

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036902.D
 Acq On : 10 Aug 2023 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:40:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	154876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	259888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108112	47.177	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.360%		
35) Dibromofluoromethane	5.379	113	92563	51.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.640%		
50) Toluene-d8	8.647	98	303088	47.846	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	123174	51.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107058	52.326	ug/l	100
3) Chloromethane	1.301	50	85851	46.134	ug/l	97
4) Vinyl Chloride	1.374	62	97502	51.463	ug/l	98
5) Bromomethane	1.599	94	60308	53.317	ug/l	98
6) Chloroethane	1.679	64	60444	65.620	ug/l	99
7) Trichlorofluoromethane	1.886	101	172154	58.840	ug/l	98
8) Diethyl Ether	2.130	74	60322	53.290	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	96896	55.123	ug/l	99
10) Methyl Iodide	2.453	142	112346	61.533	ug/l	95
11) Tert butyl alcohol	2.959	59	121705	224.330	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	90076	51.940	ug/l	88
13) Acrolein	2.233	56	78587	253.818	ug/l	98
14) Allyl chloride	2.660	41	149167	43.681	ug/l #	94
15) Acrylonitrile	3.062	53	256216	234.835	ug/l	99
16) Acetone	2.380	43	292643	307.742	ug/l	91
17) Carbon Disulfide	2.508	76	227455	47.521	ug/l	99
18) Methyl Acetate	2.697	43	183137	45.780	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	335617	51.499	ug/l	98
20) Methylene Chloride	2.788	84	101198	47.851	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	99931	51.558	ug/l	91
22) Diisopropyl ether	3.757	45	298858	46.092	ug/l #	87
23) Vinyl Acetate	3.715	43	1161843	233.597	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	183221	50.400	ug/l	97
25) 2-Butanone	4.550	43	388294	251.675	ug/l	90
26) 2,2-Dichloropropane	4.471	77	176177	51.431	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	118638	51.534	ug/l	92
28) Bromochloromethane	4.891	49	79436	45.181	ug/l	84
29) Tetrahydrofuran	5.001	42	225564	226.767	ug/l	88
30) Chloroform	5.086	83	197459	53.091	ug/l	100
31) Cyclohexane	5.464	56	150613	47.468	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	181563	53.277	ug/l	97
36) 1,1-Dichloropropene	5.690	75	142587	53.553	ug/l	98
37) Ethyl Acetate	4.708	43	141387	46.917	ug/l	95
38) Carbon Tetrachloride	5.672	117	159425	56.322	ug/l	98
39) Methylcyclohexane	7.379	83	161546	48.795	ug/l	90
40) Benzene	6.031	78	406261	52.445	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	75924	47.106	ug/l #	91
42) 1,2-Dichloroethane	6.080	62	156298	55.186	ug/l	96
43) Isopropyl Acetate	6.336	43	238699	46.015	ug/l #	94
44) Trichloroethene	7.123	130	113144	55.878	ug/l	96
45) 1,2-Dichloropropane	7.427	63	104541	50.546	ug/l	99
46) Dibromomethane	7.574	93	78872	54.489	ug/l	96
47) Bromodichloromethane	7.818	83	158700	53.413	ug/l	97
48) Methyl methacrylate	7.690	41	114376	47.411	ug/l #	88
49) 1,4-Dioxane	7.653	88	49080	1007.069	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	687913	239.633	ug/l	93
52) Toluene	8.714	92	266615	54.929	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	173996	51.813	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	182988	51.639	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	109171	53.506	ug/l	98
56) Ethyl methacrylate	9.116	69	171640	51.661	ug/l	90
57) 1,3-Dichloropropane	9.305	76	182693	53.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	372199	227.359	ug/l	95
59) 2-Hexanone	9.427	43	538652	252.826	ug/l	92
60) Dibromochloromethane	9.519	129	123106	54.895	ug/l	100
61) 1,2-Dibromoethane	9.610	107	117695	55.658	ug/l	99
64) Tetrachloroethene	9.275	164	99822	57.298	ug/l	99
65) Chlorobenzene	10.079	112	281580	54.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	110621	55.590	ug/l	99
67) Ethyl Benzene	10.189	91	507450	53.953	ug/l	100
68) m/p-Xylenes	10.299	106	388142	110.606	ug/l	98
69) o-Xylene	10.640	106	191537	54.681	ug/l	98
70) Styrene	10.653	104	317868	55.002	ug/l	98
71) Bromoform	10.799	173	86532	53.718	ug/l #	99
73) Isopropylbenzene	10.963	105	496209	51.075	ug/l	99
74) N-amyl acetate	10.842	43	197997	43.703	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	158926	48.433	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	139000m	50.340	ug/l	
77) Bromobenzene	11.195	156	117037	52.898	ug/l	94
78) n-propylbenzene	11.305	91	569917	50.723	ug/l	99
79) 2-Chlorotoluene	11.366	91	345728	50.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	419493	51.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	55501	45.558	ug/l	86
82) 4-Chlorotoluene	11.451	91	399792	51.536	ug/l	98
83) tert-Butylbenzene	11.713	119	397242	49.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	419273	51.582	ug/l	97
85) sec-Butylbenzene	11.890	105	492210	49.431	ug/l	99
86) p-Isopropyltoluene	12.006	119	418414	51.067	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	222006	54.176	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	219579	53.994	ug/l	99
89) n-Butylbenzene	12.329	91	359373	48.997	ug/l	99
90) Hexachloroethane	12.536	117	75795	45.631	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	213783	54.062	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36412	47.753	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	128662	52.810	ug/l	98
94) Hexachlorobutadiene	13.725	225	52139	51.730	ug/l	98
95) Naphthalene	13.774	128	457249	53.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127785	53.216	ug/l	99

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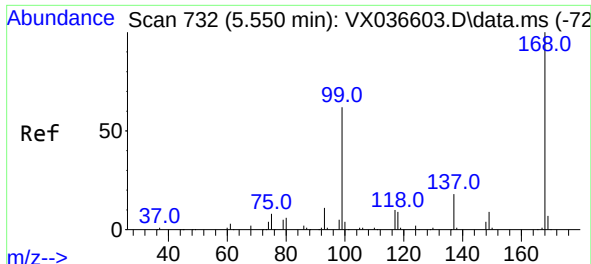
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

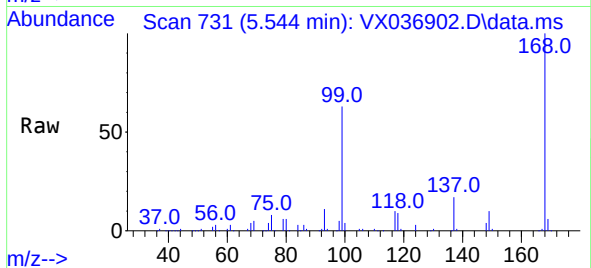
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036902.D
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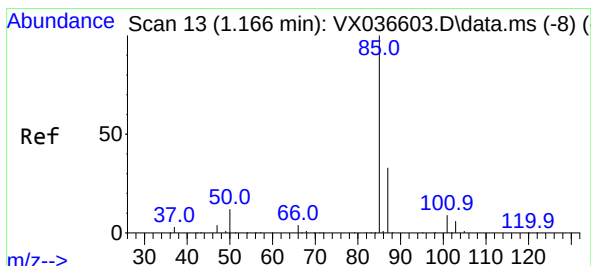
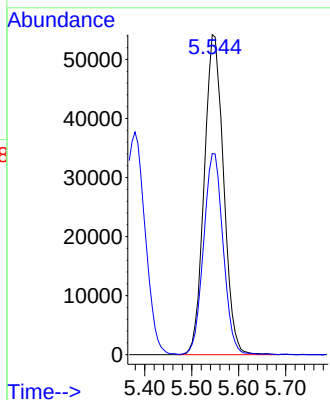
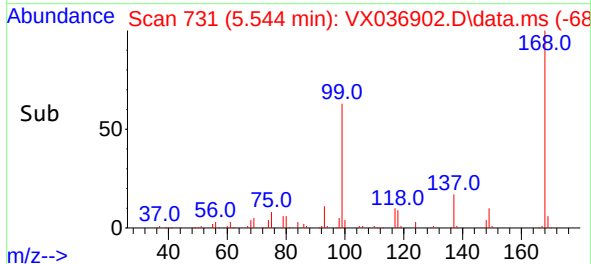
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 154870
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0

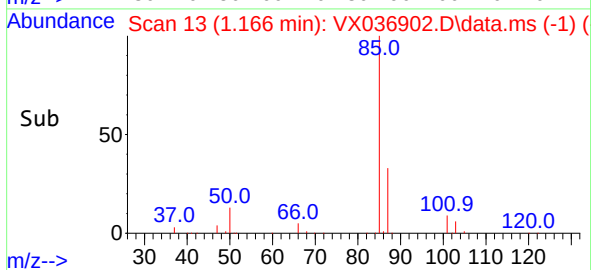
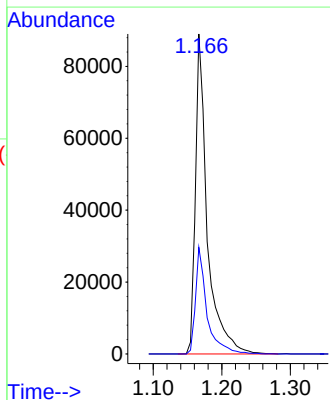
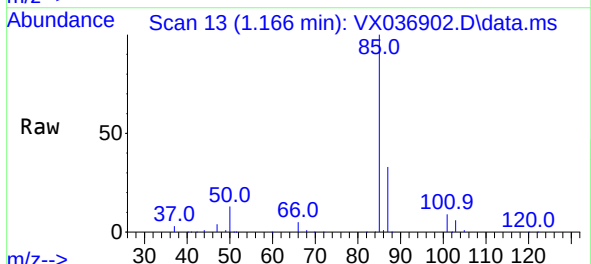
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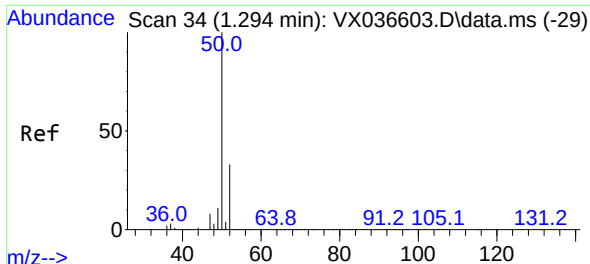
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#2
Dichlorodifluoromethane
Concen: 52.326 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

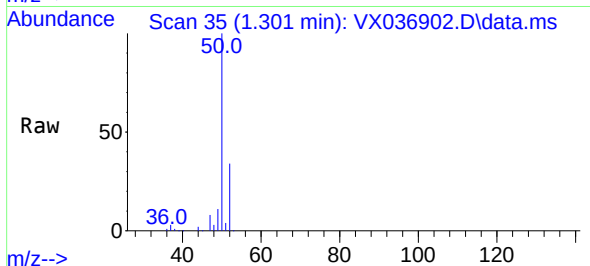
Tgt Ion: 85 Resp: 107058
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





#3
Chloromethane
Concen: 46.134 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

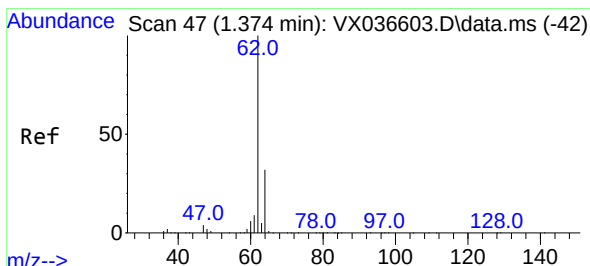
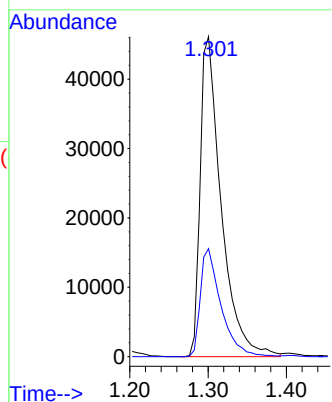
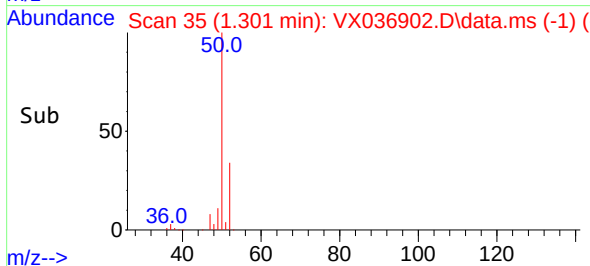
Instrument :
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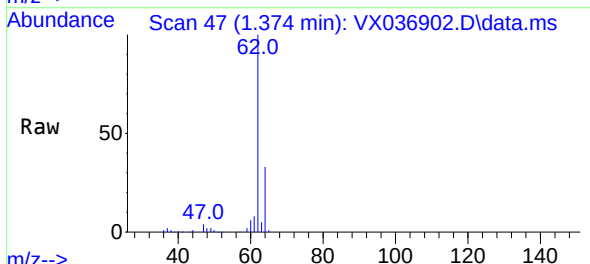
Tgt Ion: 50 Resp: 8585
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

Manual Integrations
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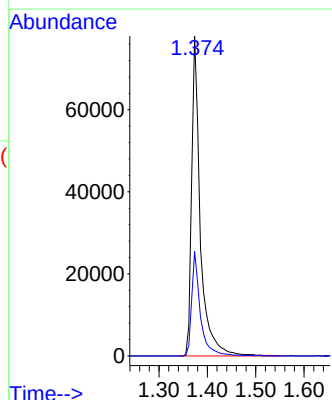
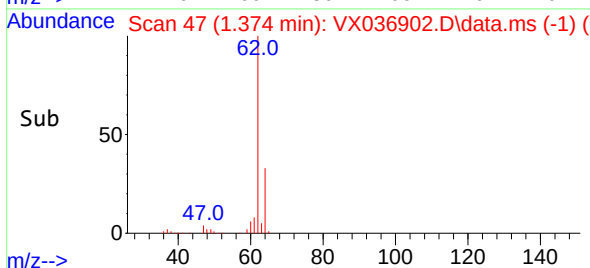
Reviewed By :John Carlone 08/11/2023
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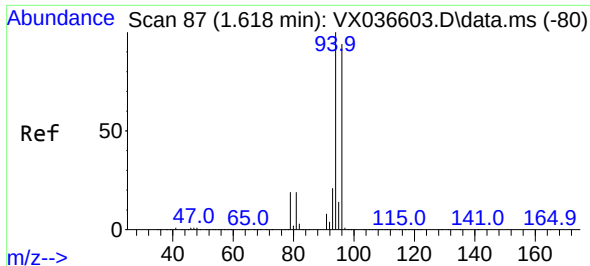


#4
Vinyl Chloride
Concen: 51.463 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



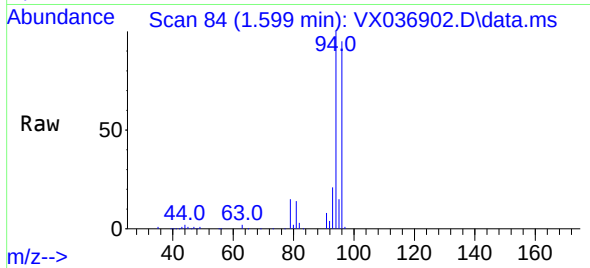
Tgt Ion: 62 Resp: 97502
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 53.317 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

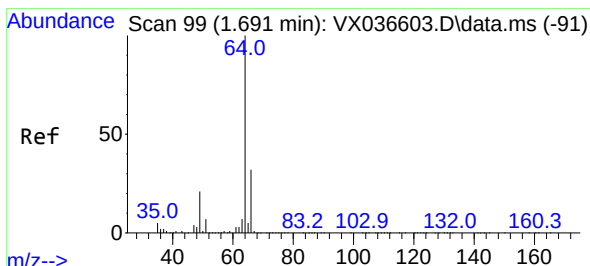
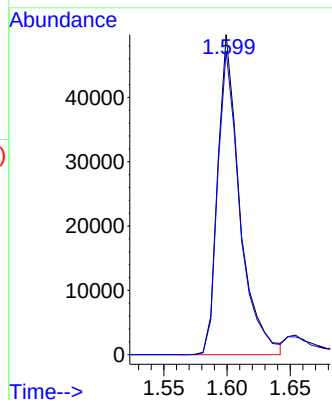
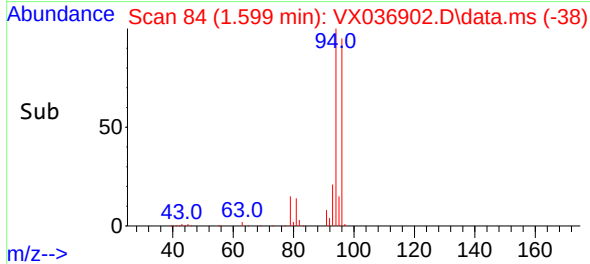
Instrument :
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Tgt Ion: 94 Resp: 60308
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8

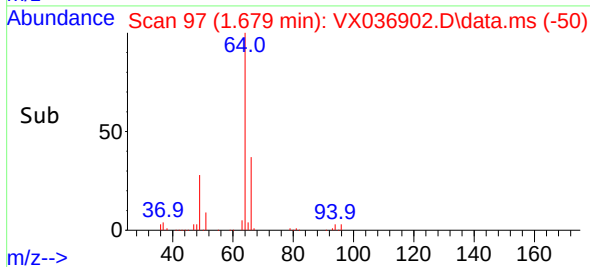
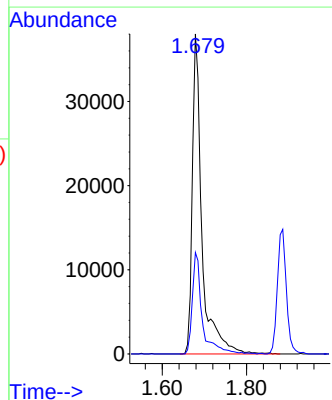
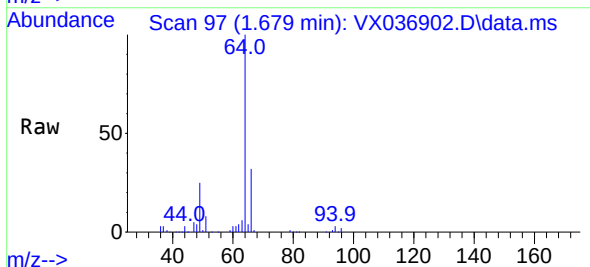
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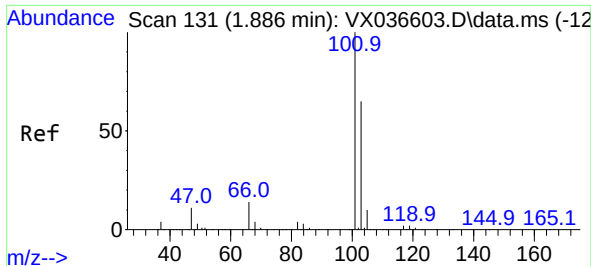
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#6
Chloroethane
Concen: 65.620 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

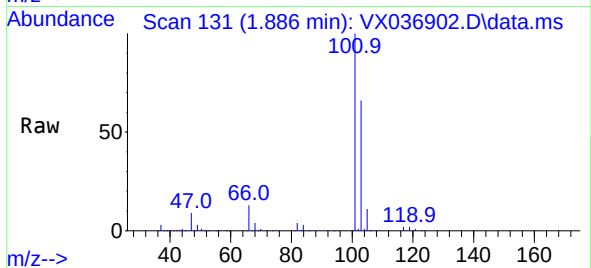
Tgt Ion: 64 Resp: 60444
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 58.840 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

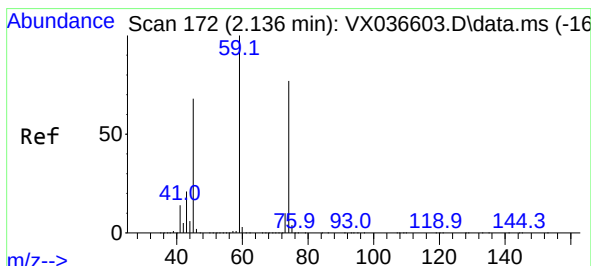
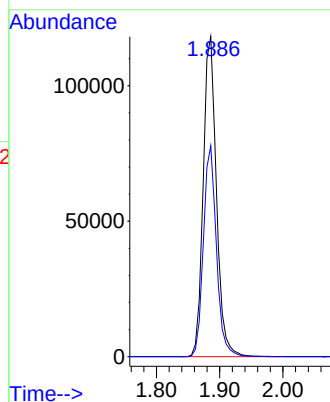
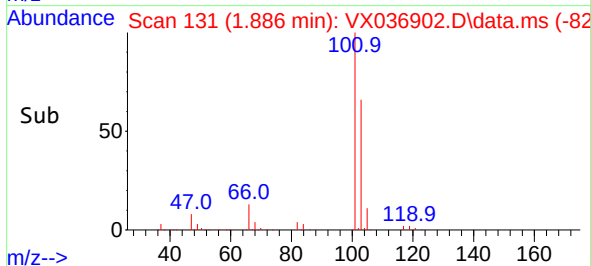
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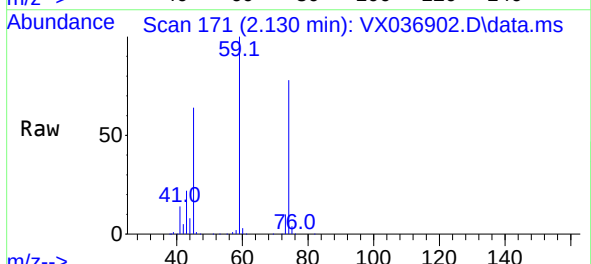
Tgt Ion:101 Resp: 172154
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

Manual Integrations
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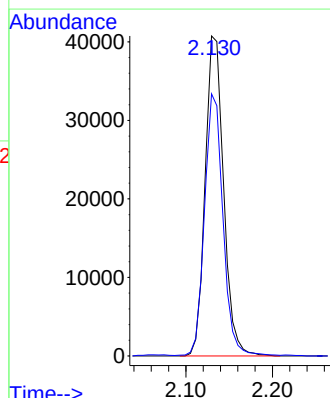
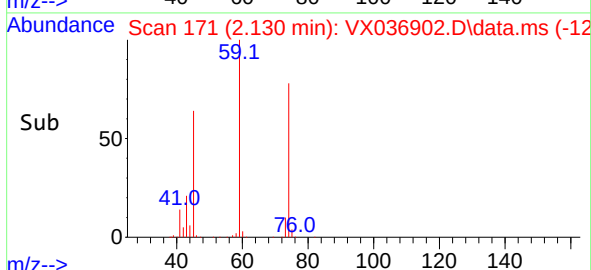
Reviewed By :John Carlone 08/11/2023
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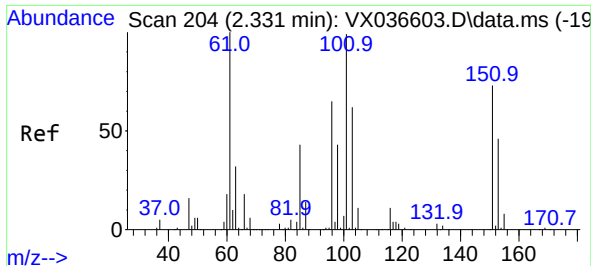


#8
Diethyl Ether
Concen: 53.290 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 60322
Ion Ratio Lower Upper
74 100
45 82.4 53.3 159.8





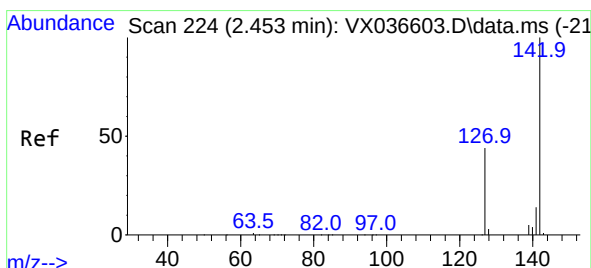
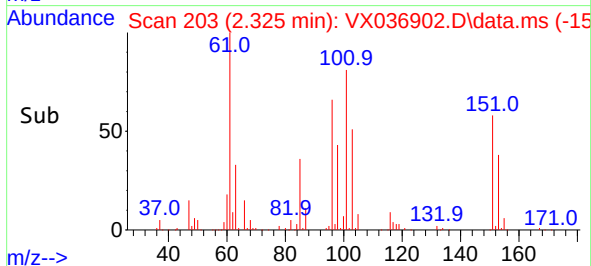
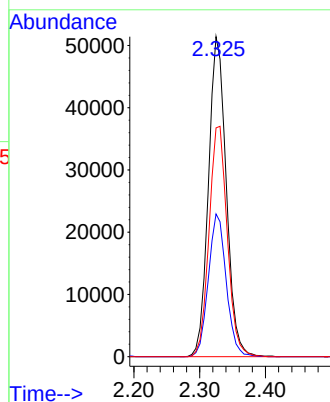
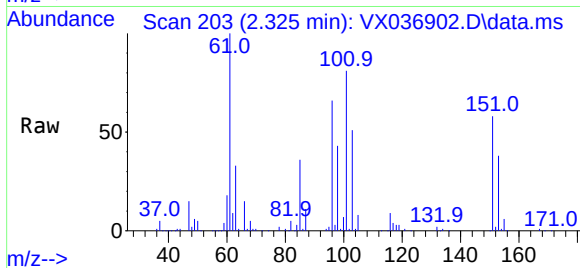
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.123 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036902.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 96890
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 73.7 58.6 87.8

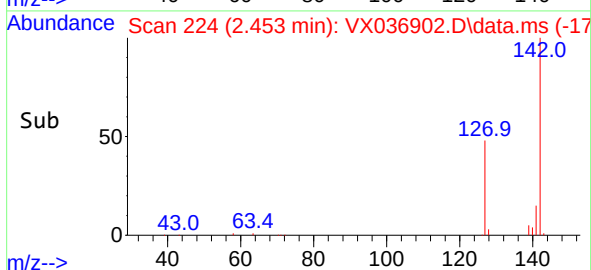
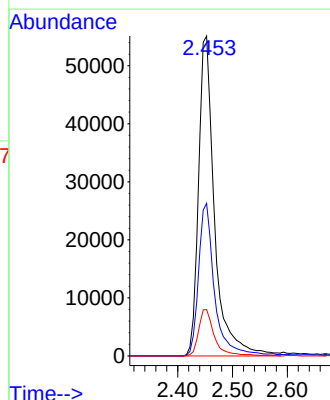
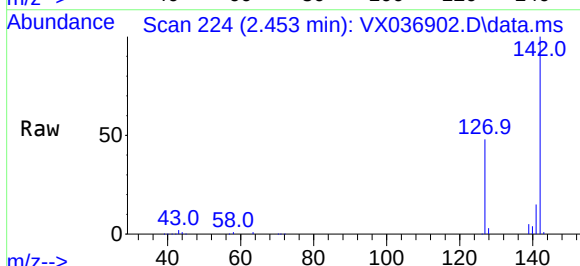
Manual Integrations
APPROVED

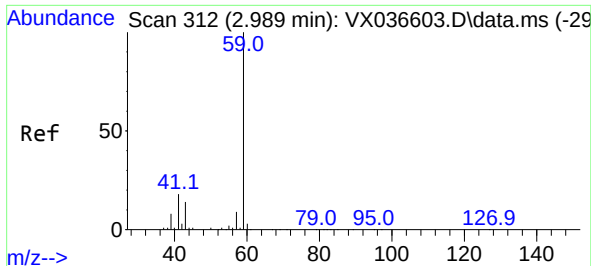
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#10
Methyl Iodide
Concen: 61.533 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

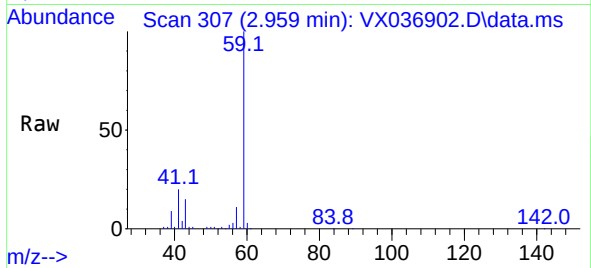
Tgt Ion:142 Resp: 112346
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 224.330 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

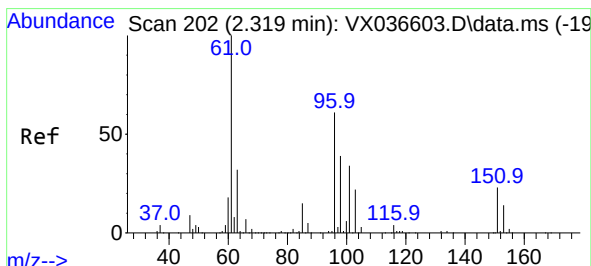
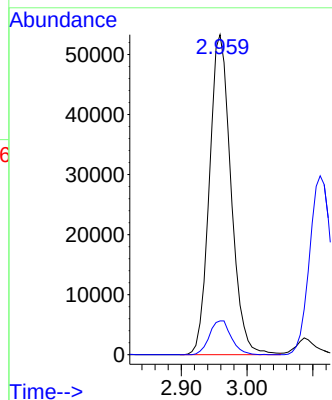
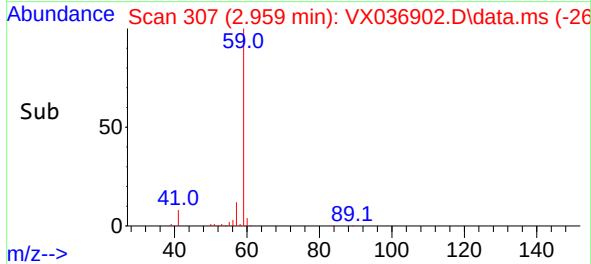
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



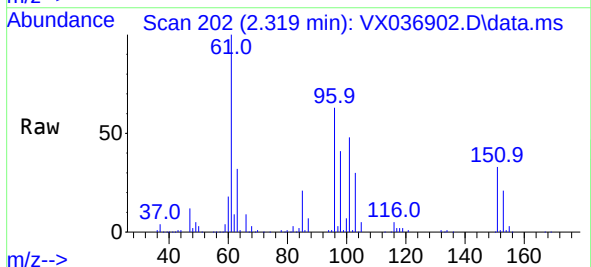
Tgt Ion: 59 Resp: 121705
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

Manual Integrations
APPROVED

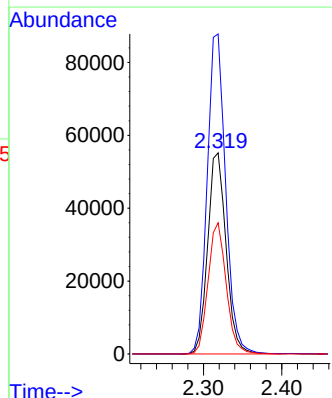
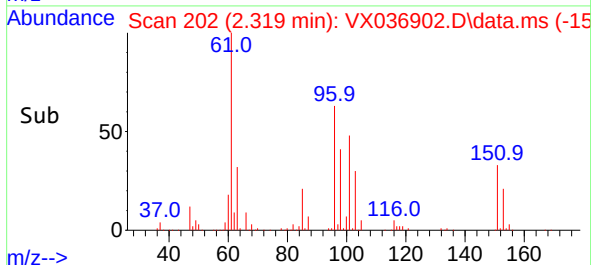
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

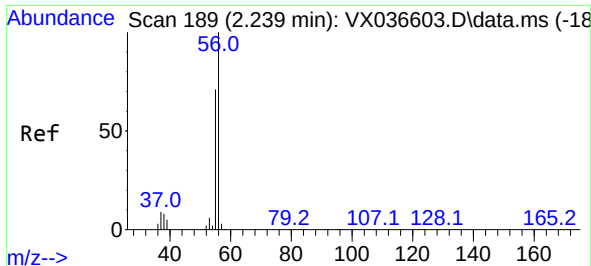


#12
1,1-Dichloroethene
Concen: 51.940 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



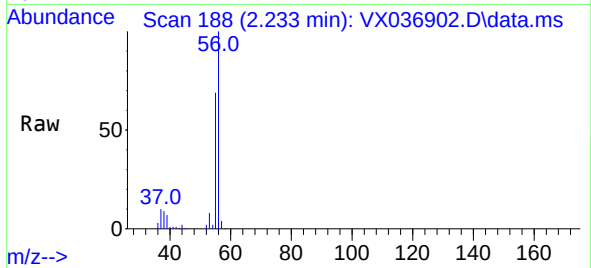
Tgt Ion: 96 Resp: 90076
Ion Ratio Lower Upper
96 100
61 159.1 144.6 216.8
98 65.3 50.4 75.6





#13
Acrolein
Concen: 253.818 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

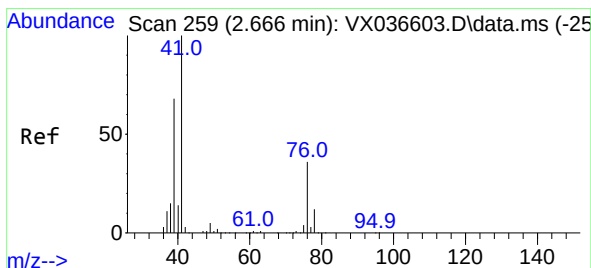
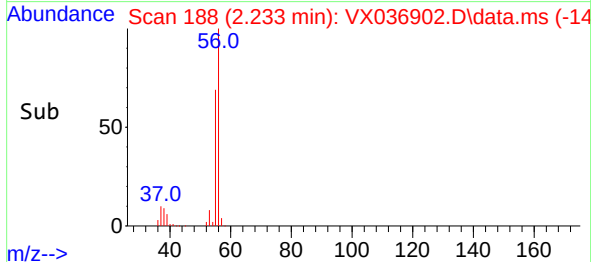
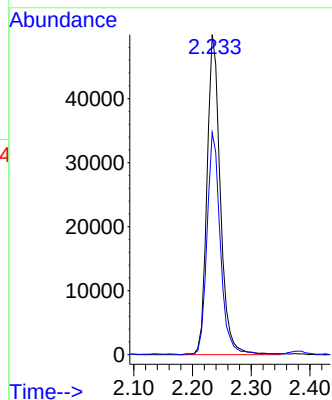
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7858
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

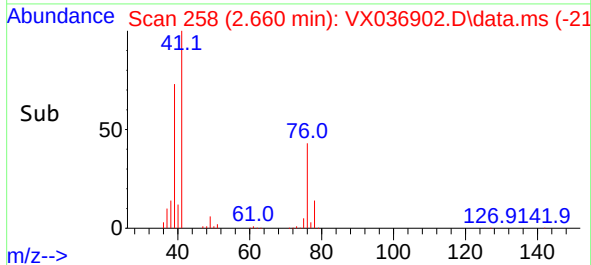
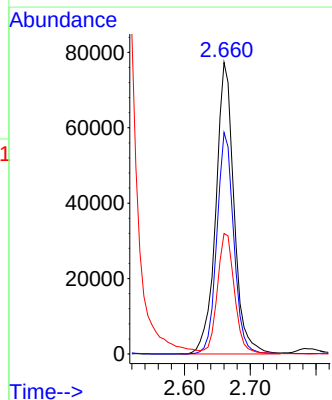
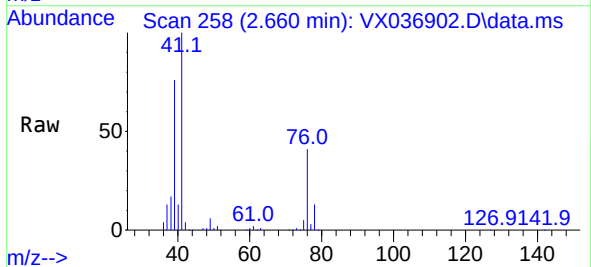
Manual Integrations
APPROVED

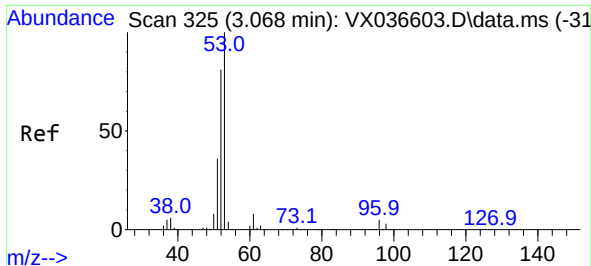
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#14
Allyl chloride
Concen: 43.681 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

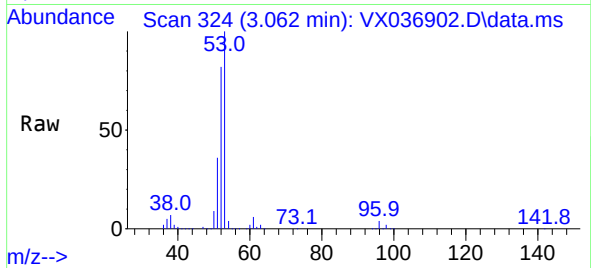
Tgt Ion: 41 Resp: 149167
Ion Ratio Lower Upper
41 100
39 70.5 55.8 83.6
76 39.1 24.3 36.5





#15
Acrylonitrile
Concen: 234.835 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

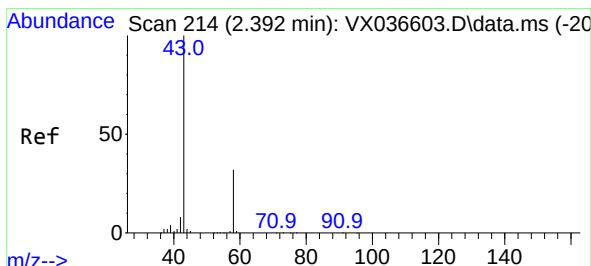
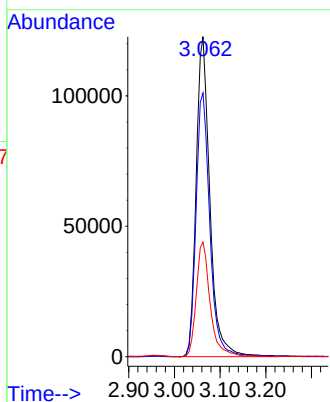
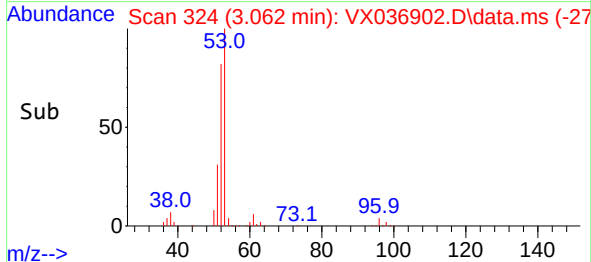
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 256210
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.4 29.8 44.6

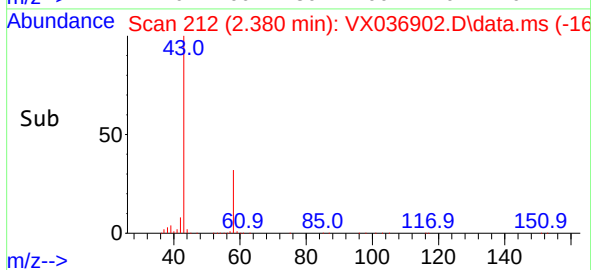
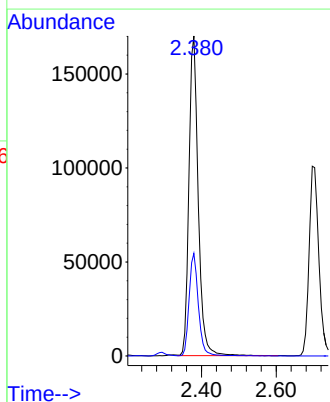
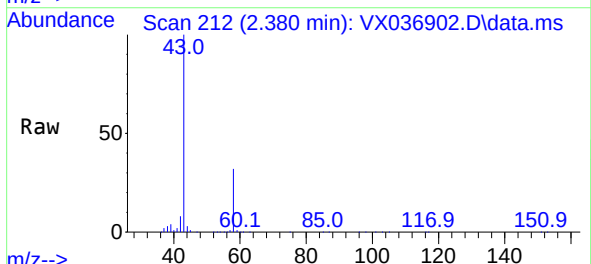
Manual Integrations
APPROVED

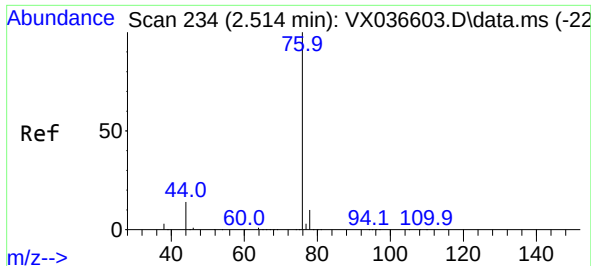
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#16
Acetone
Concen: 307.742 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

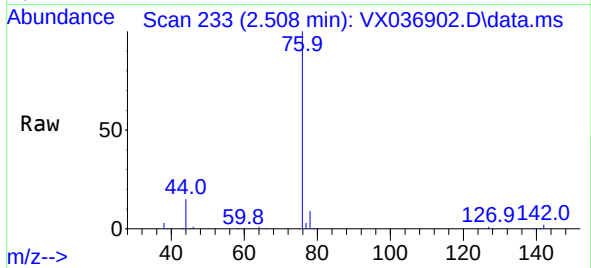
Tgt Ion: 43 Resp: 292643
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#17
Carbon Disulfide
Concen: 47.521 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

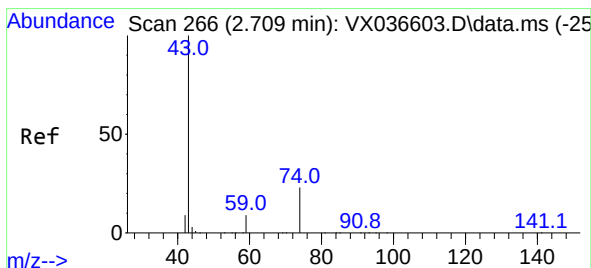
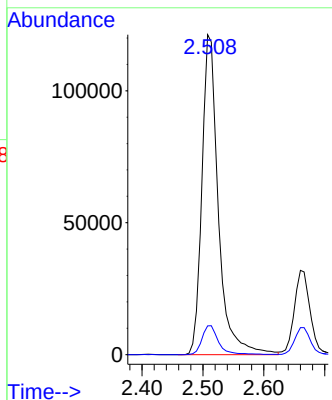
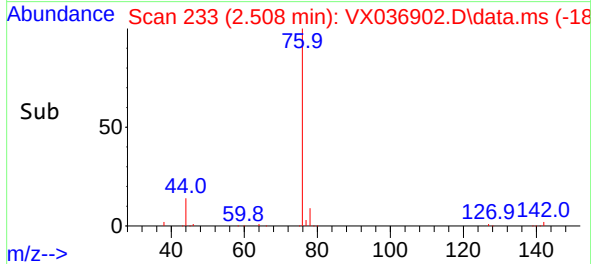
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



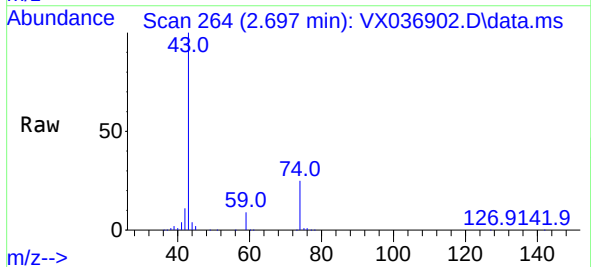
Tgt Ion: 76 Resp: 22745
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

Manual Integrations
APPROVED

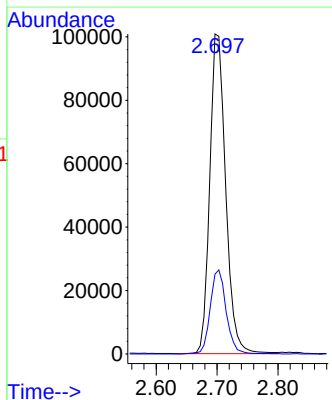
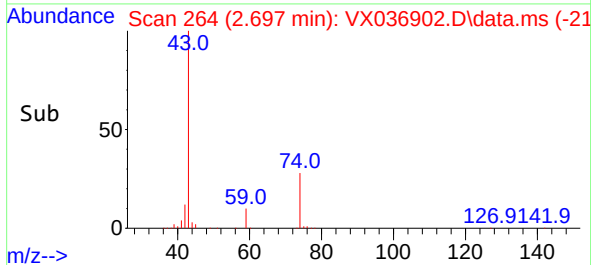
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

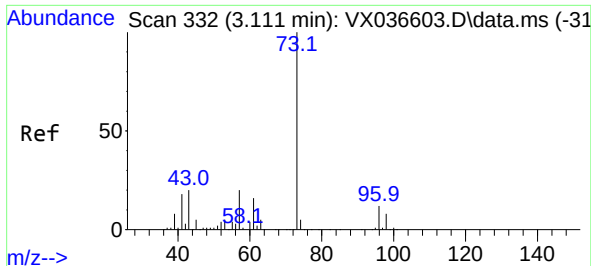


#18
Methyl Acetate
Concen: 45.780 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion: 43 Resp: 183137
Ion Ratio Lower Upper
43 100
74 26.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.499 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

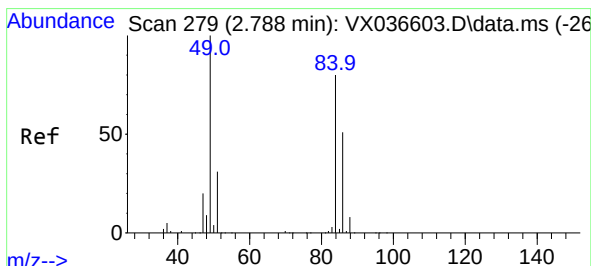
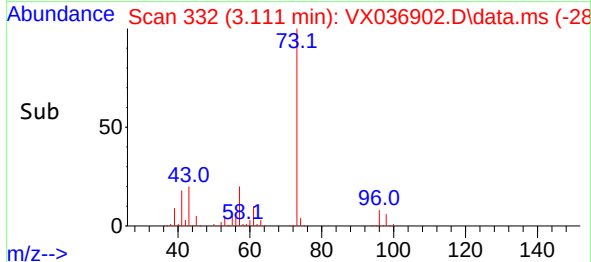
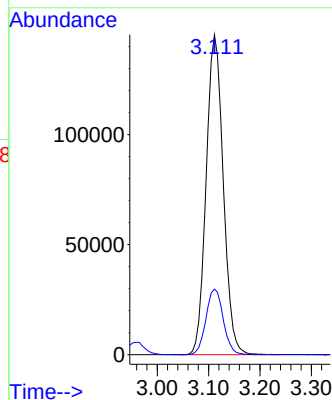
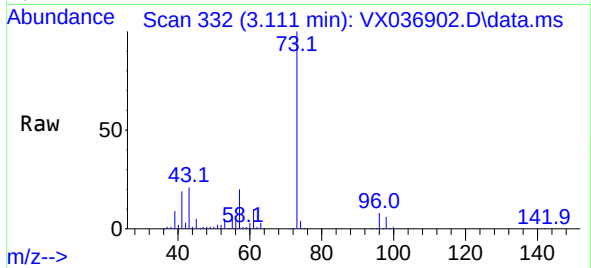
VSTDCCC050

Tgt Ion: 73 Resp: 33561
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

Manual Integrations

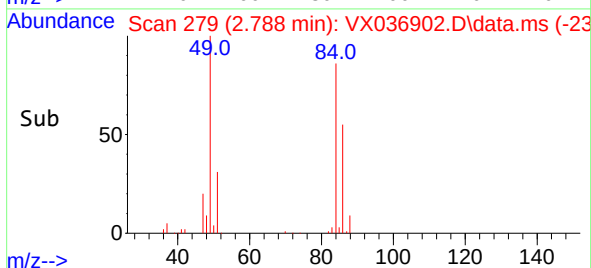
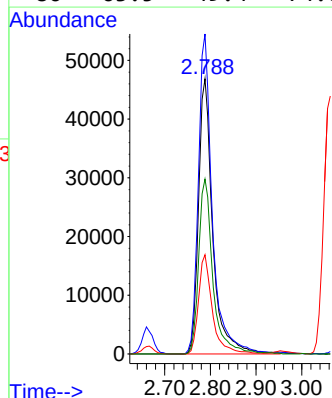
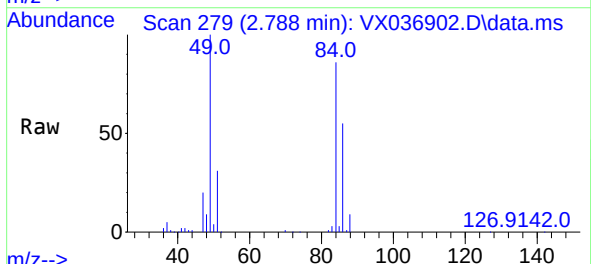
APPROVED

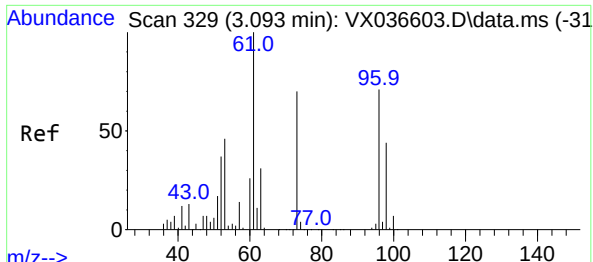
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#20
Methylene Chloride
Concen: 47.851 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

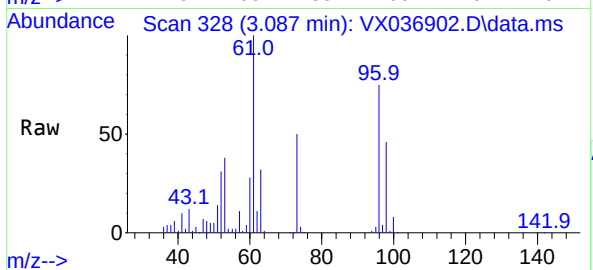
Tgt Ion: 84 Resp: 101198
Ion Ratio Lower Upper
84 100
49 116.3 103.6 155.4
51 36.0 33.8 50.6
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.558 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

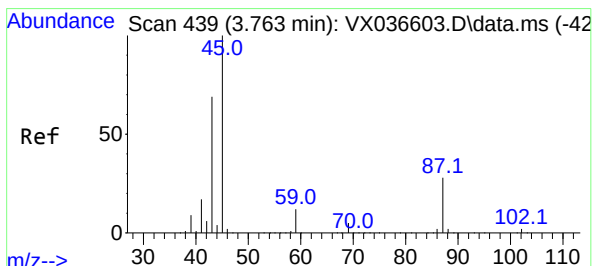
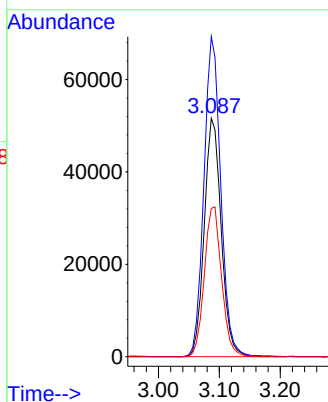
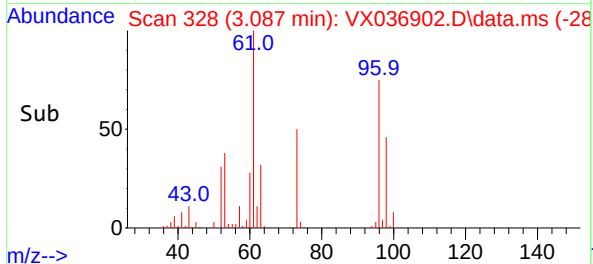
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



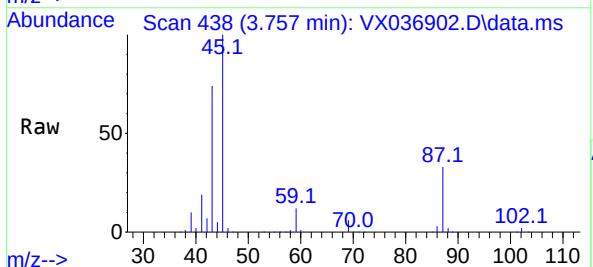
Tgt Ion: 96 Resp: 9993
Ion Ratio Lower Upper
96 100
61 134.1 119.2 178.8
98 62.2 48.7 73.1

Manual Integrations
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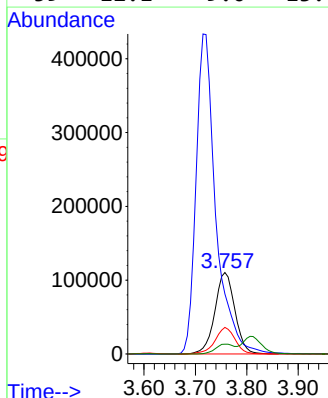
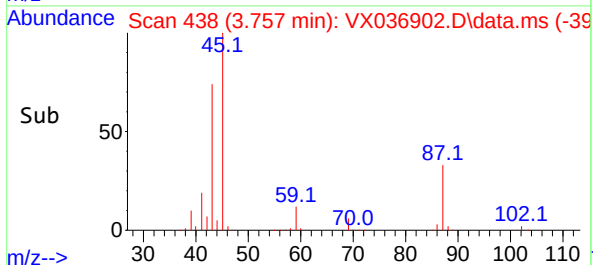
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

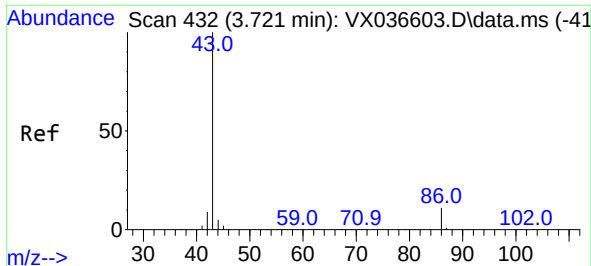


#22
Diisopropyl ether
Concen: 46.092 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion: 45 Resp: 298858
Ion Ratio Lower Upper
45 100
43 73.5 69.7 104.5
87 32.6 20.8 31.2#
59 12.1 9.0 13.4





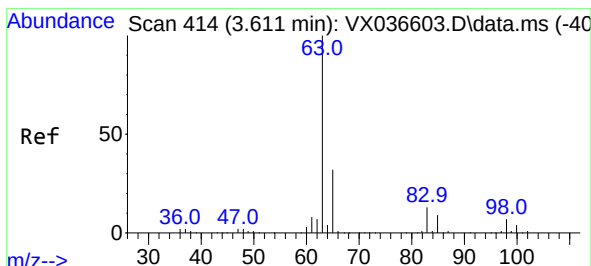
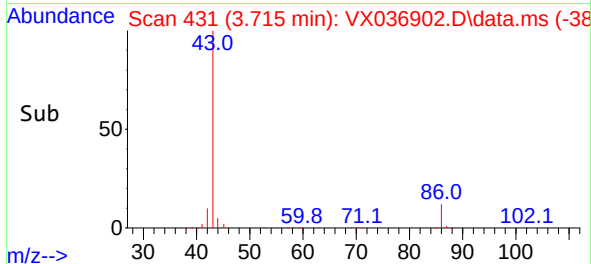
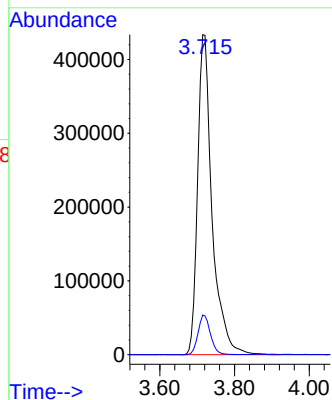
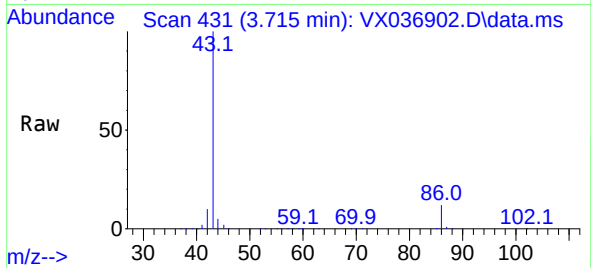
#23
Vinyl Acetate
Concen: 233.597 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 116184
Ion Ratio Lower Upper
43 100
86 12.4 7.8 11.8

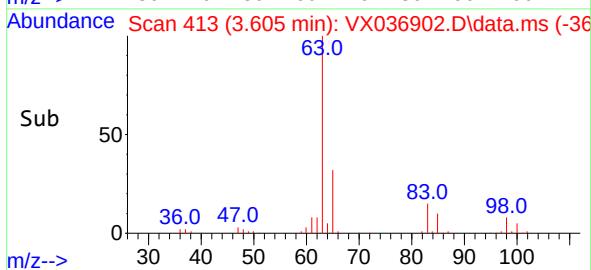
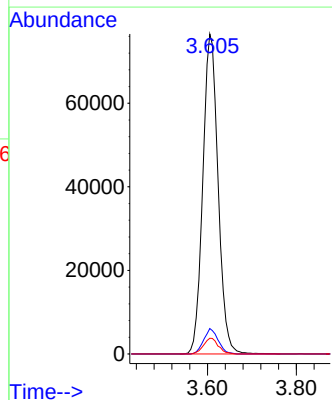
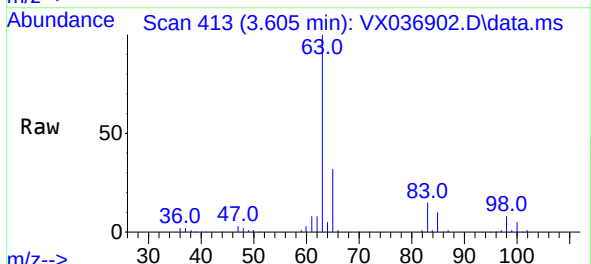
Manual Integrations
APPROVED

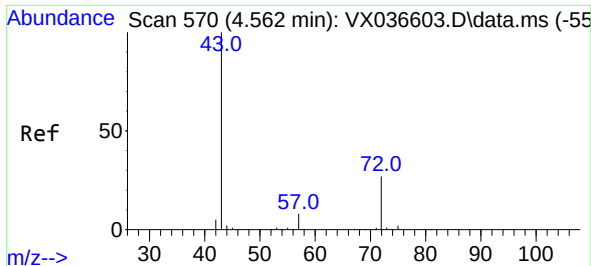
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#24
1,1-Dichloroethane
Concen: 50.400 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

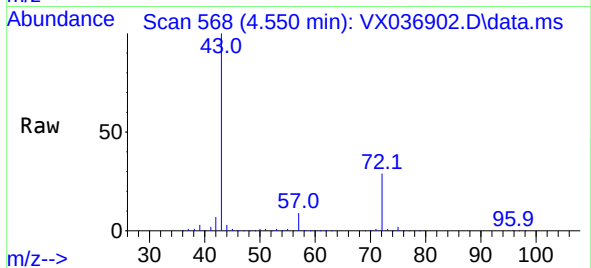
Tgt Ion: 63 Resp: 183221
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.8
100 4.9 2.1 6.5





#25
2-Butanone
Concen: 251.675 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

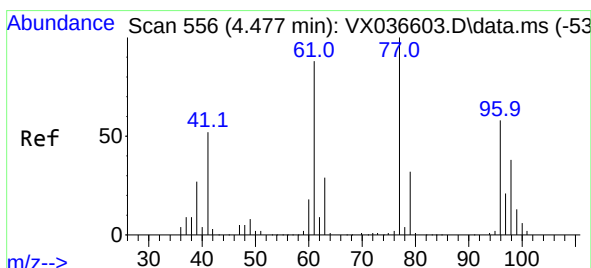
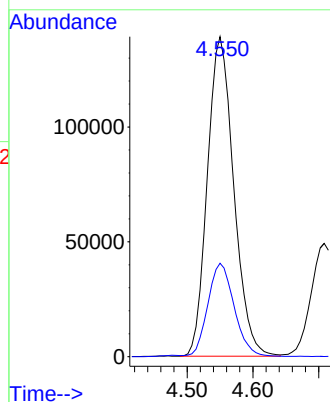
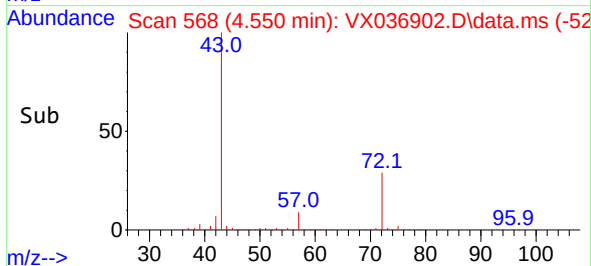
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



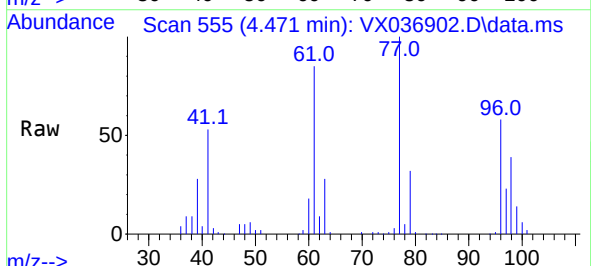
Tgt Ion: 43 Resp: 388294
Ion Ratio Lower Upper
43 100
72 29.1 19.4 29.2

Manual Integrations
APPROVED

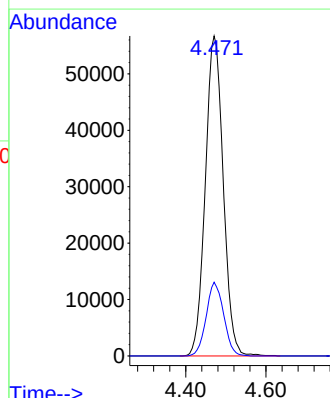
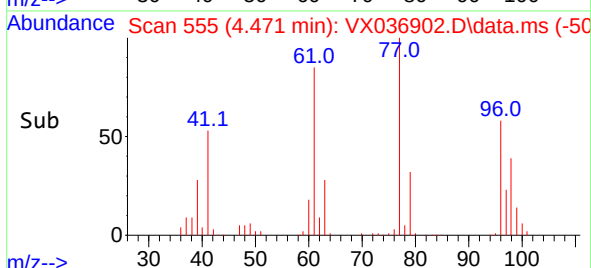
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

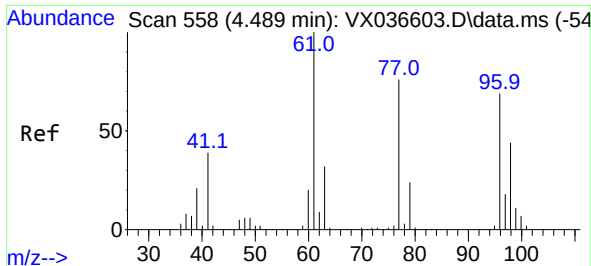


#26
2,2-Dichloropropane
Concen: 51.431 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion: 77 Resp: 176177
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





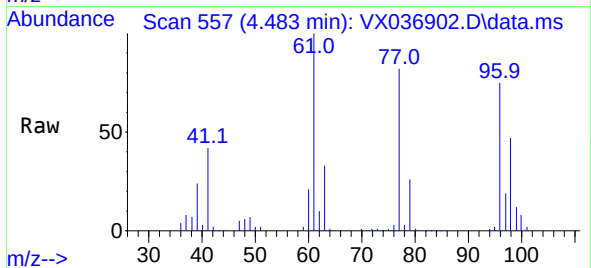
#27
 cis-1,2-Dichloroethene
 Concen: 51.534 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX036902.D
 Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

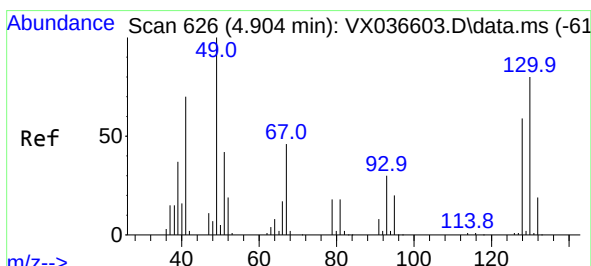
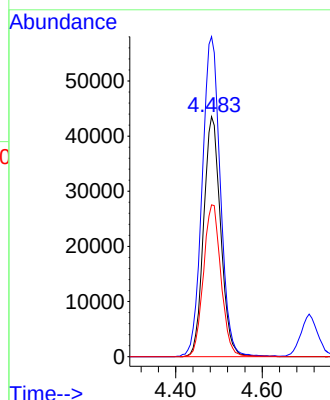
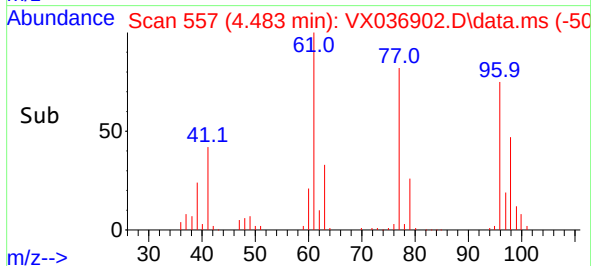


Tgt Ion: 96 Resp: 118638
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 312.2
 98 65.3 0.0 129.0

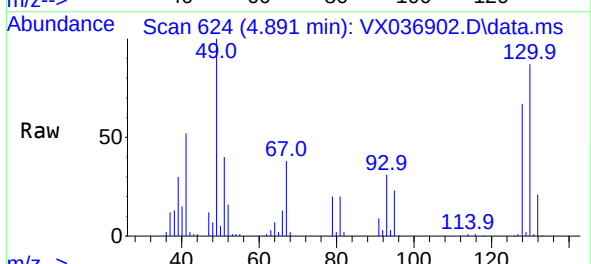
Manual Integrations

APPROVED

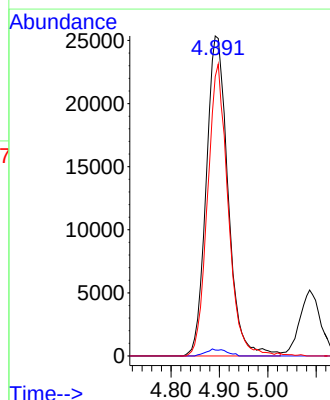
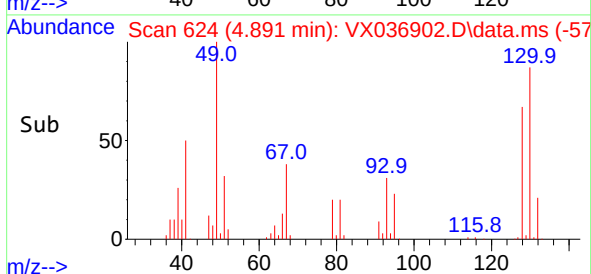
Reviewed By :John Carlone 08/11/2023
 Supervised By :Mahesh Dadoda 08/11/2023

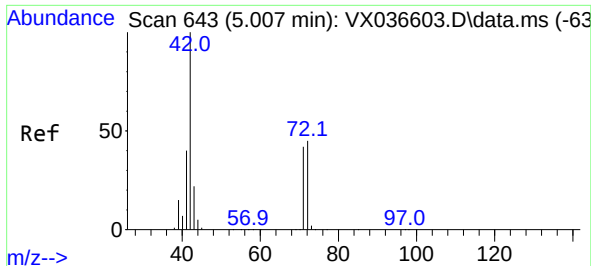


#28
 Bromochloromethane
 Concen: 45.181 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX036902.D
 Acq: 10 Aug 2023 09:26



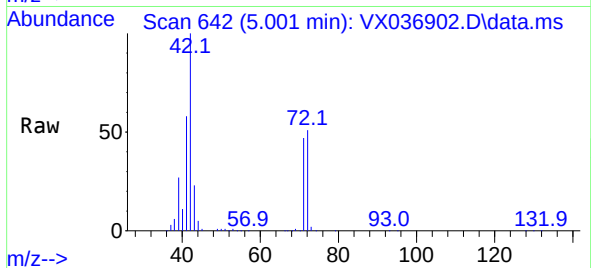
Tgt Ion: 49 Resp: 79436
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 85.5 57.5 86.3





#29
Tetrahydrofuran
Concen: 226.767 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

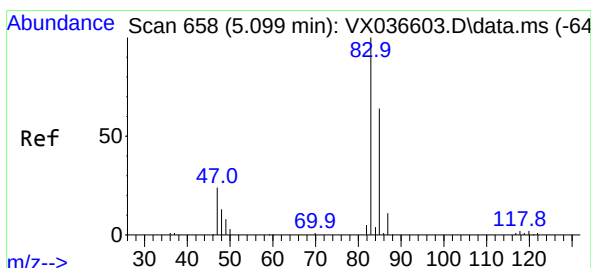
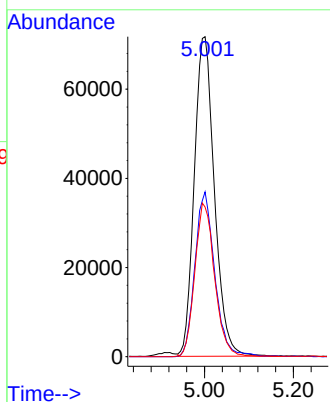
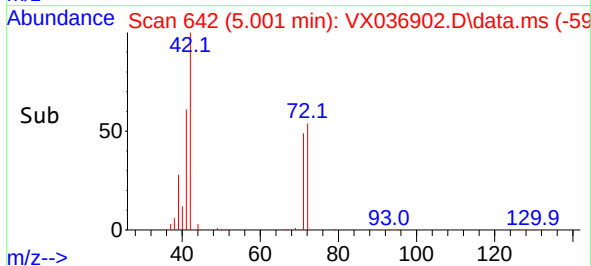
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



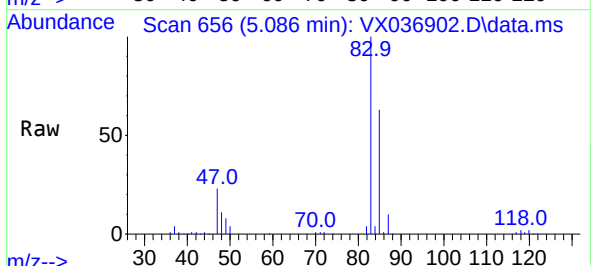
Tgt Ion: 42 Resp: 225564
Ion Ratio Lower Upper
42 100
72 50.9 34.2 51.4
71 47.3 32.2 48.2

Manual Integrations
APPROVED

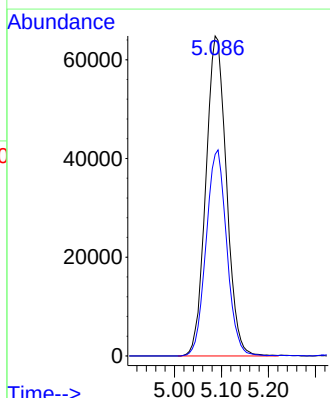
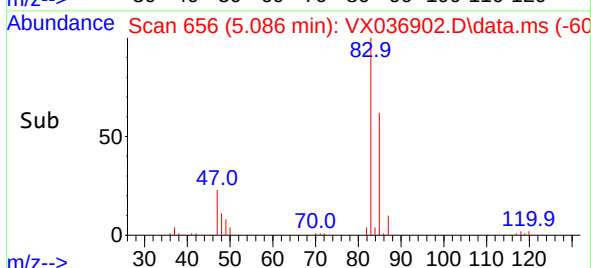
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

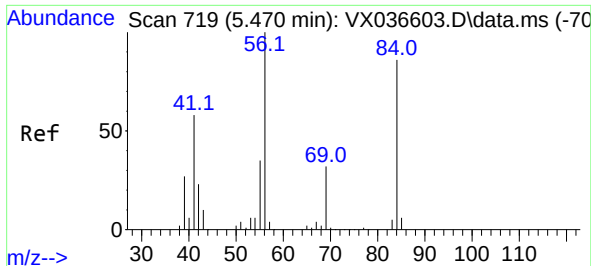


#30
Chloroform
Concen: 53.091 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



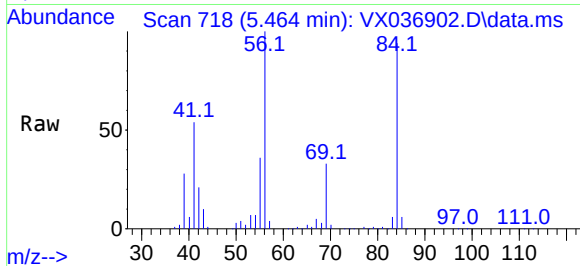
Tgt Ion: 83 Resp: 197459
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5





#31
Cyclohexane
Concen: 47.468 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

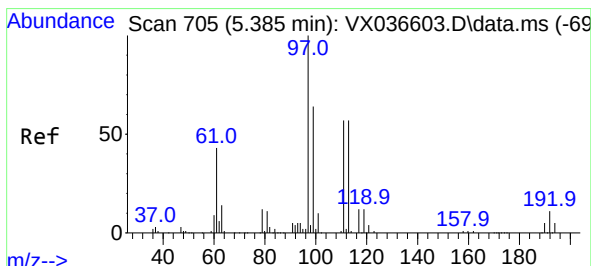
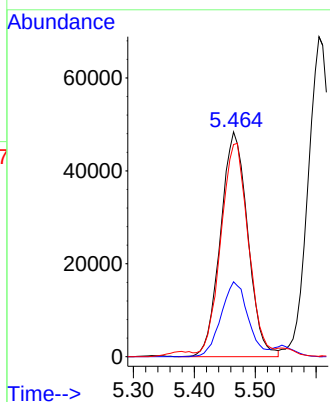
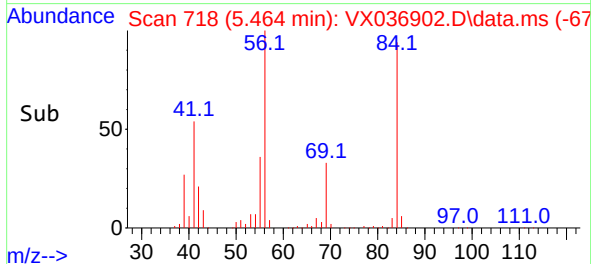
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



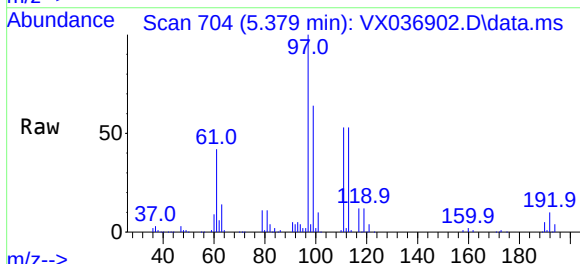
Tgt Ion: 56 Resp: 150611
Ion Ratio Lower Upper
56 100
69 33.3 23.4 35.2
84 92.2 65.9 98.9

Manual Integrations
APPROVED

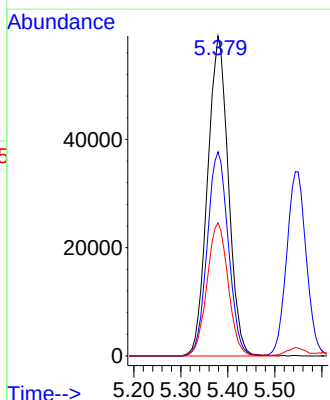
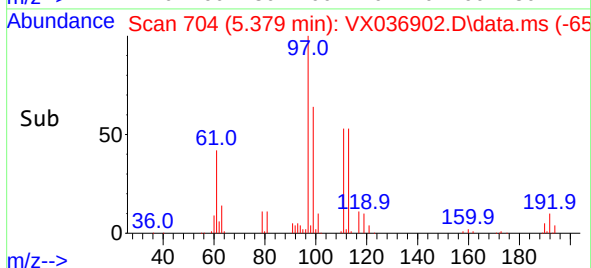
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

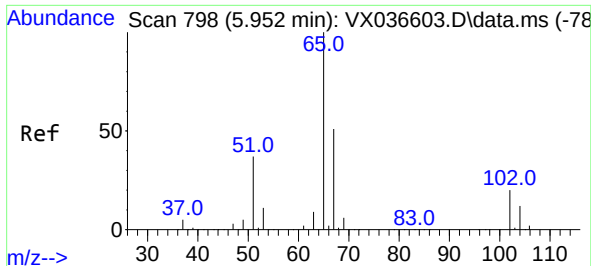


#32
1,1,1-Trichloroethane
Concen: 53.277 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



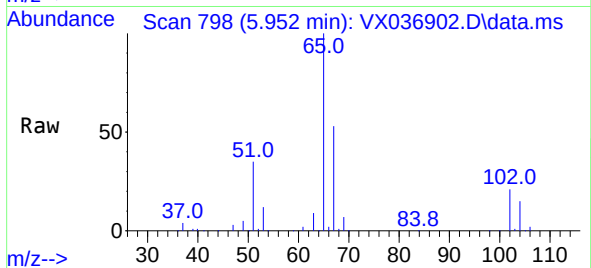
Tgt Ion: 97 Resp: 181563
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 42.2 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 47.177 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

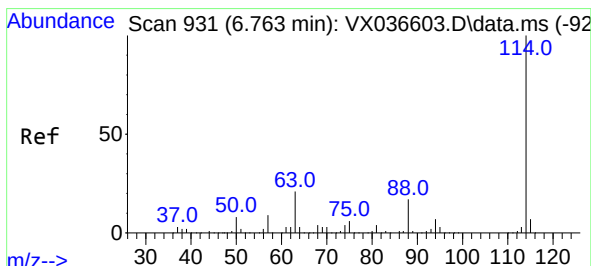
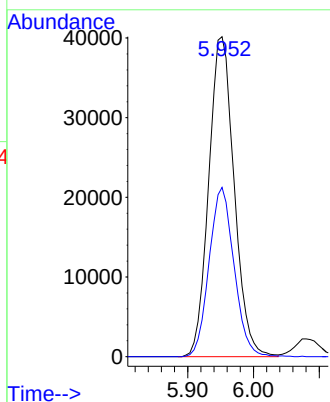
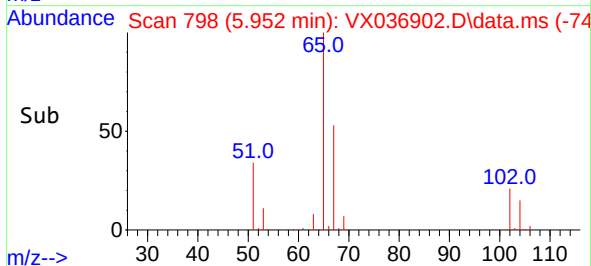
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



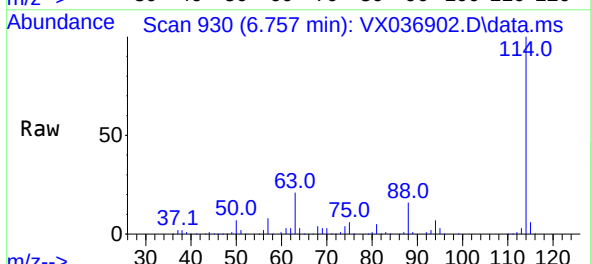
Tgt Ion: 65 Resp: 10811
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

Manual Integrations
APPROVED

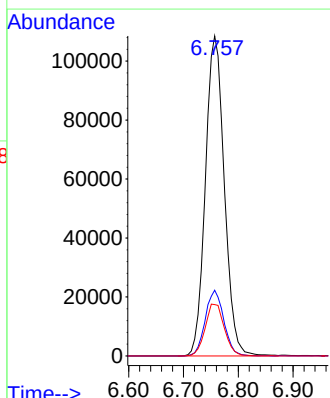
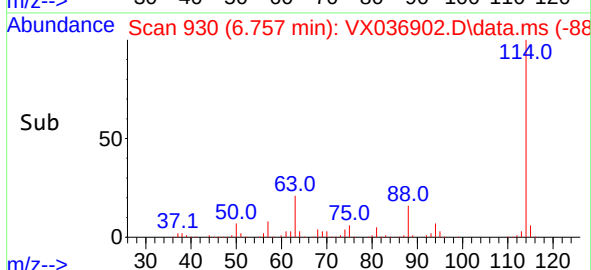
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

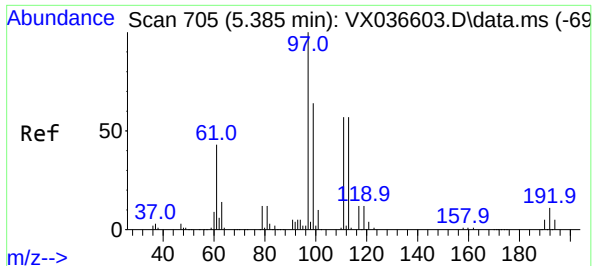


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion:114 Resp: 259888
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.818 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 9256

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

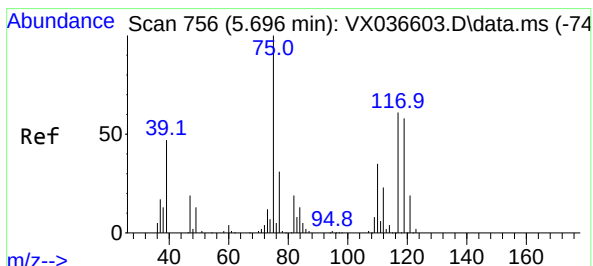
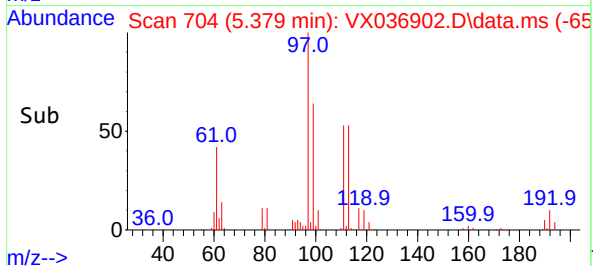
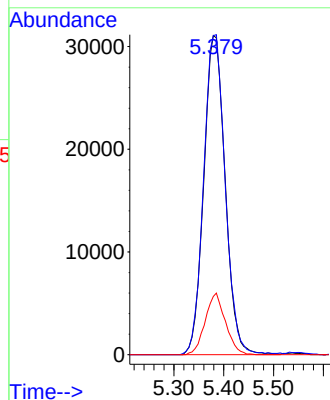
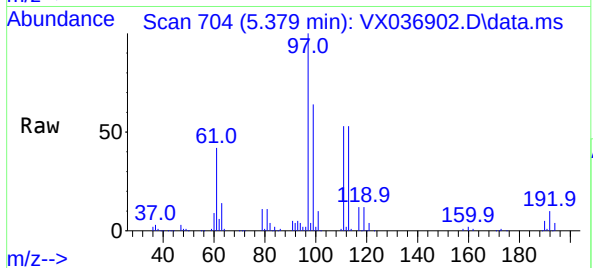
192 18.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#36

1,1-Dichloropropene

Concen: 53.553 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

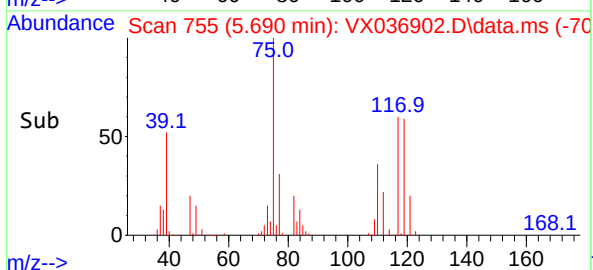
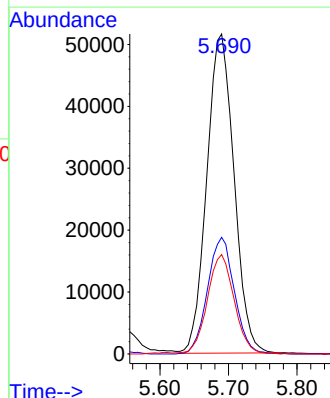
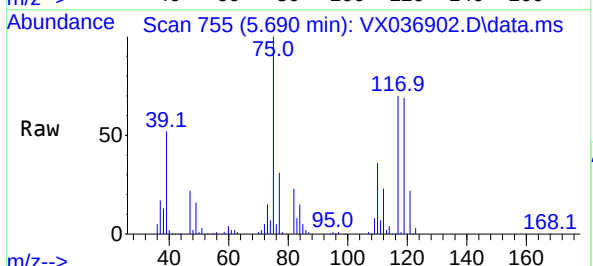
Tgt Ion: 75 Resp: 142587

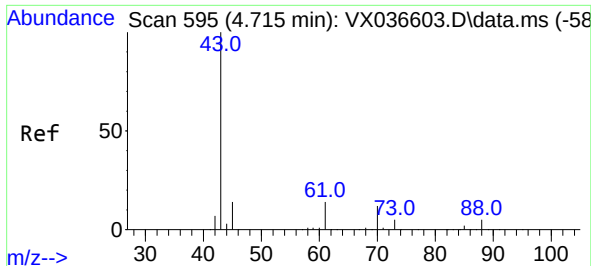
Ion Ratio Lower Upper

75 100

110 36.1 17.0 50.9

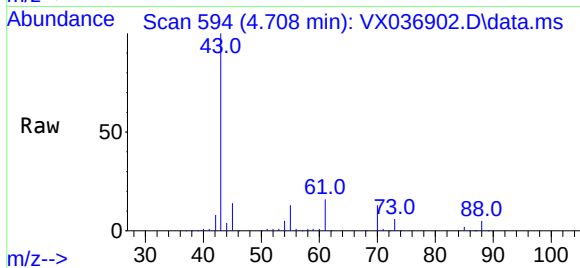
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 46.917 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

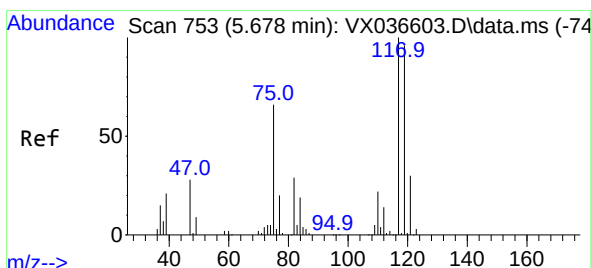
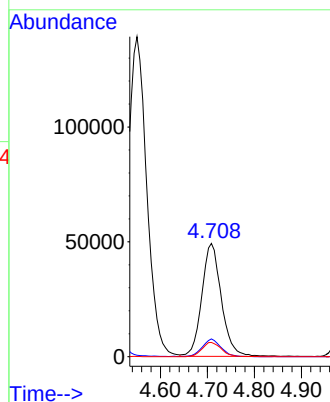
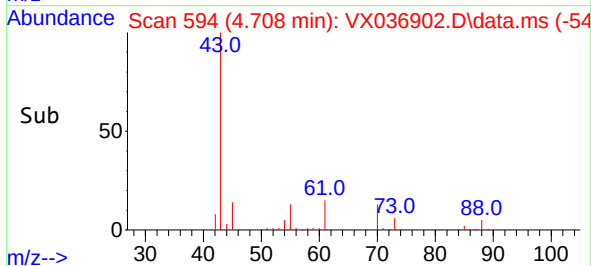
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14138
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 12.5 8.3 12.5

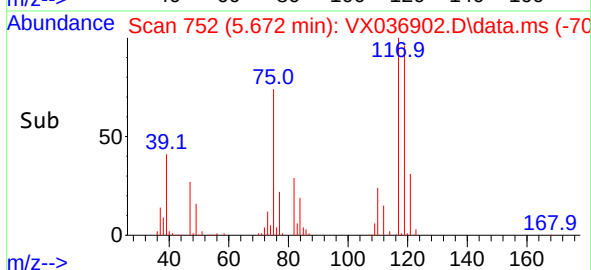
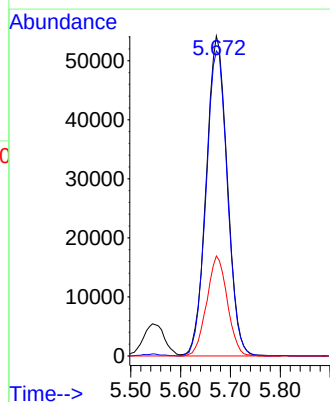
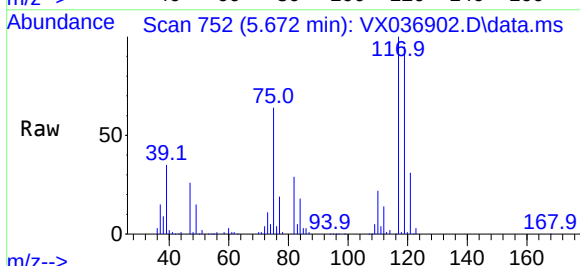
Manual Integrations
APPROVED

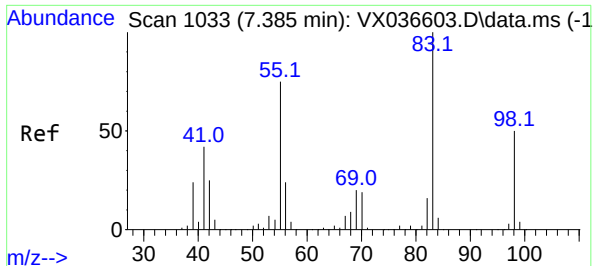
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#38
Carbon Tetrachloride
Concen: 56.322 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion:117 Resp: 159425
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.2
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 48.795 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 161540

Ion Ratio Lower Upper

83 100

55 71.8 64.6 97.0

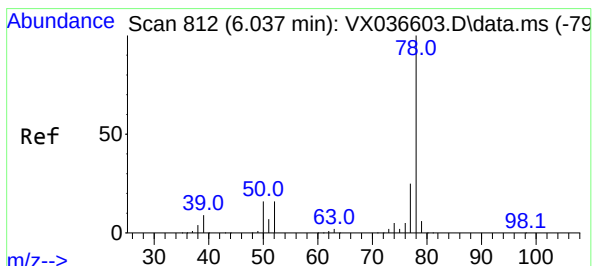
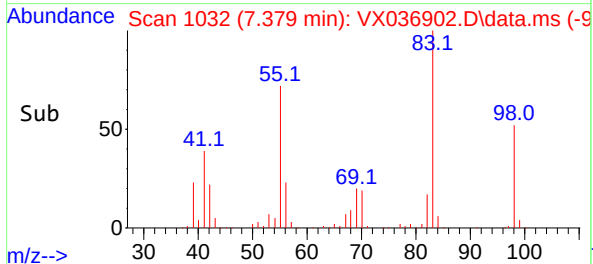
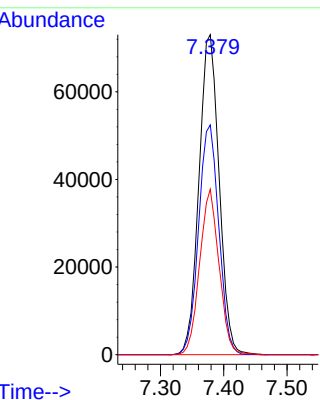
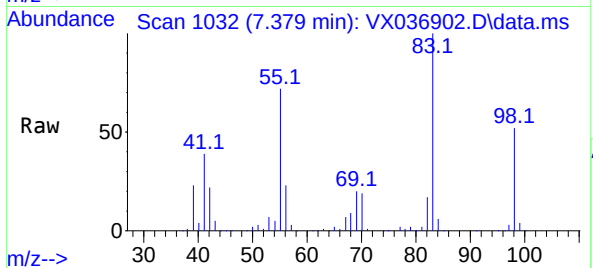
98 51.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#40

Benzene

Concen: 52.445 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036902.D

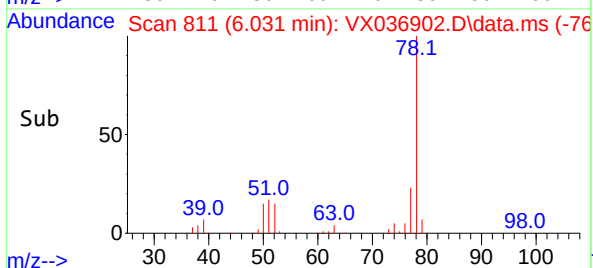
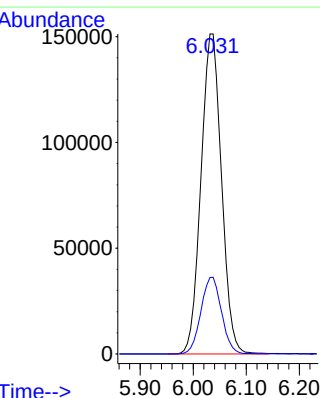
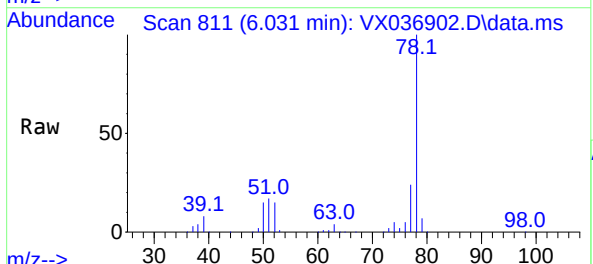
Acq: 10 Aug 2023 09:26

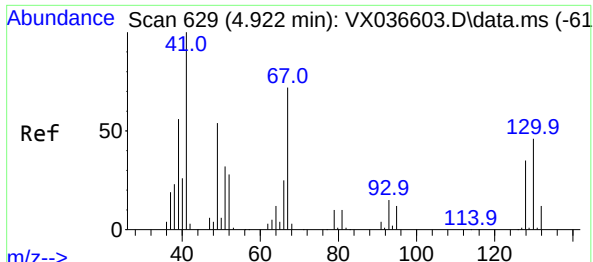
Tgt Ion: 78 Resp: 406261

Ion Ratio Lower Upper

78 100

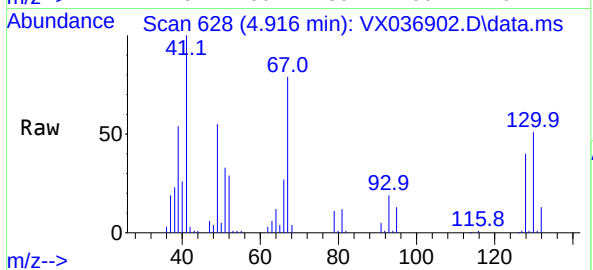
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 47.106 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

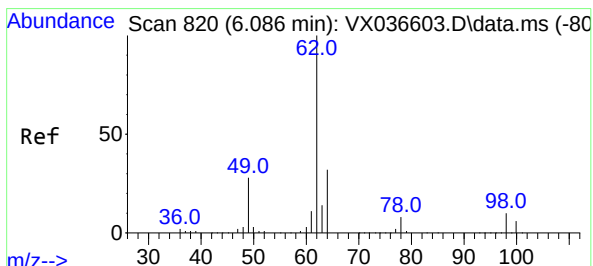
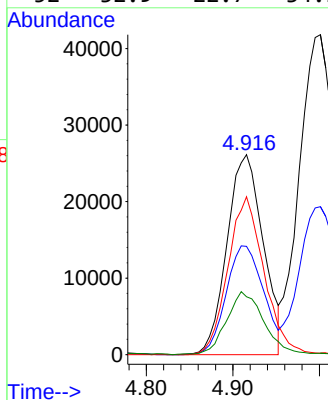
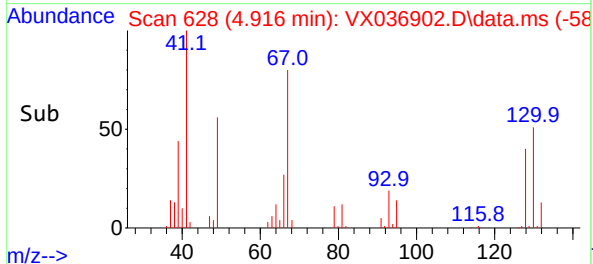
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 75924
Ion Ratio Lower Upper
41 100
39 56.1 45.2 67.8
67 79.2 52.6 78.8
52 32.9 22.7 34.1

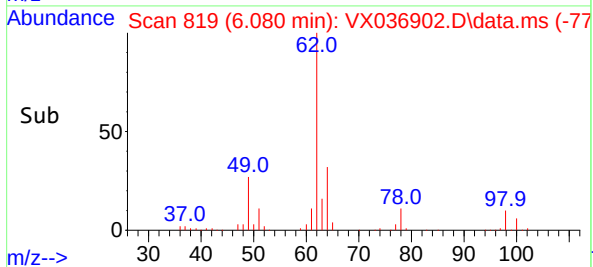
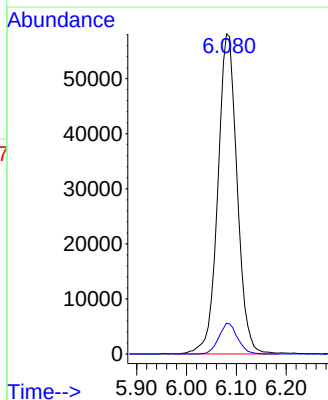
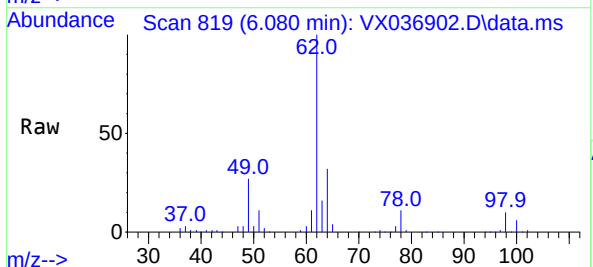
Manual Integrations
APPROVED

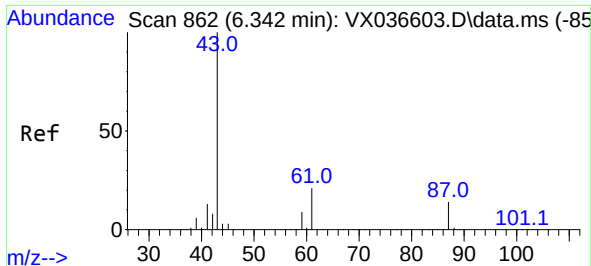
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#42
1,2-Dichloroethane
Concen: 55.186 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

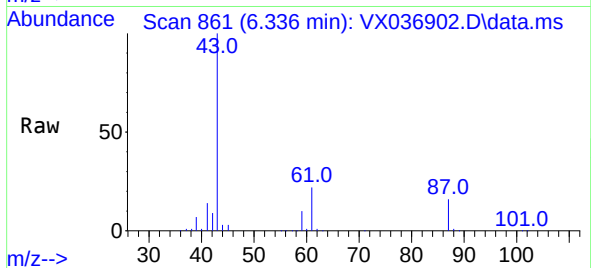
Tgt Ion: 62 Resp: 156298
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 46.015 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

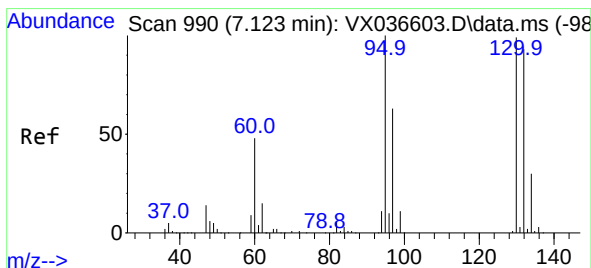
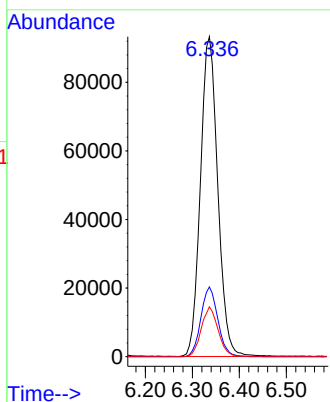
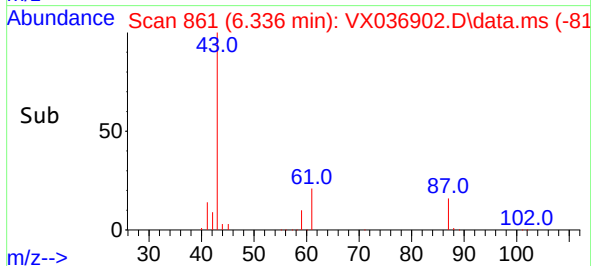
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 238699
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 15.1 9.8 14.6

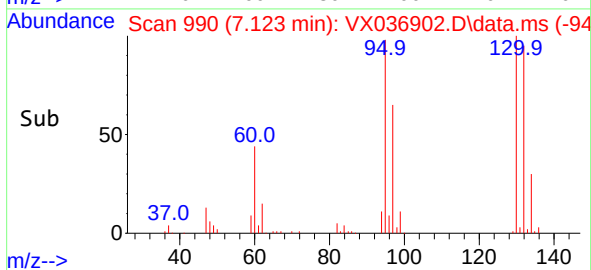
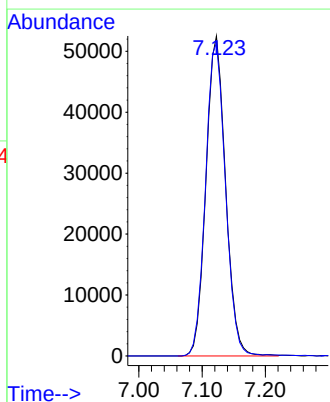
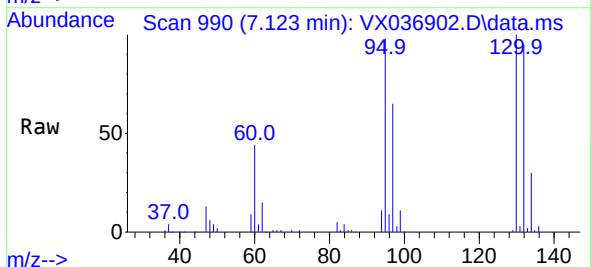
Manual Integrations
APPROVED

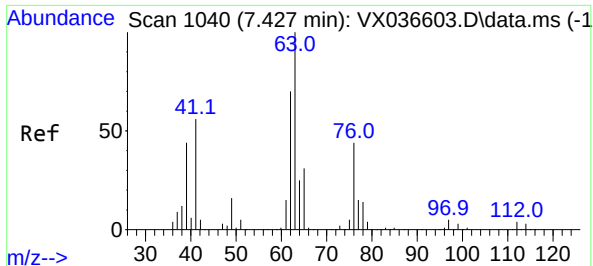
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#44
Trichloroethene
Concen: 55.878 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion:130 Resp: 113144
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.546 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10454

Ion Ratio Lower Upper

63 100

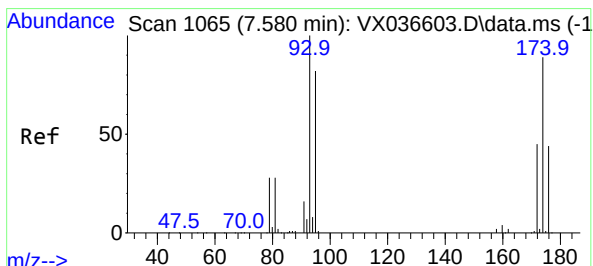
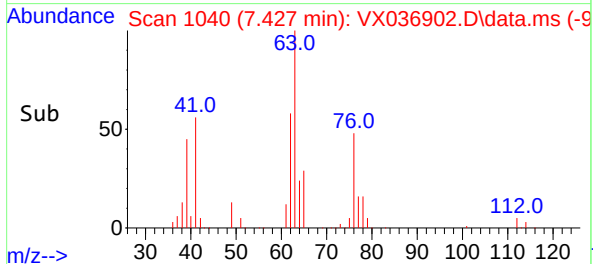
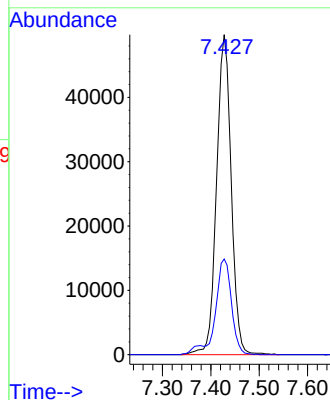
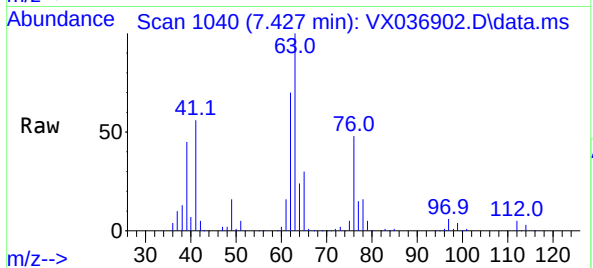
65 29.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#46

Dibromomethane

Concen: 54.489 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

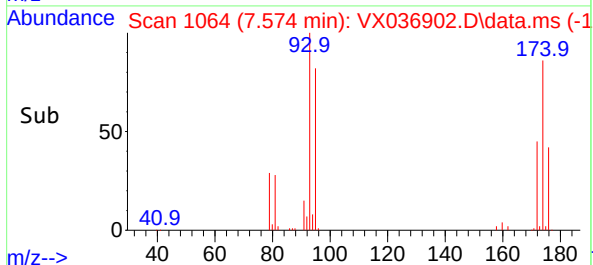
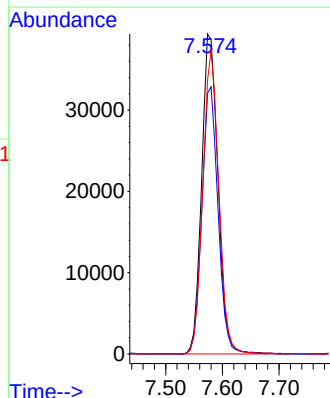
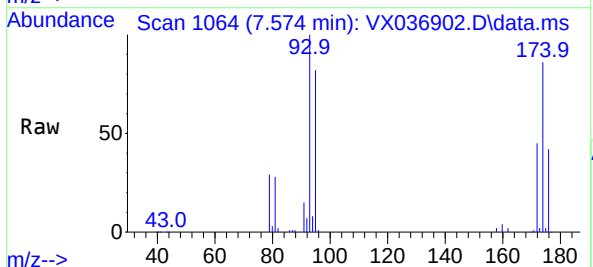
Tgt Ion: 93 Resp: 78872

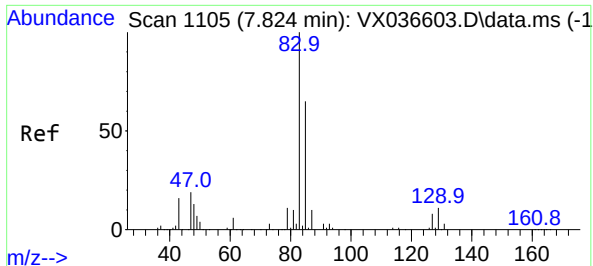
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 92.9 69.4 104.0





#47
Bromodichloromethane
Concen: 53.413 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

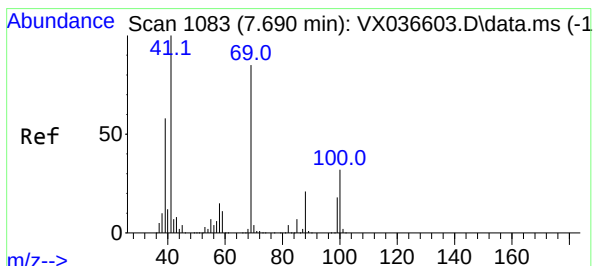
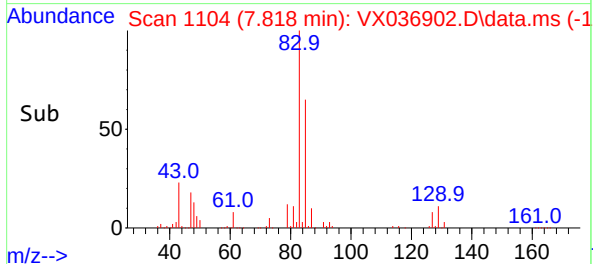
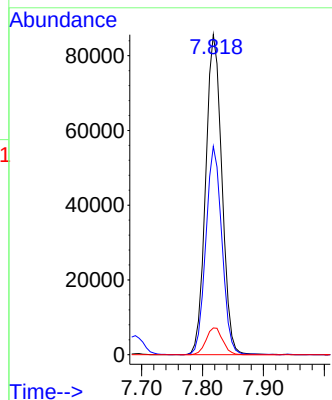
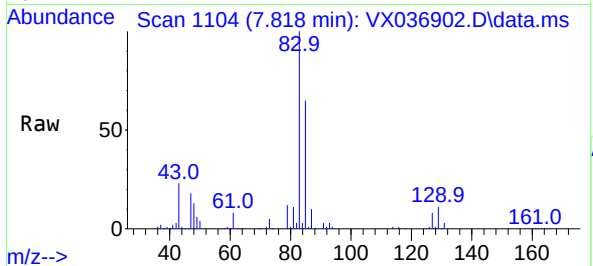
VSTDCCC050

Tgt Ion: 83 Resp: 158700
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations

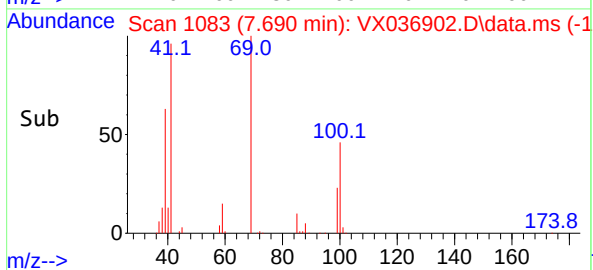
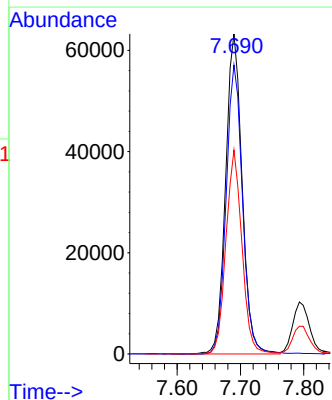
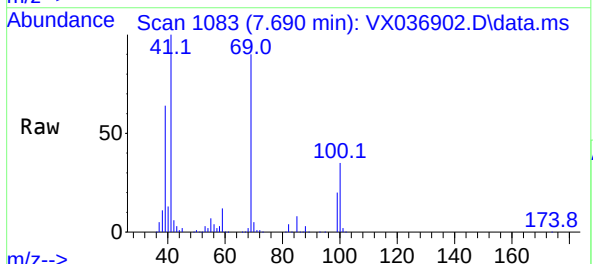
APPROVED

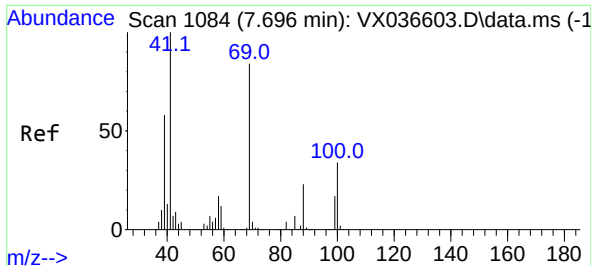
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#48
Methyl methacrylate
Concen: 47.411 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

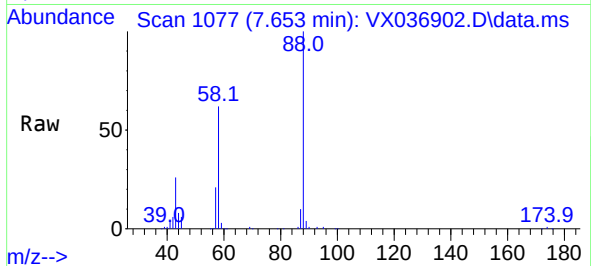
Tgt Ion: 41 Resp: 114376
Ion Ratio Lower Upper
41 100
69 89.7 59.2 88.8#
39 61.9 47.7 71.5





#49
1,4-Dioxane
Concen: 1007.069 ug/l
RT: 7.653 min Scan# 1084
Delta R.T. -0.043 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

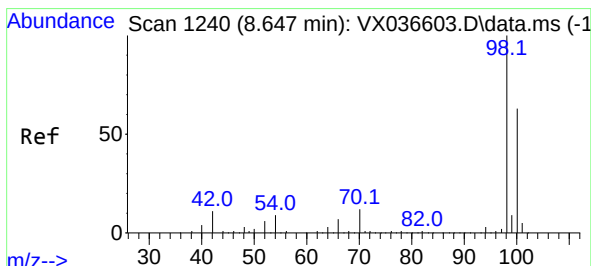
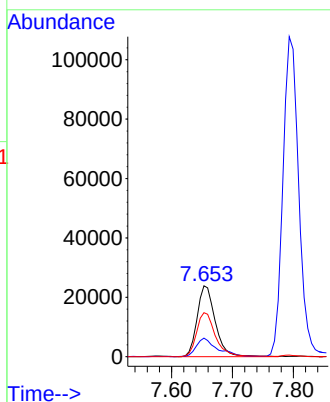
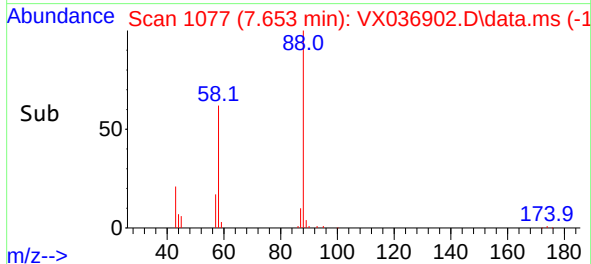
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 49080
Ion Ratio Lower Upper
88 100
43 30.9 0.0 0.0
58 64.9 60.1 90.1

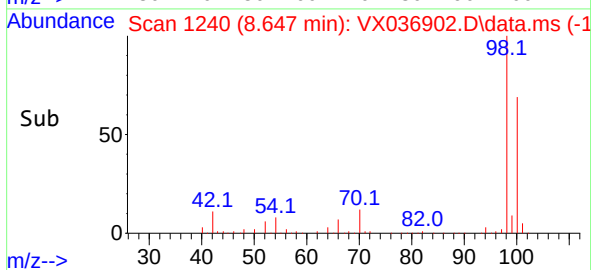
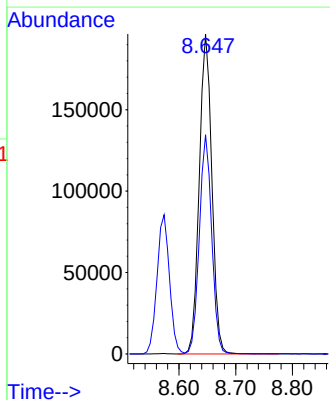
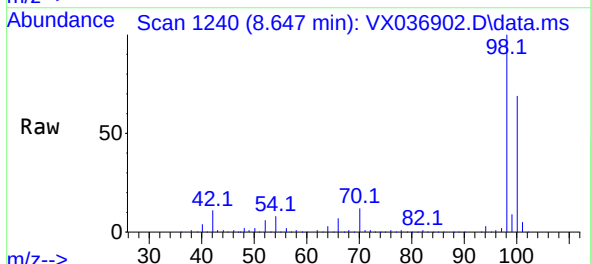
Manual Integrations
APPROVED

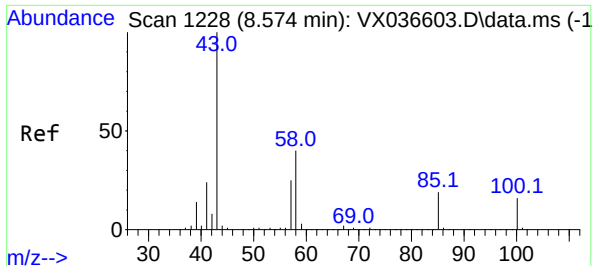
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#50
Toluene-d8
Concen: 47.846 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion: 98 Resp: 303088
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





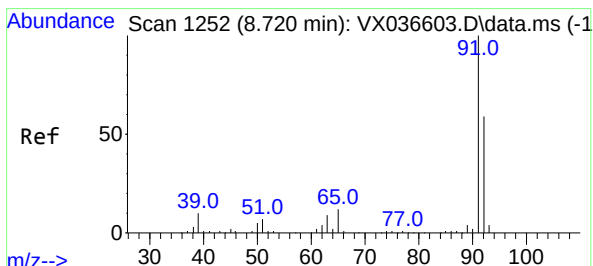
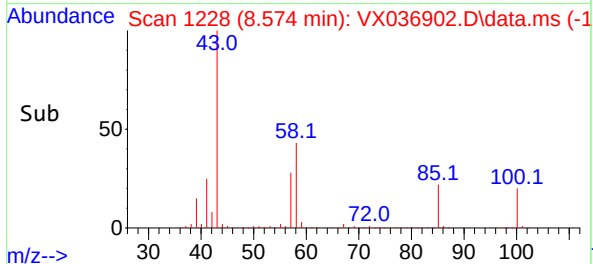
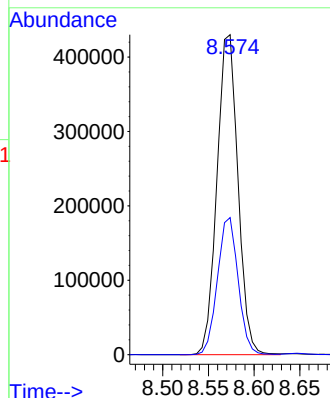
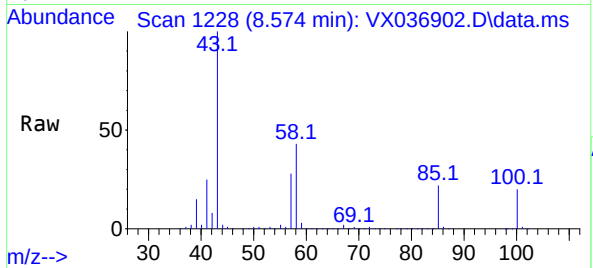
#51
4-Methyl-2-Pentanone
Concen: 239.633 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 68791
Ion Ratio Lower Upper
43 100
58 42.2 30.4 45.6

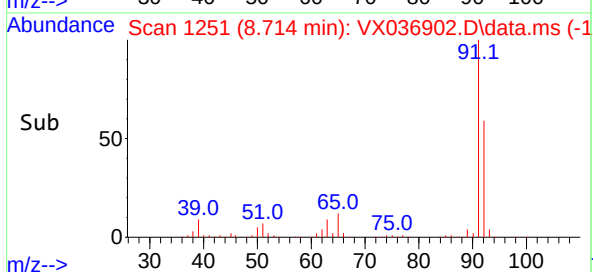
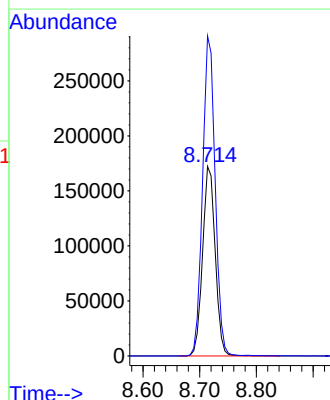
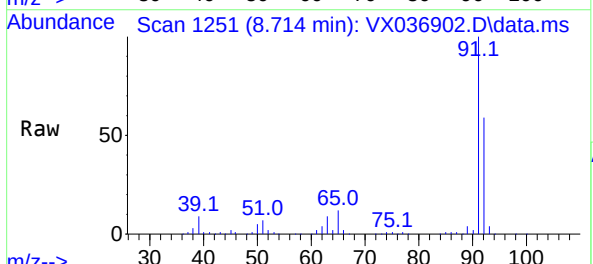
Manual Integrations
APPROVED

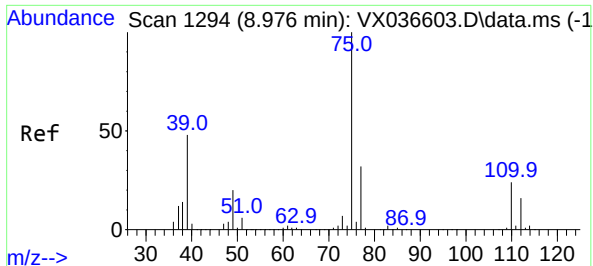
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#52
Toluene
Concen: 54.929 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion: 92 Resp: 266615
Ion Ratio Lower Upper
92 100
91 168.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.813 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 173990

Ion Ratio Lower Upper

75 100

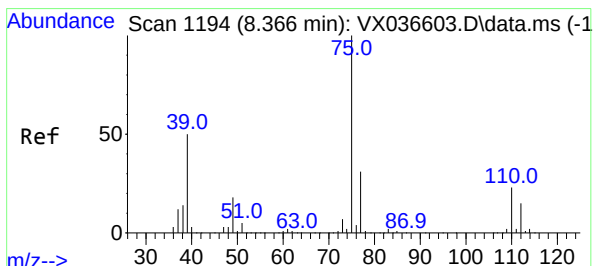
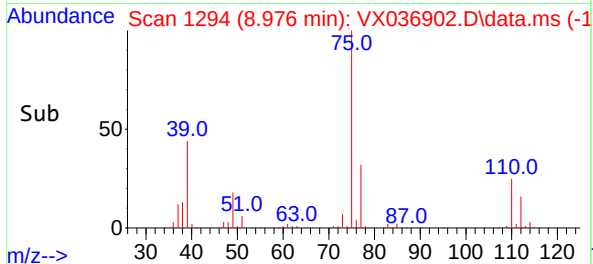
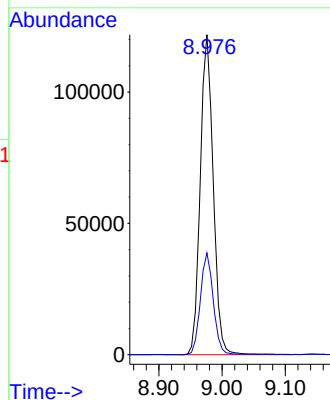
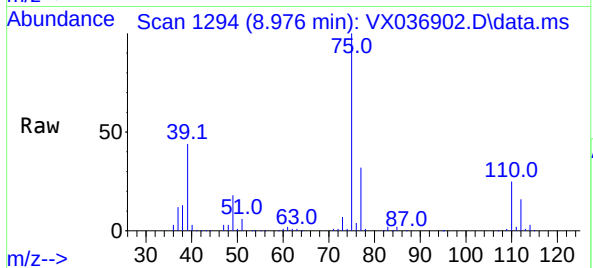
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#54

cis-1,3-Dichloropropene

Concen: 51.639 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

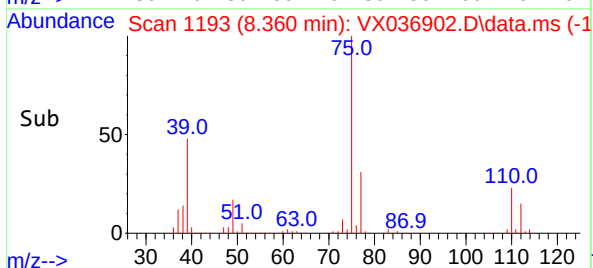
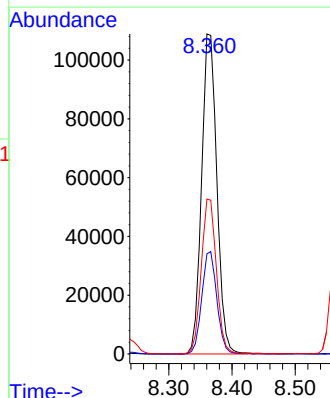
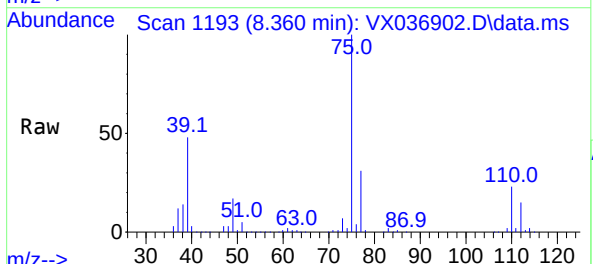
Tgt Ion: 75 Resp: 182988

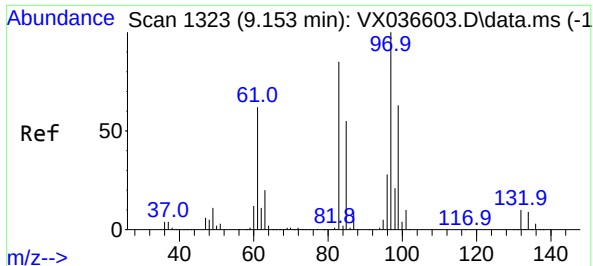
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 48.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.506 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

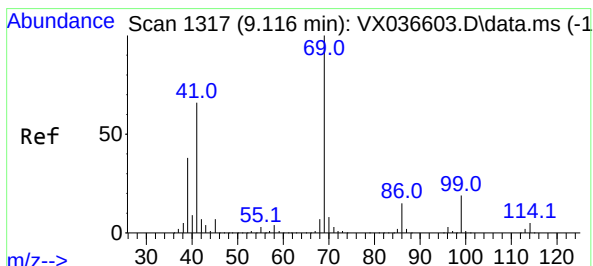
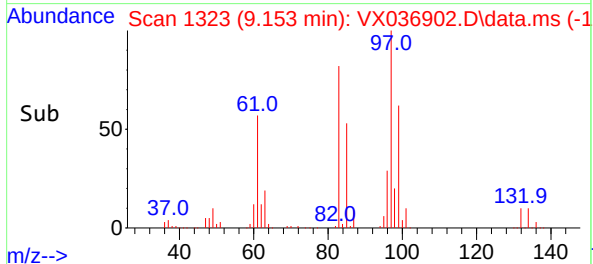
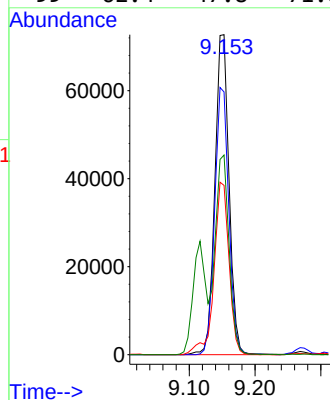
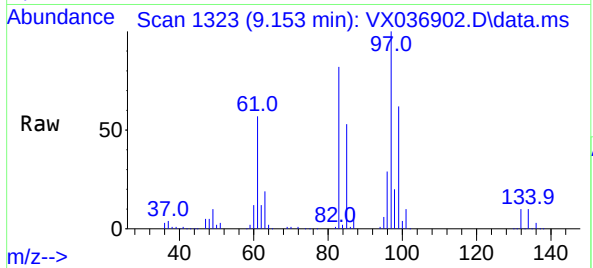
VSTDCCC050

Tgt Ion: 97 Resp: 10917
Ion Ratio Lower Upper
97 100
83 82.1 65.8 98.8
85 52.9 41.6 62.4
99 62.4 47.8 71.8

Manual Integrations

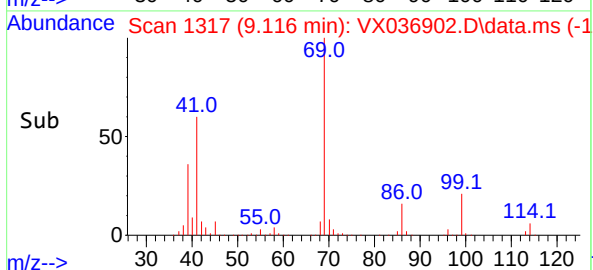
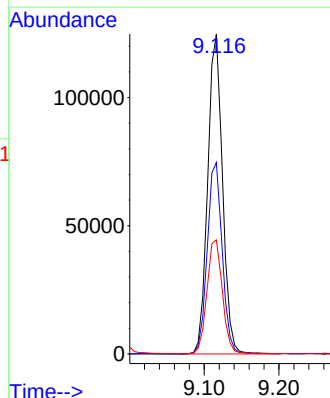
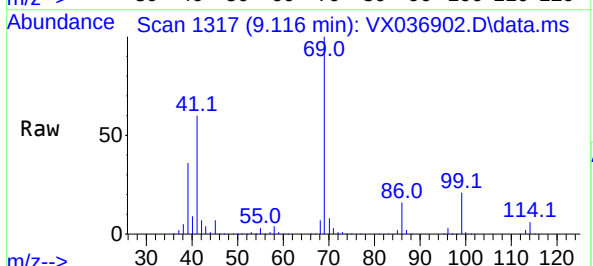
APPROVED

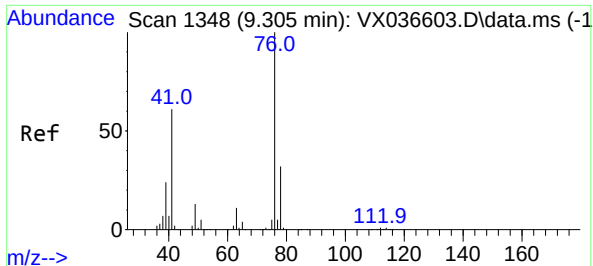
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#56
Ethyl methacrylate
Concen: 51.661 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion: 69 Resp: 171640
Ion Ratio Lower Upper
69 100
41 60.4 56.8 85.2
39 37.0 32.0 48.0





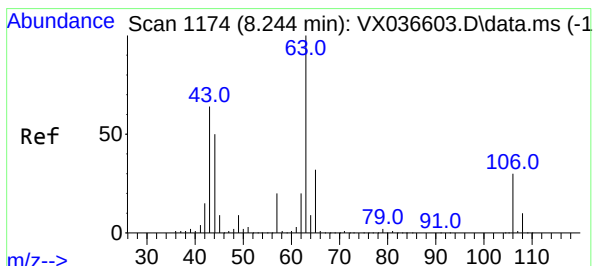
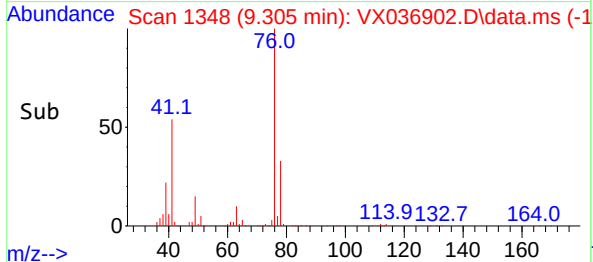
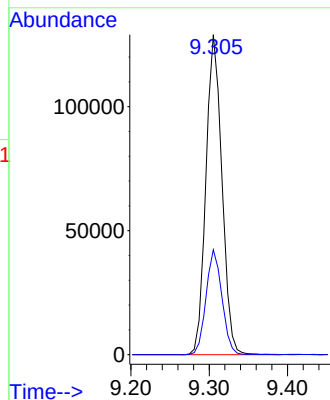
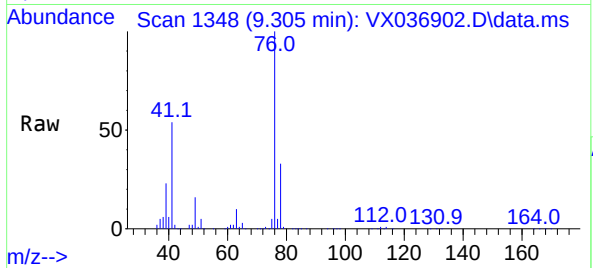
#57
1,3-Dichloropropane
Concen: 53.759 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 18269
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

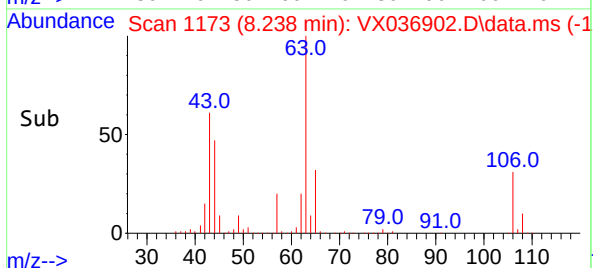
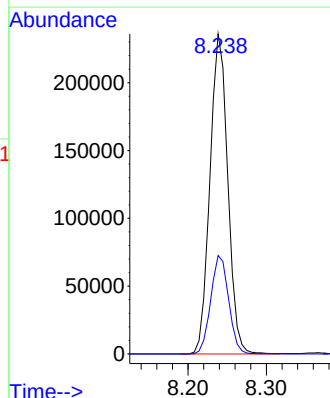
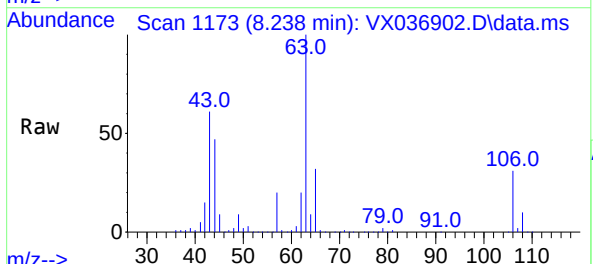
Manual Integrations
APPROVED

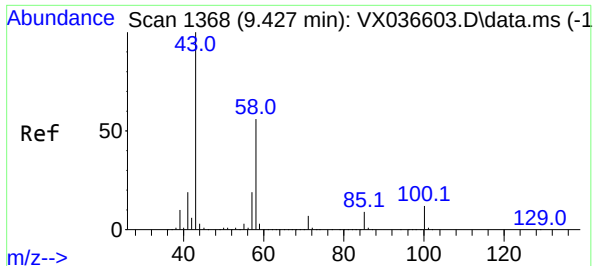
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 227.359 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion: 63 Resp: 372199
Ion Ratio Lower Upper
63 100
106 30.9 22.5 33.7





#59

2-Hexanone

Concen: 252.826 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 538652

Ion Ratio Lower Upper

43 100

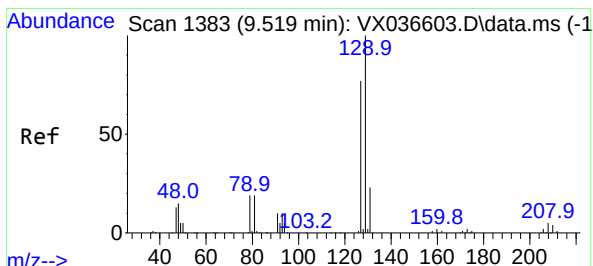
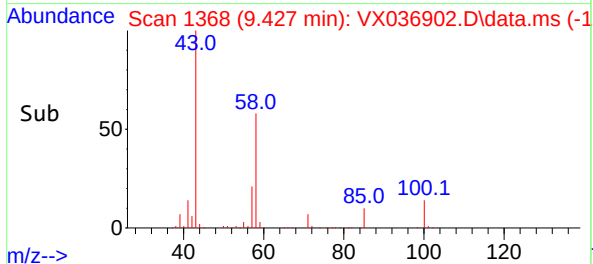
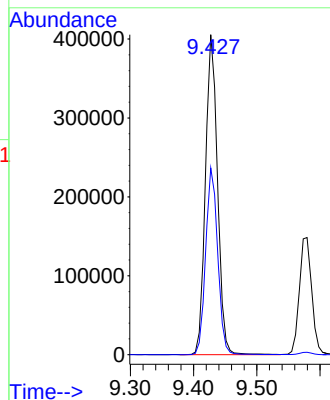
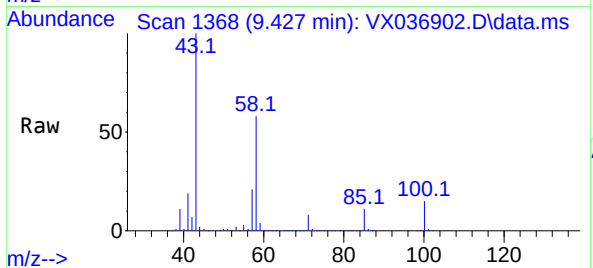
58 58.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#60

Dibromochloromethane

Concen: 54.895 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036902.D

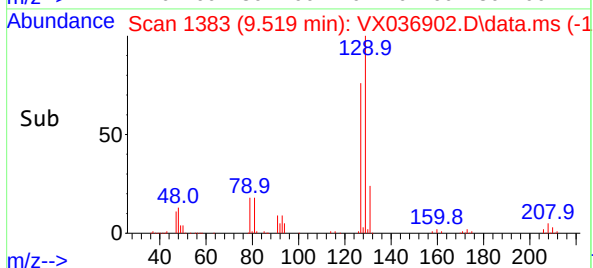
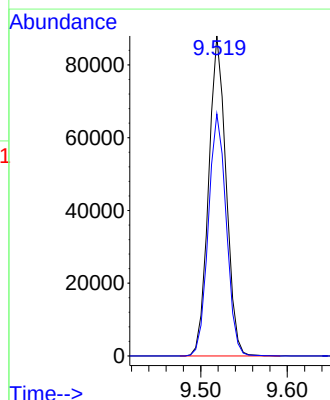
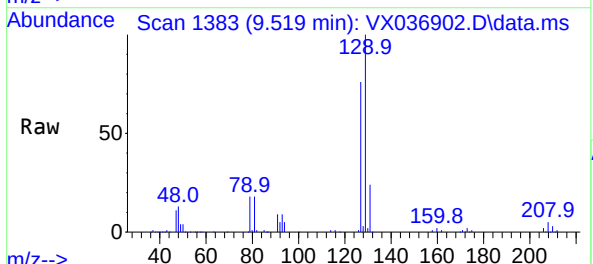
Acq: 10 Aug 2023 09:26

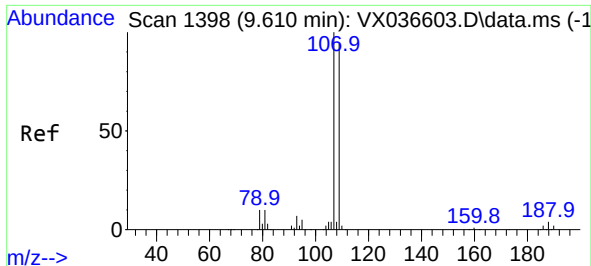
Tgt Ion:129 Resp: 123106

Ion Ratio Lower Upper

129 100

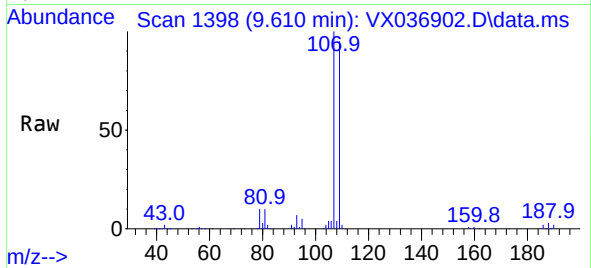
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.658 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

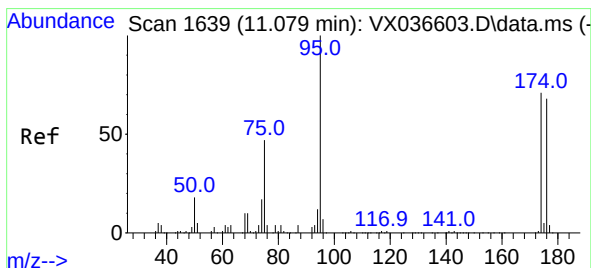
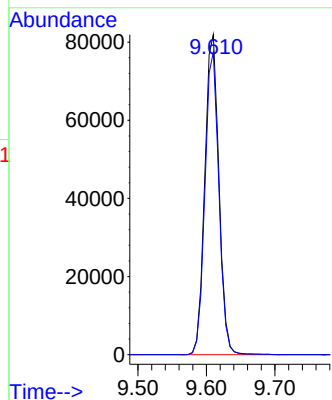
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



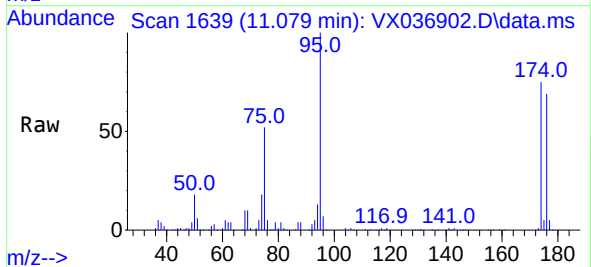
Tgt Ion:107 Resp: 11769
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

Manual Integrations
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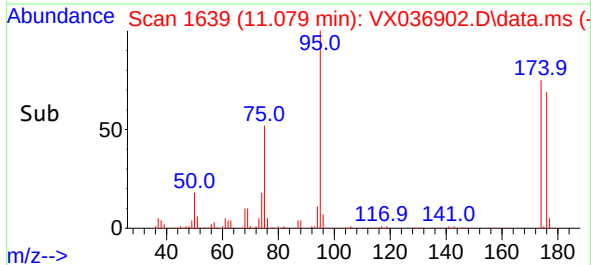
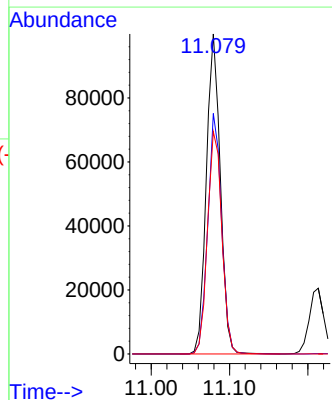
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

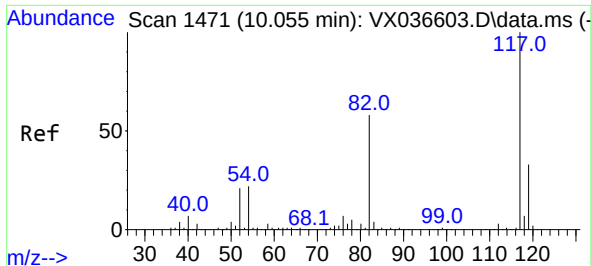


#62
4-Bromofluorobenzene
Concen: 51.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



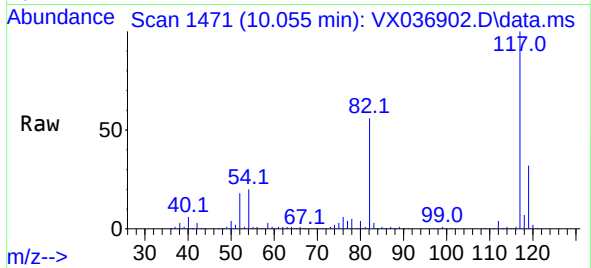
Tgt Ion: 95 Resp: 123174
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

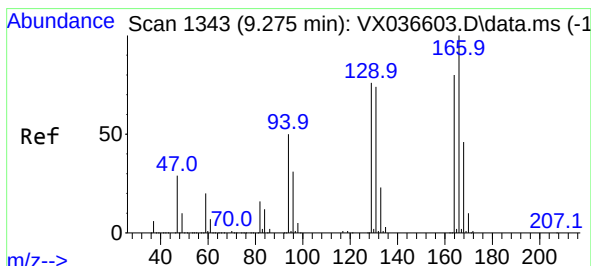
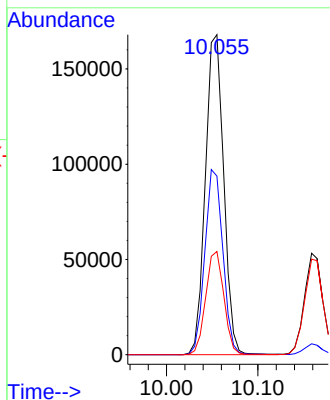
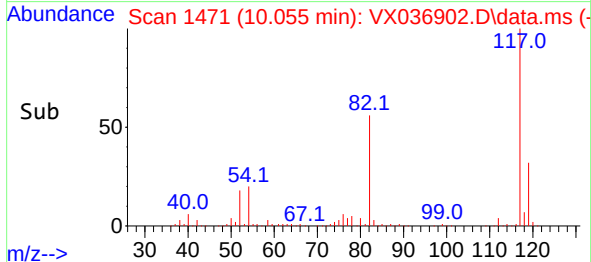
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



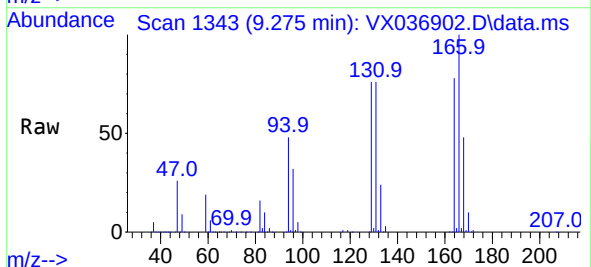
Tgt Ion:117 Resp: 233568
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.3 25.5 38.3

Manual Integrations
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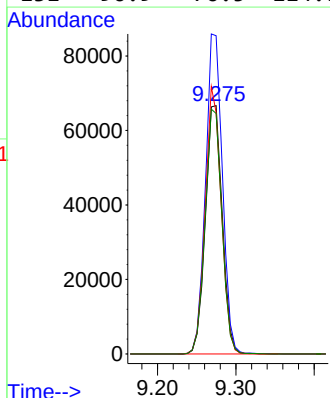
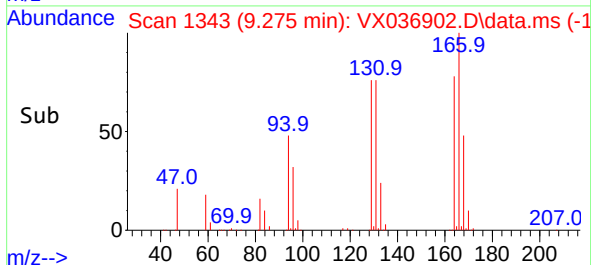
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

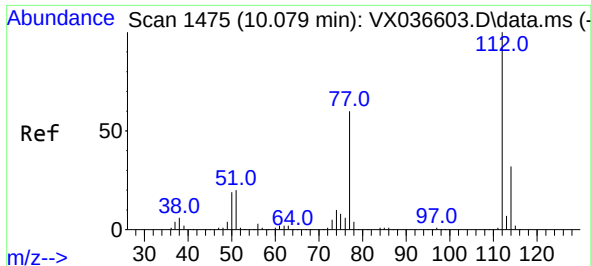


#64
Tetrachloroethene
Concen: 57.298 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



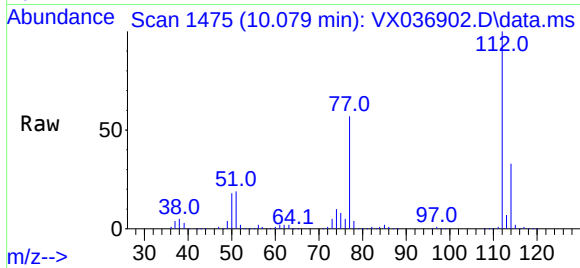
Tgt Ion:164 Resp: 99822
Ion Ratio Lower Upper
164 100
166 128.2 102.7 154.1
129 97.3 80.4 120.6
131 96.9 76.5 114.7





#65
Chlorobenzene
Concen: 54.692 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

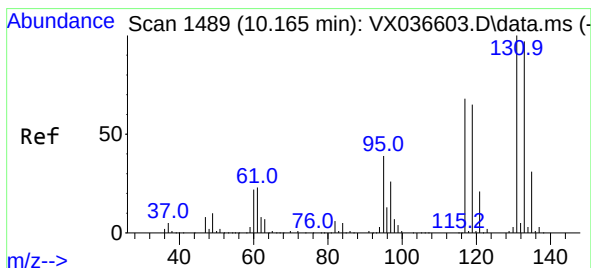
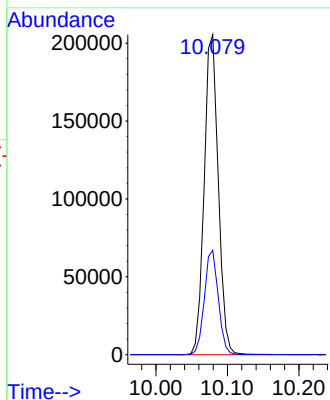
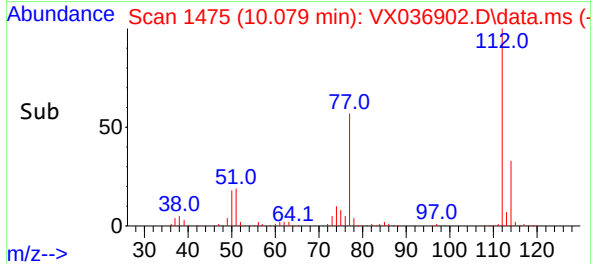
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



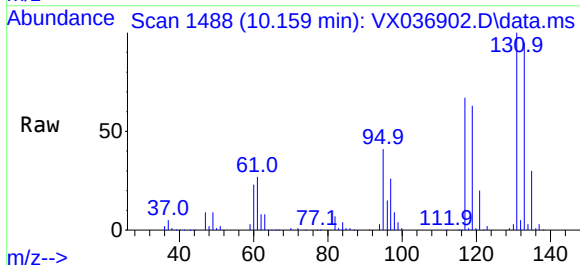
Tgt Ion:112 Resp: 281580
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

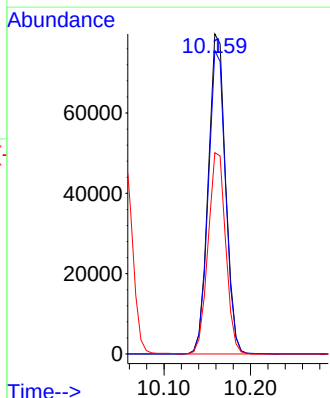
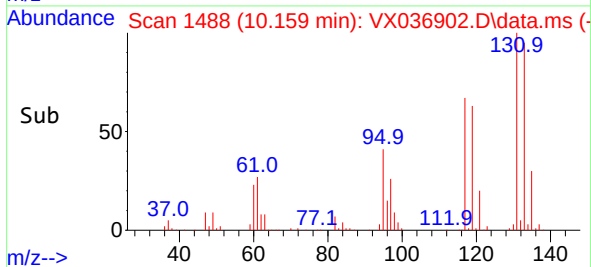
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

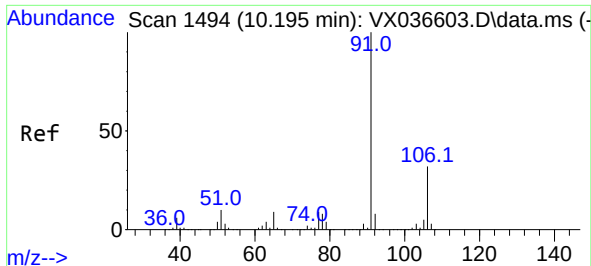


#66
1,1,1,2-Tetrachloroethane
Concen: 55.590 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion:131 Resp: 110621
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 63.9 32.2 96.6





#67

Ethyl Benzene

Concen: 53.953 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX036902.D

Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 507450

Ion Ratio Lower Upper

91 100

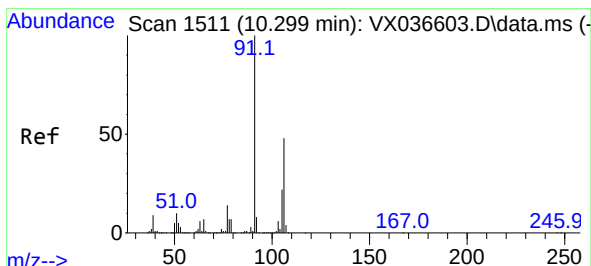
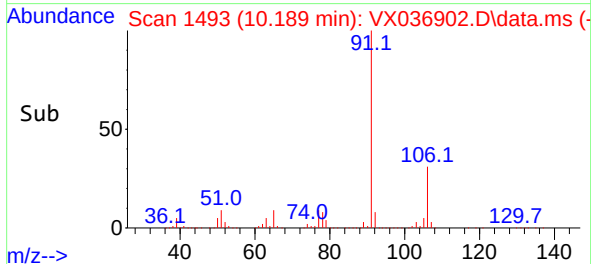
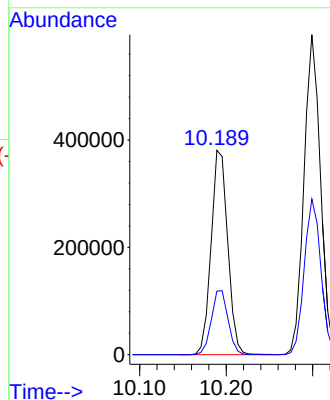
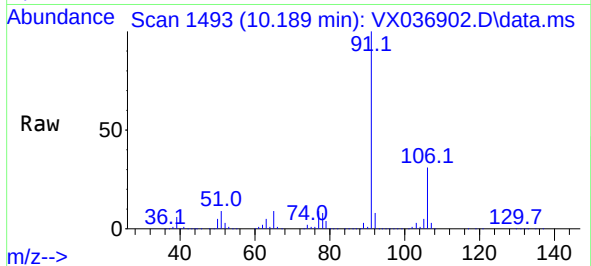
106 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#68

m/p-Xylenes

Concen: 110.606 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX036902.D

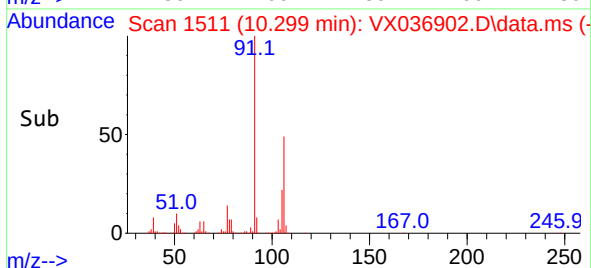
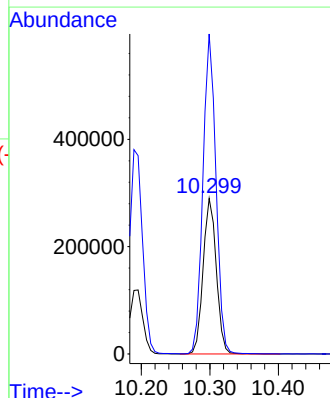
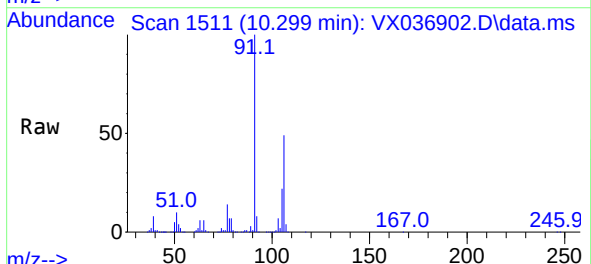
Acq: 10 Aug 2023 09:26

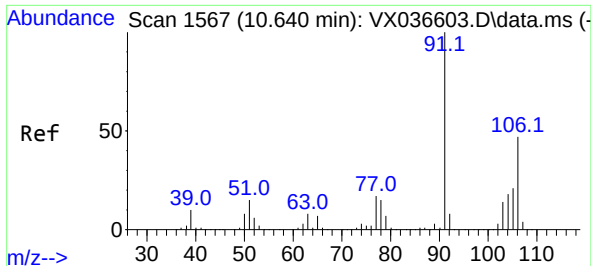
Tgt Ion:106 Resp: 388142

Ion Ratio Lower Upper

106 100

91 203.2 165.5 248.3





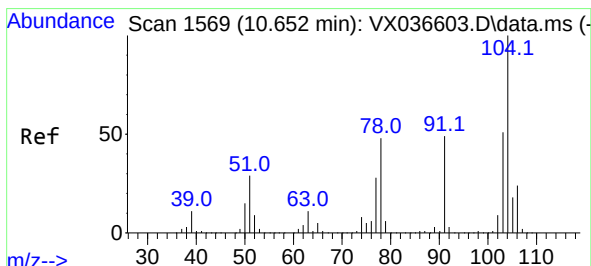
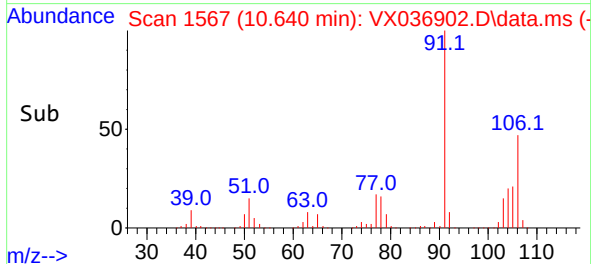
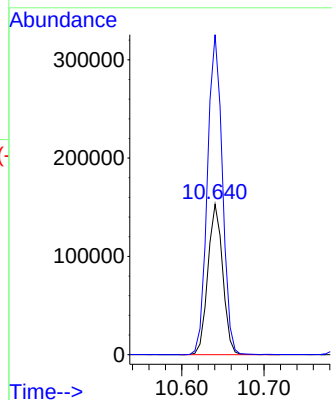
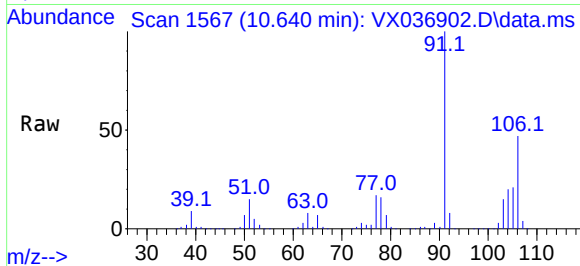
#69
o-Xylene
Concen: 54.681 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 19153
Ion Ratio Lower Upper
106 100
91 215.0 108.9 326.8

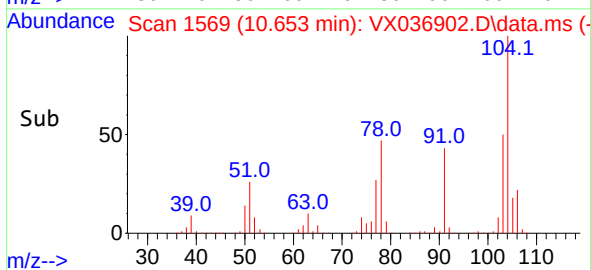
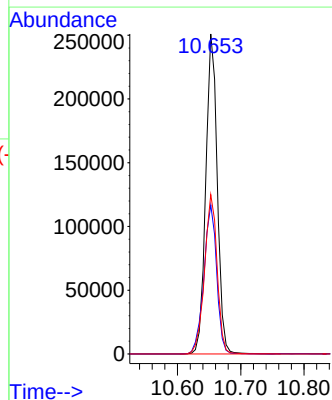
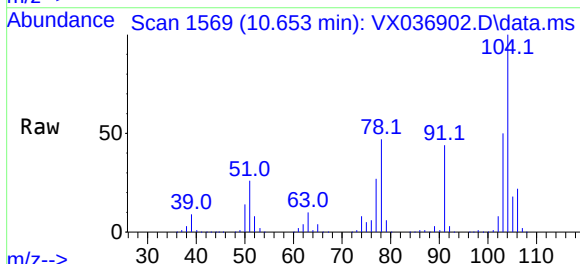
Manual Integrations
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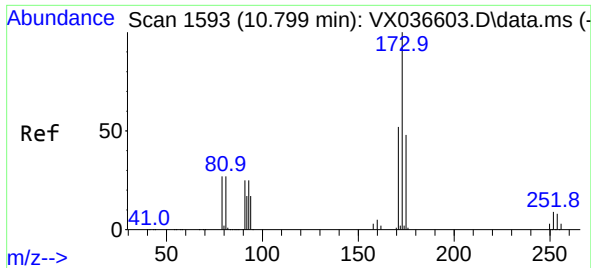
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#70
Styrene
Concen: 55.002 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

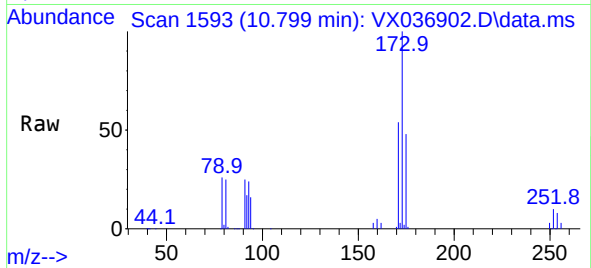
Tgt Ion:104 Resp: 317868
Ion Ratio Lower Upper
104 100
78 52.0 43.6 65.4
103 54.6 43.6 65.4





#71
Bromoform
Concen: 53.718 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

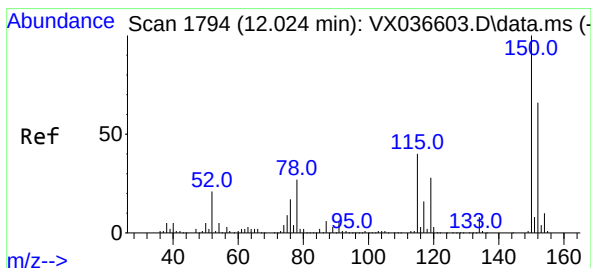
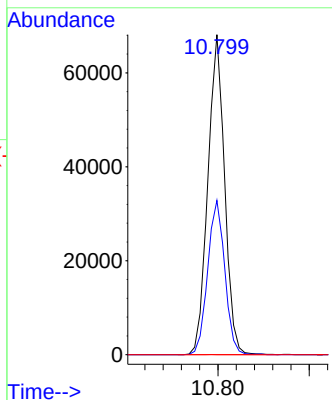
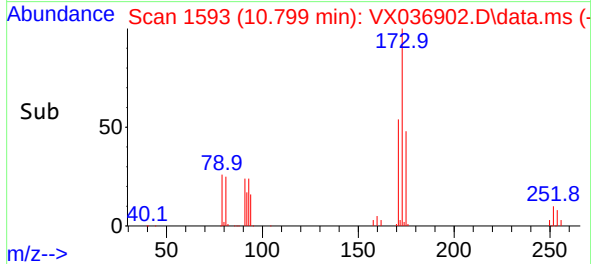
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



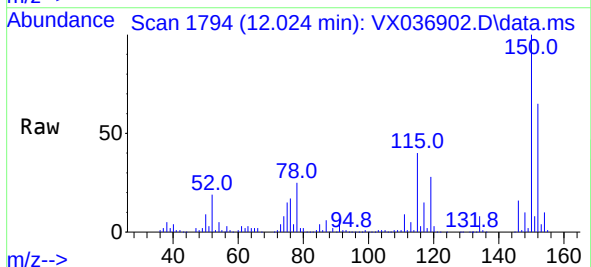
Tgt Ion:173 Resp: 86532
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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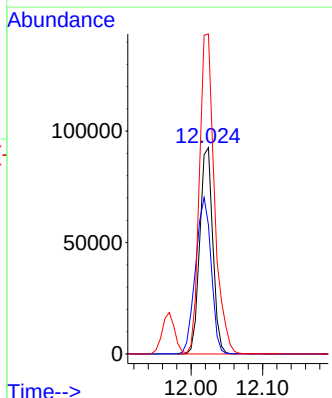
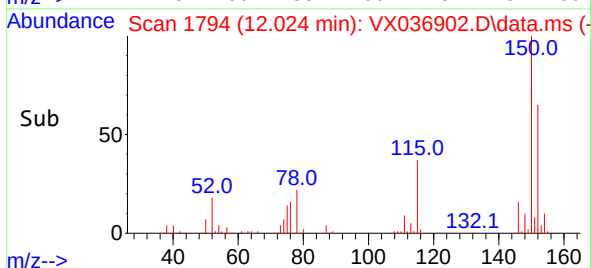
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

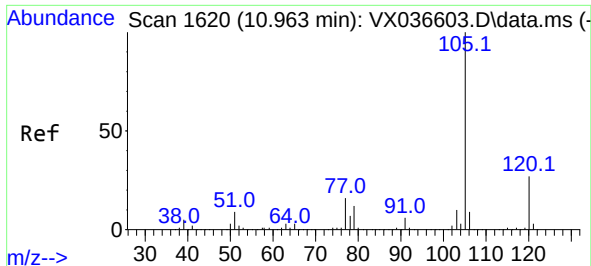


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion:152 Resp: 117393
Ion Ratio Lower Upper
152 100
115 90.8 43.3 129.9
150 178.2 0.0 345.0





#73
Isopropylbenzene
Concen: 51.075 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

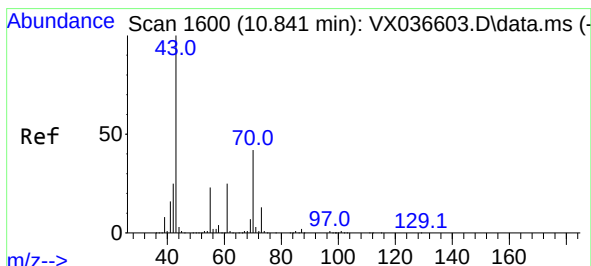
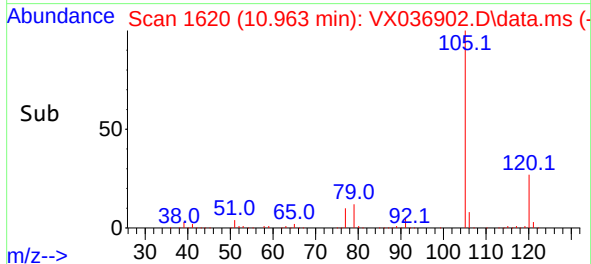
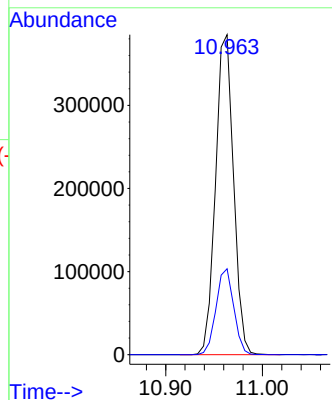
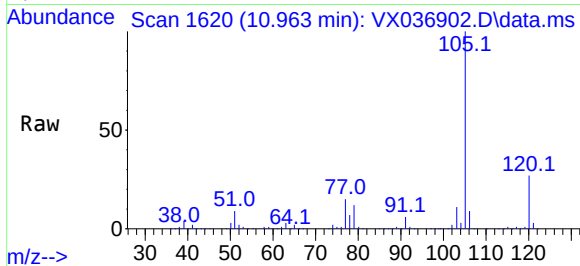
VSTDCCC050

Tgt Ion:105 Resp: 496209
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

Manual Integrations

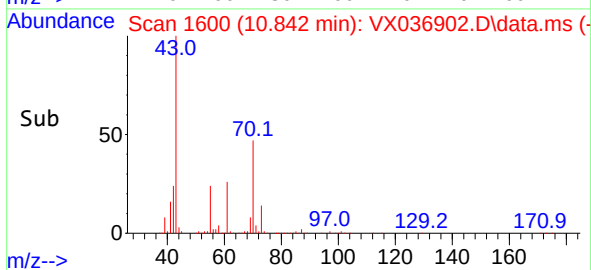
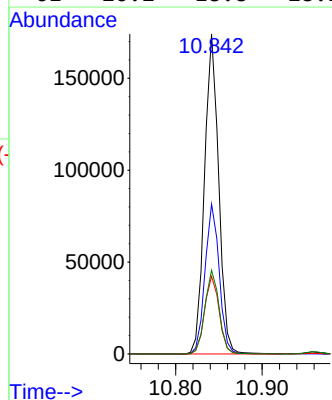
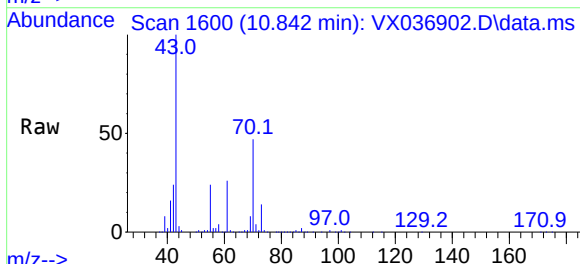
APPROVED

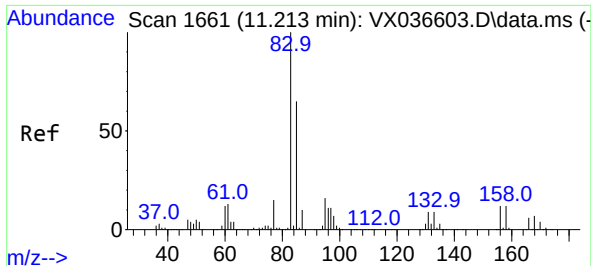
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#74
N-ethyl acetate
Concen: 43.703 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion: 43 Resp: 197997
Ion Ratio Lower Upper
43 100
70 47.1 32.9 49.3
55 24.9 19.3 28.9
61 26.2 18.8 28.2





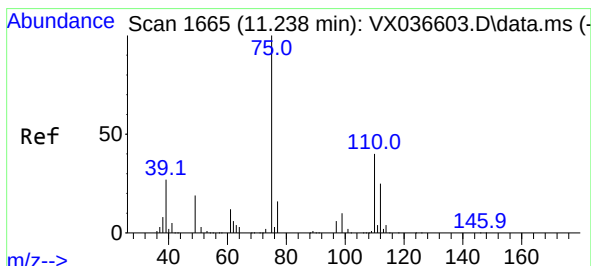
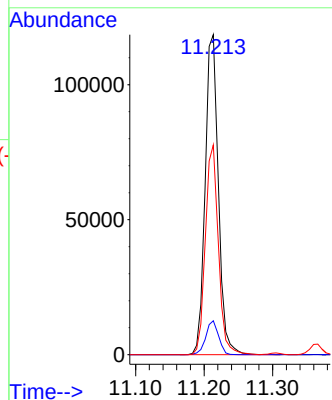
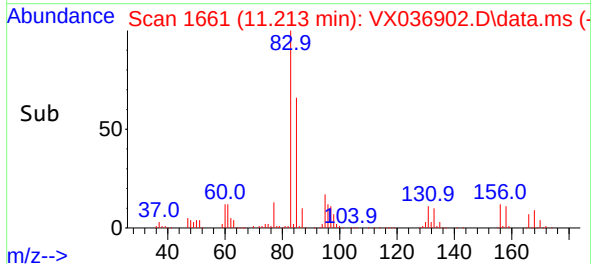
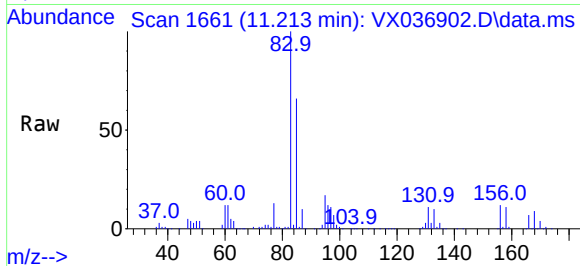
#75
1,1,2,2-Tetrachloroethane
Concen: 48.433 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 158920
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.8 32.0 96.2

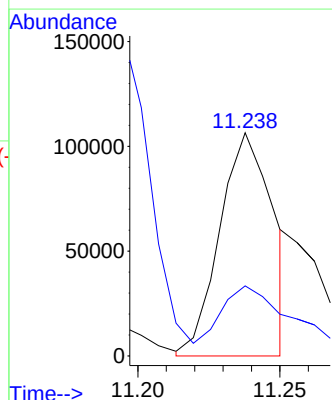
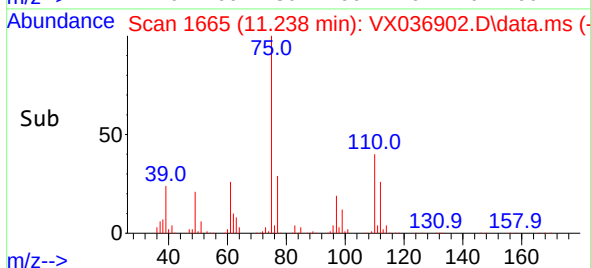
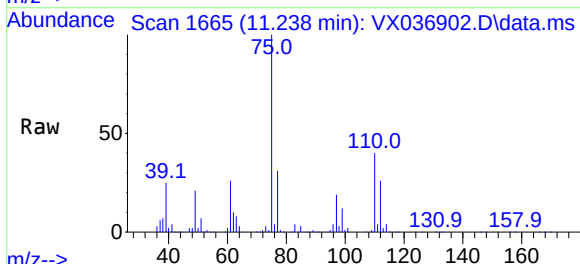
Manual Integrations
APPROVED

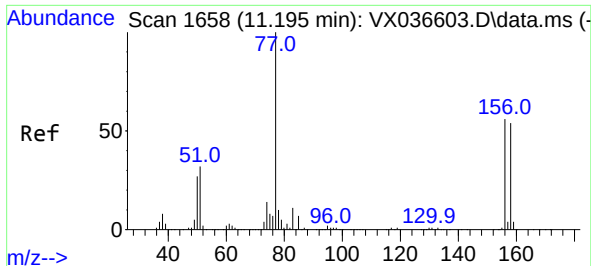
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#76
1,2,3-Trichloropropane
Concen: 50.340 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

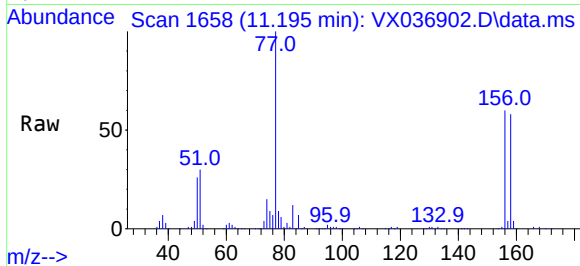
Tgt Ion: 75 Resp: 139000
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77
Bromobenzene
Concen: 52.898 ug/l
RT: 11.195 min Scan# 11703
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

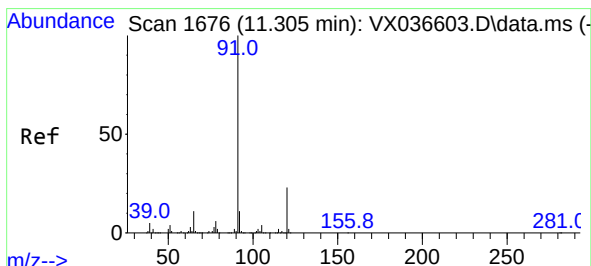
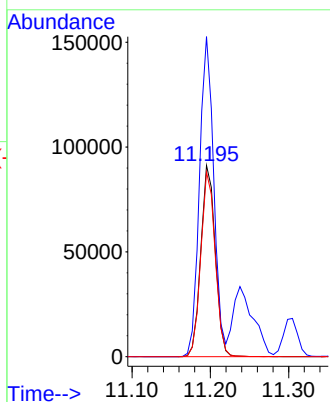
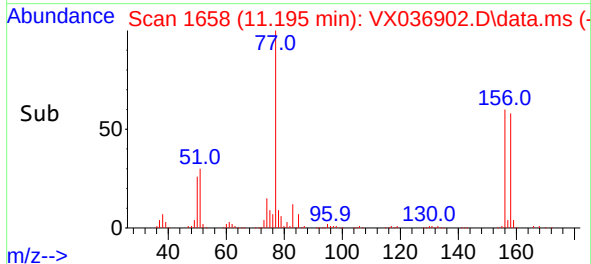
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



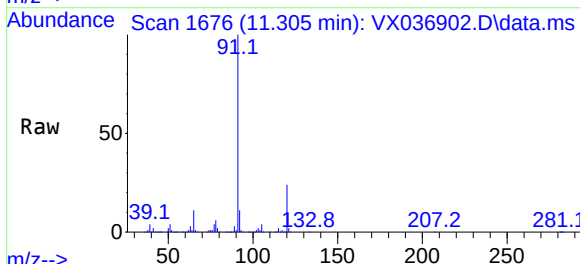
Tgt Ion:156 Resp: 11703
Ion Ratio Lower Upper
156 100
77 165.2 88.4 265.3
158 96.2 48.0 144.0

Manual Integrations
APPROVED

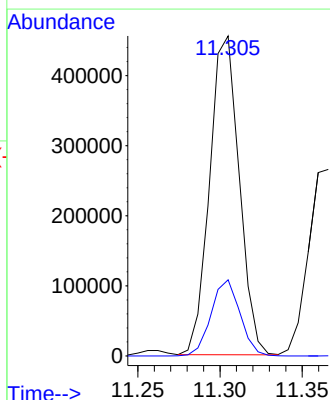
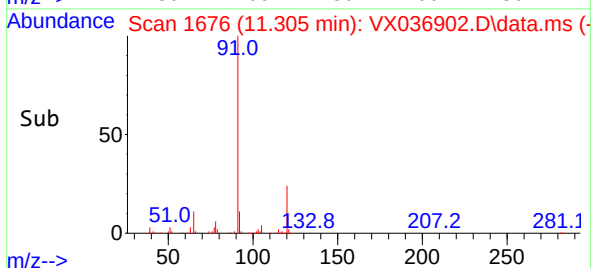
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

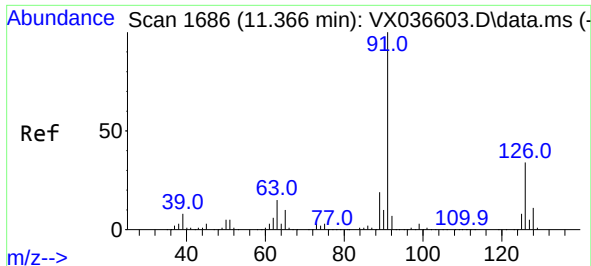


#78
n-propylbenzene
Concen: 50.723 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion: 91 Resp: 569917
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





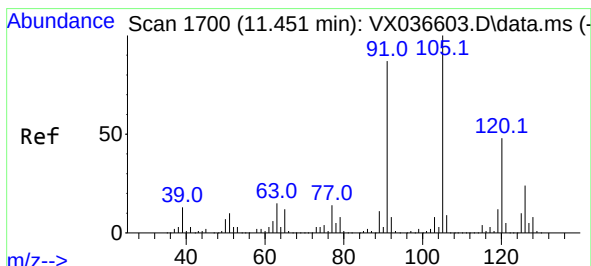
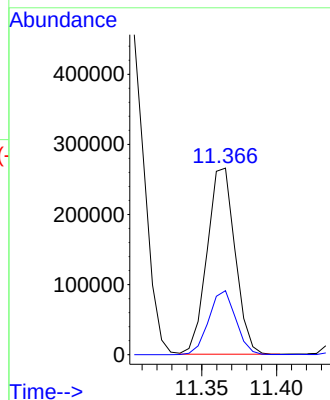
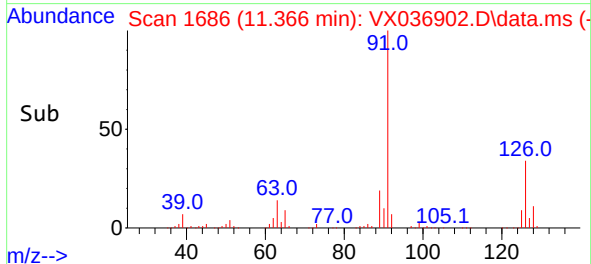
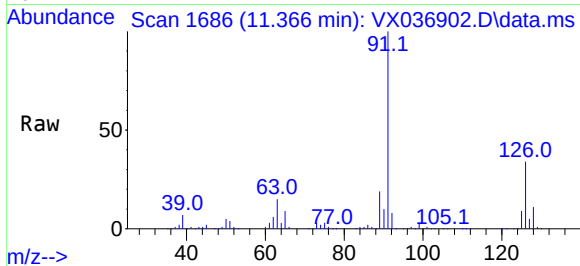
#79
2-Chlorotoluene
Concen: 50.779 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 345728
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

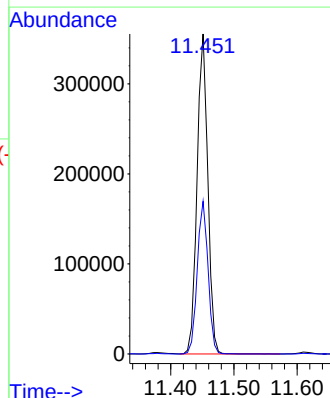
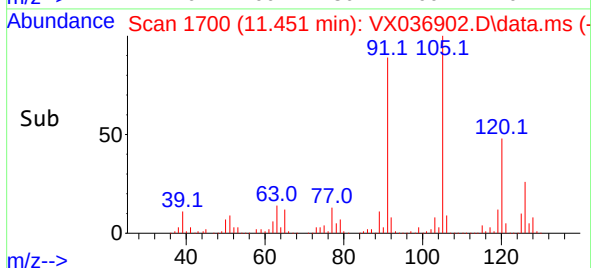
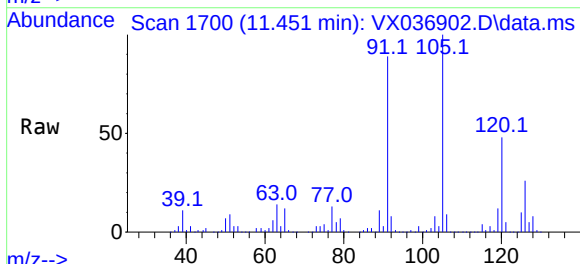
Manual Integrations
APPROVED

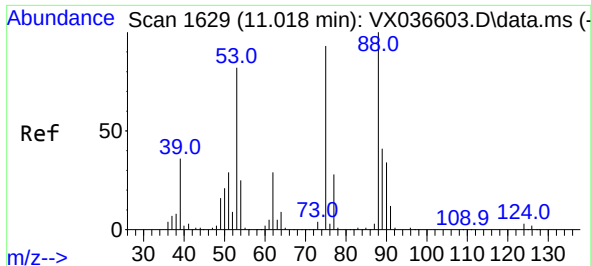
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.614 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

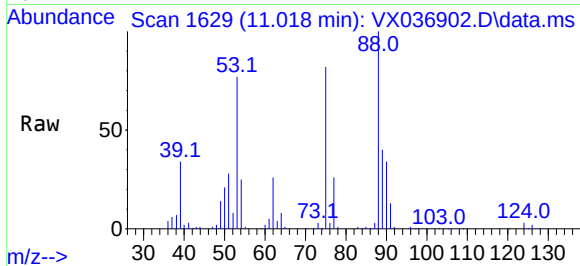
Tgt Ion:105 Resp: 419493
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.558 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

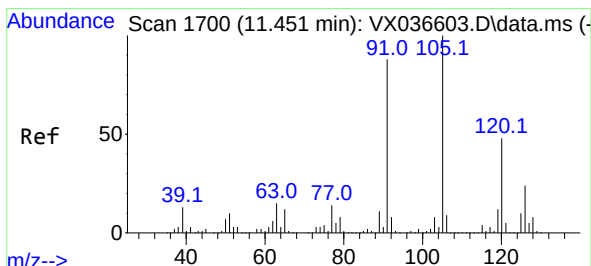
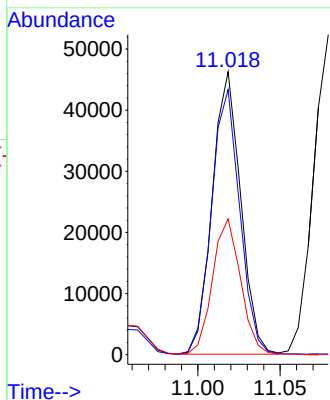
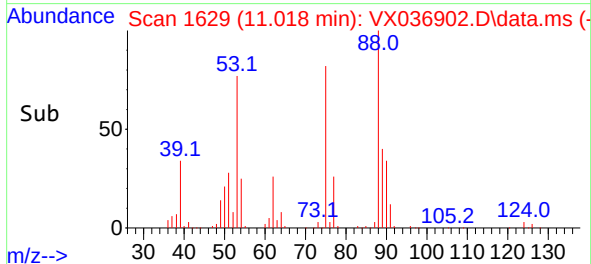
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



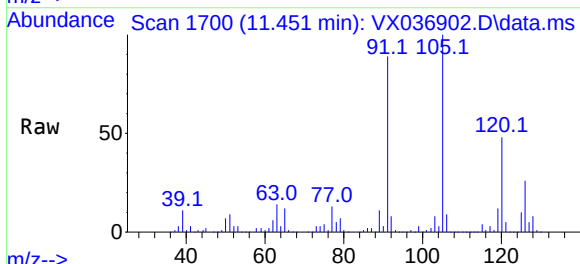
Tgt Ion: 75 Resp: 5550
Ion Ratio Lower Upper
75 100
53 93.4 90.5 135.7
89 47.8 36.9 55.3

Manual Integrations
APPROVED

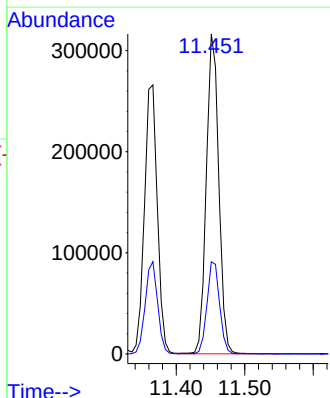
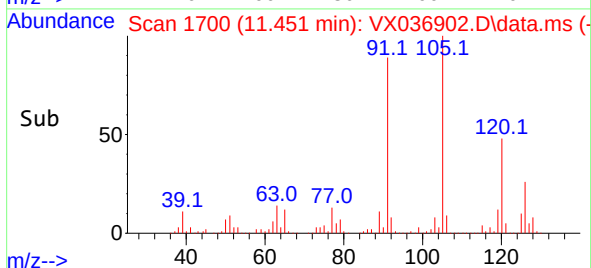
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

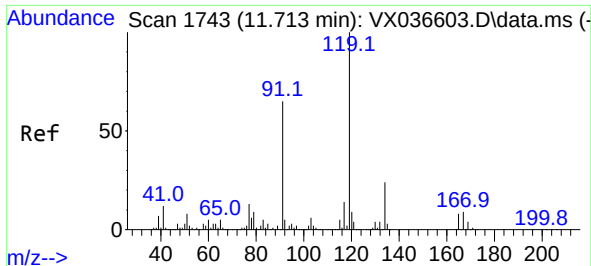


#82
4-Chlorotoluene
Concen: 51.536 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



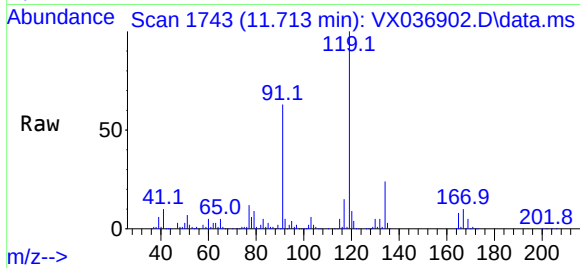
Tgt Ion: 91 Resp: 399792
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.752 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

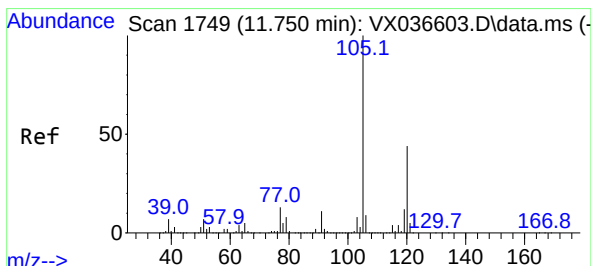
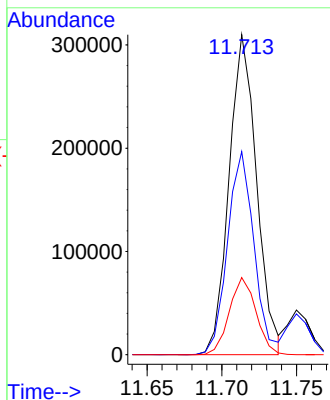
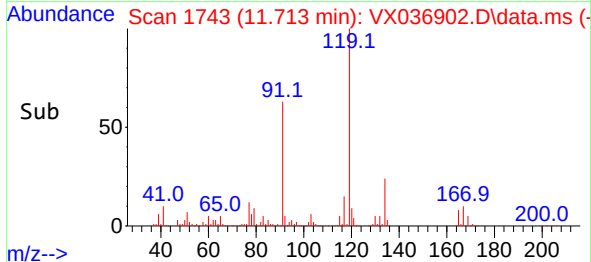
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



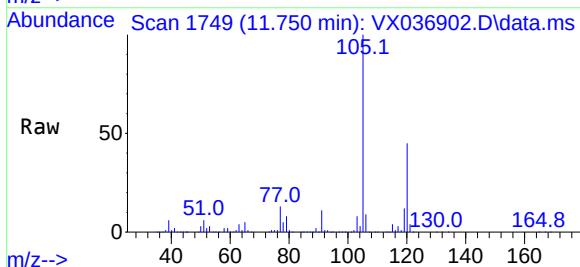
Tgt Ion:119 Resp: 39724
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 23.4 11.7 35.0

Manual Integrations
APPROVED

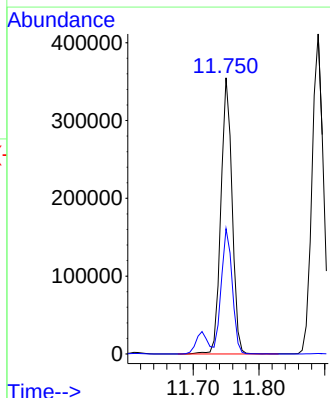
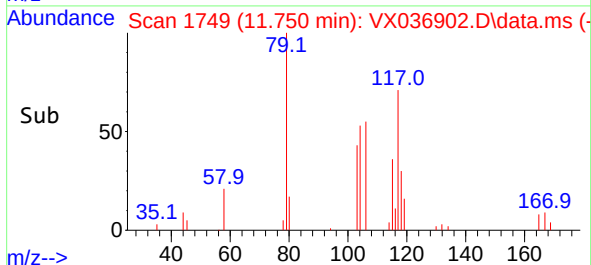
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

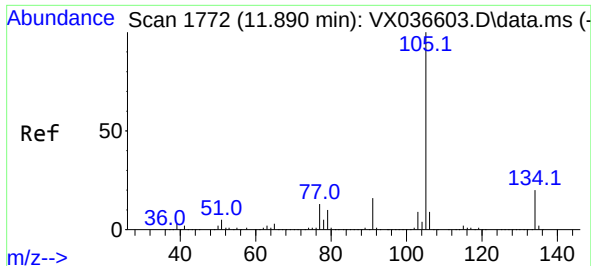


#84
1,2,4-Trimethylbenzene
Concen: 51.582 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion:105 Resp: 419273
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.431 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036902.D
 Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

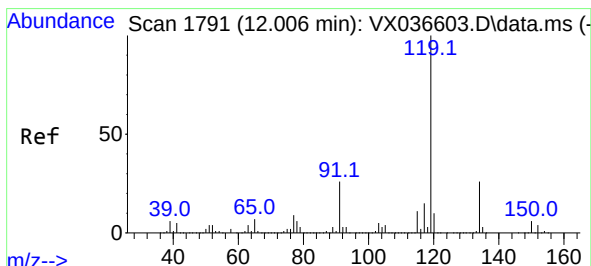
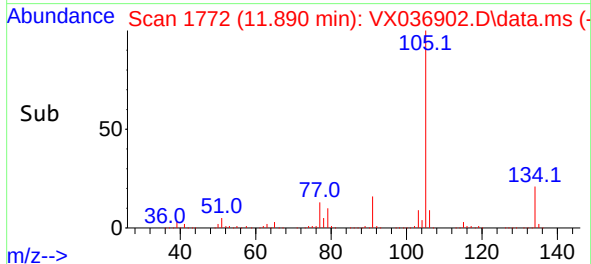
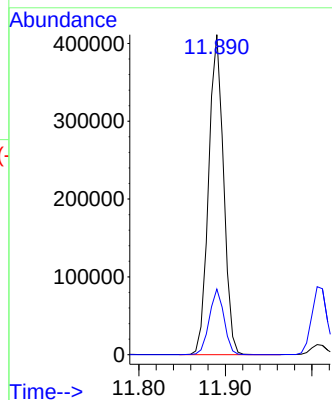
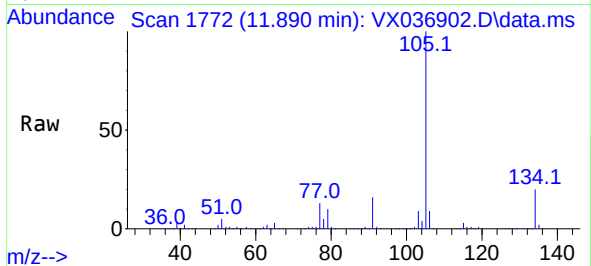
VSTDCCC050

Tgt Ion:105 Resp: 492210
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations

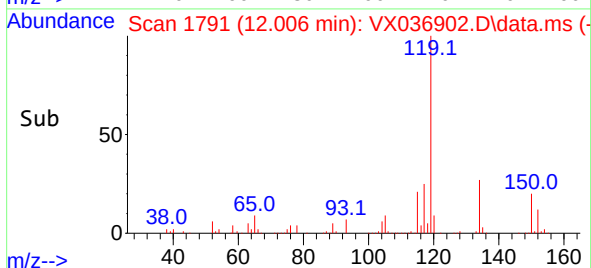
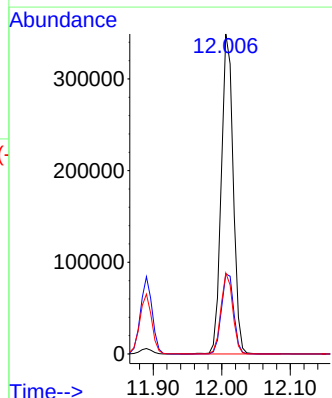
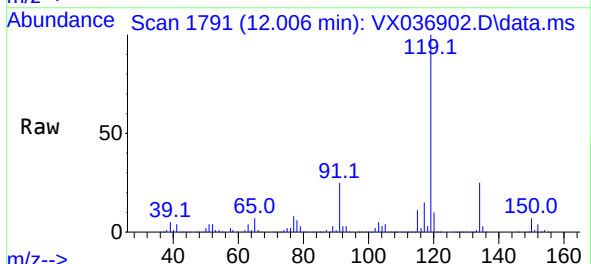
APPROVED

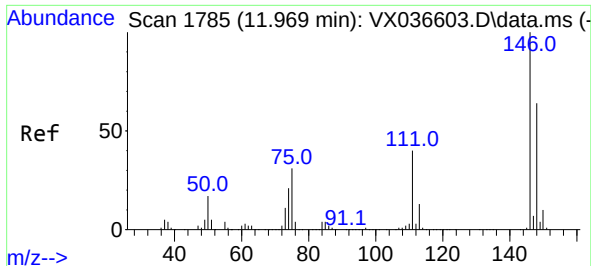
Reviewed By :John Carlone 08/11/2023
 Supervised By :Mahesh Dadoda 08/11/2023



#86
 p-Isopropyltoluene
 Concen: 51.067 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036902.D
 Acq: 10 Aug 2023 09:26

Tgt Ion:119 Resp: 418414
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.1 13.1 39.3





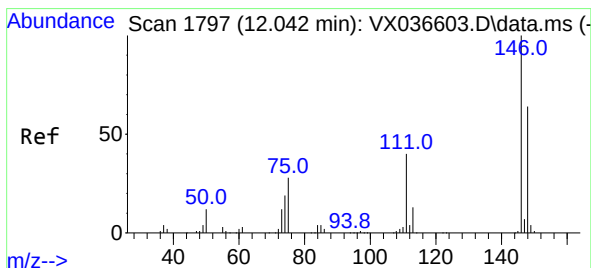
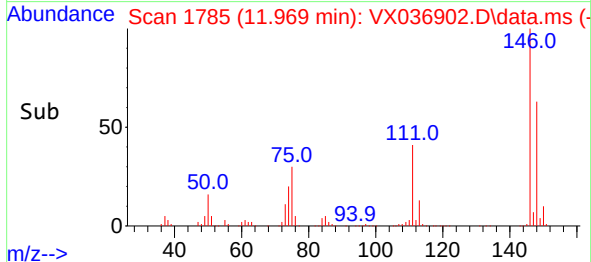
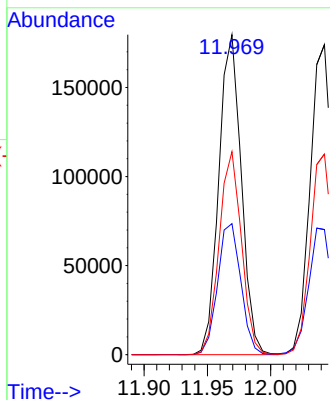
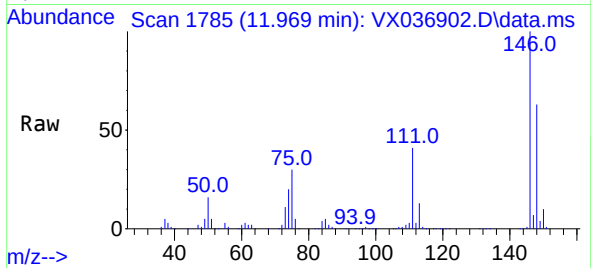
#87
1,3-Dichlorobenzene
Concen: 54.176 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 222000
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.1
148 63.1 31.8 95.3

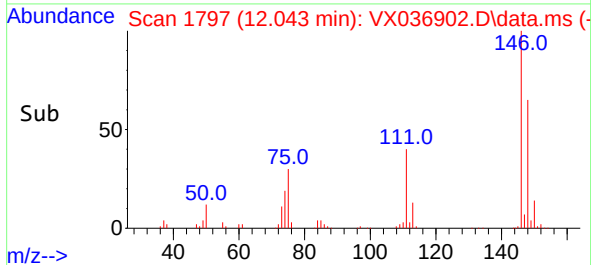
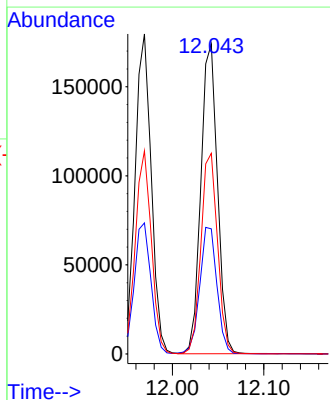
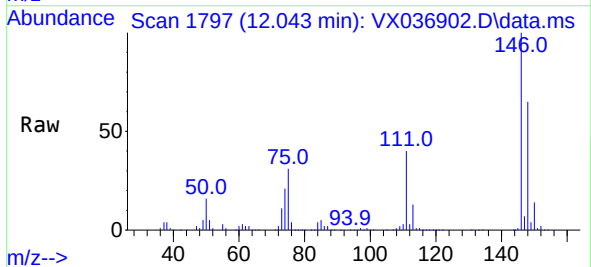
Manual Integrations
APPROVED

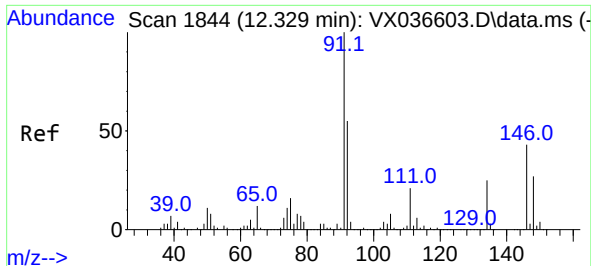
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#88
1,4-Dichlorobenzene
Concen: 53.994 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Tgt Ion:146 Resp: 219579
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 64.8 31.8 95.4





#89
n-Butylbenzene
Concen: 48.997 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

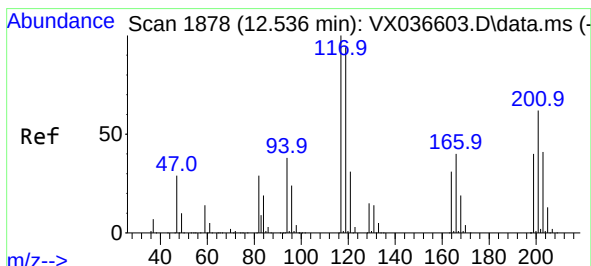
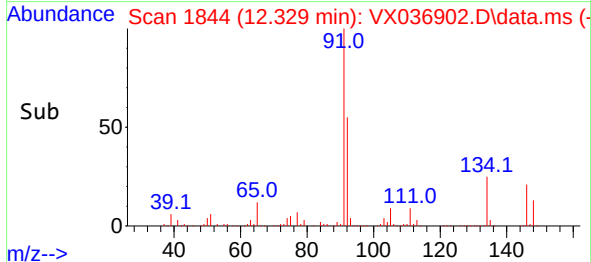
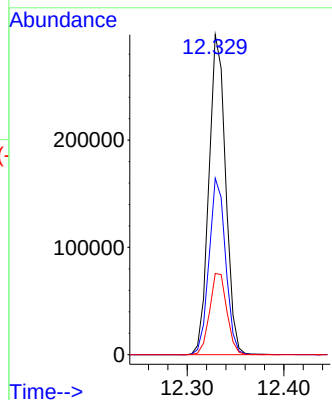
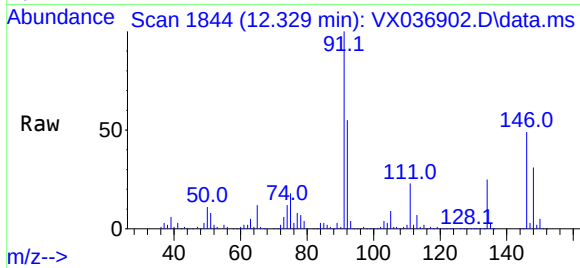
VSTDCCC050

Tgt Ion: 91 Resp: 35937
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 26.2 12.6 37.8

Manual Integrations

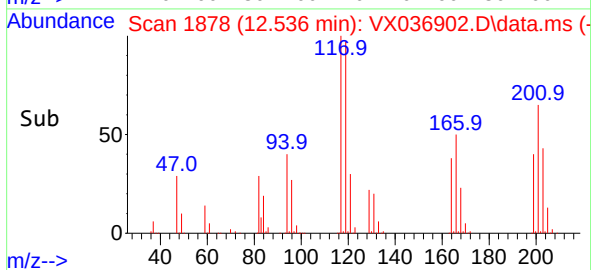
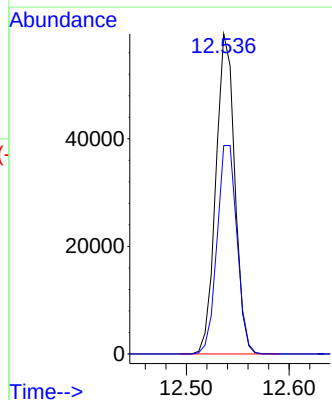
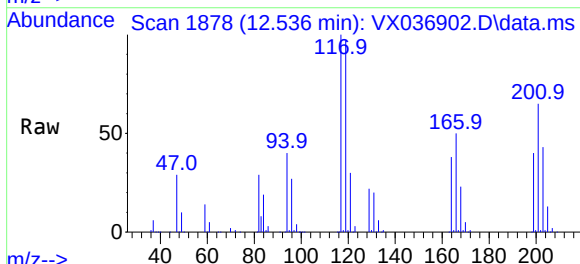
APPROVED

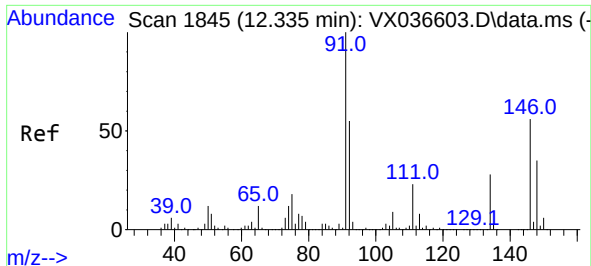
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#90
Hexachloroethane
Concen: 45.631 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

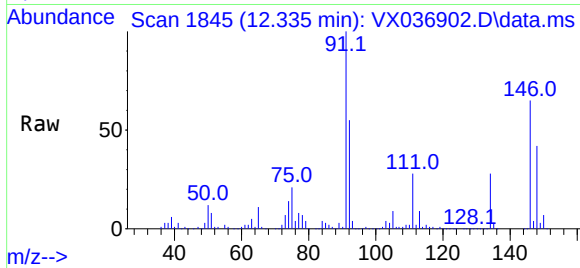
Tgt Ion:117 Resp: 75795
Ion Ratio Lower Upper
117 100
201 68.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 54.062 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

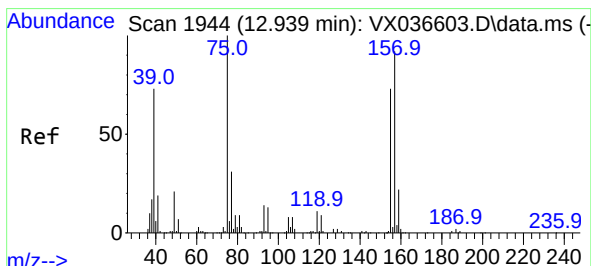
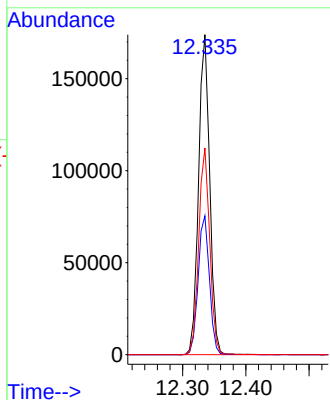
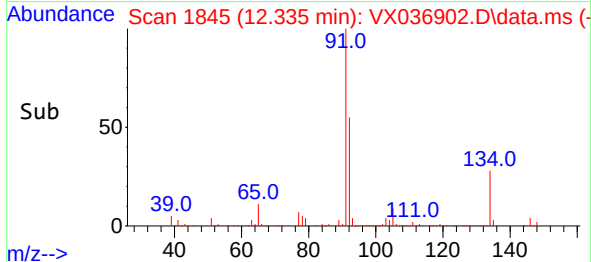
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



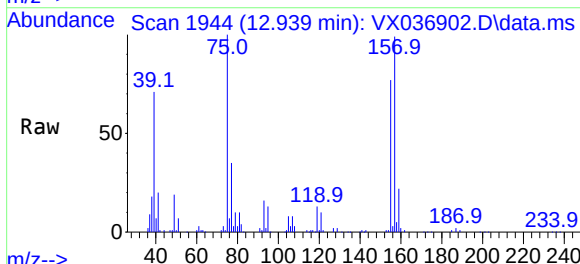
Tgt Ion:146 Resp: 21378
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

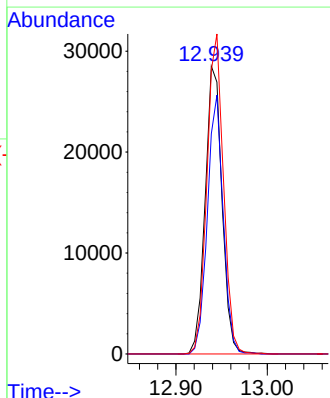
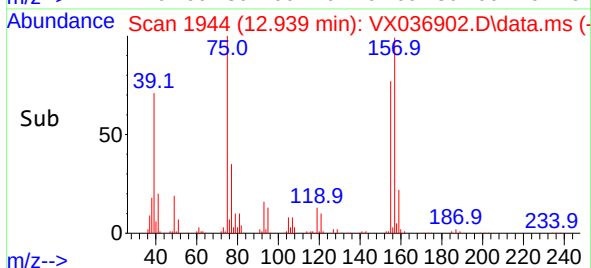
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

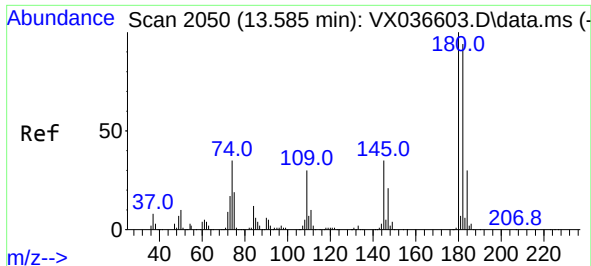


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.753 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion: 75 Resp: 36412
Ion Ratio Lower Upper
75 100
155 84.5 36.1 108.5
157 108.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 52.810 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

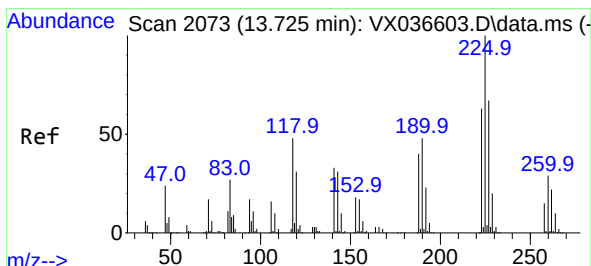
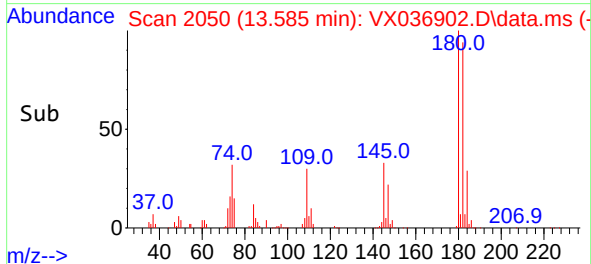
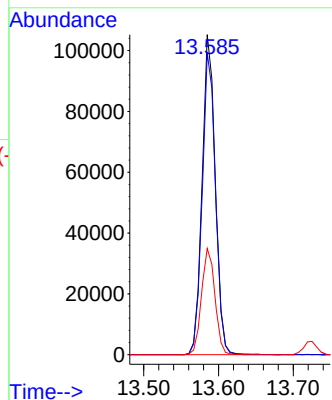
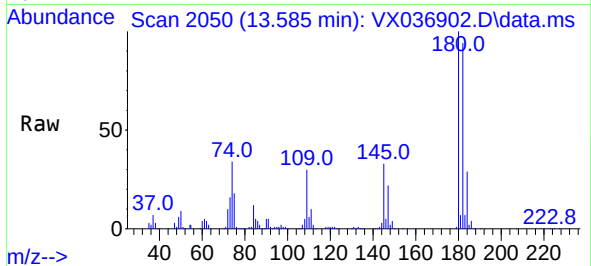
VSTDCCC050

Tgt Ion:180 Resp: 128662
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 33.8 18.0 54.0

Manual Integrations

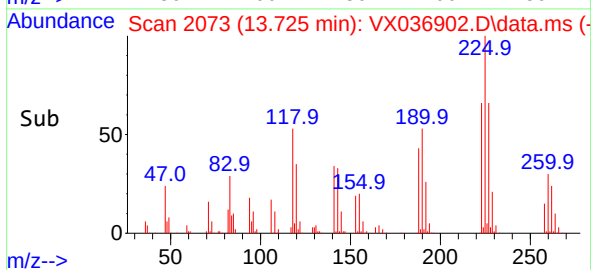
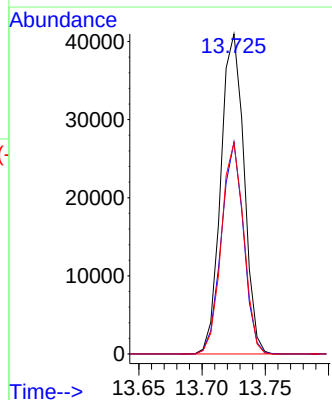
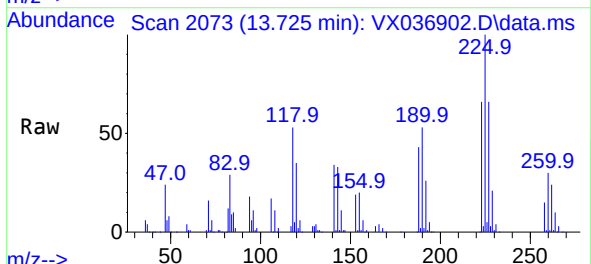
APPROVED

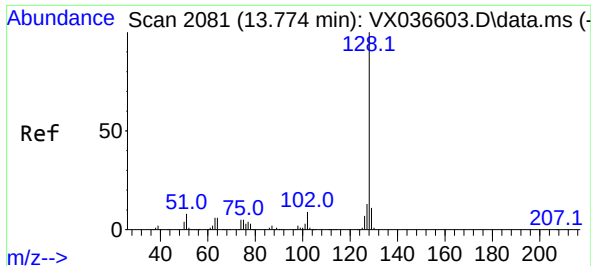
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#94
Hexachlorobutadiene
Concen: 51.730 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

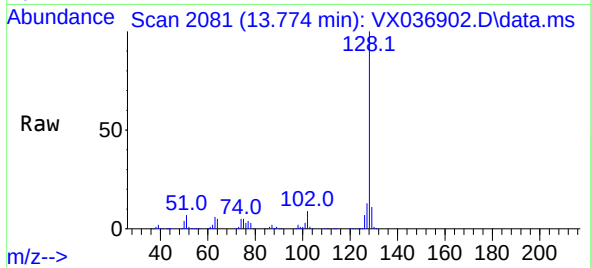
Tgt Ion:225 Resp: 52139
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 53.858 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26

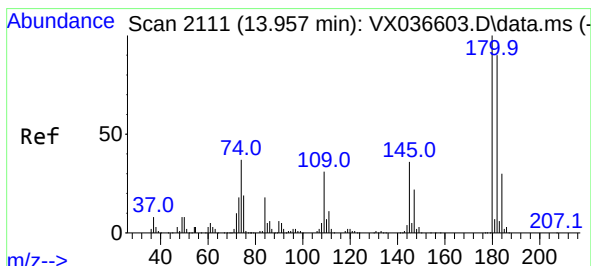
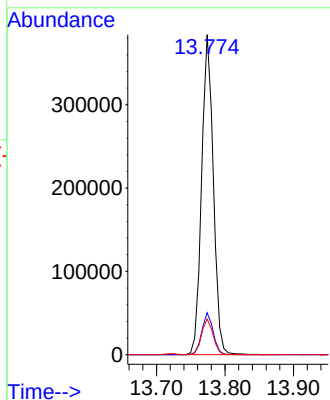
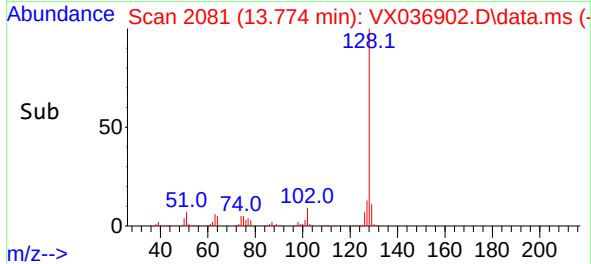
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



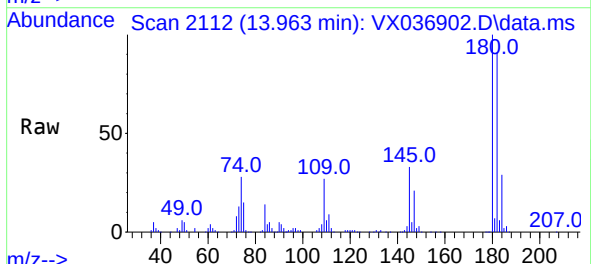
Tgt Ion:128 Resp: 457249
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.216 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036902.D
Acq: 10 Aug 2023 09:26



Tgt Ion:180 Resp: 127785
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 34.9 17.8 53.5

