

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044240.D
 Acq On : 12 Dec 2024 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 13 02:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	215809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107235	49.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.840%		
35) Dibromofluoromethane	5.379	113	79085	52.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.820%		
50) Toluene-d8	8.647	98	271221	53.786	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.580%		
62) 4-Bromofluorobenzene	11.079	95	96349	54.681	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	109.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97086	51.253	ug/l	99
3) Chloromethane	1.294	50	82989	45.814	ug/l	98
4) Vinyl Chloride	1.374	62	91655	48.568	ug/l	97
5) Bromomethane	1.593	94	64709	48.333	ug/l	96
6) Chloroethane	1.666	64	59117	50.308	ug/l	99
7) Trichlorofluoromethane	1.867	101	191613	51.865	ug/l	99
8) Diethyl Ether	2.130	74	56662	44.932	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	76606	51.243	ug/l	99
10) Methyl Iodide	2.440	142	93518	47.463	ug/l	100
11) Tert butyl alcohol	2.995	59	73174	241.722	ug/l	98
12) 1,1-Dichloroethene	2.306	96	71750	52.252	ug/l	97
13) Acrolein	2.233	56	108339	247.237	ug/l	100
14) Allyl chloride	2.654	41	118242	51.698	ug/l	100
15) Acrylonitrile	3.062	53	208908	249.131	ug/l	100
16) Acetone	2.386	43	259538	296.385	ug/l	98
17) Carbon Disulfide	2.501	76	141493	54.208	ug/l	99
18) Methyl Acetate	2.703	43	109570	48.529	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	261428	48.788	ug/l	100
20) Methylene Chloride	2.782	84	77570	47.163	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	70938	48.609	ug/l	98
22) Diisopropyl ether	3.757	45	249220	48.390	ug/l	96
23) Vinyl Acetate	3.715	43	1106280	264.207	ug/l	98
24) 1,1-Dichloroethane	3.599	63	142409	49.605	ug/l	99
25) 2-Butanone	4.556	43	328064	263.526	ug/l	99
26) 2,2-Dichloropropane	4.464	77	128007	54.885	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	88327	47.656	ug/l	99
28) Bromochloromethane	4.891	49	67691	48.084	ug/l	99
29) Tetrahydrofuran	5.001	42	196002	245.290	ug/l	98
30) Chloroform	5.086	83	153954	47.730	ug/l	99
31) Cyclohexane	5.458	56	118758	51.227	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	139059	51.937	ug/l	100
36) 1,1-Dichloropropene	5.684	75	98613	51.040	ug/l	99
37) Ethyl Acetate	4.708	43	120542	50.472	ug/l	100
38) Carbon Tetrachloride	5.665	117	112252	53.966	ug/l	96
39) Methylcyclohexane	7.372	83	130202	56.371	ug/l	97
40) Benzene	6.031	78	298271	50.847	ug/l	99

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Quant Time: Dec 13 02:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
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Manual Integrations
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Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63715	50.241	ug/l	99
42) 1,2-Dichloroethane	6.080	62	123104	50.944	ug/l	99
43) Isopropyl Acetate	6.336	43	193539	51.848	ug/l	99
44) Trichloroethene	7.116	130	73696	50.378	ug/l	97
45) 1,2-Dichloropropane	7.421	63	74827	49.928	ug/l	96
46) Dibromomethane	7.574	93	59805	51.437	ug/l	99
47) Bromodichloromethane	7.818	83	110794	55.176	ug/l	99
48) Methyl methacrylate	7.689	41	92069	50.810	ug/l	97
49) 1,4-Dioxane	7.665	88	28637	953.212	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	616182	256.728	ug/l	100
52) Toluene	8.714	92	182498	49.541	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	112136	51.887	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	121119	55.397	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	75494	51.586	ug/l	95
56) Ethyl methacrylate	9.116	69	122862	53.180	ug/l	99
57) 1,3-Dichloropropane	9.305	76	128402	50.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	282829	242.719	ug/l	100
59) 2-Hexanone	9.427	43	479244	275.859	ug/l	99
60) Dibromochloromethane	9.518	129	80979	52.100	ug/l	98
61) 1,2-Dibromoethane	9.604	107	78896	52.963	ug/l	99
64) Tetrachloroethene	9.268	164	62806	50.056	ug/l	95
65) Chlorobenzene	10.079	112	203153	50.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	70546	54.188	ug/l	100
67) Ethyl Benzene	10.189	91	355955	50.857	ug/l	98
68) m/p-Xylenes	10.299	106	267716	104.240	ug/l	98
69) o-Xylene	10.640	106	133966	51.554	ug/l	99
70) Styrene	10.652	104	222679	53.455	ug/l	97
71) Bromoform	10.799	173	48444	52.858	ug/l #	100
73) Isopropylbenzene	10.957	105	348093	50.096	ug/l	99
74) N-amyl acetate	10.841	43	165520	51.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	118712	49.187	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98854m	48.778	ug/l	
77) Bromobenzene	11.195	156	78812	46.773	ug/l	97
78) n-propylbenzene	11.305	91	397095	51.705	ug/l	98
79) 2-Chlorotoluene	11.360	91	241148	48.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	288881	50.132	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34678	49.141	ug/l	96
82) 4-Chlorotoluene	11.451	91	275483	50.087	ug/l	99
83) tert-Butylbenzene	11.713	119	291587	51.203	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	289199	51.103	ug/l	100
85) sec-Butylbenzene	11.890	105	353321	51.106	ug/l	100
86) p-Isopropyltoluene	12.006	119	295691	51.388	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	149295	50.724	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149895	49.542	ug/l	97
89) n-Butylbenzene	12.329	91	262810	54.316	ug/l	100
90) Hexachloroethane	12.536	117	47347	56.369	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	149016	48.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24387	52.052	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	87664	52.322	ug/l	98
94) Hexachlorobutadiene	13.725	225	33400	49.559	ug/l	98
95) Naphthalene	13.774	128	337600	51.620	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	90789	51.088	ug/l	97

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050

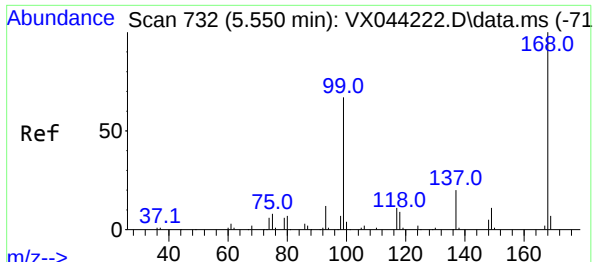
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 02:13:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

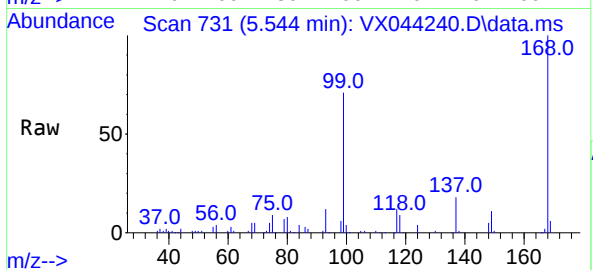
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

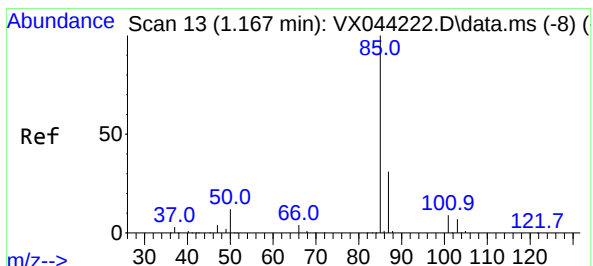
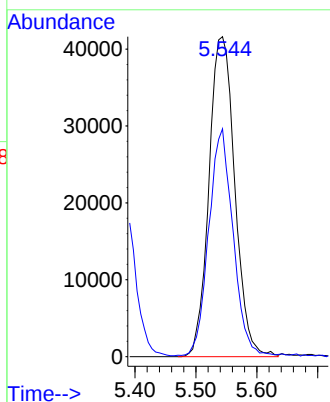
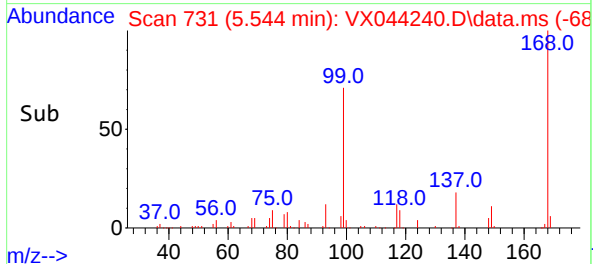
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 122500
Ion Ratio Lower Upper
168 100
99 70.8 53.4 80.0

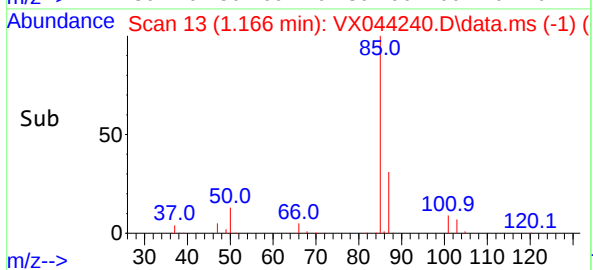
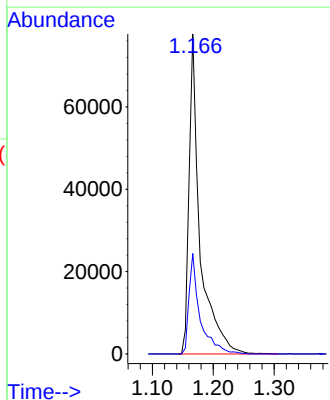
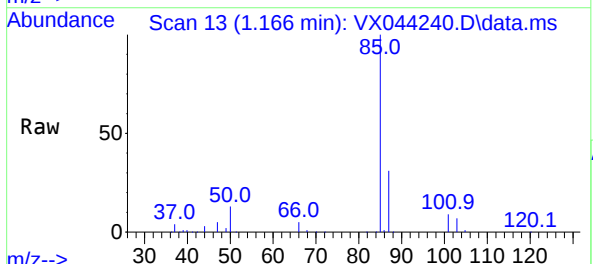
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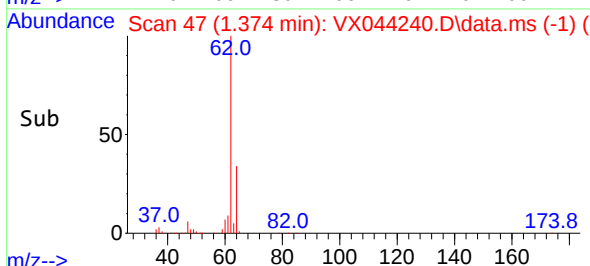
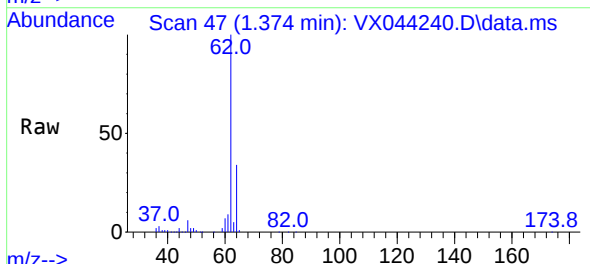
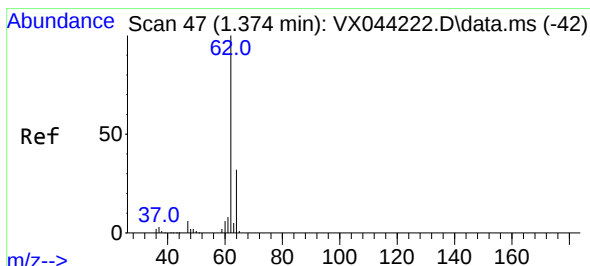
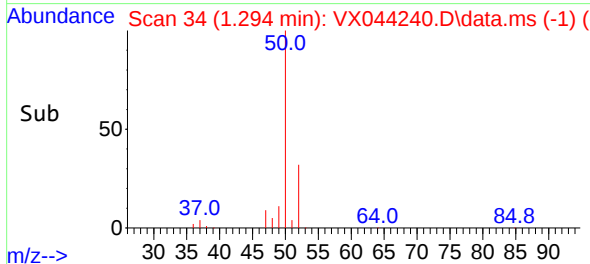
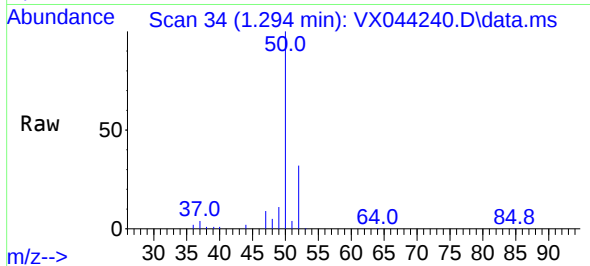
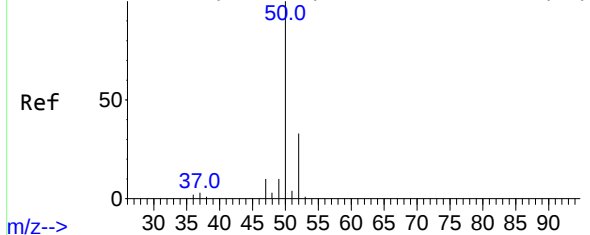


#2
Dichlorodifluoromethane
Concen: 51.253 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 85 Resp: 97086
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.4



Abundance Scan 34 (1.295 min): VX044222.D\data.ms (-29)



#3
Chloromethane
Concen: 45.814 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 50 Resp: 82989
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

Instrument :

MSVOA_X

ClientSampleId :

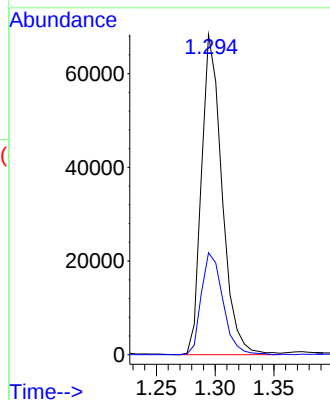
VSTDCCC050

Manual Integrations

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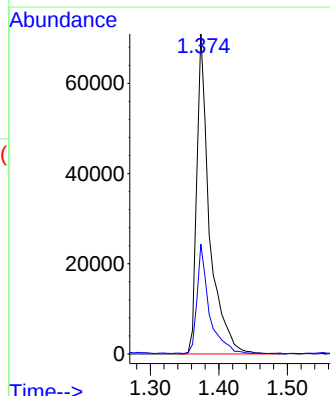
Reviewed By :John Carlone 12/13/2024

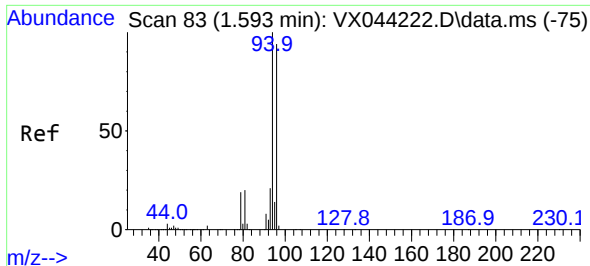
Supervised By :Mahesh Dadoda 12/13/2024



#4
Vinyl Chloride
Concen: 48.568 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

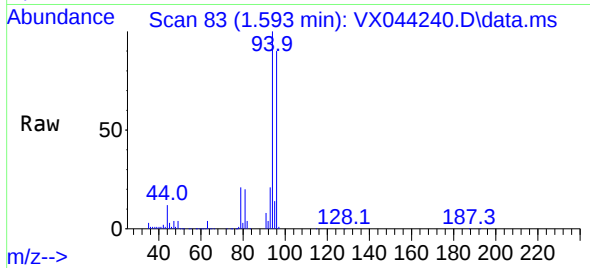
Tgt Ion: 62 Resp: 91655
Ion Ratio Lower Upper
62 100
64 34.0 25.7 38.5





#5
Bromomethane
Concen: 48.333 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

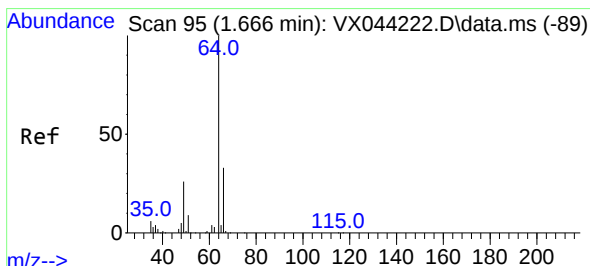
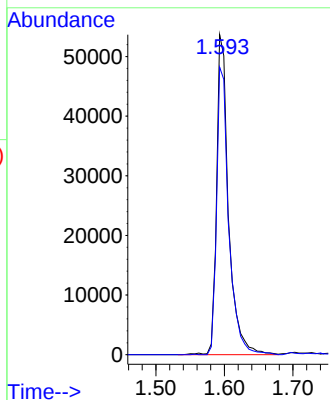
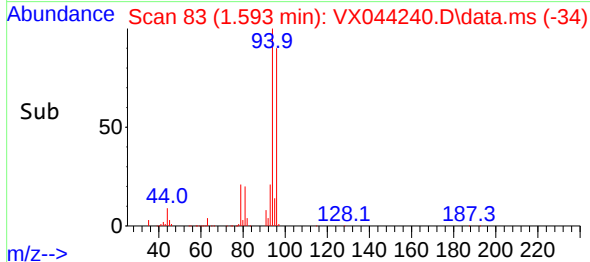
Instrument :
MSVOA_X
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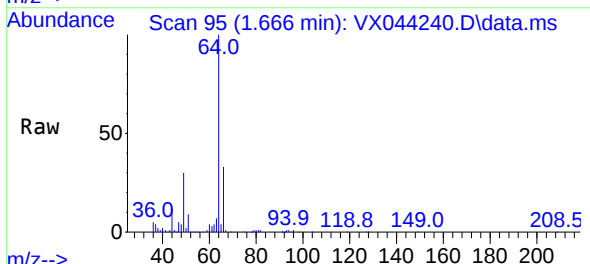
Tgt Ion: 94 Resp: 64709
Ion Ratio Lower Upper
94 100
96 89.9 74.9 112.3

Manual Integrations
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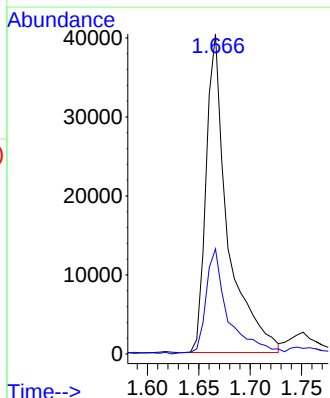
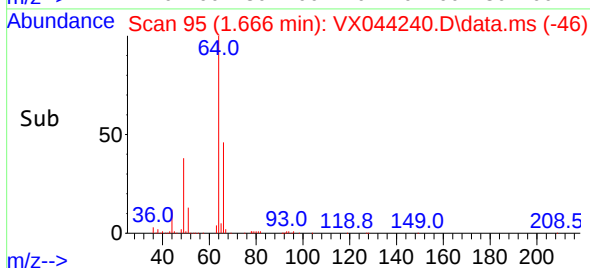
Reviewed By :John Carlone 12/13/2024
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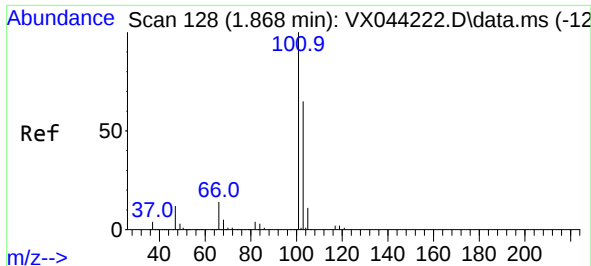


#6
Chloroethane
Concen: 50.308 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



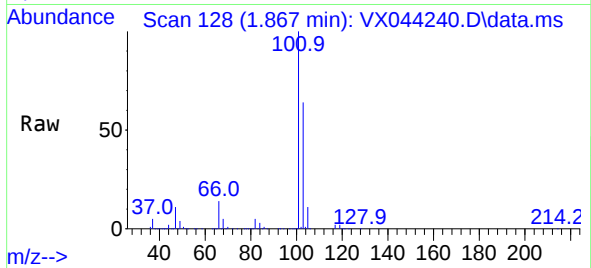
Tgt Ion: 64 Resp: 59117
Ion Ratio Lower Upper
64 100
66 32.7 26.6 39.8





#7
Trichlorofluoromethane
Concen: 51.865 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

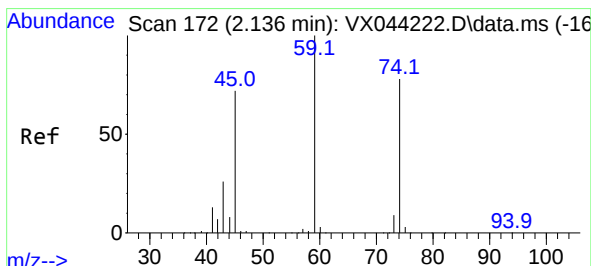
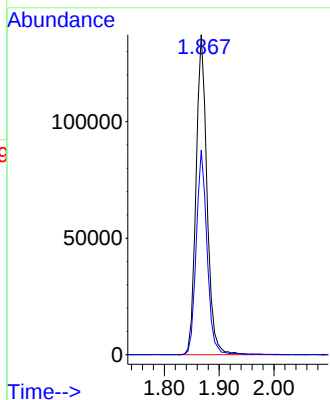
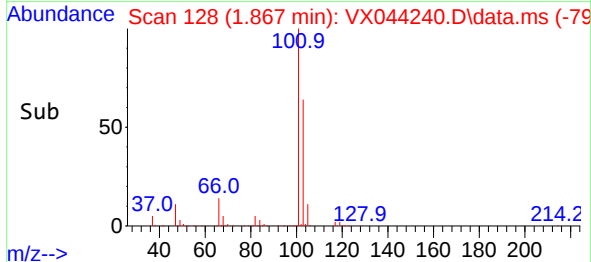
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



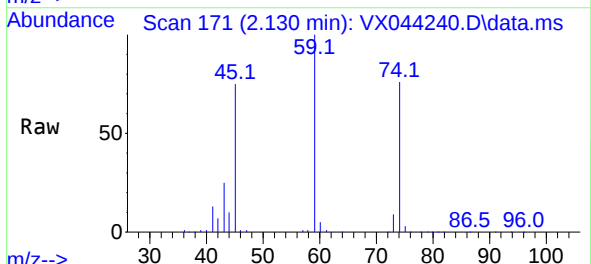
Tgt Ion:101 Resp: 19161
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

Manual Integrations
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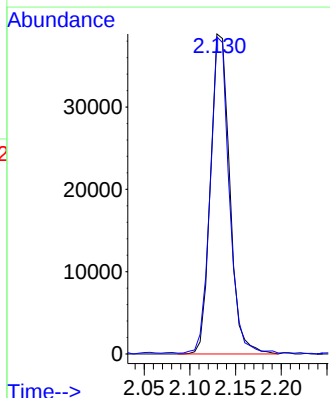
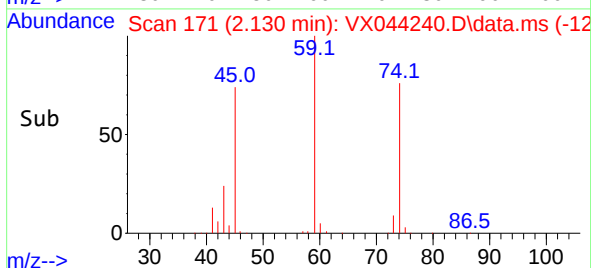
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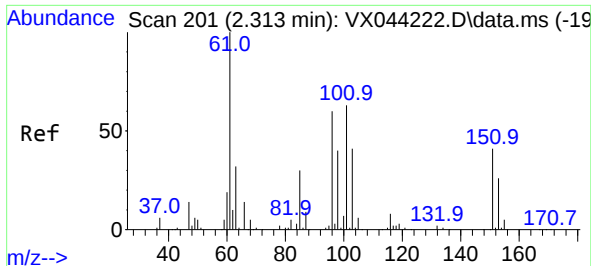


#8
Diethyl Ether
Concen: 44.932 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion: 74 Resp: 56662
Ion Ratio Lower Upper
74 100
45 98.9 48.4 145.0





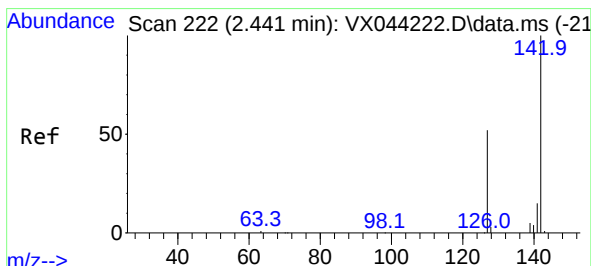
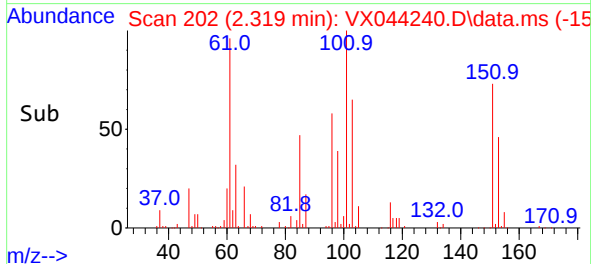
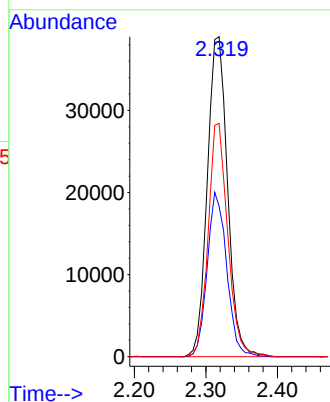
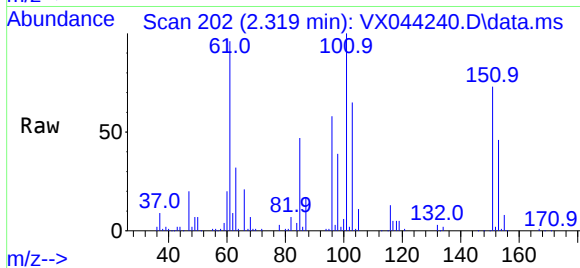
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.243 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 76600
Ion Ratio Lower Upper
101 100
85 49.5 38.5 57.7
151 70.6 55.8 83.6

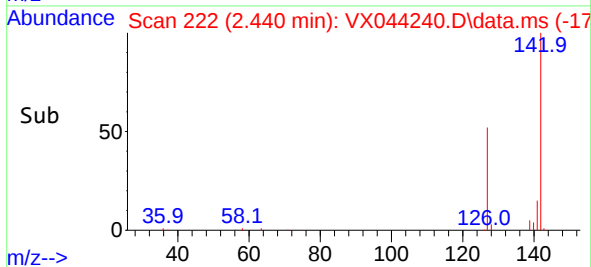
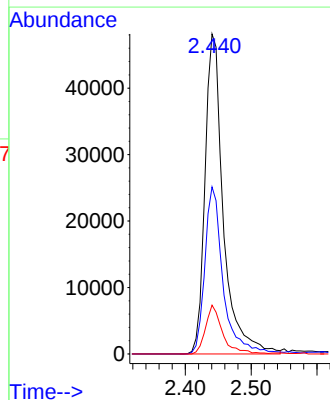
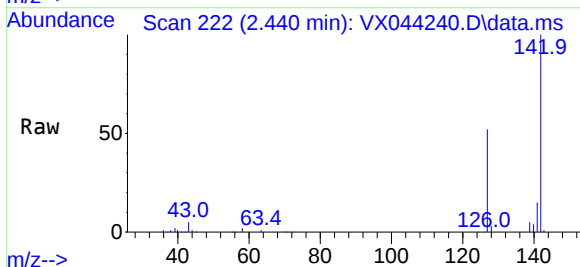
Manual Integrations
APPROVED

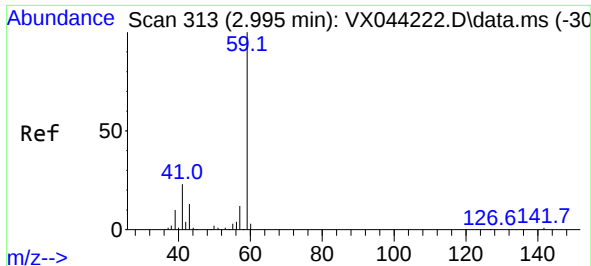
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#10
Methyl Iodide
Concen: 47.463 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

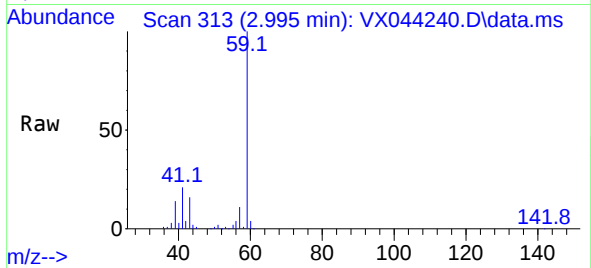
Tgt Ion:142 Resp: 93518
Ion Ratio Lower Upper
142 100
127 52.1 41.8 62.8
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 241.722 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

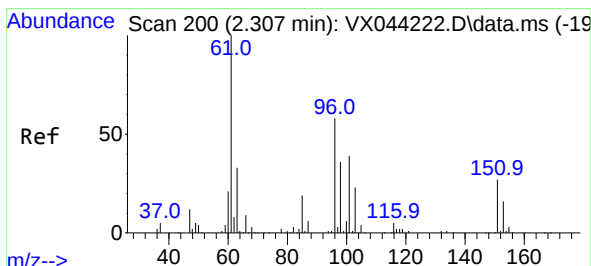
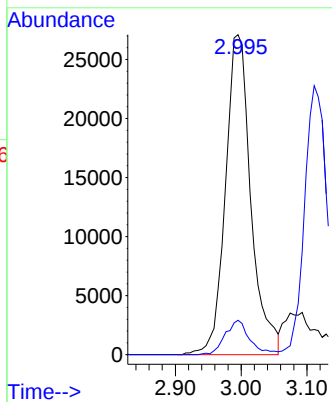
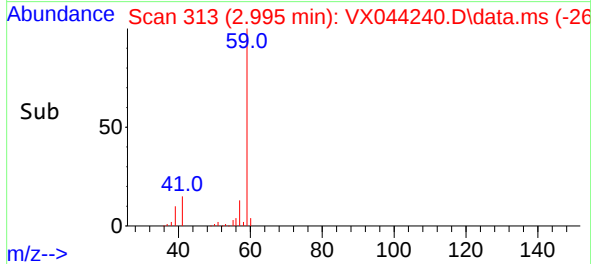
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



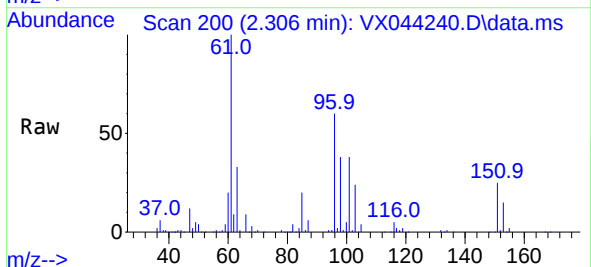
Tgt Ion: 59 Resp: 73174
Ion Ratio Lower Upper
59 100
57 10.4 8.8 13.2

Manual Integrations
APPROVED

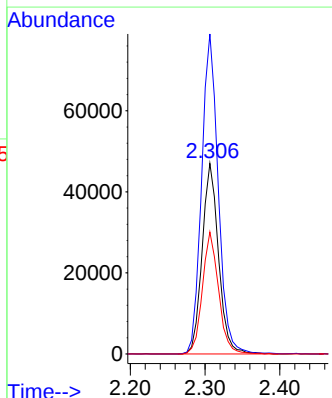
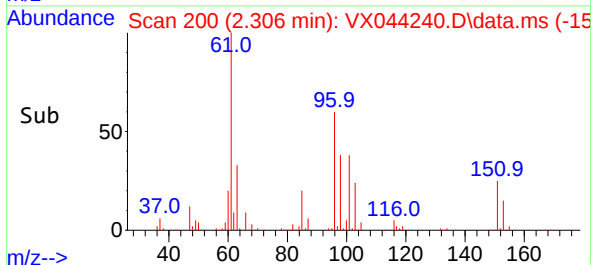
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

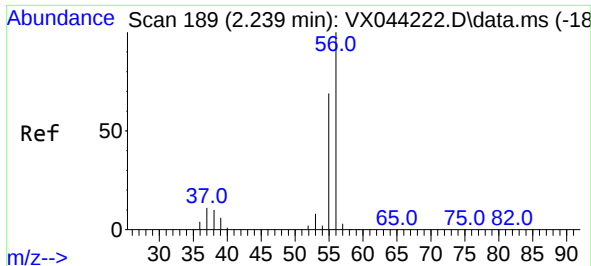


#12
1,1-Dichloroethene
Concen: 52.252 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



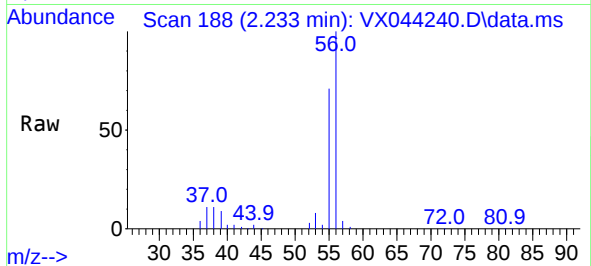
Tgt Ion: 96 Resp: 71750
Ion Ratio Lower Upper
96 100
61 167.9 138.0 207.0
98 64.0 50.0 75.0





#13
Acrolein
Concen: 247.237 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

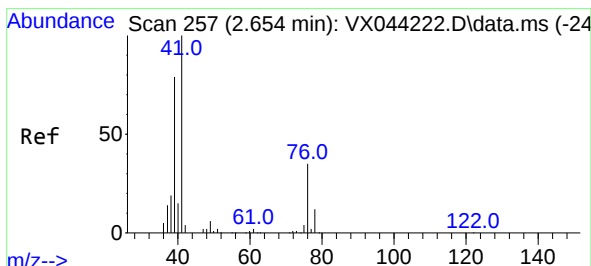
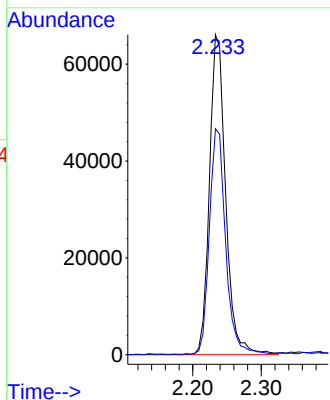
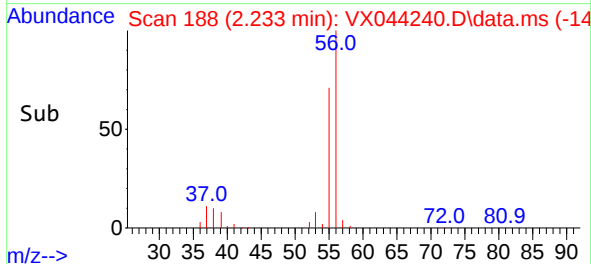
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 108339
Ion Ratio Lower Upper
56 100
55 70.6 56.6 84.8

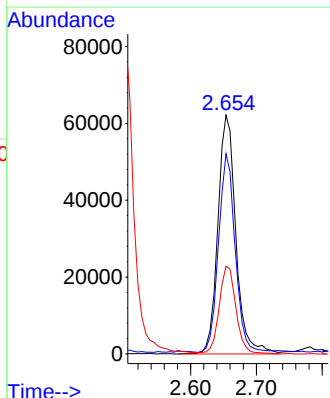
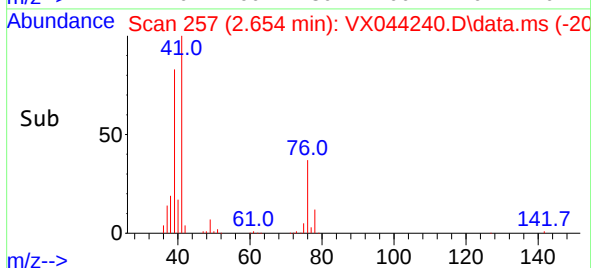
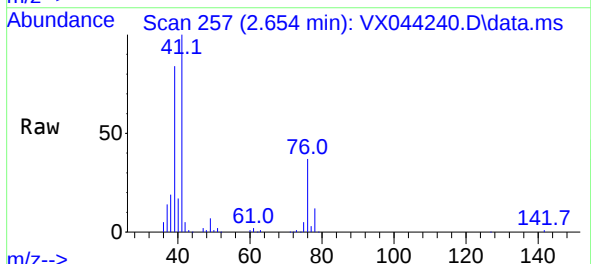
Manual Integrations
APPROVED

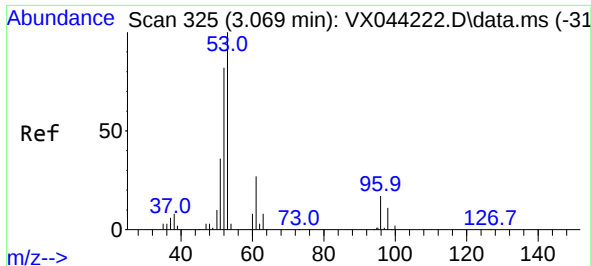
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#14
Allyl chloride
Concen: 51.698 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

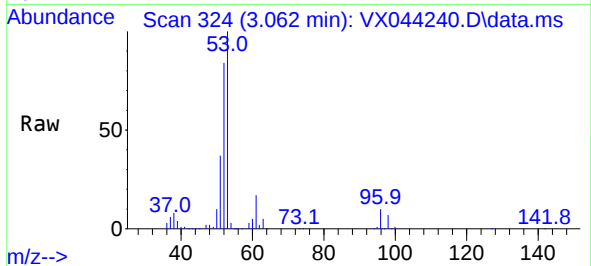
Tgt Ion: 41 Resp: 118242
Ion Ratio Lower Upper
41 100
39 77.6 61.9 92.9
76 34.3 27.4 41.2





#15
Acrylonitrile
Concen: 249.131 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

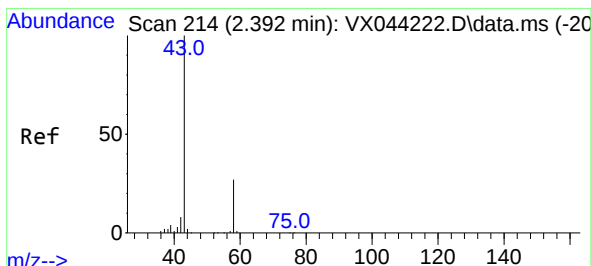
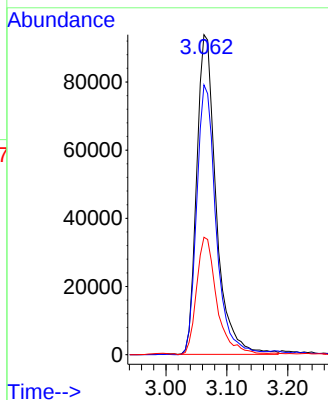
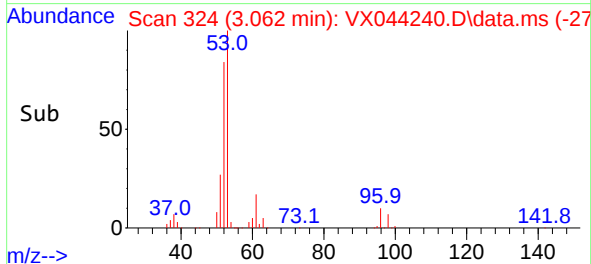
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 208908
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 38.4 30.3 45.5

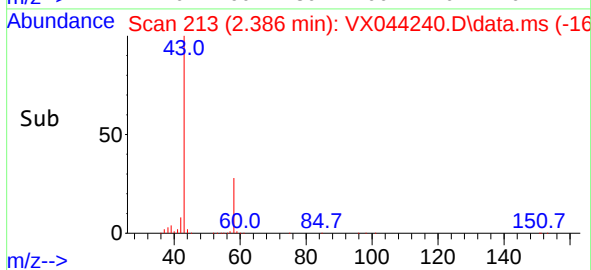
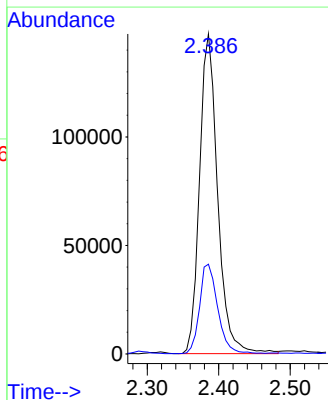
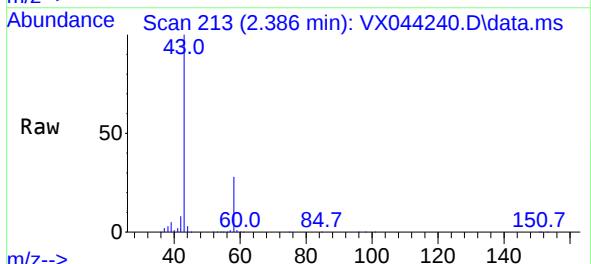
Manual Integrations
APPROVED

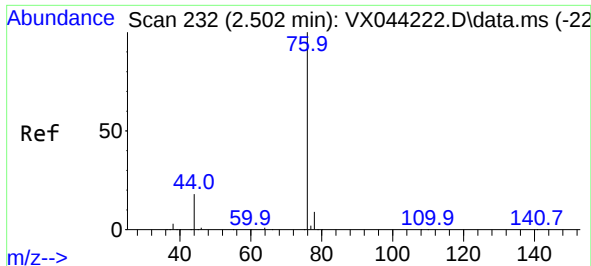
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#16
Acetone
Concen: 296.385 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

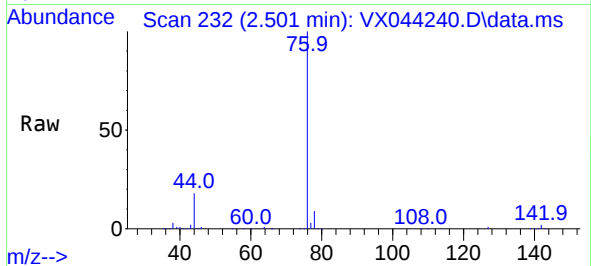
Tgt Ion: 43 Resp: 259538
Ion Ratio Lower Upper
43 100
58 28.0 21.6 32.4





#17
Carbon Disulfide
Concen: 54.208 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

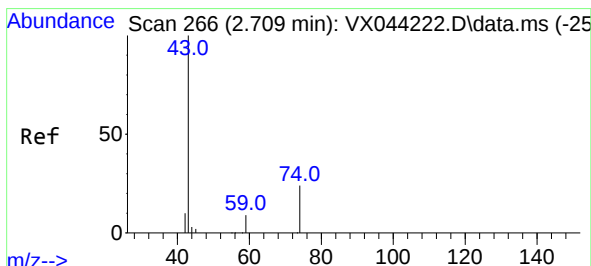
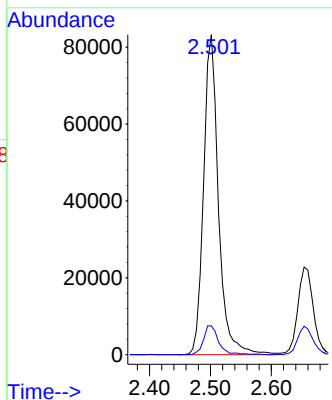
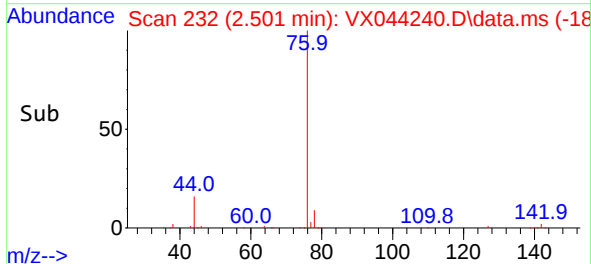
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



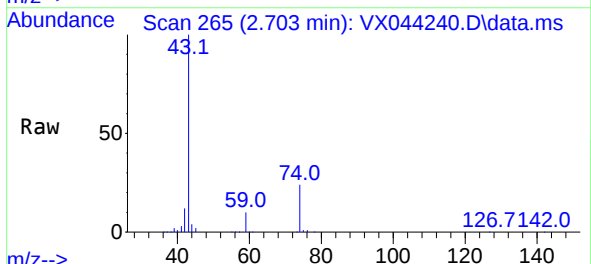
Tgt Ion: 76 Resp: 141493
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
APPROVED

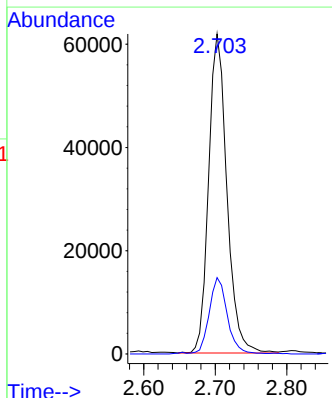
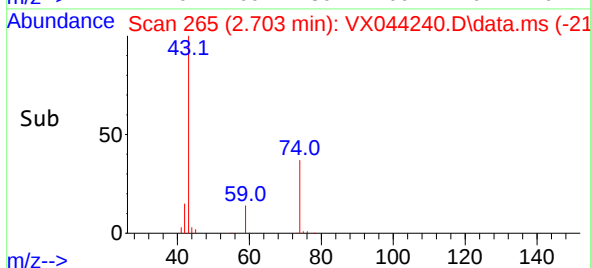
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

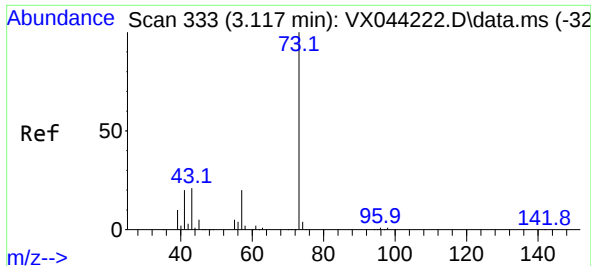


#18
Methyl Acetate
Concen: 48.529 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion: 43 Resp: 109570
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 48.788 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

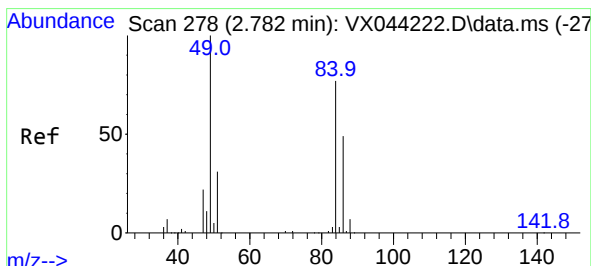
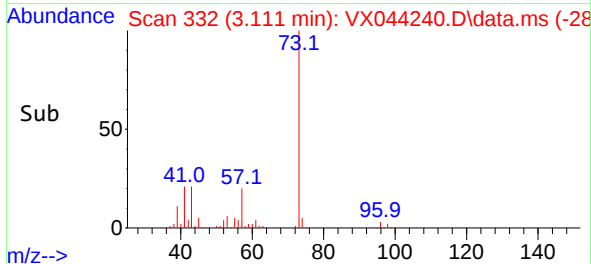
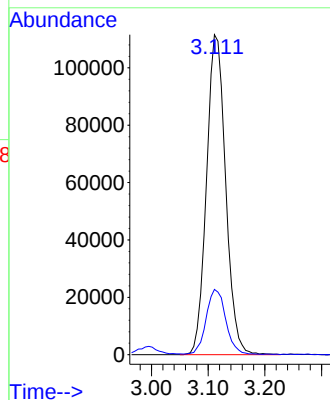
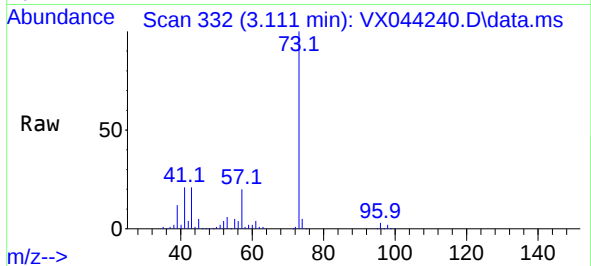
VSTDCCC050

Tgt Ion: 73 Resp: 261428
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4

Manual Integrations

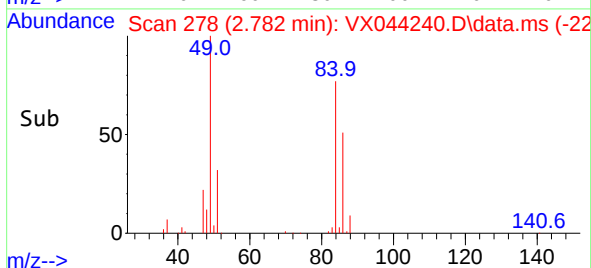
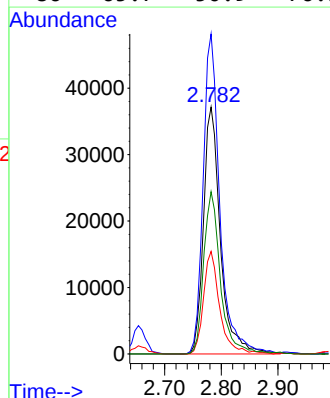
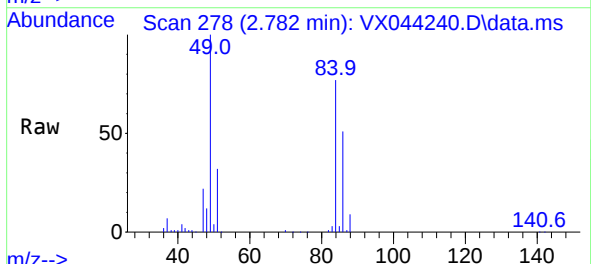
APPROVED

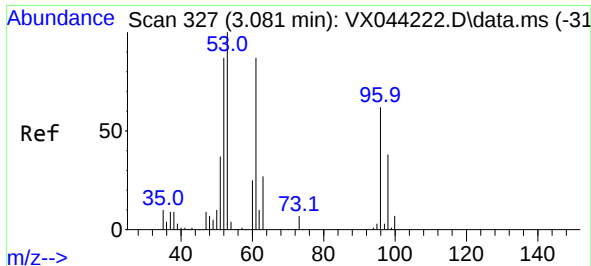
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#20
Methylene Chloride
Concen: 47.163 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

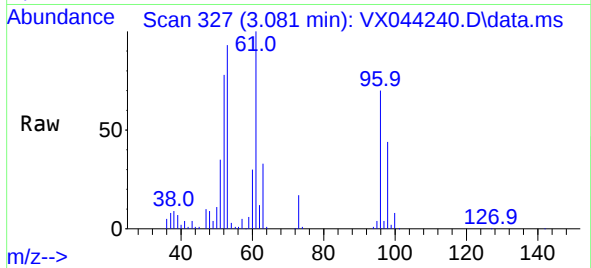
Tgt Ion: 84 Resp: 77570
Ion Ratio Lower Upper
84 100
49 129.6 104.2 156.4
51 41.6 32.2 48.4
86 65.7 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 48.609 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

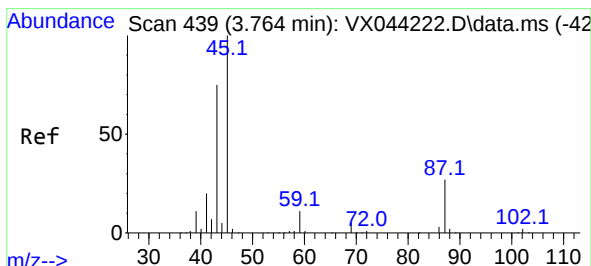
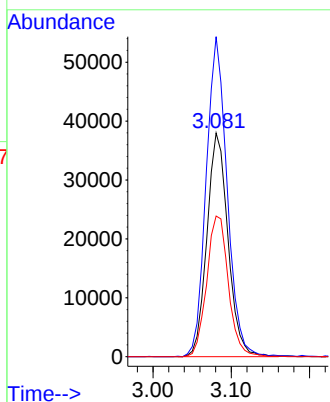
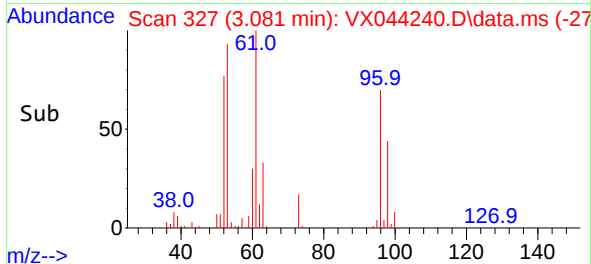
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



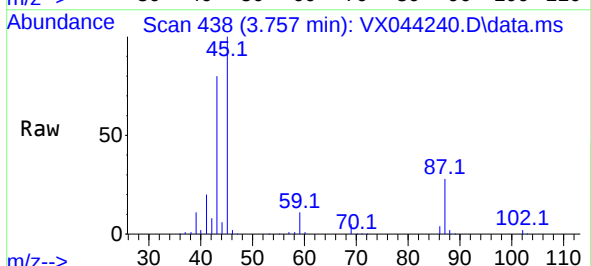
Tgt Ion: 96 Resp: 70938
Ion Ratio Lower Upper
96 100
61 142.8 112.0 168.0
98 62.8 48.8 73.2

Manual Integrations
APPROVED

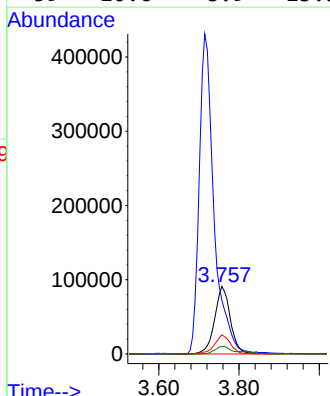
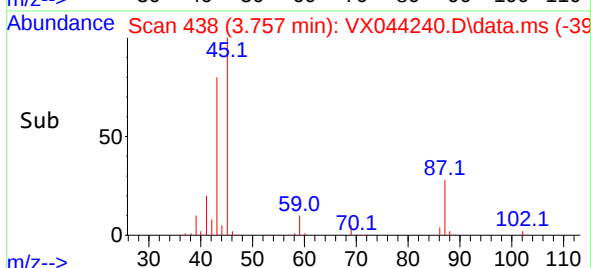
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

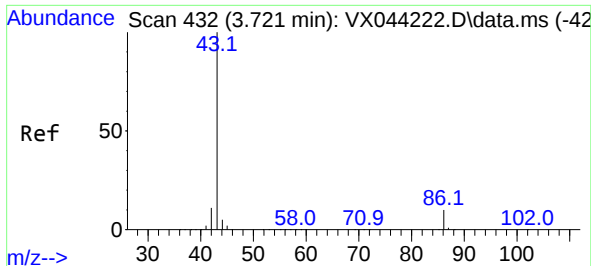


#22
Diisopropyl ether
Concen: 48.390 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion: 45 Resp: 249220
Ion Ratio Lower Upper
45 100
43 79.6 60.2 90.2
87 28.4 21.2 31.8
59 10.6 8.9 13.3





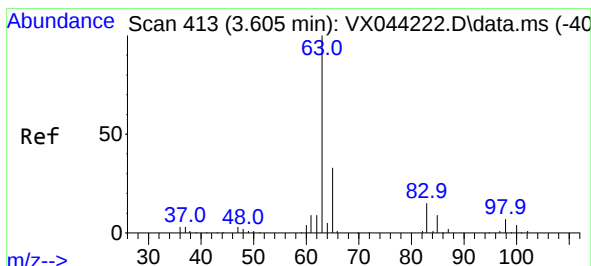
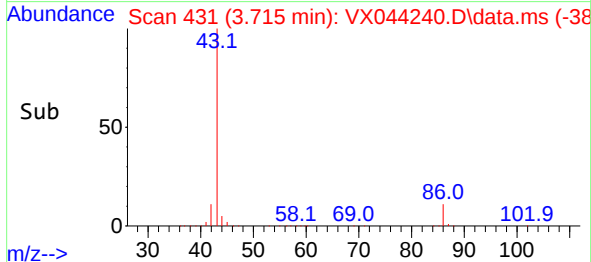
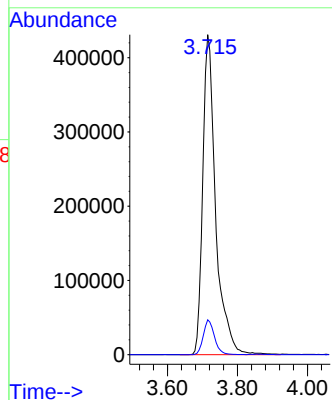
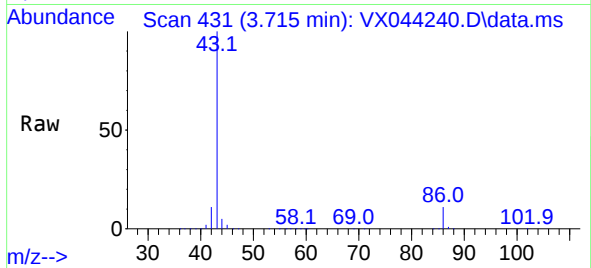
#23
 Vinyl Acetate
 Concen: 264.207 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX044240.D
 Acq: 12 Dec 2024 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1106280
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2

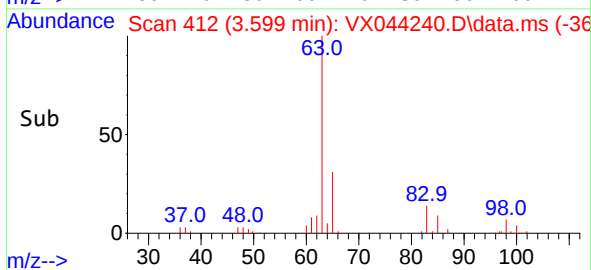
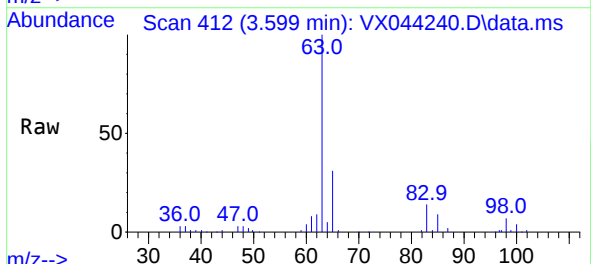
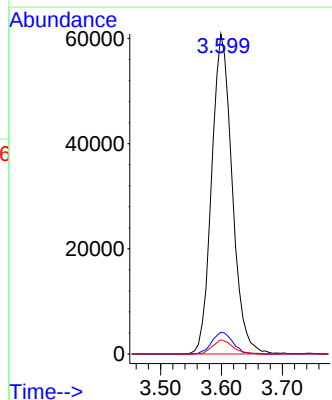
Manual Integrations
 APPROVED

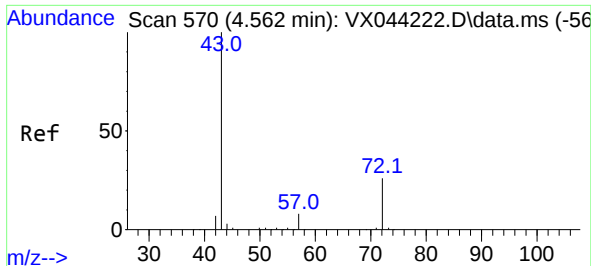
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#24
 1,1-Dichloroethane
 Concen: 49.605 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044240.D
 Acq: 12 Dec 2024 10:20

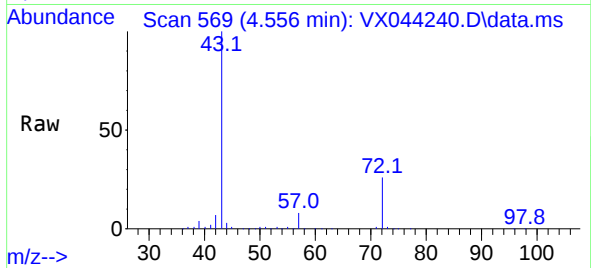
Tgt Ion: 63 Resp: 142409
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.5 2.1 6.3





#25
2-Butanone
Concen: 263.526 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

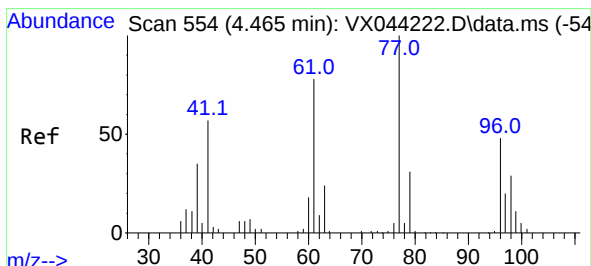
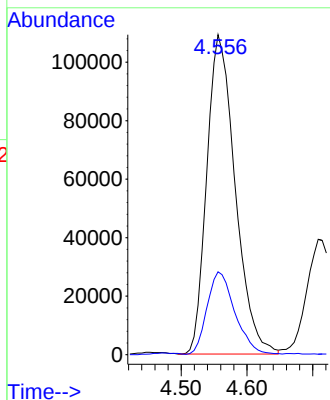
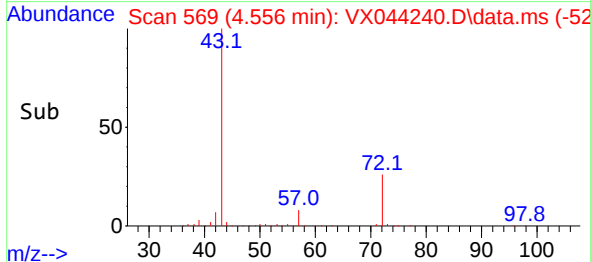
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 328064
Ion Ratio Lower Upper
43 100
72 25.6 20.2 30.4

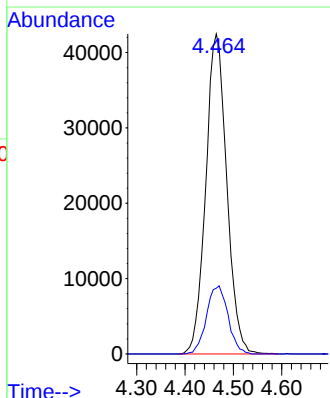
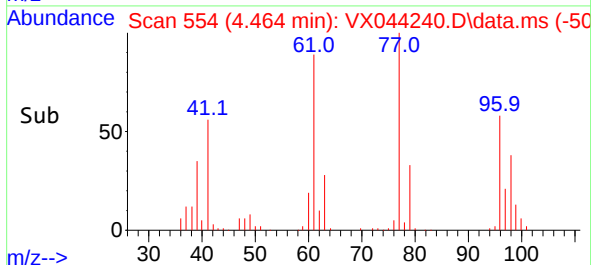
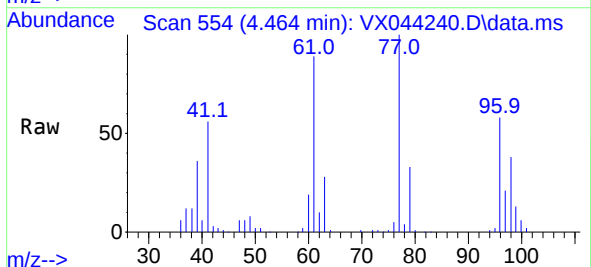
Manual Integrations
APPROVED

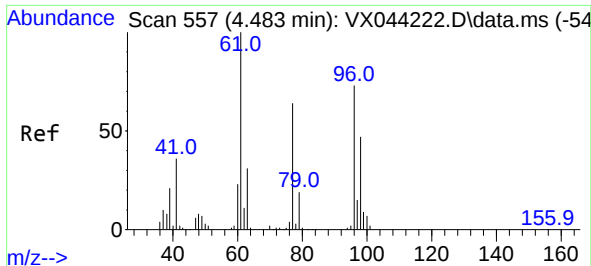
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#26
2,2-Dichloropropane
Concen: 54.885 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

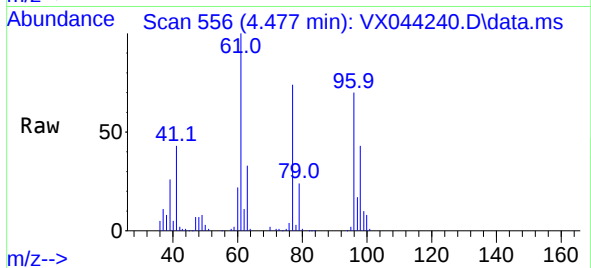
Tgt Ion: 77 Resp: 128007
Ion Ratio Lower Upper
77 100
97 21.8 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 47.656 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

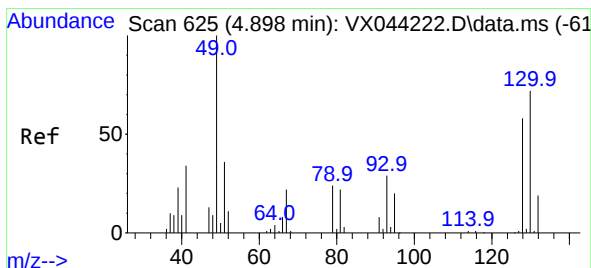
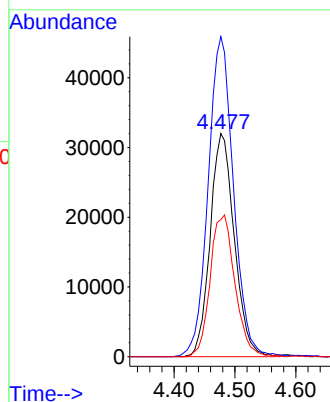
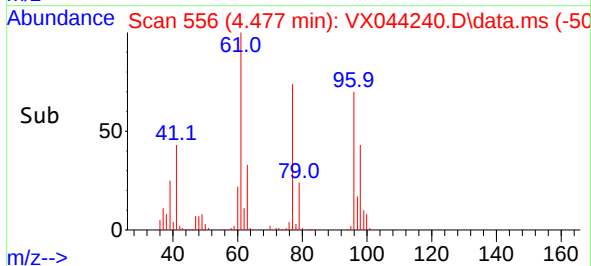
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8832
Ion Ratio Lower Upper
96 100
61 150.2 0.0 299.0
98 65.1 0.0 129.0

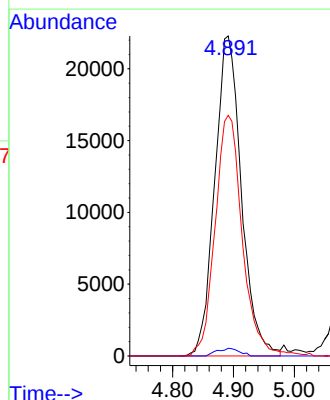
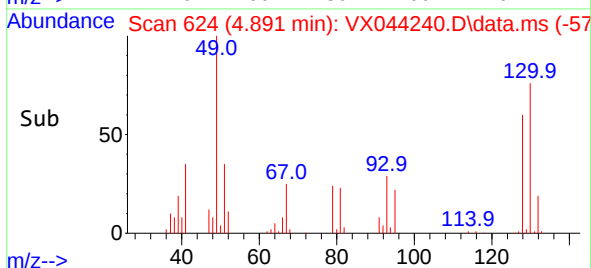
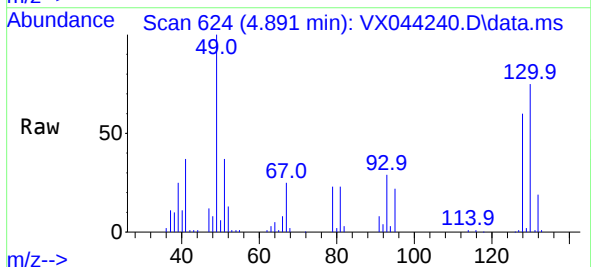
Manual Integrations
APPROVED

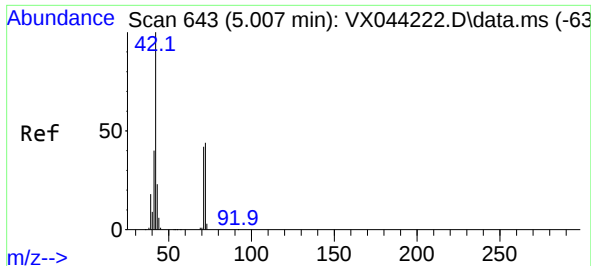
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#28
Bromochloromethane
Concen: 48.084 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 49 Resp: 67691
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.7 62.1 93.1





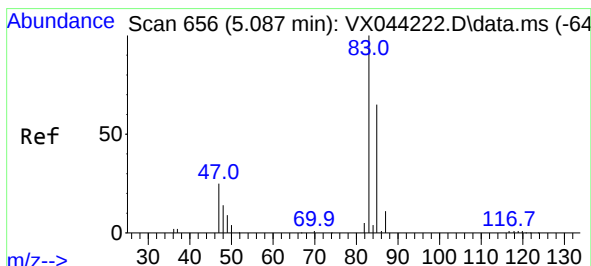
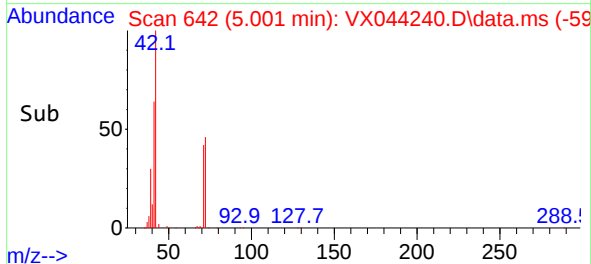
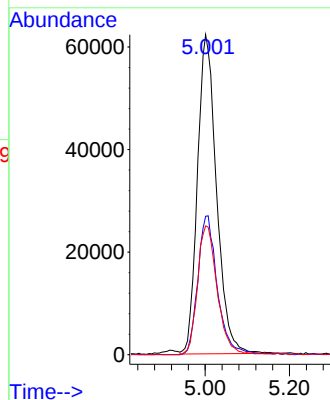
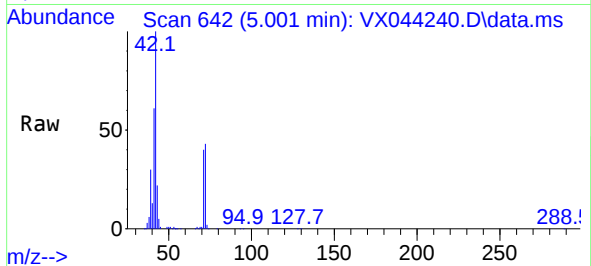
#29
Tetrahydrofuran
Concen: 245.290 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 196000
Ion Ratio Lower Upper
42 100
72 44.6 37.0 55.6
71 41.5 33.6 50.4

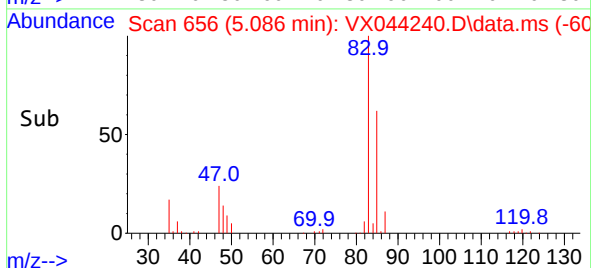
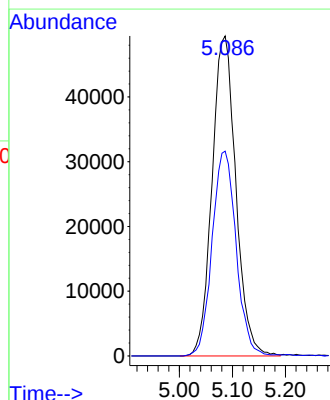
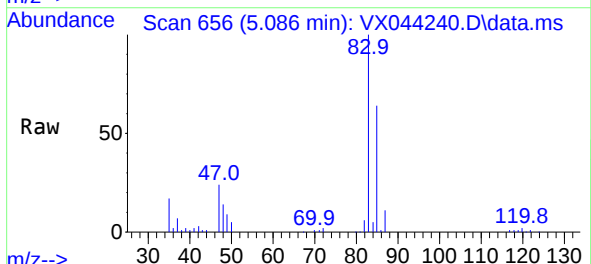
Manual Integrations
APPROVED

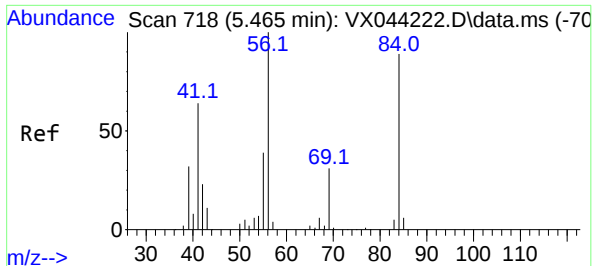
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#30
Chloroform
Concen: 47.730 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

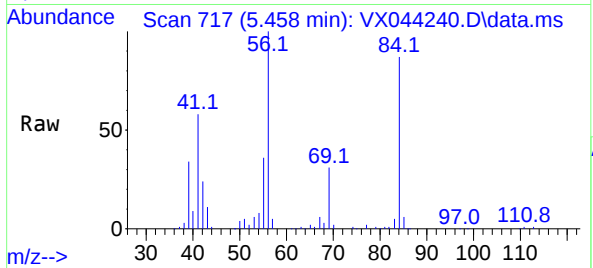
Tgt Ion: 83 Resp: 153954
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4





#31
Cyclohexane
Concen: 51.227 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

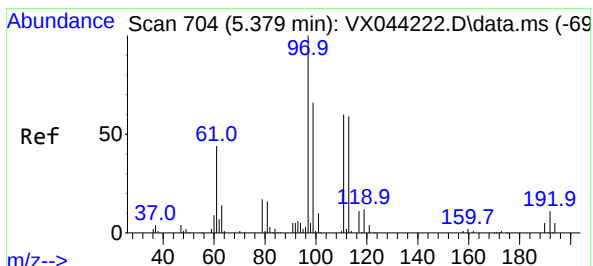
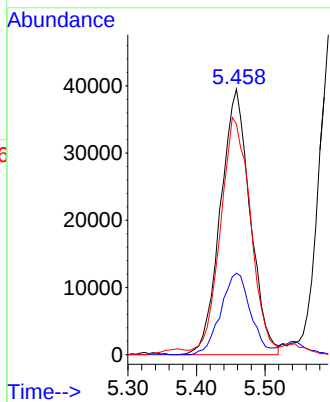
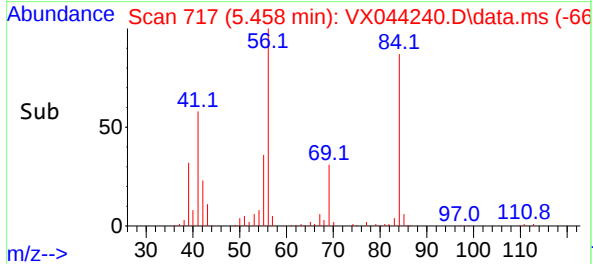
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



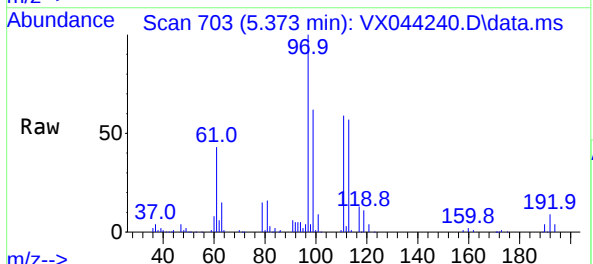
Tgt Ion: 56 Resp: 118758
Ion Ratio Lower Upper
56 100
69 30.6 24.7 37.1
84 84.6 71.0 106.6

Manual Integrations
APPROVED

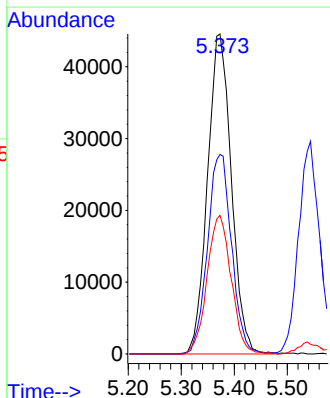
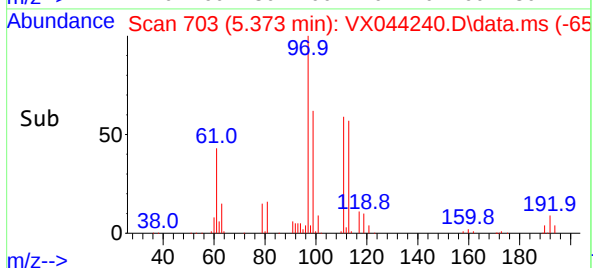
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

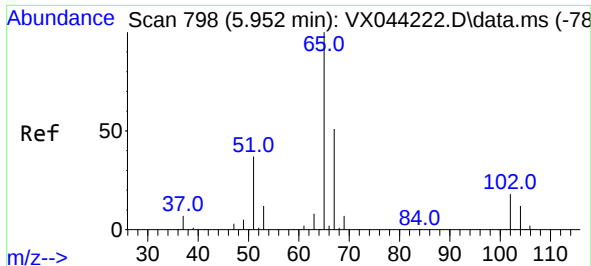


#32
1,1,1-Trichloroethane
Concen: 51.937 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion: 97 Resp: 139059
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 43.8 35.2 52.8





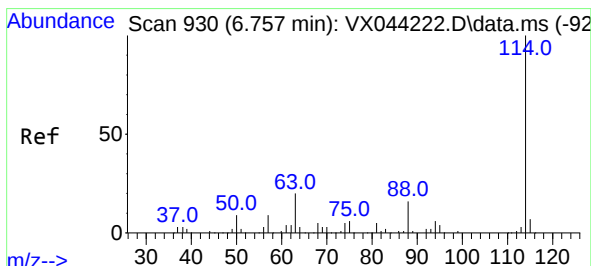
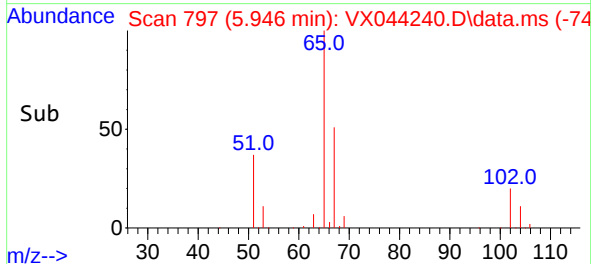
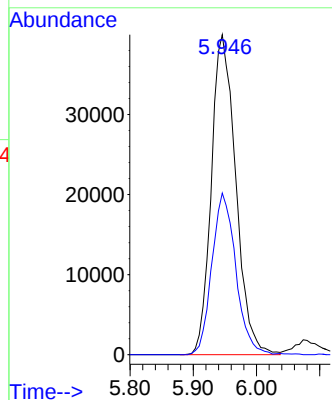
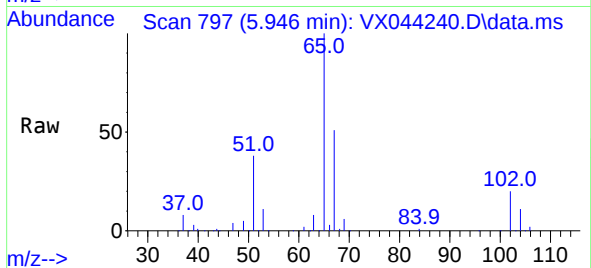
#33
1,2-Dichloroethane-d4
Concen: 49.925 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 107235
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.6

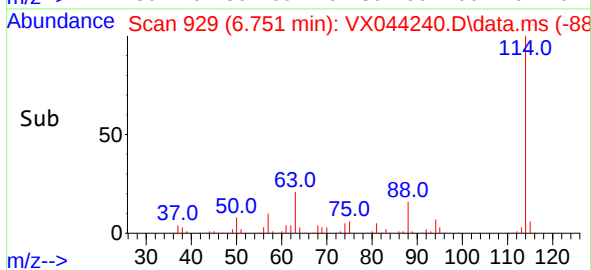
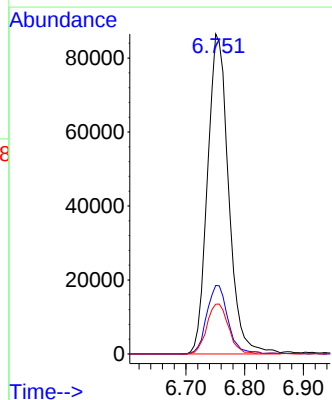
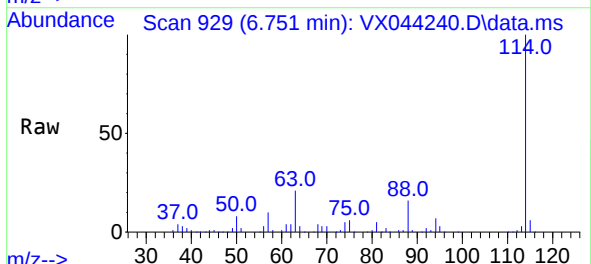
Manual Integrations
APPROVED

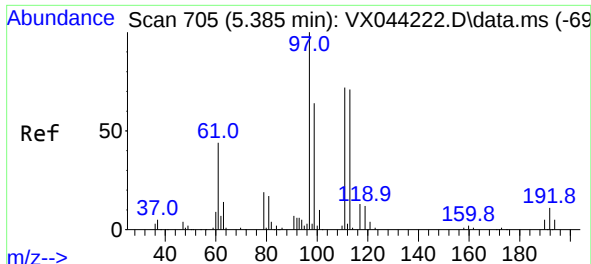
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:114 Resp: 215809
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.6
88 15.6 0.0 31.8





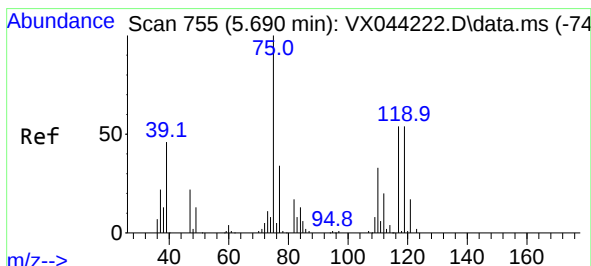
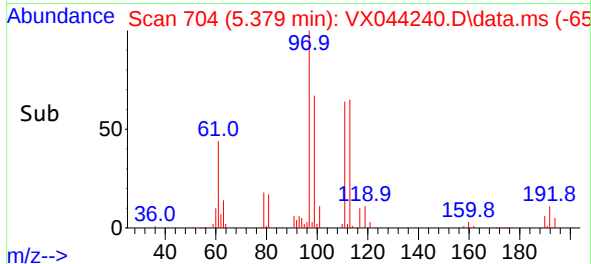
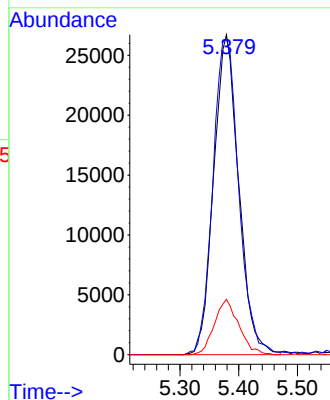
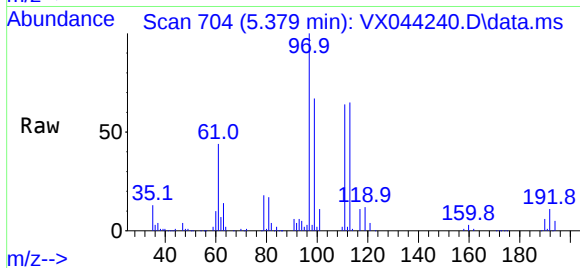
#35
Dibromofluoromethane
Concen: 52.911 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 7908
Ion Ratio Lower Upper
113 100
111 102.5 80.4 120.6
192 16.9 13.3 19.9

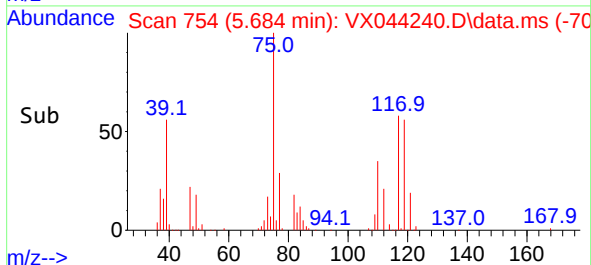
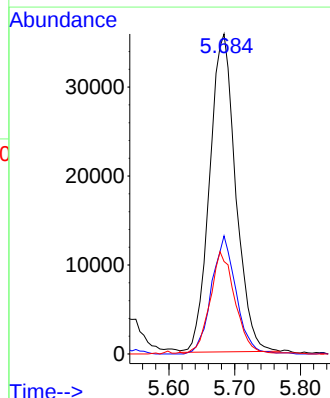
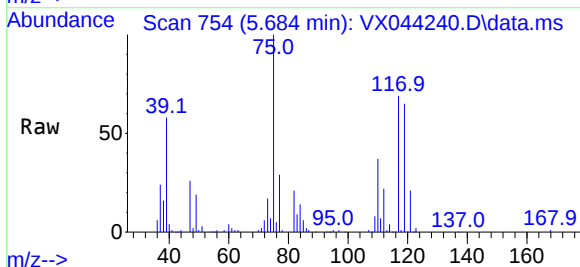
Manual Integrations
APPROVED

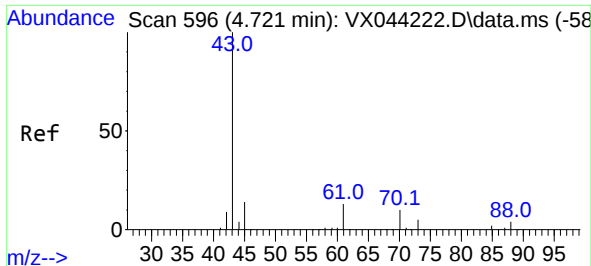
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#36
1,1-Dichloropropene
Concen: 51.040 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 75 Resp: 98613
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.7
77 31.2 25.4 38.0





#37
Ethyl Acetate
Concen: 50.472 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

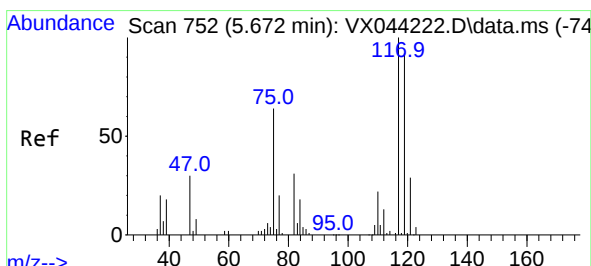
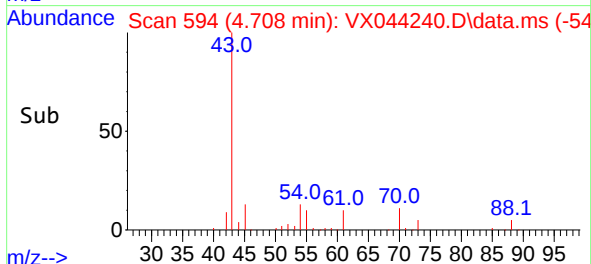
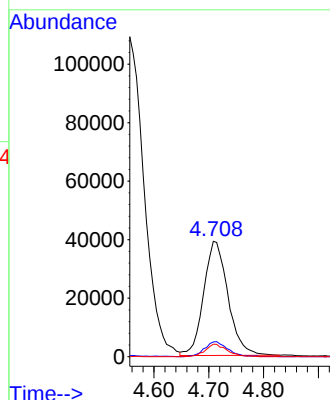
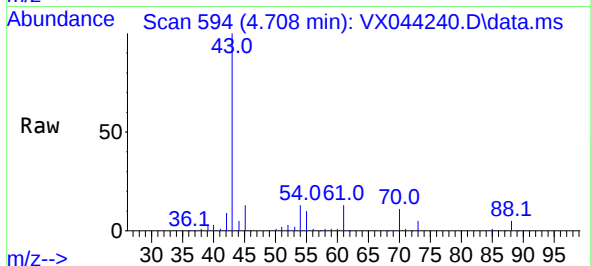
Tgt Ion: 43 Resp: 12054
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 9.7 7.7 11.5

Manual Integrations

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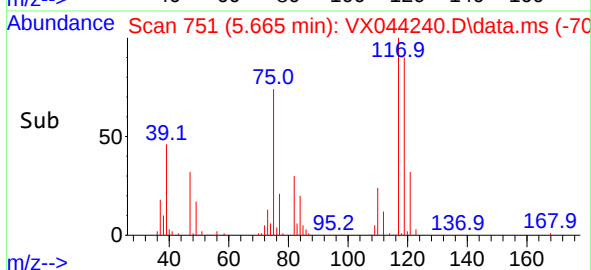
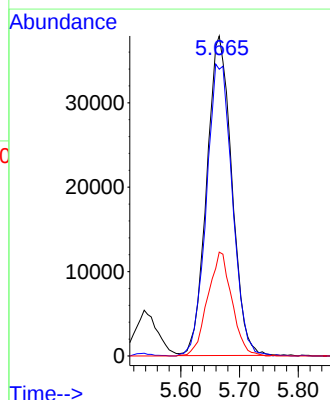
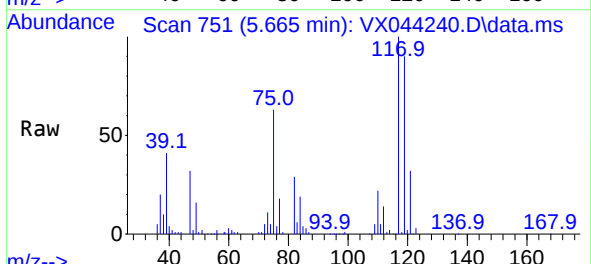
Reviewed By :John Carlone 12/13/2024

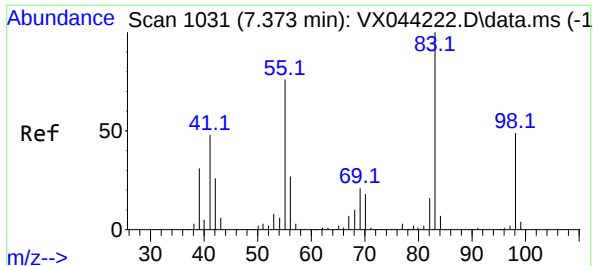
Supervised By :Mahesh Dadoda 12/13/2024



#38
Carbon Tetrachloride
Concen: 53.966 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:117 Resp: 112252
Ion Ratio Lower Upper
117 100
119 89.7 74.2 111.4
121 32.5 23.0 34.6





#39

Methylcyclohexane

Concen: 56.371 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044240.D

Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13020

Ion Ratio Lower Upper

83 100

55 72.8 60.7 91.1

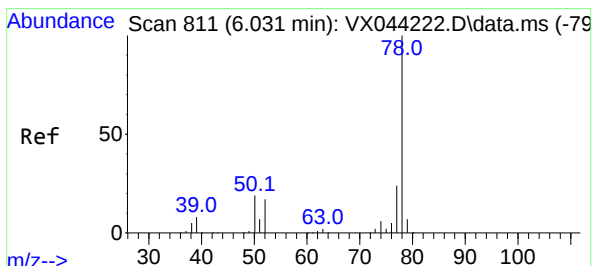
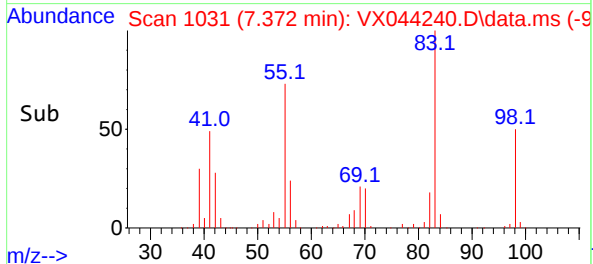
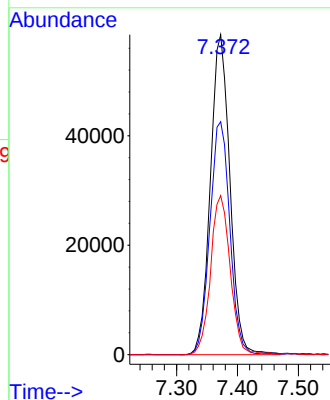
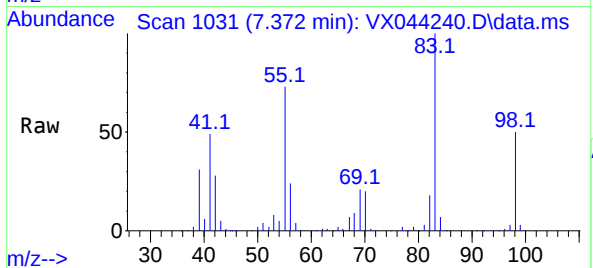
98 49.7 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#40

Benzene

Concen: 50.847 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044240.D

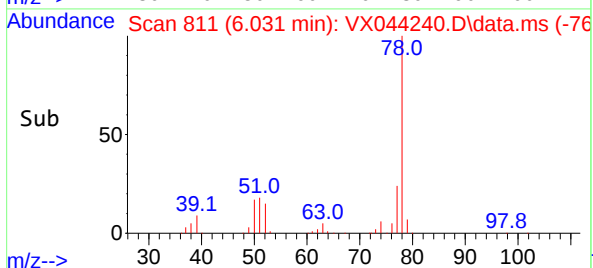
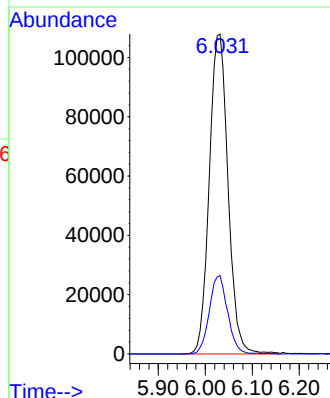
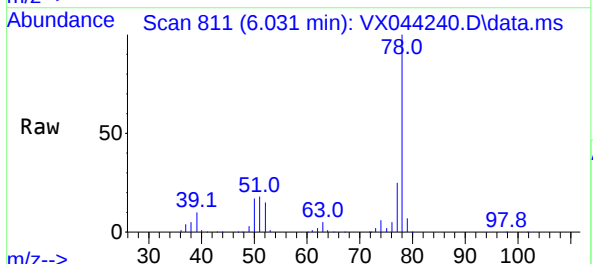
Acq: 12 Dec 2024 10:20

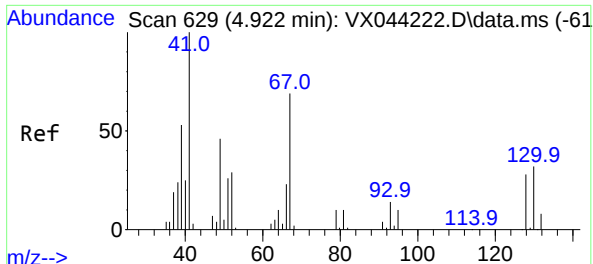
Tgt Ion: 78 Resp: 298271

Ion Ratio Lower Upper

78 100

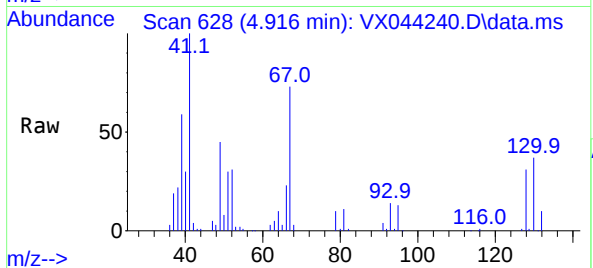
77 24.5 19.3 28.9





#41
Methacrylonitrile
Concen: 50.241 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

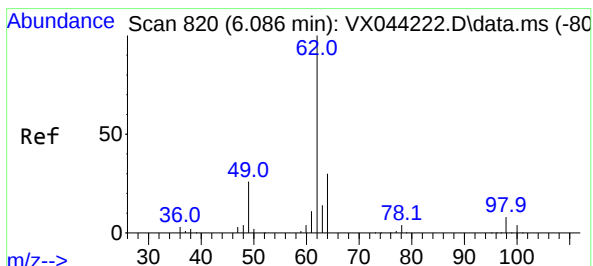
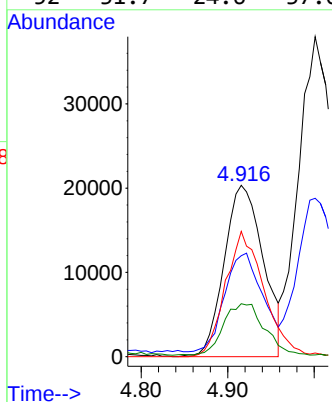
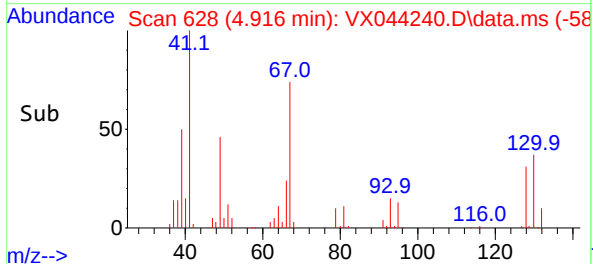
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 63715
Ion Ratio Lower Upper
41 100
39 55.8 44.2 66.4
67 73.0 57.2 85.8
52 31.7 24.6 37.0

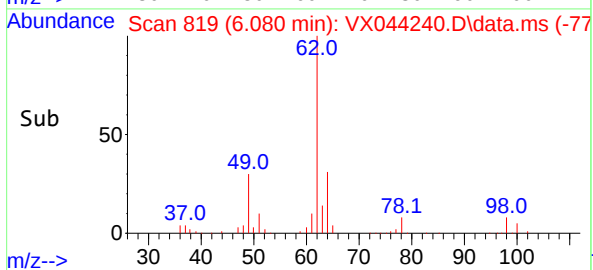
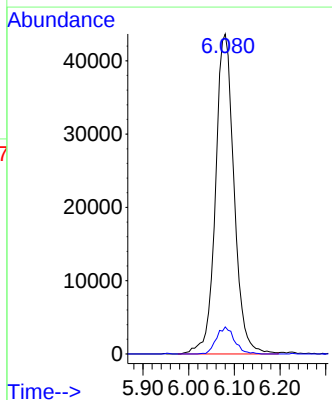
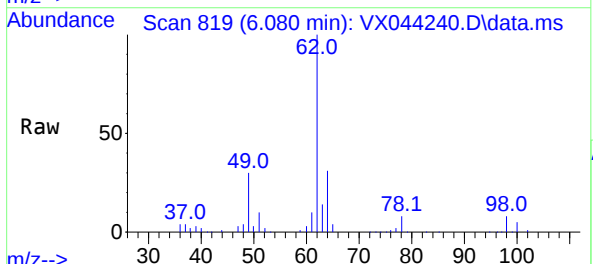
Manual Integrations
APPROVED

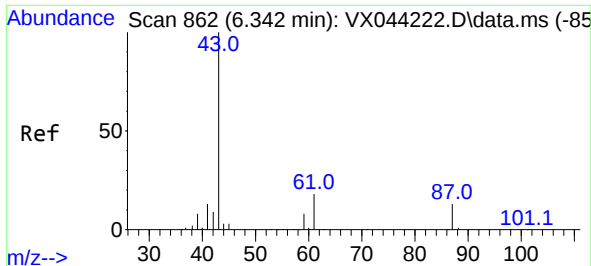
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#42
1,2-Dichloroethane
Concen: 50.944 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 62 Resp: 123104
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





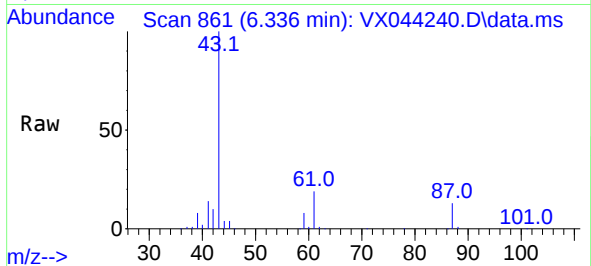
#43
Isopropyl Acetate
Concen: 51.848 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



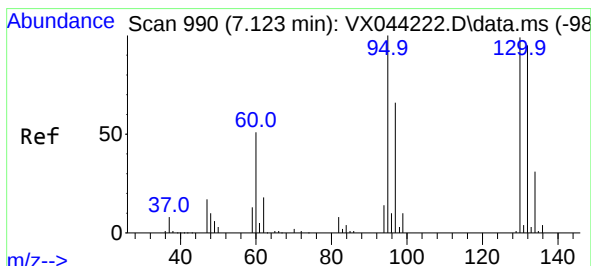
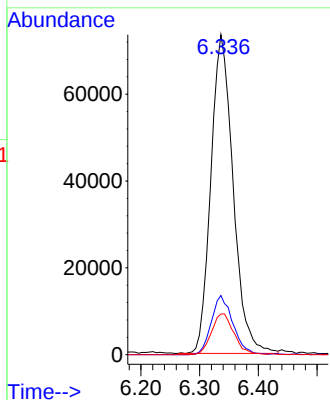
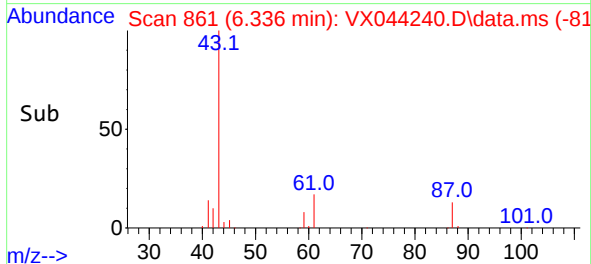
Tgt Ion: 43 Resp: 193539
Ion Ratio Lower Upper
43 100
61 18.0 14.2 21.2
87 12.9 10.2 15.2

Manual Integrations

APPROVED

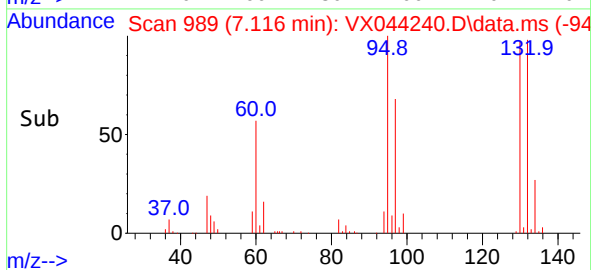
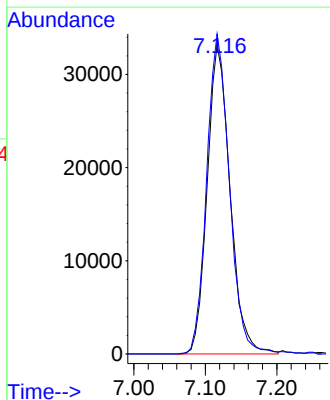
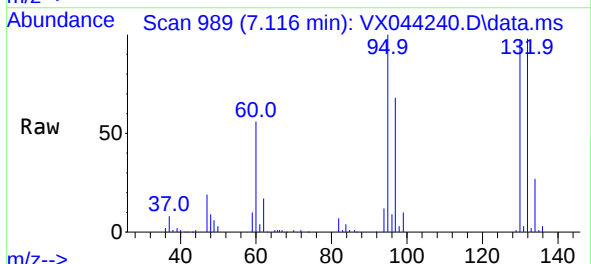
Reviewed By :John Carlone 12/13/2024

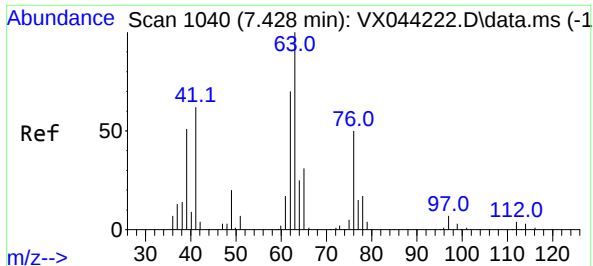
Supervised By :Mahesh Dadoda 12/13/2024



#44
Trichloroethene
Concen: 50.378 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:130 Resp: 73696
Ion Ratio Lower Upper
130 100
95 103.5 0.0 201.4





#45

1,2-Dichloropropane

Concen: 49.928 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX044240.D

Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7482

Ion Ratio Lower Upper

63 100

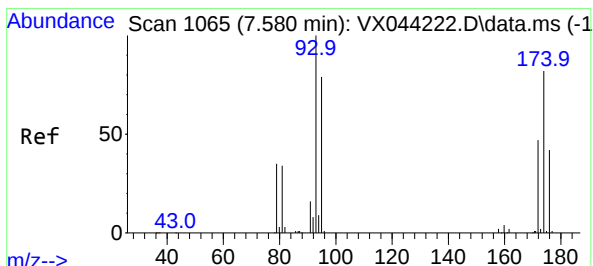
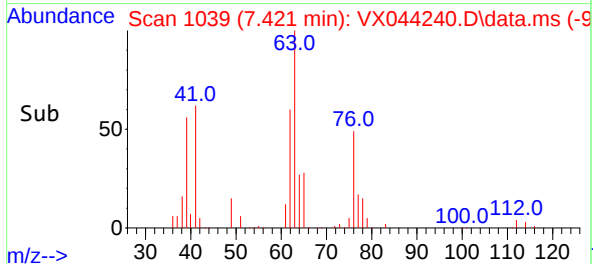
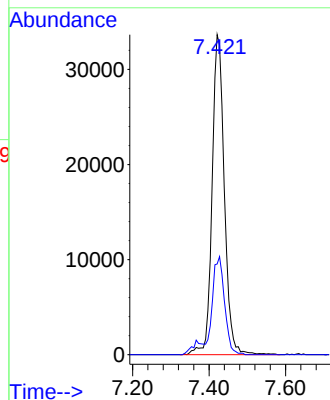
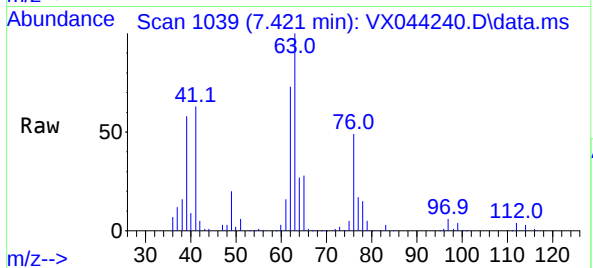
65 28.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#46

Dibromomethane

Concen: 51.437 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044240.D

Acq: 12 Dec 2024 10:20

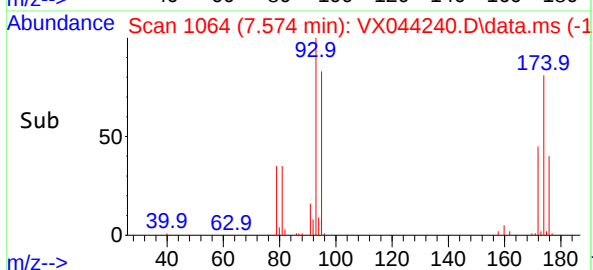
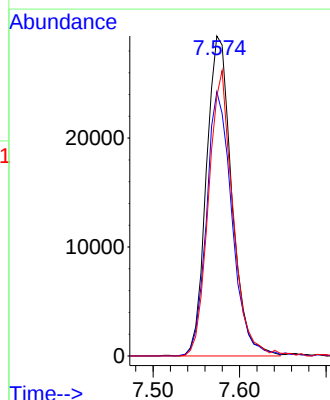
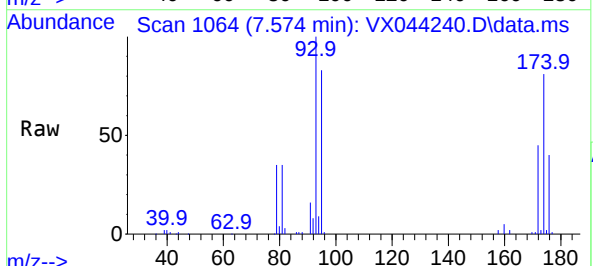
Tgt Ion: 93 Resp: 59805

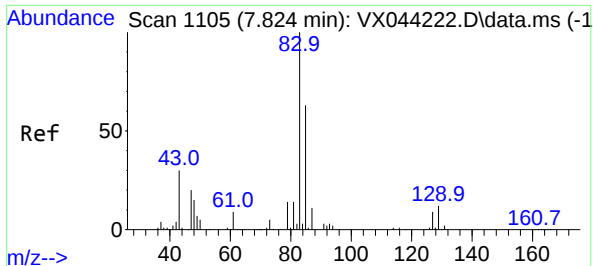
Ion Ratio Lower Upper

93 100

95 83.4 65.4 98.2

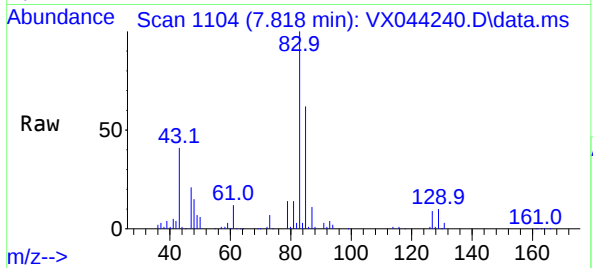
174 85.9 67.9 101.9





#47
Bromodichloromethane
Concen: 55.176 ug/l
RT: 7.818 min Scan# 110794
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

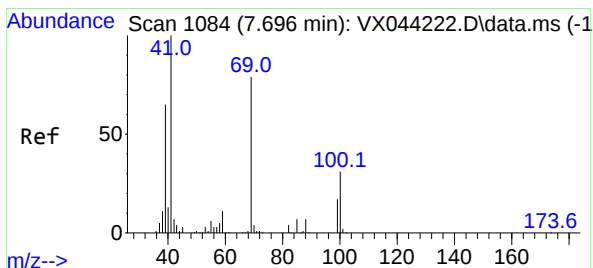
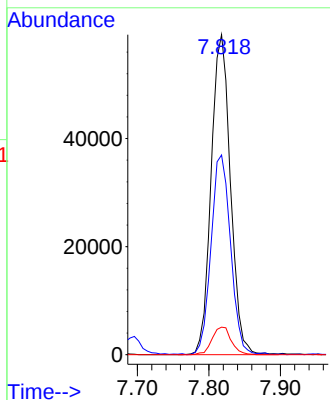
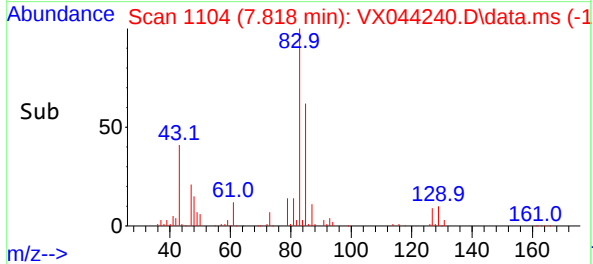
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110794
Ion Ratio Lower Upper
83 100
85 62.3 50.6 75.8
127 8.6 7.3 10.9

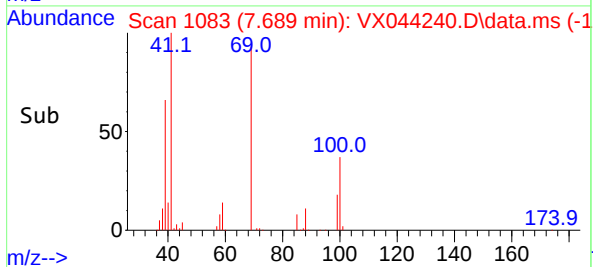
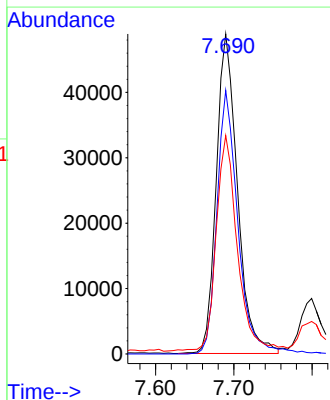
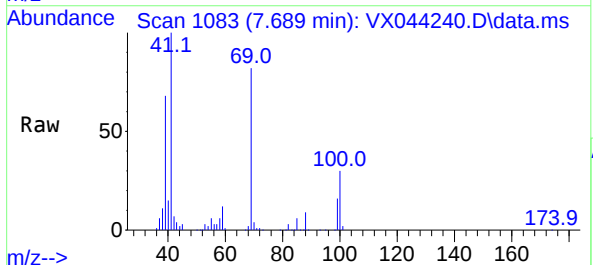
Manual Integrations
APPROVED

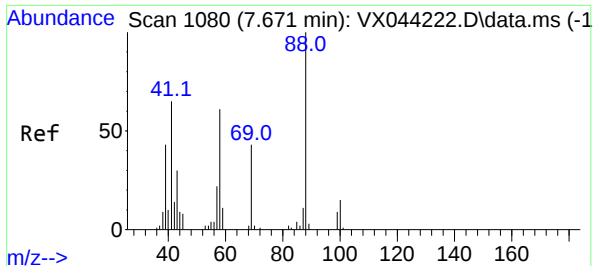
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#48
Methyl methacrylate
Concen: 50.810 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 41 Resp: 92069
Ion Ratio Lower Upper
41 100
69 82.1 62.4 93.6
39 67.0 53.3 79.9





#49

1,4-Dioxane

Concen: 953.212 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044240.D

Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2863

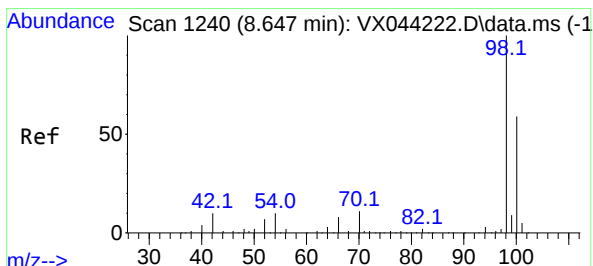
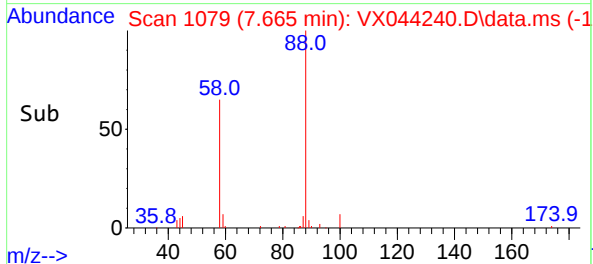
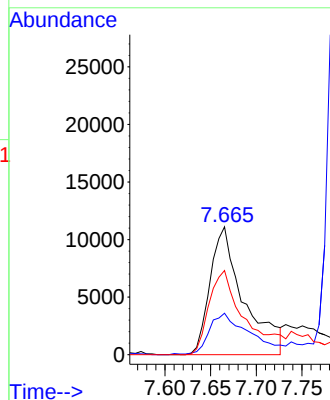
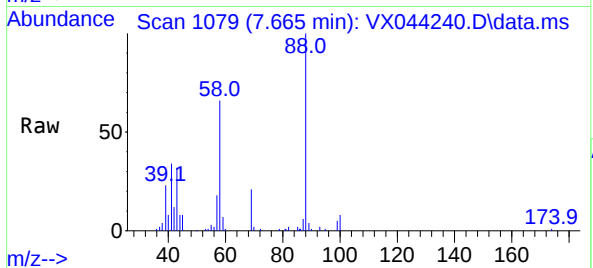
Ion	Ratio	Lower	Upper
88	100		
43	39.4	27.1	40.7
58	70.4	41.0	61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#50

Toluene-d8

Concen: 53.786 ug/l

RT: 8.647 min Scan# 1240

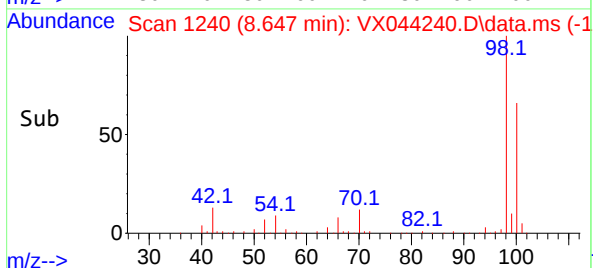
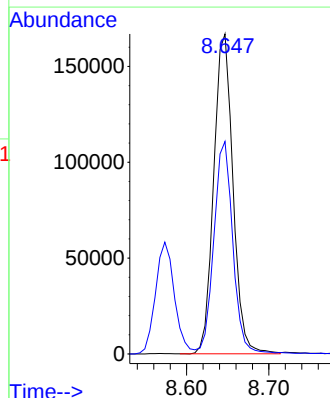
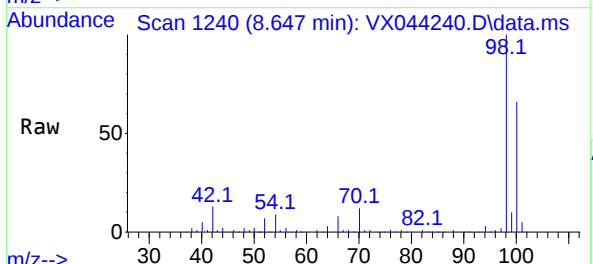
Delta R.T. -0.000 min

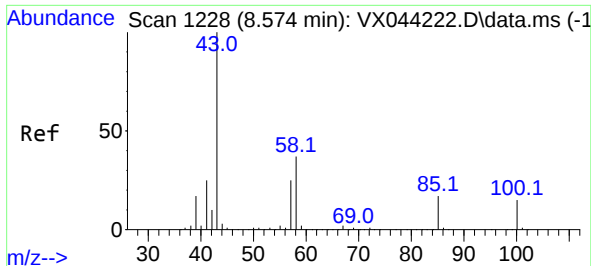
Lab File: VX044240.D

Acq: 12 Dec 2024 10:20

Tgt Ion: 98 Resp: 271221

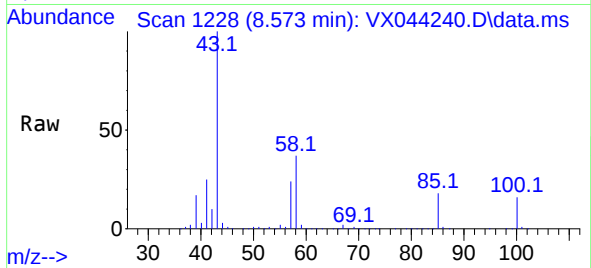
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 256.728 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

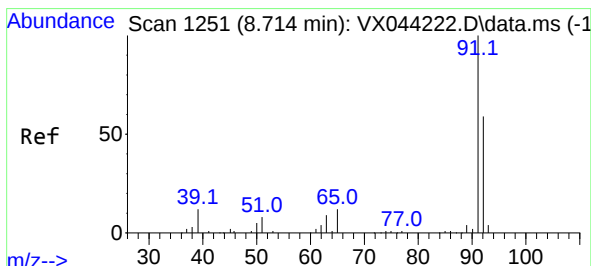
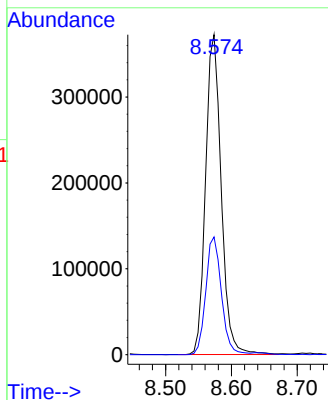
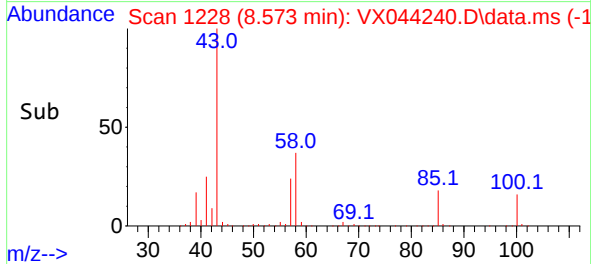
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



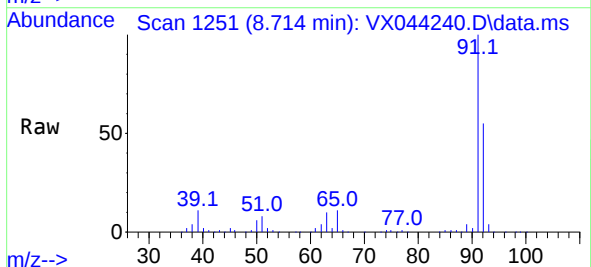
Tgt Ion: 43 Resp: 61618
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0

Manual Integrations
APPROVED

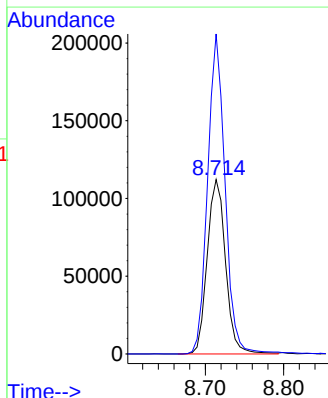
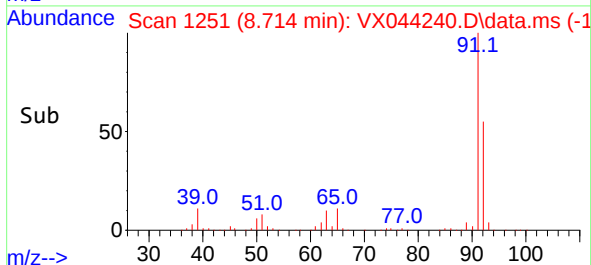
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

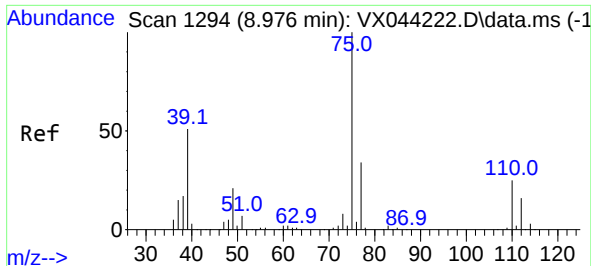


#52
Toluene
Concen: 49.541 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



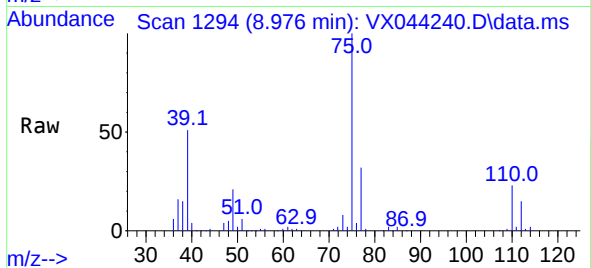
Tgt Ion: 92 Resp: 182498
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 51.887 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

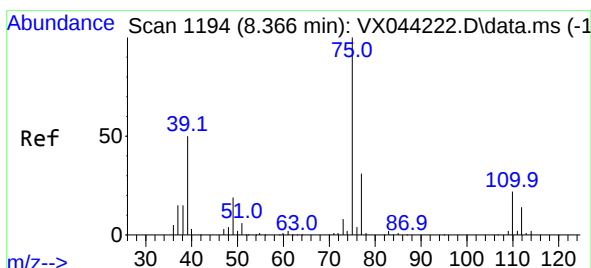
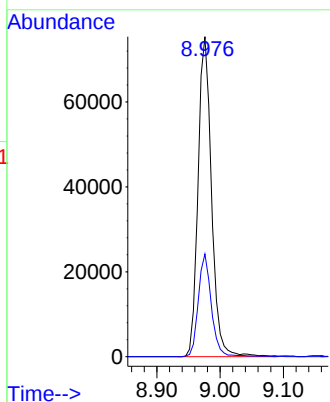
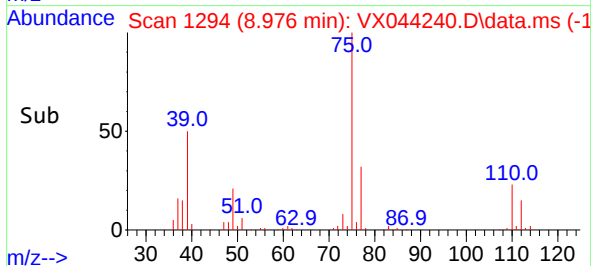
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



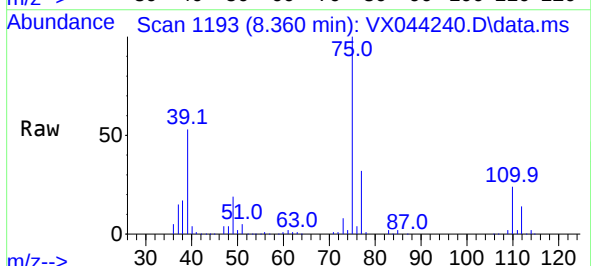
Tgt Ion: 75 Resp: 112130
Ion Ratio Lower Upper
75 100
77 32.1 27.2 40.8

Manual Integrations
APPROVED

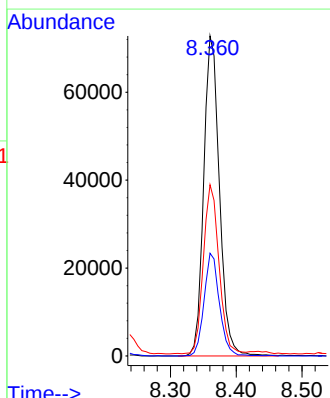
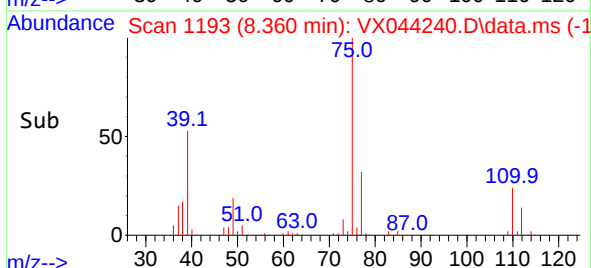
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

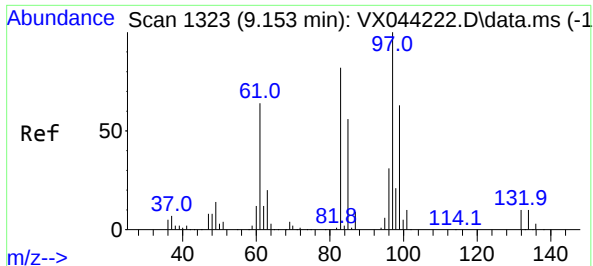


#54
cis-1,3-Dichloropropene
Concen: 55.397 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion: 75 Resp: 121119
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 52.7 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 51.586 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 75494

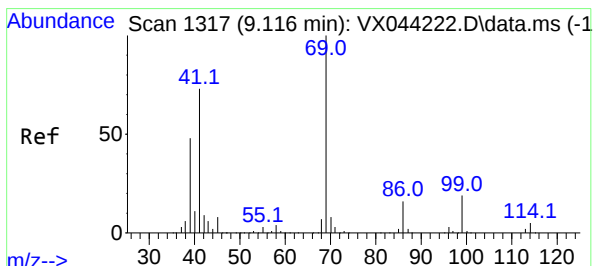
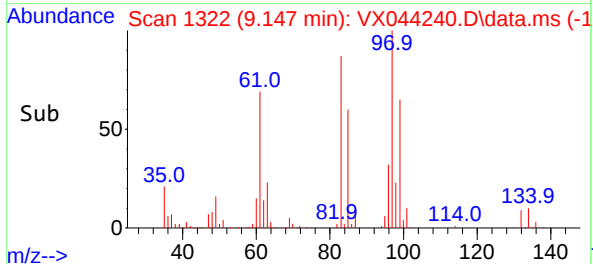
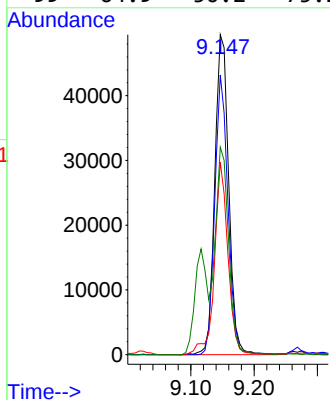
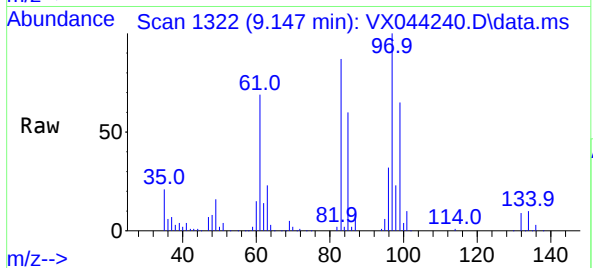
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.3	97.9
85	60.2	44.6	67.0
99	64.9	50.2	75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

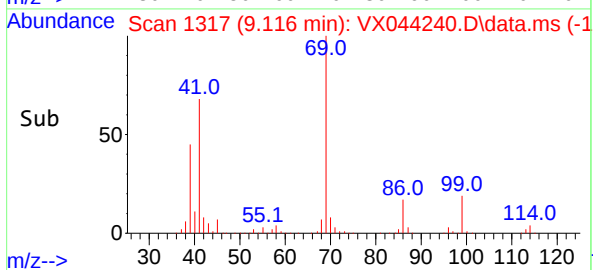
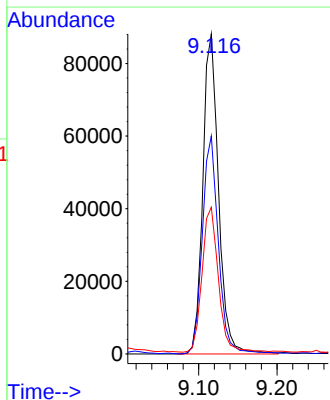
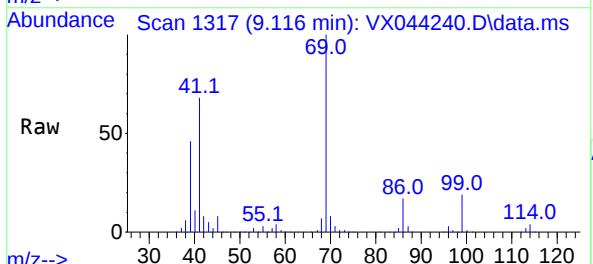
Supervised By :Mahesh Dadoda 12/13/2024

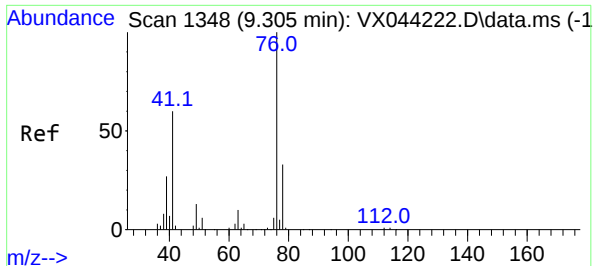


#56
Ethyl methacrylate
Concen: 53.180 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 69 Resp: 122862

Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.6	85.0
39	46.8	37.4	56.0





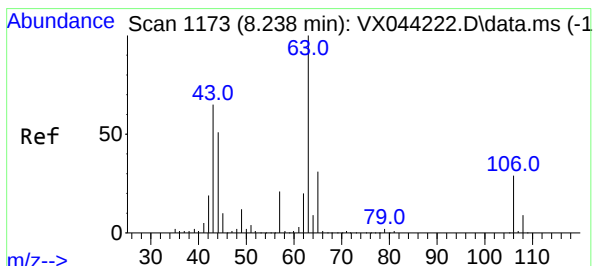
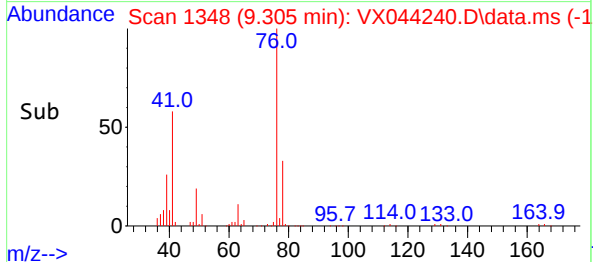
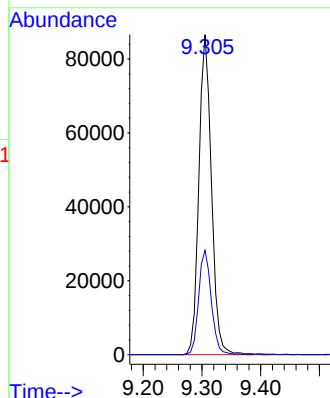
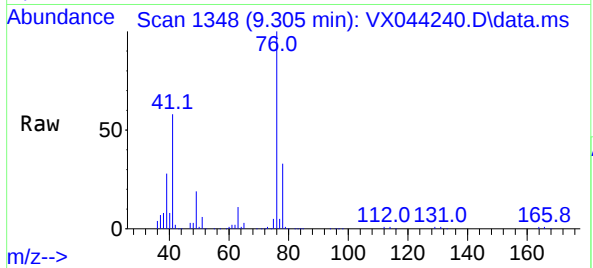
#57
1,3-Dichloropropane
Concen: 50.408 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12840
Ion Ratio Lower Upper
76 100
78 32.7 26.5 39.7

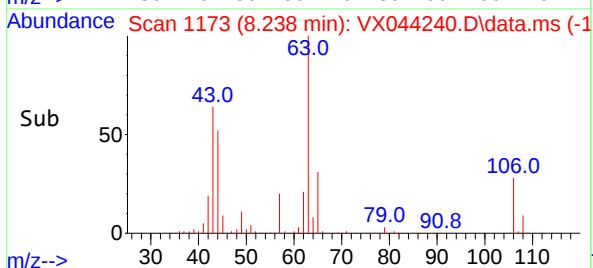
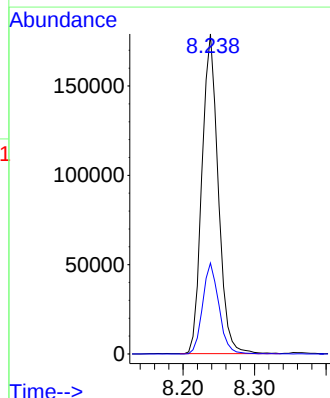
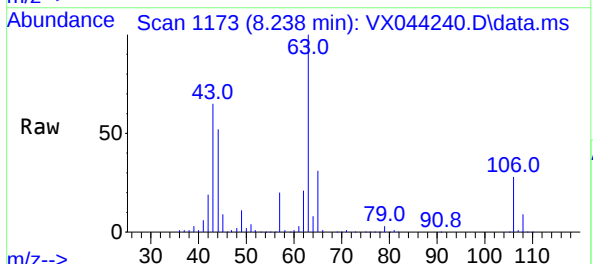
Manual Integrations
APPROVED

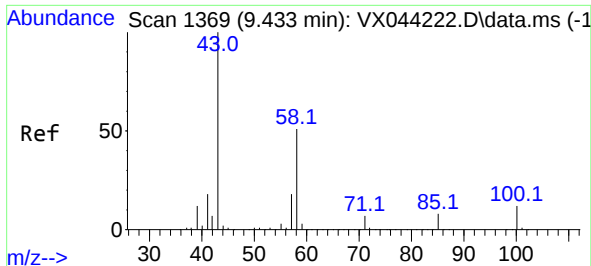
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 242.719 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 63 Resp: 282829
Ion Ratio Lower Upper
63 100
106 28.4 22.8 34.2





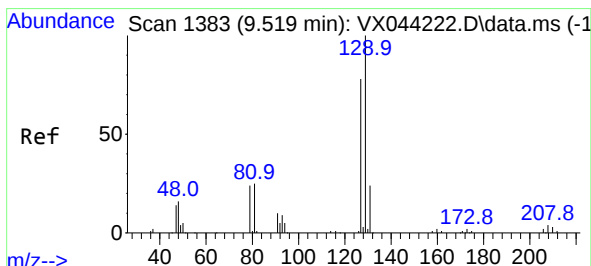
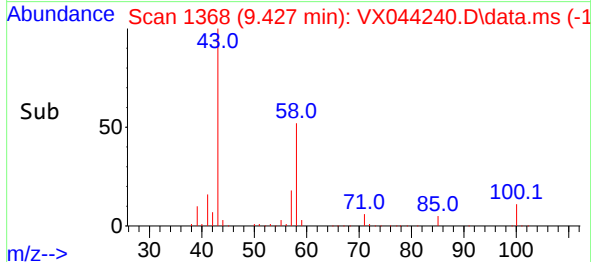
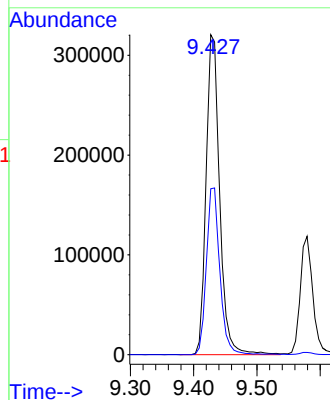
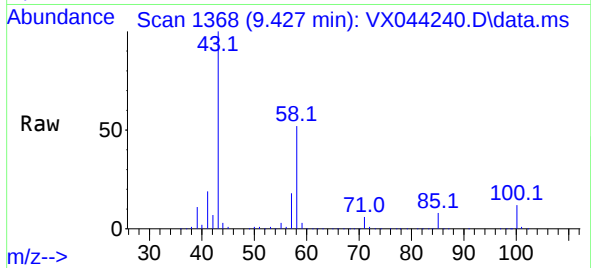
#59
2-Hexanone
Concen: 275.859 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 479244
Ion Ratio Lower Upper
43 100
58 51.9 25.7 77.0

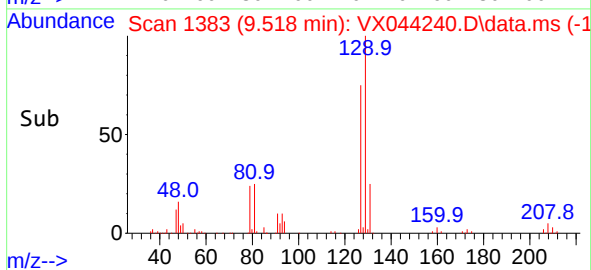
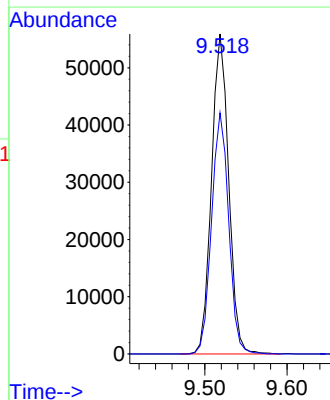
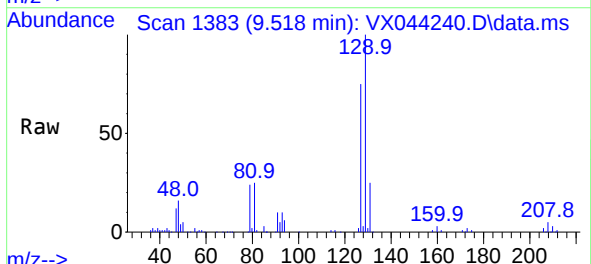
Manual Integrations
APPROVED

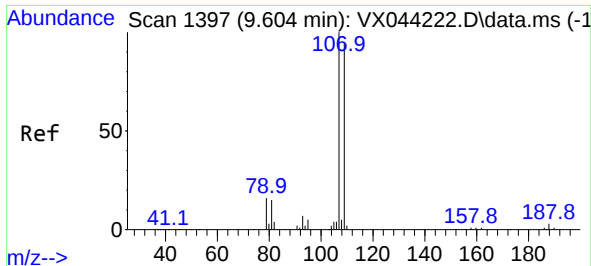
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#60
Dibromochloromethane
Concen: 52.100 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:129 Resp: 80979
Ion Ratio Lower Upper
129 100
127 75.3 38.5 115.3





#61
1,2-Dibromoethane
Concen: 52.963 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

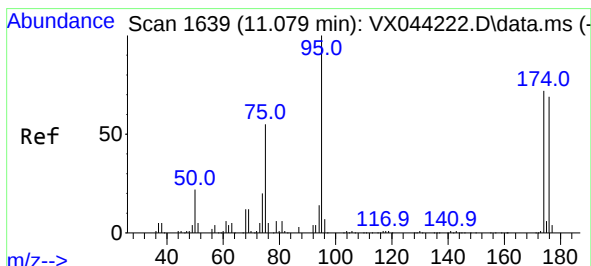
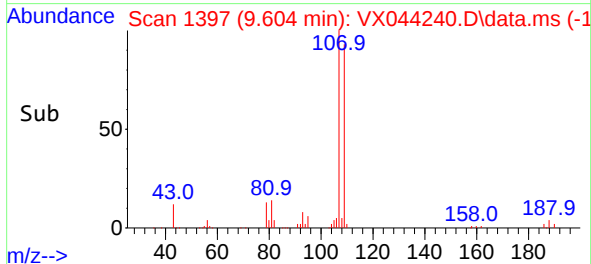
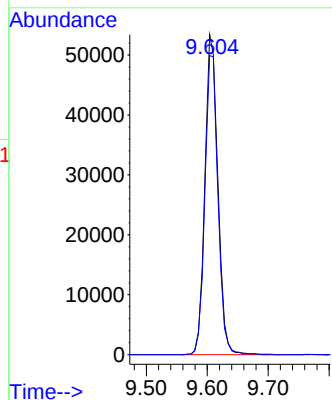
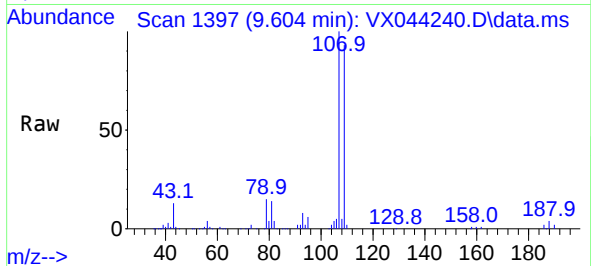
Tgt Ion:107 Resp: 78890
Ion Ratio Lower Upper
107 100
109 94.7 77.0 115.4

Manual Integrations

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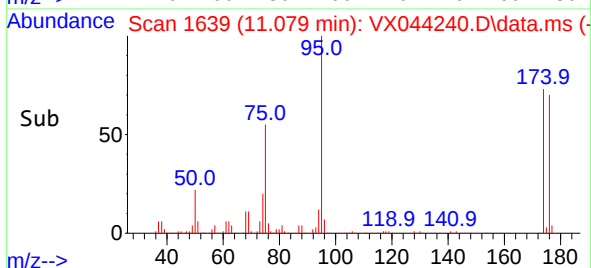
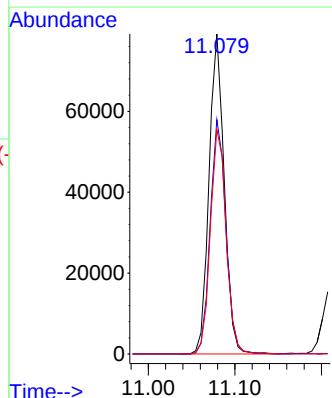
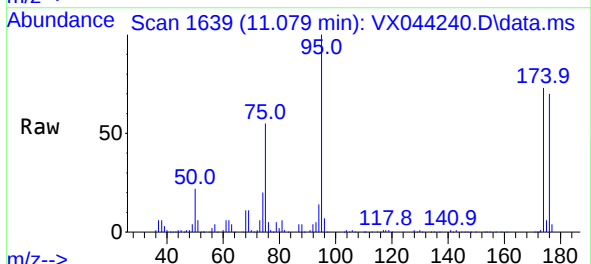
Reviewed By :John Carlone 12/13/2024

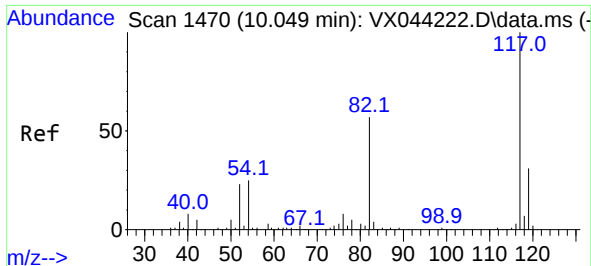
Supervised By :Mahesh Dadoda 12/13/2024



#62
4-Bromofluorobenzene
Concen: 54.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 95 Resp: 96349
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.8
176 72.8 0.0 137.8





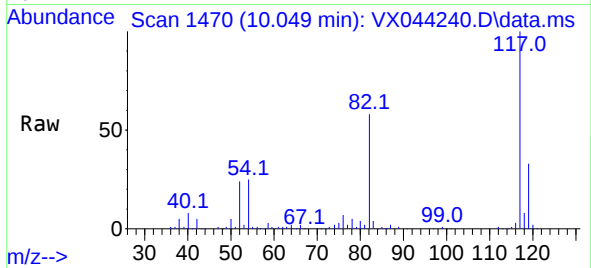
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



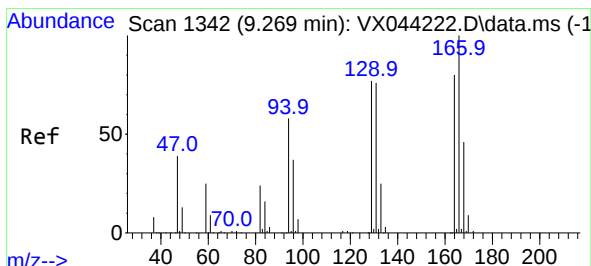
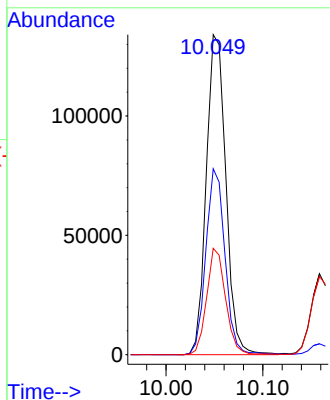
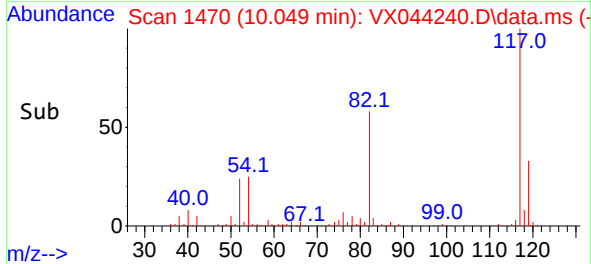
Tgt Ion:117 Resp: 189044
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.8
119 33.2 25.0 37.4

Manual Integrations

APPROVED

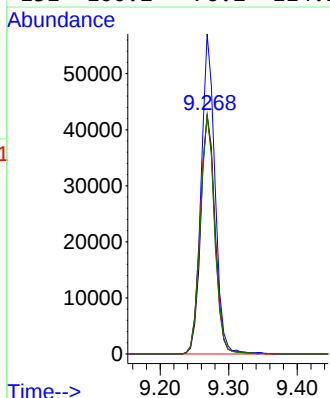
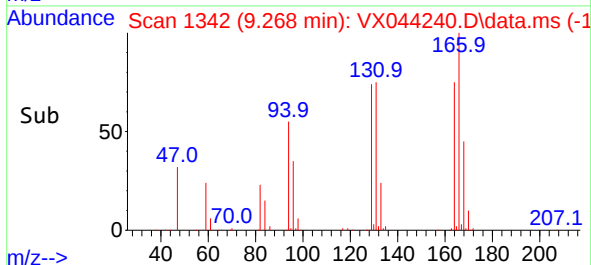
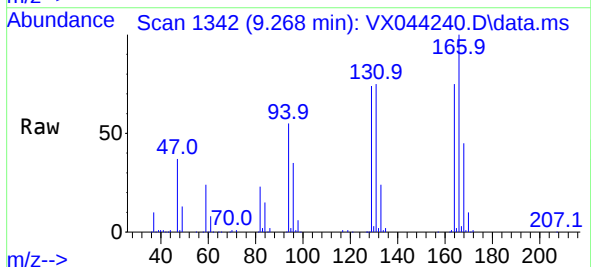
Reviewed By :John Carlone 12/13/2024

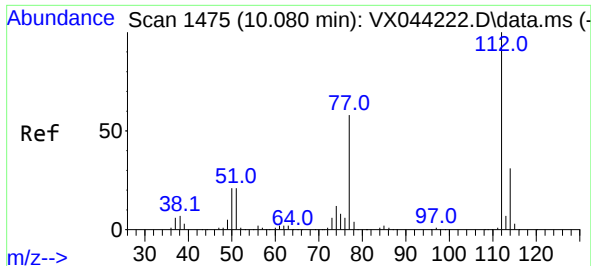
Supervised By :Mahesh Dadoda 12/13/2024



#64
Tetrachloroethene
Concen: 50.056 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:164 Resp: 62806
Ion Ratio Lower Upper
164 100
166 133.8 100.4 150.6
129 99.2 77.2 115.8
131 100.2 76.2 114.2





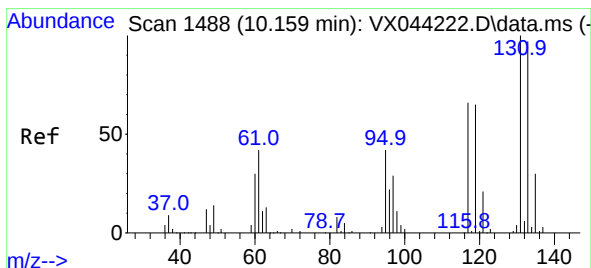
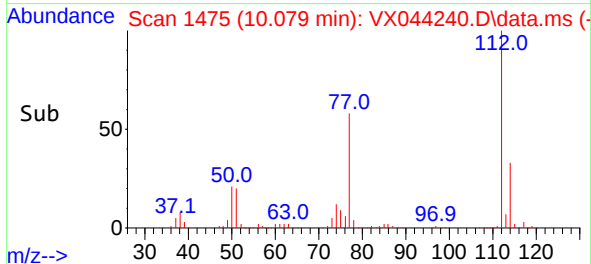
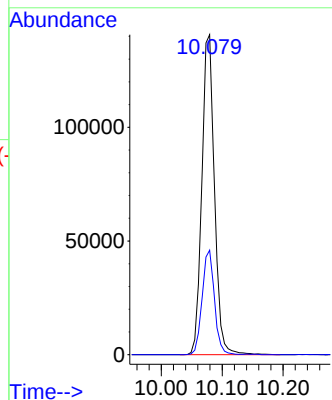
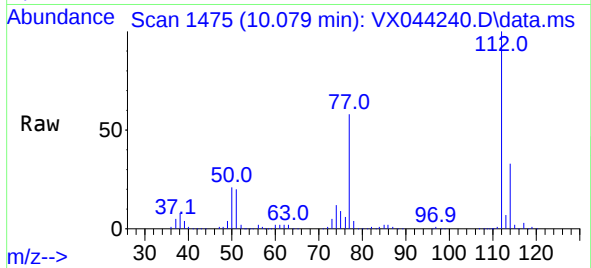
#65
Chlorobenzene
Concen: 50.151 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 20315
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6

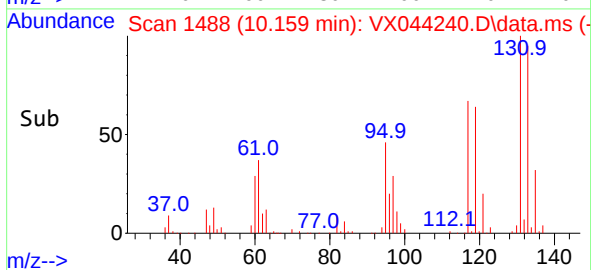
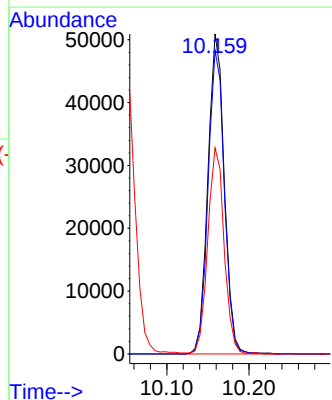
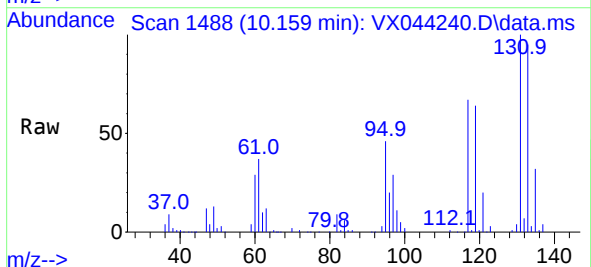
Manual Integrations
APPROVED

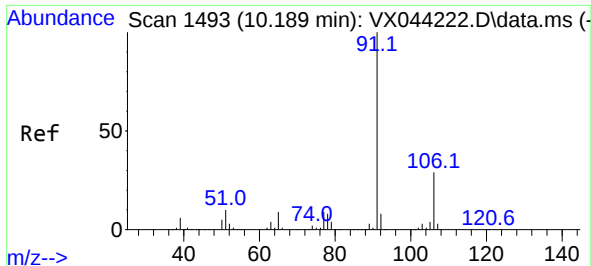
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.188 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:131 Resp: 70546
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 63.6 31.6 95.0





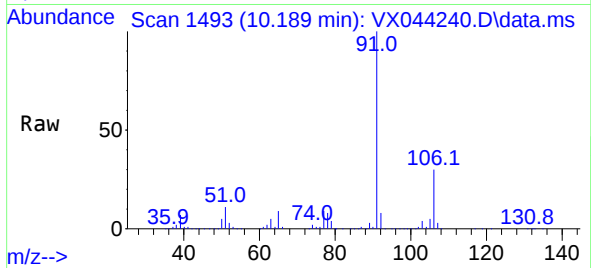
#67
Ethyl Benzene
Concen: 50.857 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



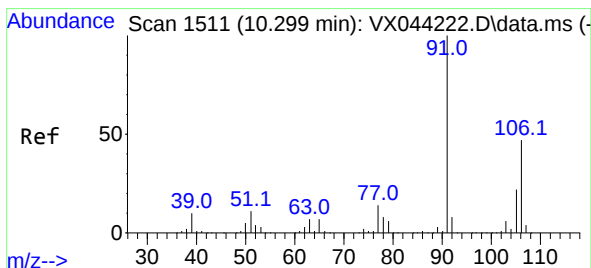
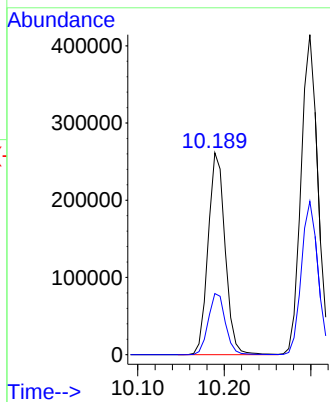
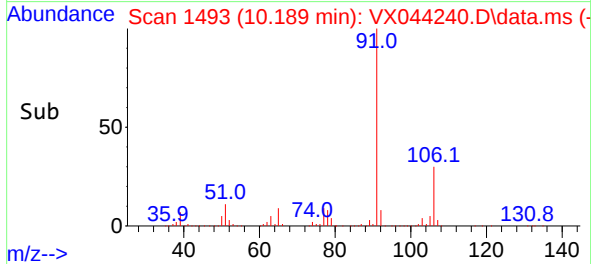
Tgt Ion: 91 Resp: 355955
Ion Ratio Lower Upper
91 100
106 30.3 23.5 35.3

Manual Integrations

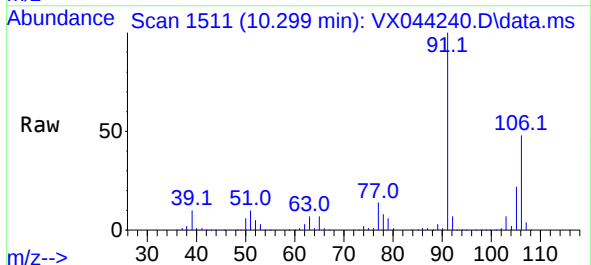
APPROVED

Reviewed By :John Carlone 12/13/2024

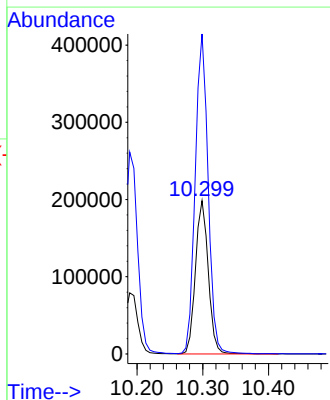
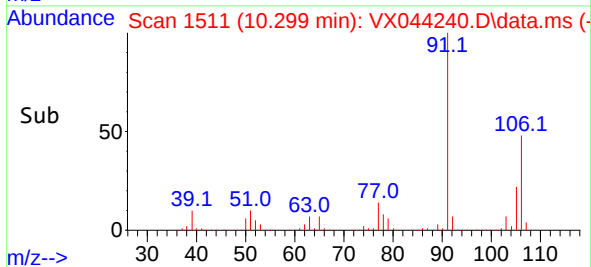
Supervised By :Mahesh Dadoda 12/13/2024

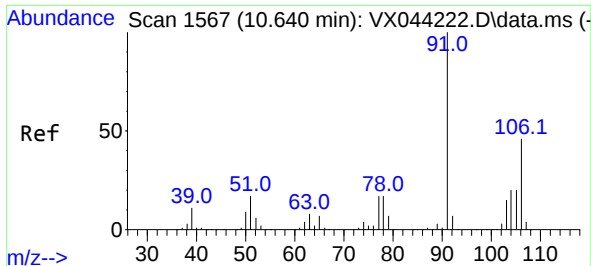


#68
m/p-Xylenes
Concen: 104.240 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion:106 Resp: 267716
Ion Ratio Lower Upper
106 100
91 209.3 170.2 255.2





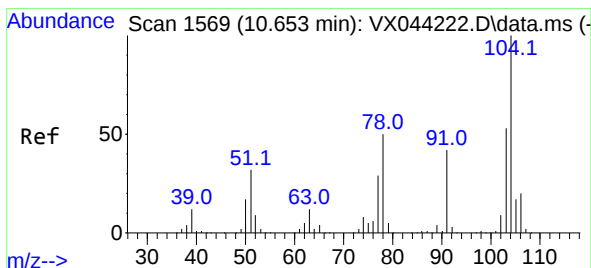
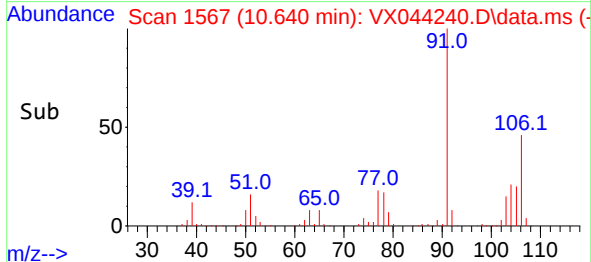
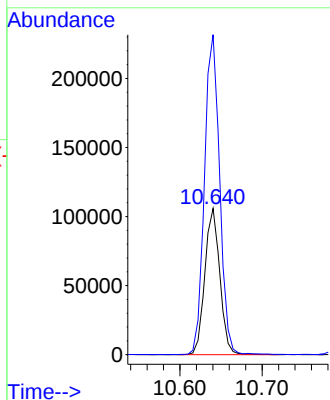
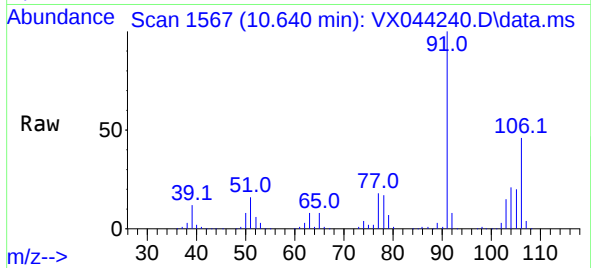
#69
o-Xylene
Concen: 51.554 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 133960
Ion Ratio Lower Upper
106 100
91 222.5 112.3 337.0

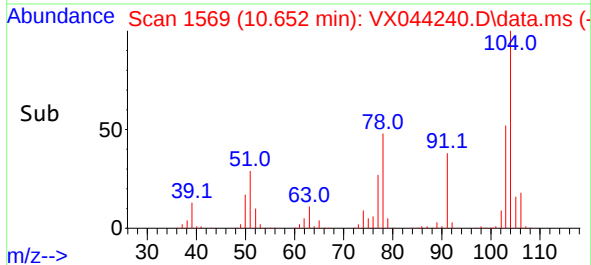
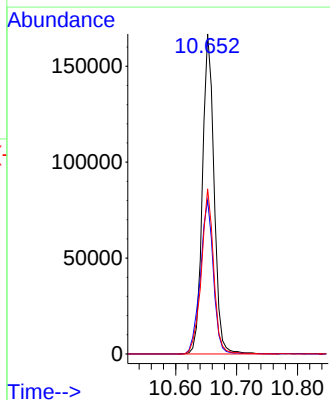
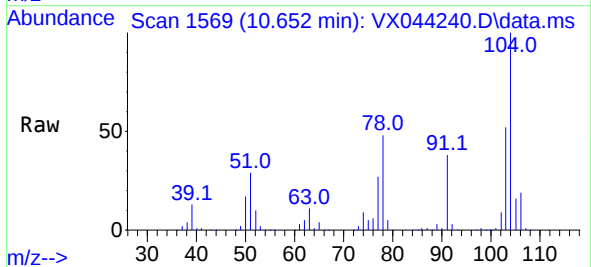
Manual Integrations
APPROVED

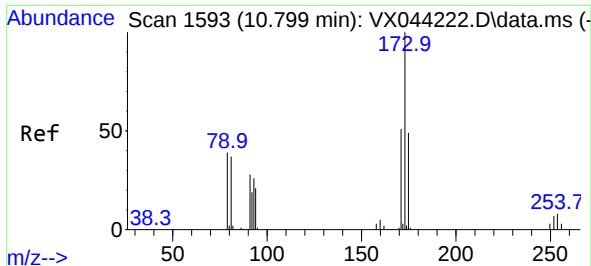
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#70
Styrene
Concen: 53.455 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

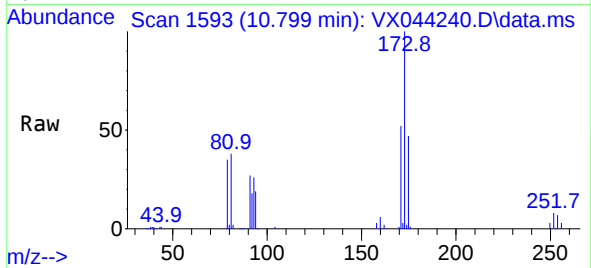
Tgt Ion:104 Resp: 222679
Ion Ratio Lower Upper
104 100
78 53.6 44.6 67.0
103 54.4 45.4 68.0





#71
Bromoform
Concen: 52.858 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

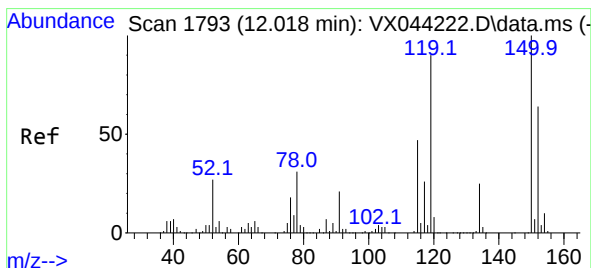
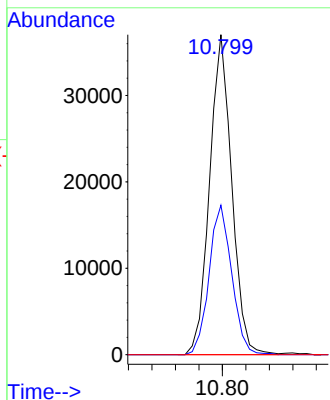
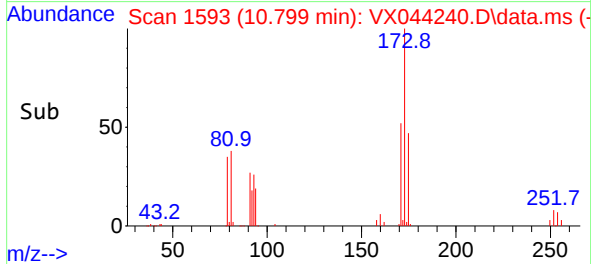
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4844
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.4
254 0.0 0.0 0.0

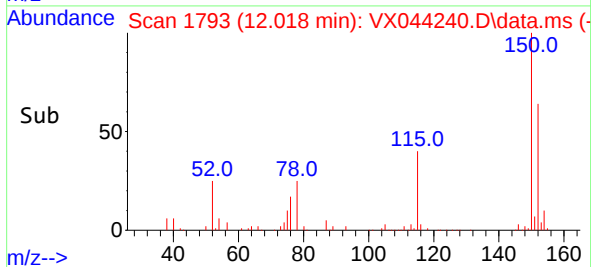
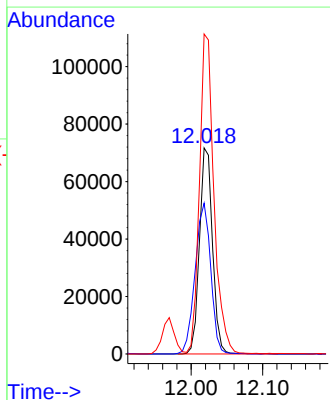
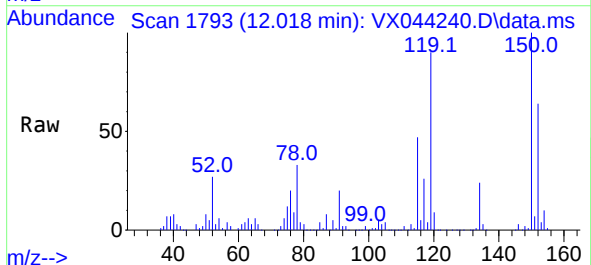
Manual Integrations
APPROVED

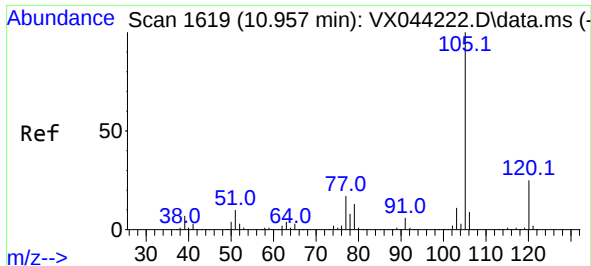
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:152 Resp: 90767
Ion Ratio Lower Upper
152 100
115 88.1 44.5 133.3
150 172.2 0.0 353.8





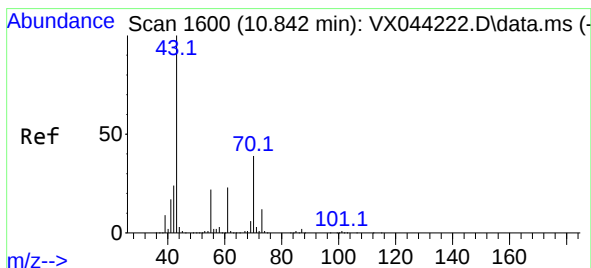
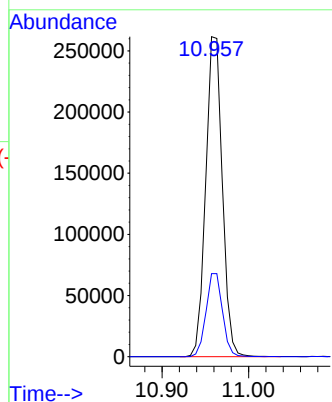
#73
Isopropylbenzene
Concen: 50.096 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 34809
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

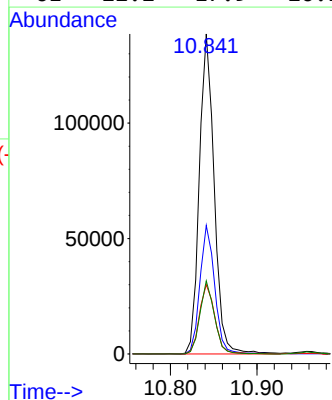
Manual Integrations
APPROVED

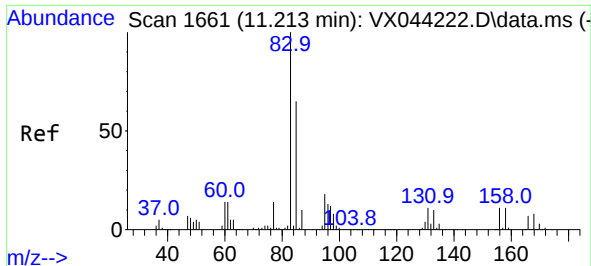
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#74
N-ethyl acetate
Concen: 51.543 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

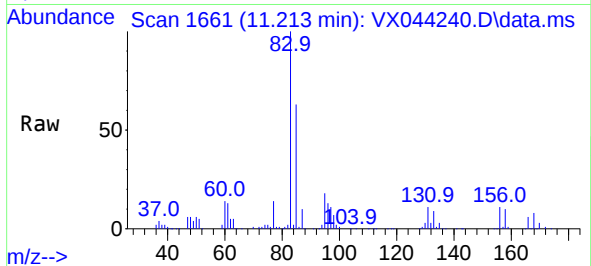
Tgt Ion: 43 Resp: 165520
Ion Ratio Lower Upper
43 100
70 40.3 31.9 47.9
55 22.7 17.9 26.9
61 22.2 17.9 26.9





#75
1,1,2,2-Tetrachloroethane
Concen: 49.187 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

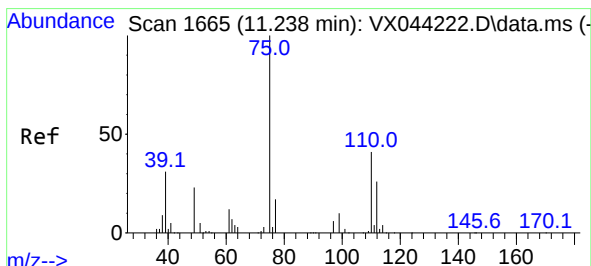
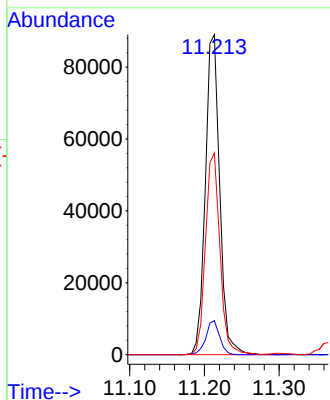
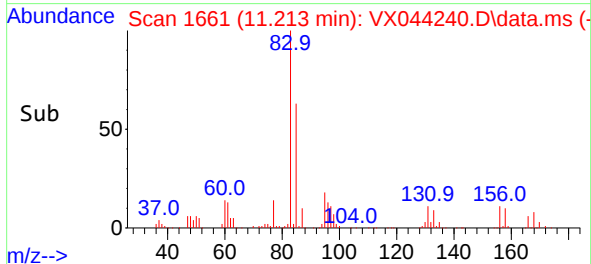
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



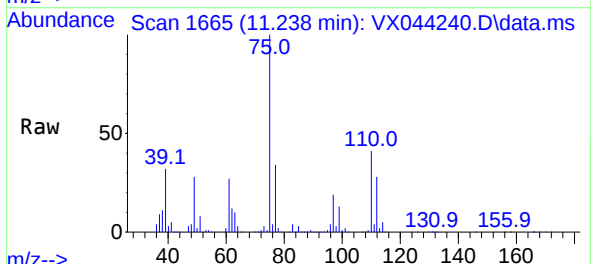
Tgt Ion: 83 Resp: 118712
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 63.6 32.5 97.4

Manual Integrations
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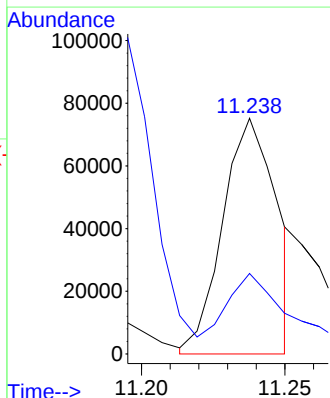
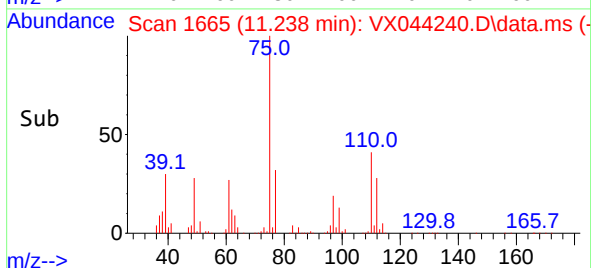
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

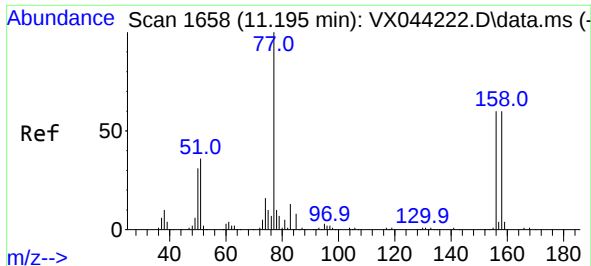


#76
1,2,3-Trichloropropane
Concen: 48.778 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



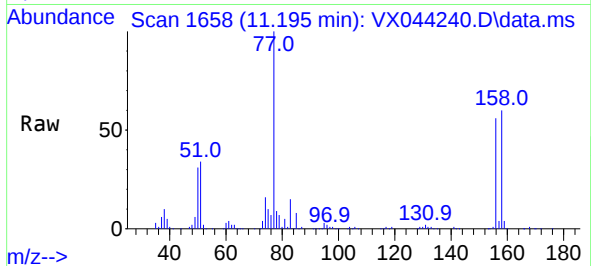
Tgt Ion: 75 Resp: 98854
Ion Ratio Lower Upper
75 100
77 41.8 20.9 62.7





#77
Bromobenzene
Concen: 46.773 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

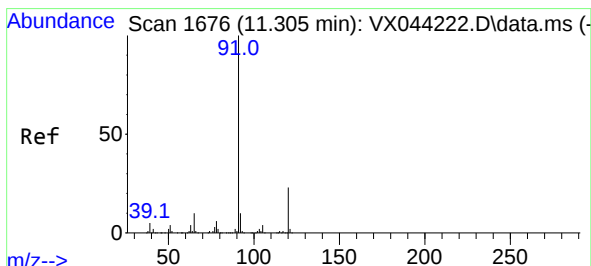
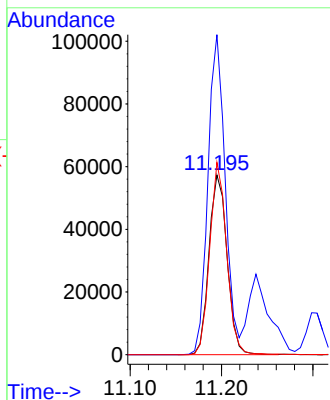
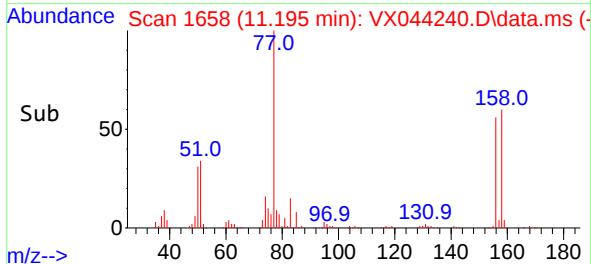
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



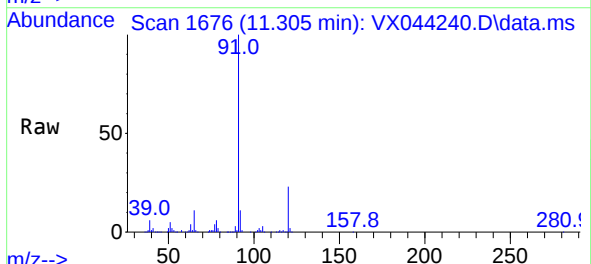
Tgt Ion:156 Resp: 78812
Ion Ratio Lower Upper
156 100
77 169.3 82.6 247.8
158 100.3 48.8 146.4

Manual Integrations
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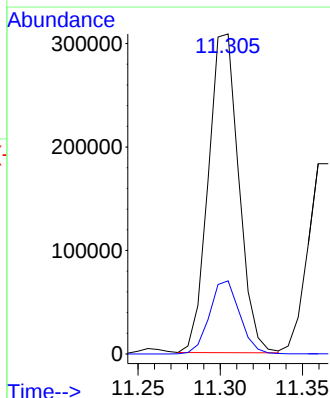
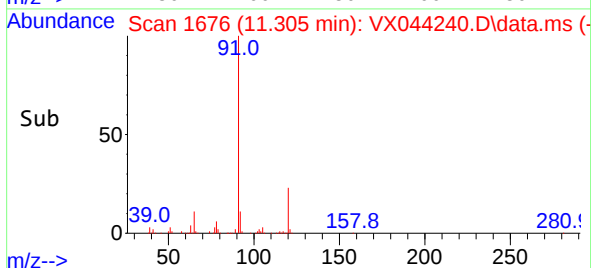
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

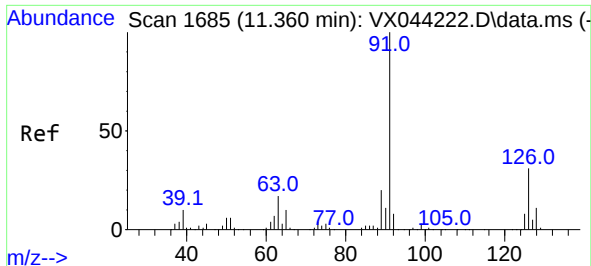


#78
n-propylbenzene
Concen: 51.705 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion: 91 Resp: 397095
Ion Ratio Lower Upper
91 100
120 22.8 11.0 33.0





#79
2-Chlorotoluene
Concen: 48.551 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

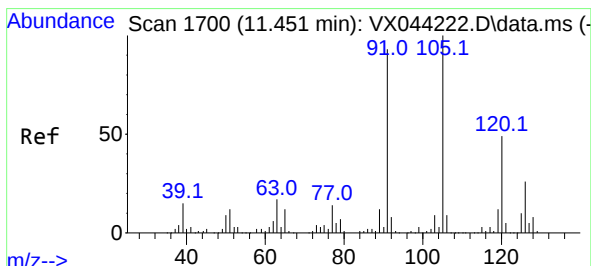
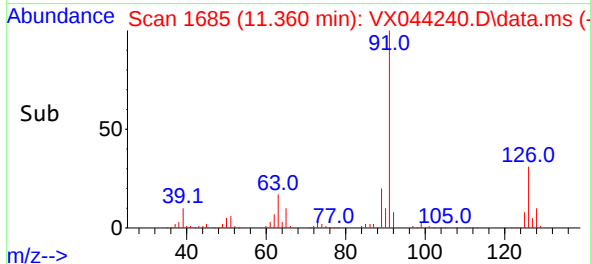
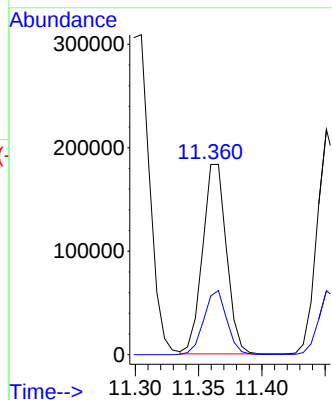
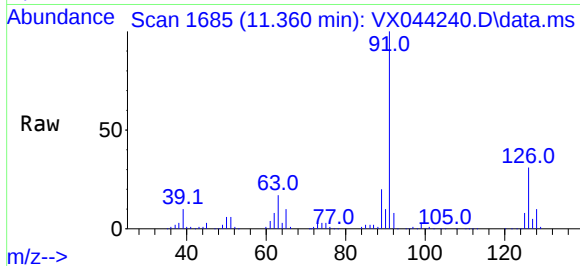
VSTDCCC050

Tgt Ion: 91 Resp: 241148
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

Manual Integrations

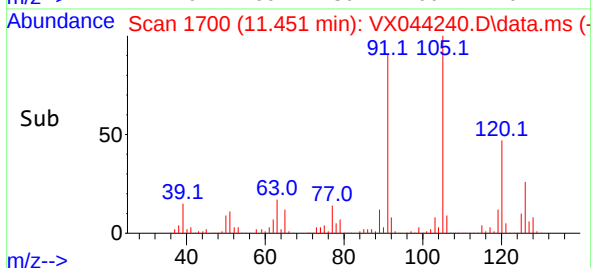
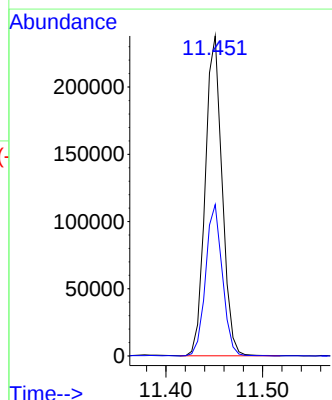
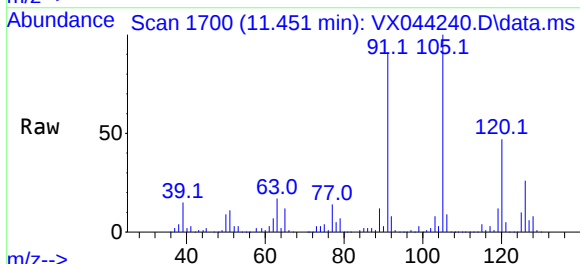
APPROVED

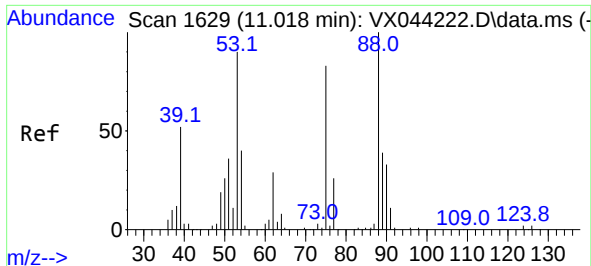
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.132 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

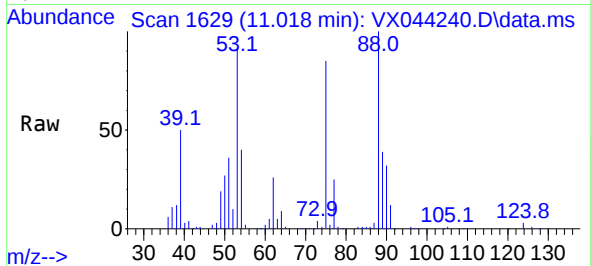
Tgt Ion:105 Resp: 288881
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.141 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

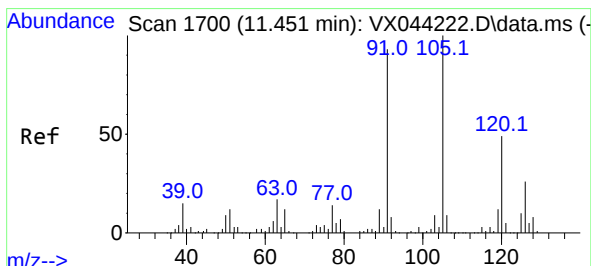
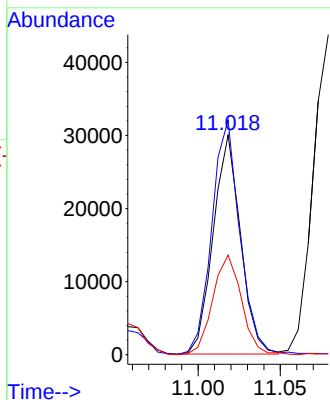
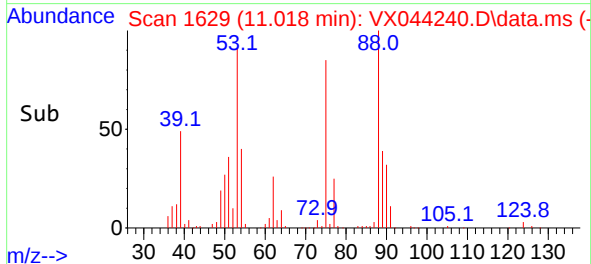
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 34678
Ion Ratio Lower Upper
75 100
53 111.1 93.6 140.4
89 47.9 37.3 55.9

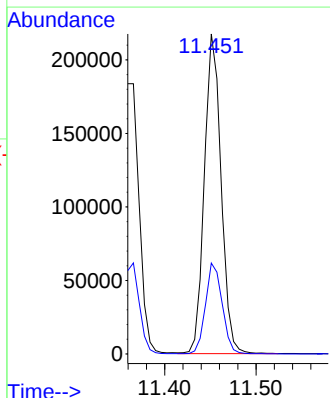
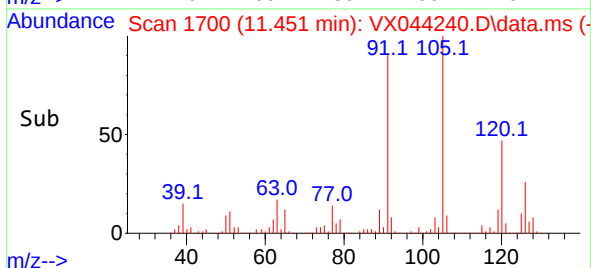
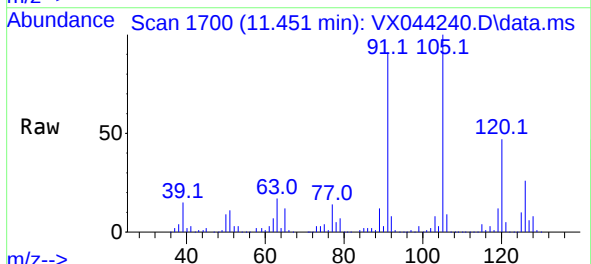
Manual Integrations
APPROVED

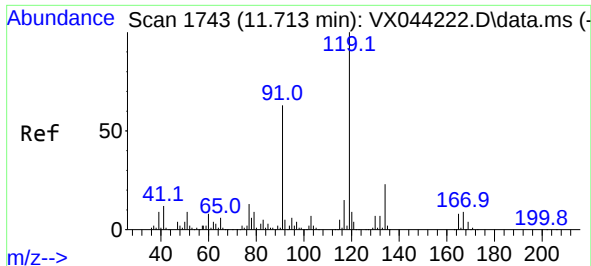
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#82
4-Chlorotoluene
Concen: 50.087 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 91 Resp: 275483
Ion Ratio Lower Upper
91 100
126 28.5 14.5 43.5





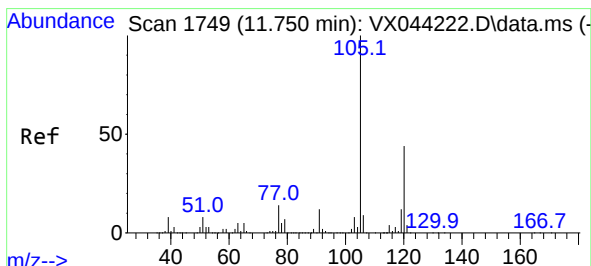
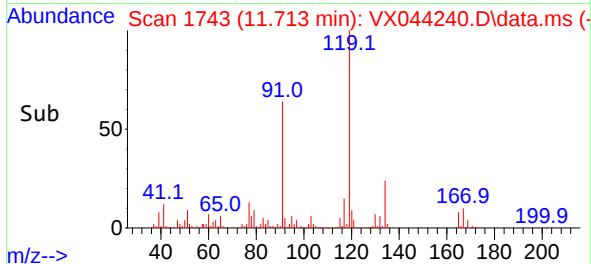
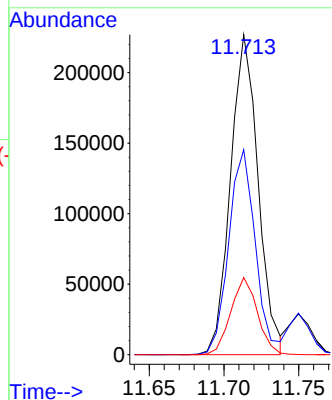
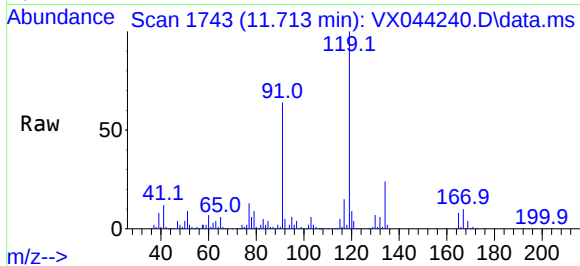
#83
tert-Butylbenzene
Concen: 51.203 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 29158
Ion Ratio Lower Upper
119 100
91 61.9 30.9 92.5
134 23.2 11.5 34.4

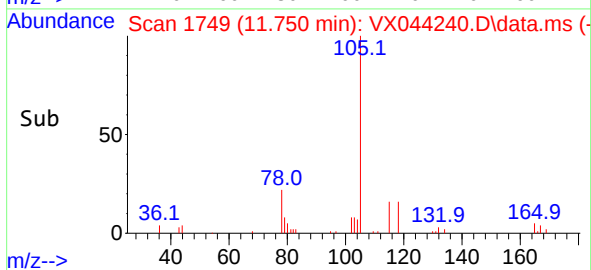
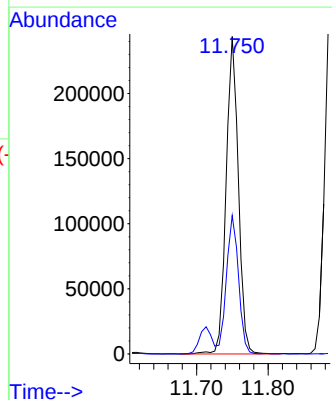
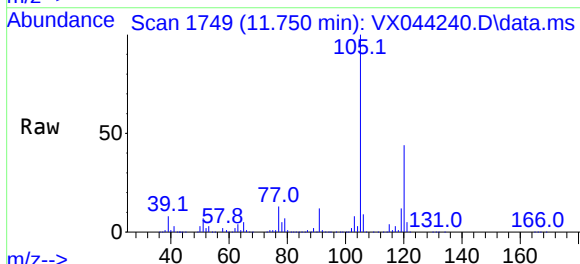
Manual Integrations
APPROVED

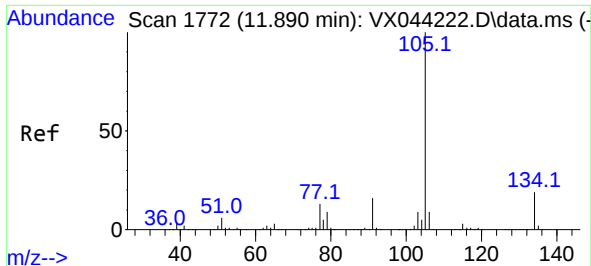
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.103 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion:105 Resp: 289199
Ion Ratio Lower Upper
105 100
120 43.1 21.7 65.1





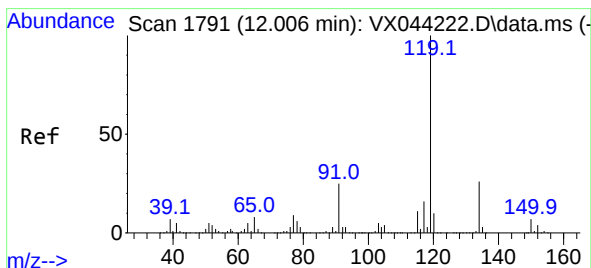
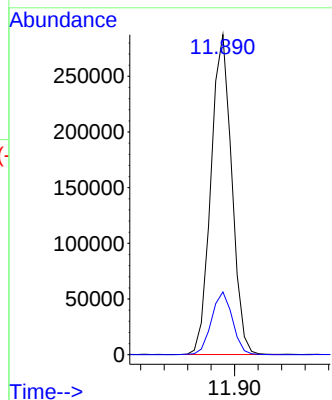
#85
sec-Butylbenzene
Concen: 51.106 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 35332
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.4

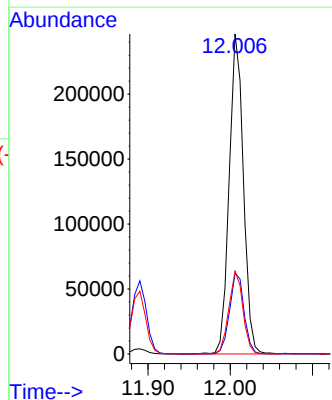
Manual Integrations
APPROVED

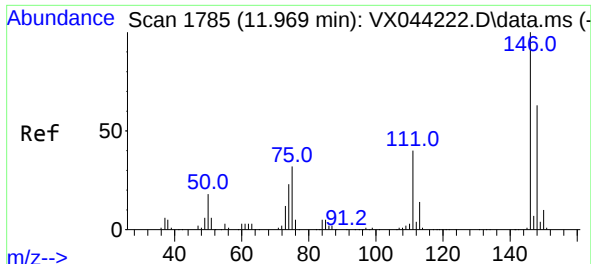
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#86
p-Isopropyltoluene
Concen: 51.388 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

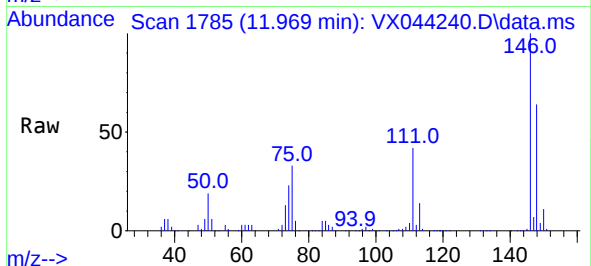
Tgt Ion:119 Resp: 295691
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.4
91 25.6 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 50.724 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

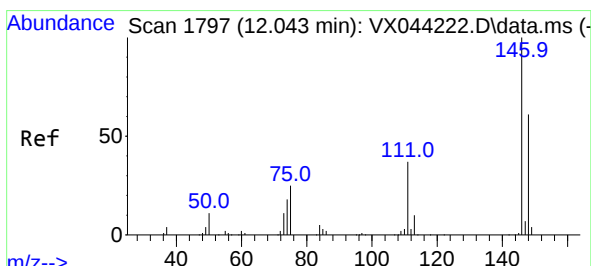
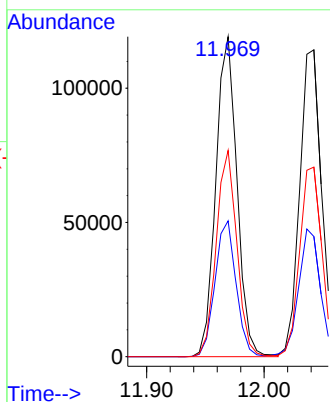
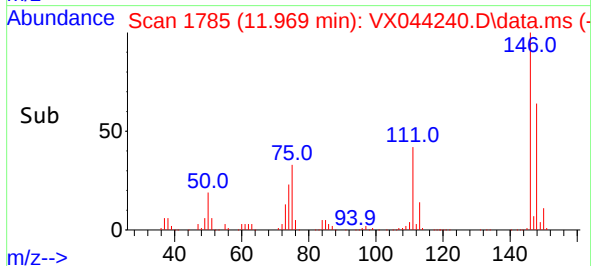
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



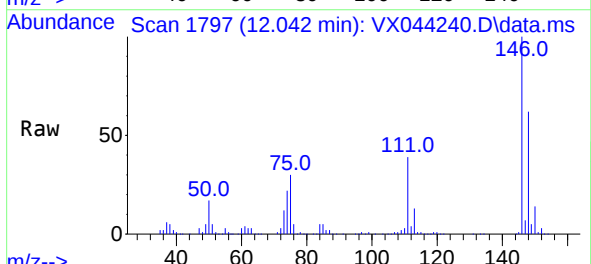
Tgt Ion:146 Resp: 149295
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.2
148 62.8 31.7 95.1

Manual Integrations
APPROVED

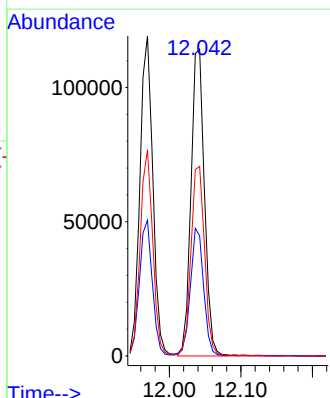
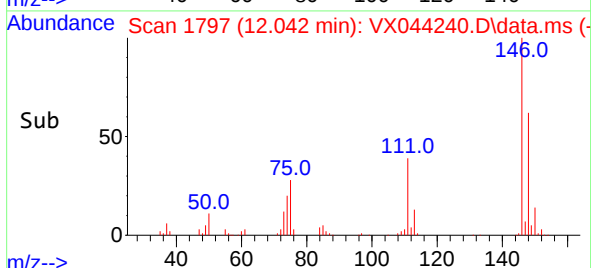
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

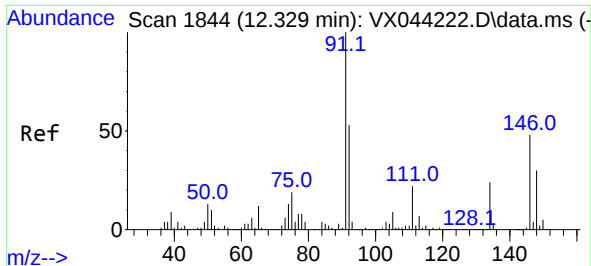


#88
1,4-Dichlorobenzene
Concen: 49.542 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion:146 Resp: 149895
Ion Ratio Lower Upper
146 100
111 40.7 21.0 63.0
148 62.2 32.3 96.8





#89

n-Butylbenzene

Concen: 54.316 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044240.D

Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 262810

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

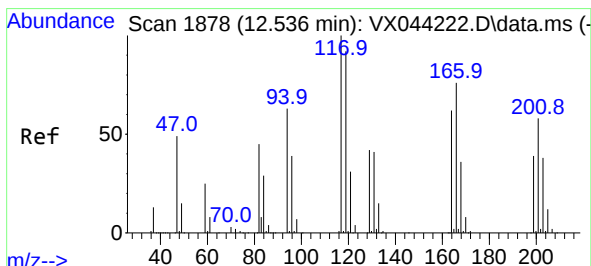
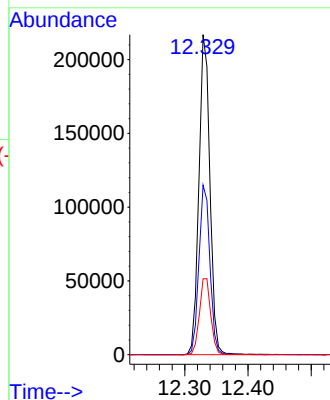
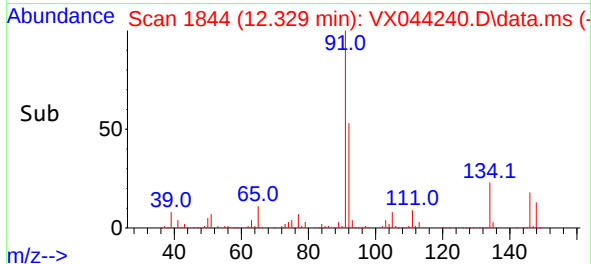
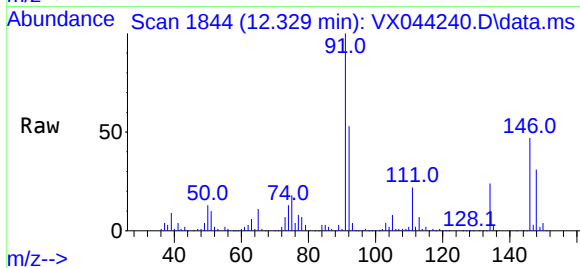
134 24.5 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#90

Hexachloroethane

Concen: 56.369 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044240.D

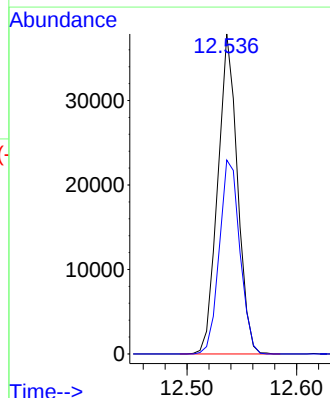
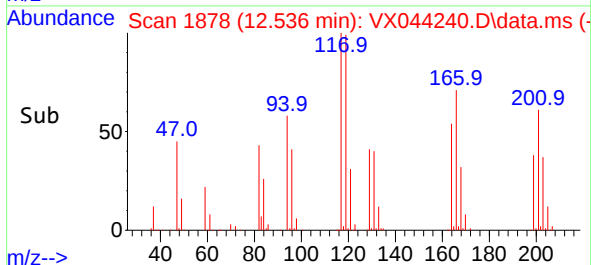
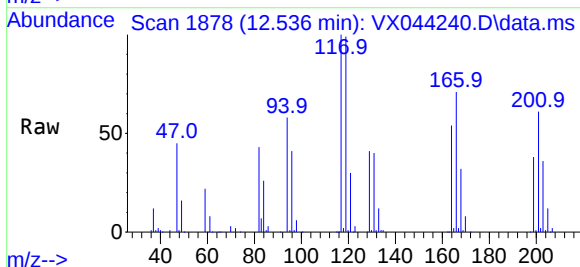
Acq: 12 Dec 2024 10:20

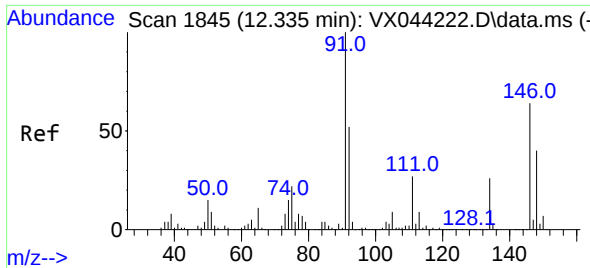
Tgt Ion:117 Resp: 47347

Ion Ratio Lower Upper

117 100

201 63.2 31.4 94.2





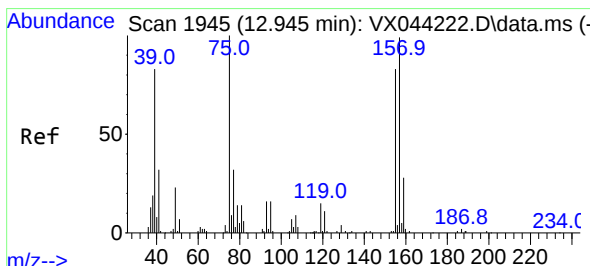
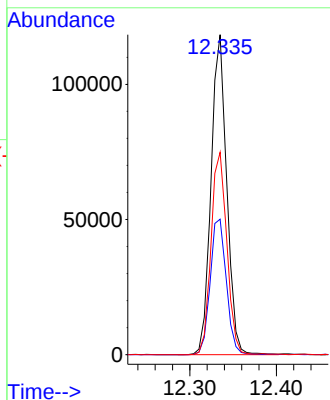
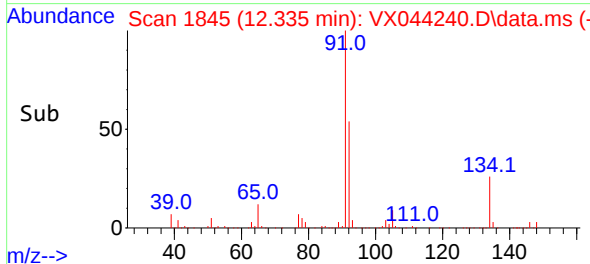
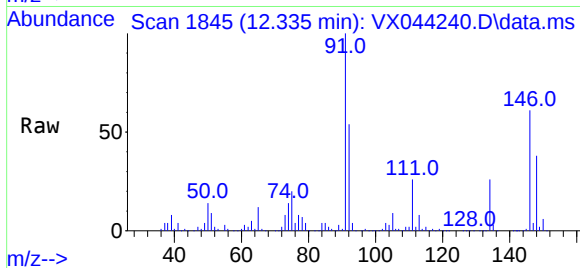
#91
1,2-Dichlorobenzene
Concen: 48.760 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 149010
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 63.7 31.6 95.0

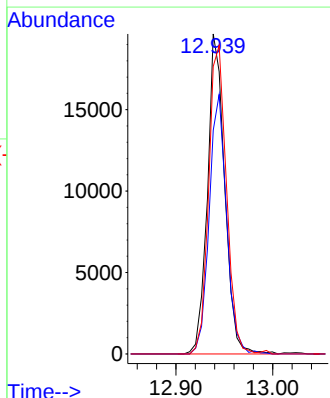
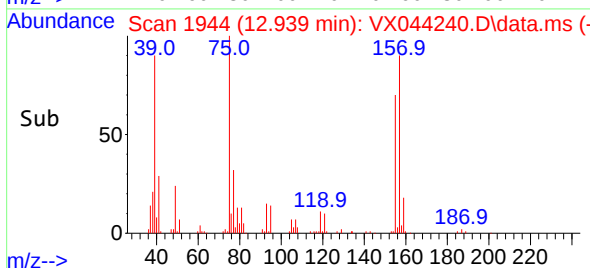
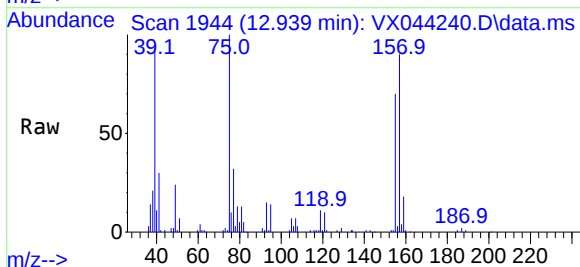
Manual Integrations
APPROVED

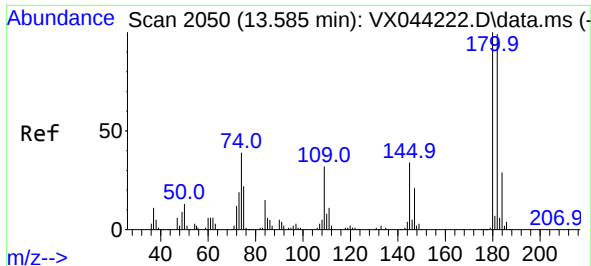
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.052 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Tgt Ion: 75 Resp: 24387
Ion Ratio Lower Upper
75 100
155 81.5 38.1 114.3
157 99.8 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 52.322 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

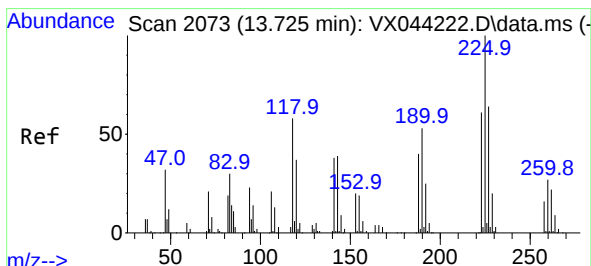
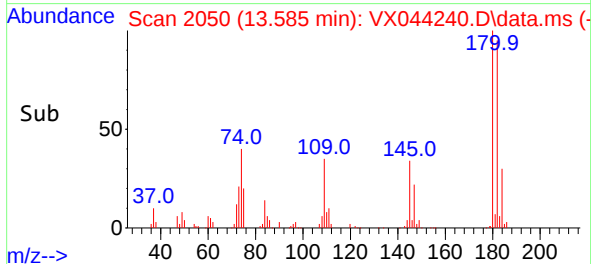
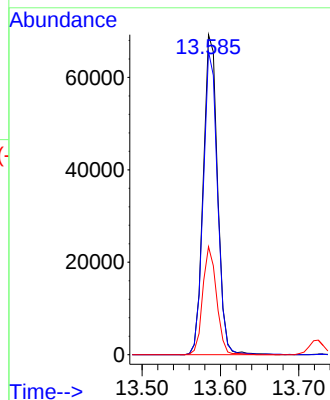
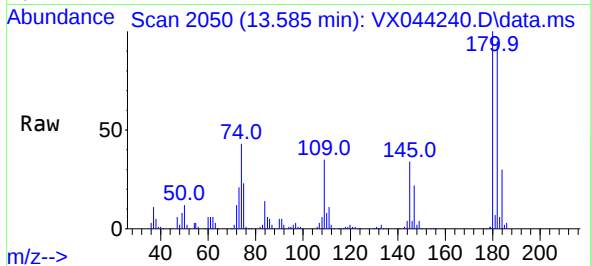
Tgt Ion:180 Resp: 87664
Ion Ratio Lower Upper
180 100
182 94.2 48.0 144.2
145 32.8 16.6 49.7

Manual Integrations

APPROVED

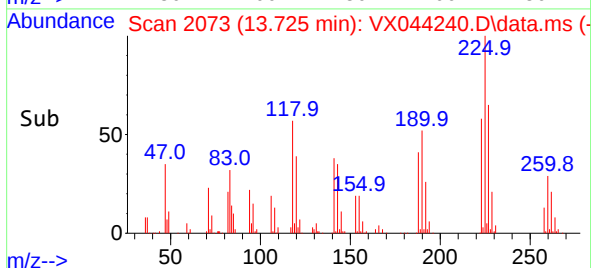
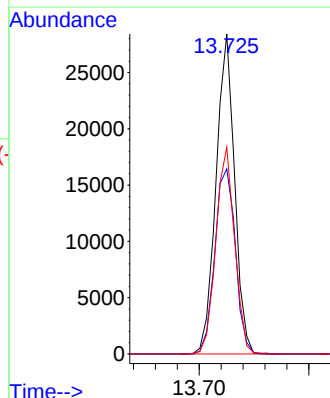
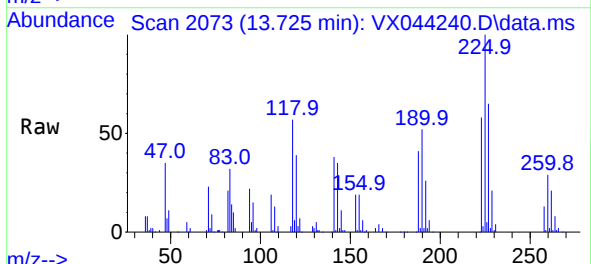
Reviewed By :John Carlone 12/13/2024

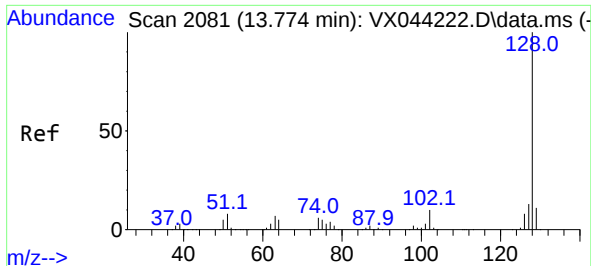
Supervised By :Mahesh Dadoda 12/13/2024



#94
Hexachlorobutadiene
Concen: 49.559 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

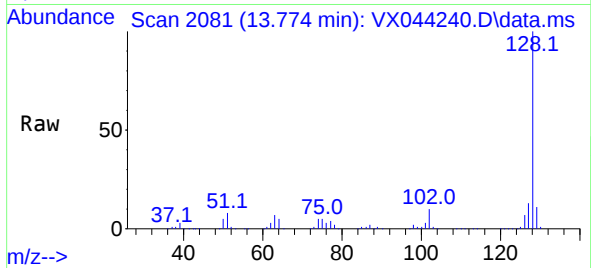
Tgt Ion:225 Resp: 33400
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.4
227 65.1 32.1 96.3





#95
Naphthalene
Concen: 51.620 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20

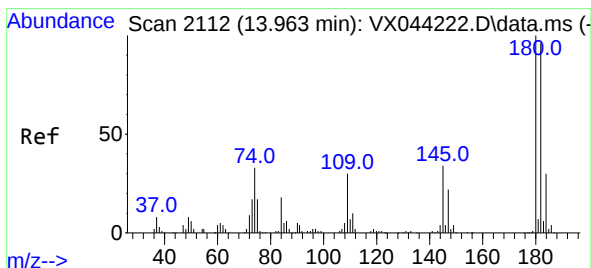
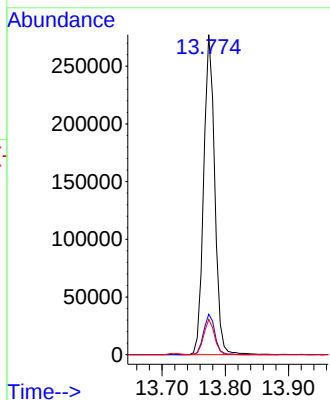
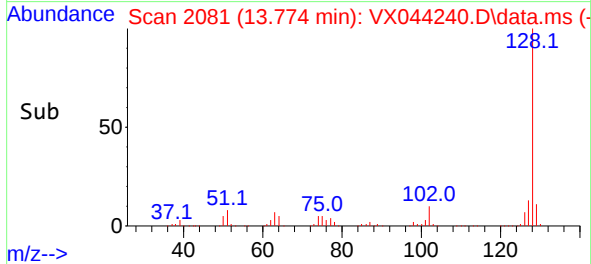
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



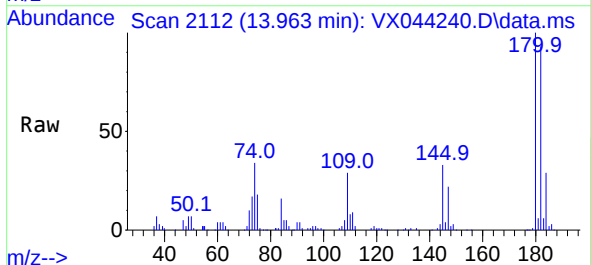
Tgt Ion:128 Resp: 337600
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.088 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044240.D
Acq: 12 Dec 2024 10:20



Tgt Ion:180 Resp: 90789
Ion Ratio Lower Upper
180 100
182 92.2 48.0 144.0
145 34.4 17.7 53.1

