

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036148.D
 Acq On : 13 Jun 2023 16:49
 Operator : JC/MD
 Sample : 03173-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MSD

Quant Time: Jun 14 00:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	195254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	345566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172259	54.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.660%			
35) Dibromofluoromethane	5.385	113	118623	51.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	8.647	98	417374	50.035	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.079	95	165786	50.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96022	45.011	ug/l	100
3) Chloromethane	1.294	50	99967	40.997	ug/l	98
4) Vinyl Chloride	1.374	62	102591	44.790	ug/l	99
5) Bromomethane	1.617	94	62084	41.154	ug/l	97
6) Chloroethane	1.691	64	65842	48.820	ug/l	98
7) Trichlorofluoromethane	1.886	101	169235	52.508	ug/l	95
8) Diethyl Ether	2.136	74	66524	47.526	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	97747	48.865	ug/l	100
10) Methyl Iodide	2.453	142	105358	44.744	ug/l	98
11) Tert butyl alcohol	3.007	59	134907	239.587	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	161248	82.318	ug/l	98
13) Acrolein	2.239	56	107326	197.877	ug/l	100
14) Allyl chloride	2.666	41	193600	48.079	ug/l	98
15) Acrylonitrile	3.068	53	340283	257.211	ug/l	99
16) Acetone	2.398	43	305348	233.434	ug/l	98
17) Carbon Disulfide	2.514	76	199212	40.586	ug/l	100
18) Methyl Acetate	2.709	43	262198	51.560	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	400566	52.203	ug/l	100
20) Methylene Chloride	2.788	84	115546	45.857	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	119729	53.469	ug/l	97
22) Diisopropyl ether	3.757	45	410154	52.367	ug/l	95
23) Vinyl Acetate	3.721	43	1417784	257.647	ug/l	100
24) 1,1-Dichloroethane	3.611	63	233968	53.859	ug/l	99
25) 2-Butanone	4.568	43	481446	257.154	ug/l	99
26) 2,2-Dichloropropane	4.477	77	163617	49.413	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	234527	87.266	ug/l	95
28) Bromochloromethane	4.897	49	119358	52.468	ug/l	99
29) Tetrahydrofuran	5.013	42	313062	259.485	ug/l	100
30) Chloroform	5.099	83	231218	51.675	ug/l	98
31) Cyclohexane	5.470	56	162133	48.839	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	197921	52.345	ug/l	100
36) 1,1-Dichloropropene	5.690	75	154584	49.882	ug/l	99
37) Ethyl Acetate	4.714	43	183475	53.161	ug/l	99
38) Carbon Tetrachloride	5.678	117	165033	54.646	ug/l	97
39) Methylcyclohexane	7.379	83	156568	48.422	ug/l	98
40) Benzene	6.037	78	458735	49.321	ug/l	99

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Manual Integrations
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Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114252	58.354	ug/l	98
42) 1,2-Dichloroethane	6.086	62	213325	57.917	ug/l	100
43) Isopropyl Acetate	6.342	43	312988	55.153	ug/l	99
44) Trichloroethene	7.123	130	182429	75.609	ug/l	99
45) 1,2-Dichloropropane	7.427	63	123959	50.636	ug/l	99
46) Dibromomethane	7.580	93	88432	52.002	ug/l	99
47) Bromodichloromethane	7.824	83	177281	55.421	ug/l	99
48) Methyl methacrylate	7.690	41	159178	57.197	ug/l	99
49) 1,4-Dioxane	7.714	88	54568	856.133	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	989360	285.610	ug/l	100
52) Toluene	8.720	92	288519	49.340	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	186669	55.204	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	193167	51.731	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	125018	51.315	ug/l	99
56) Ethyl methacrylate	9.116	69	198253	54.430	ug/l	99
57) 1,3-Dichloropropane	9.305	76	217683	51.919	ug/l	100
59) 2-Hexanone	9.433	43	743342	290.256	ug/l	98
60) Dibromochloromethane	9.518	129	124894	52.808	ug/l	99
61) 1,2-Dibromoethane	9.610	107	128763	51.699	ug/l	99
64) Tetrachloroethene	9.275	164	86038	44.077	ug/l	99
65) Chlorobenzene	10.079	112	308036	49.147	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	118438	53.728	ug/l	97
67) Ethyl Benzene	10.195	91	560981	50.290	ug/l	99
68) m/p-Xylenes	10.299	106	414226	97.882	ug/l	100
69) o-Xylene	10.640	106	207720	48.846	ug/l	100
70) Styrene	10.652	104	350527	51.013	ug/l	99
71) Bromoform	10.799	173	79282	51.930	ug/l #	100
73) Isopropylbenzene	10.963	105	543603	51.865	ug/l	99
74) N-amyl acetate	10.841	43	254589	55.728	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	191316	53.361	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165357m	50.831	ug/l	
77) Bromobenzene	11.195	156	122907	47.419	ug/l	96
78) n-propylbenzene	11.305	91	622944	52.659	ug/l	100
79) 2-Chlorotoluene	11.366	91	393104	51.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	459634	52.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53200	55.084	ug/l	98
82) 4-Chlorotoluene	11.451	91	450801	50.981	ug/l	100
83) tert-Butylbenzene	11.713	119	441201	52.260	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	455081	50.180	ug/l	100
85) sec-Butylbenzene	11.890	105	523849	52.313	ug/l	100
86) p-Isopropyltoluene	12.006	119	442576	51.695	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	229237	48.281	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	232347	46.454	ug/l	99
89) n-Butylbenzene	12.329	91	375575	51.926	ug/l	100
90) Hexachloroethane	12.536	117	73668	54.263	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	229342	48.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44117	59.625	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	127895	46.498	ug/l	100
94) Hexachlorobutadiene	13.725	225	48307	46.169	ug/l	97
95) Naphthalene	13.774	128	496659	51.880	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129730	47.815	ug/l	98

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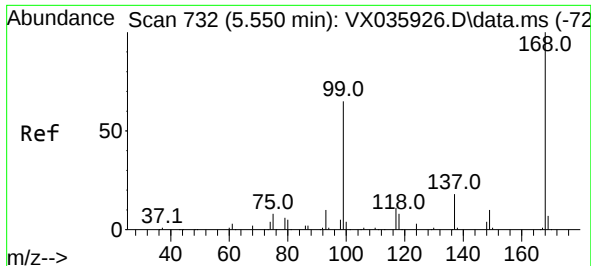
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 00:57:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

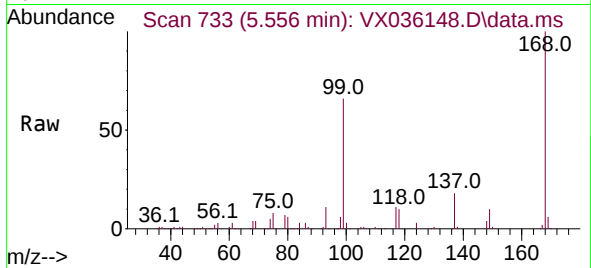
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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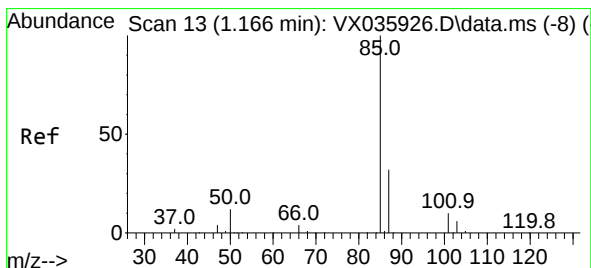
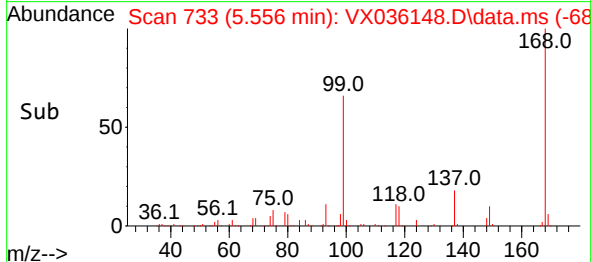
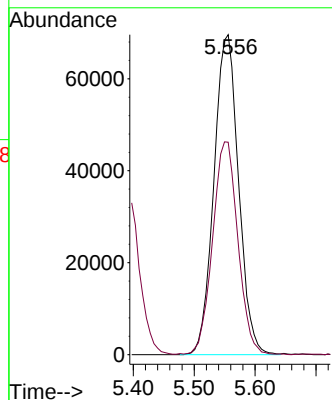
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion:168 Resp: 195254
Ion Ratio Lower Upper
168 100
99 66.2 57.0 85.6

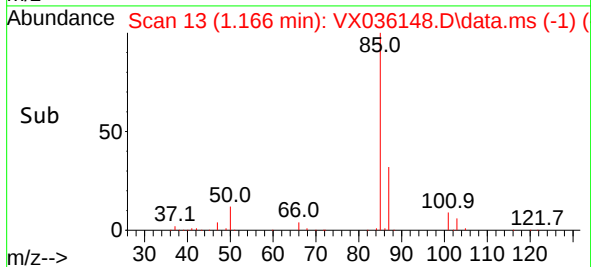
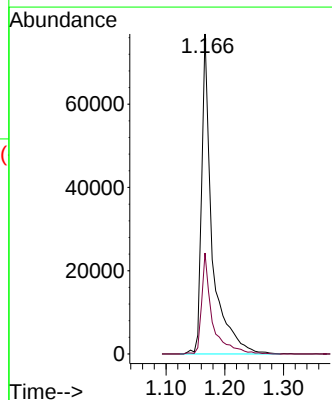
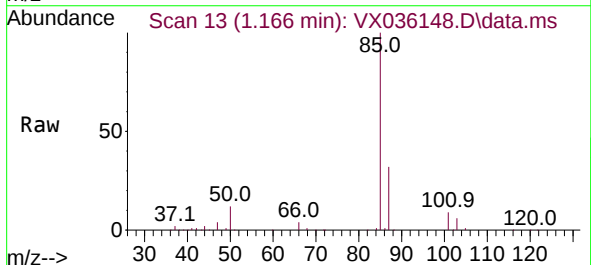
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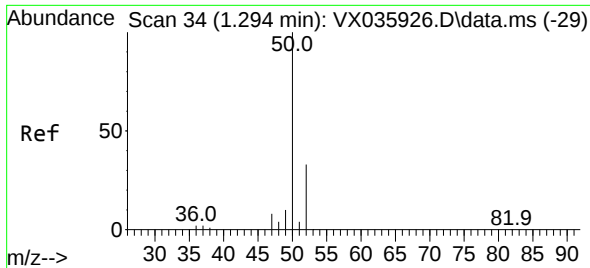
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#2
Dichlorodifluoromethane
Concen: 45.011 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

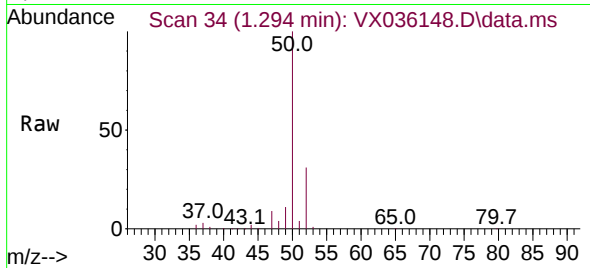
Tgt Ion: 85 Resp: 96022
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 40.997 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

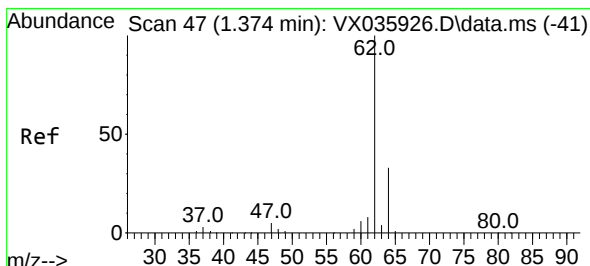
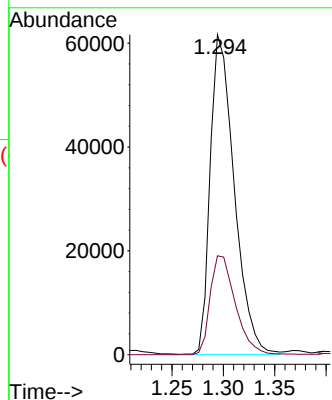
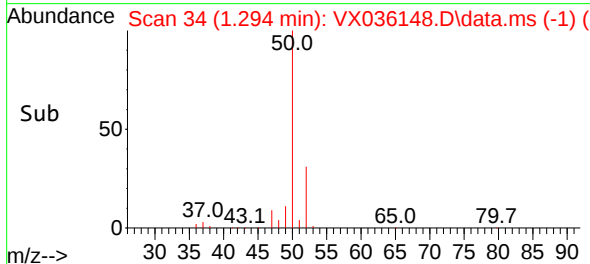
Instrument : MSVOA_X
ClientSampleId : OW-06B-74-79-061223MSD



Tgt Ion: 50 Resp: 9996
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2

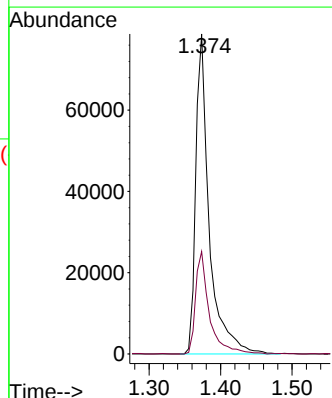
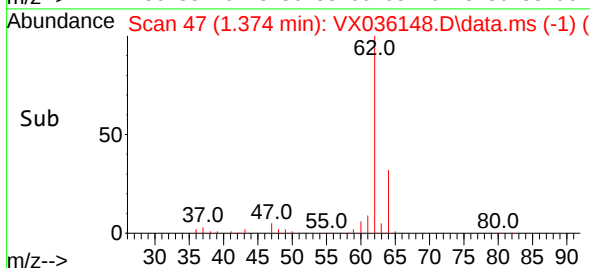
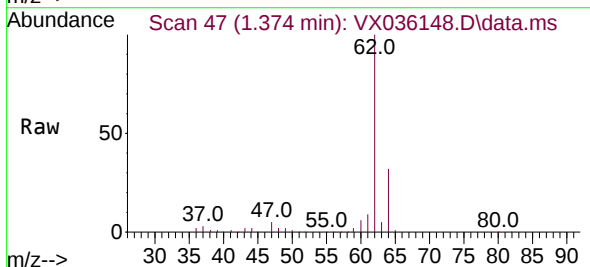
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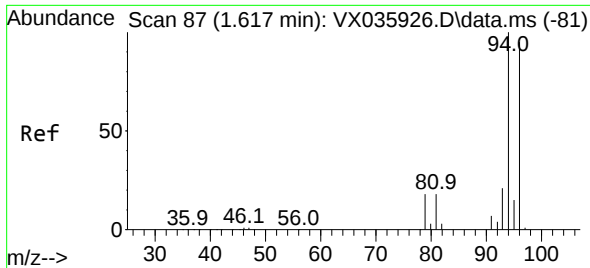
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#4
Vinyl Chloride
Concen: 44.790 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

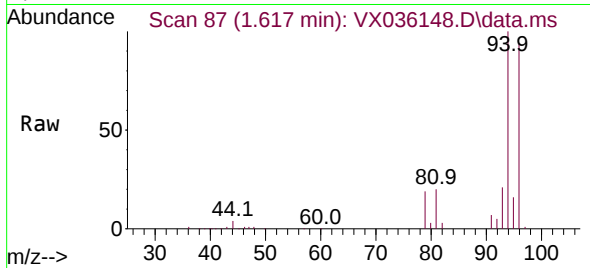
Tgt Ion: 62 Resp: 102591
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 41.154 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

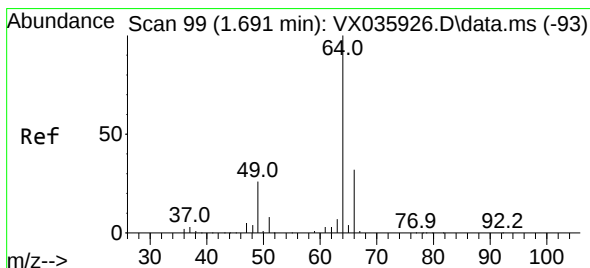
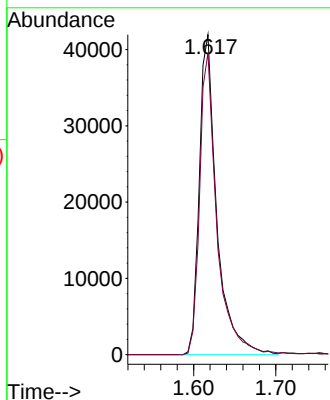
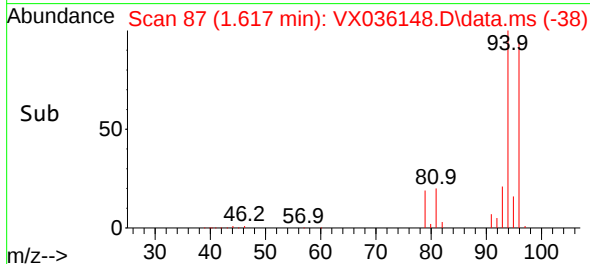
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Tgt Ion: 94 Resp: 62084
Ion Ratio Lower Upper
94 100
96 94.3 73.5 110.3

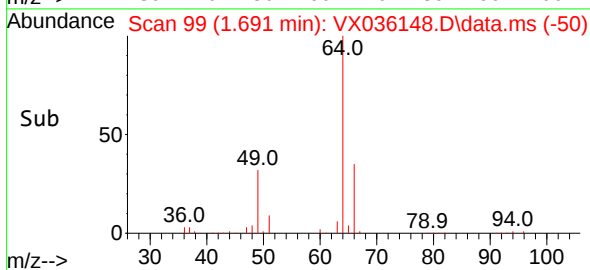
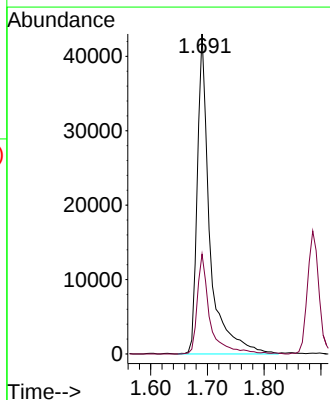
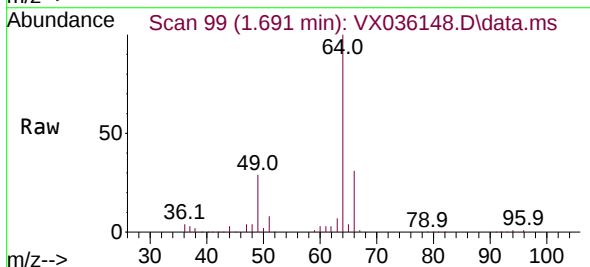
Manual Integrations
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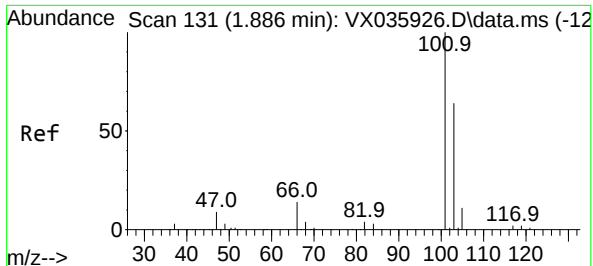
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#6
Chloroethane
Concen: 48.820 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

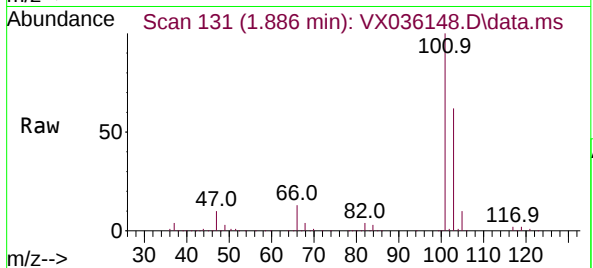
Tgt Ion: 64 Resp: 65842
Ion Ratio Lower Upper
64 100
66 31.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 52.508 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036148.D
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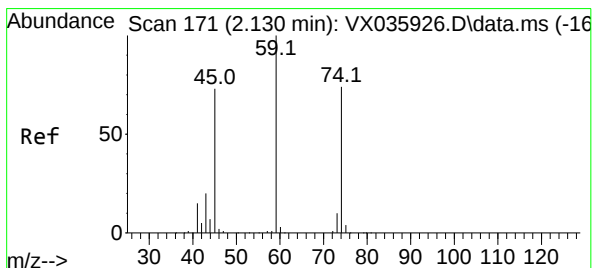
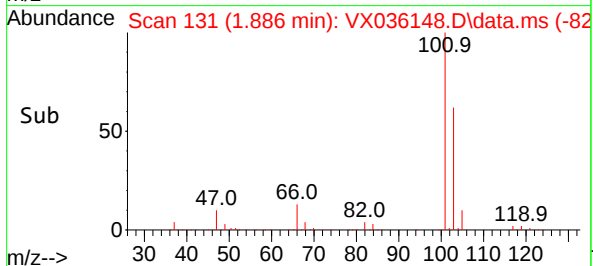
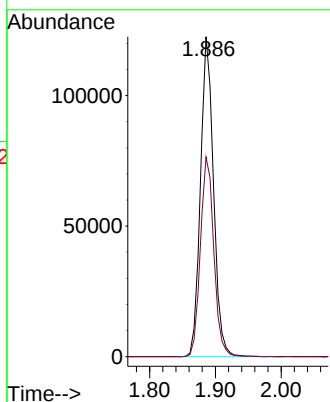
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Tgt Ion:101 Resp: 16923
Ion Ratio Lower Upper
101 100
103 62.4 53.2 79.8

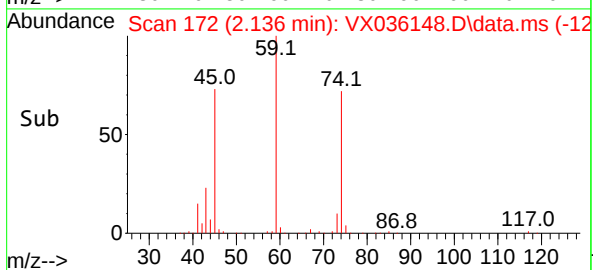
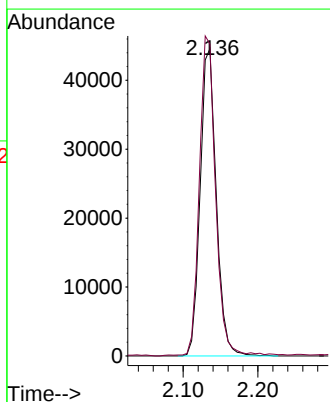
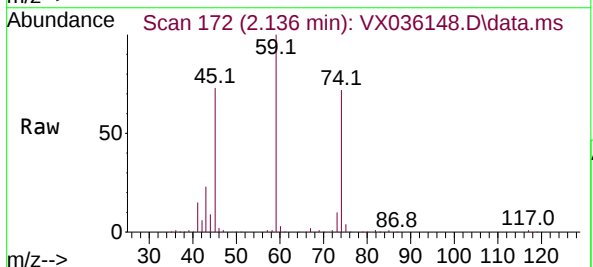
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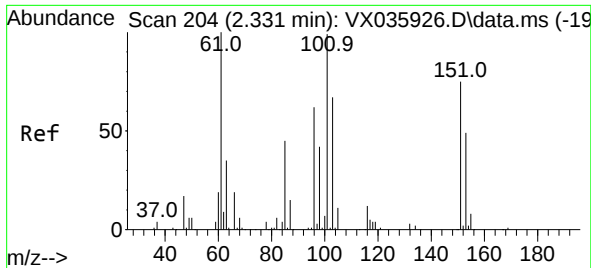
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#8
Diethyl Ether
Concen: 47.526 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 66524
Ion Ratio Lower Upper
74 100
45 105.9 50.6 151.9





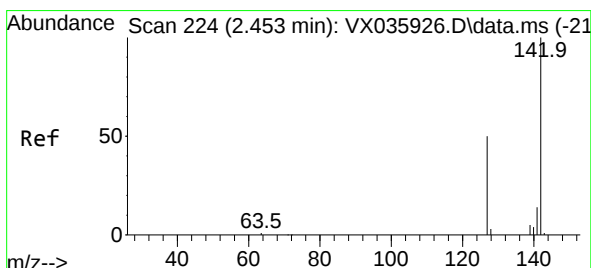
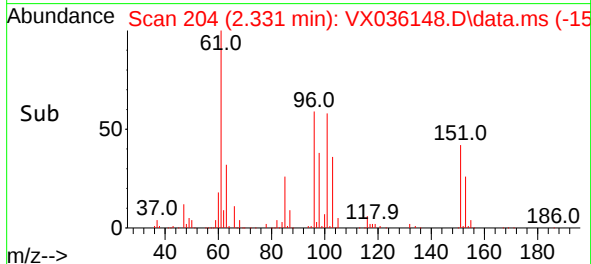
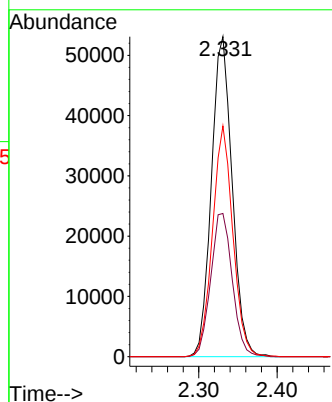
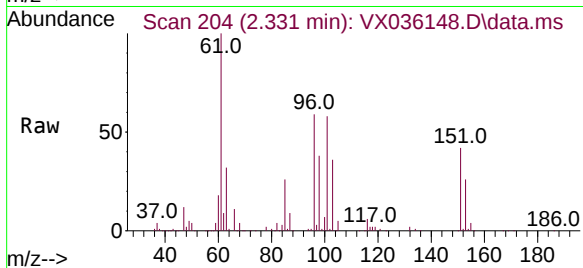
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.865 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion:101 Resp: 9774
Ion Ratio Lower Upper
101 100
85 46.5 37.3 55.9
151 71.0 57.0 85.6

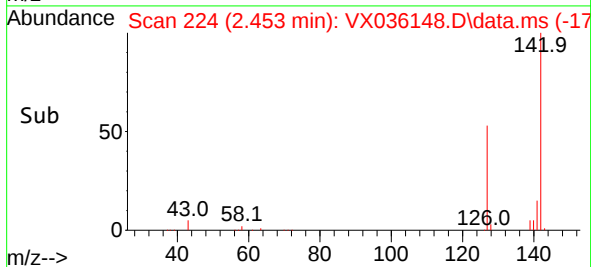
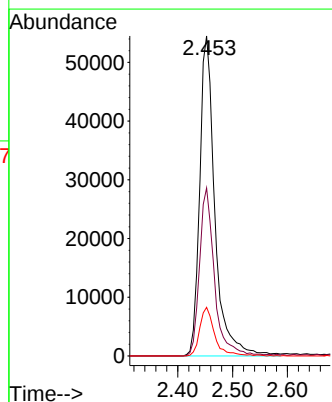
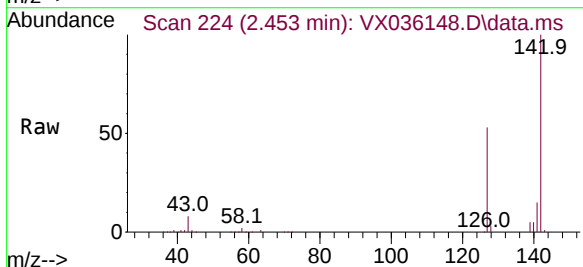
Manual Integrations
APPROVED

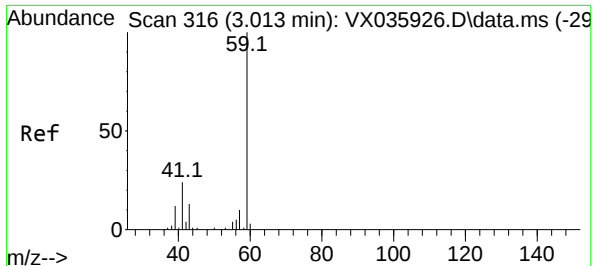
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#10
Methyl Iodide
Concen: 44.744 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:142 Resp: 105358
Ion Ratio Lower Upper
142 100
127 51.6 40.3 60.5
141 14.9 11.4 17.0





#11

Tert butyl alcohol

Concen: 239.587 ug/l

RT: 3.007 min Scan# 316

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 59 Resp: 13490

Ion Ratio Lower Upper

59 100

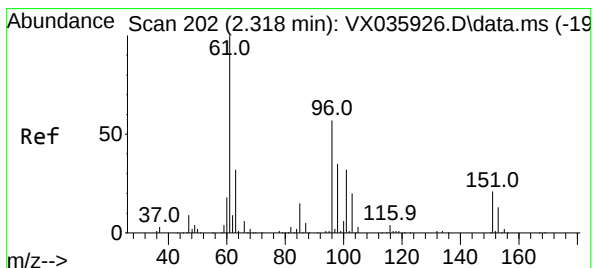
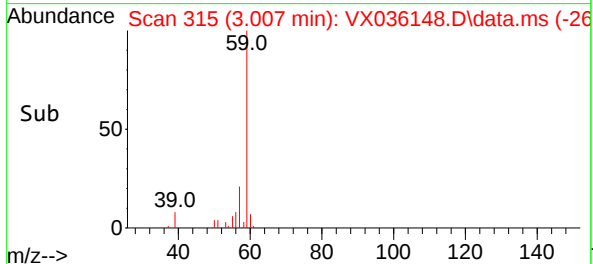
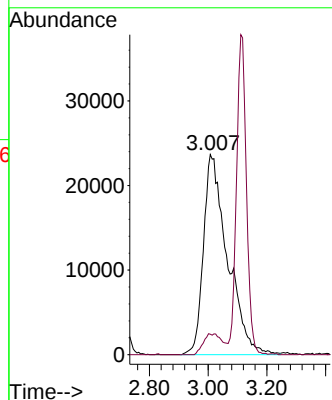
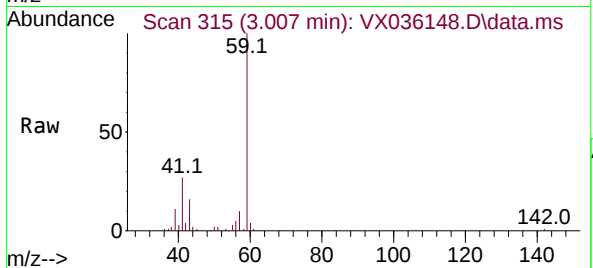
57 4.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#12

1,1-Dichloroethene

Concen: 82.318 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

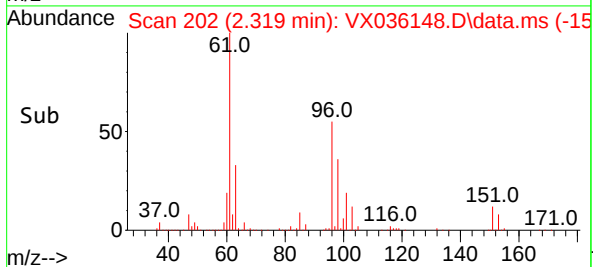
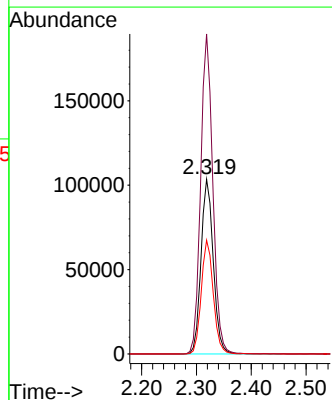
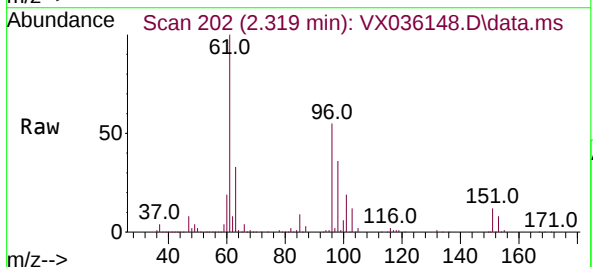
Tgt Ion: 96 Resp: 161248

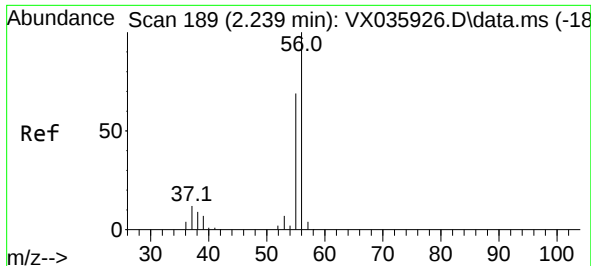
Ion Ratio Lower Upper

96 100

61 183.1 145.2 217.8

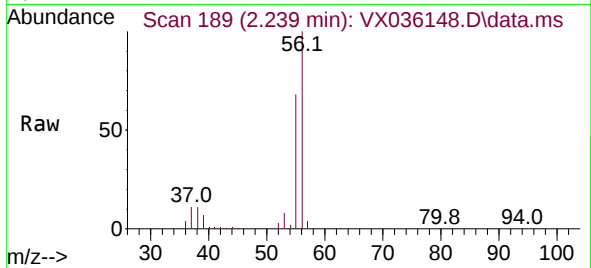
98 65.1 49.3 73.9





#13
Acrolein
Concen: 197.877 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

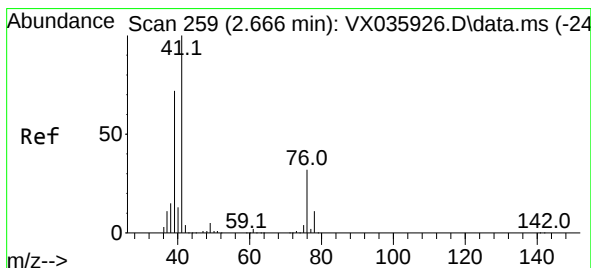
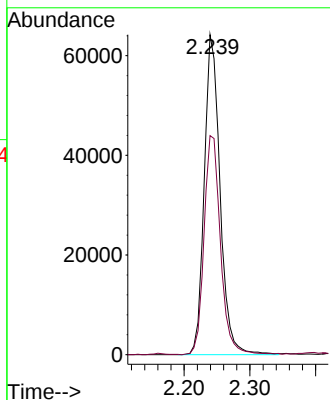
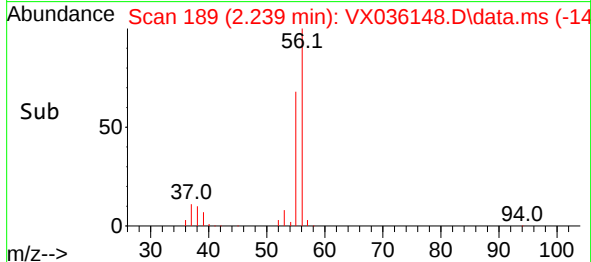
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 56 Resp: 107320
Ion Ratio Lower Upper
56 100
55 71.5 57.3 85.9

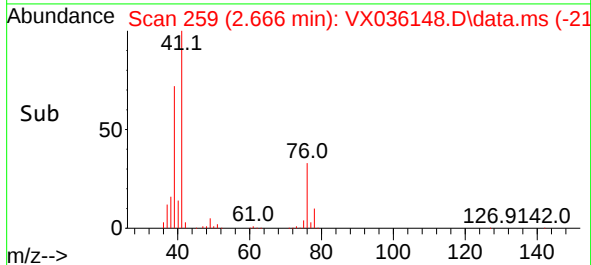
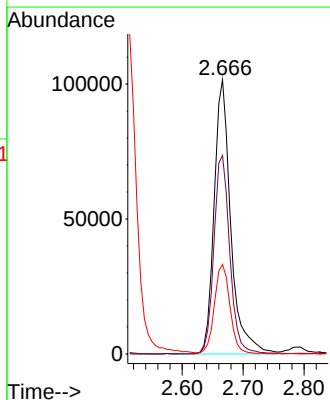
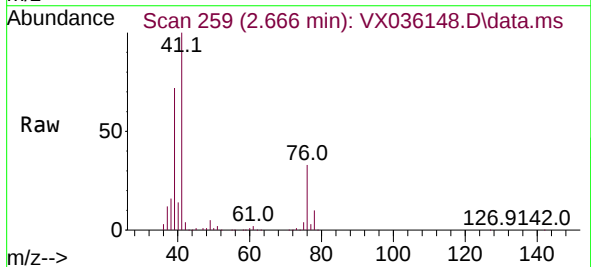
Manual Integrations
APPROVED

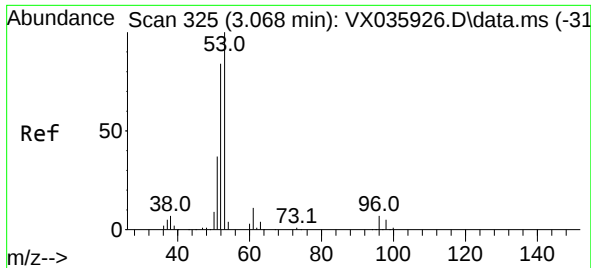
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#14
Allyl chloride
Concen: 48.079 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

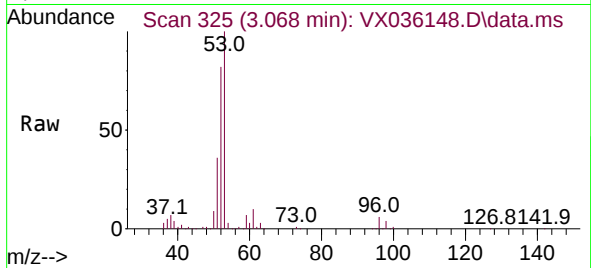
Tgt Ion: 41 Resp: 193600
Ion Ratio Lower Upper
41 100
39 69.1 56.9 85.3
76 30.7 24.1 36.1





#15
Acrylonitrile
Concen: 257.211 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

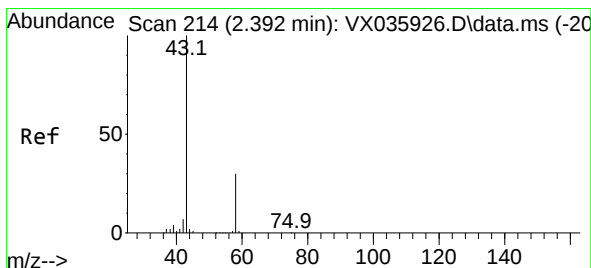
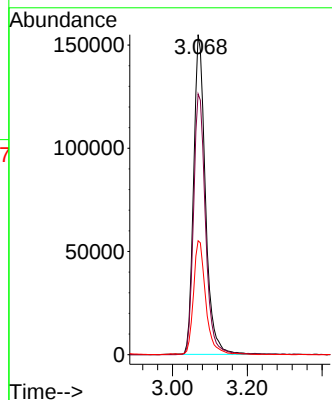
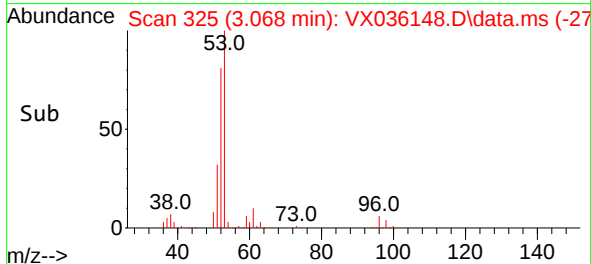
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 53 Resp: 34028
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 36.9 29.8 44.8

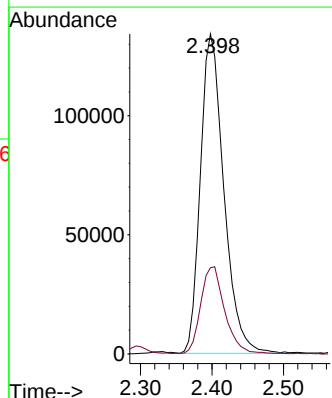
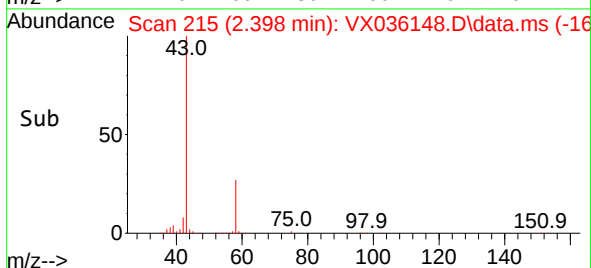
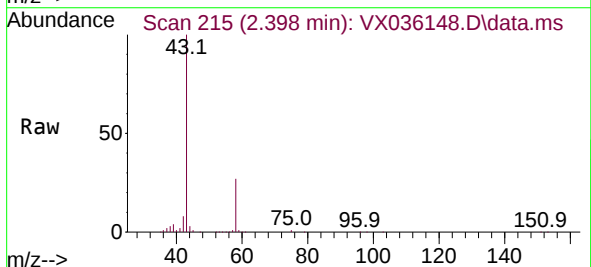
Manual Integrations
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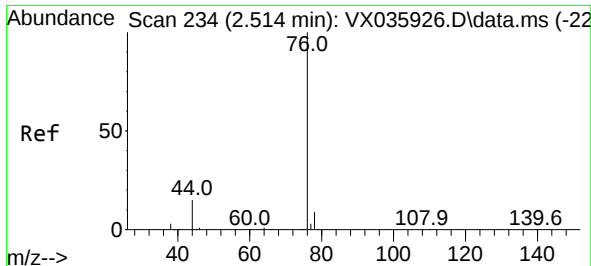
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#16
Acetone
Concen: 233.434 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 43 Resp: 305348
Ion Ratio Lower Upper
43 100
58 26.8 22.2 33.2





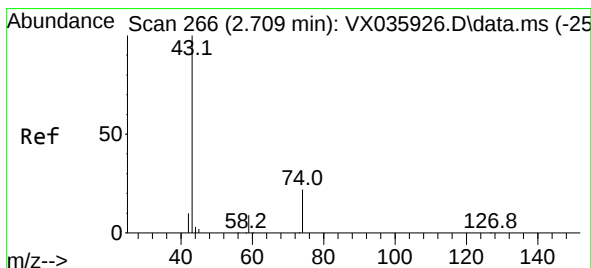
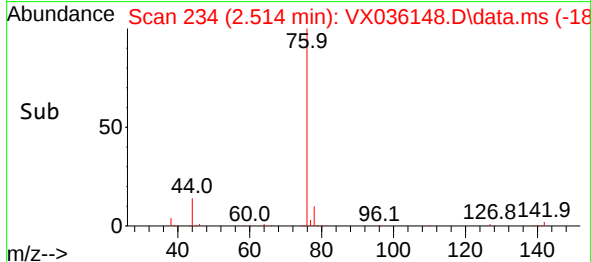
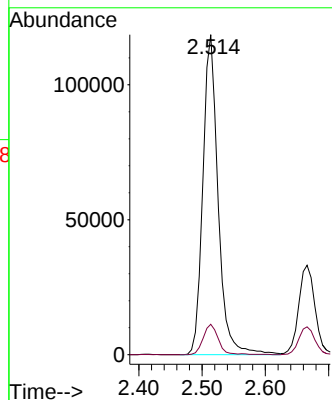
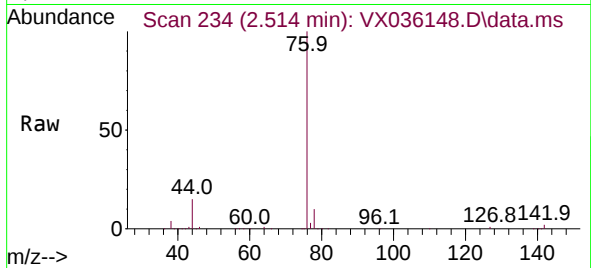
#17
Carbon Disulfide
Concen: 40.586 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion: 76 Resp: 19921
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

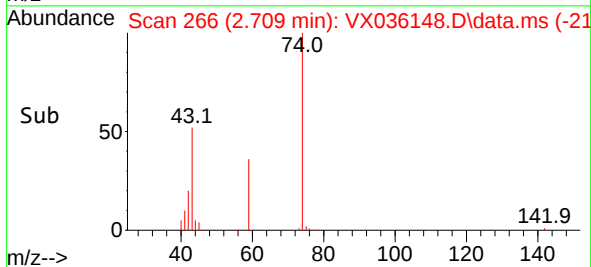
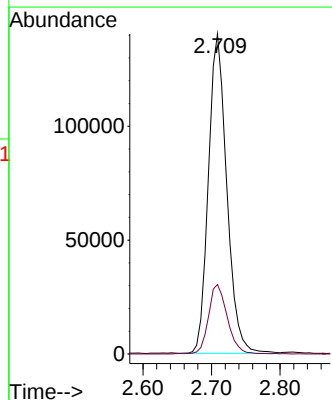
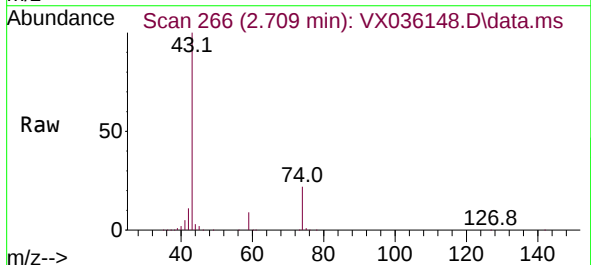
Manual Integrations
APPROVED

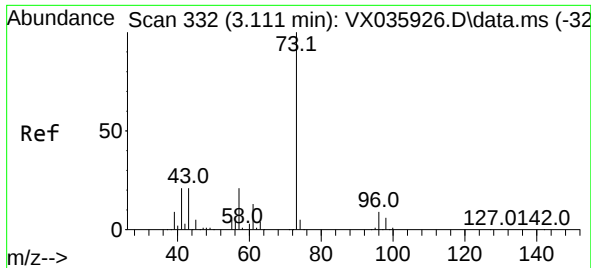
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#18
Methyl Acetate
Concen: 51.560 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

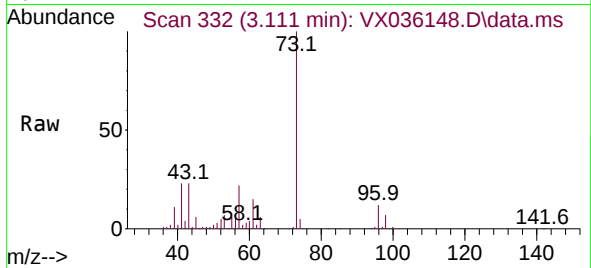
Tgt Ion: 43 Resp: 262198
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 52.203 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

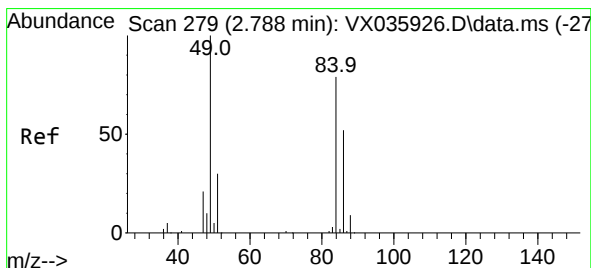
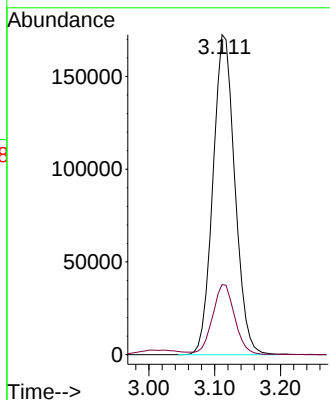
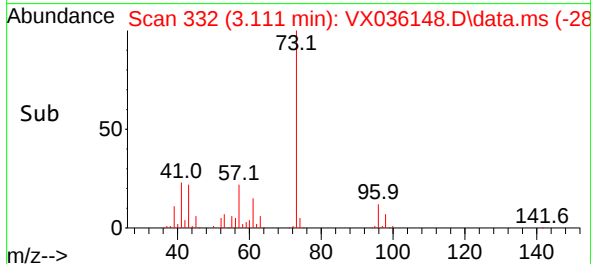
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 73 Resp: 400560
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

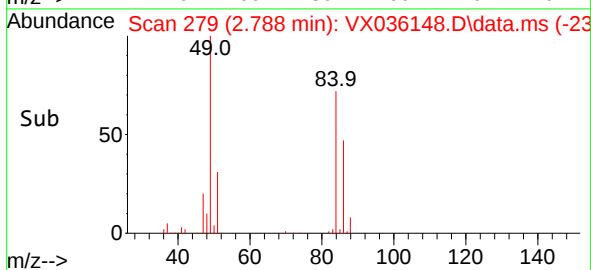
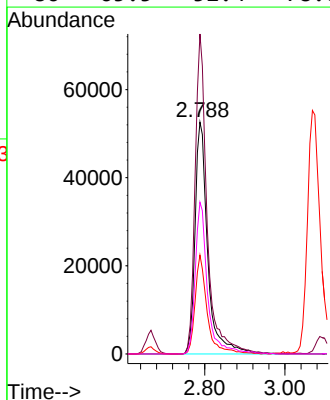
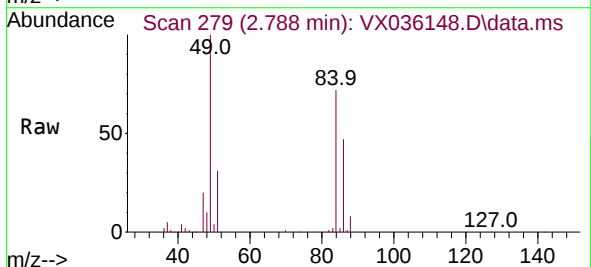
Manual Integrations
APPROVED

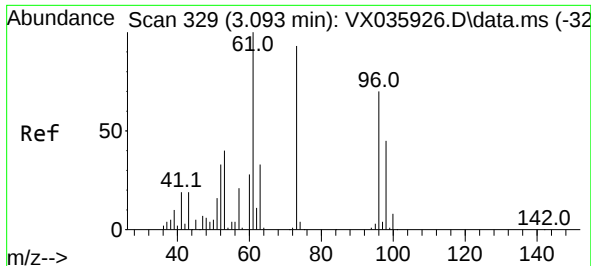
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#20
Methylene Chloride
Concen: 45.857 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

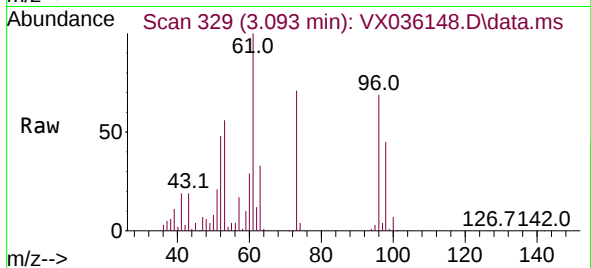
Tgt Ion: 84 Resp: 115546
Ion Ratio Lower Upper
84 100
49 138.0 104.6 156.8
51 42.6 32.2 48.4
86 65.5 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 53.469 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

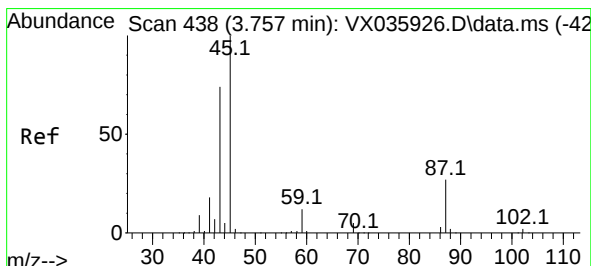
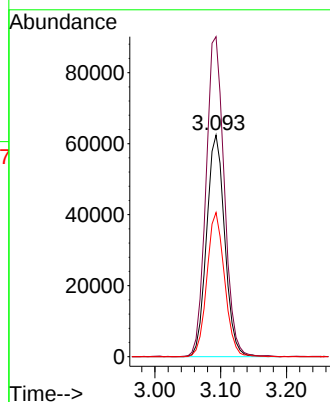
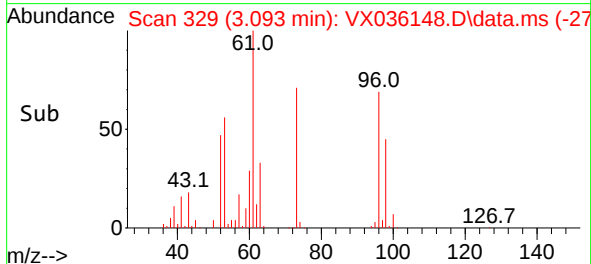
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 96 Resp: 119729
Ion Ratio Lower Upper
96 100
61 144.4 118.2 177.4
98 65.0 50.6 75.8

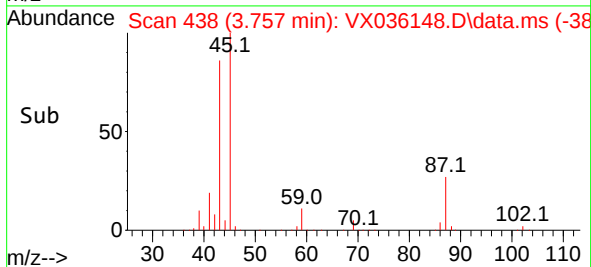
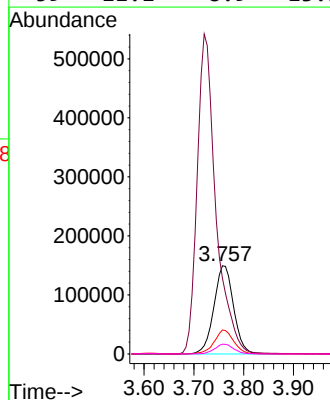
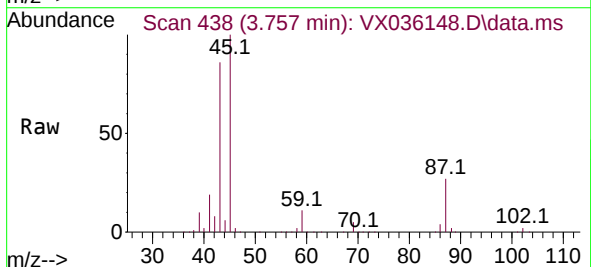
Manual Integrations
APPROVED

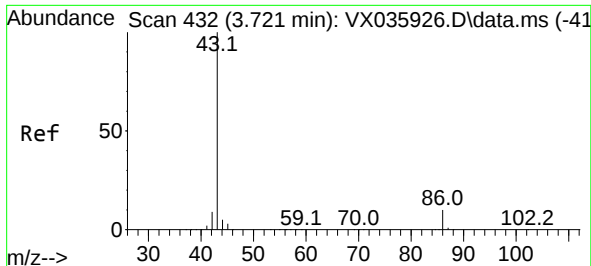
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#22
Diisopropyl ether
Concen: 52.367 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

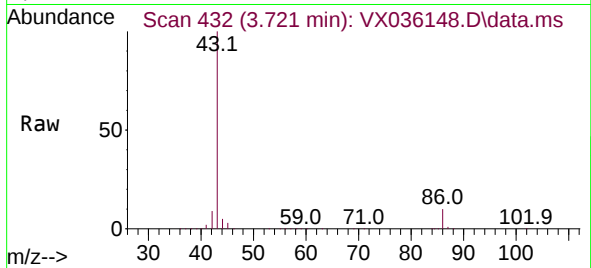
Tgt Ion: 45 Resp: 410154
Ion Ratio Lower Upper
45 100
43 85.6 63.8 95.6
87 27.2 20.6 31.0
59 11.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 257.647 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

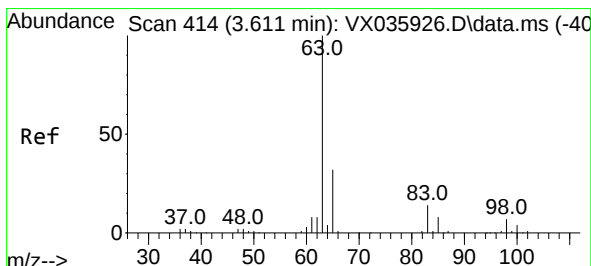
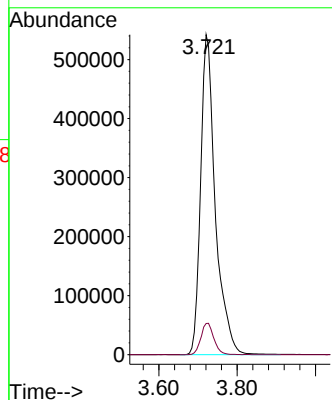
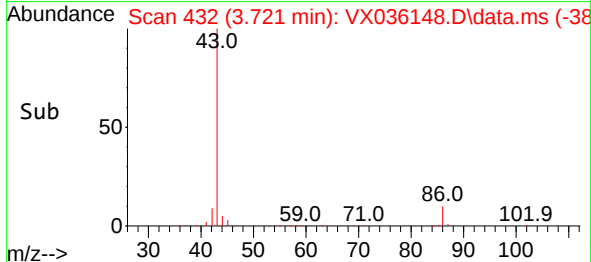
Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MSD



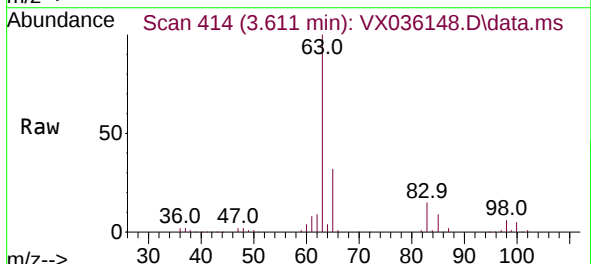
Tgt Ion: 43 Resp: 1417784
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6

Manual Integrations
 APPROVED

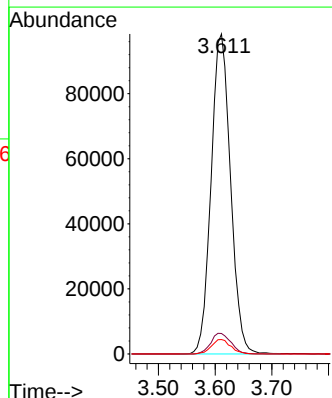
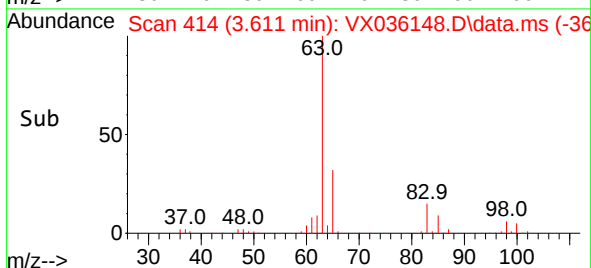
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

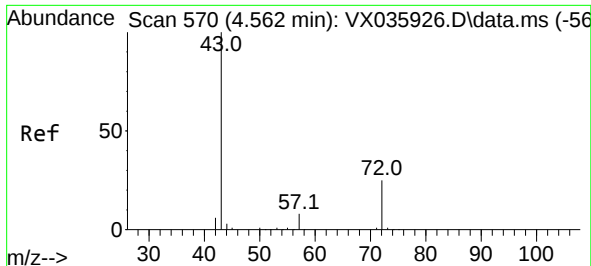


#24
 1,1-Dichloroethane
 Concen: 53.859 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49



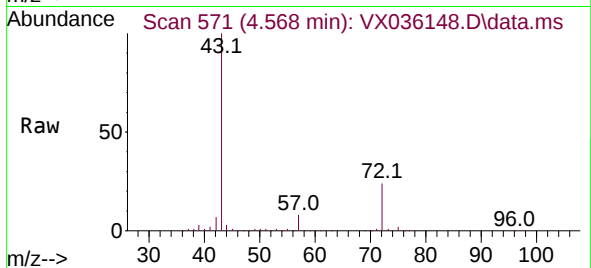
Tgt Ion: 63 Resp: 233968
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.5 2.3 6.9





#25
2-Butanone
Concen: 257.154 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

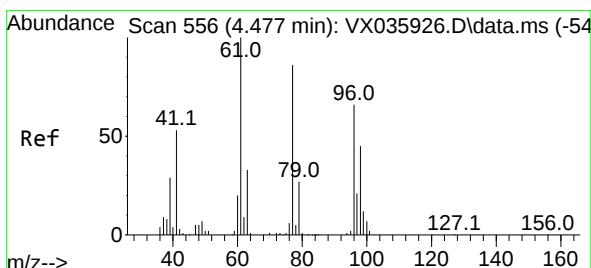
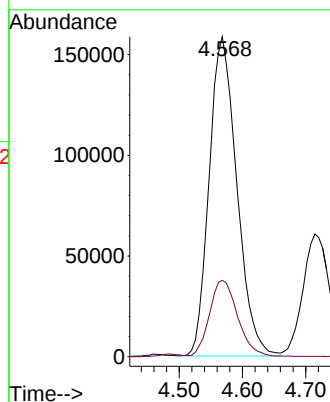
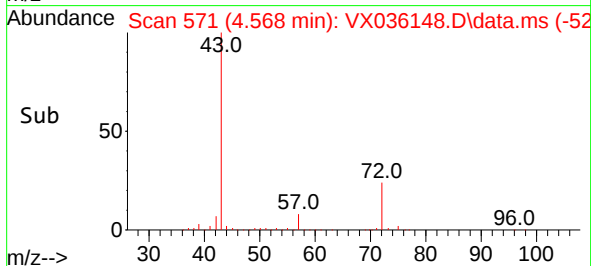
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 43 Resp: 48144
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

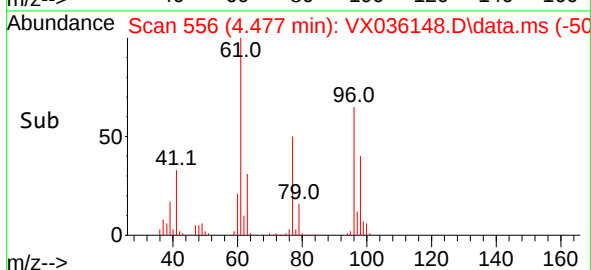
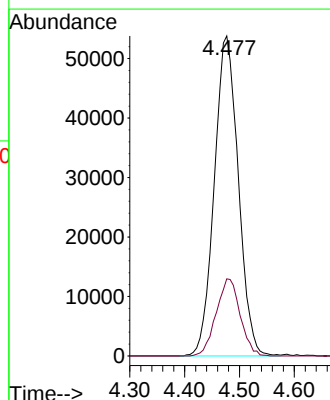
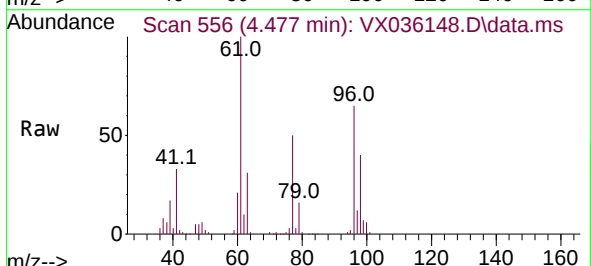
Manual Integrations
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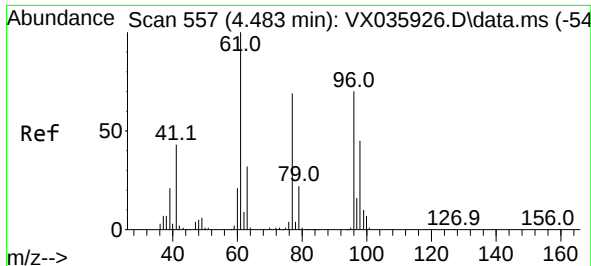
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#26
2,2-Dichloropropane
Concen: 49.413 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 77 Resp: 163617
Ion Ratio Lower Upper
77 100
97 24.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 87.266 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

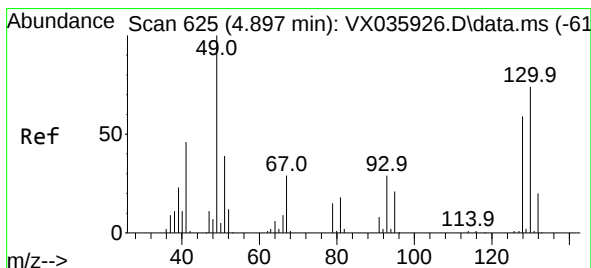
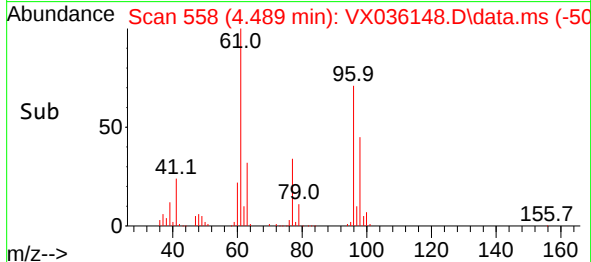
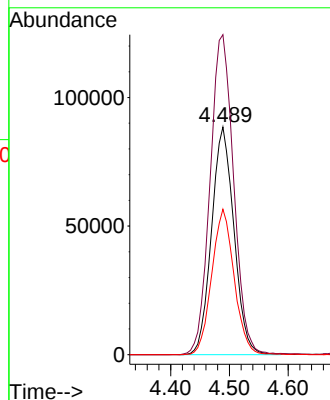
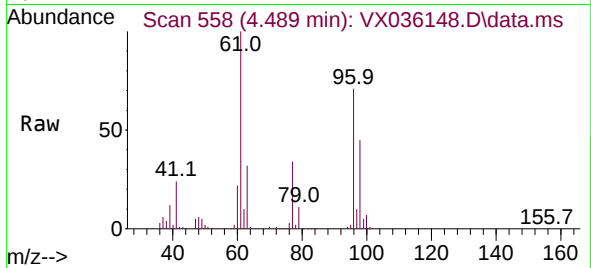
Tgt Ion: 96	Resp: 23452
Ion Ratio	Lower Upper
96	100
61	148.0 0.0 312.6
98	63.8 0.0 130.0

Manual Integrations

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Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#28

Bromochloromethane

Concen: 52.468 ug/l

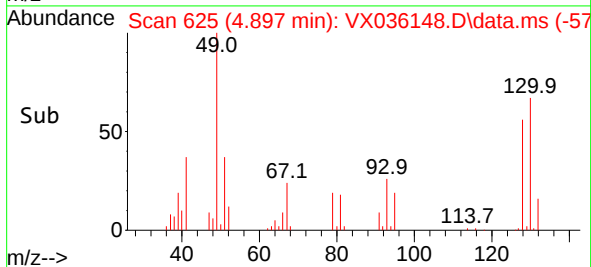
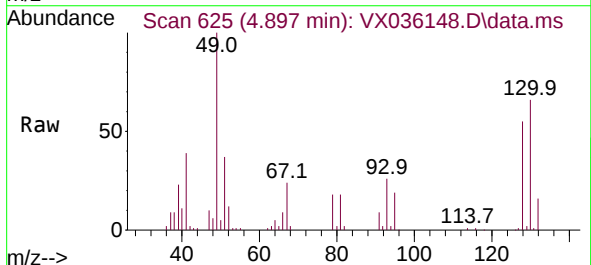
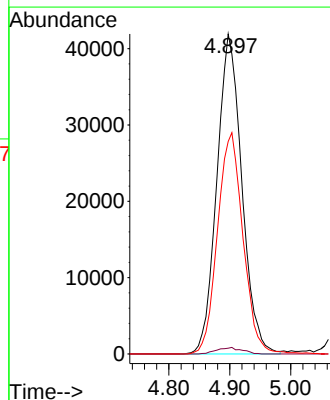
RT: 4.897 min Scan# 625

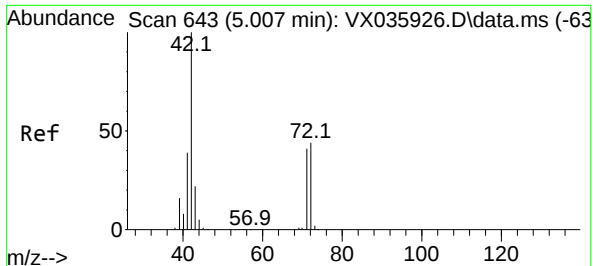
Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Tgt Ion: 49	Resp: 119358
Ion Ratio	Lower Upper
49	100
129	2.0 0.0 3.6
130	70.7 55.8 83.8





#29

Tetrahydrofuran

Concen: 259.485 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 42 Resp: 313062

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.2

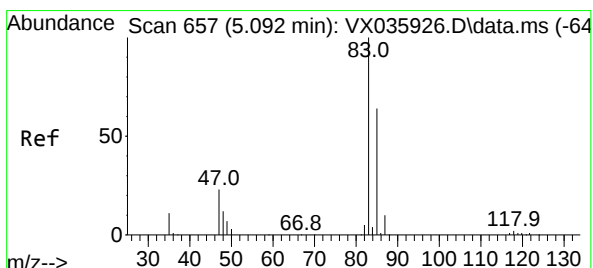
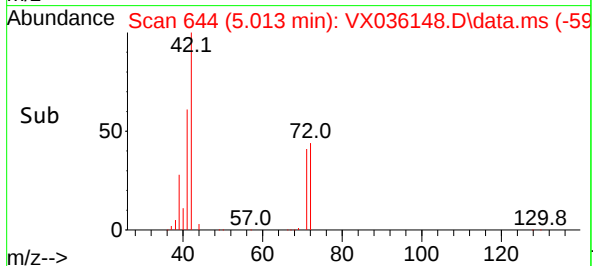
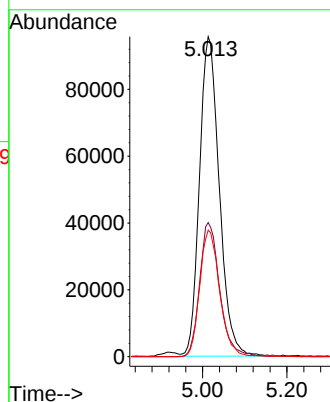
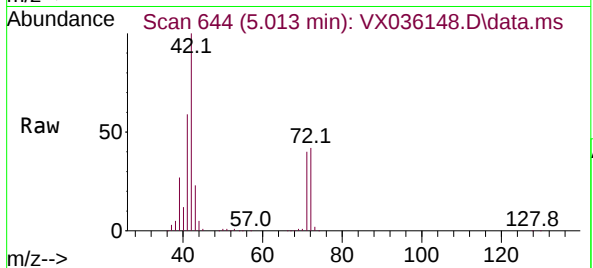
71 39.9 31.8 47.8

Manual Integrations

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Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#30

Chloroform

Concen: 51.675 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX036148.D

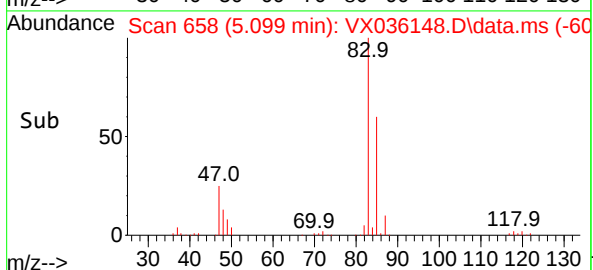
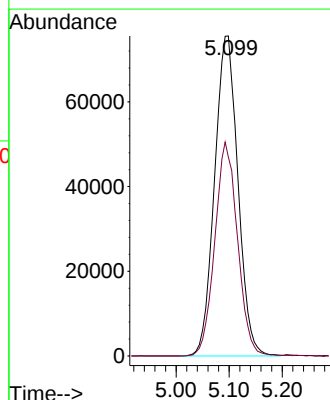
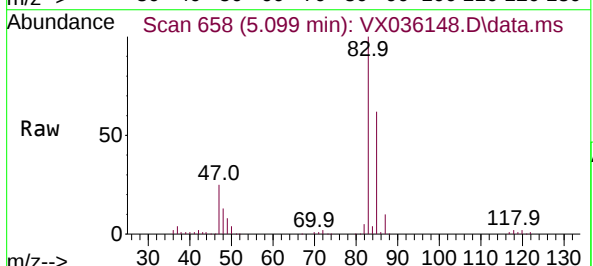
Acq: 13 Jun 2023 16:49

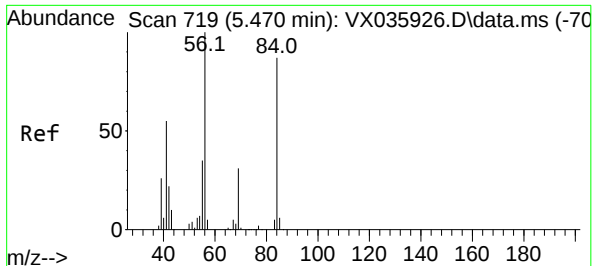
Tgt Ion: 83 Resp: 231218

Ion Ratio Lower Upper

83 100

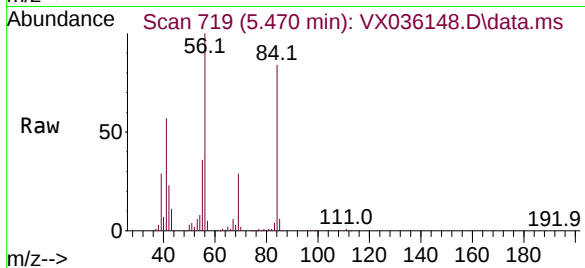
85 62.2 51.0 76.4





#31
Cyclohexane
Concen: 48.839 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

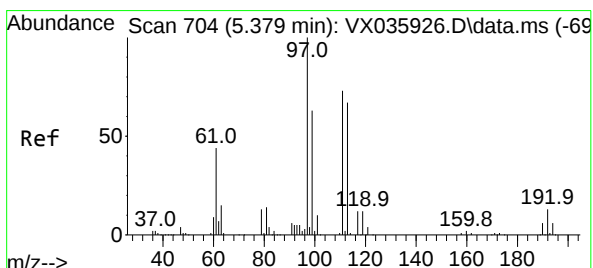
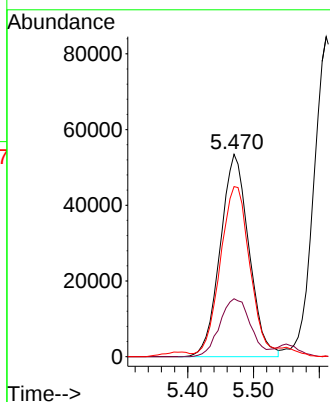
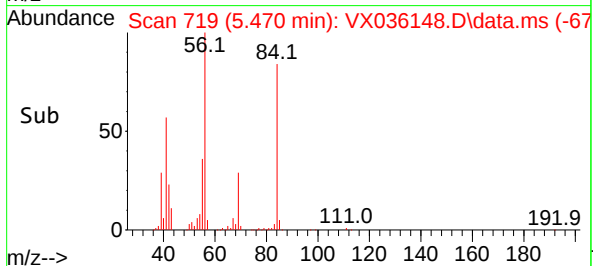
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 56 Resp: 16213
Ion Ratio Lower Upper
56 100
69 28.6 25.9 38.9
84 81.8 67.6 101.4

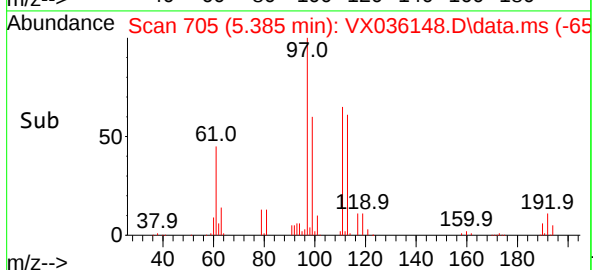
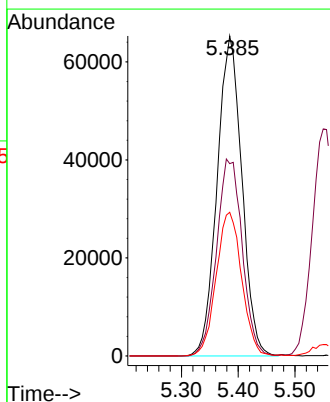
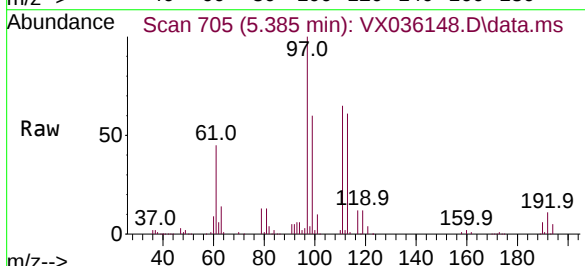
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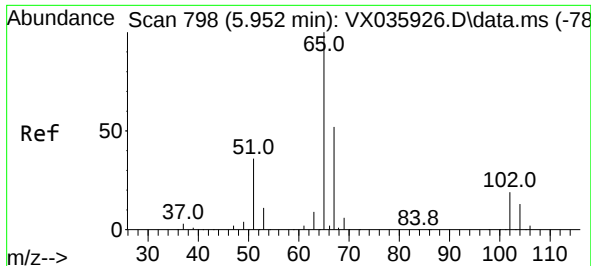
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#32
1,1,1-Trichloroethane
Concen: 52.345 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 97 Resp: 197921
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 46.3 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 54.329 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 65 Resp: 172259

Ion Ratio Lower Upper

65 100

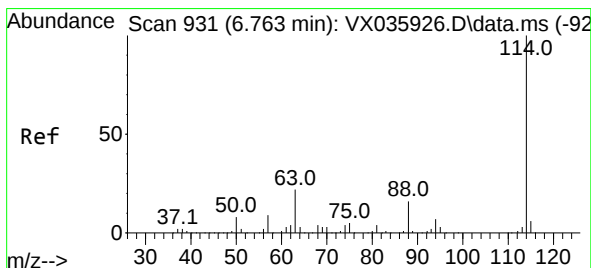
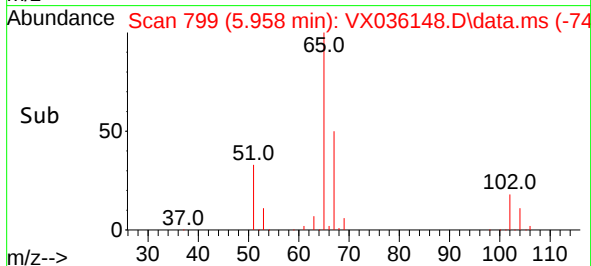
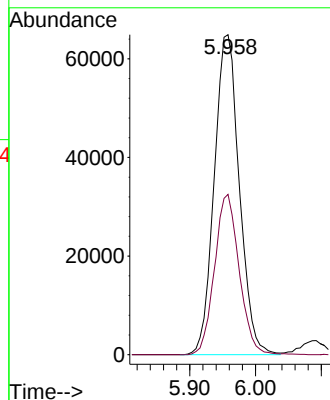
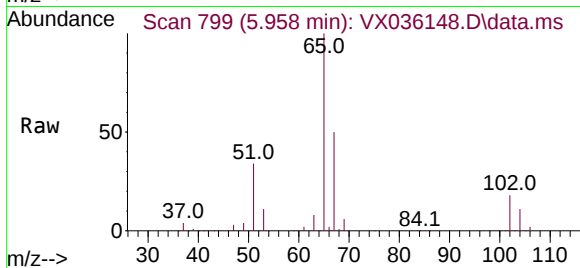
67 49.2 0.0 99.6

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Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

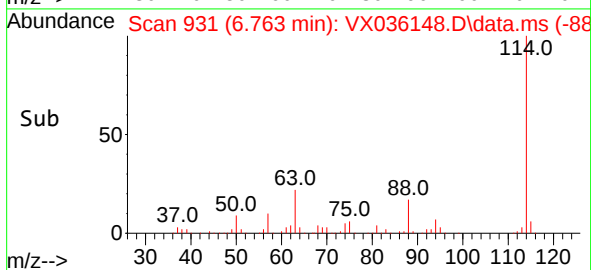
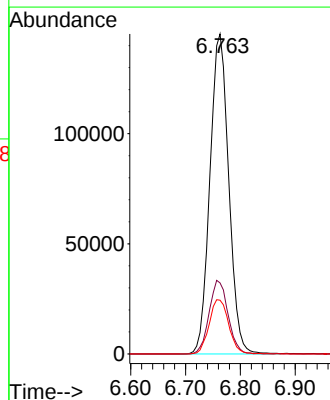
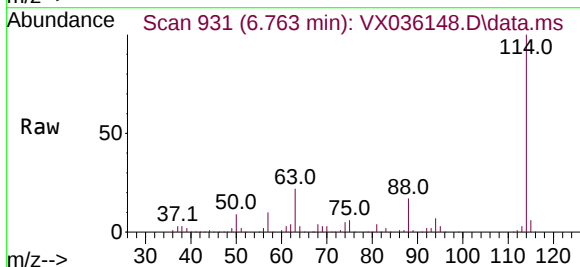
Tgt Ion:114 Resp: 345566

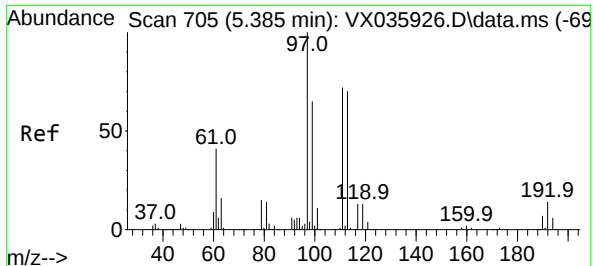
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.0

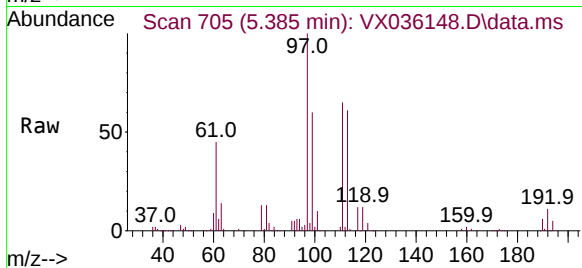
88 16.8 0.0 35.2





#35
Dibromofluoromethane
Concen: 51.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

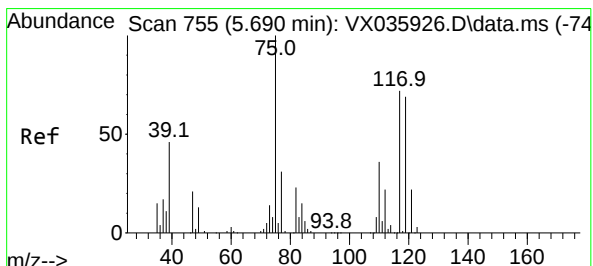
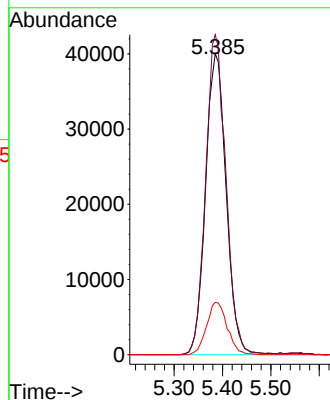
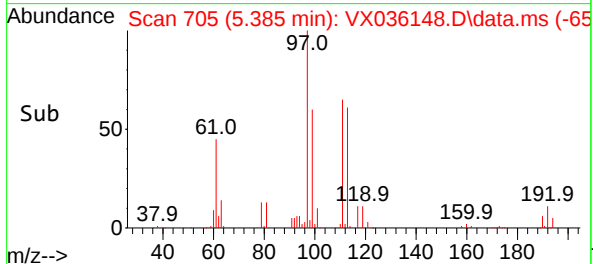
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 113 Resp: 11862
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 17.4 13.5 20.3

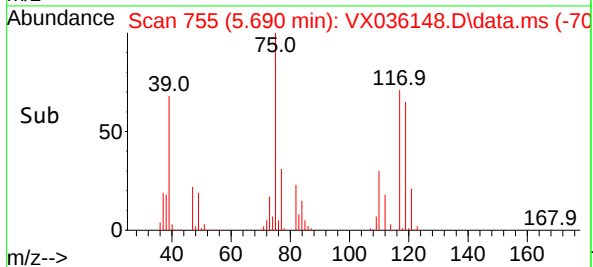
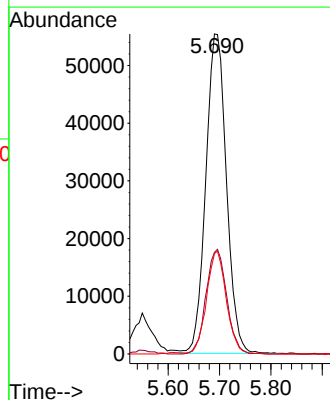
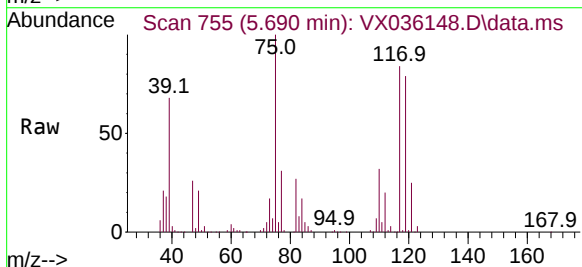
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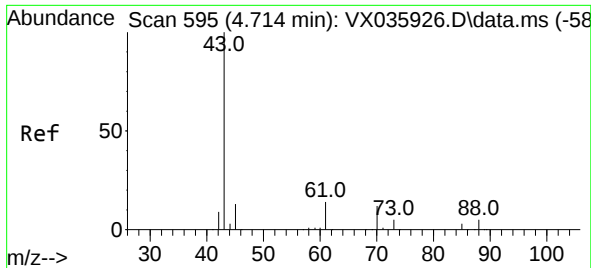
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#36
1,1-Dichloropropene
Concen: 49.882 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 75 Resp: 154584
Ion Ratio Lower Upper
75 100
110 32.7 16.6 49.7
77 30.8 24.4 36.6





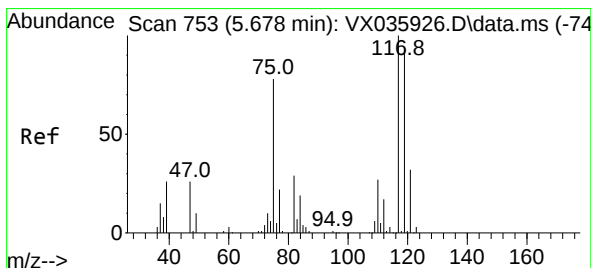
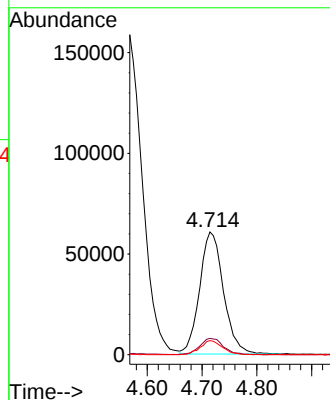
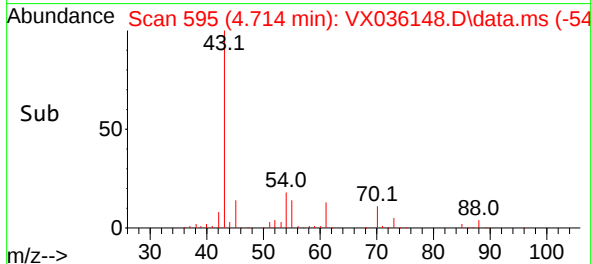
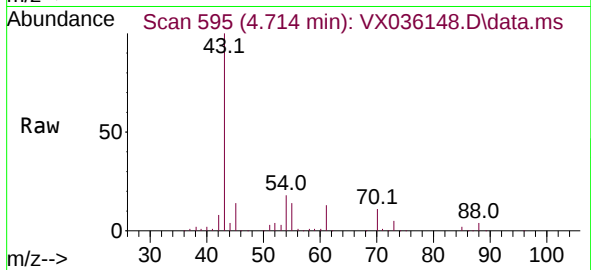
#37
Ethyl Acetate
Concen: 53.161 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion: 43 Resp: 183475
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 10.6 8.3 12.5

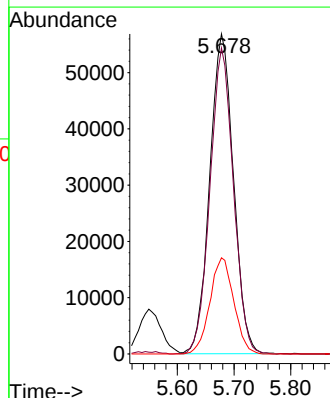
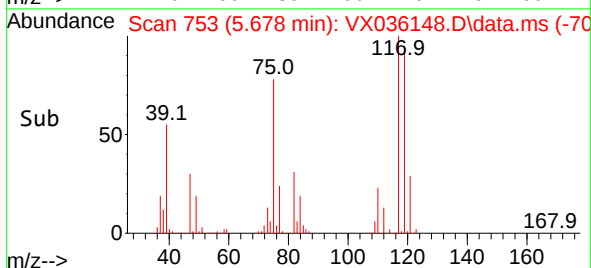
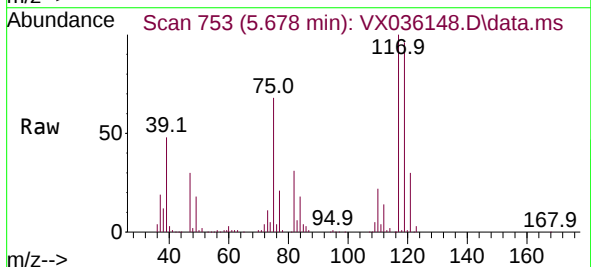
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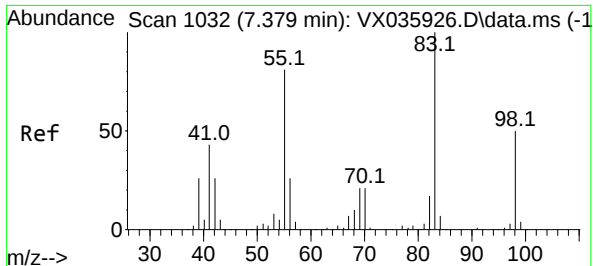
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#38
Carbon Tetrachloride
Concen: 54.646 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:117 Resp: 165033
Ion Ratio Lower Upper
117 100
119 95.6 74.1 111.1
121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 48.422 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 83 Resp: 15656

Ion Ratio Lower Upper

83 100

55 83.1 64.9 97.3

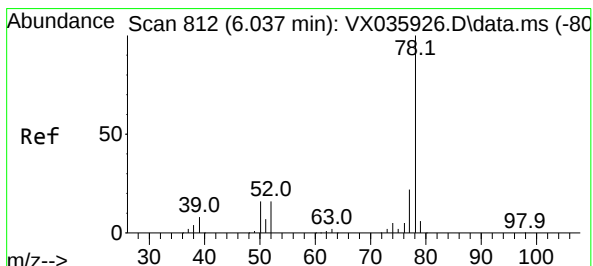
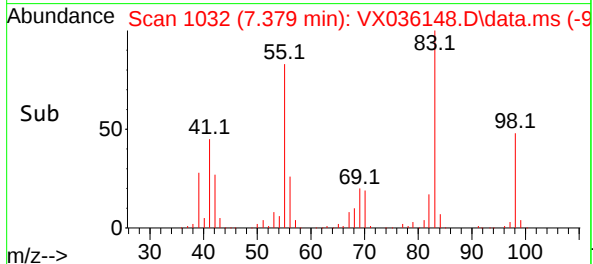
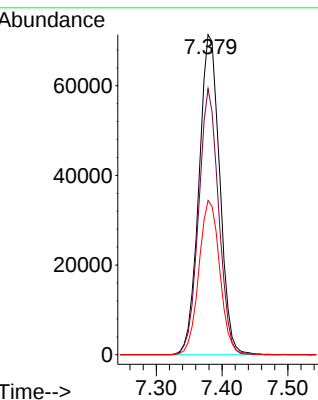
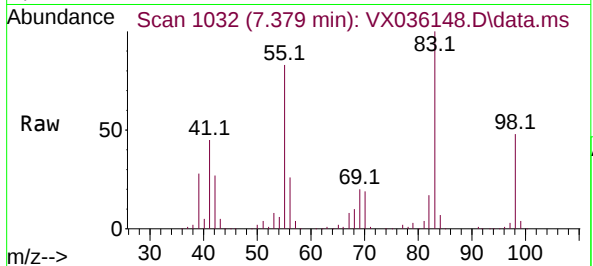
98 48.2 38.1 57.1

Manual Integrations

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Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#40

Benzene

Concen: 49.321 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036148.D

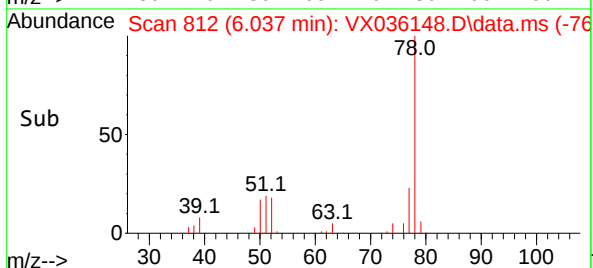
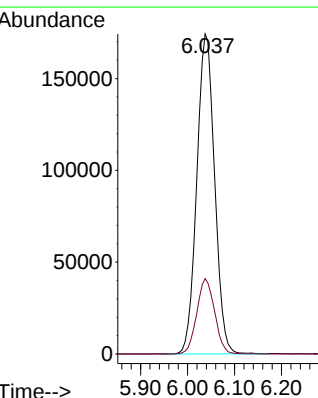
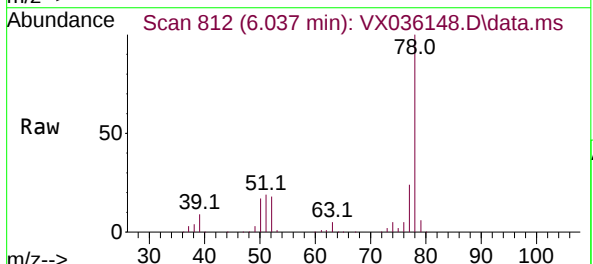
Acq: 13 Jun 2023 16:49

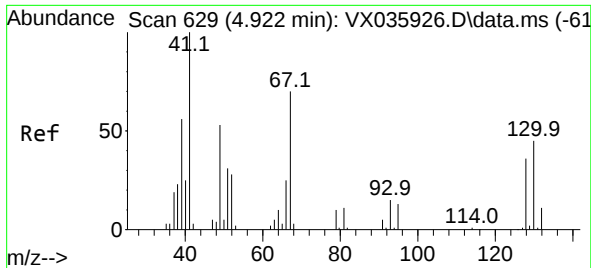
Tgt Ion: 78 Resp: 458735

Ion Ratio Lower Upper

78 100

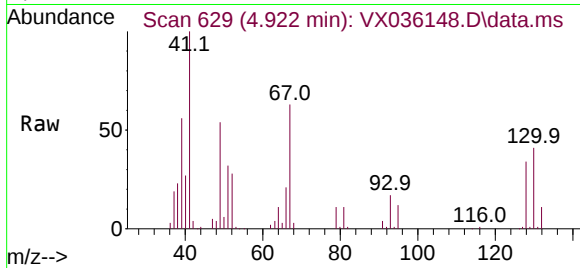
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 58.354 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

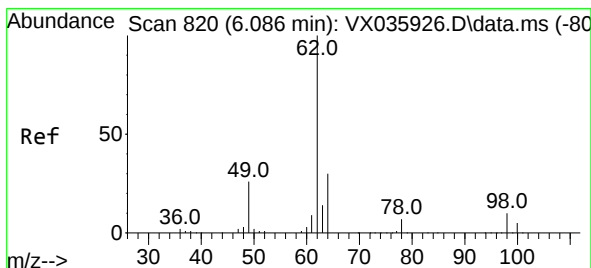
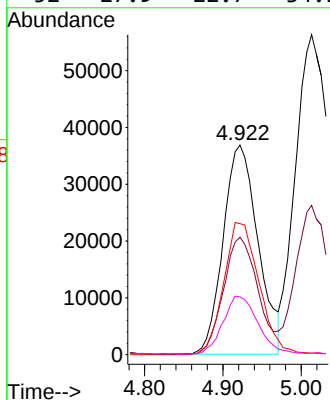
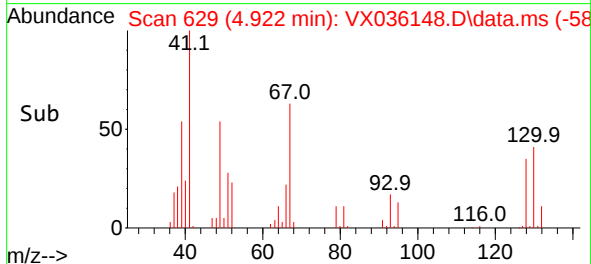
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 41 Resp: 11425
Ion Ratio Lower Upper
41 100
39 54.3 45.6 68.4
67 64.3 51.8 77.6
52 27.9 22.7 34.1

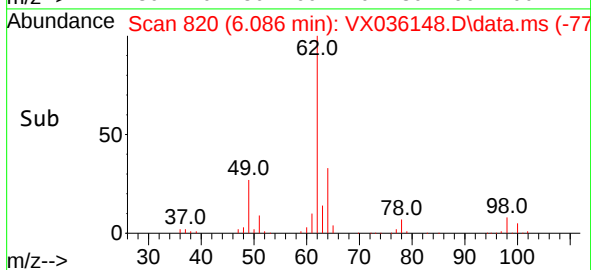
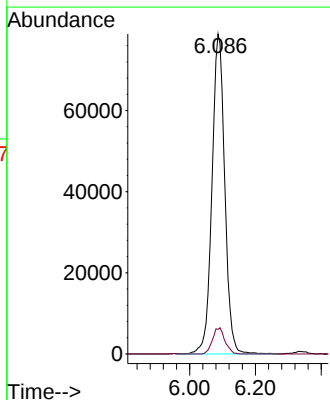
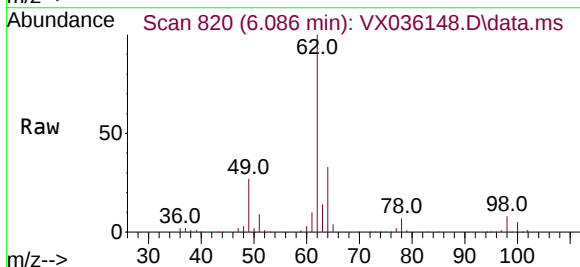
Manual Integrations
APPROVED

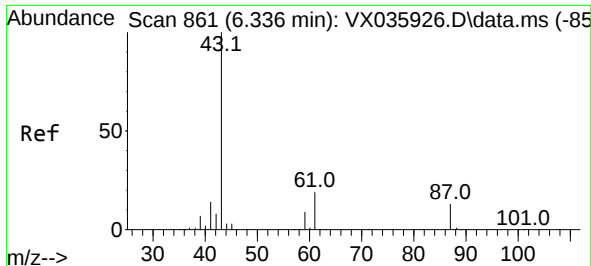
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#42
1,2-Dichloroethane
Concen: 57.917 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 62 Resp: 213325
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 55.153 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 43 Resp: 31298

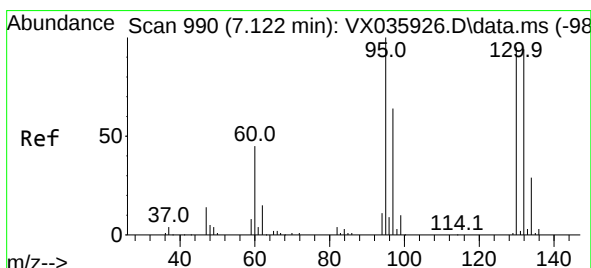
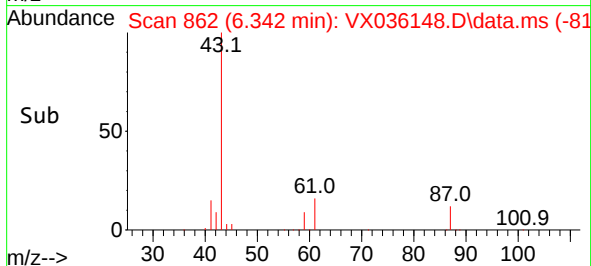
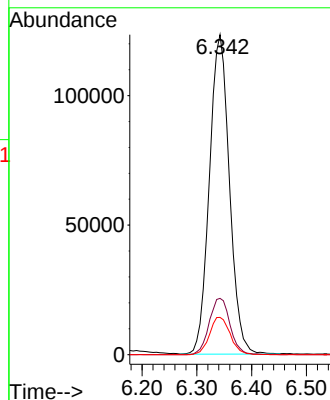
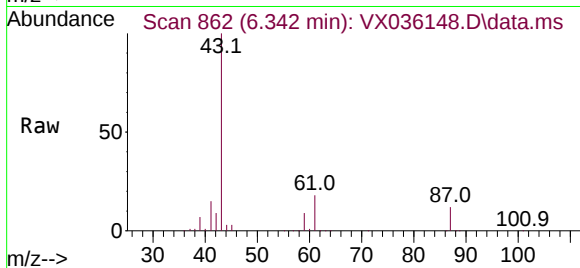
Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.0	22.4
87	12.1	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#44

Trichloroethene

Concen: 75.609 ug/l

RT: 7.123 min Scan# 990

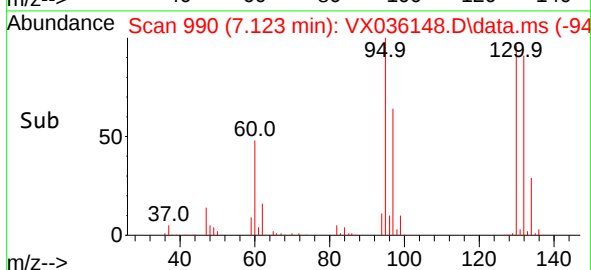
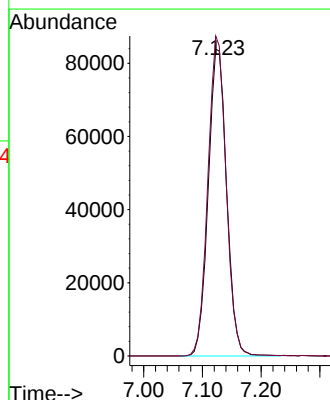
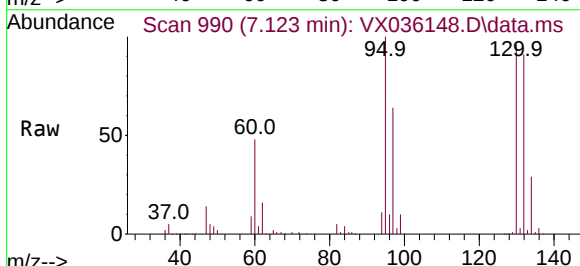
Delta R.T. 0.001 min

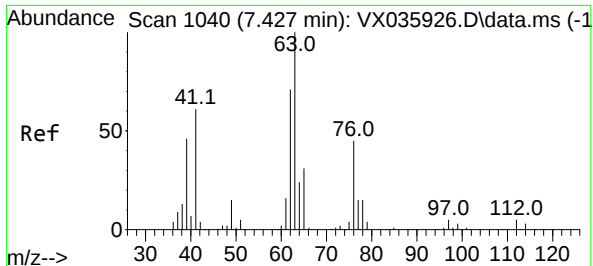
Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Tgt Ion:130 Resp: 182429

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	207.6





#45

1,2-Dichloropropane

Concen: 50.636 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 63 Resp: 123958

Ion Ratio Lower Upper

63 100

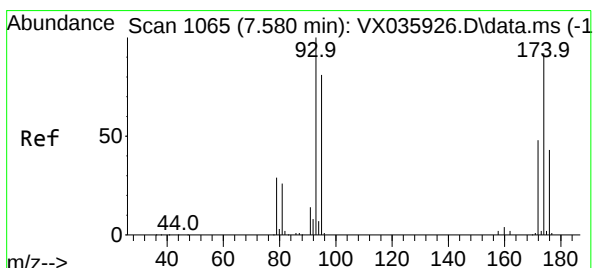
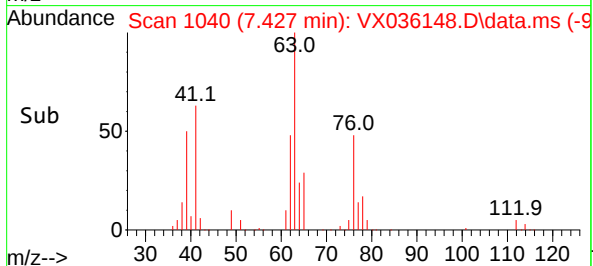
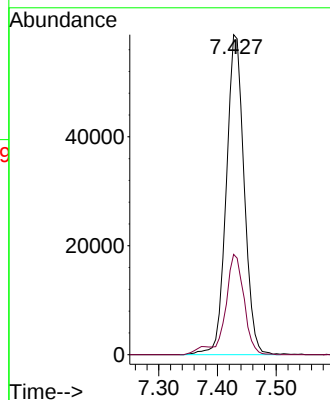
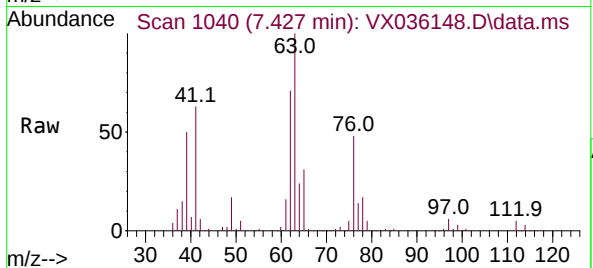
65 31.3 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#46

Dibromomethane

Concen: 52.002 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

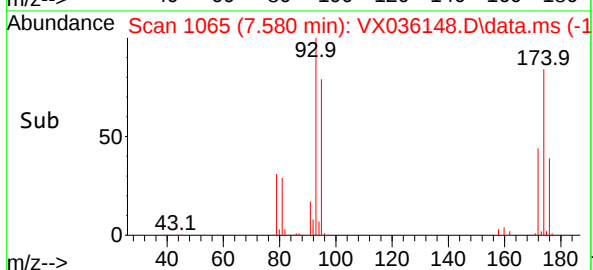
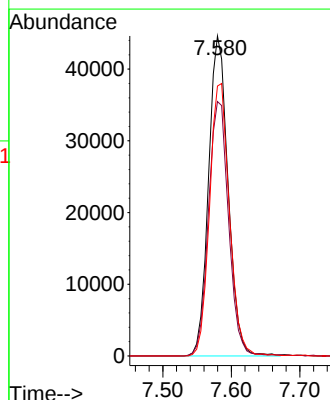
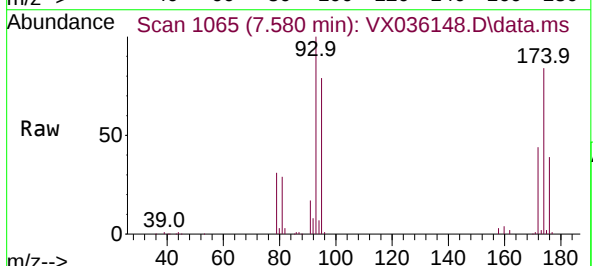
Tgt Ion: 93 Resp: 88432

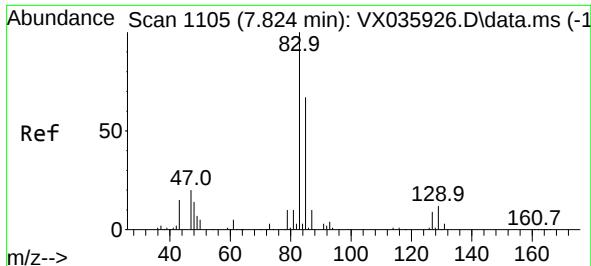
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.2

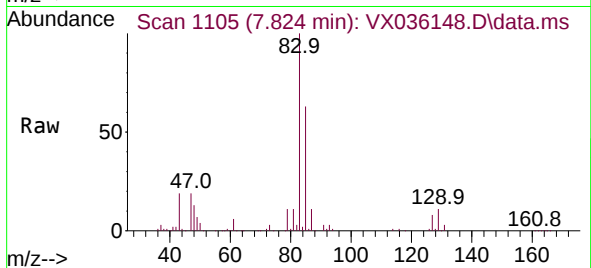
174 86.5 69.5 104.3





#47
Bromodichloromethane
Concen: 55.421 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

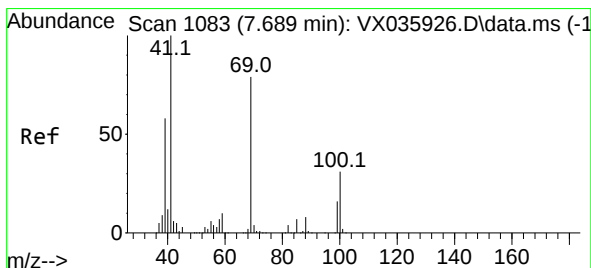
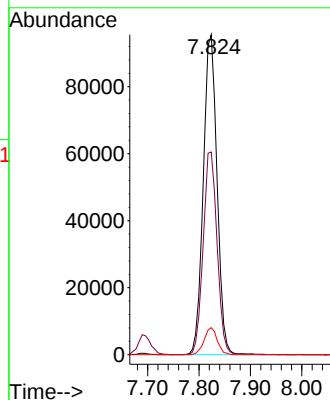
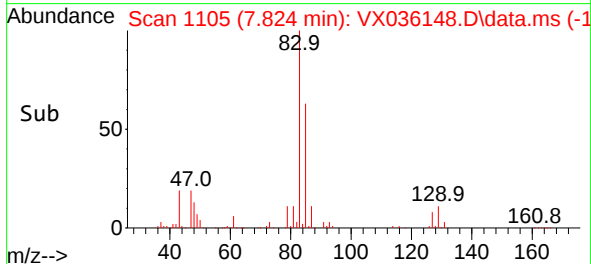
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 83 Resp: 17728
Ion Ratio Lower Upper
83 100
85 63.4 51.3 76.9
127 8.5 6.6 10.0

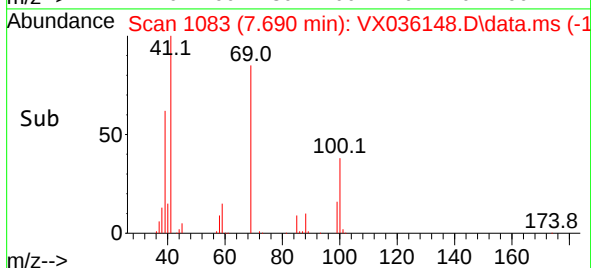
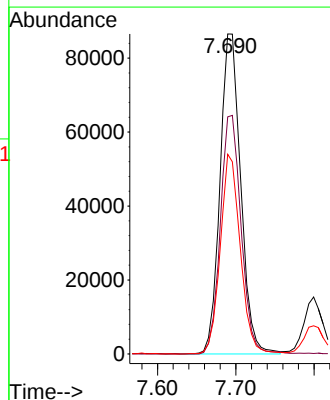
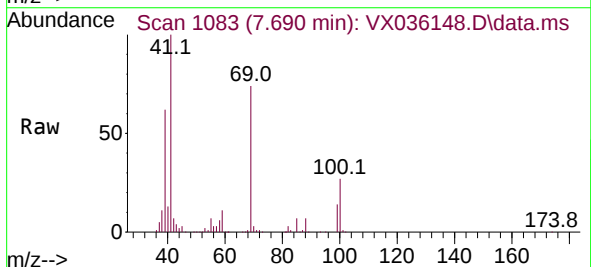
Manual Integrations
APPROVED

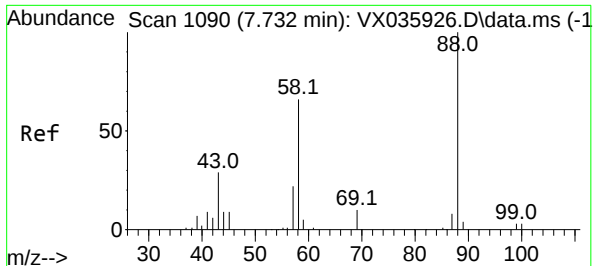
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#48
Methyl methacrylate
Concen: 57.197 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 41 Resp: 159178
Ion Ratio Lower Upper
41 100
69 74.7 59.0 88.6
39 60.5 48.4 72.6





#49

1,4-Dioxane

Concen: 856.133 ug/l

RT: 7.714 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 88 Resp: 5456

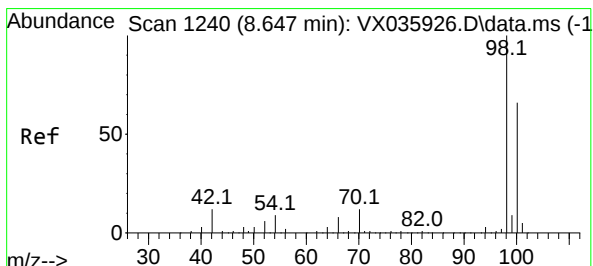
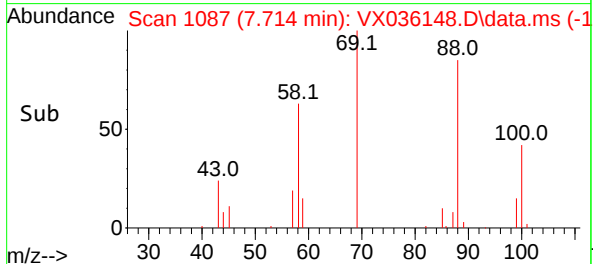
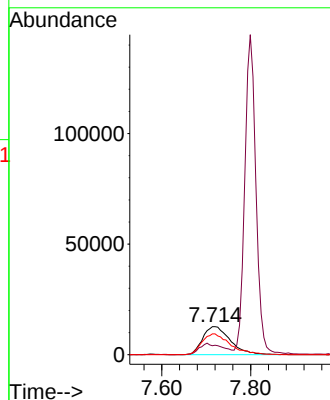
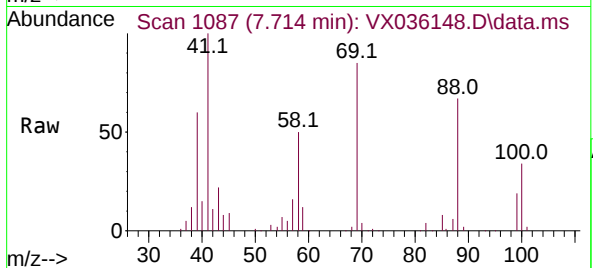
Ion	Ratio	Lower	Upper
88	100		
43	35.5	27.4	41.0
58	76.6	58.9	88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#50

Toluene-d8

Concen: 50.035 ug/l

RT: 8.647 min Scan# 1240

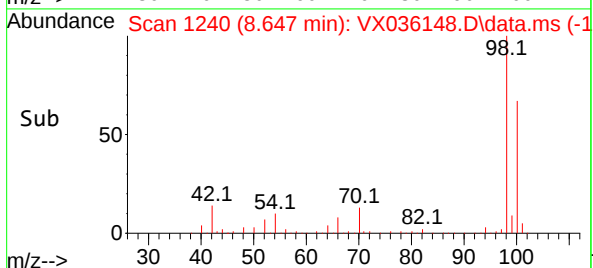
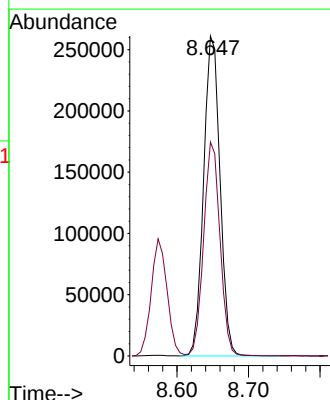
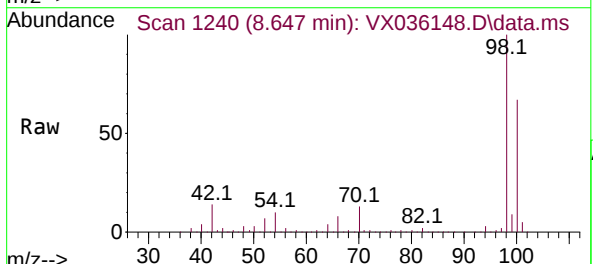
Delta R.T. 0.001 min

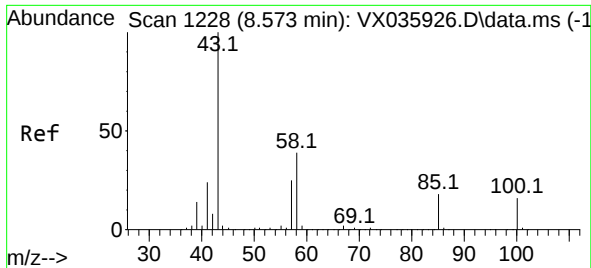
Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Tgt Ion: 98 Resp: 417374

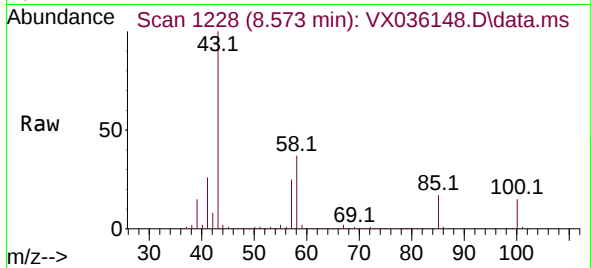
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 285.610 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

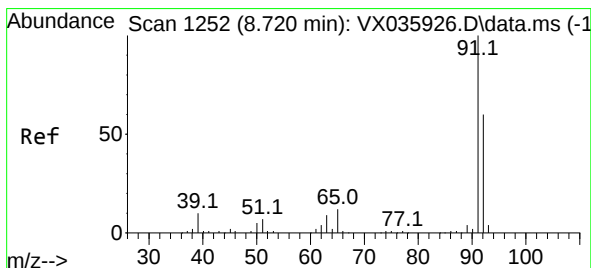
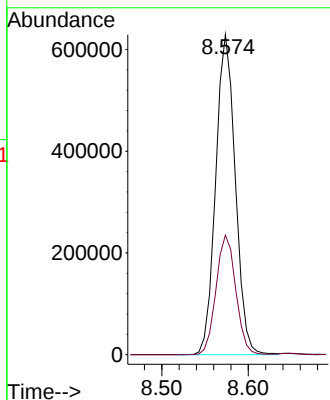
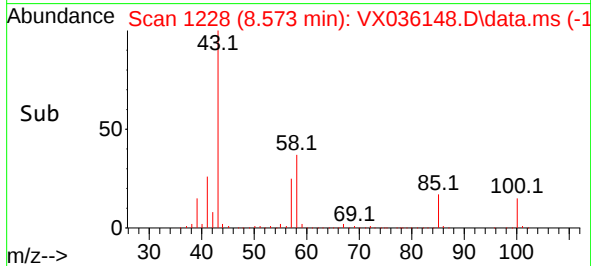
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



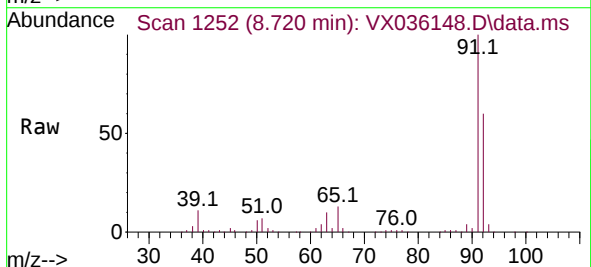
Tgt Ion: 43 Resp: 989360
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1

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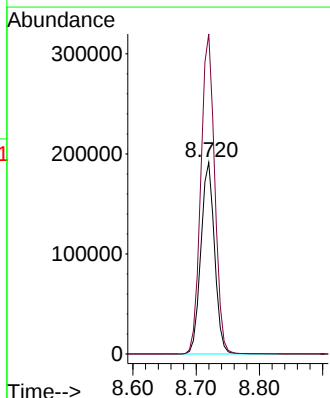
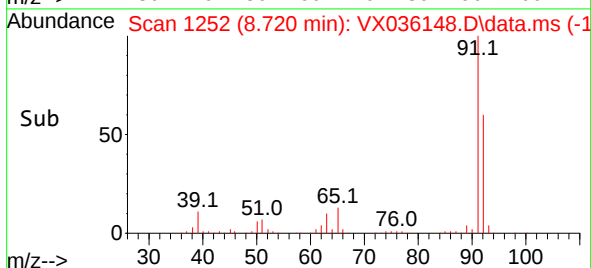
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

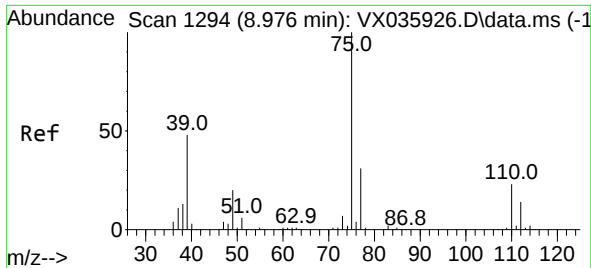


#52
Toluene
Concen: 49.340 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



Tgt Ion: 92 Resp: 288519
Ion Ratio Lower Upper
92 100
91 169.4 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 55.204 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 75 Resp: 186669

Ion Ratio Lower Upper

75 100

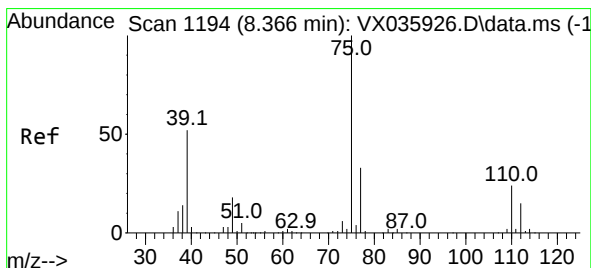
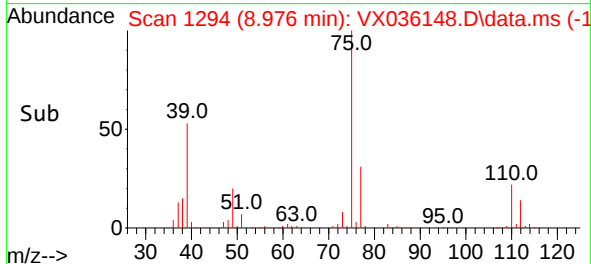
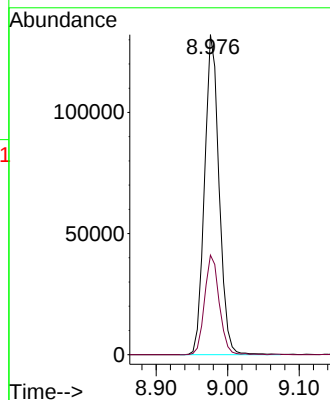
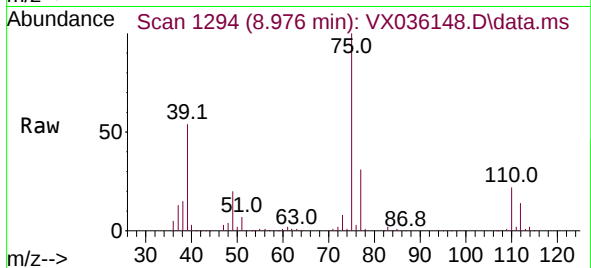
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#54

cis-1,3-Dichloropropene

Concen: 51.731 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

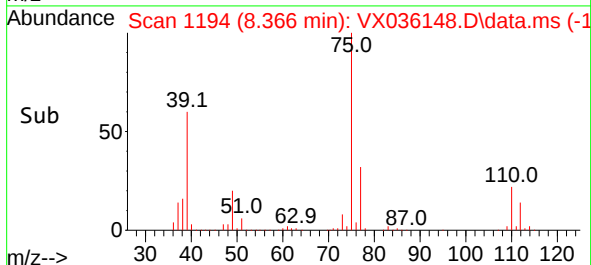
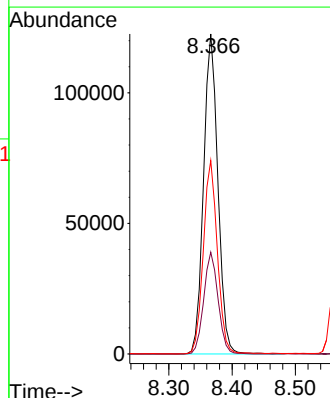
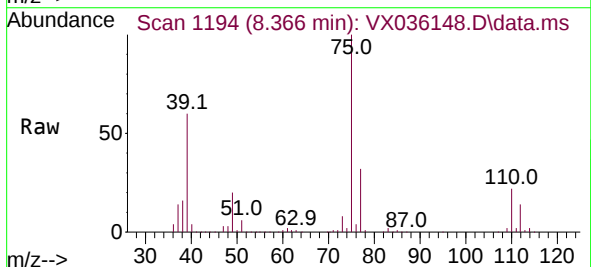
Tgt Ion: 75 Resp: 193167

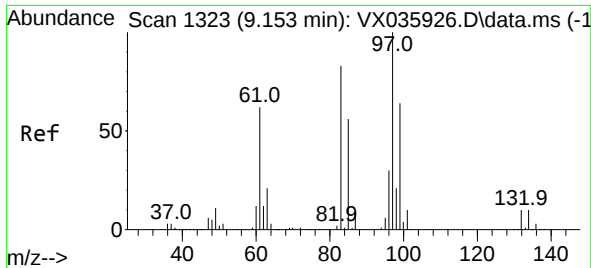
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

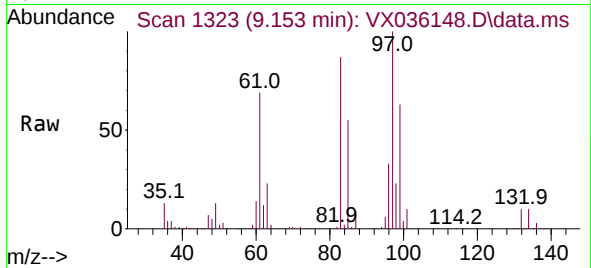
39 60.4 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 51.315 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

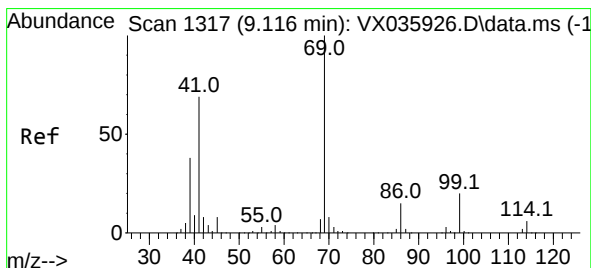
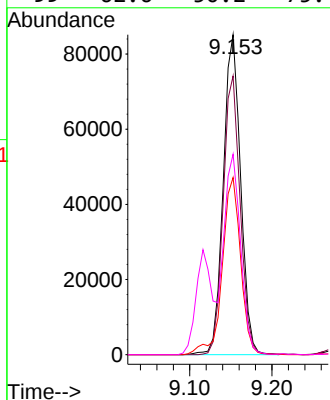
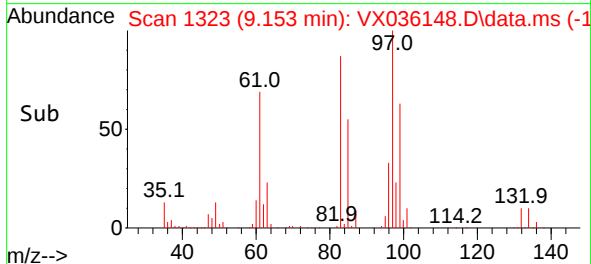
Instrument : MSVOA_X
ClientSampleId : OW-06B-74-79-061223MSD



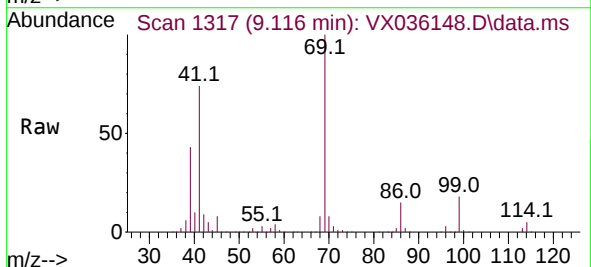
Tgt Ion: 97 Resp: 125018
Ion Ratio Lower Upper
97 100
83 87.1 68.3 102.5
85 55.4 44.2 66.2
99 62.6 50.2 75.4

Manual Integrations
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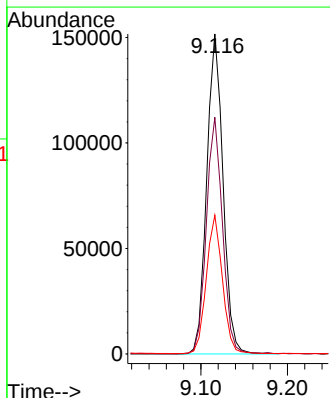
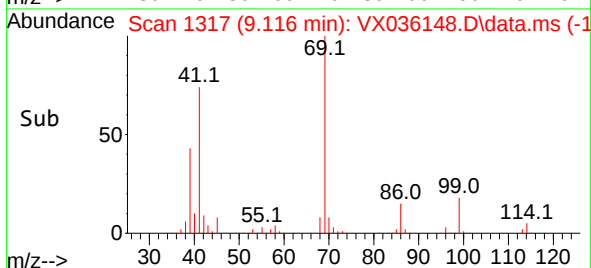
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

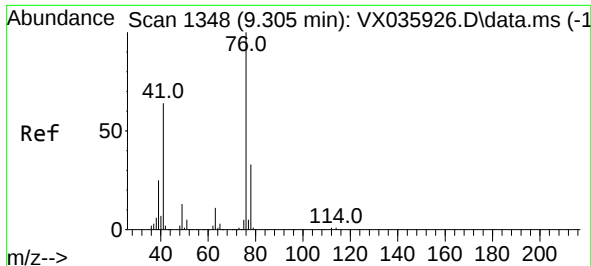


#56
Ethyl methacrylate
Concen: 54.430 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



Tgt Ion: 69 Resp: 198253
Ion Ratio Lower Upper
69 100
41 73.1 58.9 88.3
39 42.9 33.4 50.0





#57

1,3-Dichloropropane

Concen: 51.919 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion: 76 Resp: 21768

Ion Ratio Lower Upper

76 100

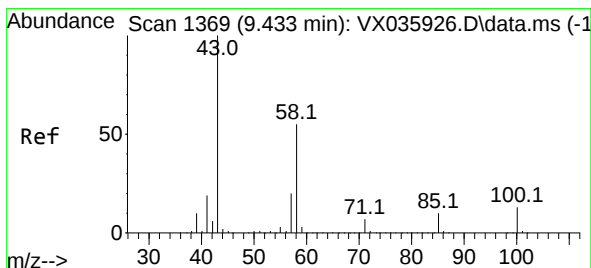
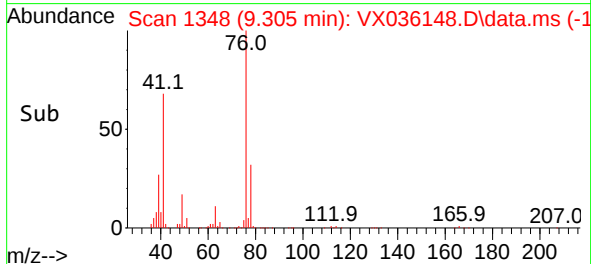
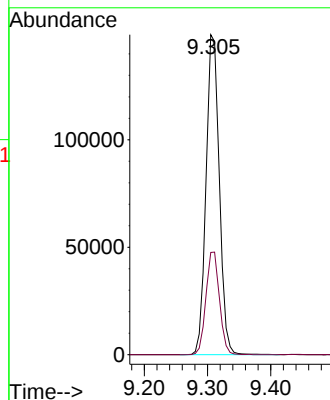
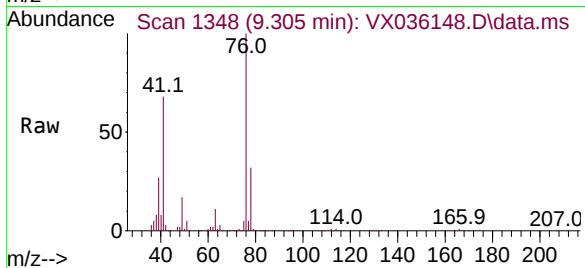
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#59

2-Hexanone

Concen: 290.256 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036148.D

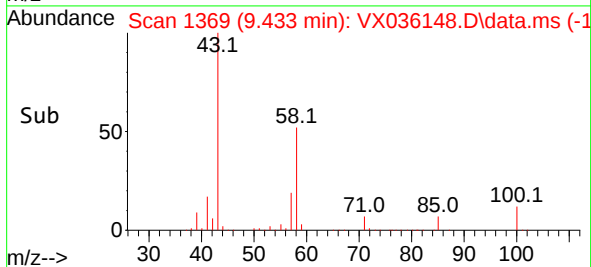
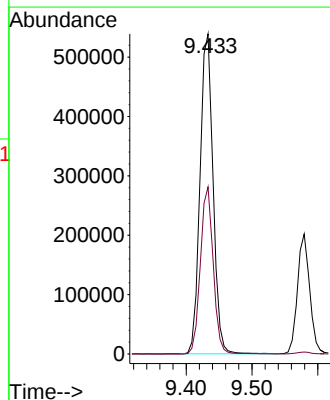
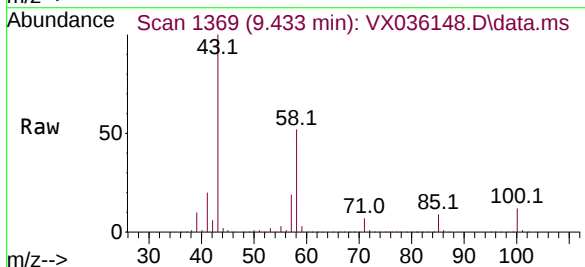
Acq: 13 Jun 2023 16:49

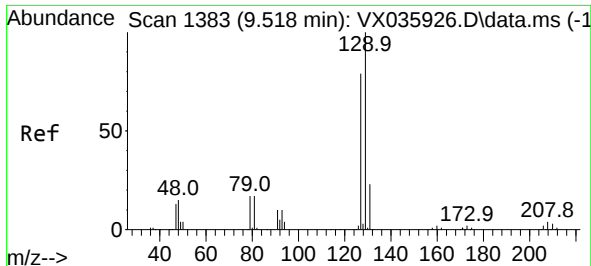
Tgt Ion: 43 Resp: 743342

Ion Ratio Lower Upper

43 100

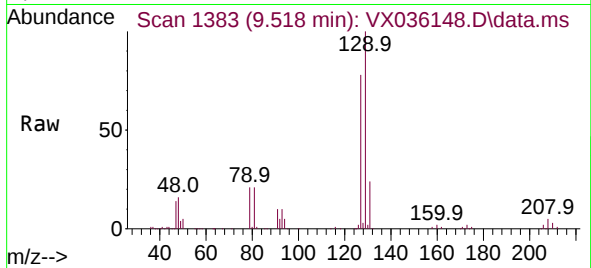
58 51.4 26.3 78.8





#60
Dibromochloromethane
Concen: 52.808 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

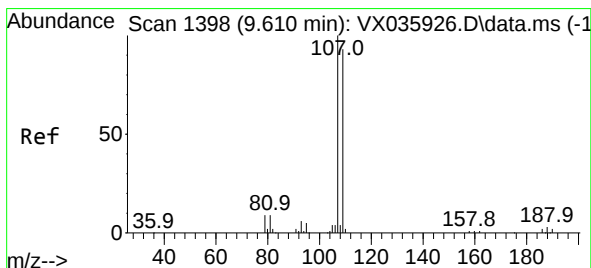
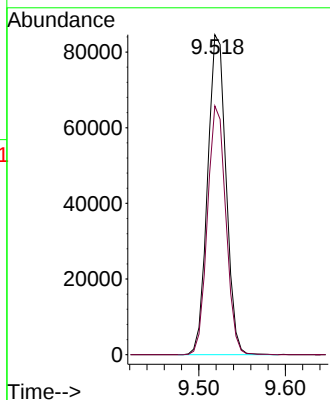
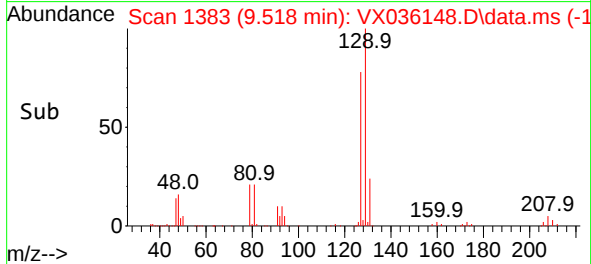
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion:129 Resp: 124894
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1

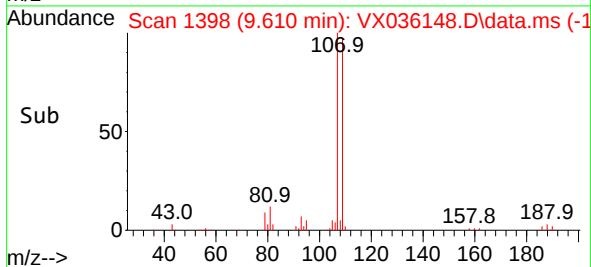
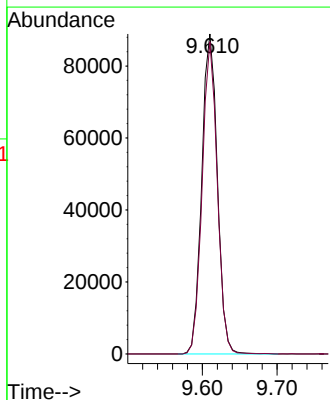
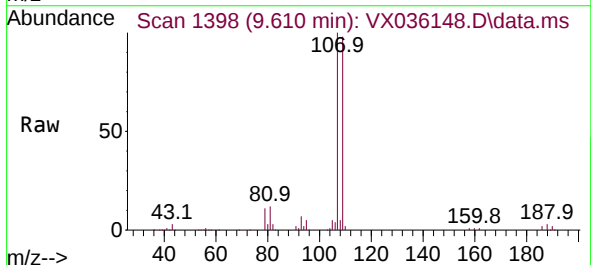
Manual Integrations
APPROVED

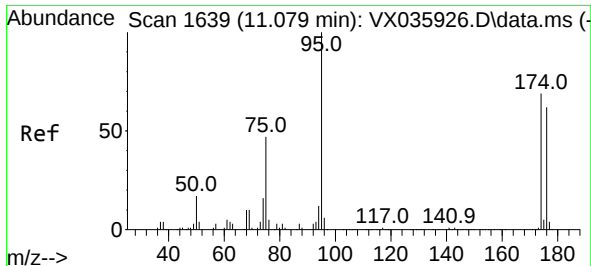
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#61
1,2-Dibromoethane
Concen: 51.699 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

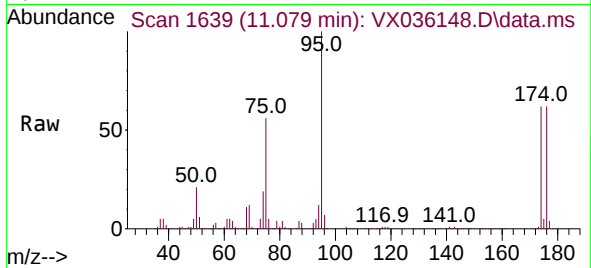
Tgt Ion:107 Resp: 128763
Ion Ratio Lower Upper
107 100
109 94.3 74.8 112.2





#62
4-Bromofluorobenzene
Concen: 50.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

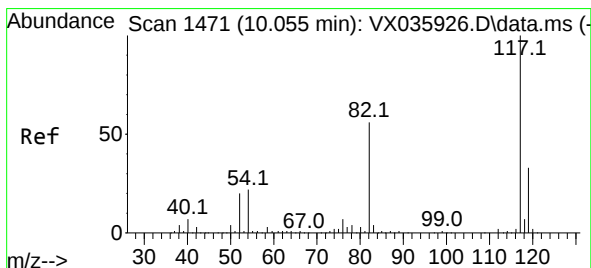
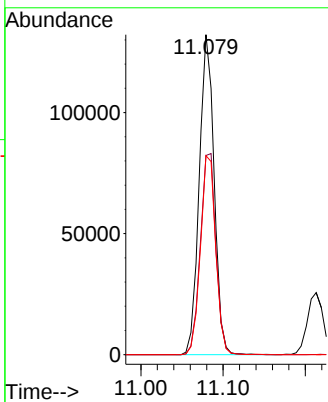
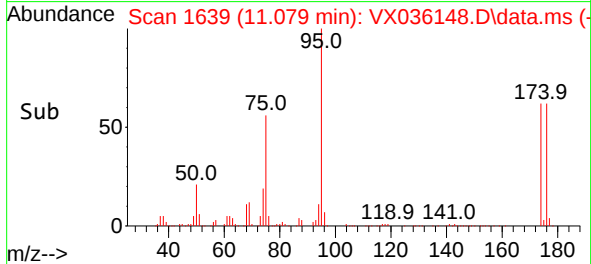
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



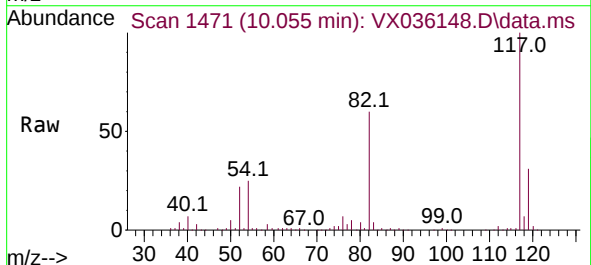
Tgt Ion: 95 Resp: 165780
Ion Ratio Lower Upper
95 100
174 65.8 0.0 132.6
176 63.8 0.0 128.0

Manual Integrations
APPROVED

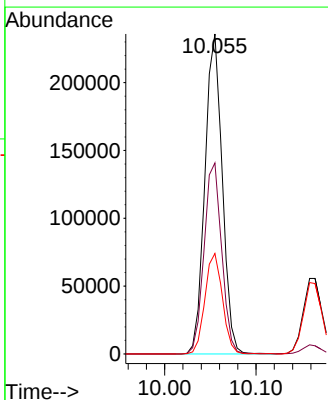
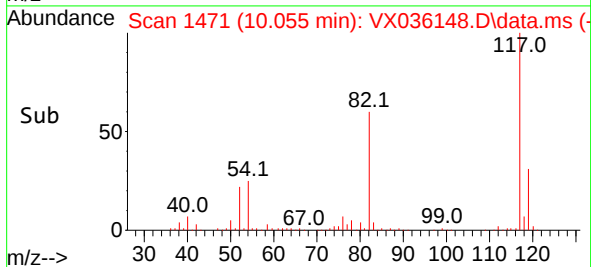
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

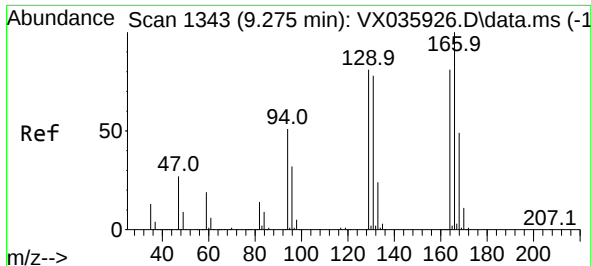


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



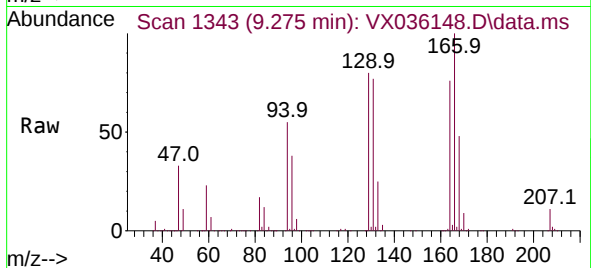
Tgt Ion:117 Resp: 310623
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 31.4 25.4 38.2





#64
Tetrachloroethene
Concen: 44.077 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

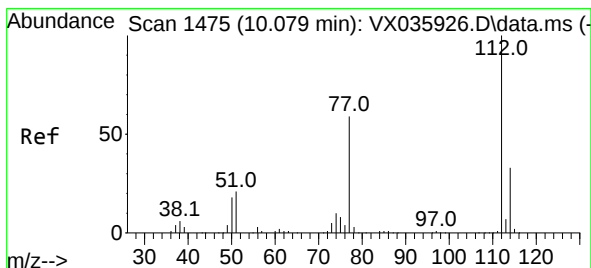
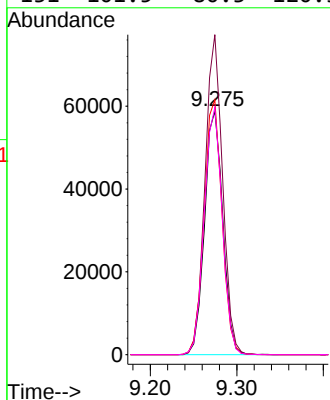
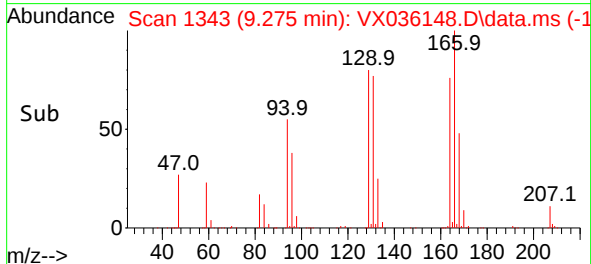
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion:164 Resp: 86038
Ion Ratio Lower Upper
164 100
166 131.4 104.4 156.6
129 104.7 82.0 123.0
131 101.5 80.3 120.5

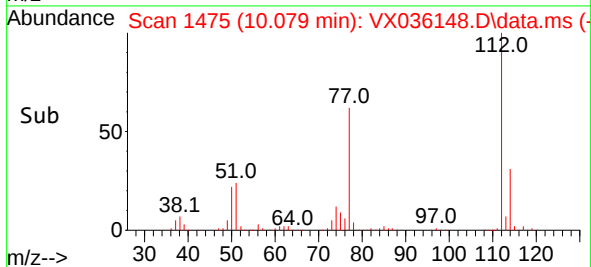
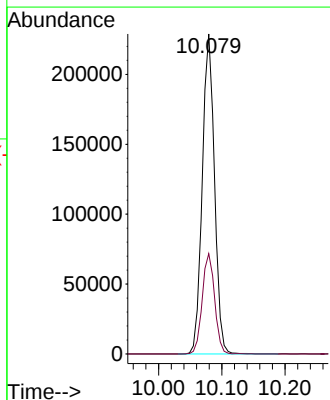
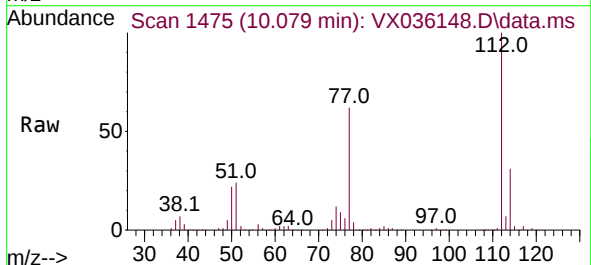
Manual Integrations
APPROVED

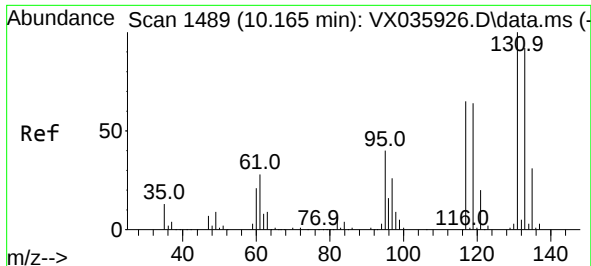
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#65
Chlorobenzene
Concen: 49.147 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

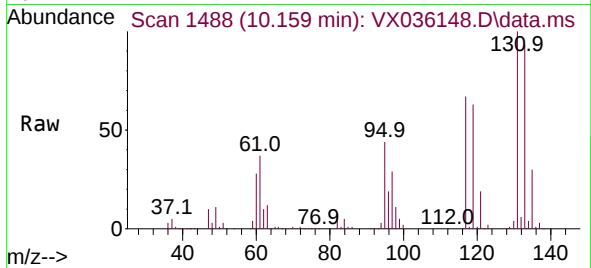
Tgt Ion:112 Resp: 308036
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8





#66
1,1,1,2-Tetrachloroethane
Concen: 53.728 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

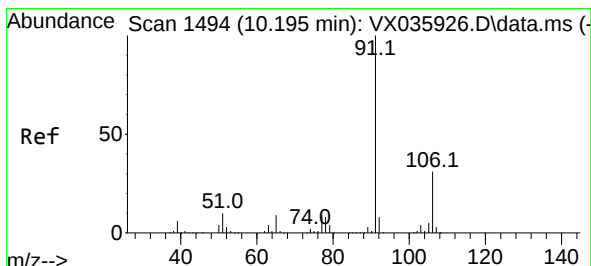
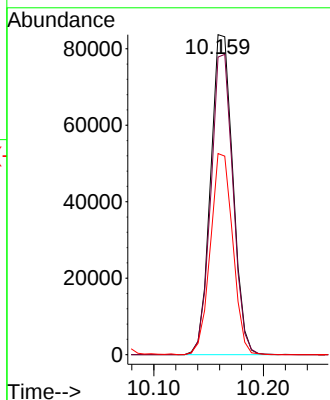
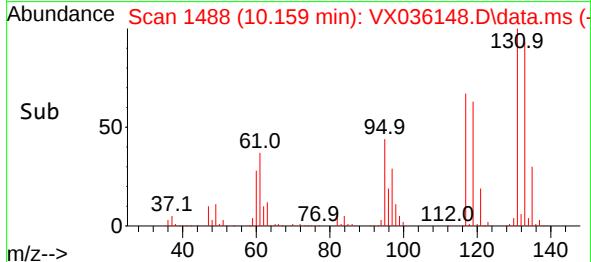
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion:131 Resp: 118438
Ion Ratio Lower Upper
131 100
133 93.2 48.1 144.3
119 62.7 32.1 96.5

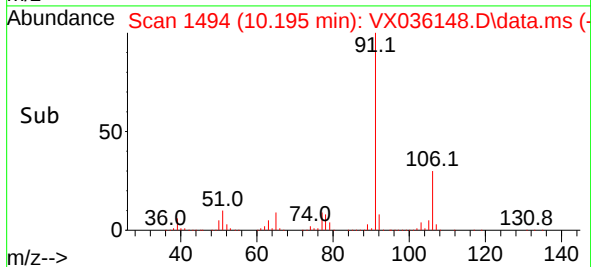
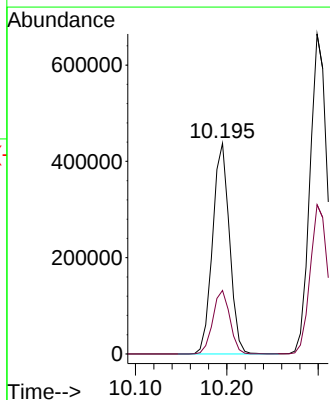
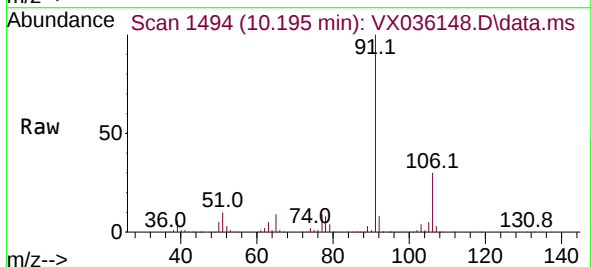
Manual Integrations
APPROVED

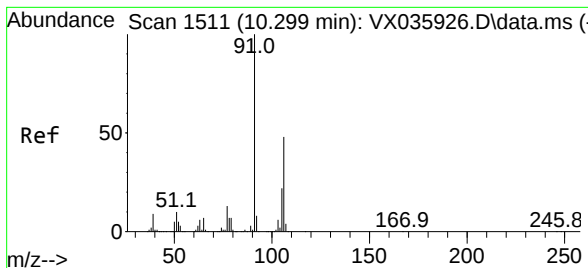
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#67
Ethyl Benzene
Concen: 50.290 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

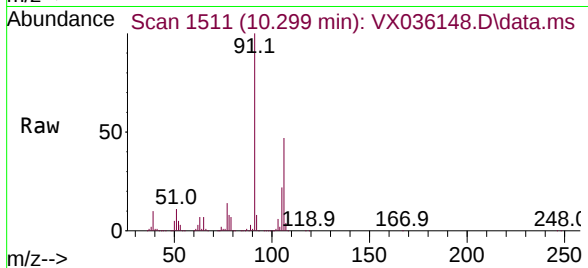
Tgt Ion: 91 Resp: 560981
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0





#68
m/p-Xylenes
Concen: 97.882 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

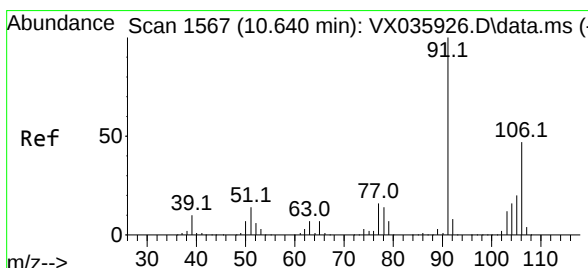
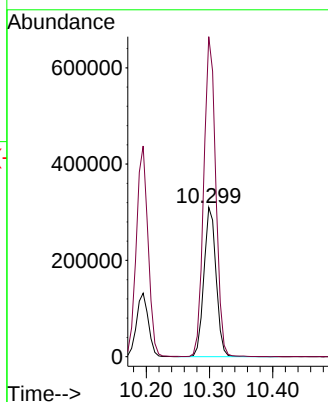
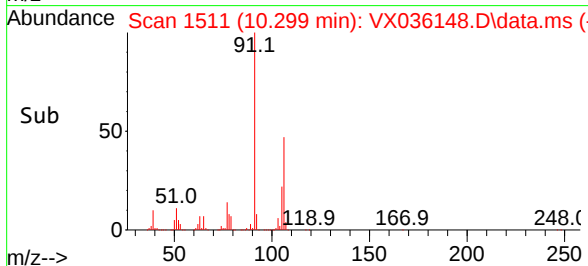
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



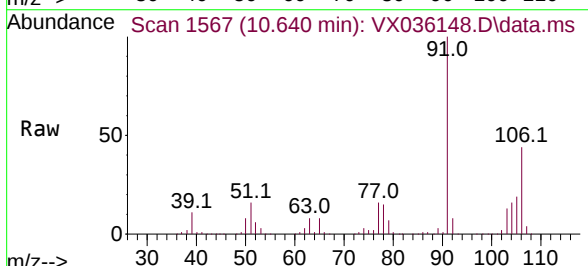
Tgt Ion:106 Resp: 414220
Ion Ratio Lower Upper
106 100
91 212.3 169.8 254.8

Manual Integrations
APPROVED

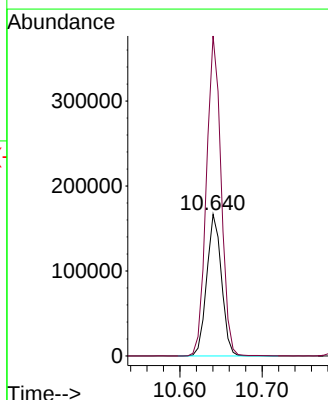
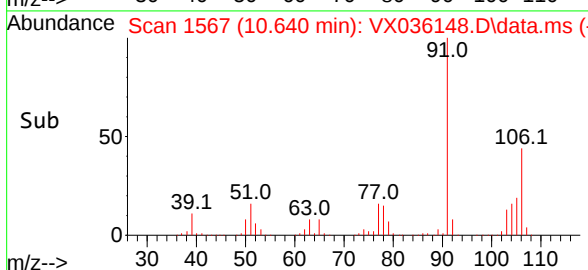
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

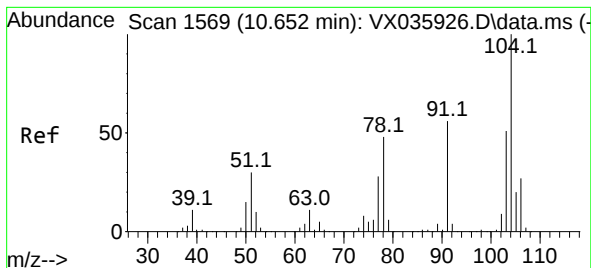


#69
o-Xylene
Concen: 48.846 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



Tgt Ion:106 Resp: 207720
Ion Ratio Lower Upper
106 100
91 225.1 112.5 337.4





#70

Styrene

Concen: 51.013 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

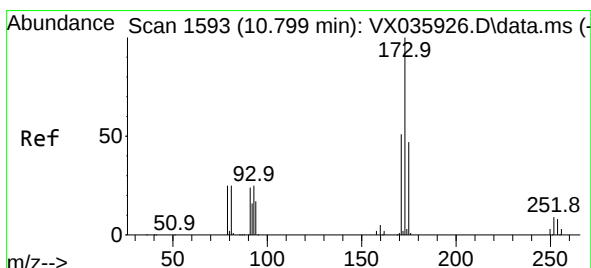
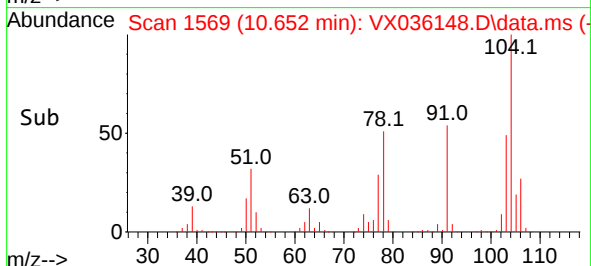
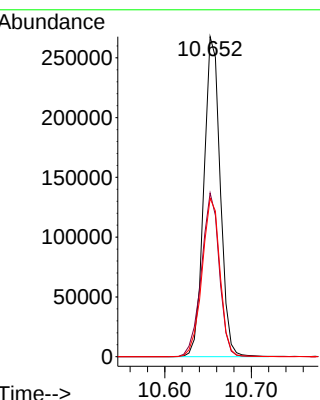
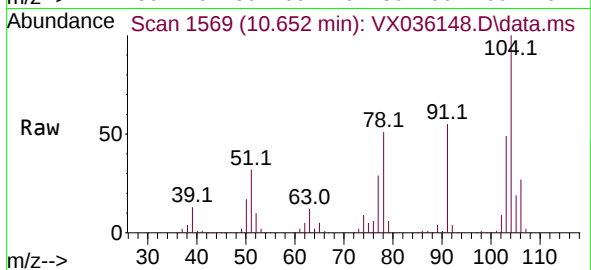
ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion:104 Resp: 35052
 Ion Ratio Lower Upper
 104 100
 78 56.1 44.7 67.1
 103 54.2 44.0 66.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#71

Bromoform

Concen: 51.930 ug/l

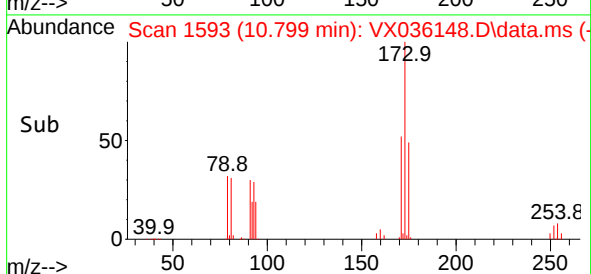
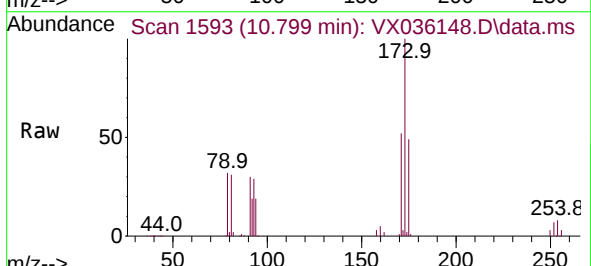
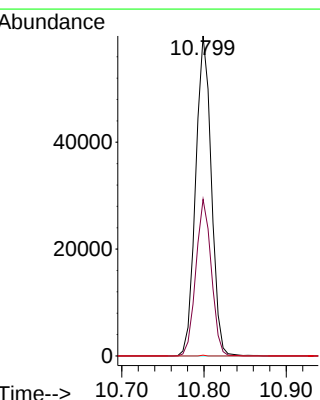
RT: 10.799 min Scan# 1593

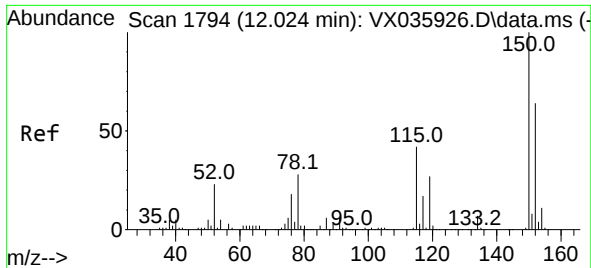
Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

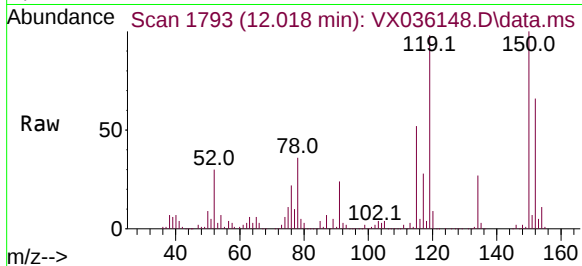
Tgt Ion:173 Resp: 79282
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.2 72.6
 254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

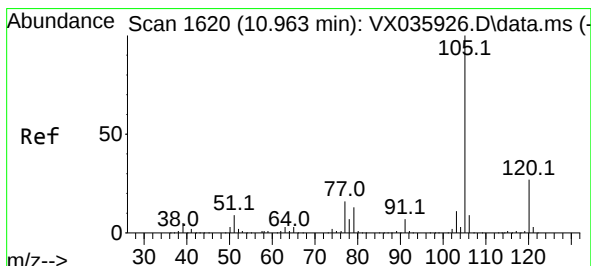
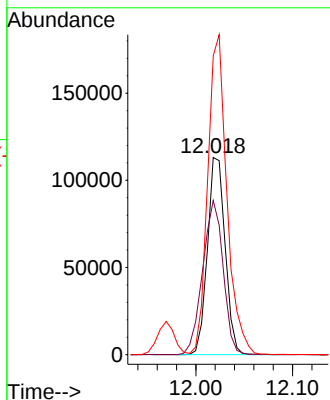
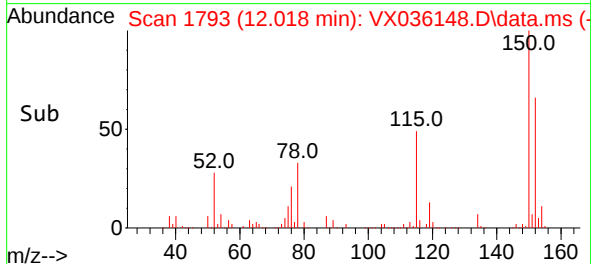
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



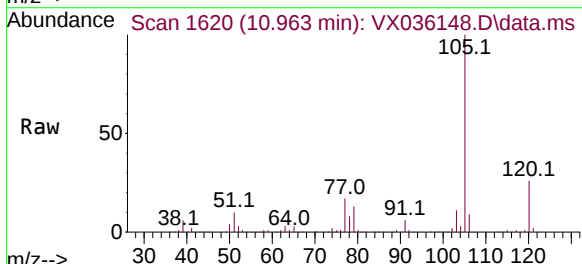
Tgt Ion:152 Resp: 14423
Ion Ratio Lower Upper
152 100
115 90.5 45.5 136.5
150 175.3 0.0 345.2

Manual Integrations
APPROVED

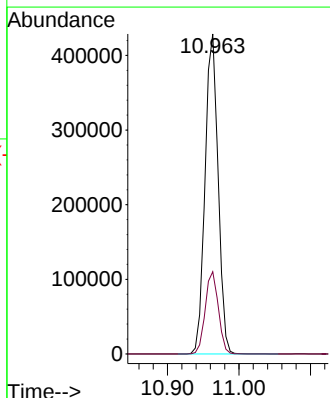
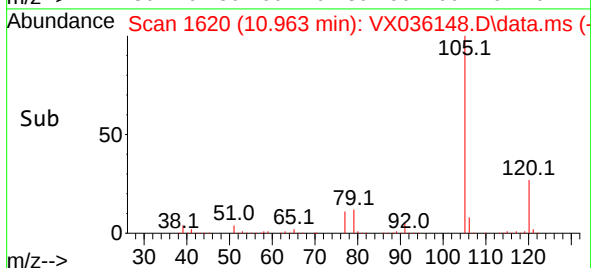
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

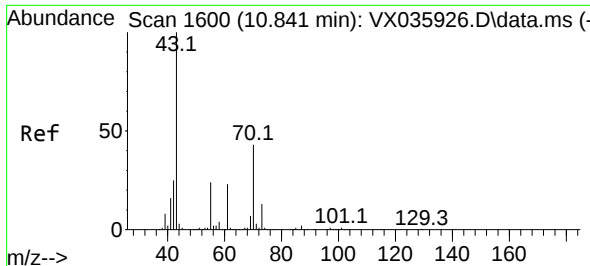


#73
Isopropylbenzene
Concen: 51.865 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



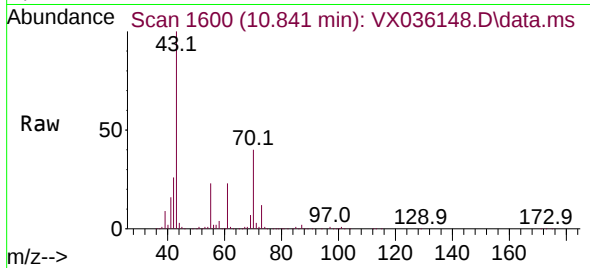
Tgt Ion:105 Resp: 543603
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.0





#74
N-ethyl acetate
Concen: 55.728 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

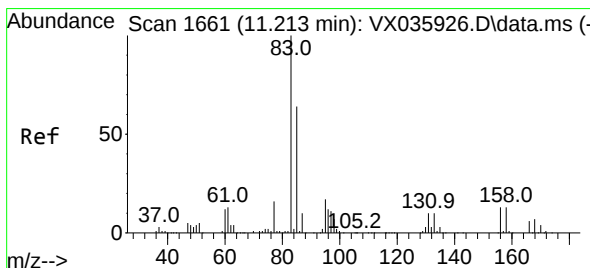
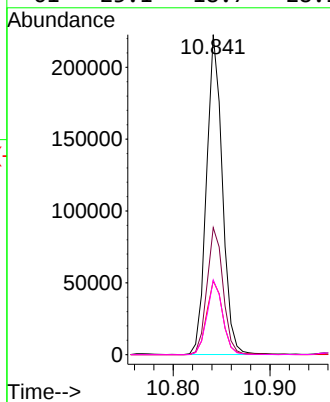
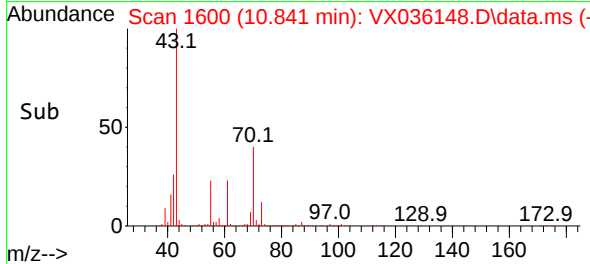
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion: 43 Resp: 254589
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 23.7 19.0 28.4
61 23.1 18.7 28.1

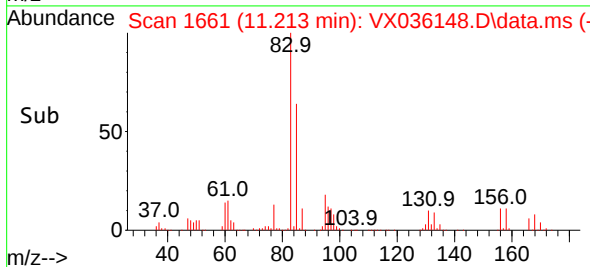
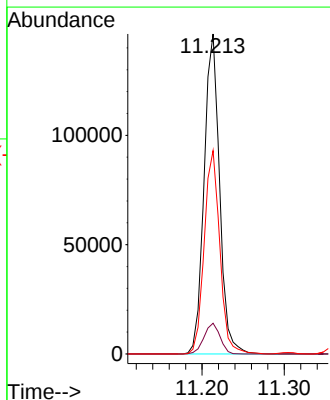
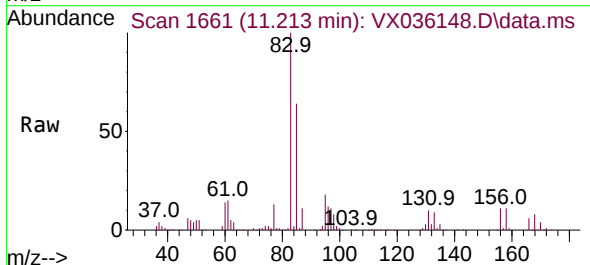
Manual Integrations
APPROVED

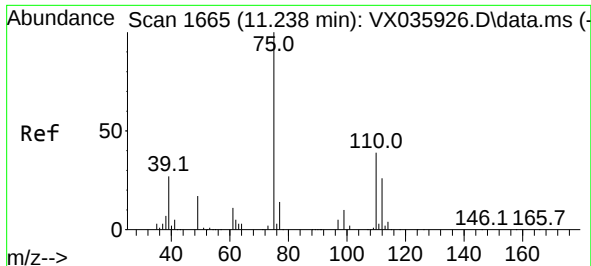
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 53.361 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

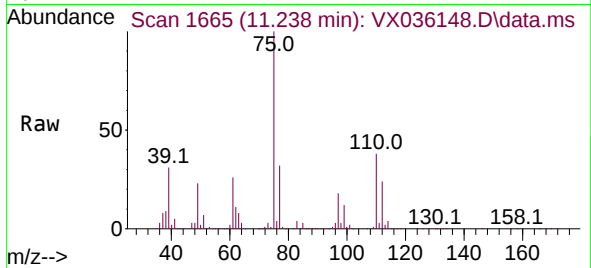
Tgt Ion: 83 Resp: 191316
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.0 32.4 97.0





#76
1,2,3-Trichloropropane
Concen: 50.831 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

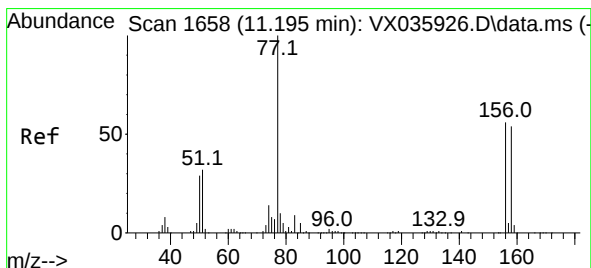
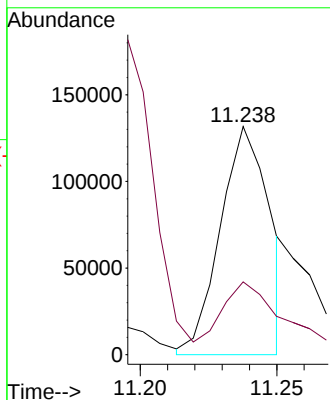
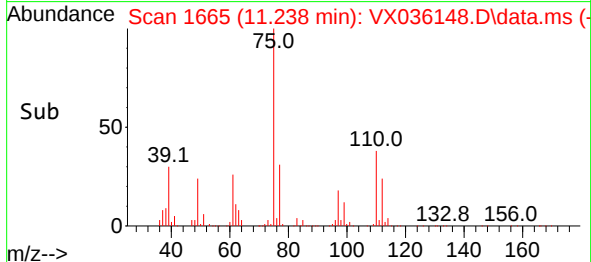
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



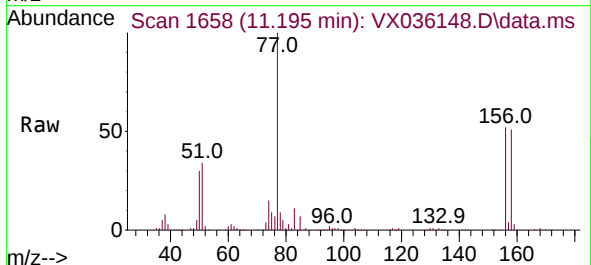
Tgt Ion: 75 Resp: 16535
Ion Ratio Lower Upper
75 100
77 41.6 21.4 64.2

Manual Integrations
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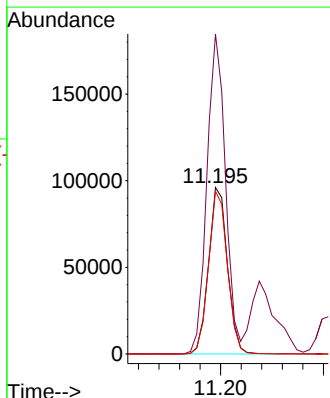
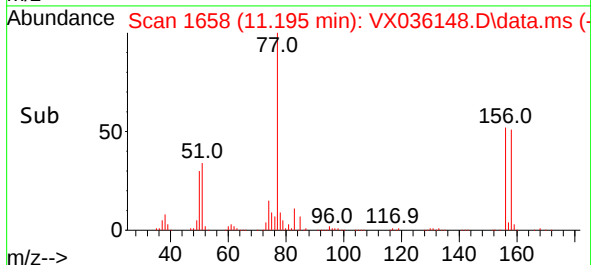
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

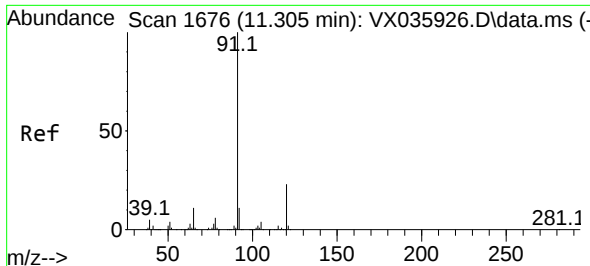


#77
Bromobenzene
Concen: 47.419 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



Tgt Ion:156 Resp: 122907
Ion Ratio Lower Upper
156 100
77 188.4 90.8 272.3
158 97.3 47.4 142.3





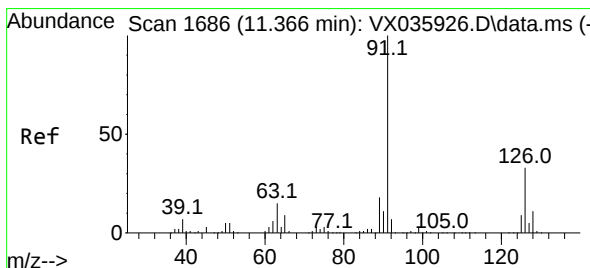
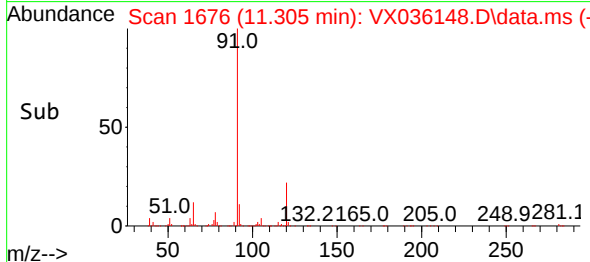
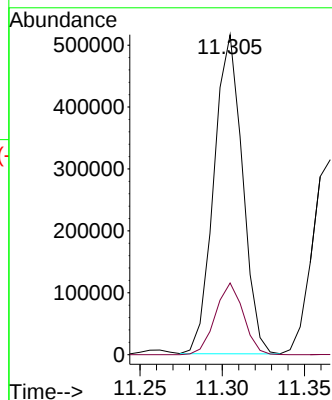
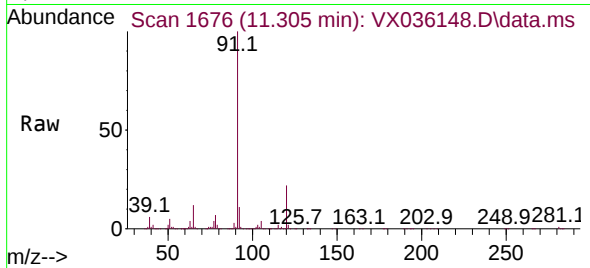
#78
n-propylbenzene
Concen: 52.659 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion: 91 Resp: 622944
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

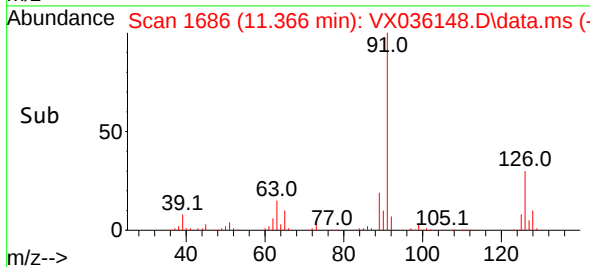
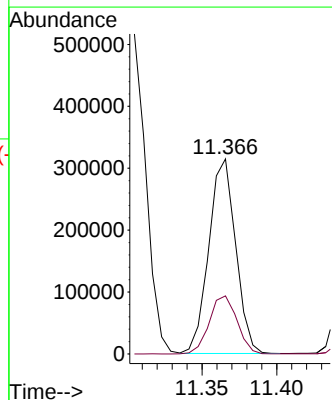
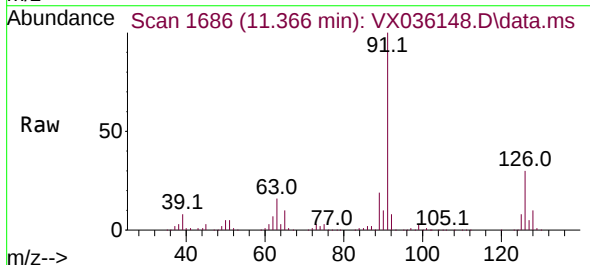
Manual Integrations
APPROVED

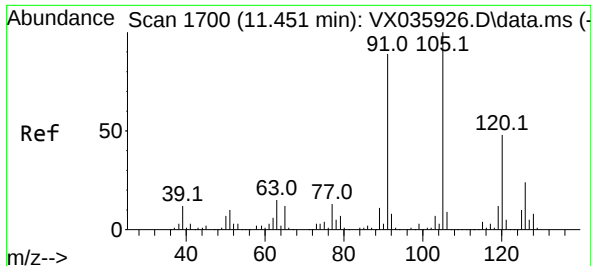
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#79
2-Chlorotoluene
Concen: 51.025 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

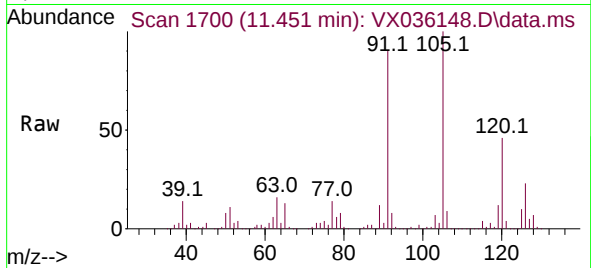
Tgt Ion: 91 Resp: 393104
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4





#80
1,3,5-Trimethylbenzene
Concen: 52.014 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

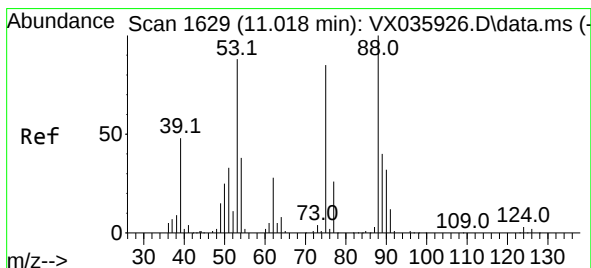
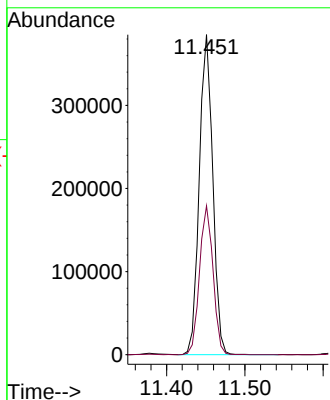
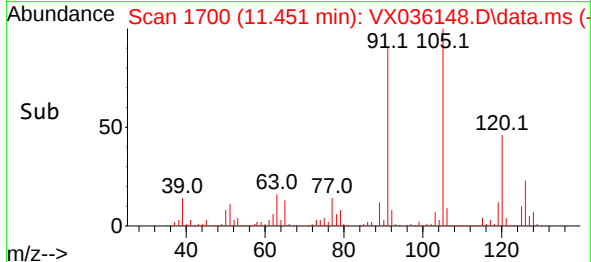
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



Tgt Ion:105 Resp: 459634
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.4

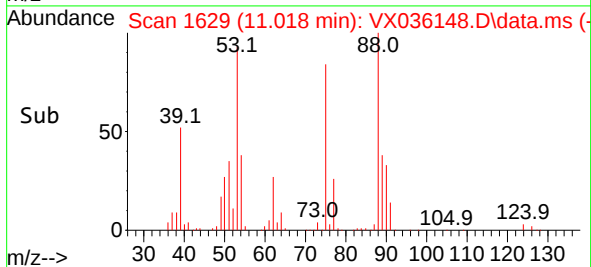
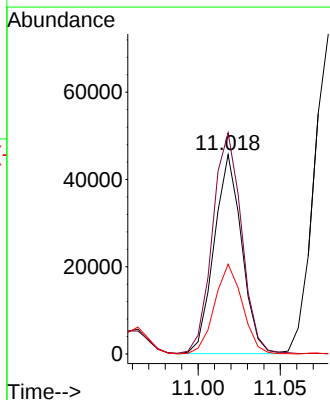
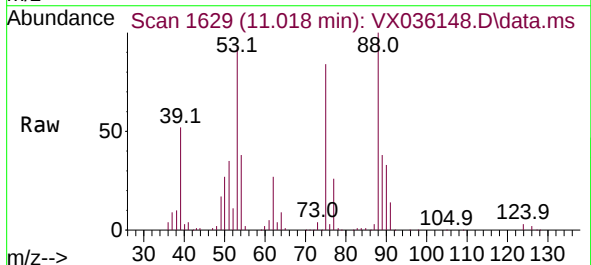
Manual Integrations
APPROVED

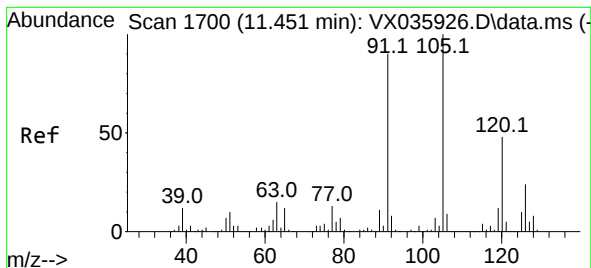
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#81
trans-1,4-Dichloro-2-butene
Concen: 55.084 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion: 75 Resp: 53200
Ion Ratio Lower Upper
75 100
53 117.3 95.2 142.8
89 45.7 38.0 57.0





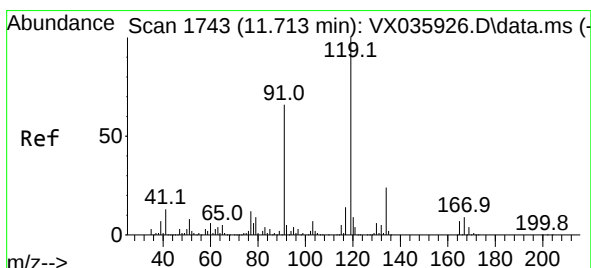
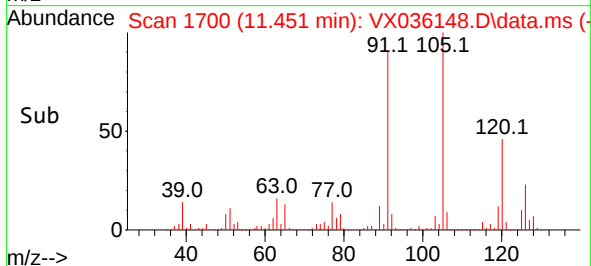
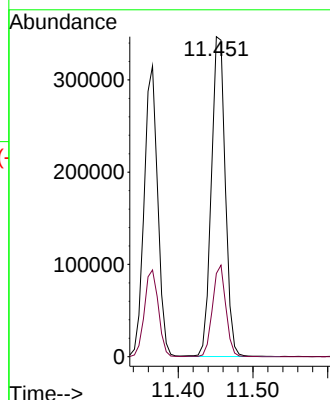
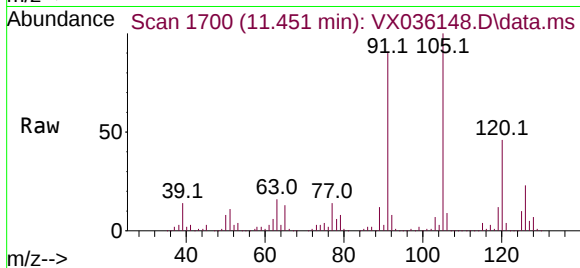
#82
4-Chlorotoluene
Concen: 50.981 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion: 91 Resp: 45080
Ion Ratio Lower Upper
91 100
126 27.4 13.7 41.0

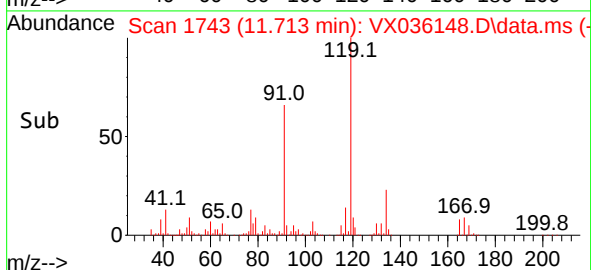
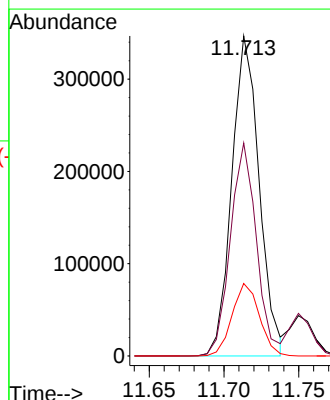
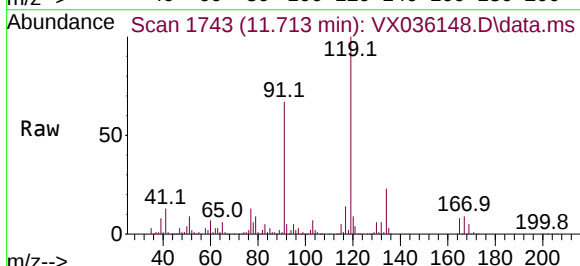
Manual Integrations
APPROVED

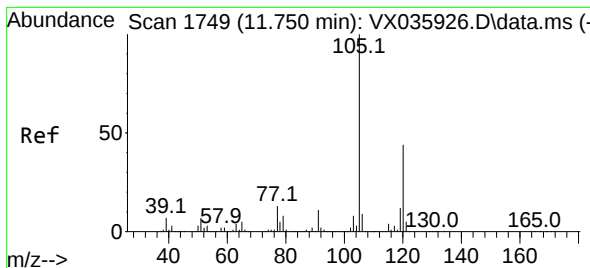
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#83
tert-Butylbenzene
Concen: 52.260 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:119 Resp: 441201
Ion Ratio Lower Upper
119 100
91 63.5 32.4 97.0
134 22.6 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 50.180 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

Tgt Ion:105 Resp: 45508

Ion Ratio Lower Upper

105 100

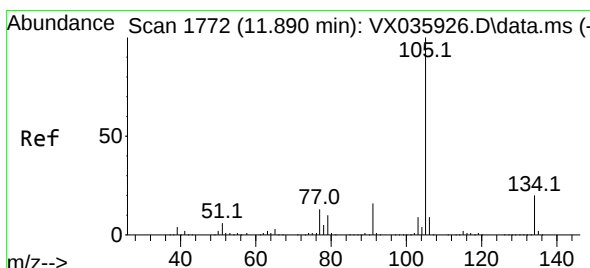
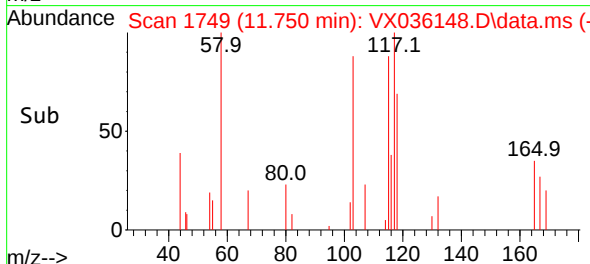
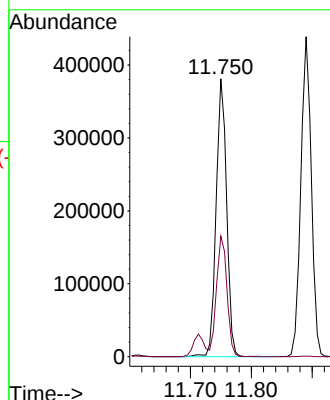
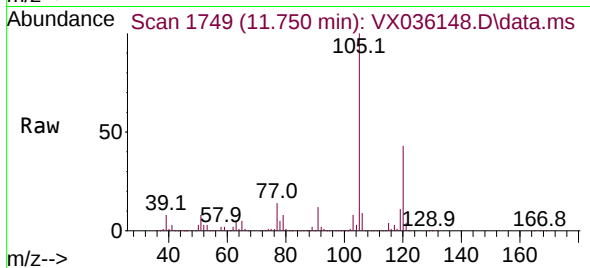
120 43.2 21.6 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#85

sec-Butylbenzene

Concen: 52.313 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX036148.D

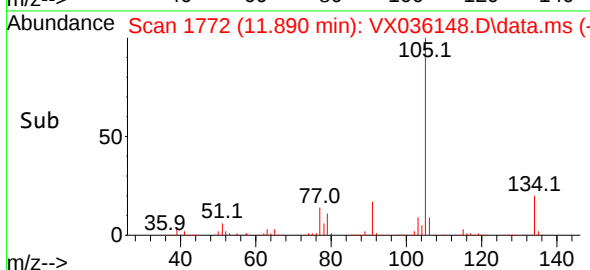
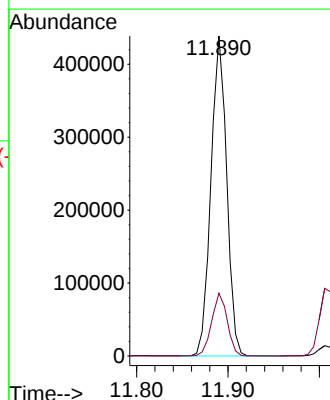
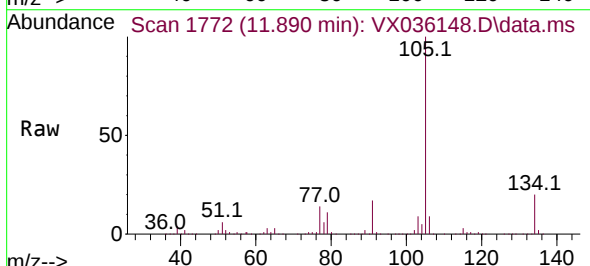
Acq: 13 Jun 2023 16:49

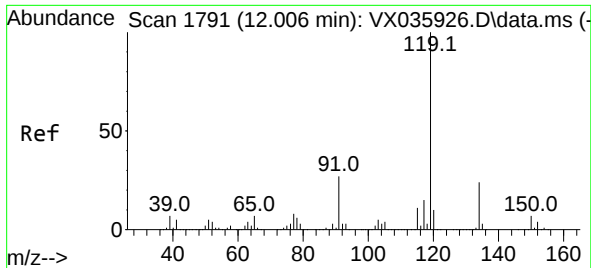
Tgt Ion:105 Resp: 523849

Ion Ratio Lower Upper

105 100

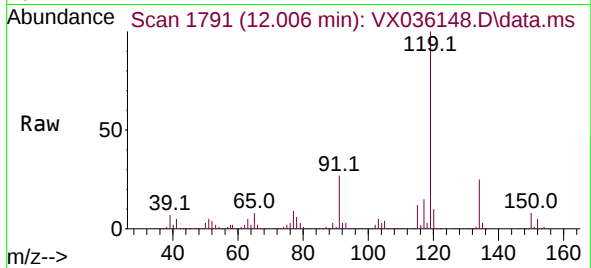
134 19.4 9.7 28.9





#86
 p-Isopropyltoluene
 Concen: 51.695 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

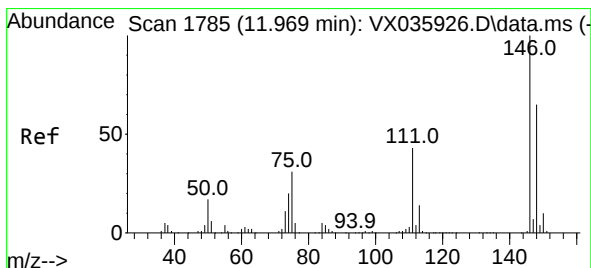
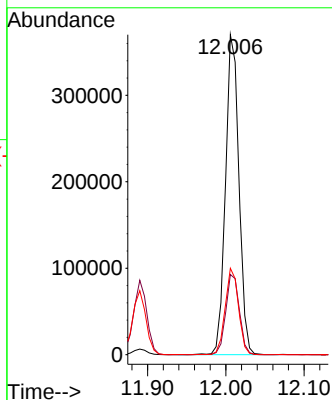
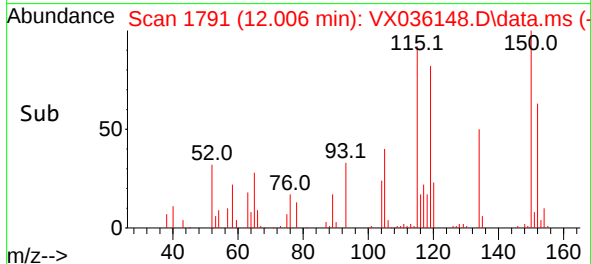
Instrument : MSVOA_X
 ClientSampleId : OW-06B-74-79-061223MSD



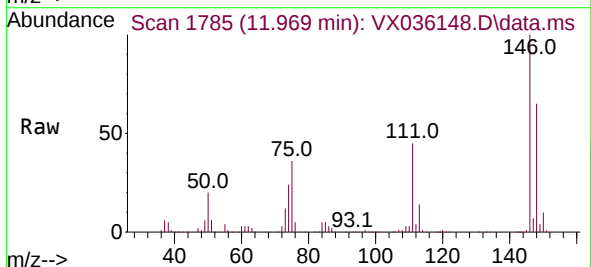
Tgt Ion:119 Resp: 442570
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 26.6 13.5 40.5

Manual Integrations
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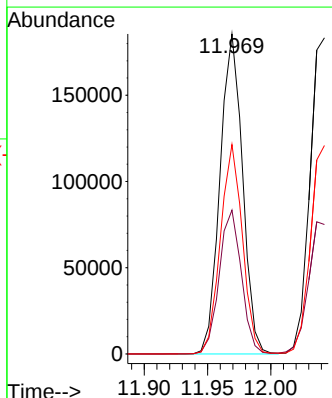
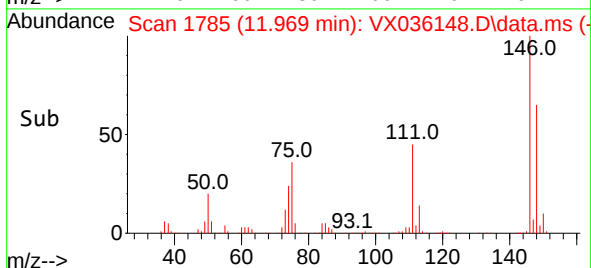
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

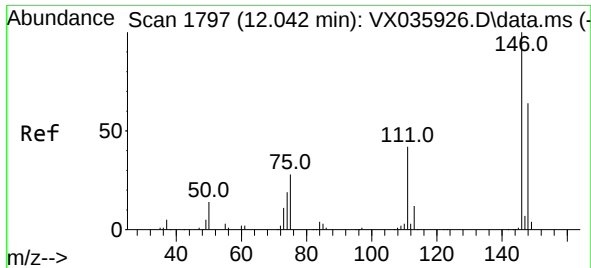


#87
 1,3-Dichlorobenzene
 Concen: 48.281 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49



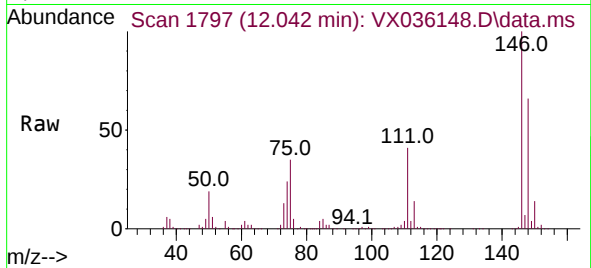
Tgt Ion:146 Resp: 229237
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.6 67.7
 148 63.9 31.9 95.7





#88
1,4-Dichlorobenzene
Concen: 46.454 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

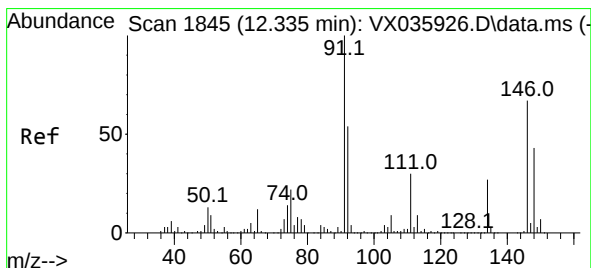
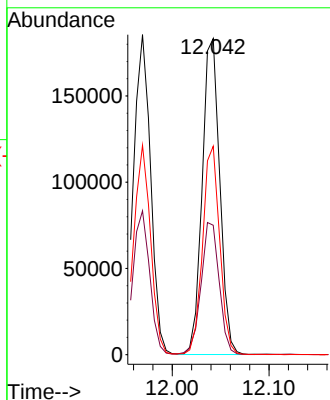
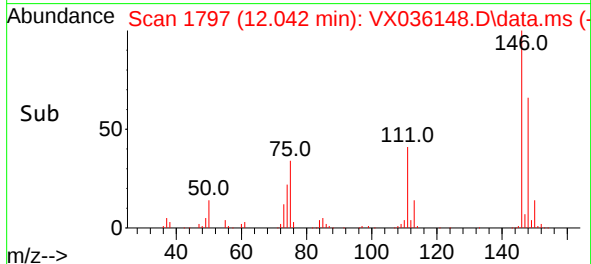
Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD



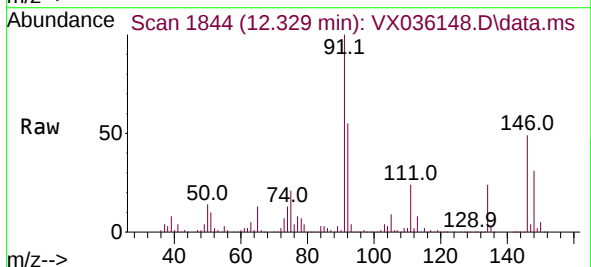
Tgt Ion:146 Resp: 23234
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.3
148 64.2 31.9 95.7

Manual Integrations
APPROVED

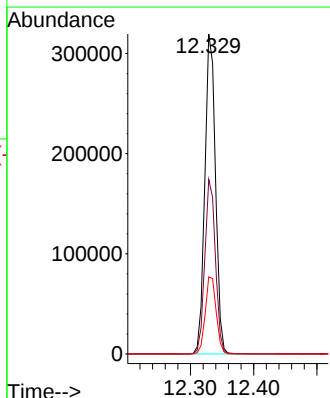
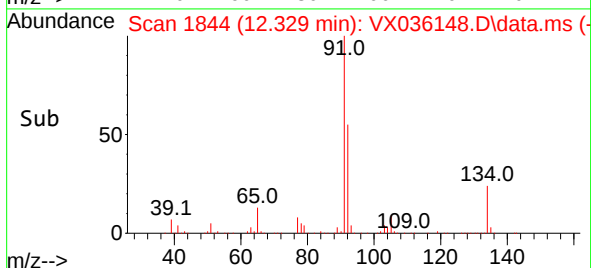
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

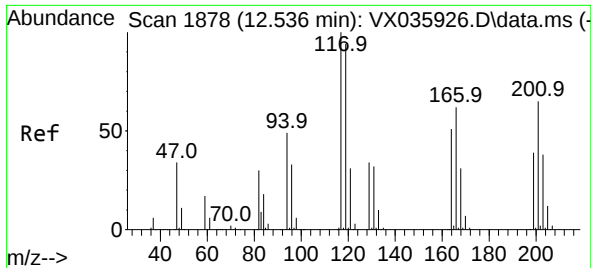


#89
n-Butylbenzene
Concen: 51.926 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49



Tgt Ion: 91 Resp: 375575
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.8
134 24.7 12.4 37.0





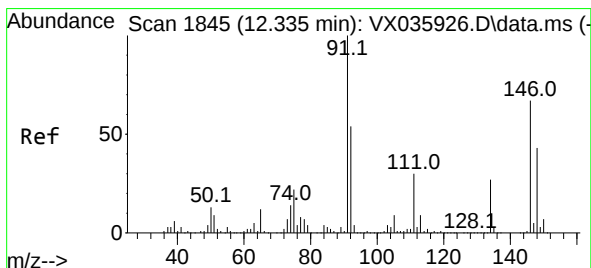
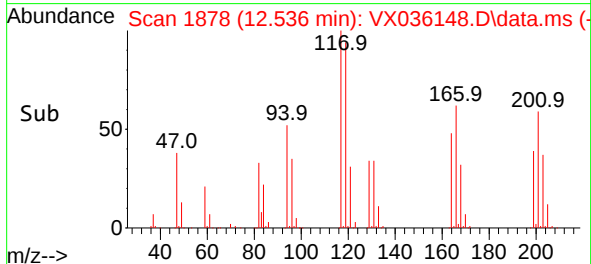
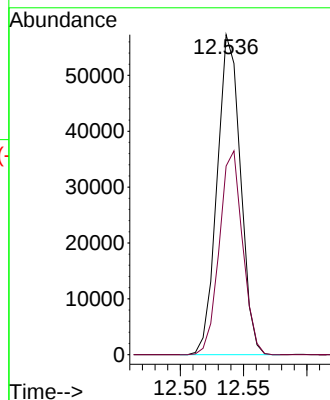
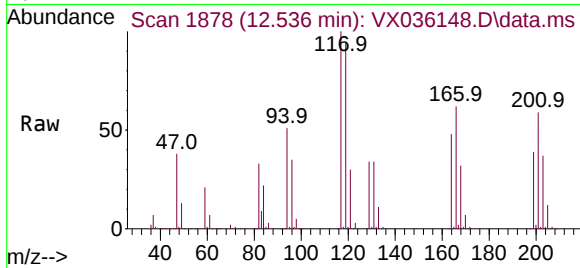
#90
Hexachloroethane
Concen: 54.263 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
OW-06B-74-79-061223MSD

Tgt Ion:117 Resp: 73668
Ion Ratio Lower Upper
117 100
201 63.4 32.7 98.1

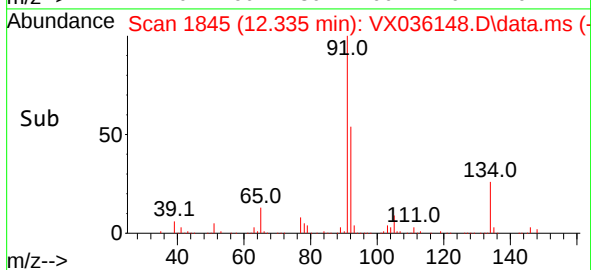
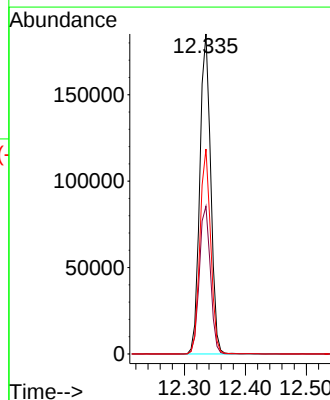
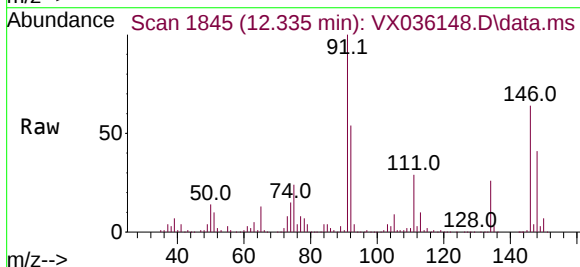
Manual Integrations
APPROVED

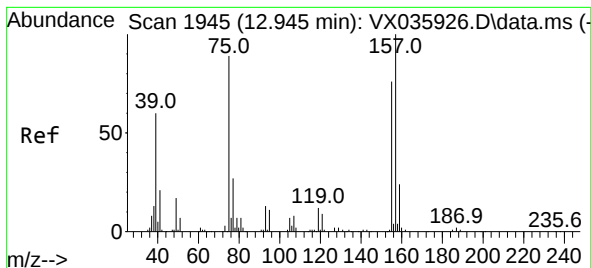
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#91
1,2-Dichlorobenzene
Concen: 48.523 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036148.D
Acq: 13 Jun 2023 16:49

Tgt Ion:146 Resp: 229342
Ion Ratio Lower Upper
146 100
111 46.7 23.3 69.9
148 63.2 31.9 95.7





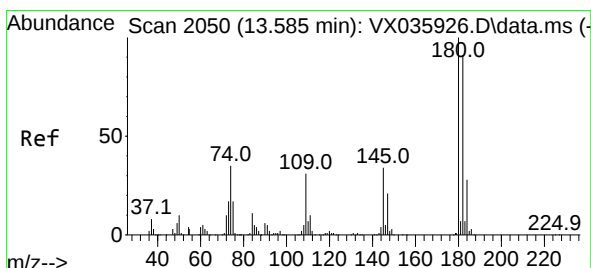
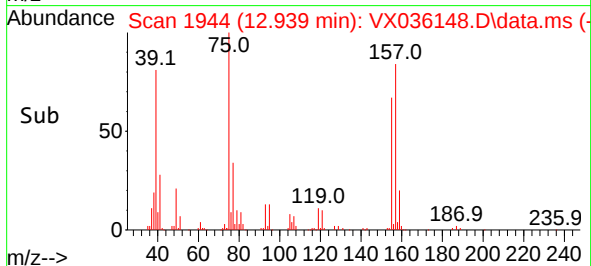
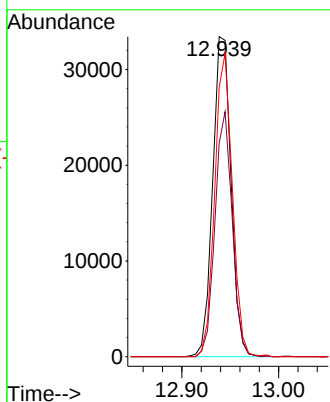
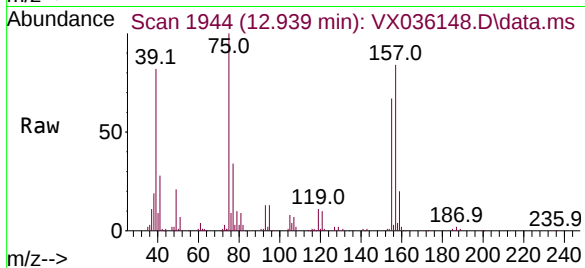
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.625 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.005 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MSD

Tgt Ion: 75 Resp: 4411
 Ion Ratio Lower Upper
 75 100
 155 71.8 35.3 105.7
 157 90.8 45.6 136.8

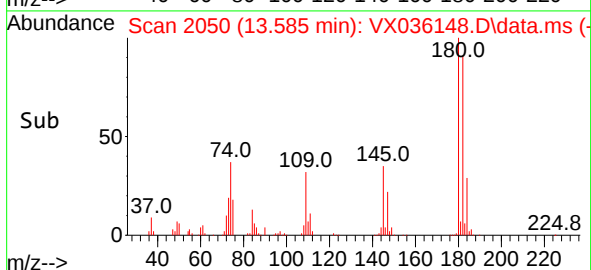
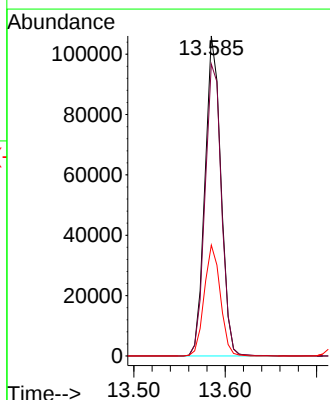
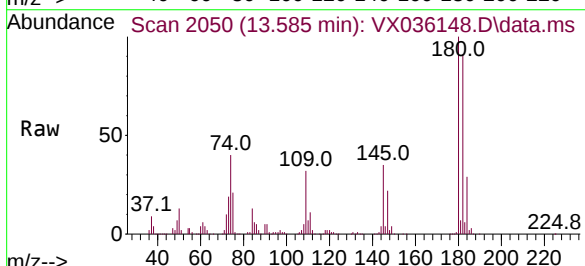
Manual Integrations
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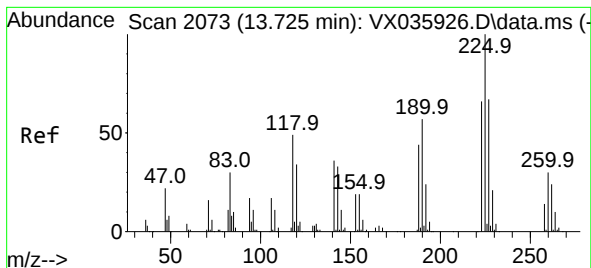
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#93
 1,2,4-Trichlorobenzene
 Concen: 46.498 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

Tgt Ion:180 Resp: 127895
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.8
 145 35.0 17.3 51.9





#94

Hexachlorobutadiene

Concen: 46.169 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

OW-06B-74-79-061223MSD

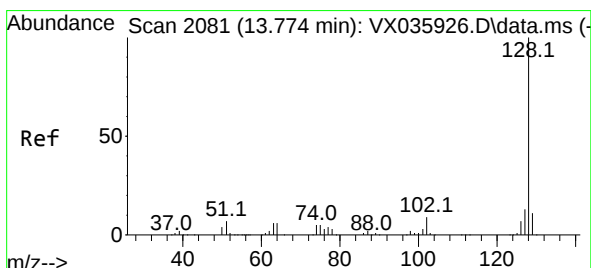
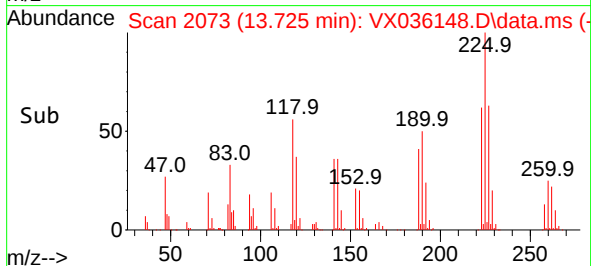
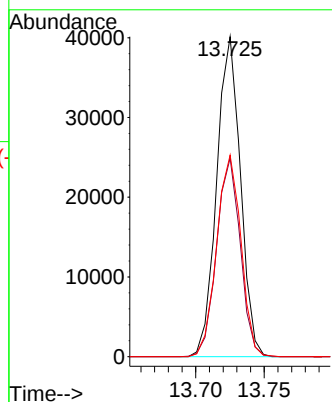
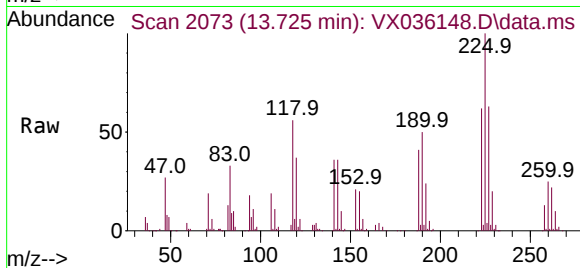
Tgt Ion:	225	Resp:	4830
Ion Ratio	Lower	Upper	
225	100		
223	61.7	32.6	97.7
227	64.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#95

Naphthalene

Concen: 51.880 ug/l

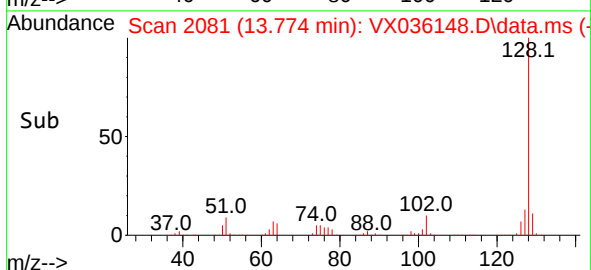
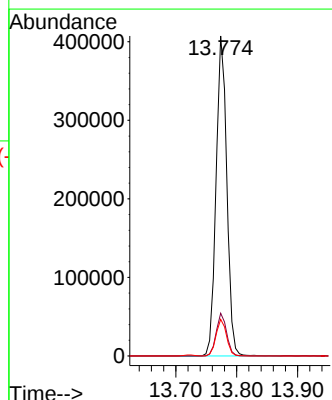
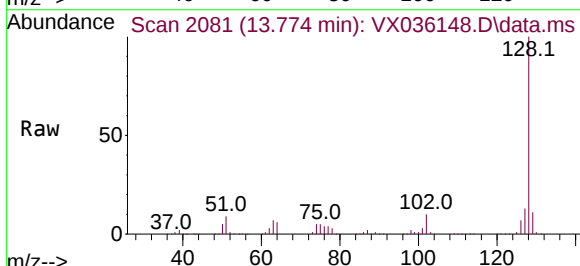
RT: 13.774 min Scan# 2081

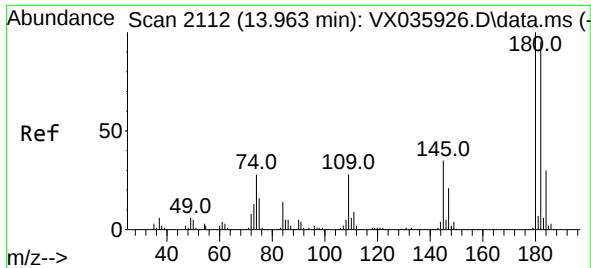
Delta R.T. -0.000 min

Lab File: VX036148.D

Acq: 13 Jun 2023 16:49

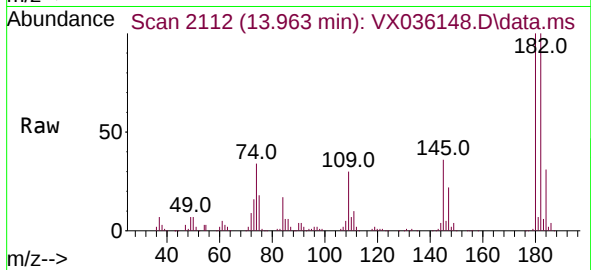
Tgt Ion:	128	Resp:	496659
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.2	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 47.815 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX036148.D
 Acq: 13 Jun 2023 16:49

Instrument : MSVOA_X
 ClientSampleId :
 OW-06B-74-79-061223MSD



Tgt Ion:180 Resp: 129730
 Ion Ratio Lower Upper
 180 100
 182 96.5 46.9 140.7
 145 36.7 18.1 54.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

