	92
69) o-Xylene	12.122	106	110498	19.999	ug/l	91
70) Styrene	12.134	104	197548	20.986	ug/l	97
71) Bromoform	12.298	173	35706	20.130	ug/l #	98
73) Isopropylbenzene	12.422	105	294626	20.874	ug/l	95
74) N-amyl acetate	12.234	43	55628	20.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	57897	21.737	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	29983m	19.678	ug/l	
77) Bromobenzene	12.698	156	71216	20.264	ug/l	92
78) n-propylbenzene	12.763	91	366449	21.241	ug/l	96
79) 2-Chlorotoluene	12.851	91	202013	21.234	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	245740	20.847	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	17537	21.785	ug/l	98
82) 4-Chlorotoluene	12.945	91	215174	21.520	ug/l	93
83) tert-Butylbenzene	13.169	119	205349	20.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	245371	20.529	ug/l	96
85) sec-Butylbenzene	13.345	105	320227	21.190	ug/l	96
86) p-Isopropyltoluene	13.463	119	261591	20.405	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	147137	20.357	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	144248	20.284	ug/l	96
89) n-Butylbenzene	13.786	91	247322	20.913	ug/l	98
90) Hexachloroethane	14.051	117	53462	21.028	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	125405	20.236	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7996	22.482	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	75647	19.786	ug/l	98
94) Hexachlorobutadiene	15.204	225	39901	19.694	ug/l	98
95) Naphthalene	15.333	128	136830	19.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	67409	19.836	ug/l	99

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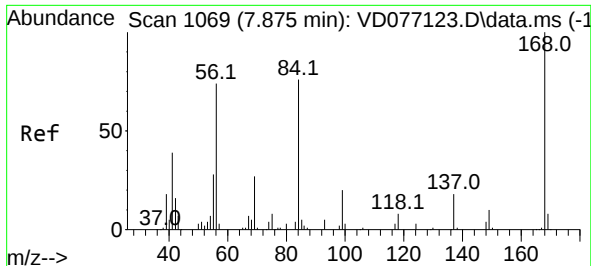
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

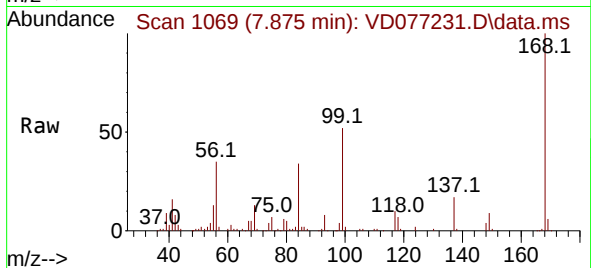
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077231.D
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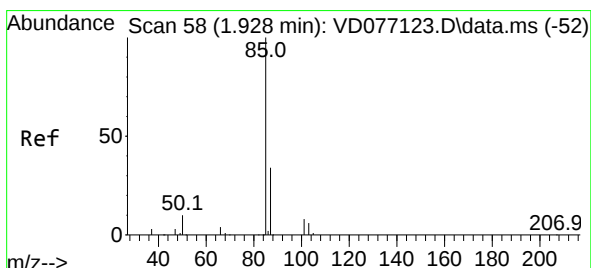
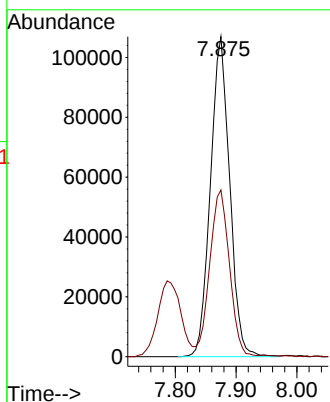
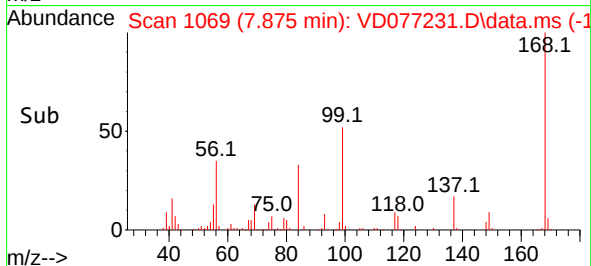
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion:168 Resp: 23492
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1

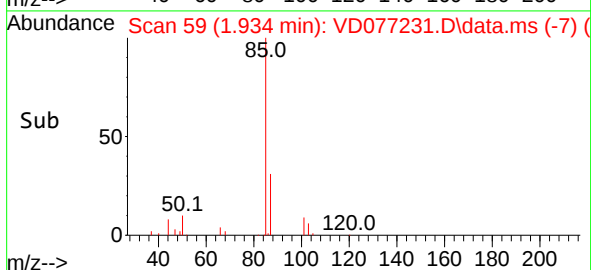
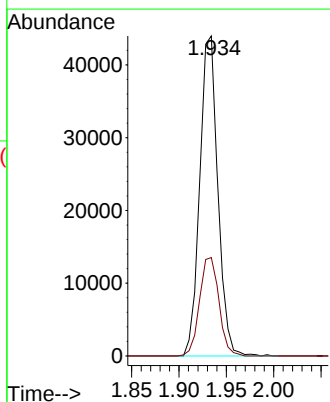
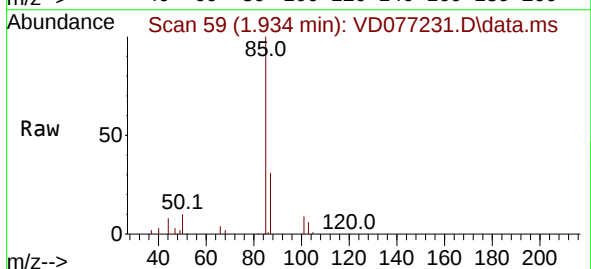
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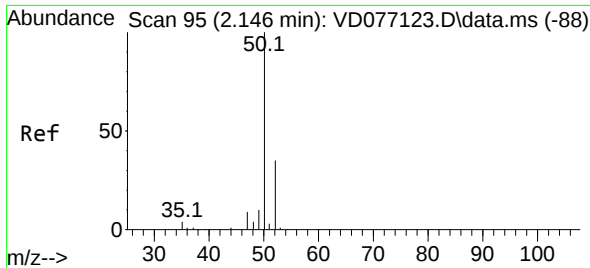
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#2
Dichlorodifluoromethane
Concen: 24.116 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

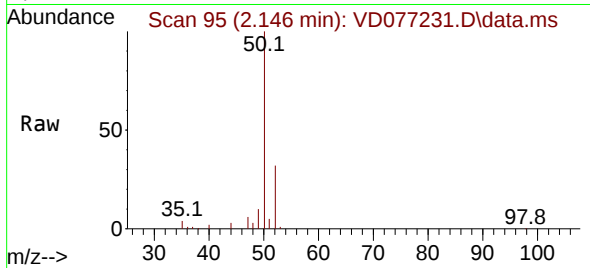
Tgt Ion: 85 Resp: 58546
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#3
Chloromethane
Concen: 21.403 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

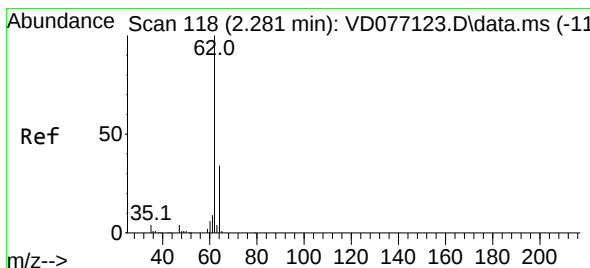
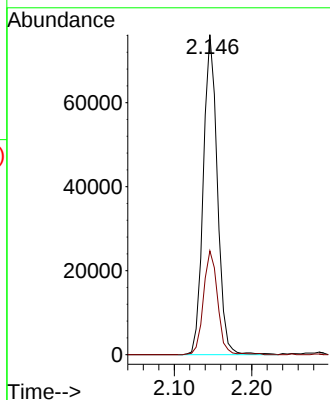
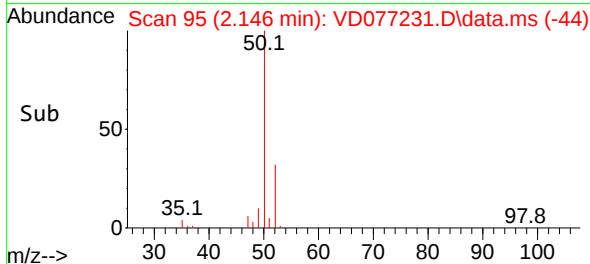
Instrument :
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Tgt Ion: 50 Resp: 96050
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

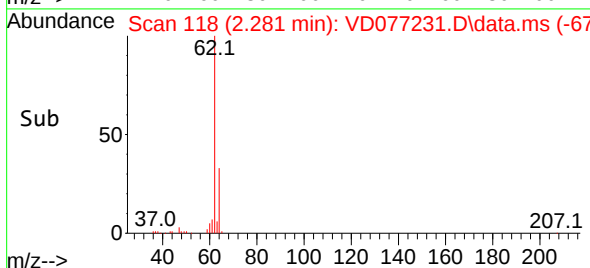
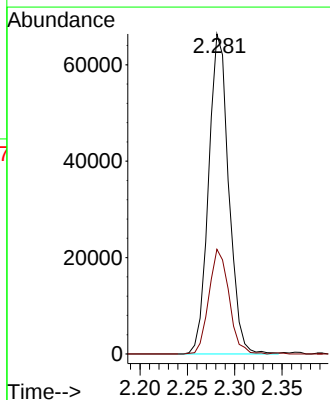
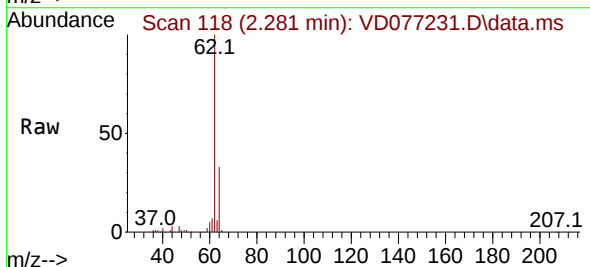
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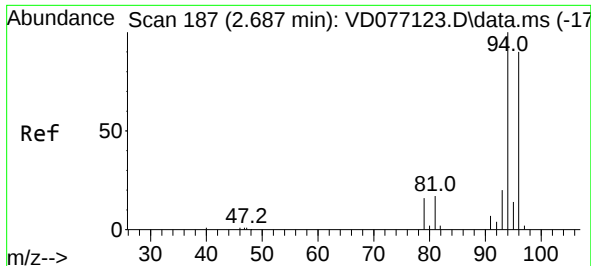
Reviewed By :John Carlone 09/29/2023
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#4
Vinyl Chloride
Concen: 20.397 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 62 Resp: 97917
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





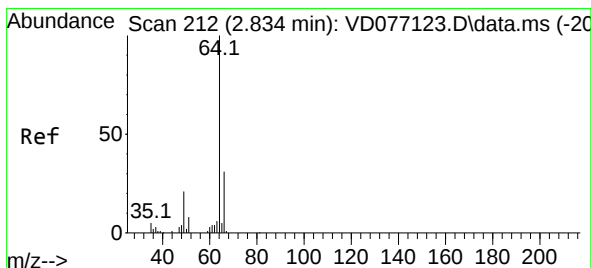
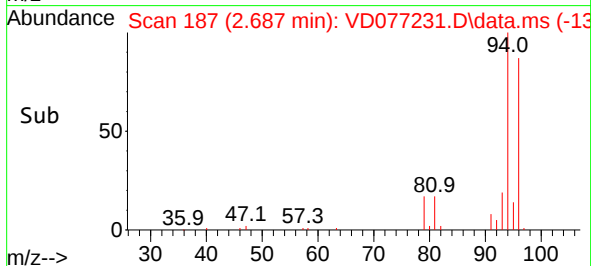
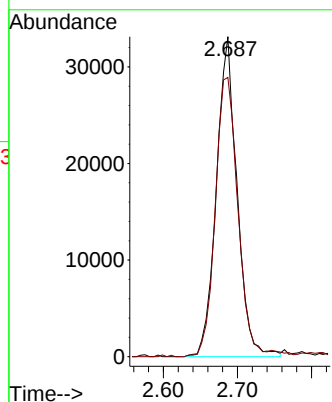
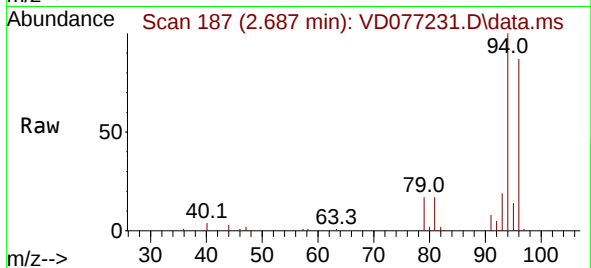
#5
Bromomethane
Concen: 18.348 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 6415
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8

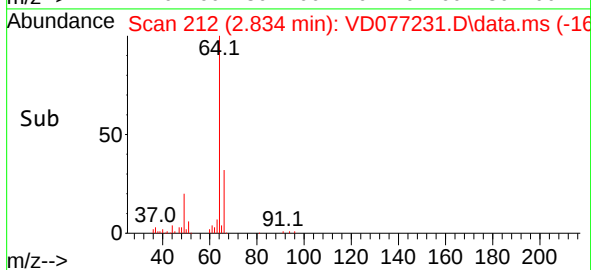
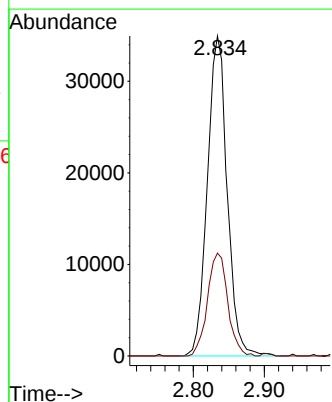
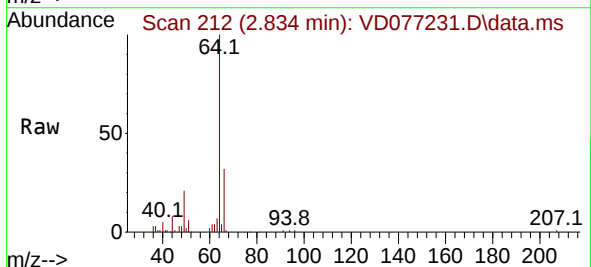
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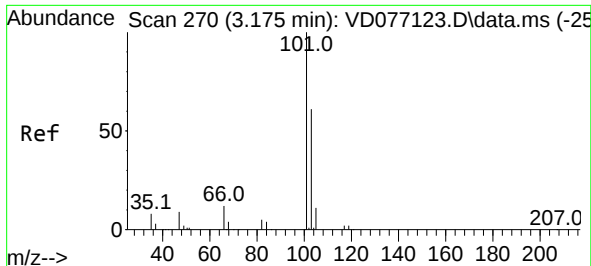
Reviewed By :John Carlone 09/29/2023
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#6
Chloroethane
Concen: 22.713 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 64 Resp: 67845
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3





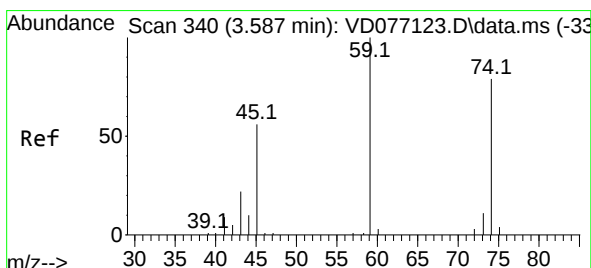
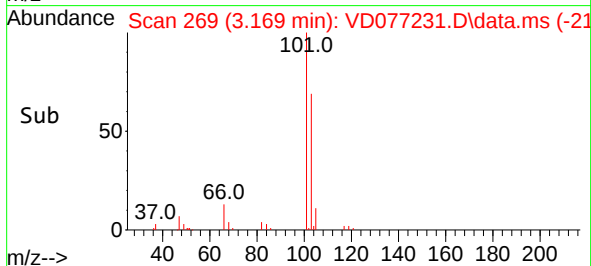
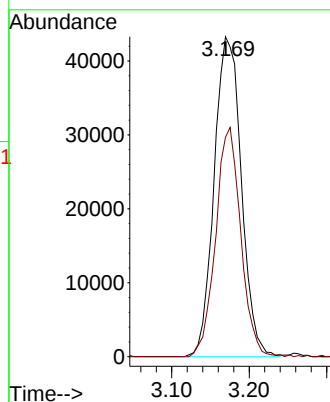
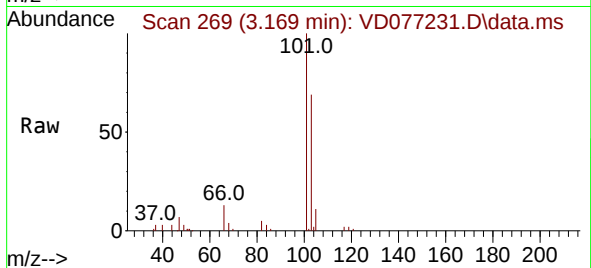
#7
Trichlorofluoromethane
Concen: 24.301 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:101 Resp: 10544
Ion Ratio Lower Upper
101 100
103 68.5 52.3 78.5

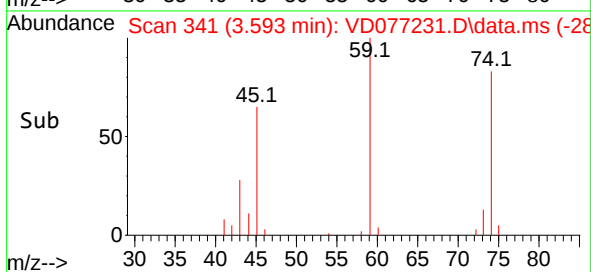
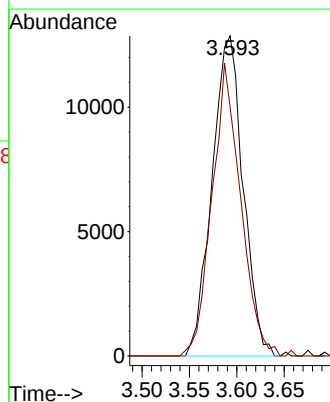
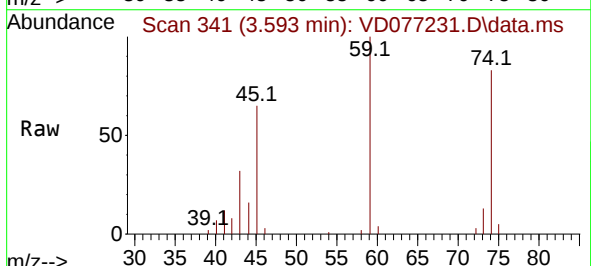
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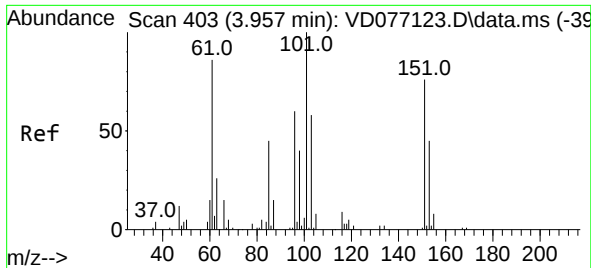
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#8
Diethyl Ether
Concen: 20.956 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 74 Resp: 29347
Ion Ratio Lower Upper
74 100
45 84.4 37.5 112.7





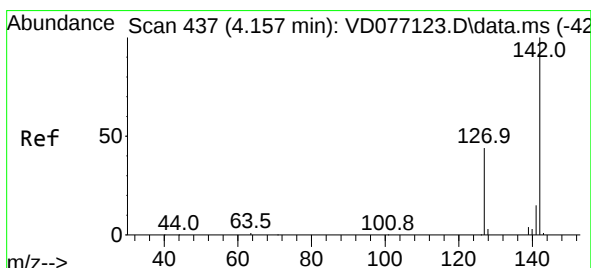
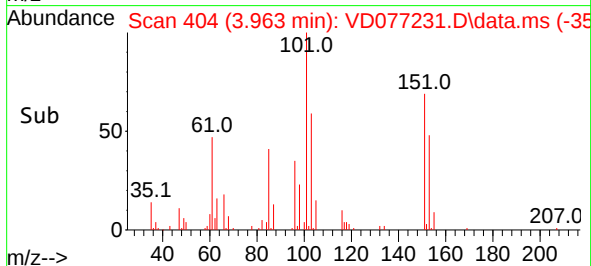
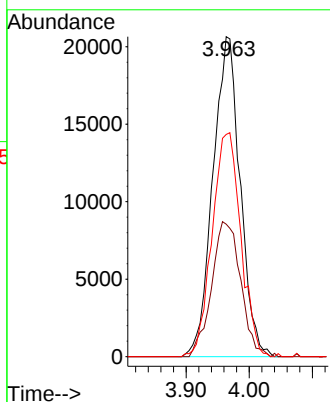
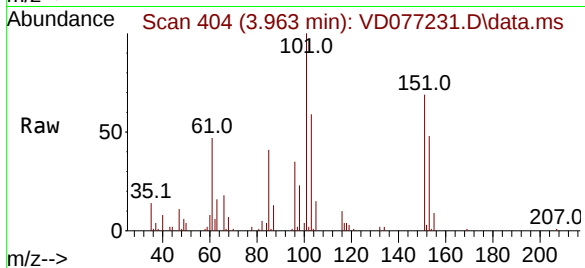
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.804 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:101 Resp: 61862
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 73.7 59.8 89.6

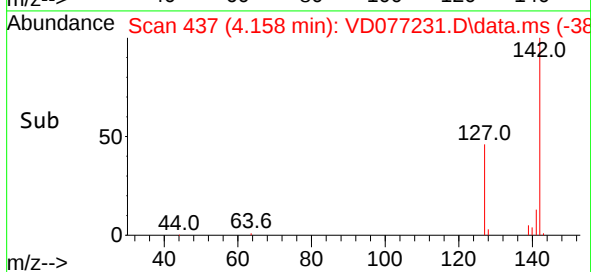
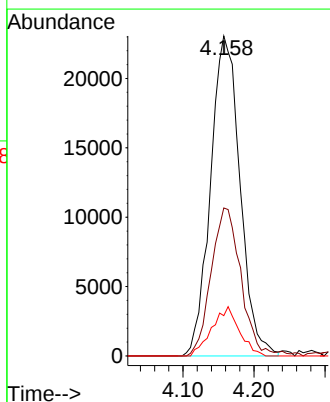
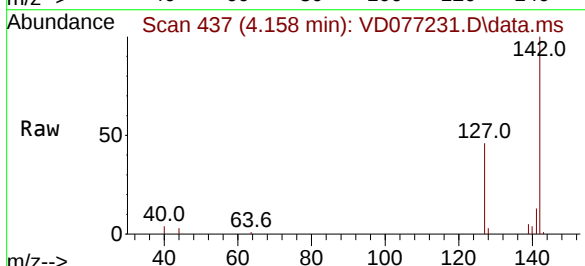
Manual Integrations
APPROVED

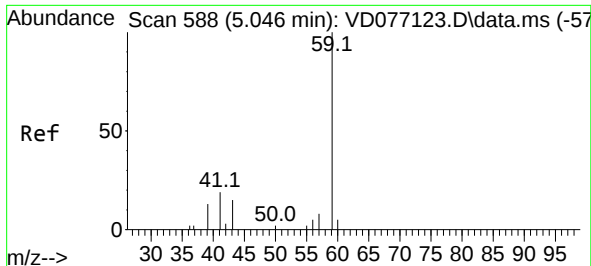
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#10
Methyl Iodide
Concen: 17.168 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:142 Resp: 66565
Ion Ratio Lower Upper
142 100
127 46.9 29.4 44.0#
141 14.3 11.1 16.7





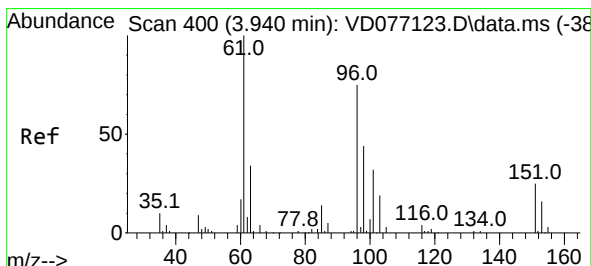
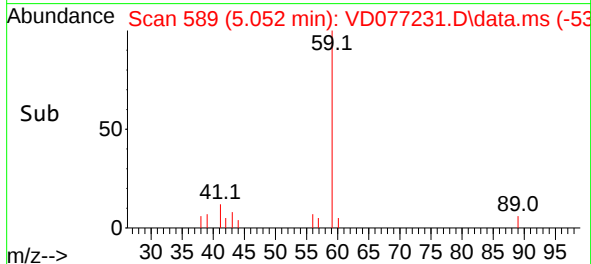
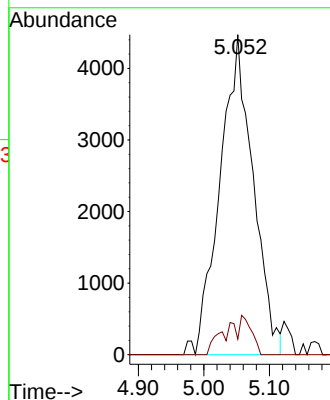
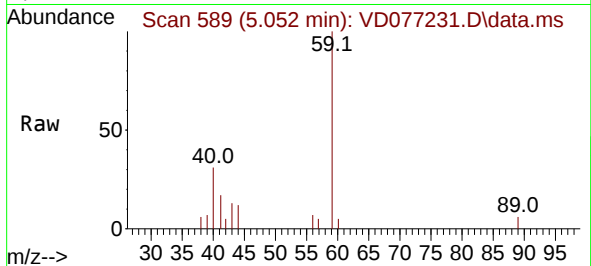
#11
Tert butyl alcohol
Concen: 116.293 ug/l
RT: 5.052 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 59 Resp: 15720
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8

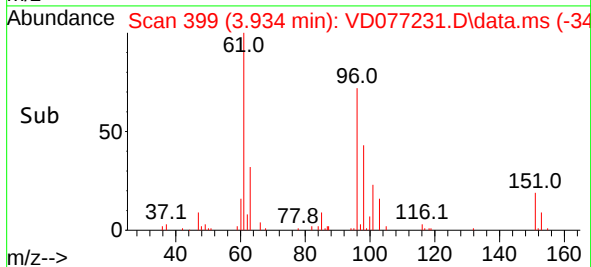
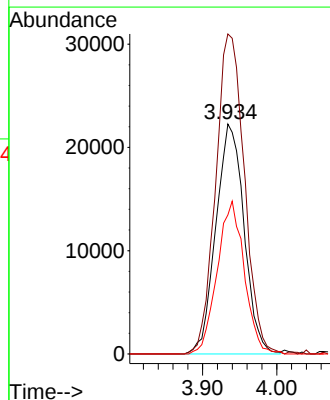
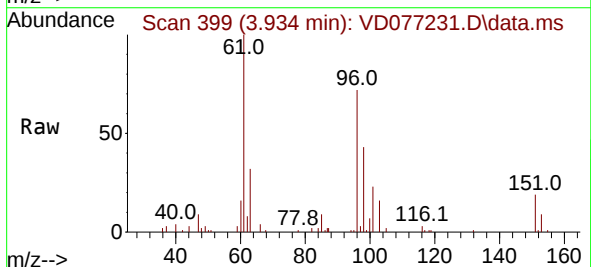
Manual Integrations
APPROVED

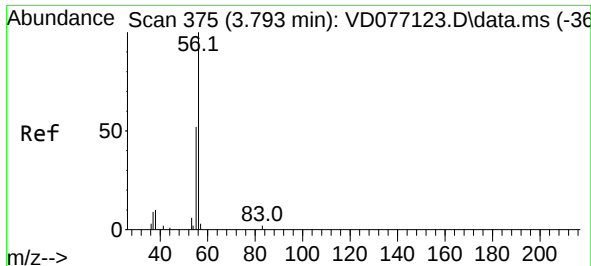
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#12
1,1-Dichloroethene
Concen: 21.494 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 96 Resp: 58741
Ion Ratio Lower Upper
96 100
61 139.2 100.6 150.8
98 60.5 50.2 75.2





#13

Acrolein

Concen: 140.118 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 56 Resp: 1379

Ion Ratio Lower Upper

56 100

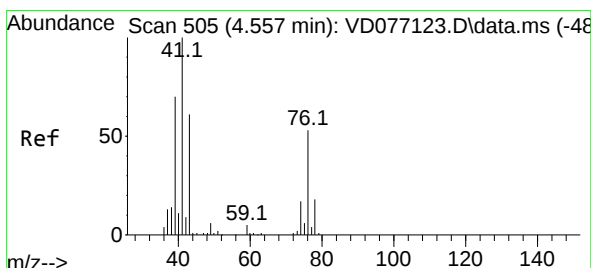
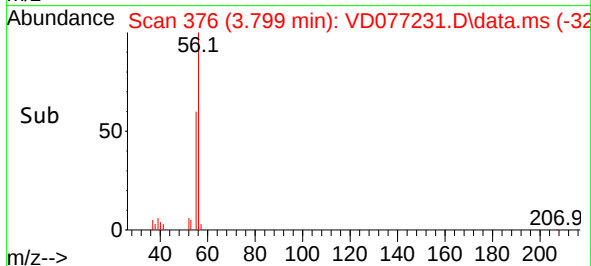
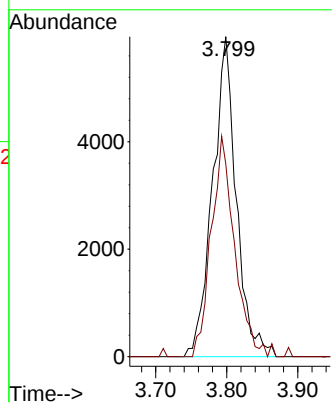
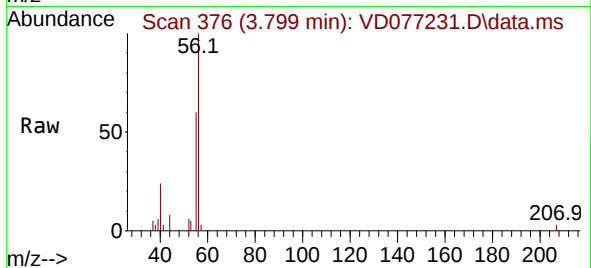
55 68.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#14

Allyl chloride

Concen: 22.015 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

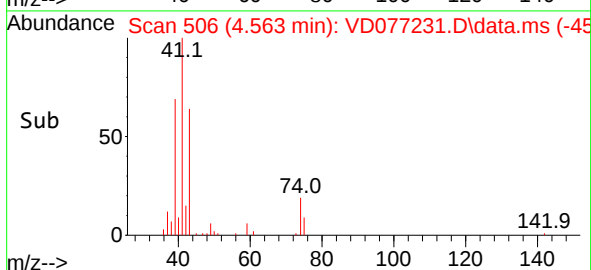
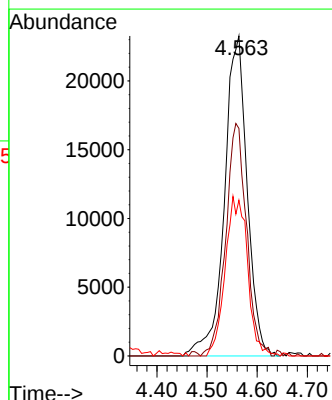
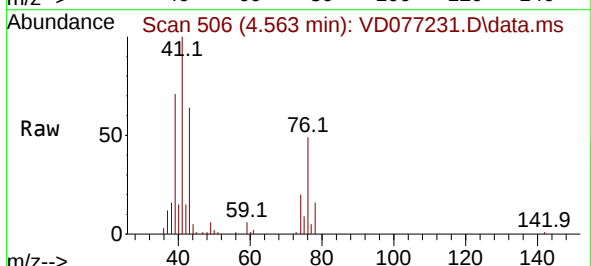
Tgt Ion: 41 Resp: 73401

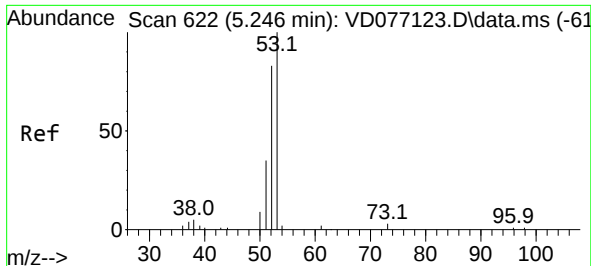
Ion Ratio Lower Upper

41 100

39 66.2 53.8 80.6

76 48.7 45.8 68.8





#15

Acrylonitrile

Concen: 108.154 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

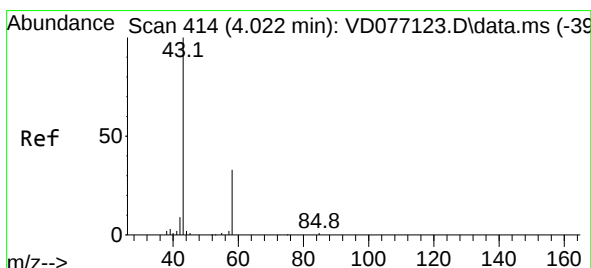
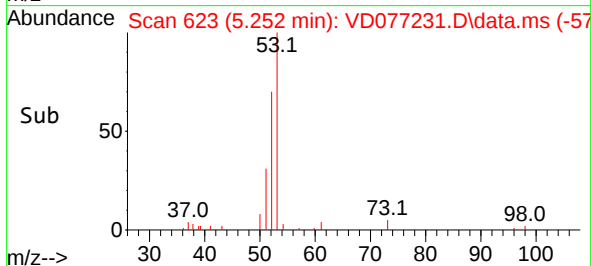
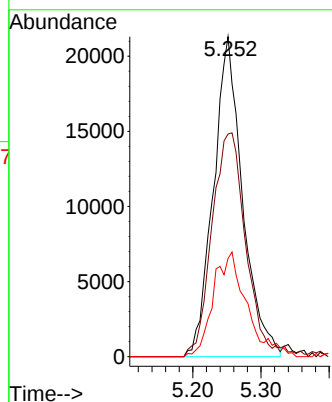
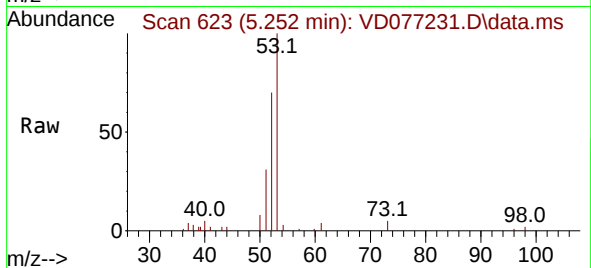
Tgt Ion: 53	Resp: 6351
Ion Ratio	Lower Upper
53	100
52	81.3 65.0 97.4
51	37.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#16

Acetone

Concen: 112.535 ug/l

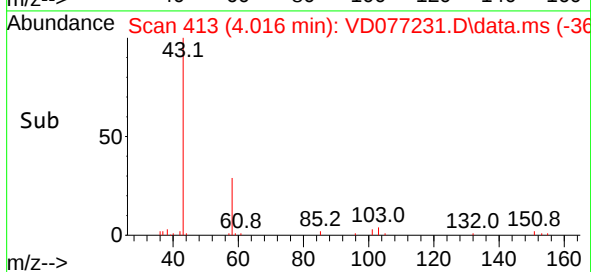
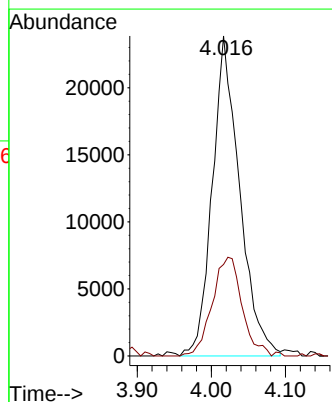
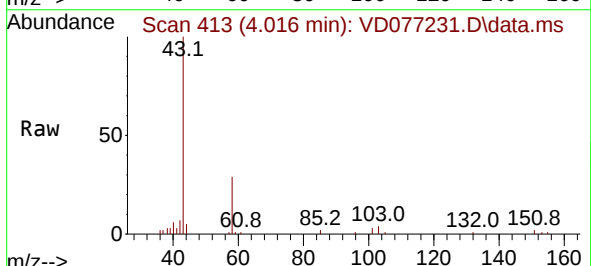
RT: 4.016 min Scan# 413

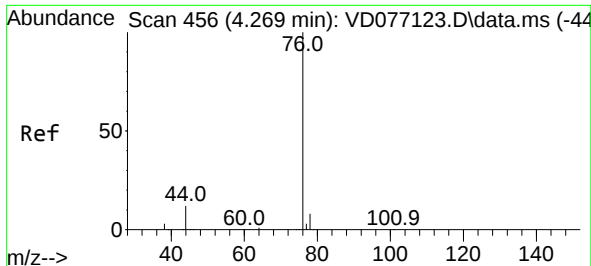
Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

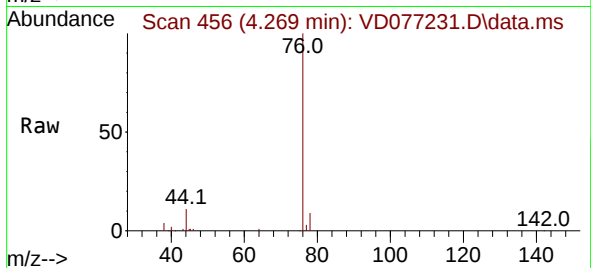
Tgt Ion: 43	Resp: 60979
Ion Ratio	Lower Upper
43	100
58	28.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 20.954 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

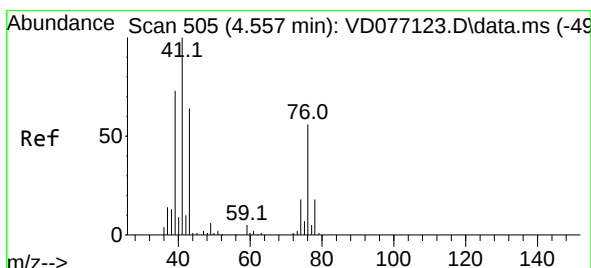
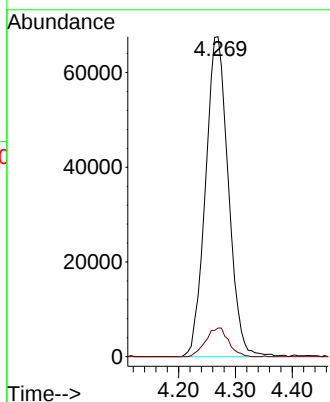
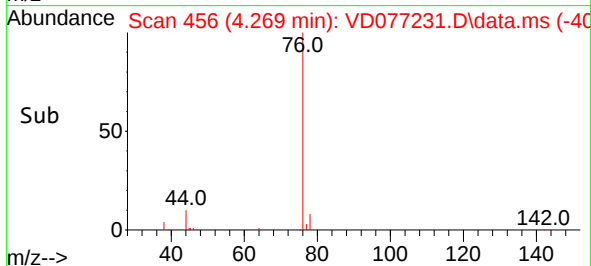
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion: 76 Resp: 188510
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

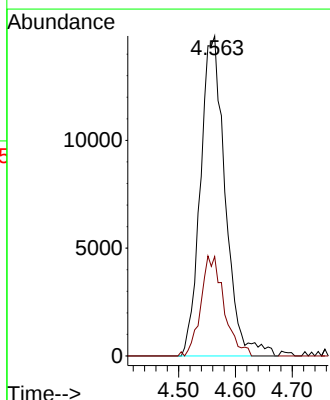
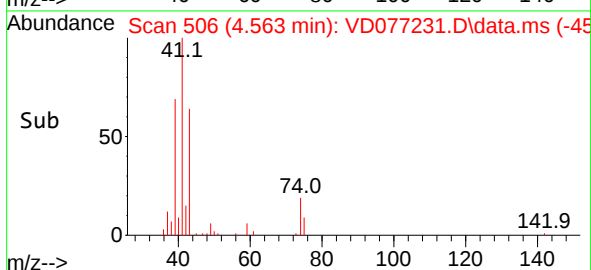
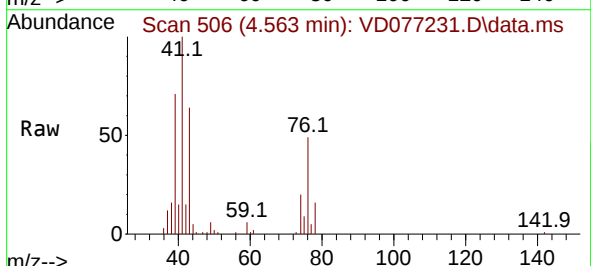
Manual Integrations
APPROVED

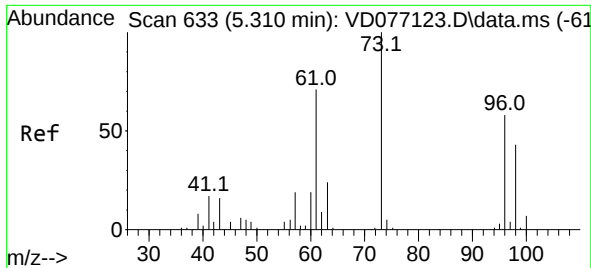
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#18
Methyl Acetate
Concen: 21.945 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 43 Resp: 44965
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6





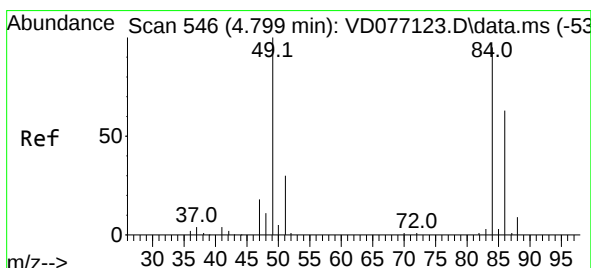
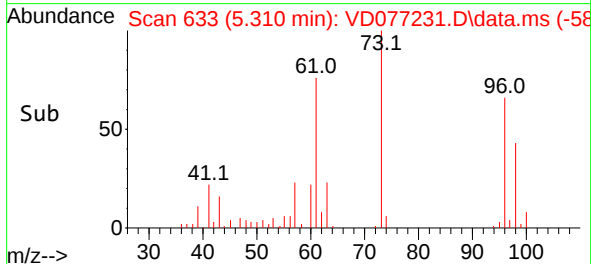
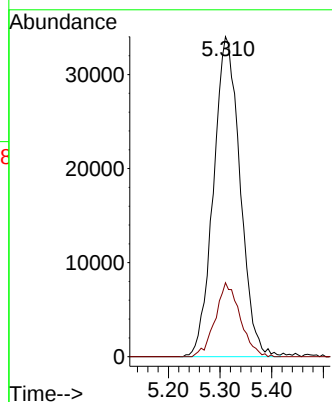
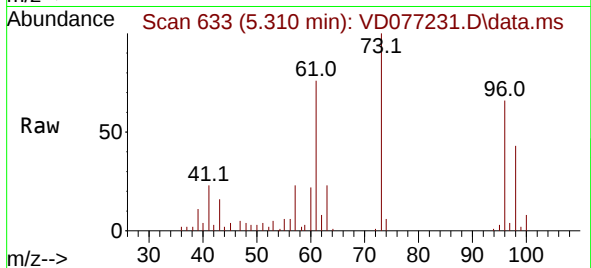
#19
Methyl tert-butyl Ether
Concen: 20.580 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 73 Resp: 12169
Ion Ratio Lower Upper
73 100
57 23.1 16.6 25.0

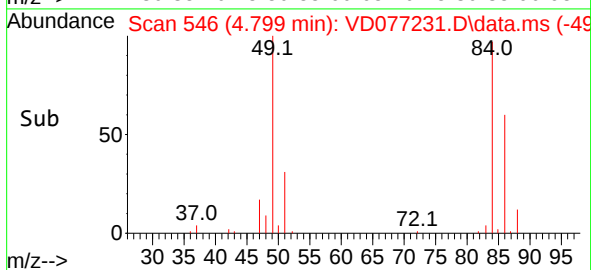
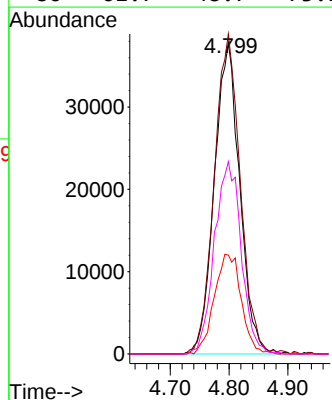
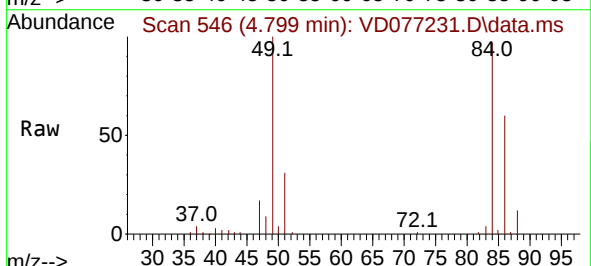
Manual Integrations
APPROVED

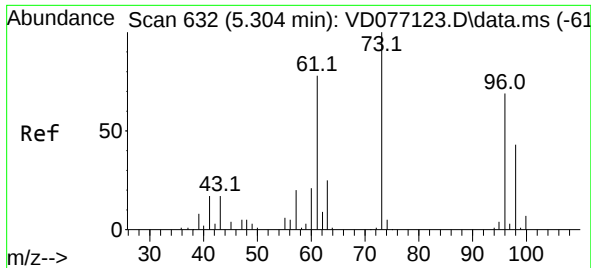
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#20
Methylene Chloride
Concen: 29.692 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 84 Resp: 113042
Ion Ratio Lower Upper
84 100
49 102.7 71.4 107.2
51 31.7 24.5 36.7
86 61.7 48.7 73.1





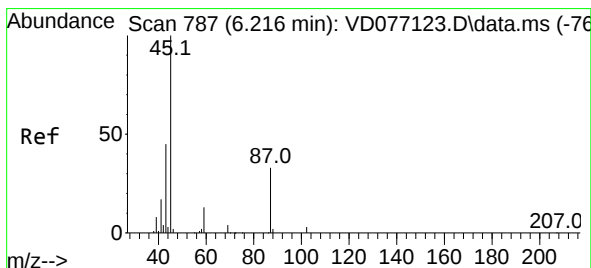
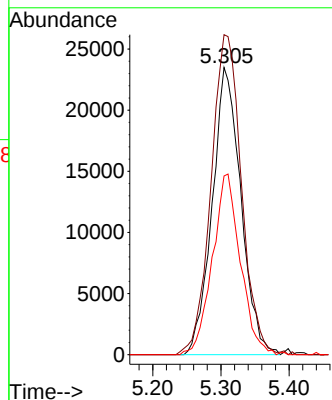
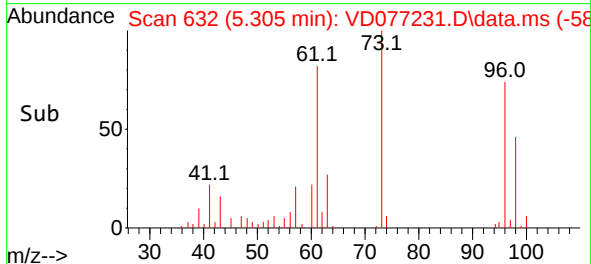
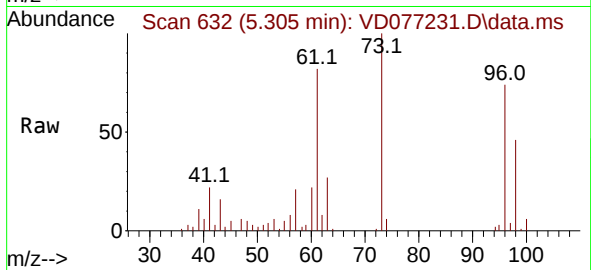
#21
trans-1,2-Dichloroethene
Concen: 20.833 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 96 Resp: 6882
Ion Ratio Lower Upper
96 100
61 110.5 89.3 133.9
98 62.2 48.6 73.0

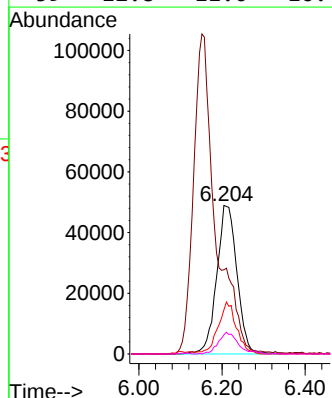
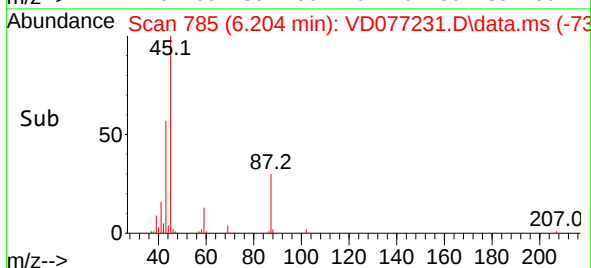
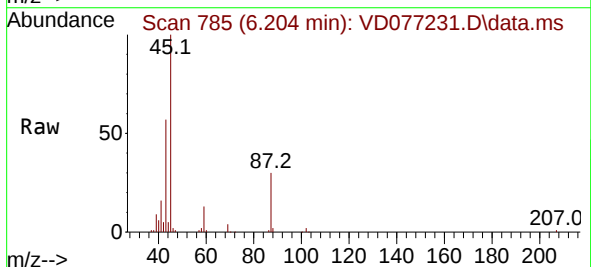
Manual Integrations
APPROVED

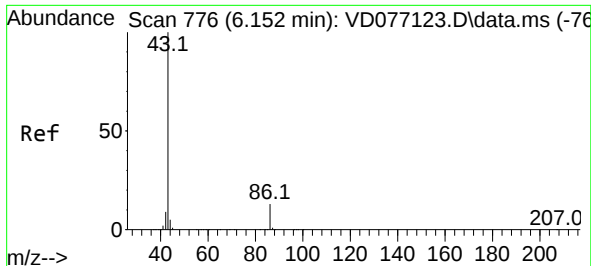
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#22
Diisopropyl ether
Concen: 21.965 ug/l
RT: 6.204 min Scan# 785
Delta R.T. -0.012 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

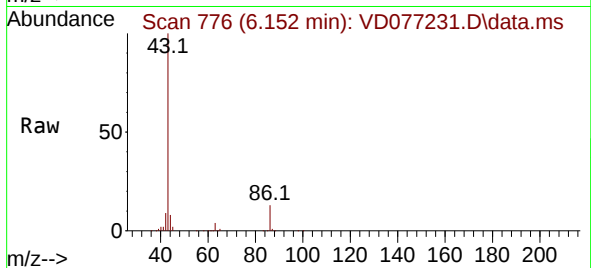
Tgt Ion: 45 Resp: 165583
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 29.6 28.2 42.4
59 12.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 128.648 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

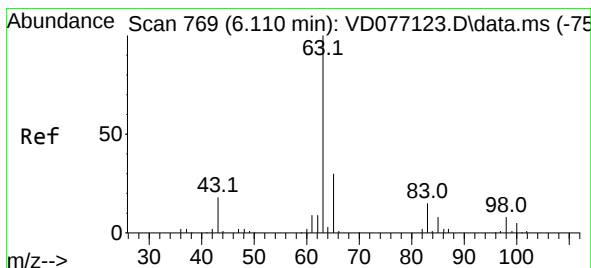
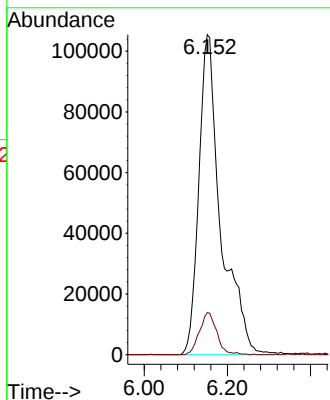
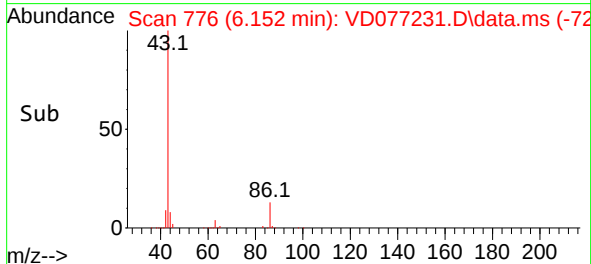
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01



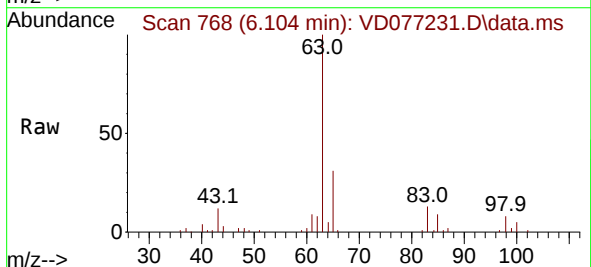
Tgt Ion: 43 Resp: 387710
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7

Manual Integrations
 APPROVED

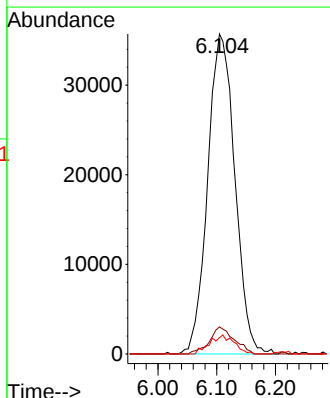
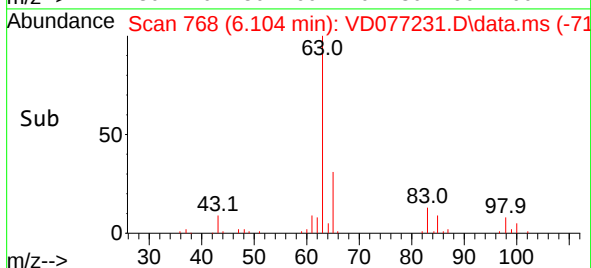
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023

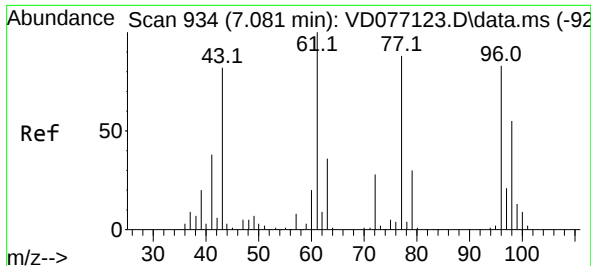


#24
 1,1-Dichloroethane
 Concen: 21.202 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30



Tgt Ion: 63 Resp: 114713
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 5.1 2.5 7.5





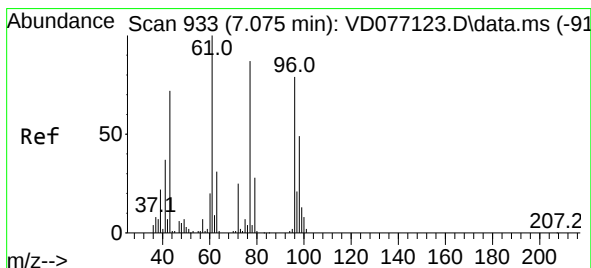
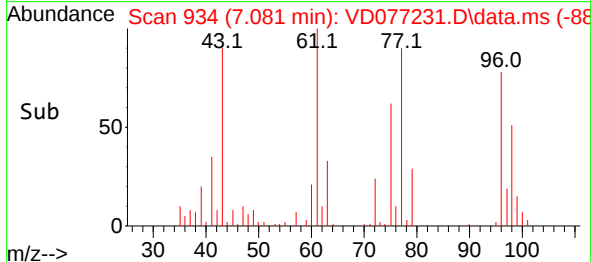
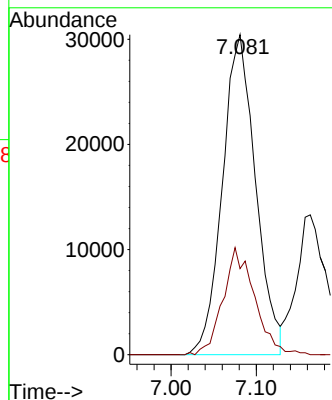
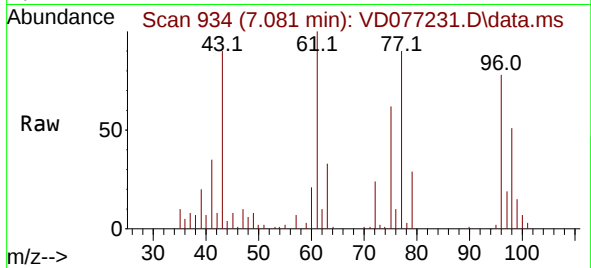
#25
2-Butanone
Concen: 115.398 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
72 26.9 30.7 46.1

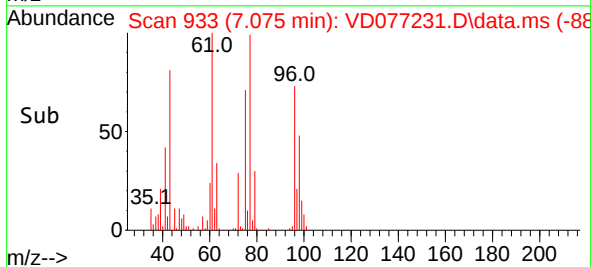
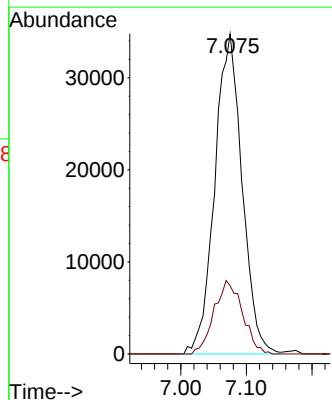
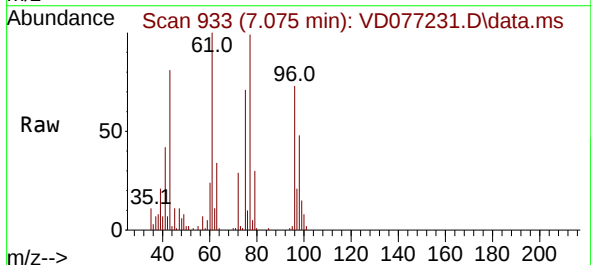
Manual Integrations
APPROVED

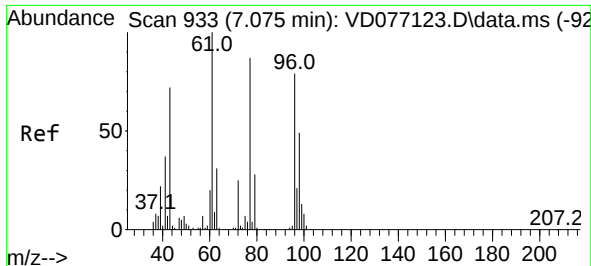
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#26
2,2-Dichloropropane
Concen: 21.930 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

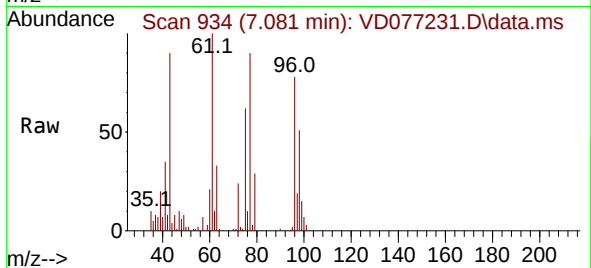
Tgt Ion: 77 Resp: 100716
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 20.077 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

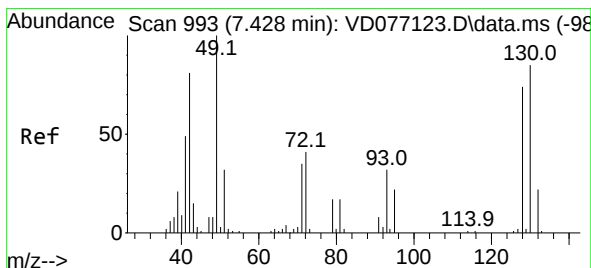
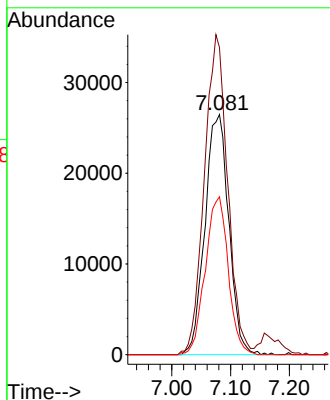
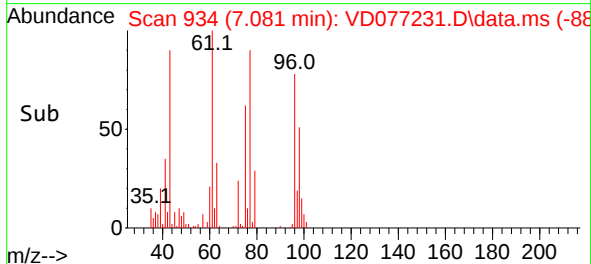
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion: 96 Resp: 74560
Ion Ratio Lower Upper
96 100
61 130.3 0.0 239.2
98 63.4 0.0 128.6

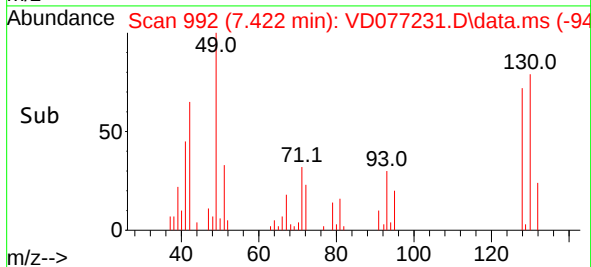
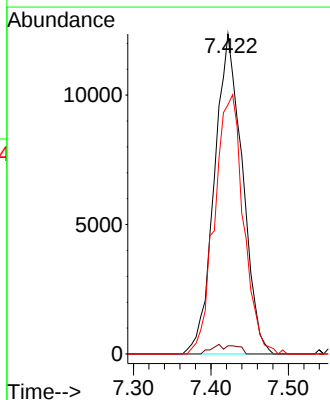
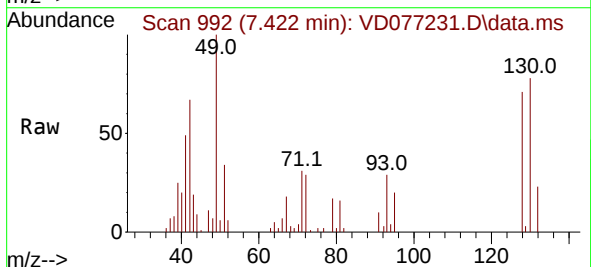
Manual Integrations
APPROVED

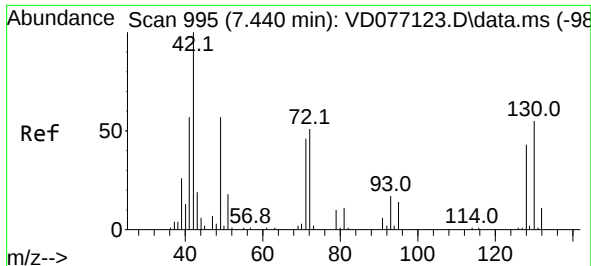
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#28
Bromochloromethane
Concen: 18.721 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 49 Resp: 31103
Ion Ratio Lower Upper
49 100
129 1.3 0.0 6.0
130 83.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 109.936 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

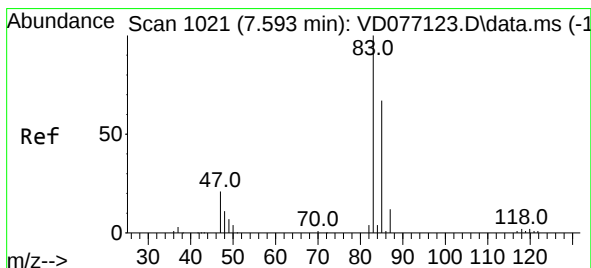
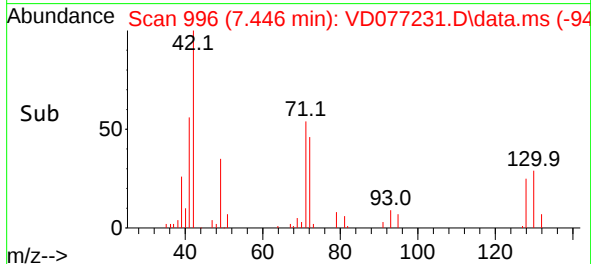
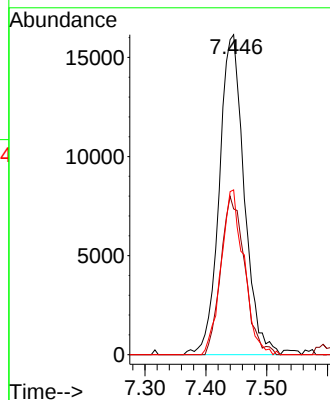
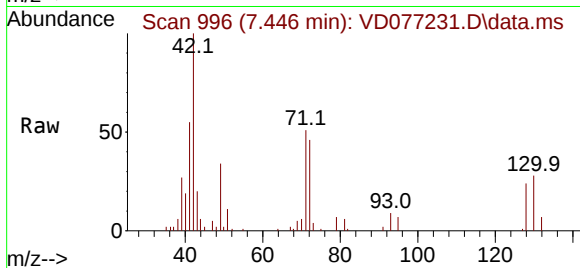
Tgt Ion:	42	Resp:	4581
Ion Ratio	Lower	Upper	
42	100		
72	47.7	46.5	69.7
71	47.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#30

Chloroform

Concen: 20.957 ug/l

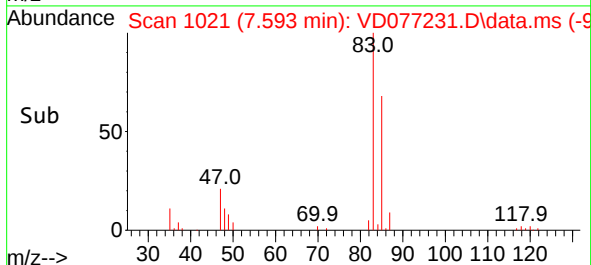
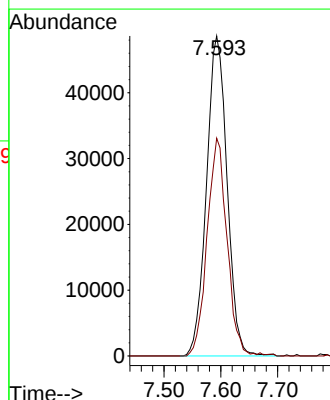
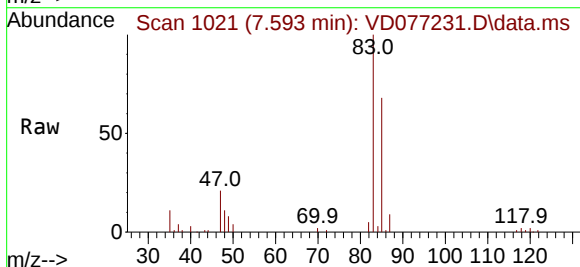
RT: 7.593 min Scan# 1021

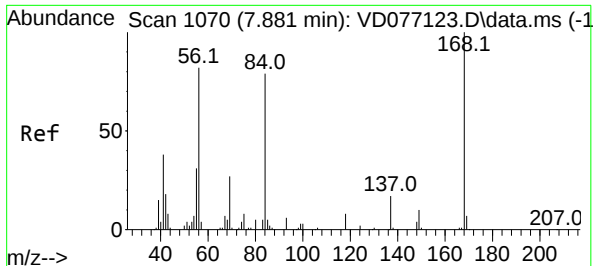
Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:	83	Resp:	122205
Ion Ratio	Lower	Upper	
83	100		
85	68.1	53.4	80.2





#31

Cyclohexane

Concen: 22.359 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077231.D

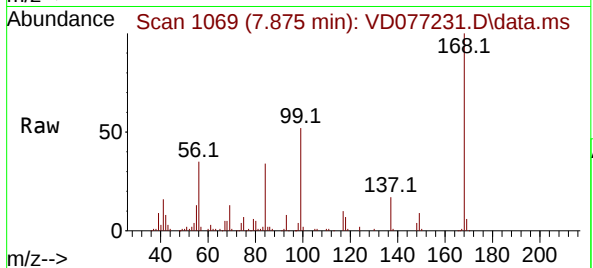
Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01



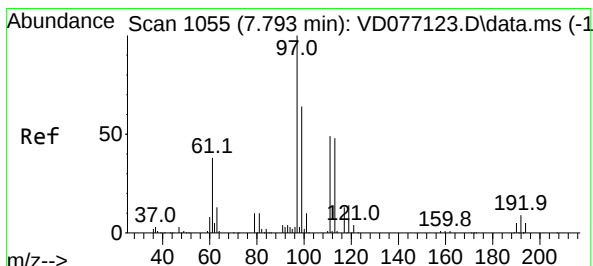
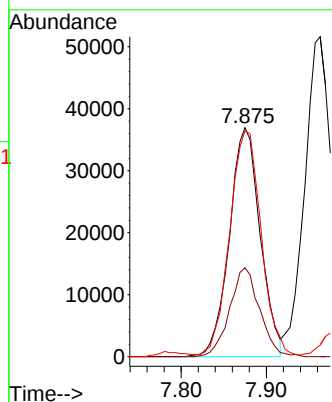
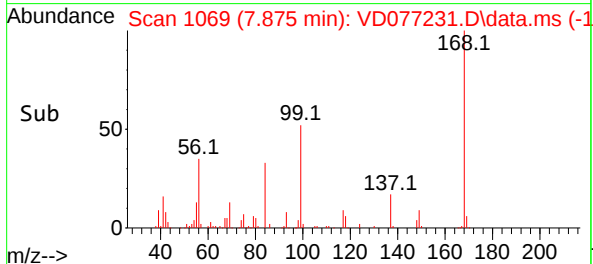
Tgt Ion:	56	Resp:	92740
Ion Ratio	Lower	Upper	
56	100		
69	38.9	28.6	43.0
84	97.3	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#32

1,1,1-Trichloroethane

Concen: 22.413 ug/l

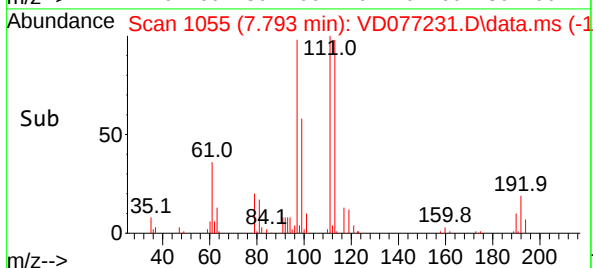
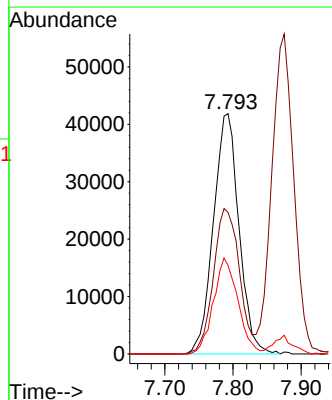
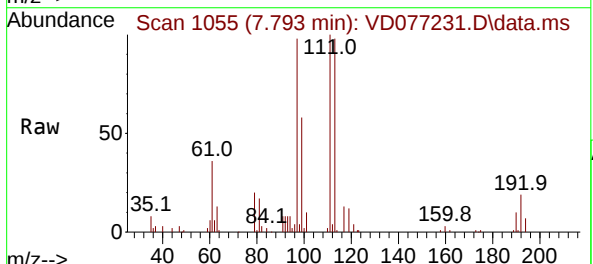
RT: 7.793 min Scan# 1055

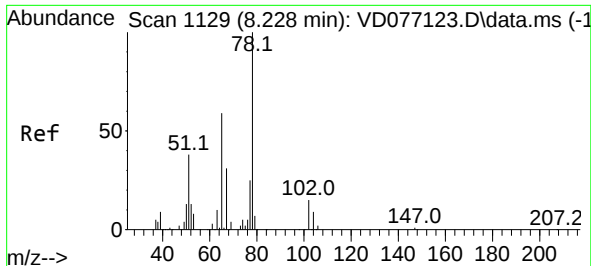
Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:	97	Resp:	109089
Ion Ratio	Lower	Upper	
97	100		
99	61.1	52.0	78.0
61	38.2	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 45.106 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 65 Resp: 106939

Ion Ratio Lower Upper

65 100

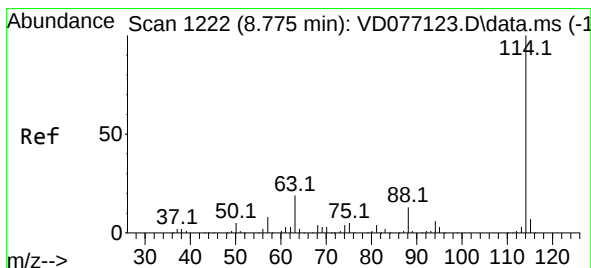
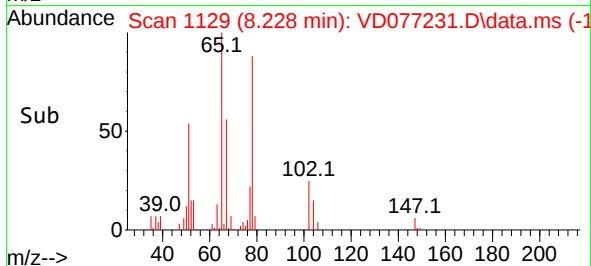
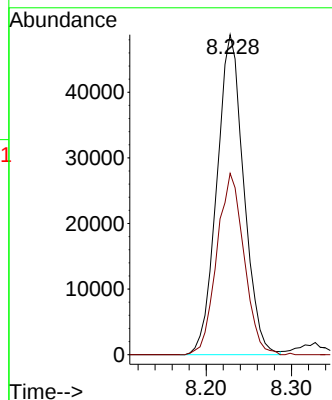
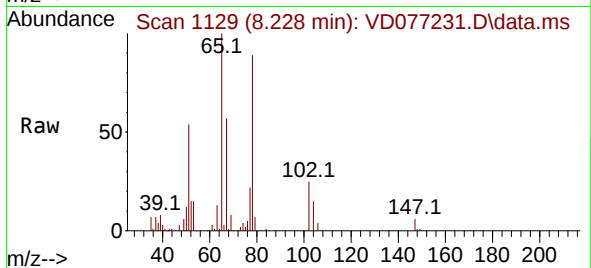
67 57.3 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

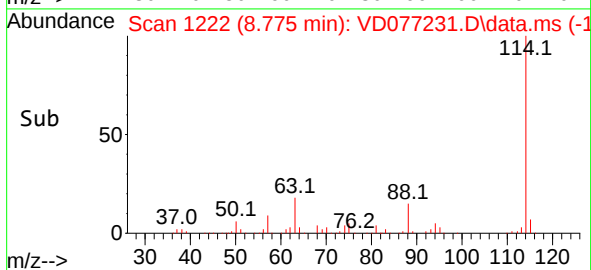
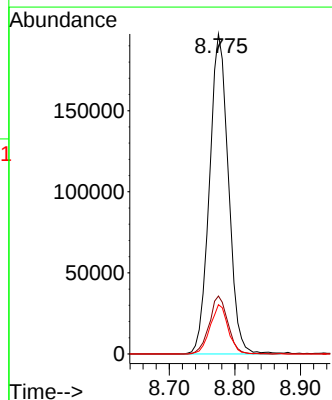
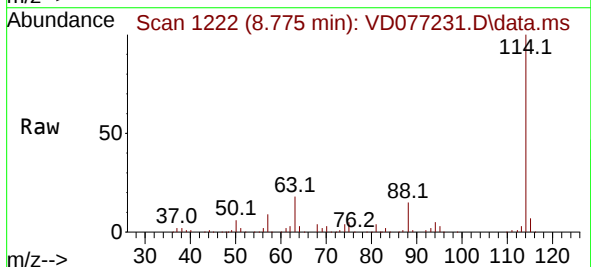
Tgt Ion:114 Resp: 395828

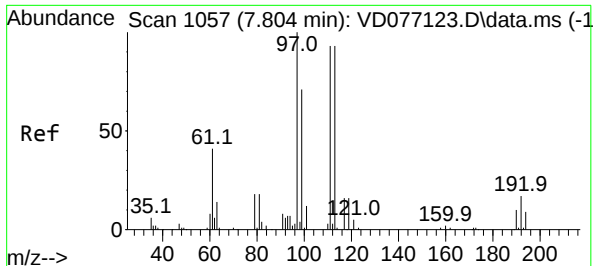
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 15.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.657 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

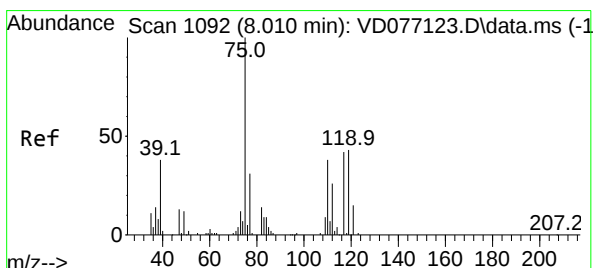
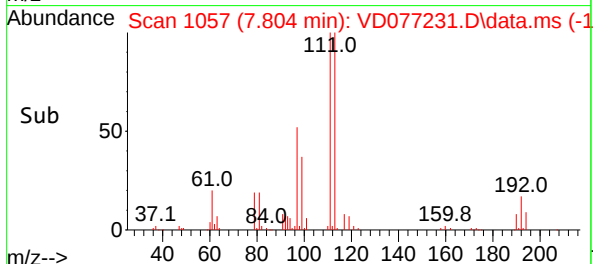
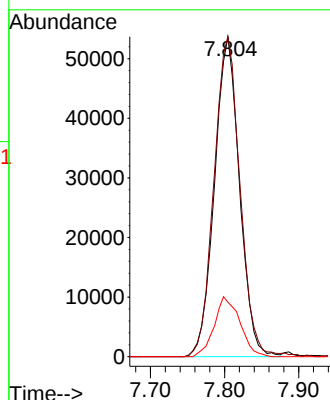
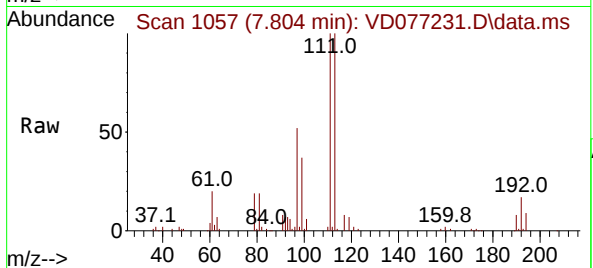
Tgt Ion:113 Resp: 125530
 Ion Ratio Lower Upper
 113 100
 111 104.2 84.7 127.1
 192 19.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#36

1,1-Dichloropropene

Concen: 22.178 ug/l

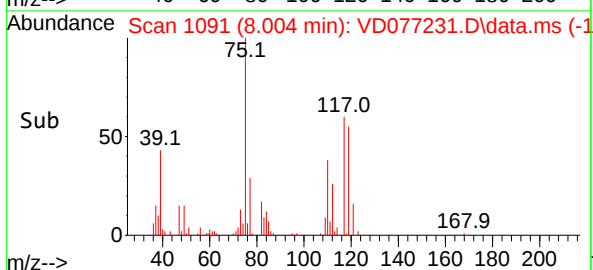
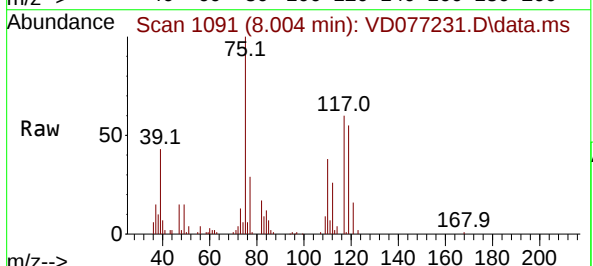
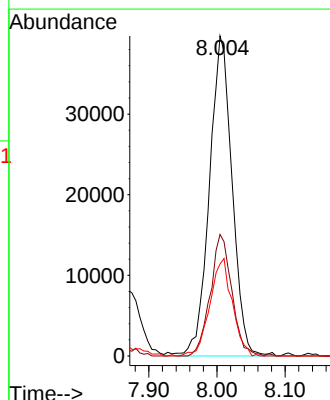
RT: 8.004 min Scan# 1091

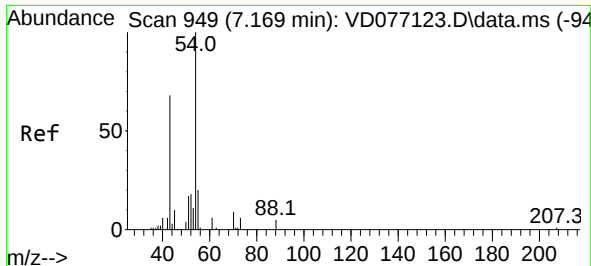
Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion: 75 Resp: 91829
 Ion Ratio Lower Upper
 75 100
 110 36.0 19.9 59.6
 77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.939 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

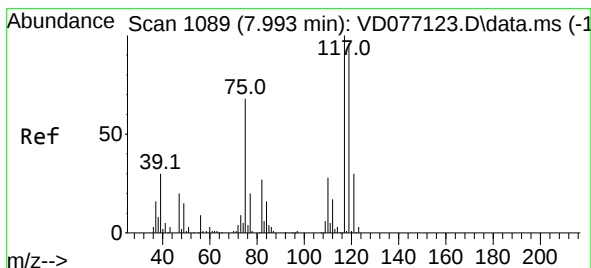
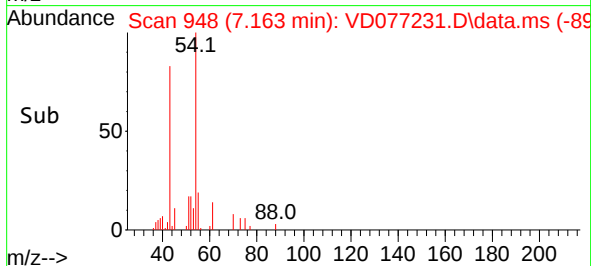
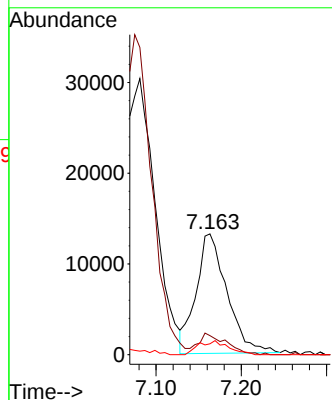
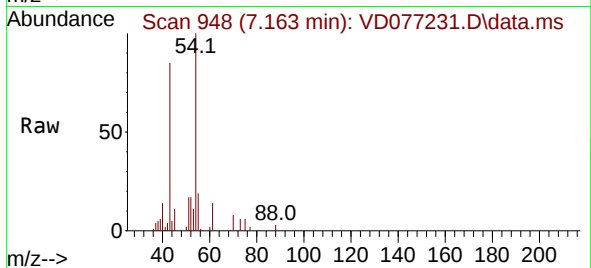
Tgt Ion:	43	Resp:	33264
Ion	Ratio	Lower	Upper
43	100		
61	16.0	14.9	22.3
70	11.1	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#38

Carbon Tetrachloride

Concen: 21.832 ug/l

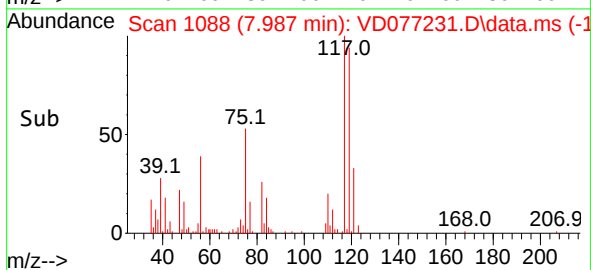
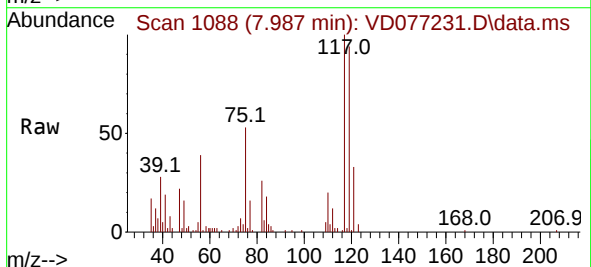
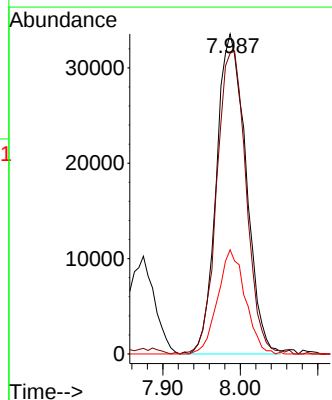
RT: 7.987 min Scan# 1088

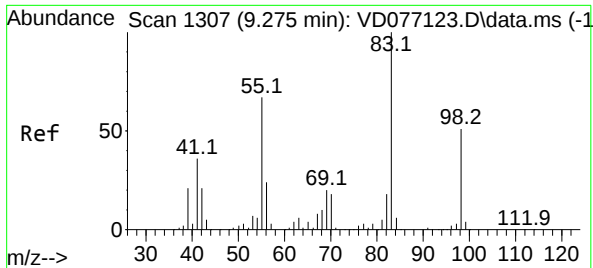
Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:	117	Resp:	88848
Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.0	117.0
121	32.6	24.2	36.2





#39

Methylcyclohexane

Concen: 21.303 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 83 Resp: 101489

Ion Ratio Lower Upper

83 100

55 68.3 49.4 74.0

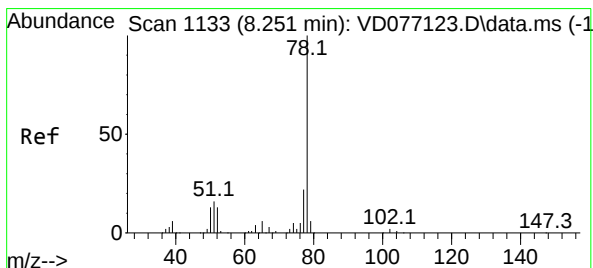
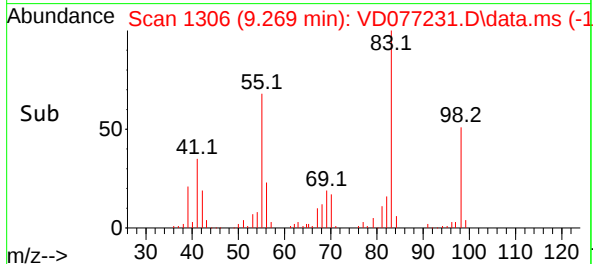
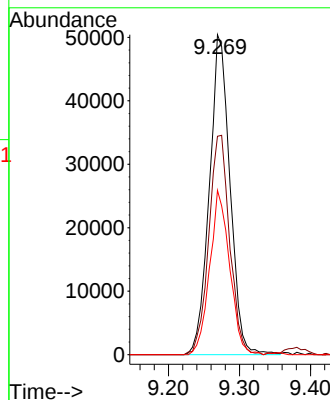
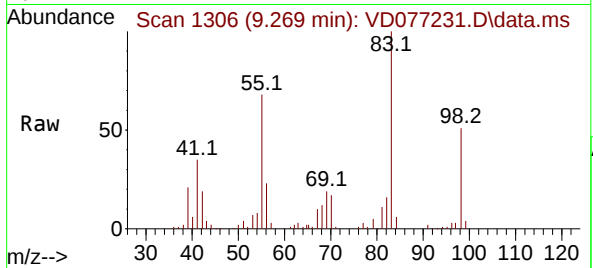
98 51.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#40

Benzene

Concen: 21.356 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077231.D

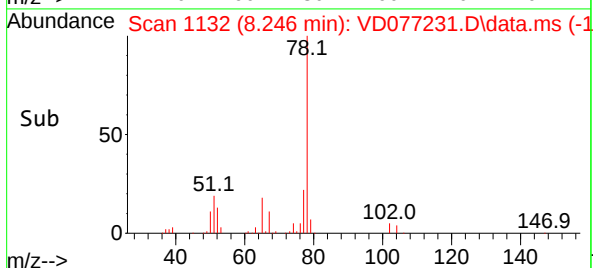
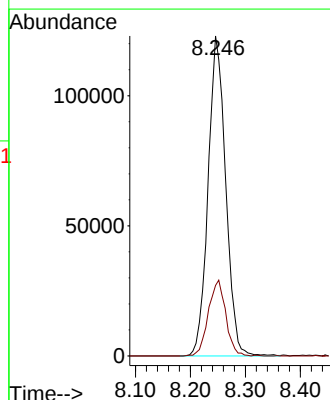
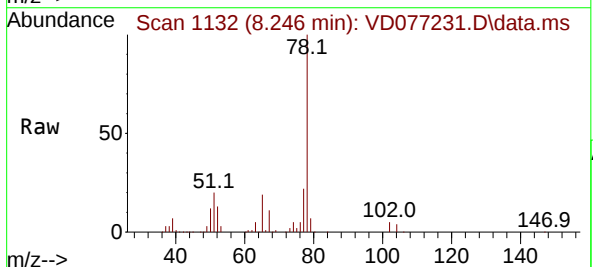
Acq: 28 Sep 2023 14:30

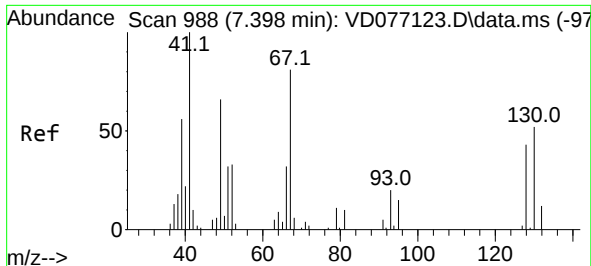
Tgt Ion: 78 Resp: 273578

Ion Ratio Lower Upper

78 100

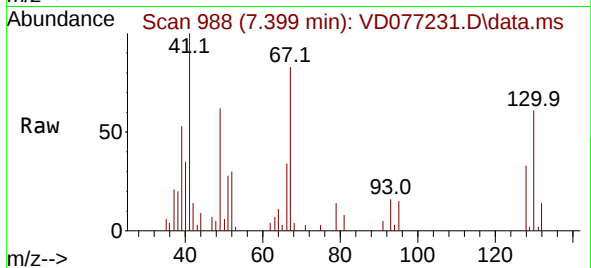
77 22.0 19.4 29.0





#41
Methacrylonitrile
Concen: 20.121 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

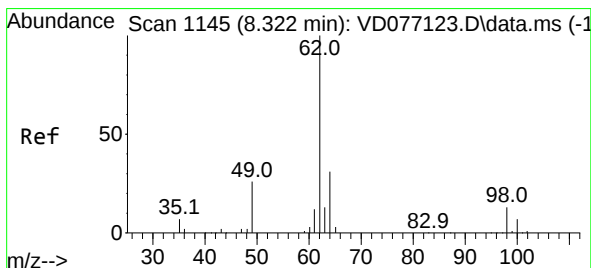
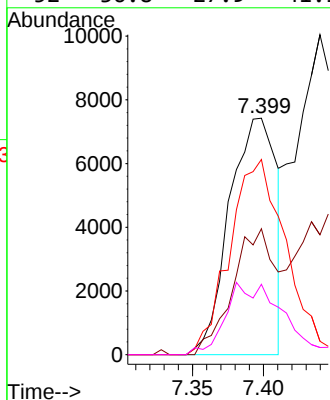
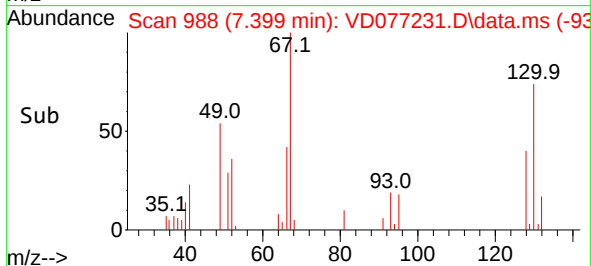
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion: 41 Resp: 1706
Ion Ratio Lower Upper
41 100
39 47.3 34.0 51.0
67 98.2 77.0 115.4
52 36.8 27.9 41.9

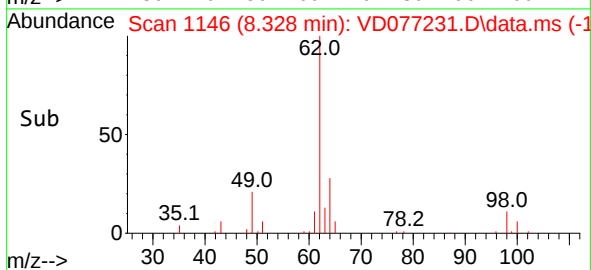
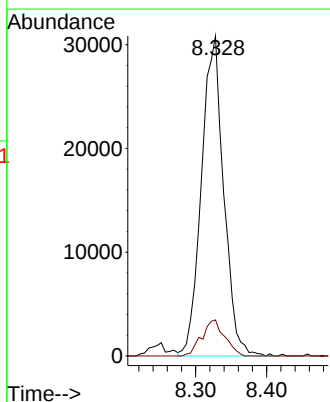
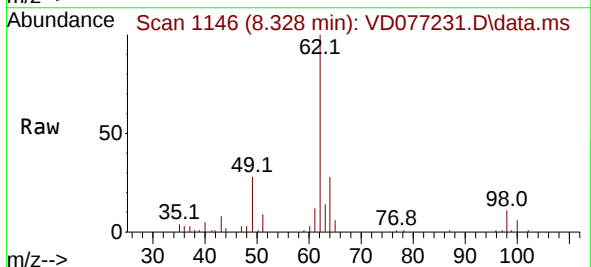
Manual Integrations
APPROVED

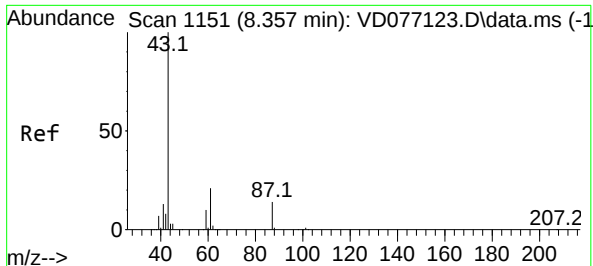
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#42
1,2-Dichloroethane
Concen: 21.193 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 62 Resp: 67312
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4





#43

Isopropyl Acetate

Concen: 22.169 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

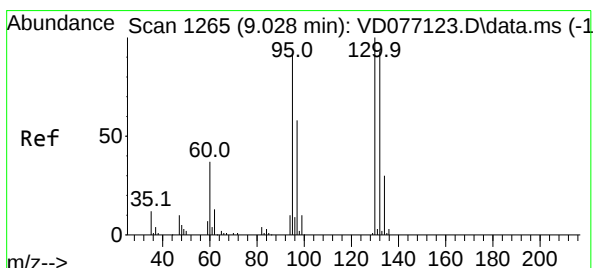
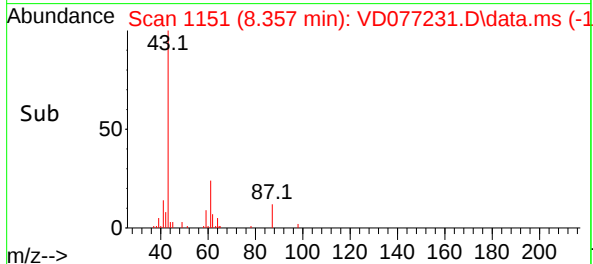
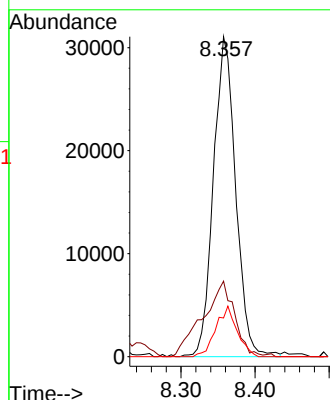
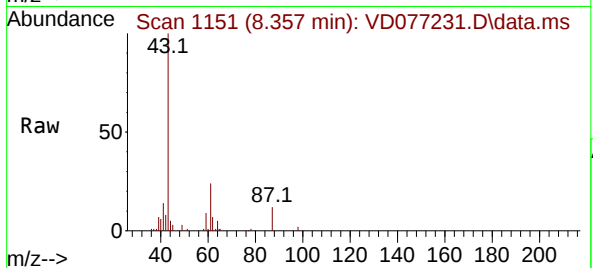
Tgt Ion: 43	Resp: 6484
Ion Ratio	Lower Upper
43 100	
61 33.9	31.4 47.0
87 15.0	14.9 22.3

Manual Integrations

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Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#44

Trichloroethene

Concen: 20.017 ug/l

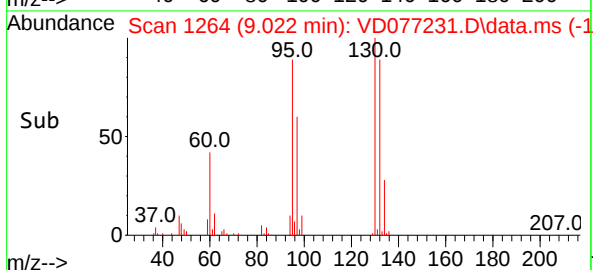
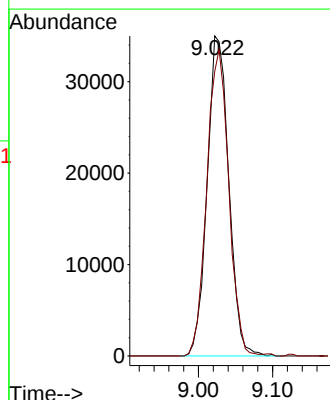
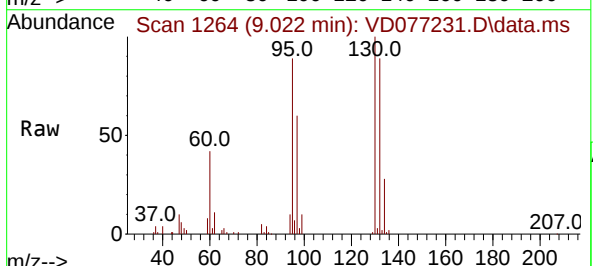
RT: 9.022 min Scan# 1264

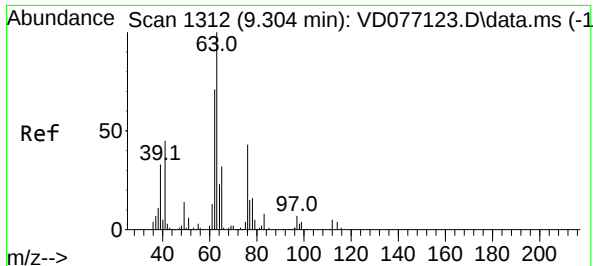
Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:130	Resp: 70974
Ion Ratio	Lower Upper
130 100	
95 88.9	0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.330 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 63 Resp: 66369

Ion Ratio Lower Upper

63 100

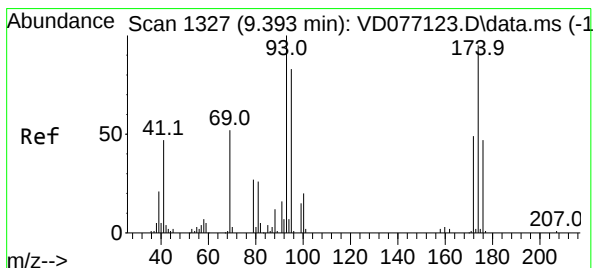
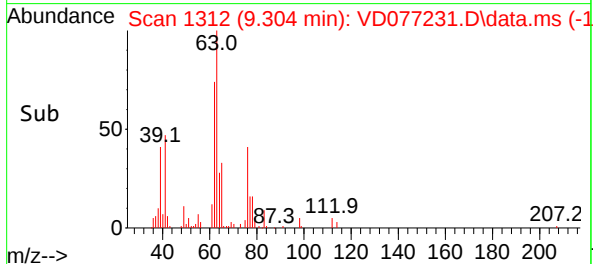
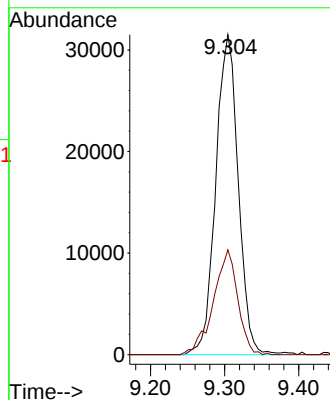
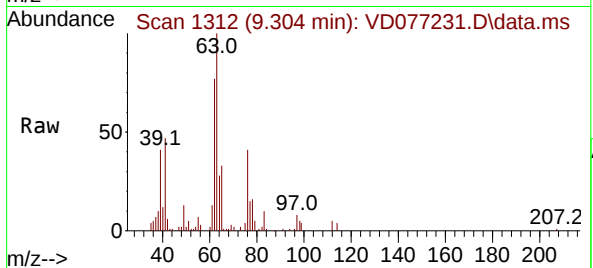
65 32.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#46

Dibromomethane

Concen: 21.259 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

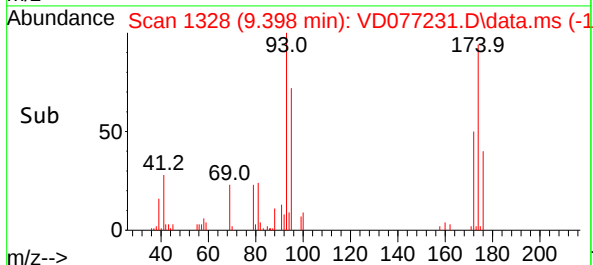
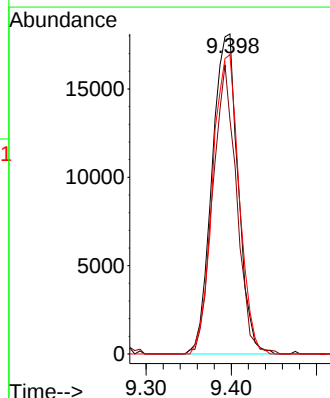
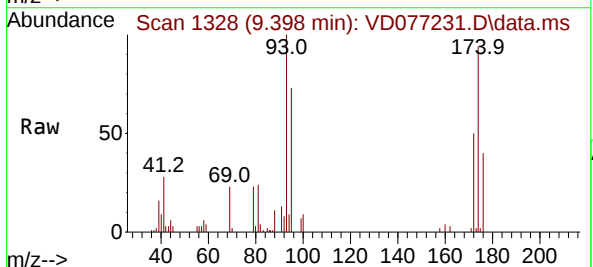
Tgt Ion: 93 Resp: 38438

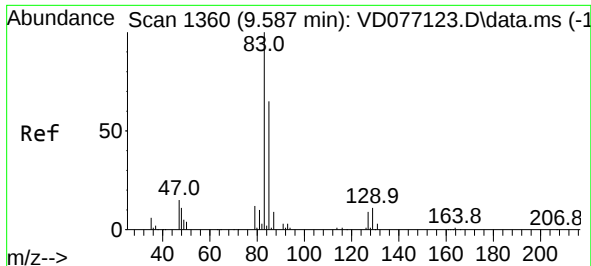
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

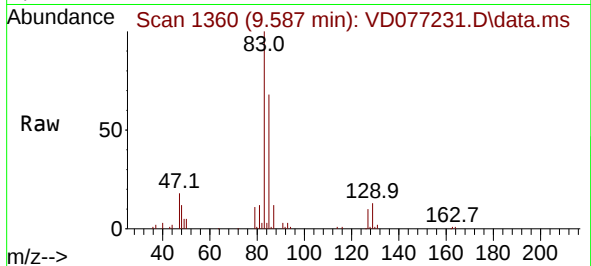
174 95.1 85.4 128.2





#47
Bromodichloromethane
Concen: 20.972 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

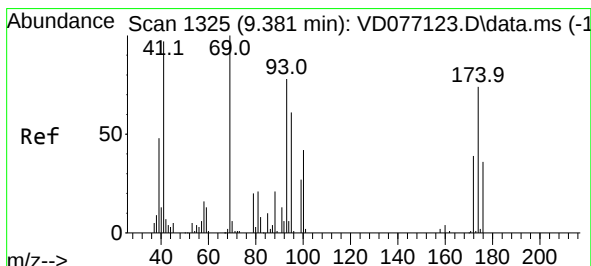
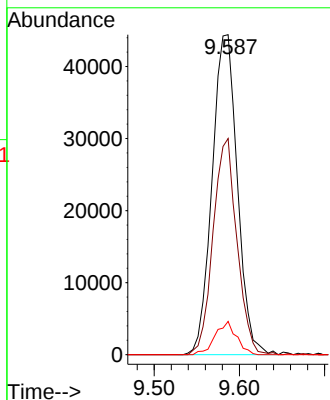
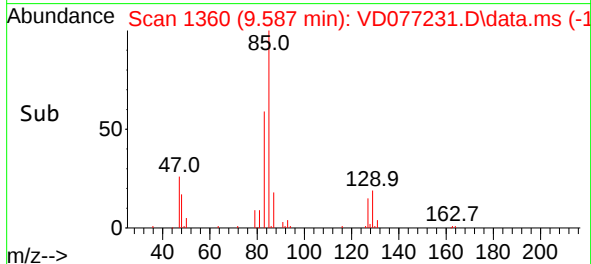
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion: 83 Resp: 91633
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.4
127 10.4 6.3 9.5

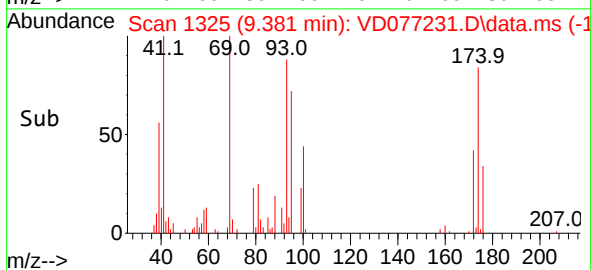
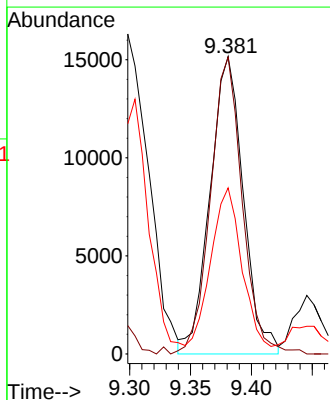
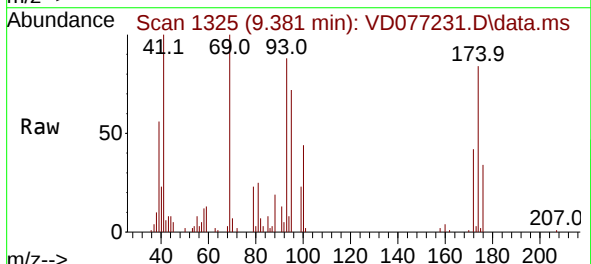
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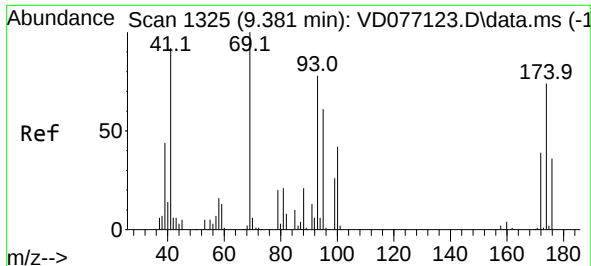
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#48
Methyl methacrylate
Concen: 21.681 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 41 Resp: 28815
Ion Ratio Lower Upper
41 100
69 95.3 102.2 153.2#
39 49.5 41.4 62.2





#49

1,4-Dioxane

Concen: 414.743 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 88 Resp: 6769

Ion Ratio Lower Upper

88 100

43 31.0 19.0 28.6

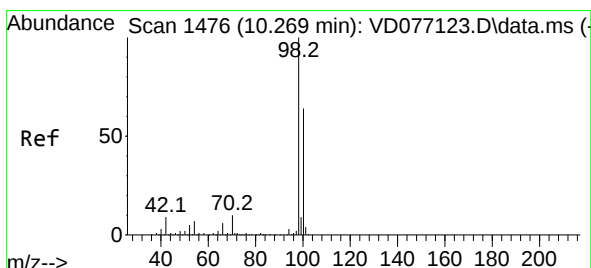
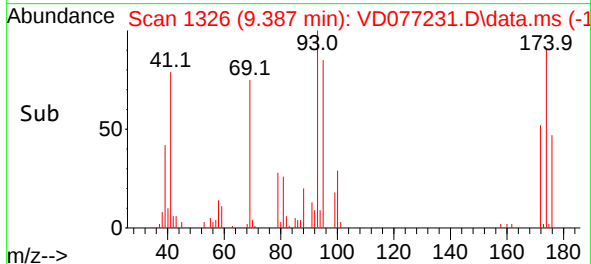
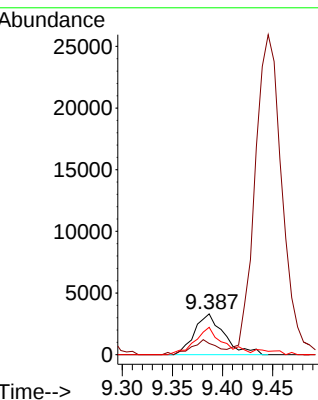
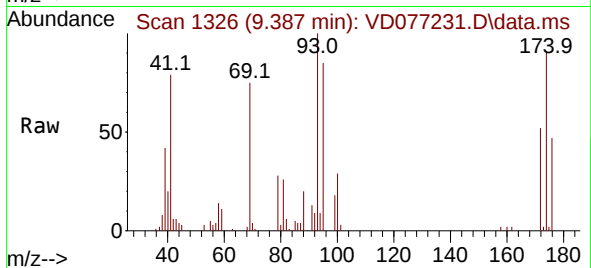
58 63.1 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#50

Toluene-d8

Concen: 45.938 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077231.D

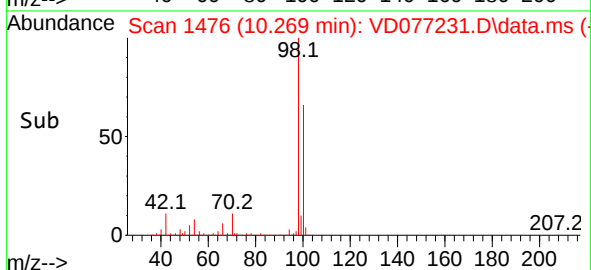
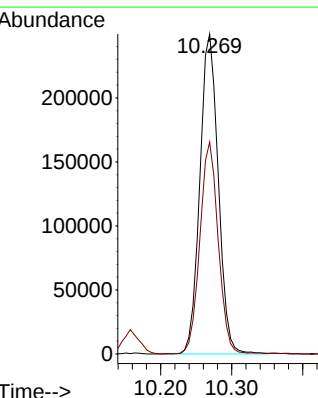
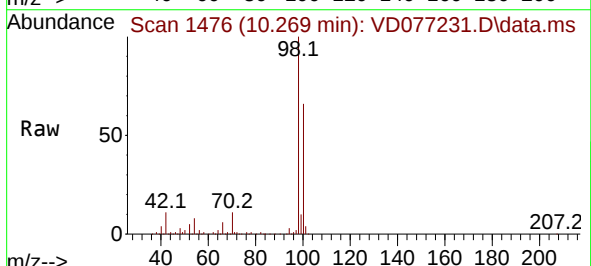
Acq: 28 Sep 2023 14:30

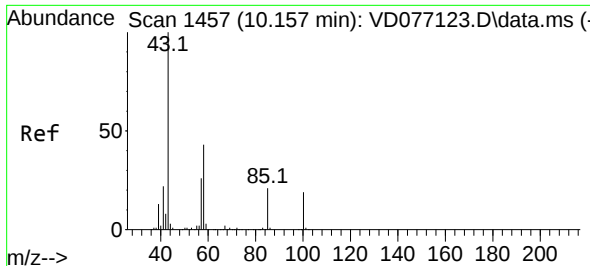
Tgt Ion: 98 Resp: 449562

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5





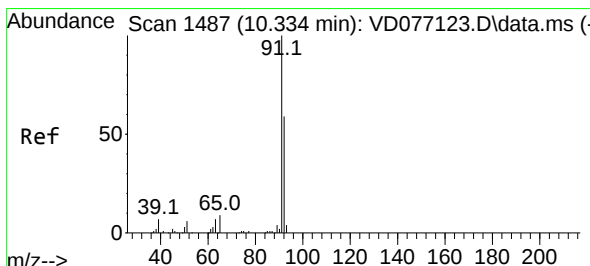
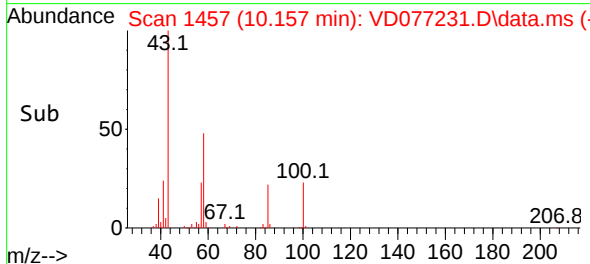
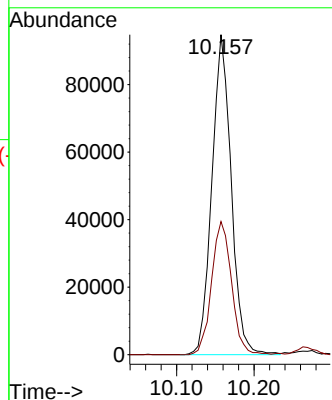
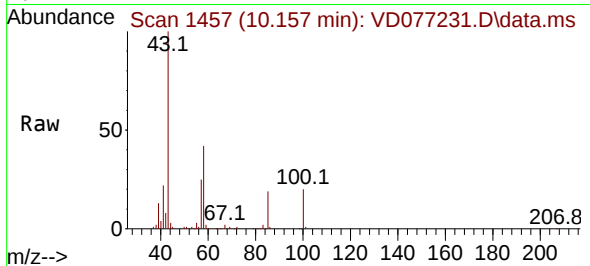
#51
4-Methyl-2-Pentanone
Concen: 107.168 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 43 Resp: 163938
Ion Ratio Lower Upper
43 100
58 43.0 38.9 58.3

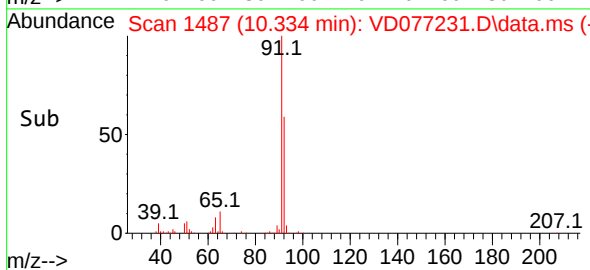
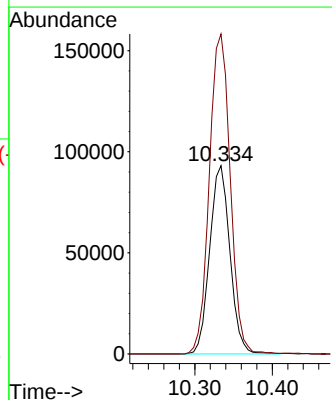
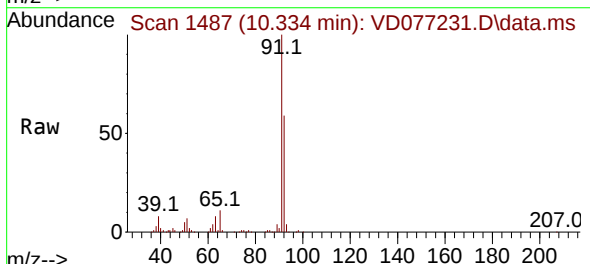
Manual Integrations
APPROVED

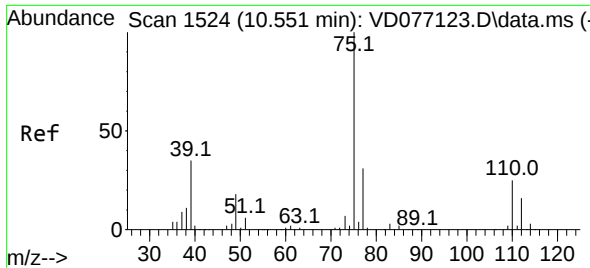
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#52
Toluene
Concen: 20.597 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

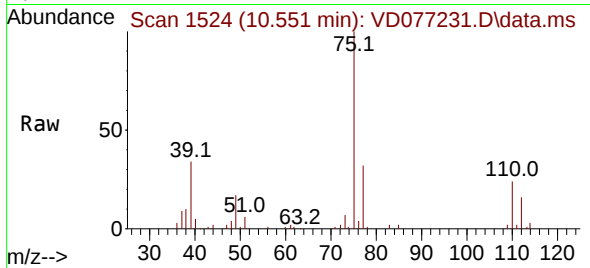
Tgt Ion: 92 Resp: 168799
Ion Ratio Lower Upper
92 100
91 175.8 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 20.895 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

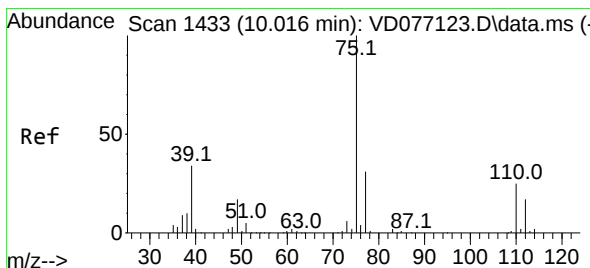
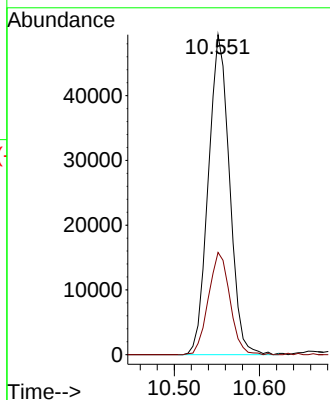
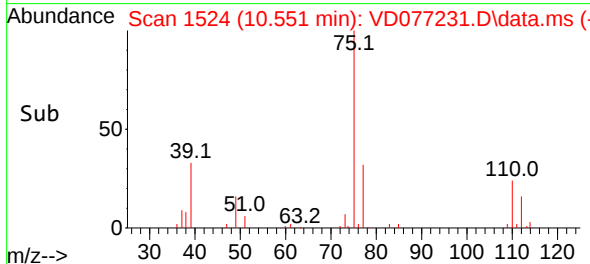
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01



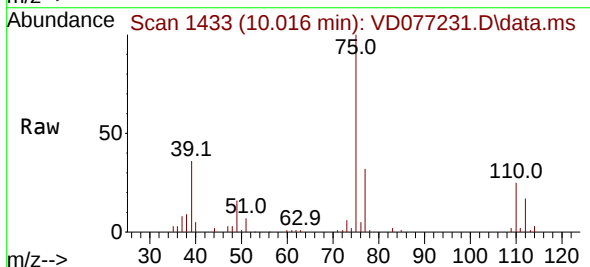
Tgt Ion: 75 Resp: 8529
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9

Manual Integrations
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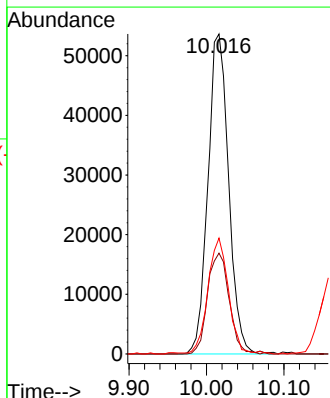
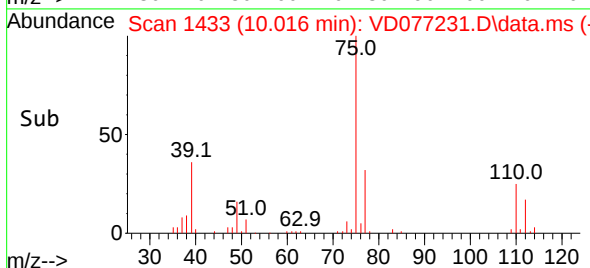
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023

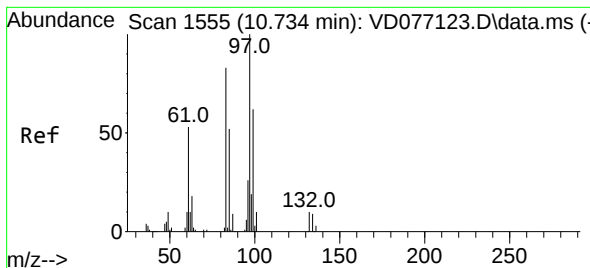


#54
 cis-1,3-Dichloropropene
 Concen: 20.366 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30



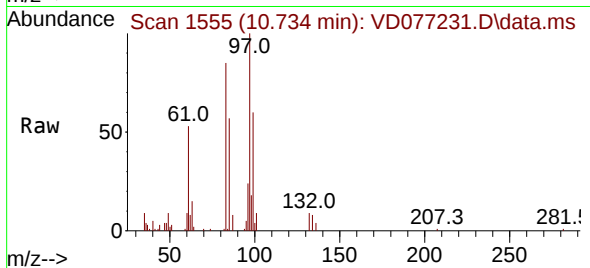
Tgt Ion: 75 Resp: 99603
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 36.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.932 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

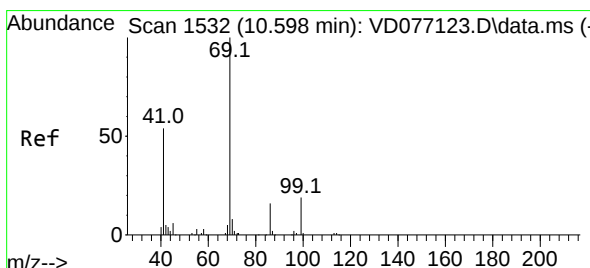
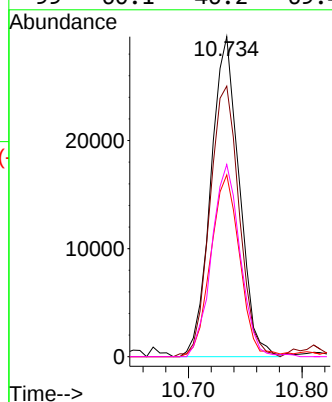
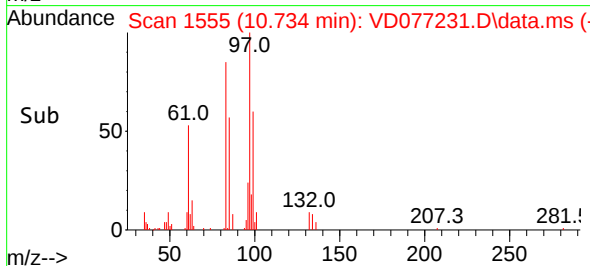
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



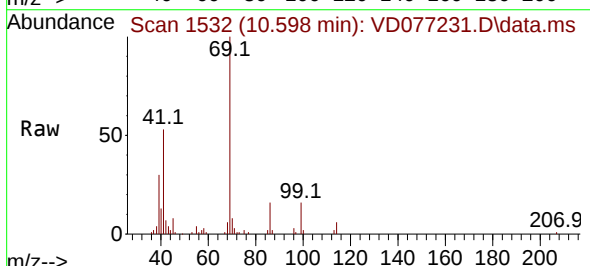
Tgt Ion:	97	Resp:	51470
Ion Ratio	100	Lower	Upper
83	84.5	65.8	98.6
85	56.8	45.7	68.5
99	60.1	46.2	69.4

Manual Integrations
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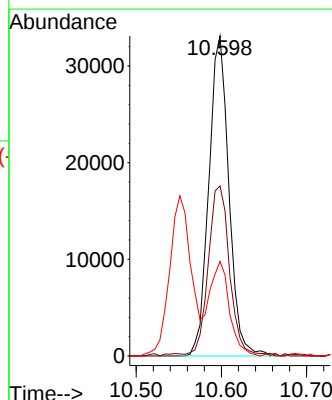
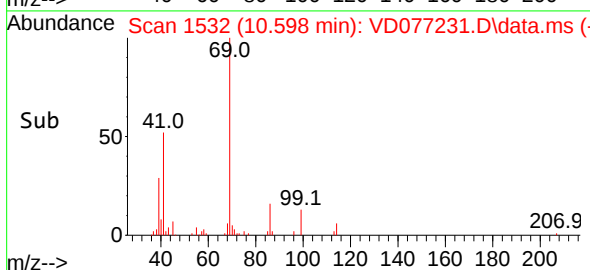
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

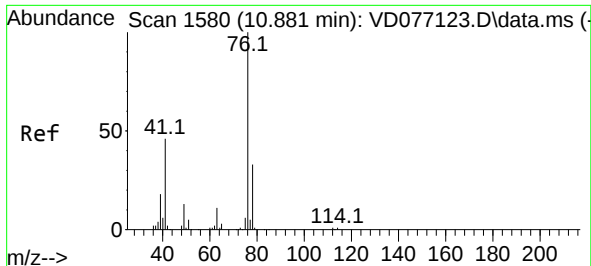


#56
Ethyl methacrylate
Concen: 20.546 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30



Tgt Ion:	69	Resp:	54283
Ion Ratio	100	Lower	Upper
41	57.2	39.1	58.7
39	30.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.120 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 76 Resp: 8408

Ion Ratio Lower Upper

76 100

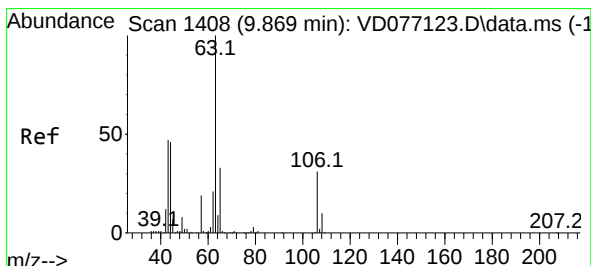
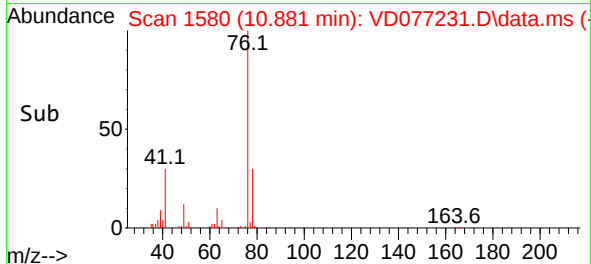
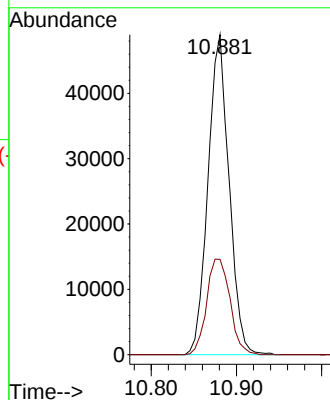
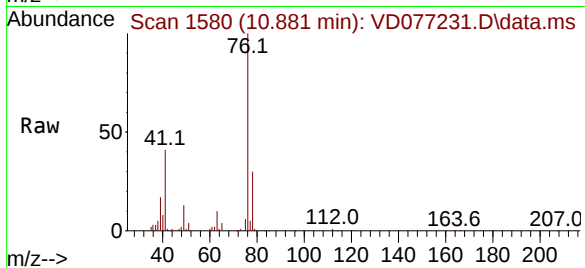
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 72.646 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077231.D

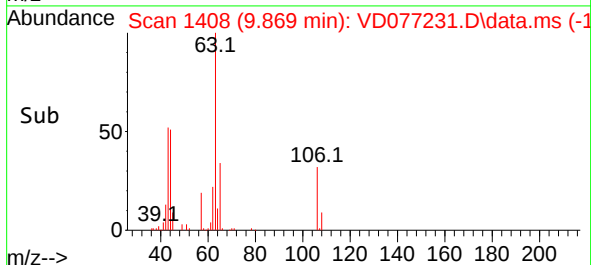
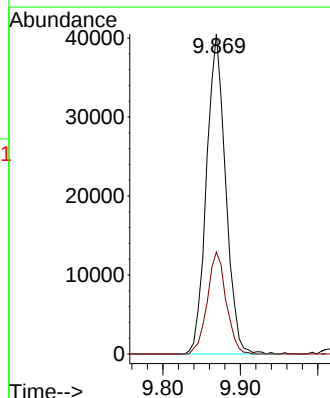
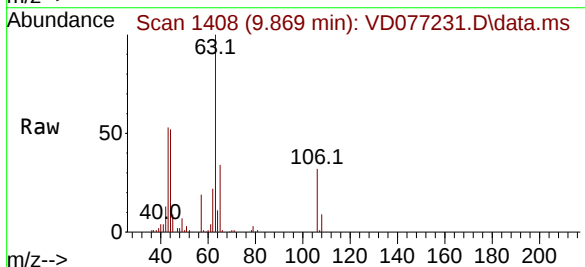
Acq: 28 Sep 2023 14:30

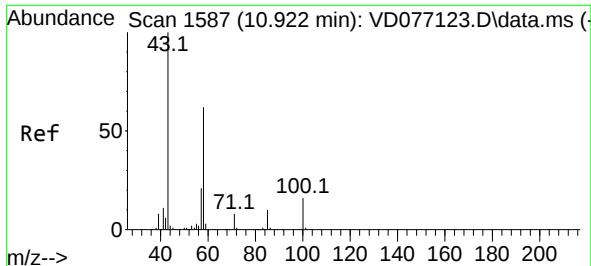
Tgt Ion: 63 Resp: 69317

Ion Ratio Lower Upper

63 100

106 31.4 25.3 37.9





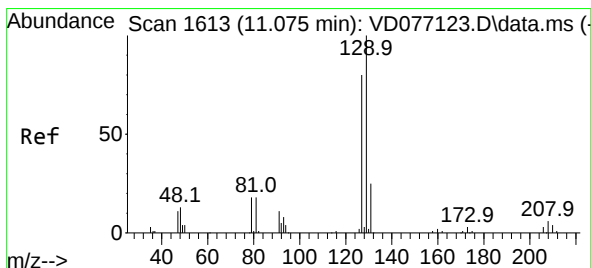
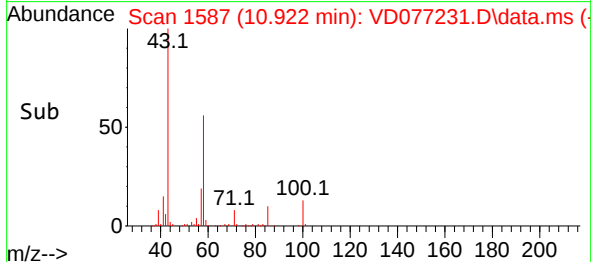
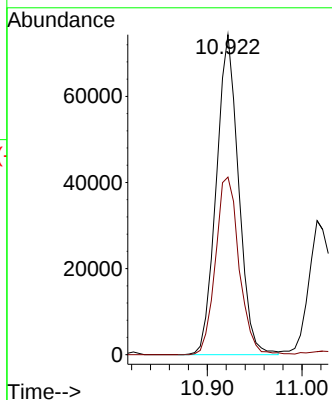
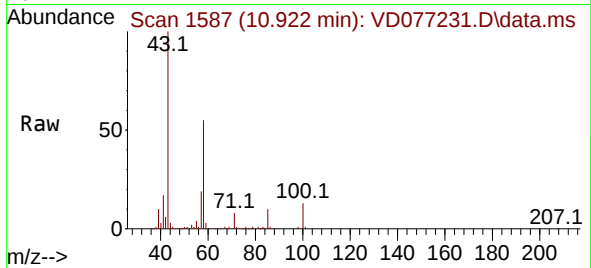
#59
2-Hexanone
Concen: 110.794 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 43 Resp: 121600
Ion Ratio Lower Upper
43 100
58 58.8 34.1 102.2

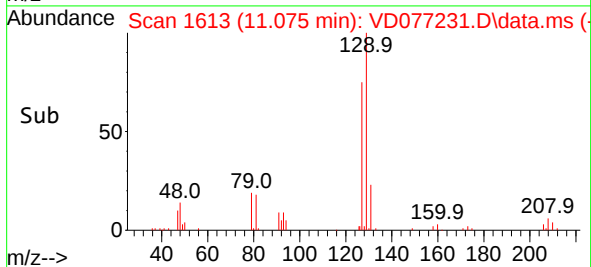
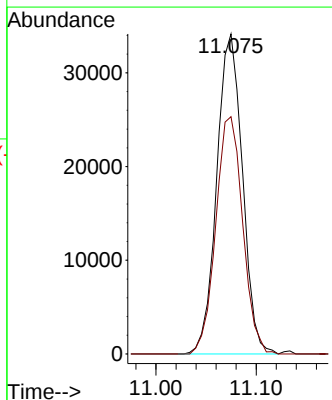
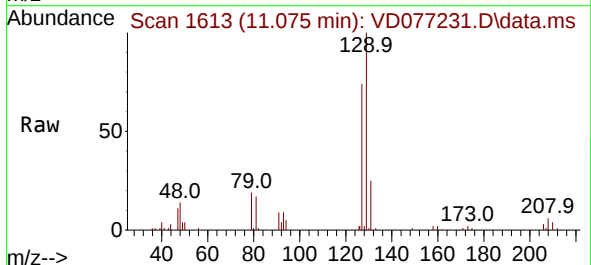
Manual Integrations
APPROVED

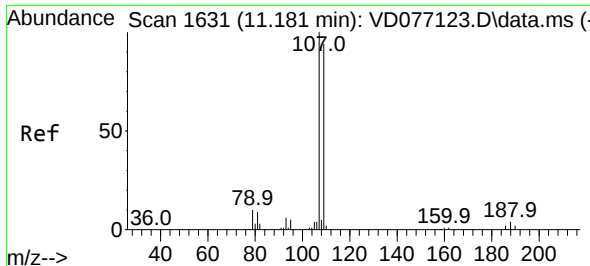
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#60
Dibromochloromethane
Concen: 20.192 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

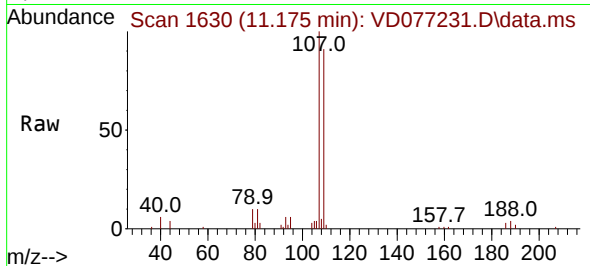
Tgt Ion:129 Resp: 60820
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.604 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

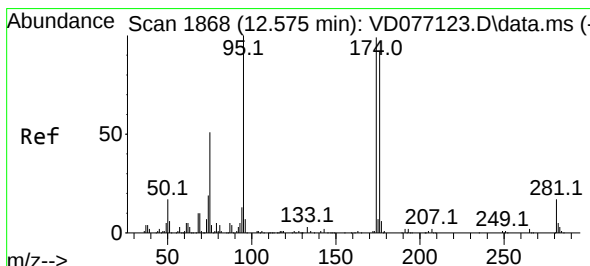
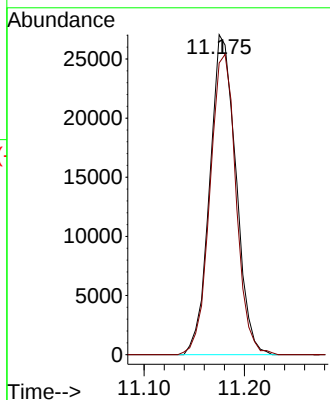
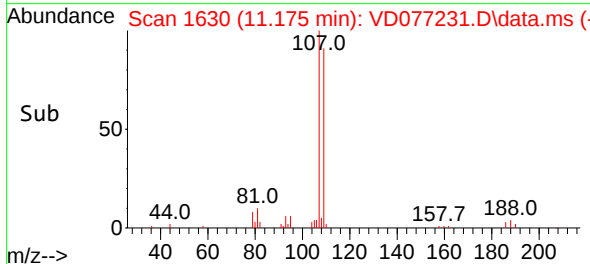
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



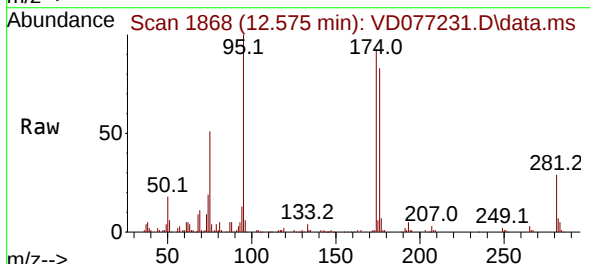
Tgt Ion:107 Resp: 48980
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

Manual Integrations
APPROVED

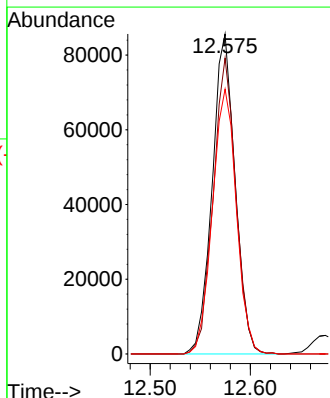
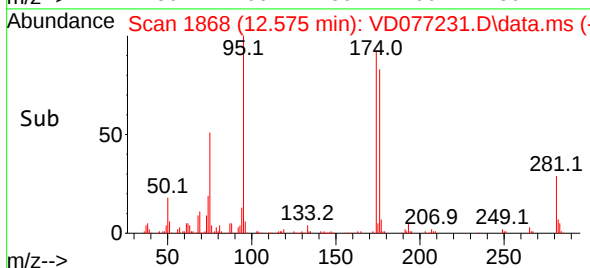
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

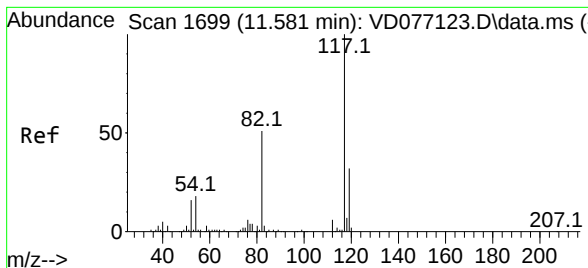


#62
4-Bromofluorobenzene
Concen: 44.842 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30



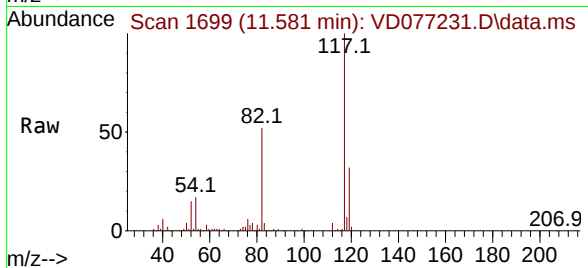
Tgt Ion: 95 Resp: 136013
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 86.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

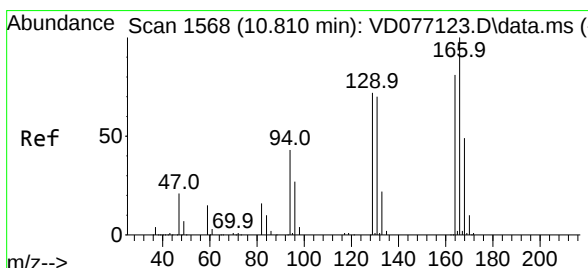
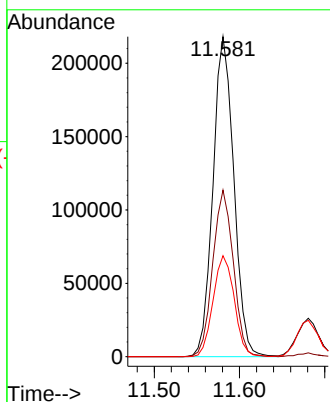
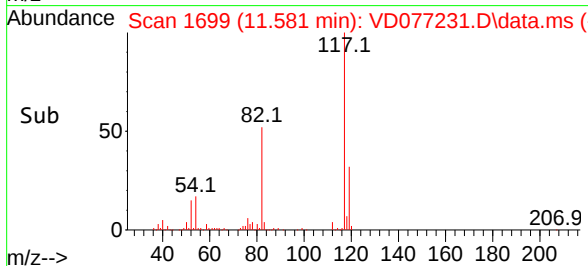
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion:117 Resp: 371811
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 31.6 25.0 37.4

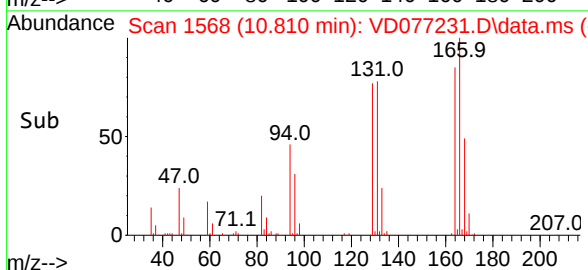
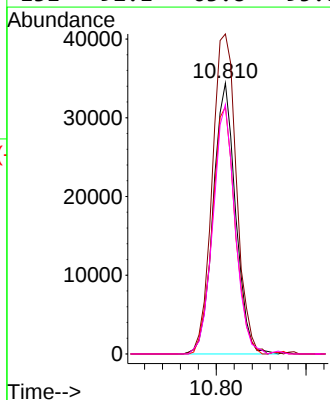
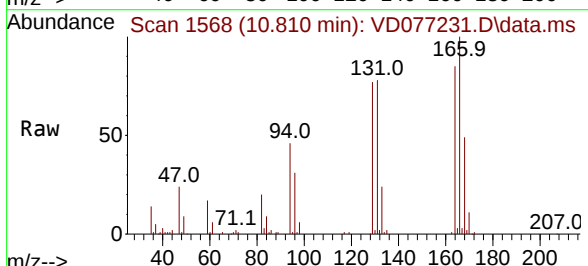
Manual Integrations
APPROVED

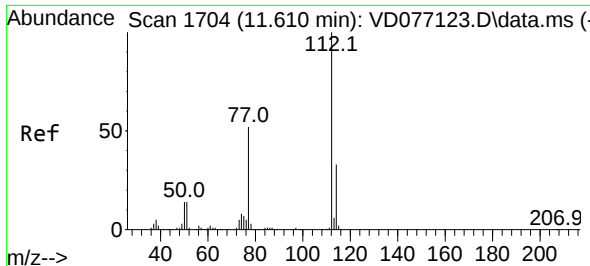
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#64
Tetrachloroethene
Concen: 20.585 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

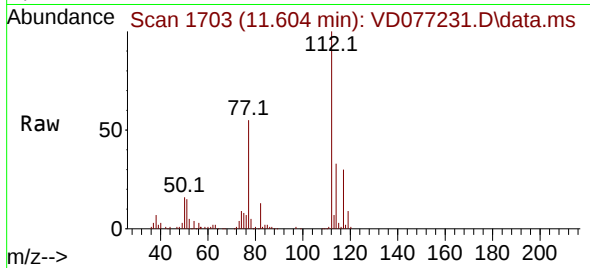
Tgt Ion:164 Resp: 59551
Ion Ratio Lower Upper
164 100
166 118.1 99.2 148.8
129 91.2 68.4 102.6
131 92.1 63.8 95.8





#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

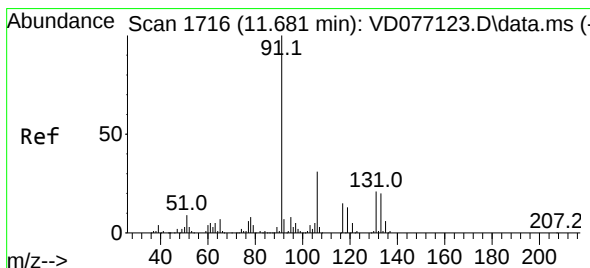
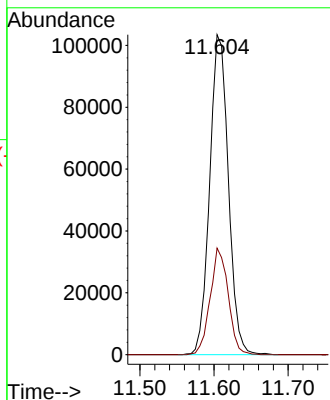
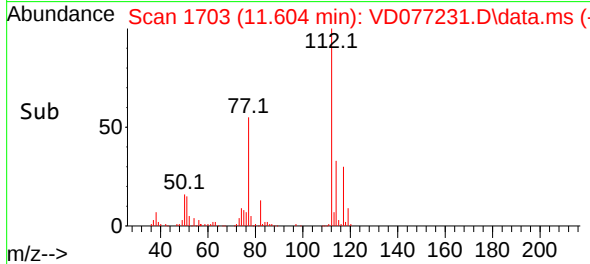
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion:112 Resp: 18132
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7

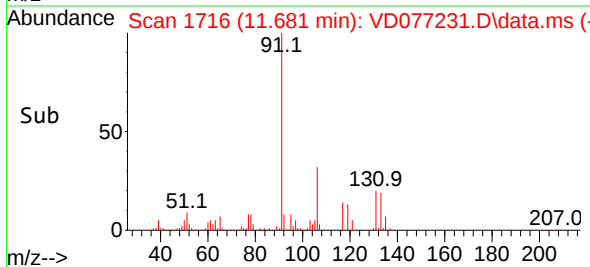
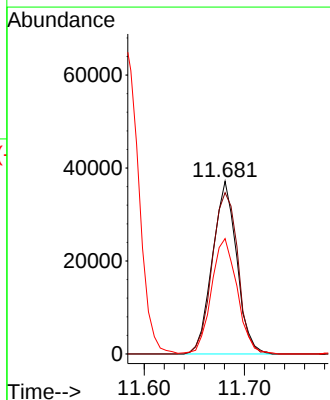
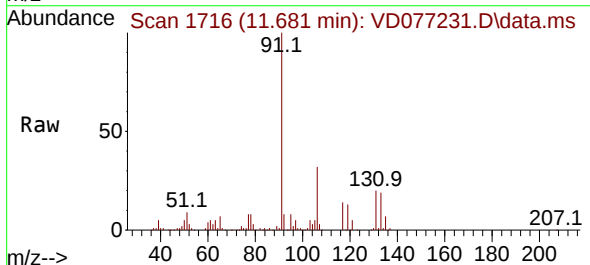
Manual Integrations
APPROVED

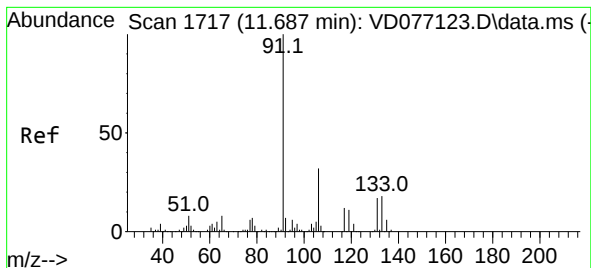
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.563 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:131 Resp: 62602
Ion Ratio Lower Upper
131 100
133 99.3 48.5 145.5
119 70.9 35.6 106.9





#67

Ethyl Benzene

Concen: 20.742 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

Tgt Ion: 91 Resp: 311839

Ion Ratio Lower Upper

91 100

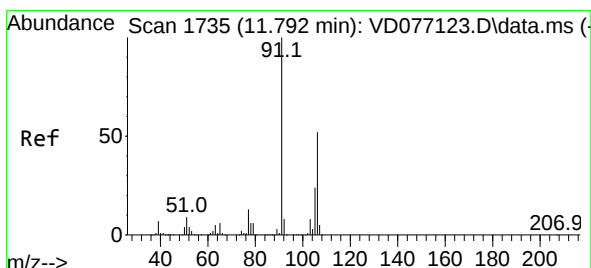
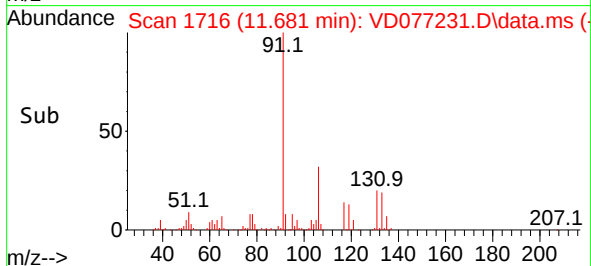
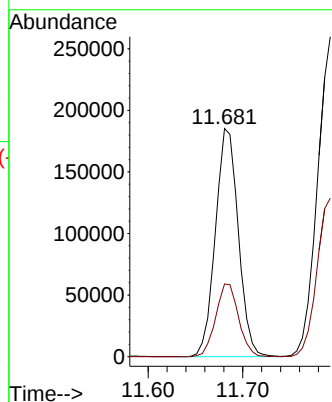
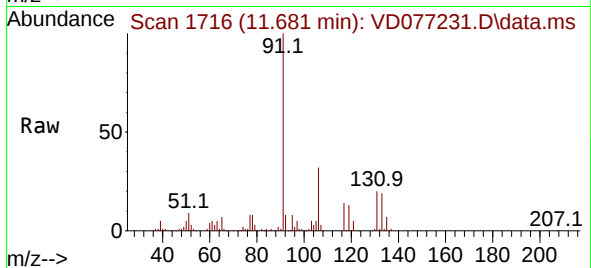
106 31.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#68

m/p-Xylenes

Concen: 41.705 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077231.D

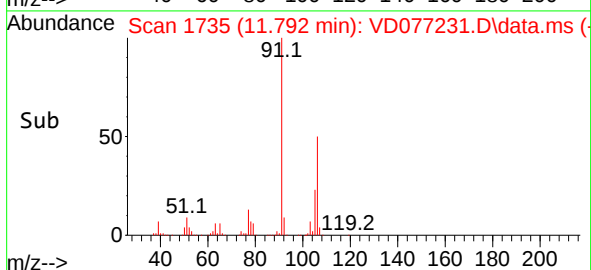
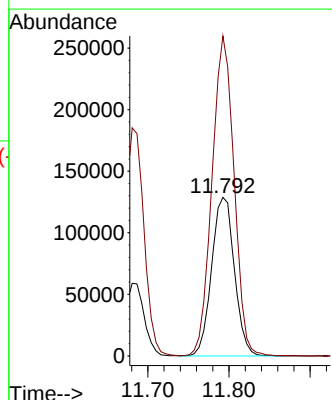
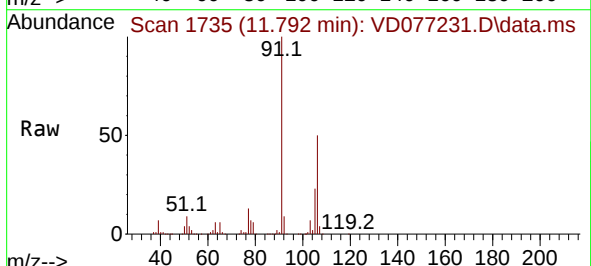
Acq: 28 Sep 2023 14:30

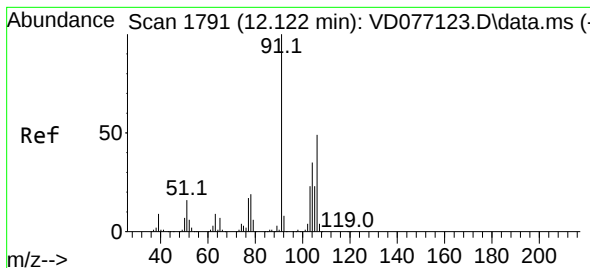
Tgt Ion:106 Resp: 251050

Ion Ratio Lower Upper

106 100

91 194.9 147.0 220.6





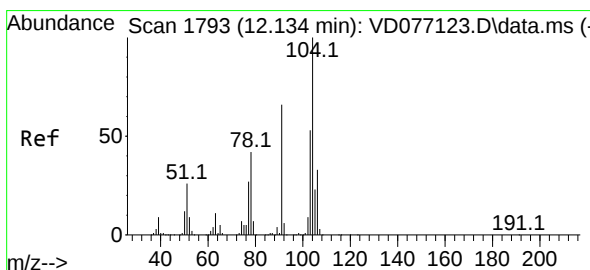
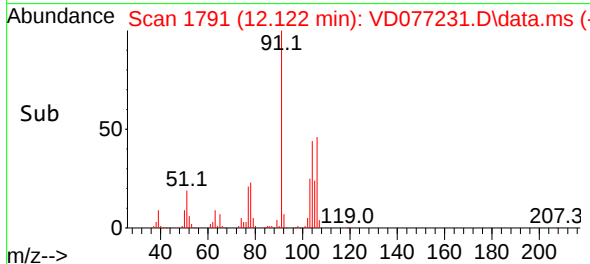
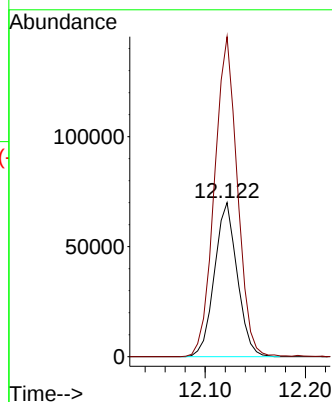
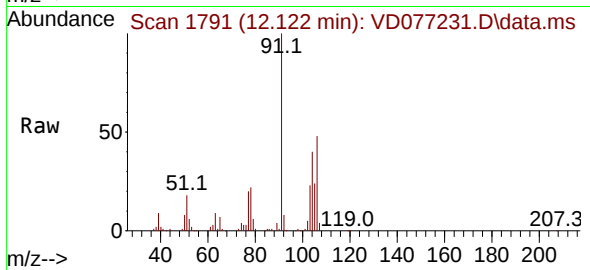
#69
o-Xylene
Concen: 19.999 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:106 Resp: 110498
Ion Ratio Lower Upper
106 100
91 209.3 97.9 293.6

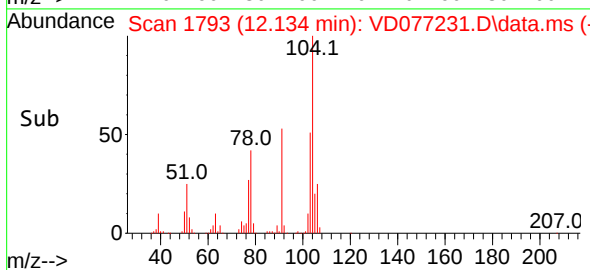
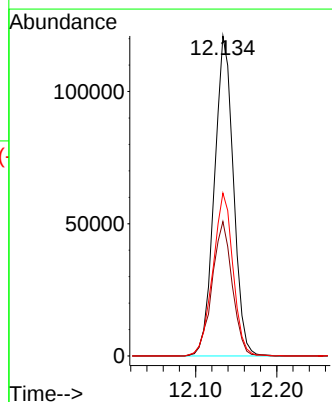
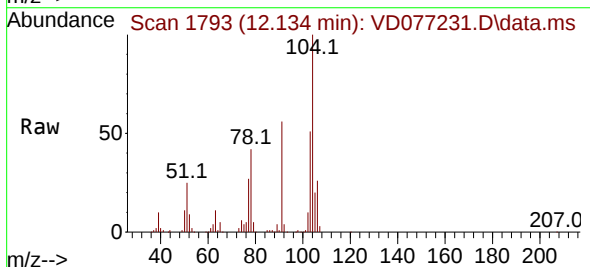
Manual Integrations
APPROVED

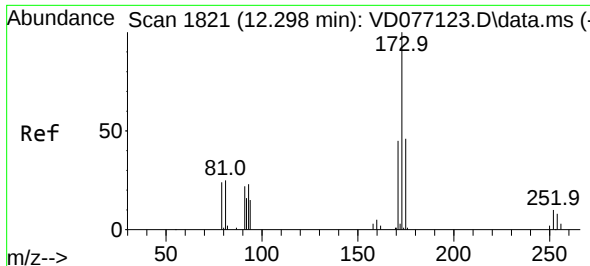
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#70
Styrene
Concen: 20.986 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

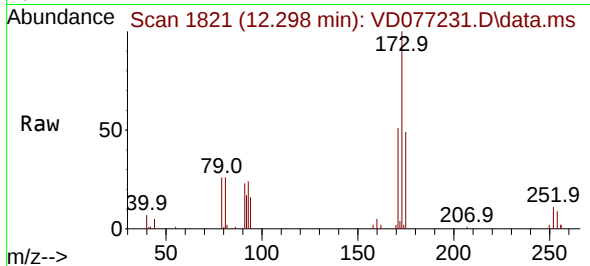
Tgt Ion:104 Resp: 197548
Ion Ratio Lower Upper
104 100
78 44.5 33.2 49.8
103 53.9 43.6 65.4





#71
Bromoform
Concen: 20.130 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

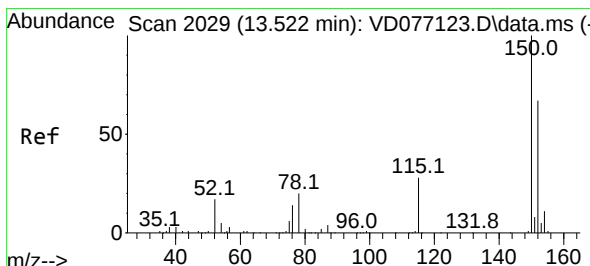
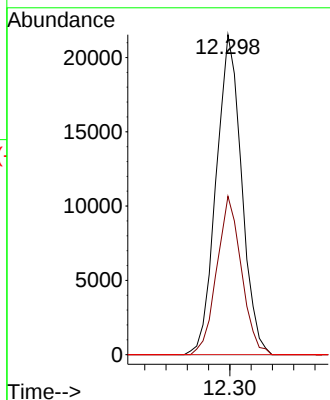
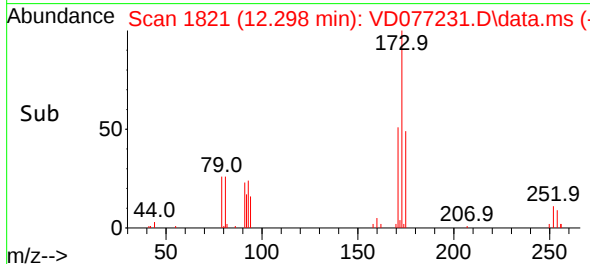
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion:173 Resp: 35700
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.0 0.0

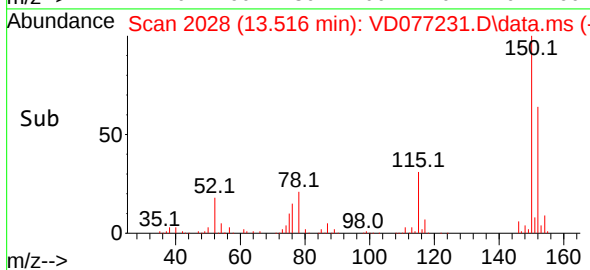
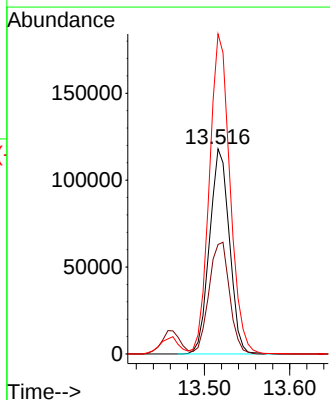
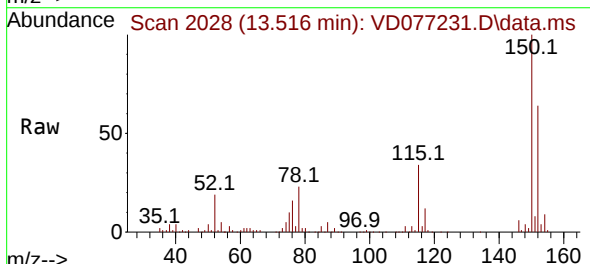
Manual Integrations
APPROVED

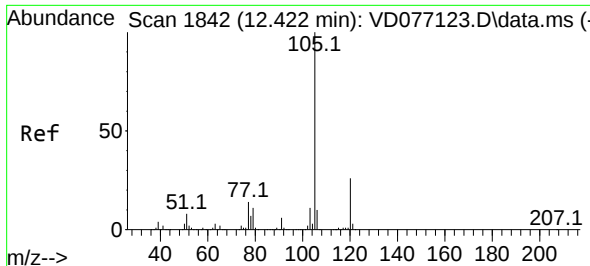
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

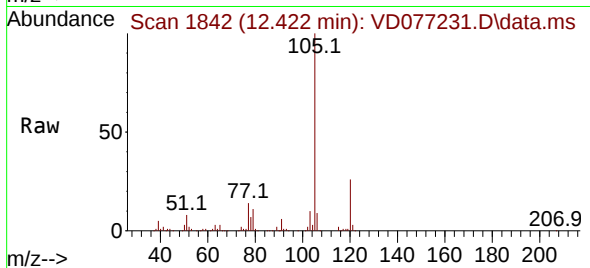
Tgt Ion:152 Resp: 191017
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 162.1 0.0 353.6





#73
Isopropylbenzene
Concen: 20.874 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

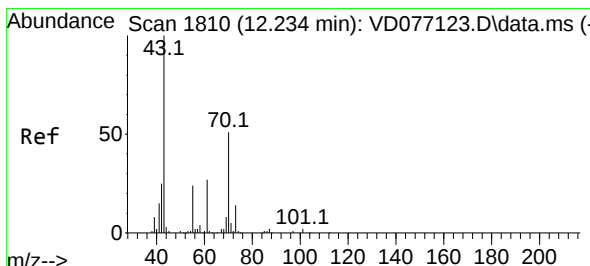
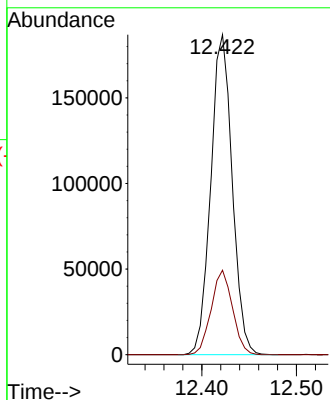
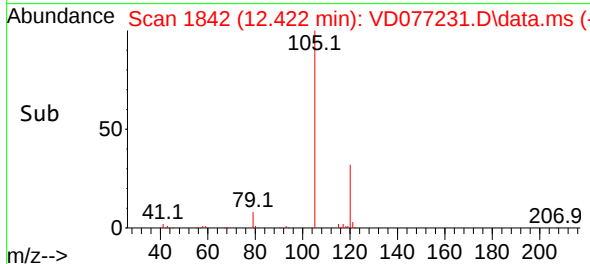
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01



Tgt Ion:105 Resp: 294620
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9

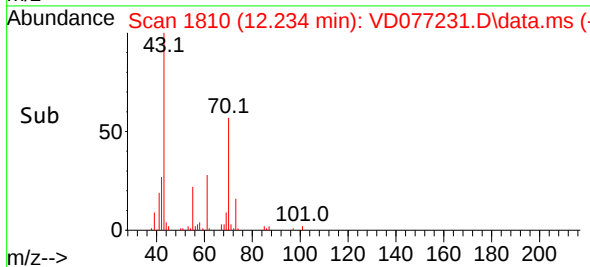
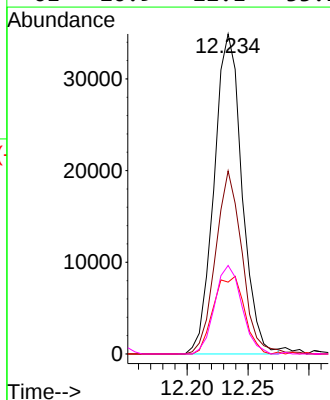
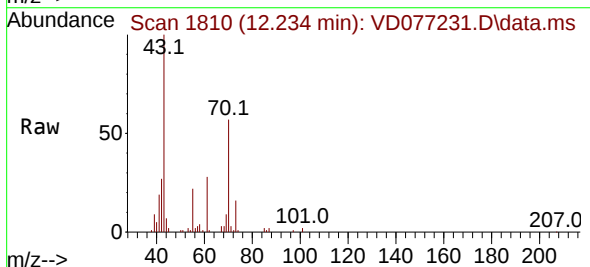
Manual Integrations
APPROVED

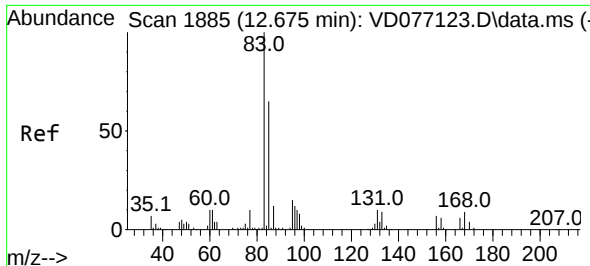
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#74
N-ethyl acetate
Concen: 20.981 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 43 Resp: 55628
Ion Ratio Lower Upper
43 100
70 54.8 45.0 67.4
55 26.7 23.8 35.6
61 26.9 22.1 33.1





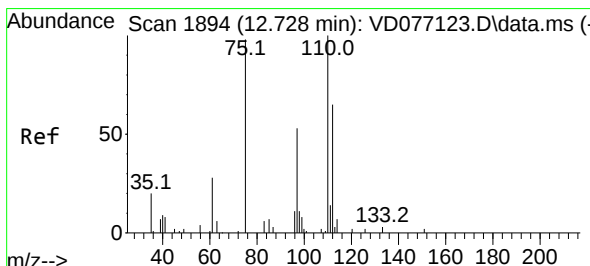
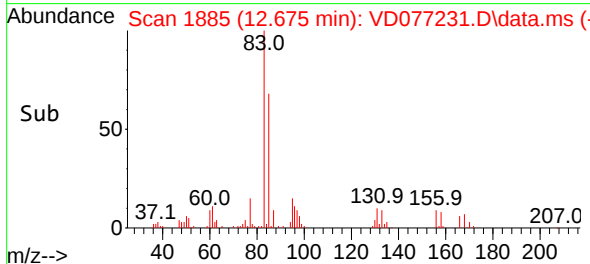
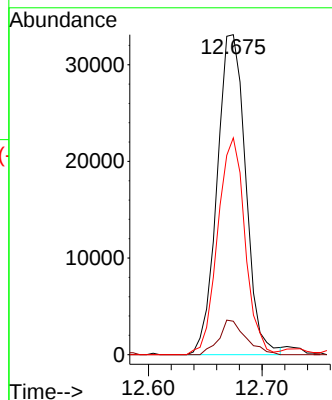
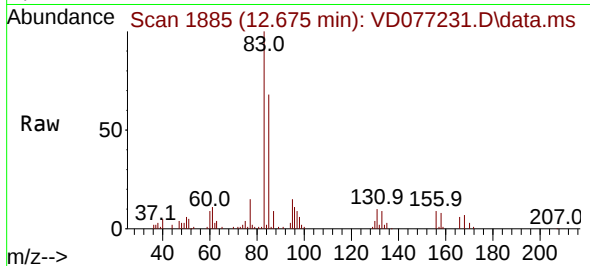
#75
1,1,2,2-Tetrachloroethane
Concen: 21.737 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 83 Resp: 5789
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.8 32.6 97.8

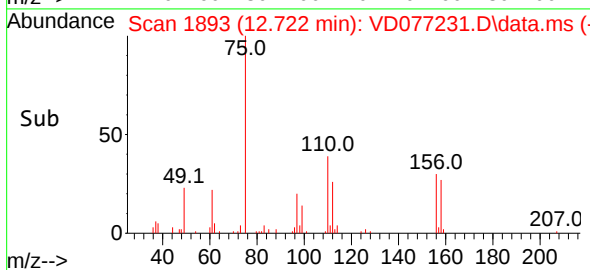
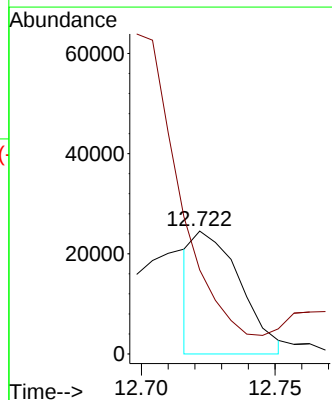
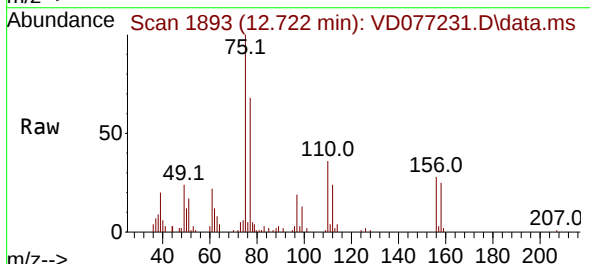
Manual Integrations
APPROVED

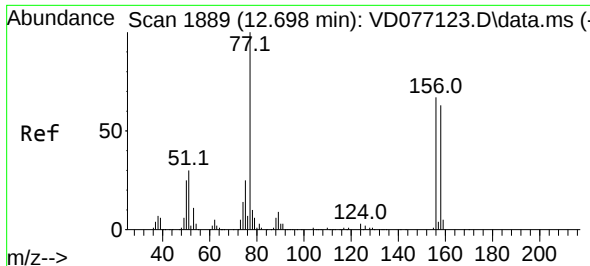
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#76
1,2,3-Trichloropropane
Concen: 19.678 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 75 Resp: 29983
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





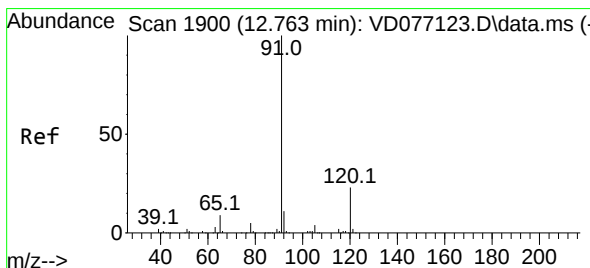
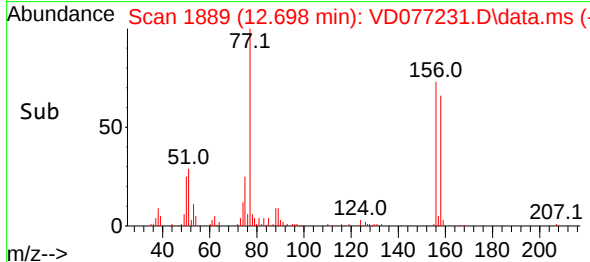
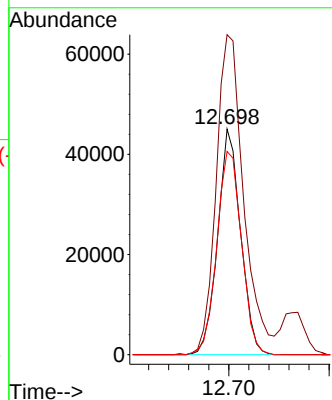
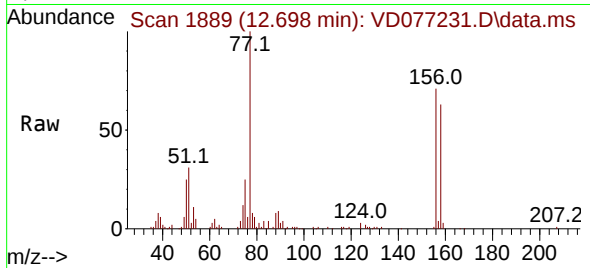
#77
Bromobenzene
Concen: 20.264 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:156 Resp: 71210
Ion Ratio Lower Upper
156 100
77 171.1 76.8 230.4
158 97.5 48.6 145.9

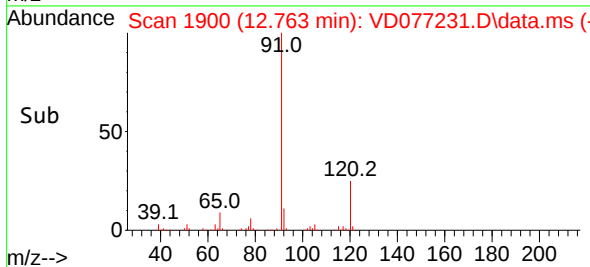
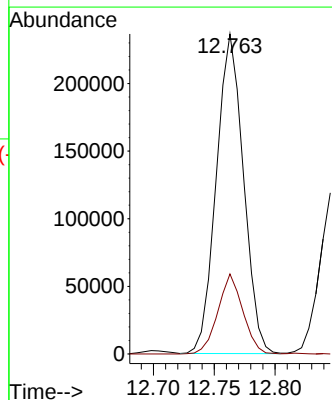
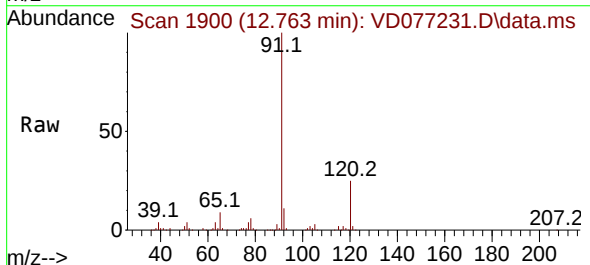
Manual Integrations
APPROVED

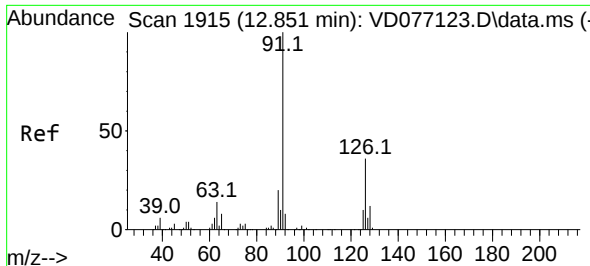
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#78
n-propylbenzene
Concen: 21.241 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 91 Resp: 366449
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





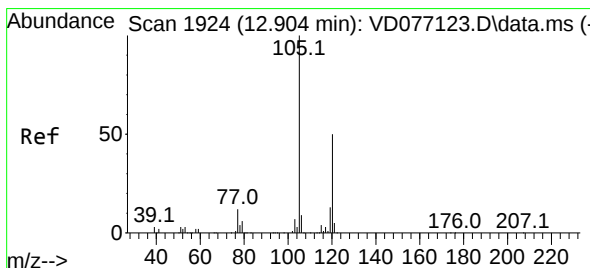
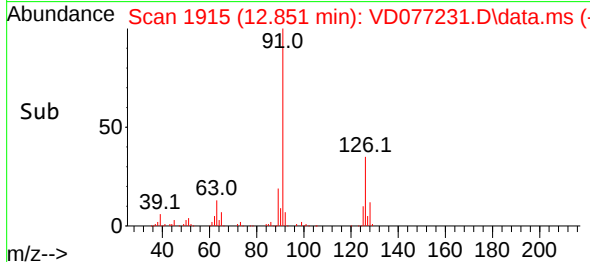
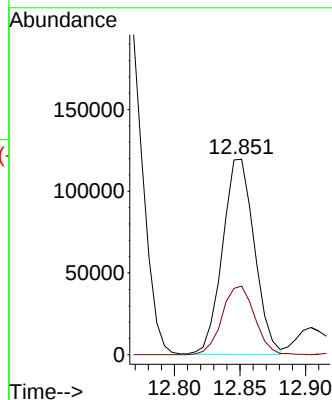
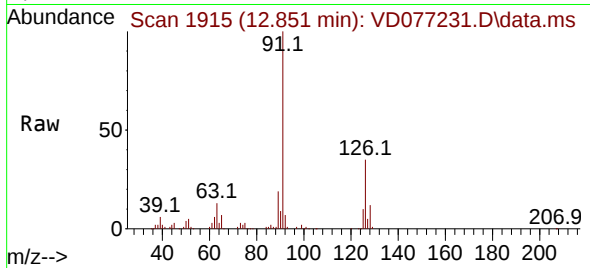
#79
2-Chlorotoluene
Concen: 21.234 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 91 Resp: 20201
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1

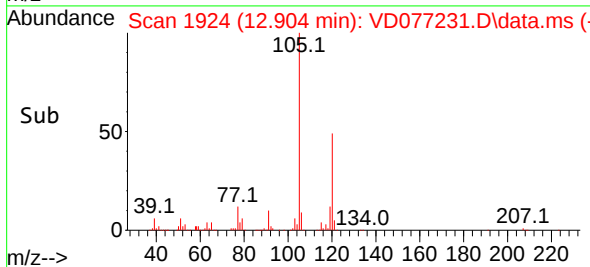
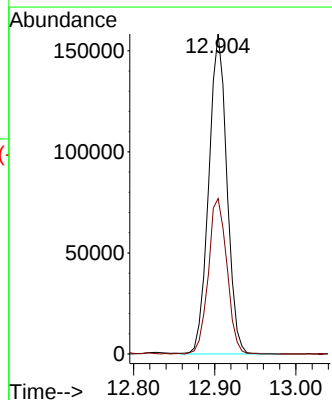
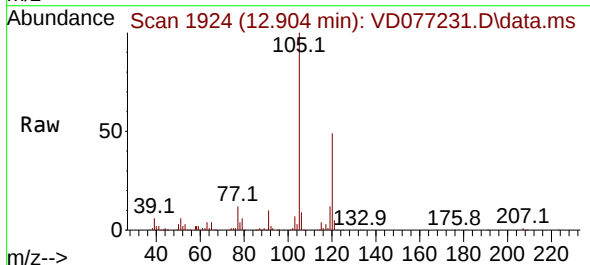
Manual Integrations
APPROVED

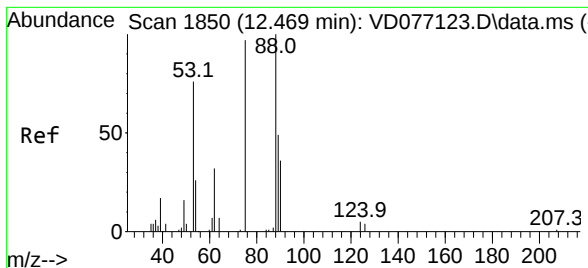
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.847 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:105 Resp: 245740
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2





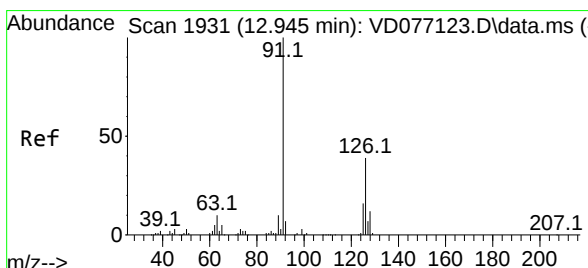
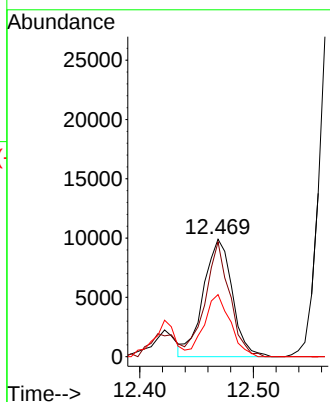
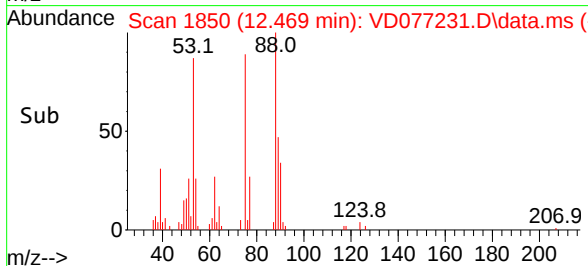
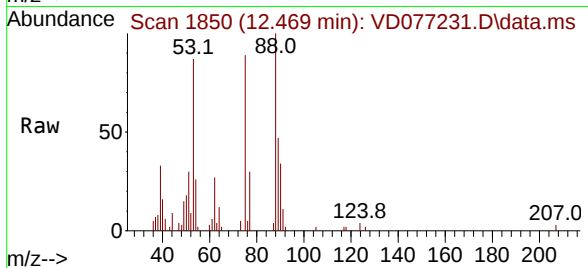
#81
trans-1,4-Dichloro-2-butene
Concen: 21.785 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 75 Resp: 1753
Ion Ratio Lower Upper
75 100
53 81.8 63.0 94.4
89 48.0 37.9 56.9

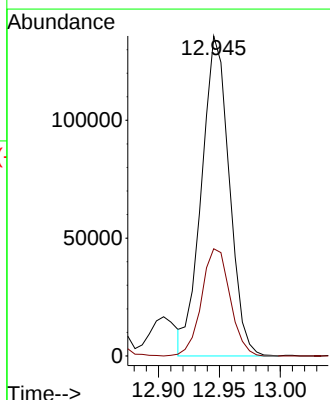
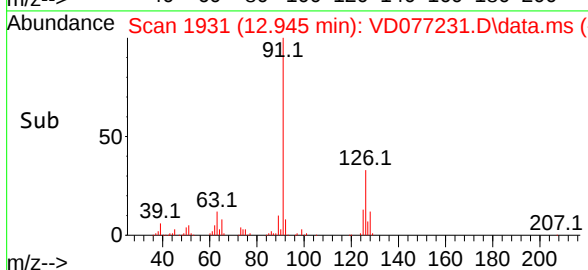
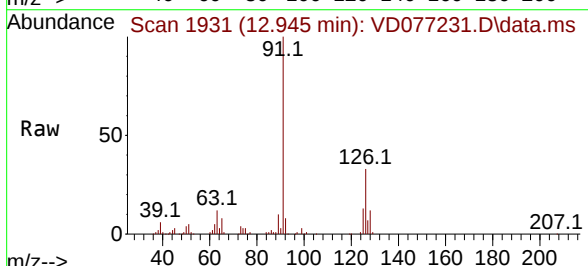
Manual Integrations
APPROVED

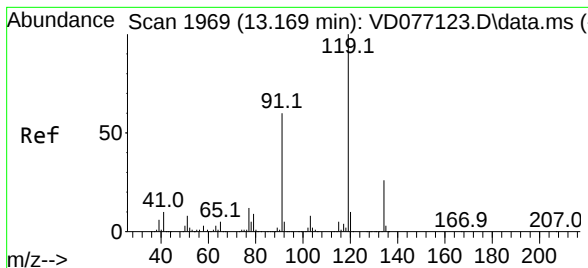
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#82
4-Chlorotoluene
Concen: 21.520 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 91 Resp: 215174
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.4





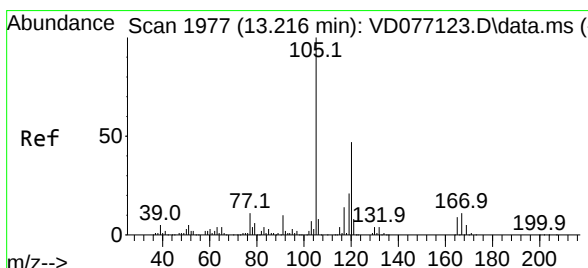
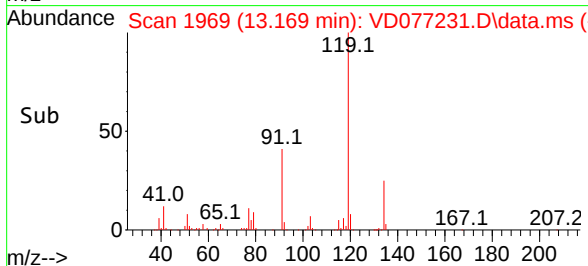
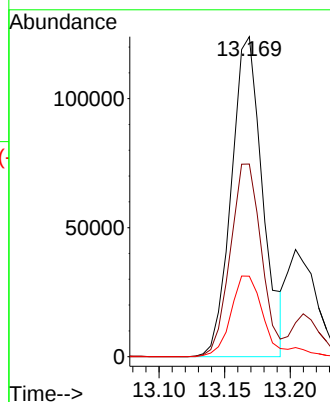
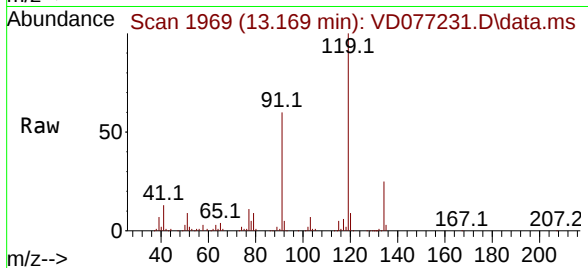
#83
tert-Butylbenzene
Concen: 20.391 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:119 Resp: 205349
Ion Ratio Lower Upper
119 100
91 60.1 29.3 87.8
134 27.3 14.1 42.3

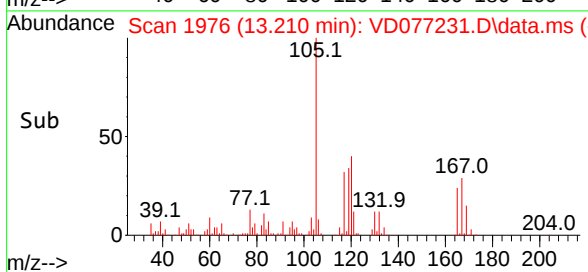
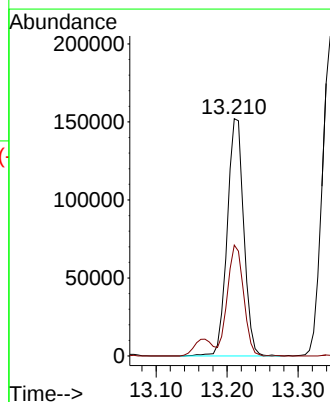
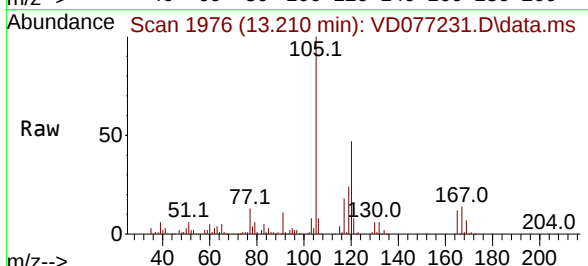
Manual Integrations
APPROVED

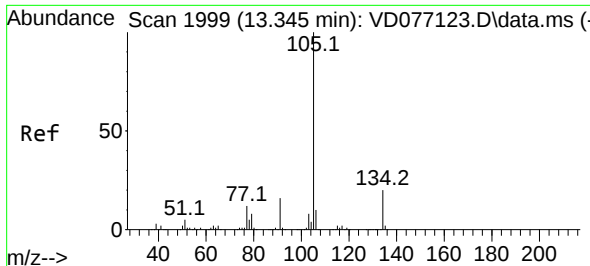
Reviewed By :John Carbone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.529 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

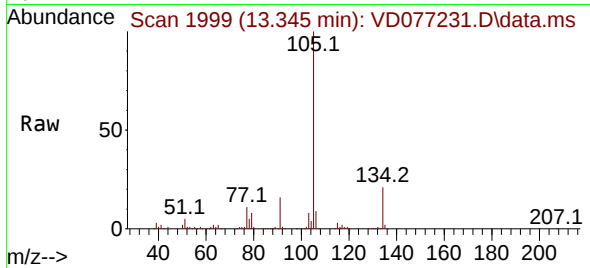
Tgt Ion:105 Resp: 245371
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 21.190 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

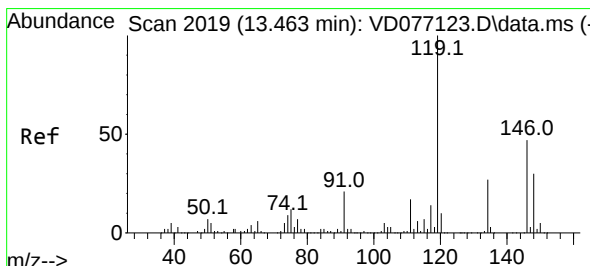
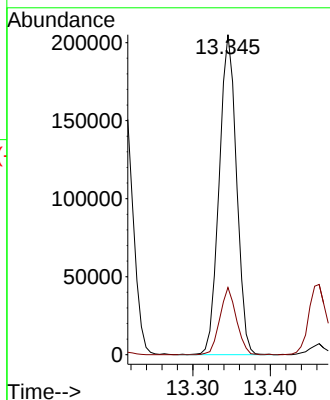
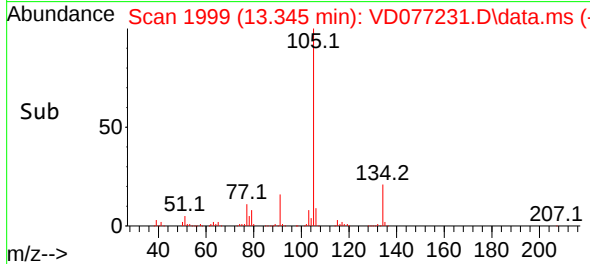
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01



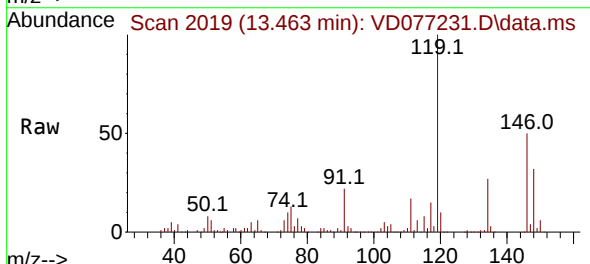
Tgt Ion:105 Resp: 32022
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

Manual Integrations
 APPROVED

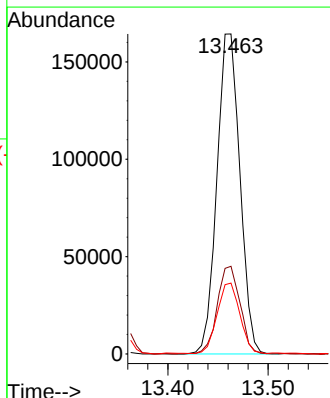
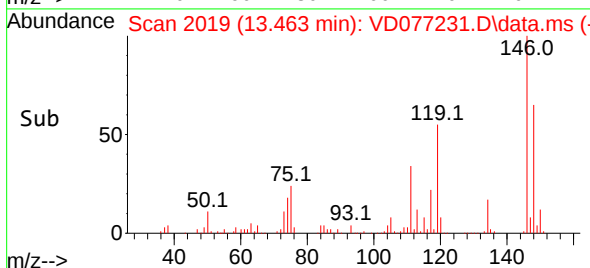
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023

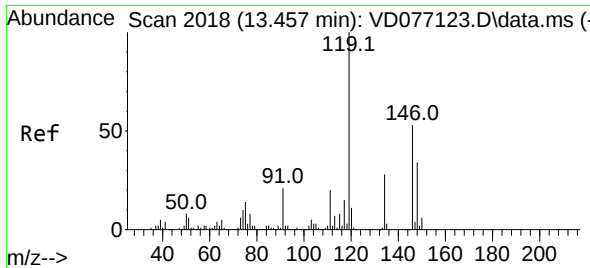


#86
 p-Isopropyltoluene
 Concen: 20.405 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30



Tgt Ion:119 Resp: 261591
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 21.7 10.5 31.5





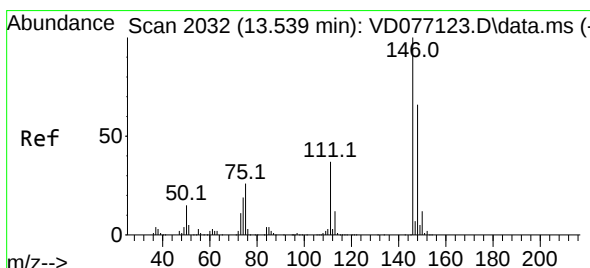
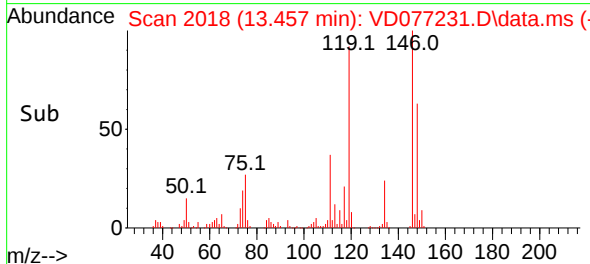
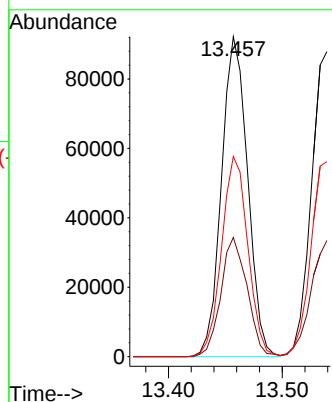
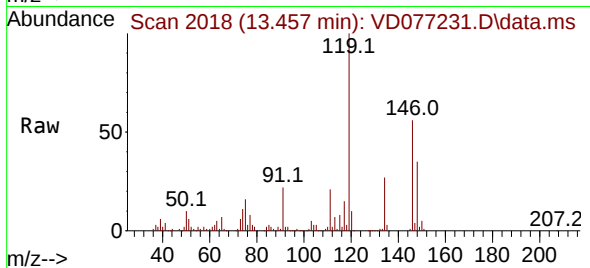
#87
1,3-Dichlorobenzene
Concen: 20.357 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:146 Resp: 14713
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.1 32.3 96.8

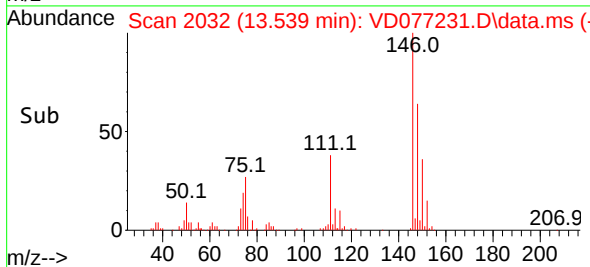
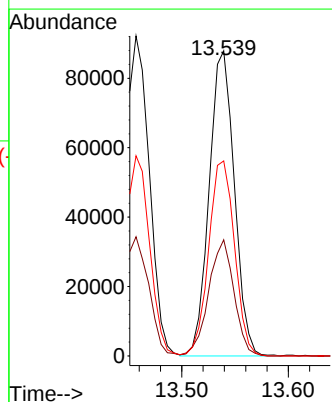
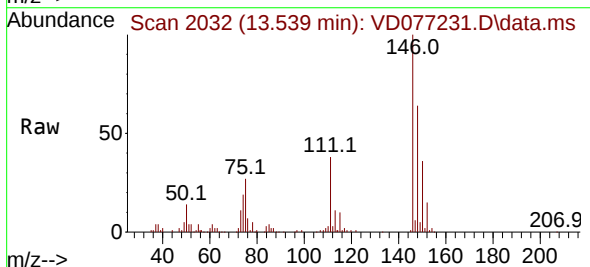
Manual Integrations
APPROVED

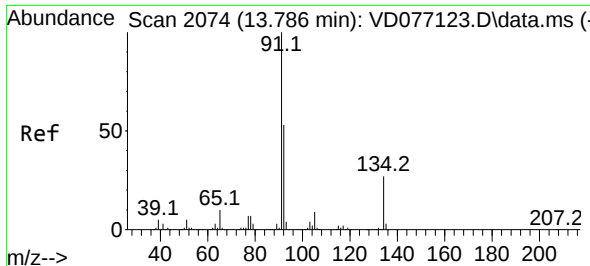
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#88
1,4-Dichlorobenzene
Concen: 20.284 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:146 Resp: 144248
Ion Ratio Lower Upper
146 100
111 38.3 17.4 52.3
148 65.7 31.7 95.1





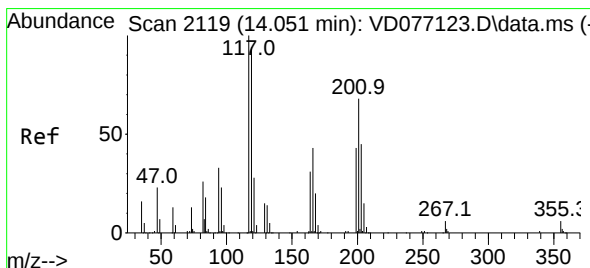
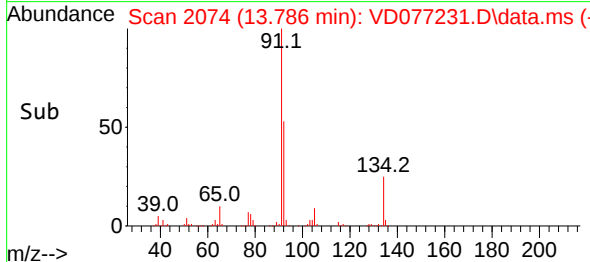
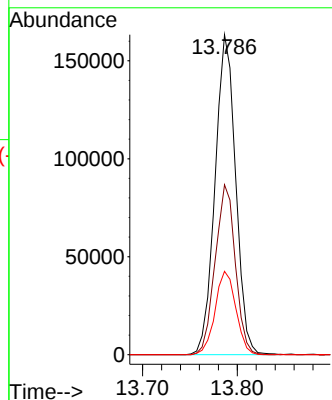
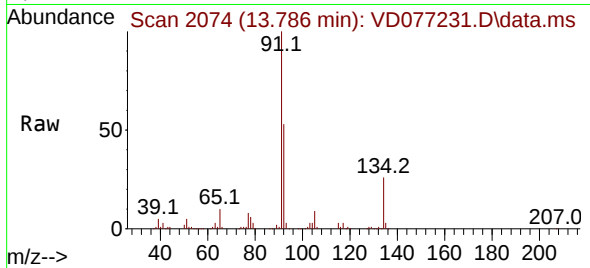
#89
n-Butylbenzene
Concen: 20.913 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion: 91 Resp: 24732
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 26.2 13.8 41.3

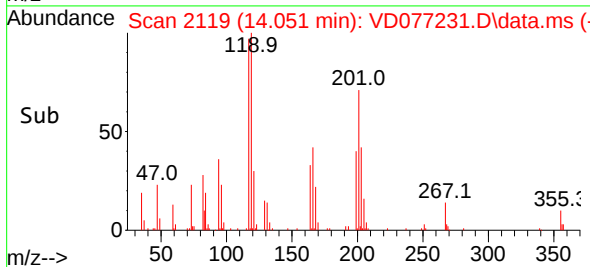
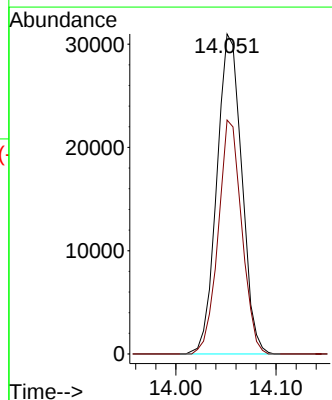
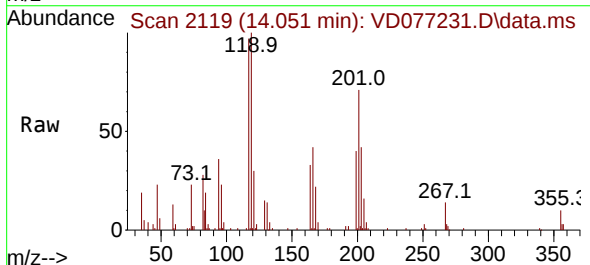
Manual Integrations
APPROVED

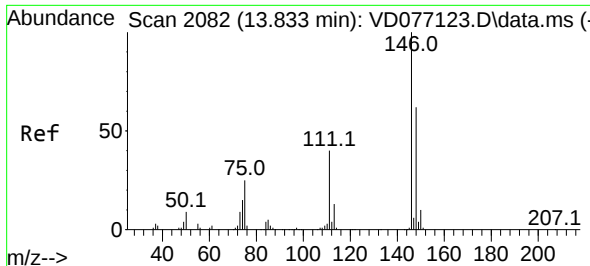
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#90
Hexachloroethane
Concen: 21.028 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:117 Resp: 53462
Ion Ratio Lower Upper
117 100
201 68.9 38.5 115.5





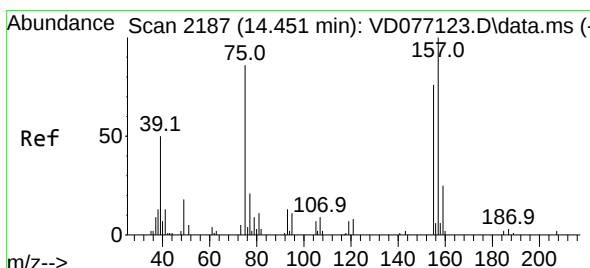
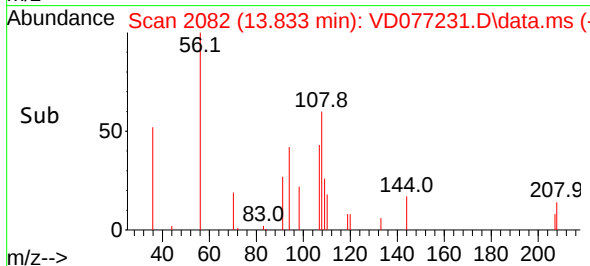
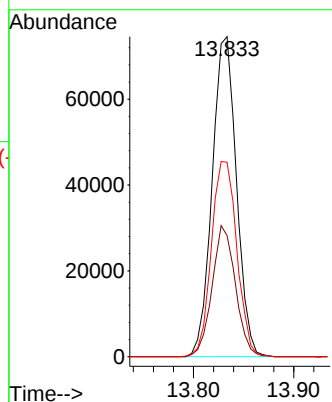
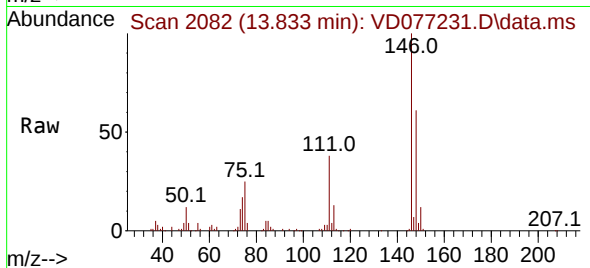
#91
1,2-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBS01

Tgt Ion:146 Resp: 12540
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 63.9 31.6 94.7

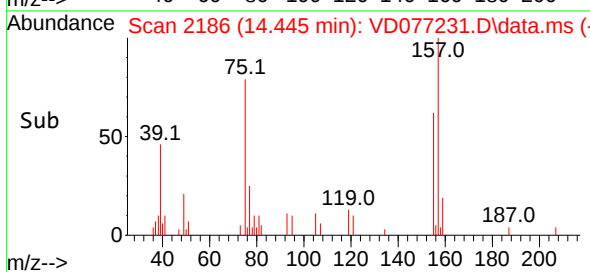
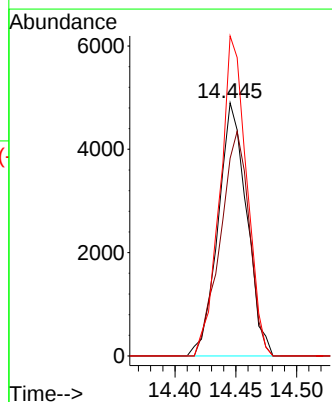
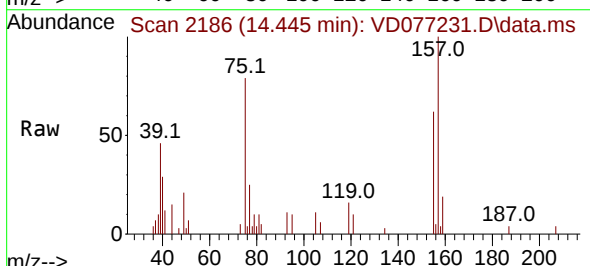
Manual Integrations
APPROVED

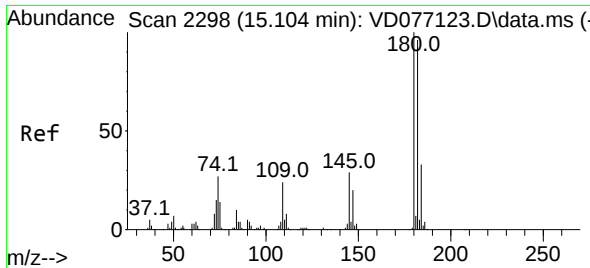
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.482 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

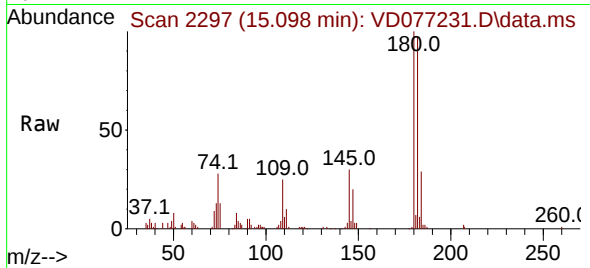
Tgt Ion: 75 Resp: 7996
Ion Ratio Lower Upper
75 100
155 89.8 47.9 143.8
157 117.8 59.9 179.7





#93
 1,2,4-Trichlorobenzene
 Concen: 19.786 ug/l
 RT: 15.098 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

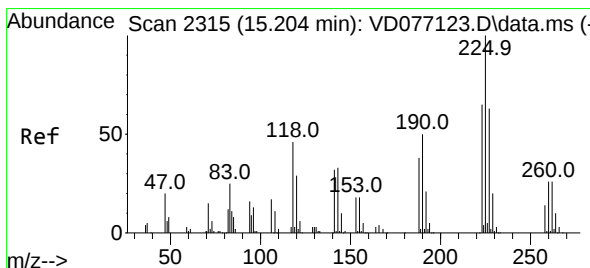
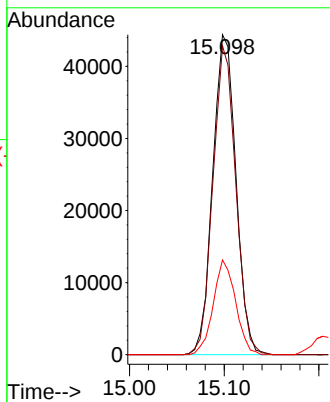
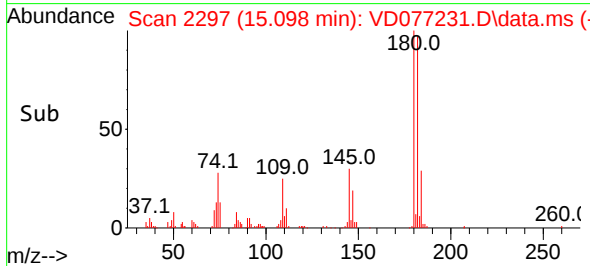
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01



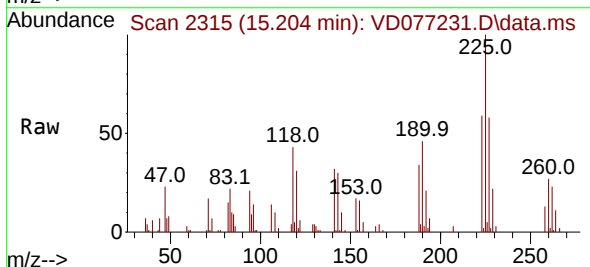
Tgt Ion:180 Resp: 7564
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.5 145.6
 145 28.5 14.2 42.6

Manual Integrations
 APPROVED

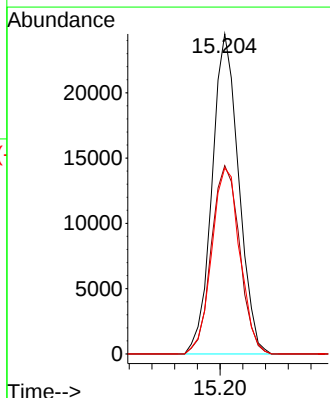
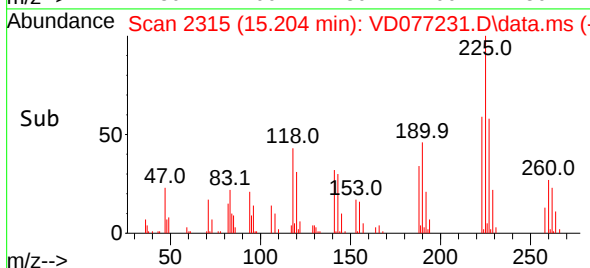
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023

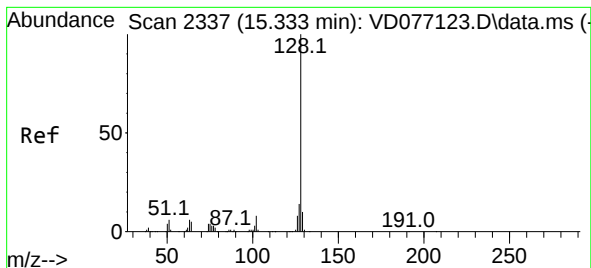


#94
 Hexachlorobutadiene
 Concen: 19.694 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30



Tgt Ion:225 Resp: 39901
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.8
 227 61.5 31.7 95.1





#95

Naphthalene

Concen: 19.517 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBS01

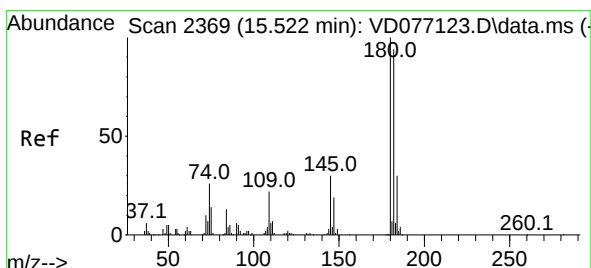
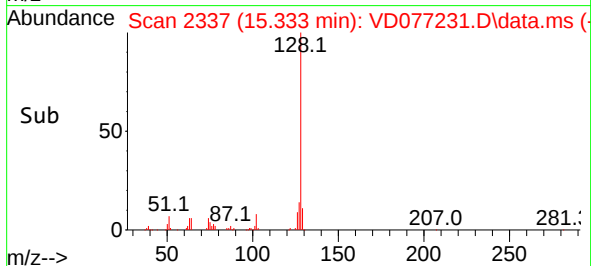
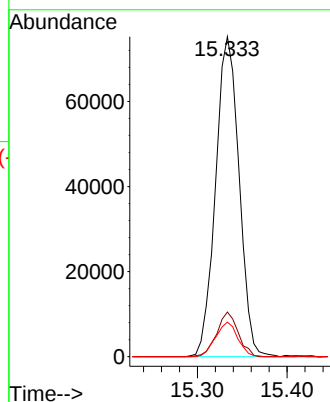
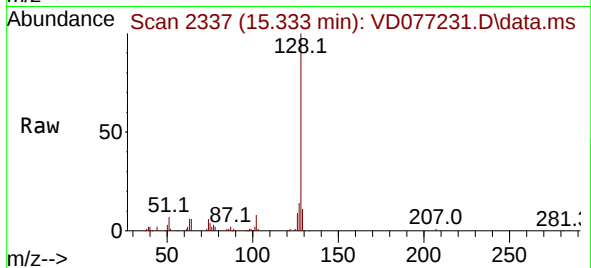
Tgt Ion:128 Resp: 136830
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.5 15.7
 129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.836 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:180 Resp: 67409
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.9
 145 31.6 15.1 45.3

