

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043950.D
 Acq On : 22 Nov 2024 11:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 22 22:17:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	119844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	210147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88069	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	100999	49.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	5.379	113	75489	50.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	8.641	98	262790	50.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	91050	51.686	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.380%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	83769	55.175	ug/l	99
3) Chloromethane	1.295	50	87811	54.963	ug/l	99
4) Vinyl Chloride	1.374	62	88877	52.301	ug/l	99
5) Bromomethane	1.593	94	54869	52.486	ug/l	98
6) Chloroethane	1.666	64	50225	48.505	ug/l	98
7) Trichlorofluoromethane	1.868	101	177113	58.296	ug/l	97
8) Diethyl Ether	2.130	74	56649	51.158	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	78101	53.892	ug/l	99
10) Methyl Iodide	2.441	142	94503	52.213	ug/l	98
11) Tert butyl alcohol	3.002	59	78161	236.901	ug/l	98
12) 1,1-Dichloroethene	2.307	96	70195	50.831	ug/l	93
13) Acrolein	2.233	56	87414	251.363	ug/l	96
14) Allyl chloride	2.654	41	121345	53.777	ug/l	98
15) Acrylonitrile	3.063	53	213507	265.550	ug/l	99
16) Acetone	2.386	43	236749	250.770	ug/l	97
17) Carbon Disulfide	2.502	76	135635	47.616	ug/l	98
18) Methyl Acetate	2.703	43	113509	51.629	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	267063	53.261	ug/l	100
20) Methylene Chloride	2.782	84	81941	51.146	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	74796	52.461	ug/l	98
22) Diisopropyl ether	3.758	45	257734	53.416	ug/l	95
23) Vinyl Acetate	3.715	43	1126489	272.921	ug/l	99
24) 1,1-Dichloroethane	3.599	63	150069	53.913	ug/l	99
25) 2-Butanone	4.556	43	316605	259.902	ug/l	97
26) 2,2-Dichloropropane	4.465	77	130610	51.956	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	91683	52.023	ug/l	98
28) Bromochloromethane	4.891	49	59099	48.235	ug/l	99
29) Tetrahydrofuran	5.001	42	192093	257.216	ug/l	99
30) Chloroform	5.080	83	158800	53.043	ug/l	96
31) Cyclohexane	5.458	56	122162	53.324	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	140772	54.526	ug/l	100
36) 1,1-Dichloropropene	5.684	75	103967	55.562	ug/l	98
37) Ethyl Acetate	4.715	43	121804	52.440	ug/l	99
38) Carbon Tetrachloride	5.666	117	113421	53.945	ug/l	98
39) Methylcyclohexane	7.373	83	133332	54.849	ug/l	98
40) Benzene	6.032	78	314837	54.016	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	61474	51.710	ug/l	93
42) 1,2-Dichloroethane	6.074	62	127580	54.501	ug/l	100
43) Isopropyl Acetate	6.336	43	196481	53.153	ug/l	99
44) Trichloroethene	7.117	130	77355	46.882	ug/l	88
45) 1,2-Dichloropropane	7.421	63	78579	55.044	ug/l	98
46) Dibromomethane	7.574	93	60885	53.916	ug/l	100
47) Bromodichloromethane	7.818	83	110672	54.645	ug/l	99
48) Methyl methacrylate	7.690	41	93037	52.453	ug/l	99
49) 1,4-Dioxane	7.665	88	30231	956.809	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	607788	269.433	ug/l	99
52) Toluene	8.714	92	191750	54.965	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	113533	54.971	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	122380	54.052	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	75441	52.387	ug/l	97
56) Ethyl methacrylate	9.116	69	121914	54.352	ug/l	99
57) 1,3-Dichloropropane	9.305	76	132364	54.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	301050	244.819	ug/l	99
59) 2-Hexanone	9.427	43	456702	269.358	ug/l	100
60) Dibromochloromethane	9.519	129	77811	53.853	ug/l	97
61) 1,2-Dibromoethane	9.604	107	78690	54.040	ug/l	100
64) Tetrachloroethene	9.269	164	64266	54.365	ug/l	98
65) Chlorobenzene	10.073	112	207265	52.640	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	70047	54.854	ug/l	99
67) Ethyl Benzene	10.189	91	369374	55.362	ug/l	98
68) m/p-Xylenes	10.299	106	275579	110.758	ug/l	99
69) o-Xylene	10.640	106	134066	55.187	ug/l	98
70) Styrene	10.653	104	225568	56.140	ug/l	99
71) Bromoform	10.799	173	47233	48.773	ug/l #	98
73) Isopropylbenzene	10.957	105	352296	52.039	ug/l	99
74) N-amyl acetate	10.842	43	162994	51.973	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	119153	51.403	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100223m	51.893	ug/l	
77) Bromobenzene	11.195	156	82907	51.338	ug/l	99
78) n-propylbenzene	11.305	91	406514	53.765	ug/l	99
79) 2-Chlorotoluene	11.360	91	246574	51.573	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	295006	52.968	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34321	48.492	ug/l	95
82) 4-Chlorotoluene	11.451	91	281758	52.200	ug/l	100
83) tert-Butylbenzene	11.713	119	291225	52.754	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	299186	53.956	ug/l	98
85) sec-Butylbenzene	11.890	105	360460	53.293	ug/l	99
86) p-Isopropyltoluene	12.006	119	304159	55.361	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	153209	52.089	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	154469	51.511	ug/l	98
89) n-Butylbenzene	12.329	91	268422	55.414	ug/l	100
90) Hexachloroethane	12.536	117	47025	50.336	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	155184	52.281	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24188	52.076	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	94940	54.252	ug/l	97
94) Hexachlorobutadiene	13.725	225	35816	51.785	ug/l	96
95) Naphthalene	13.774	128	347826	55.215	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	97491	55.041	ug/l	97

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

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

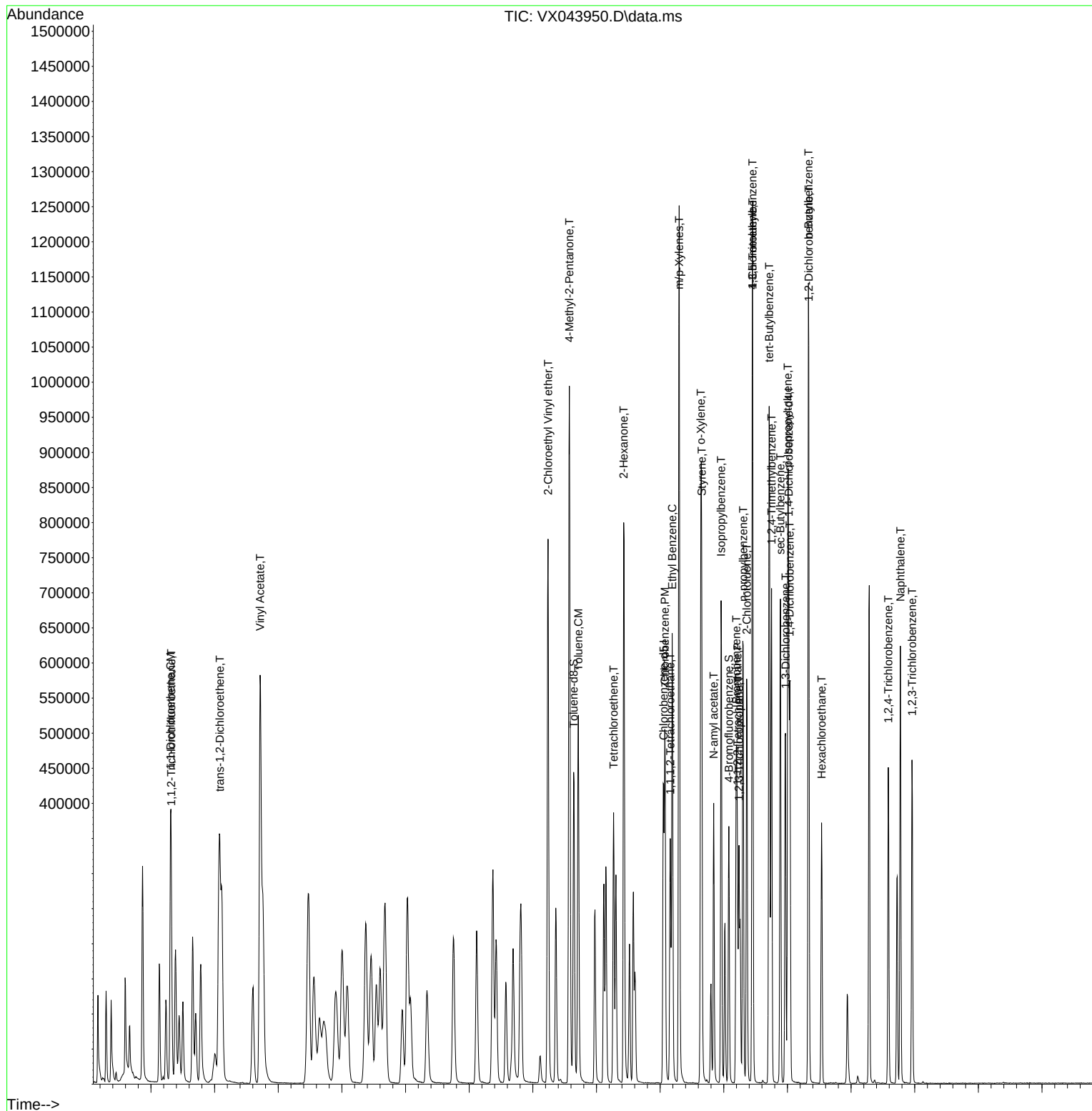
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
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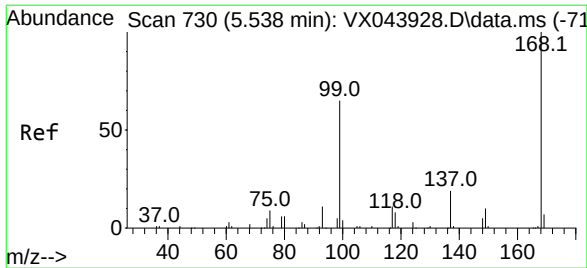
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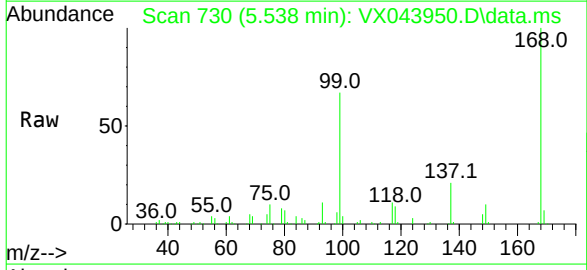
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
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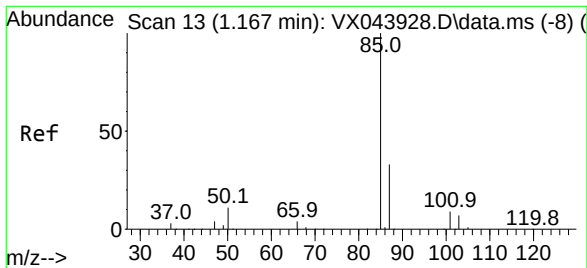
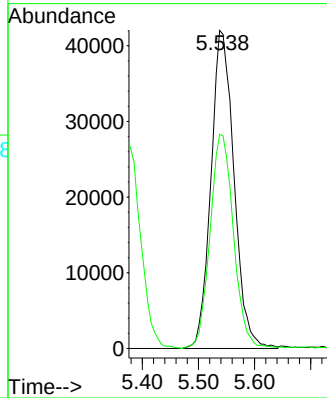
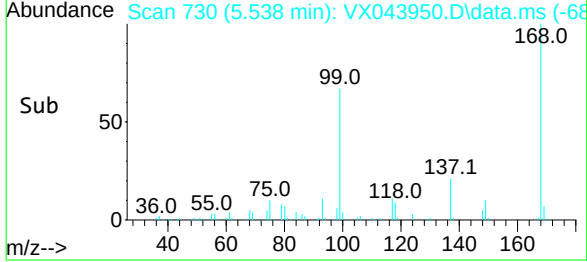
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 119844
Ion Ratio Lower Upper
168 100
99 67.1 51.8 77.8

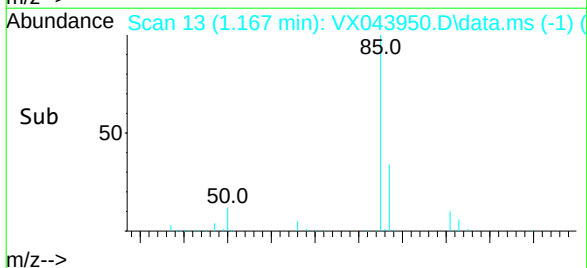
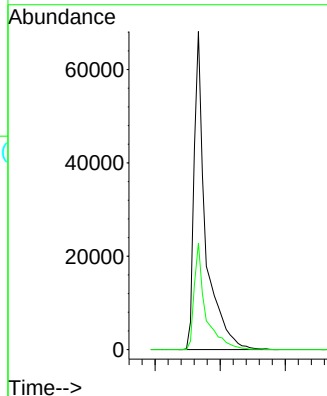
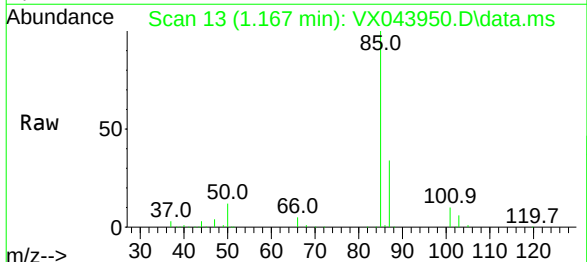
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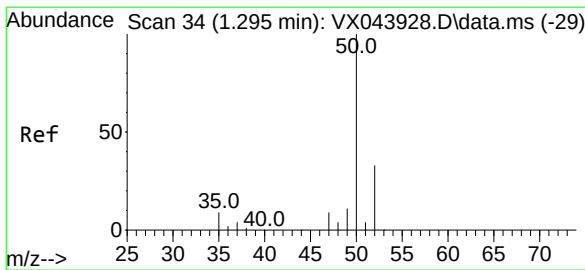
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#2
Dichlorodifluoromethane
Concen: 55.175 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 85 Resp: 83769
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.8





#3

Chloromethane

Concen: 54.963 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 87811

Ion Ratio Lower Upper

50 100

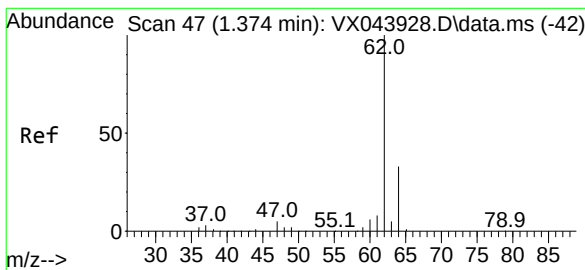
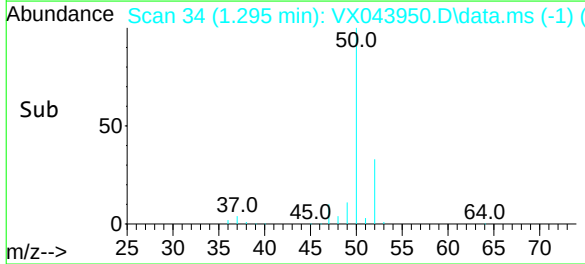
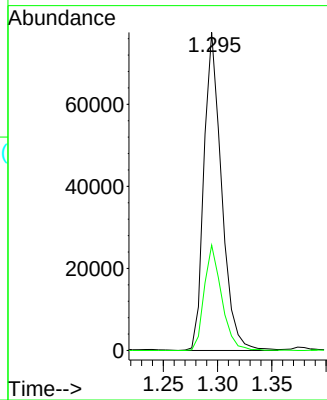
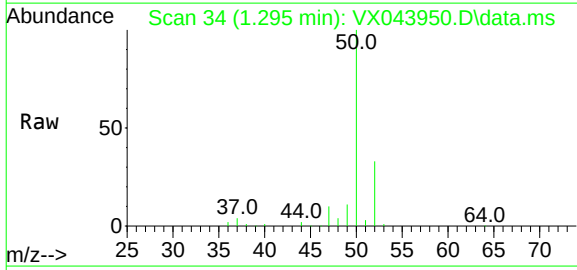
52 33.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.301 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043950.D

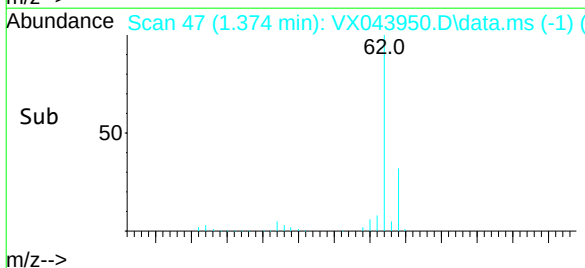
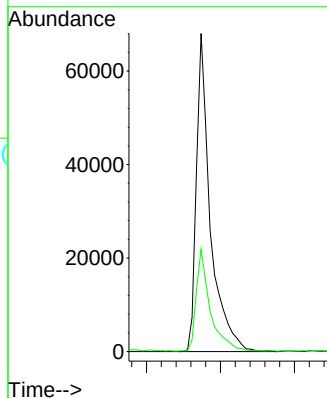
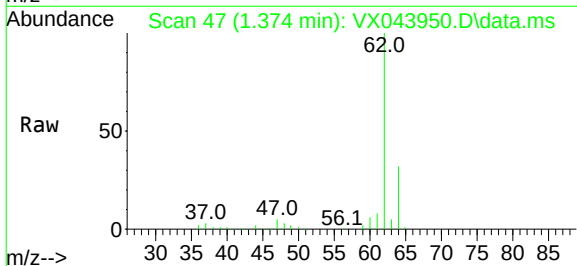
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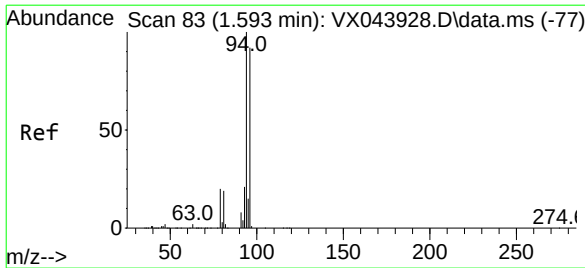
Tgt Ion: 62 Resp: 88877

Ion Ratio Lower Upper

62 100

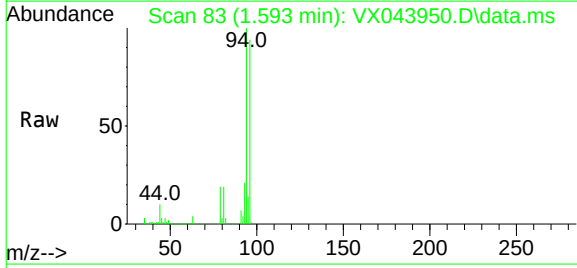
64 32.1 26.2 39.4





#5
Bromomethane
Concen: 52.486 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

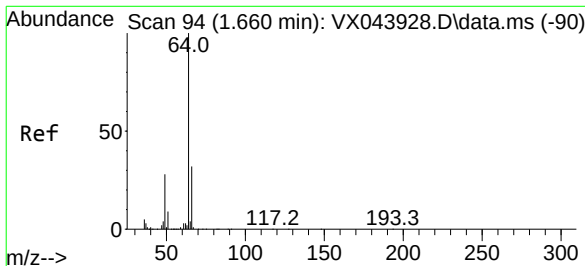
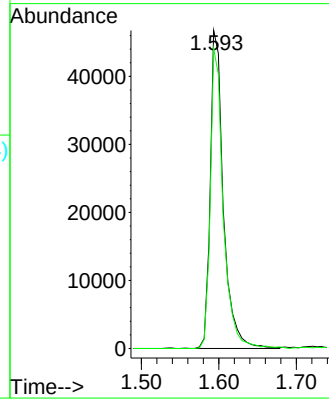
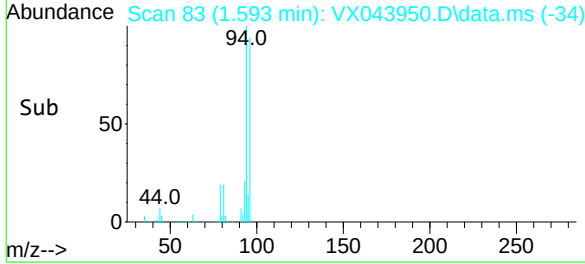
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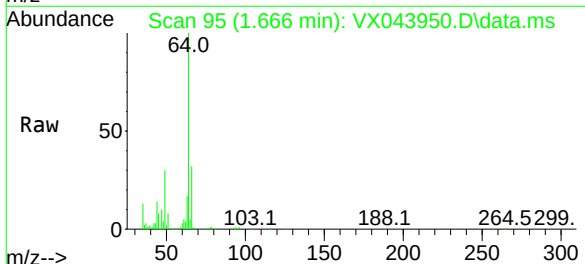
Tgt Ion: 94 Resp: 54869
Ion Ratio Lower Upper
94 100
96 94.3 73.9 110.9

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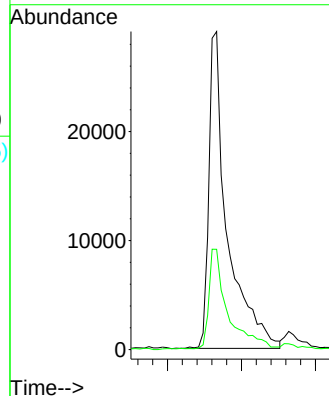
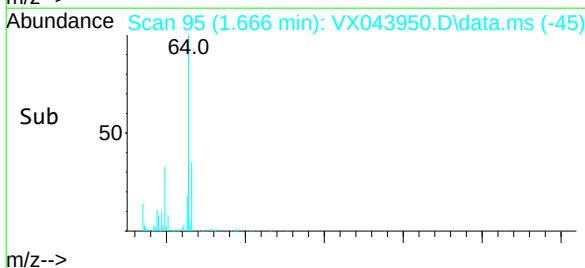
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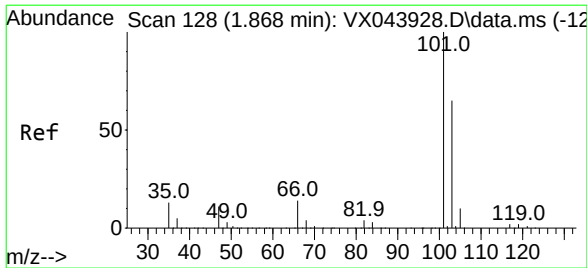


#6
Chloroethane
Concen: 48.505 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22



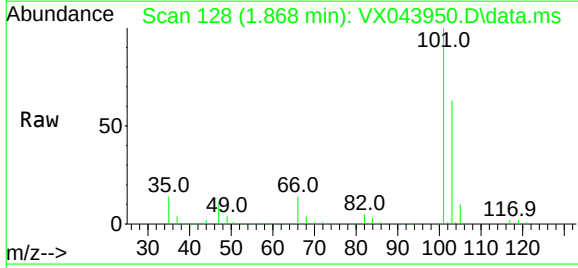
Tgt Ion: 64 Resp: 50225
Ion Ratio Lower Upper
64 100
66 31.3 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 58.296 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

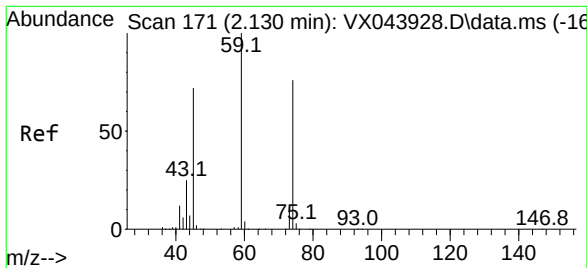
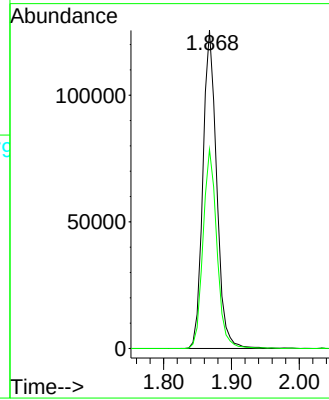
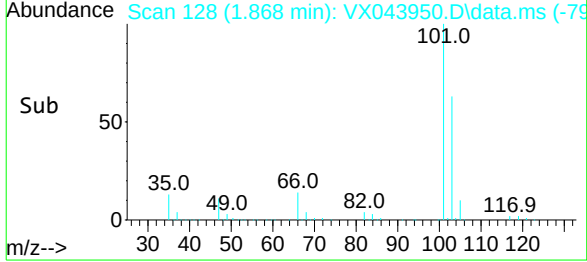
Instrument :
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Tgt Ion:101 Resp: 177113
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.2 78.2

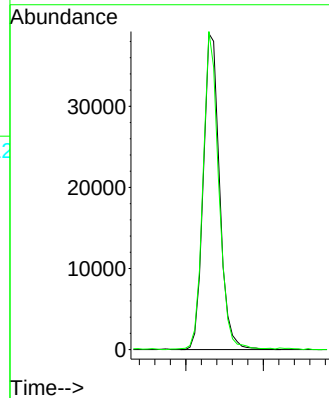
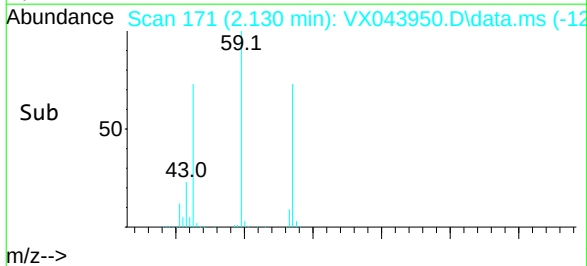
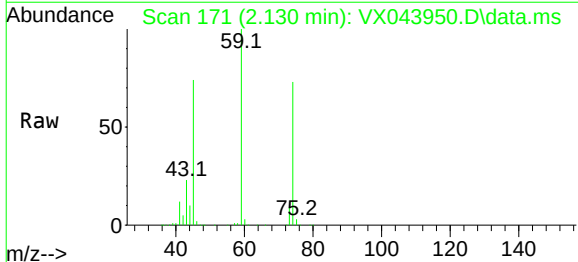
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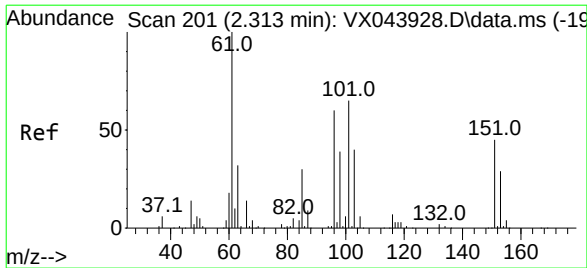
Reviewed By :John Carlone 11/25/2024
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#8
 Diethyl Ether
 Concen: 51.158 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Tgt Ion: 74 Resp: 56649
 Ion Ratio Lower Upper
 74 100
 45 97.7 47.9 143.6





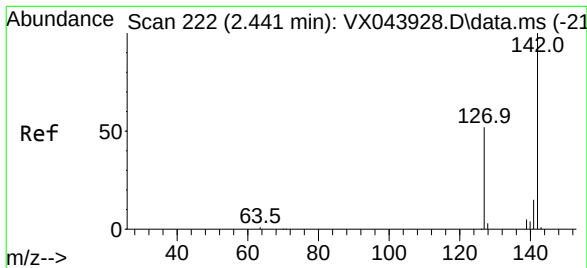
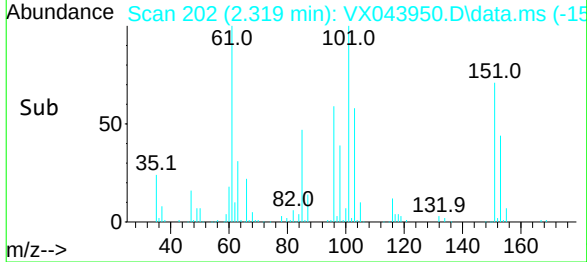
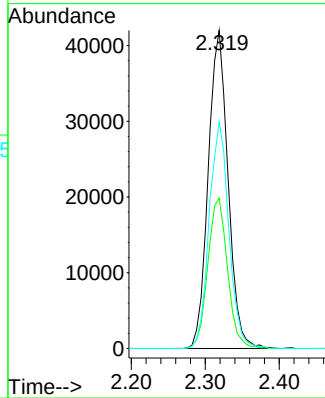
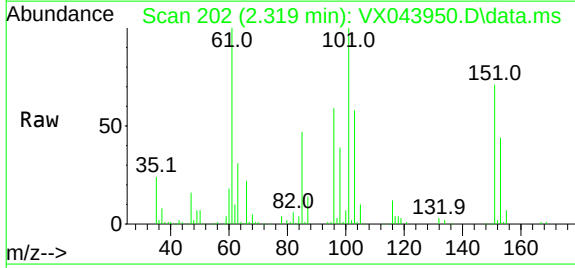
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.892 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 78101
Ion Ratio Lower Upper
101 100
85 47.1 37.9 56.9
151 70.9 57.5 86.3

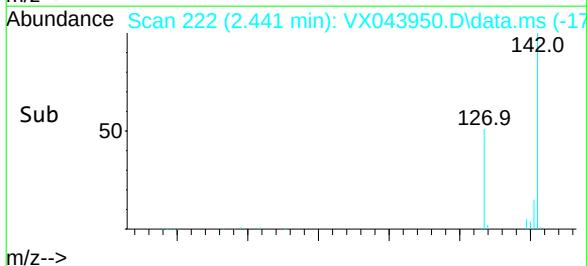
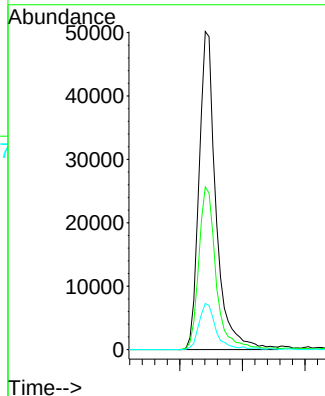
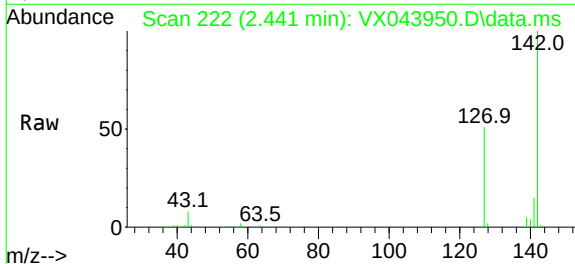
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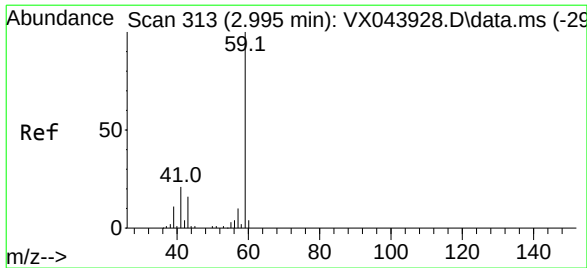
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#10
Methyl Iodide
Concen: 52.213 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion:142 Resp: 94503
Ion Ratio Lower Upper
142 100
127 52.2 40.7 61.1
141 14.7 12.0 18.0





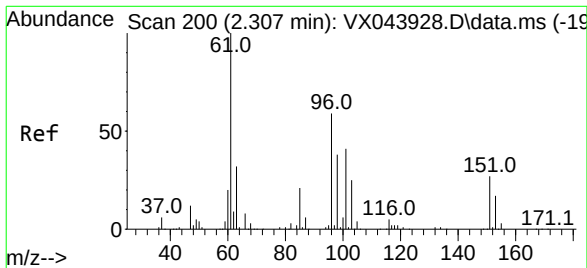
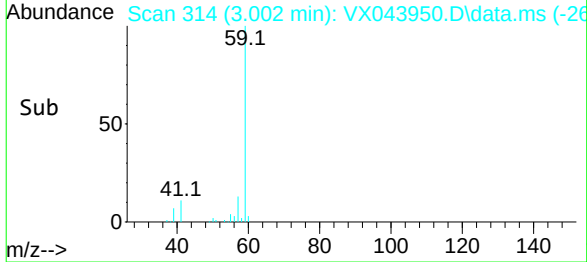
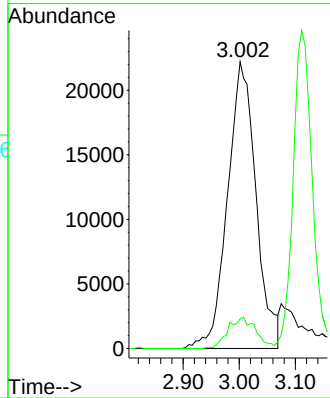
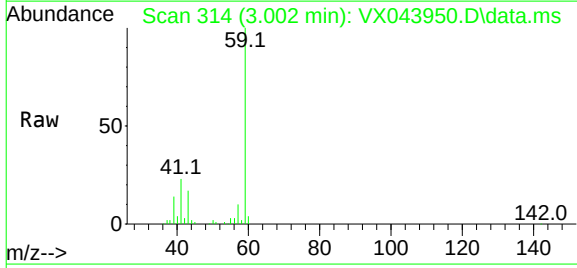
#11
Tert butyl alcohol
Concen: 236.901 ug/l
RT: 3.002 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 78161
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

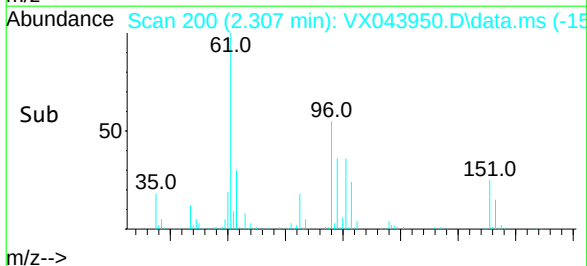
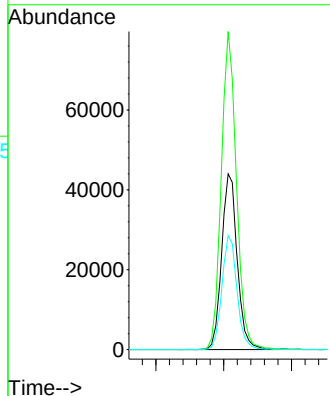
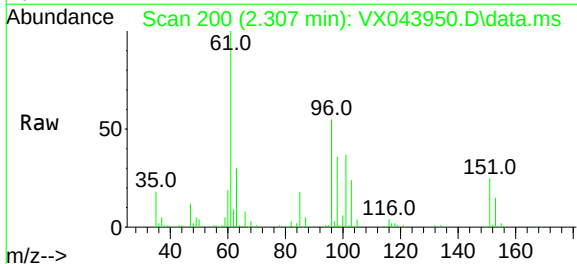
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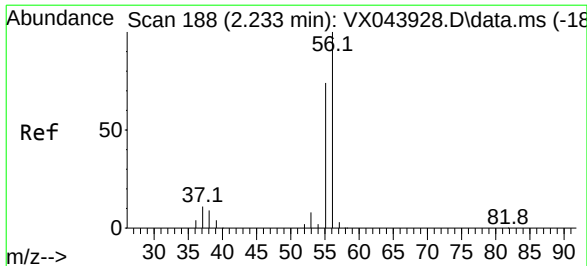
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 96 Resp: 70195
Ion Ratio Lower Upper
96 100
61 181.0 135.5 203.3
98 64.9 50.8 76.2





#13

Acrolein

Concen: 251.363 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 87414

Ion Ratio Lower Upper

56 100

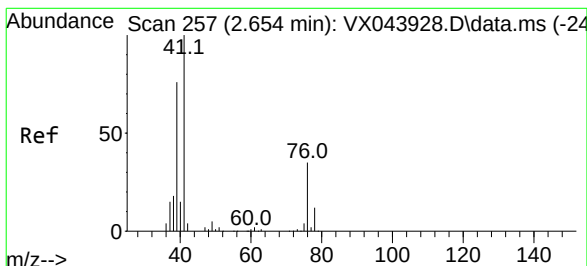
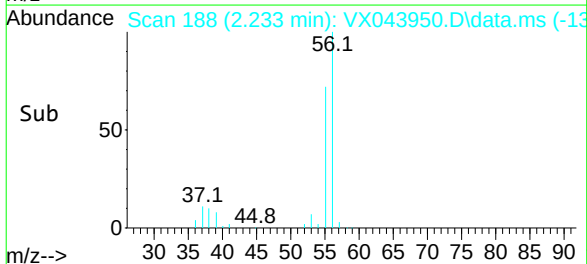
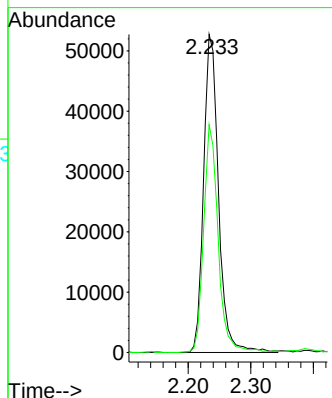
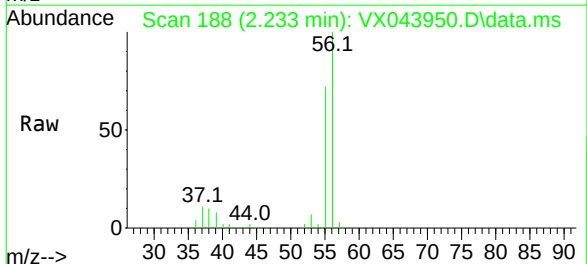
55 69.6 58.2 87.2

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 53.777 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

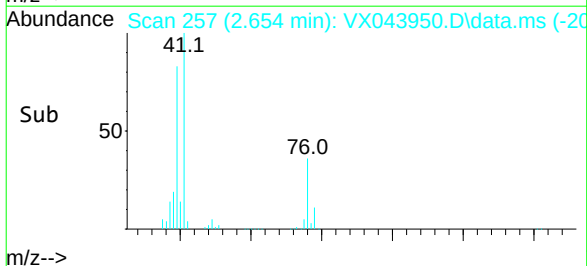
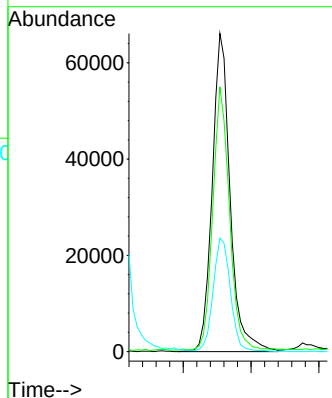
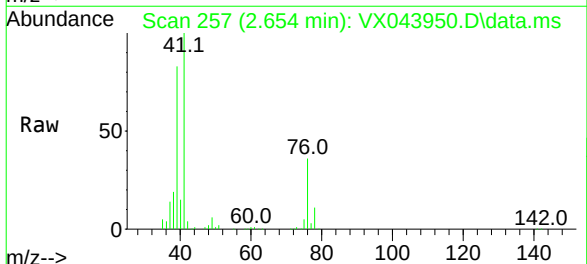
Tgt Ion: 41 Resp: 121345

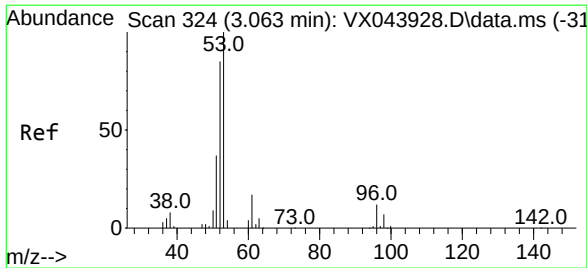
Ion Ratio Lower Upper

41 100

39 76.8 59.5 89.3

76 34.5 27.4 41.2





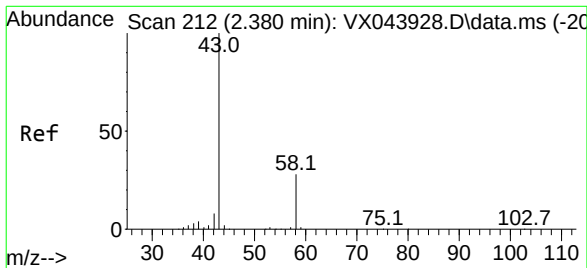
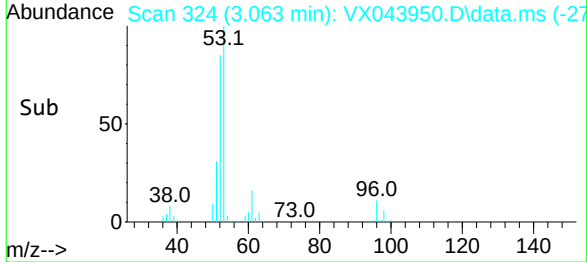
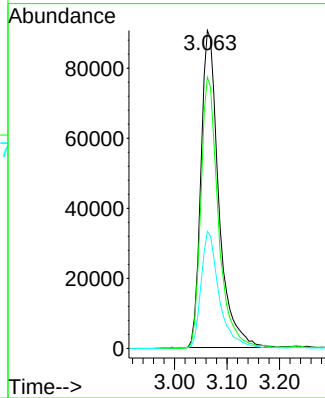
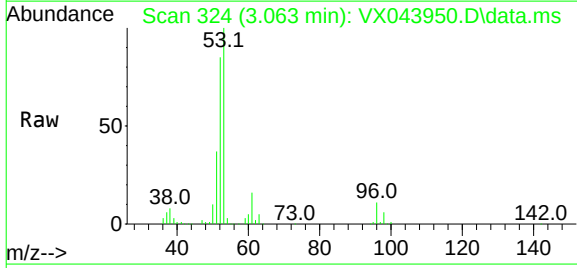
#15
Acrylonitrile
Concen: 265.550 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.5	99.7
51	37.3	30.2	45.4

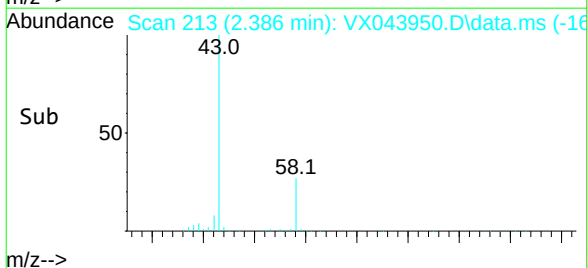
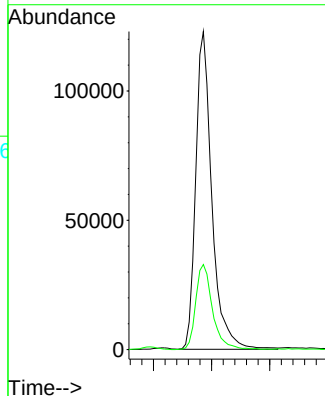
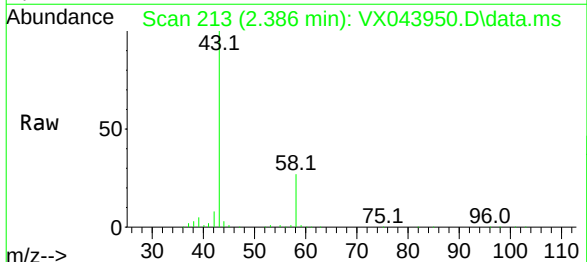
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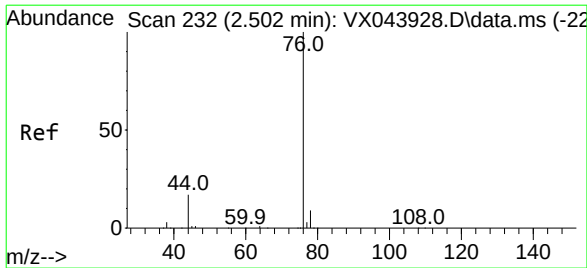
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 250.770 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.7	34.1





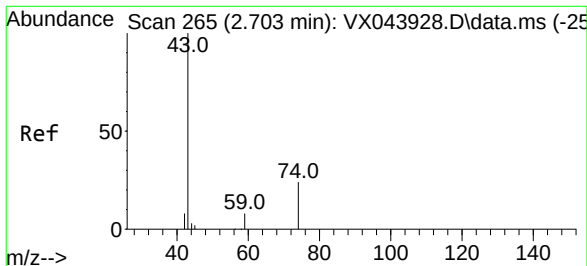
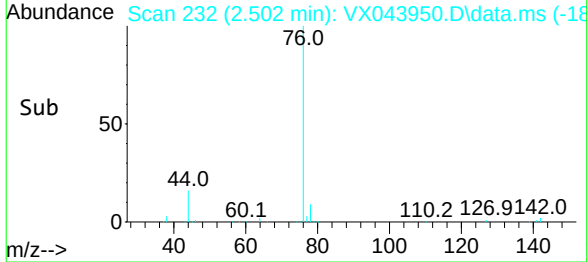
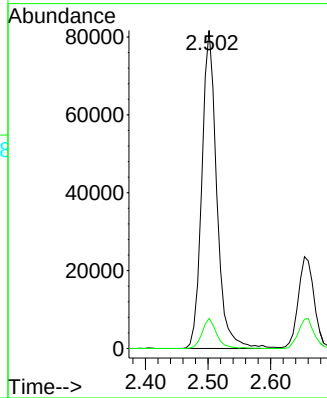
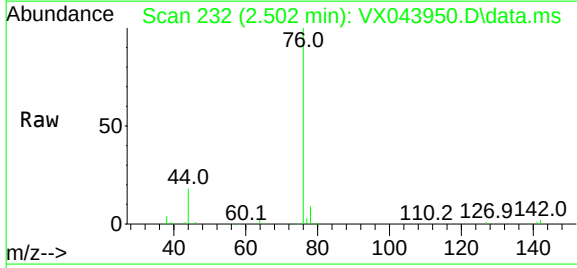
#17
Carbon Disulfide
Concen: 47.616 ug/l
RT: 2.502 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 135635
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

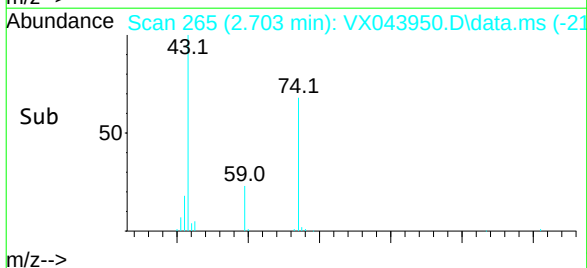
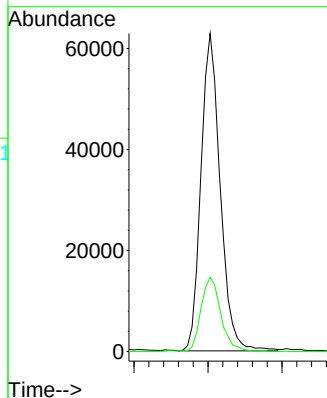
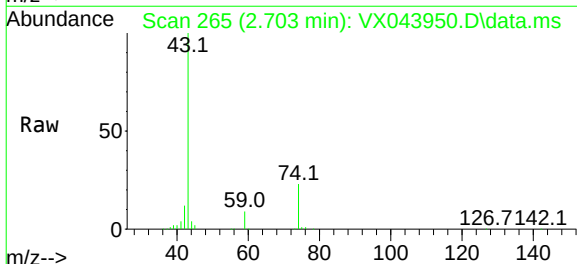
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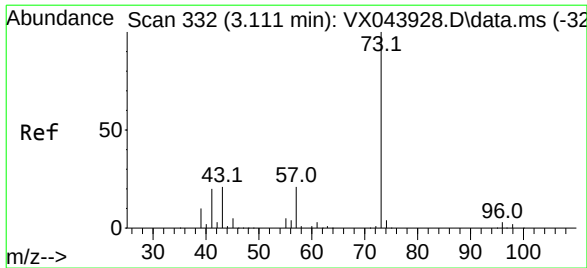
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 51.629 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 43 Resp: 113509
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3





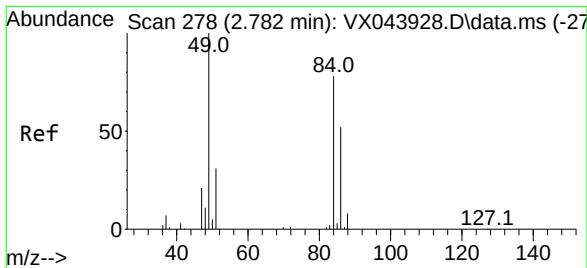
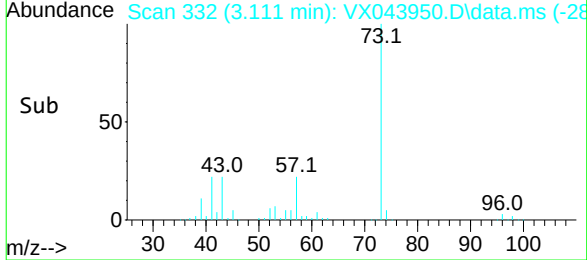
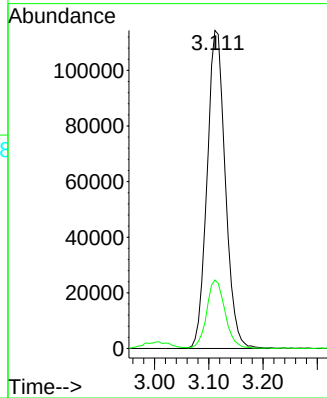
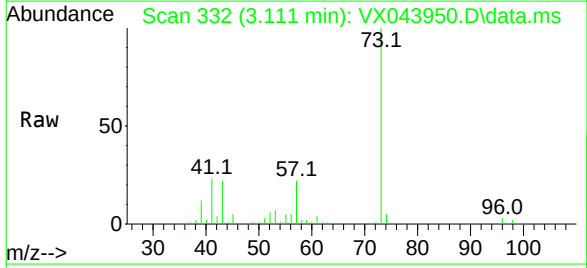
#19
Methyl tert-butyl Ether
Concen: 53.261 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 267063
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

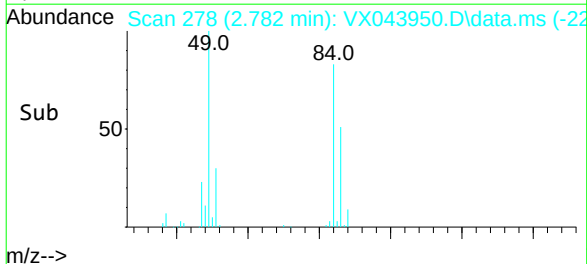
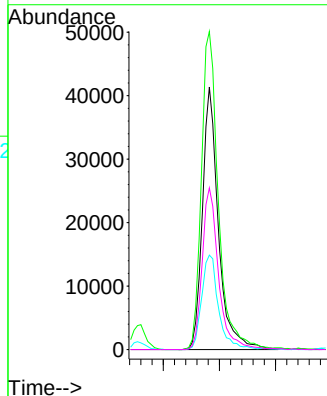
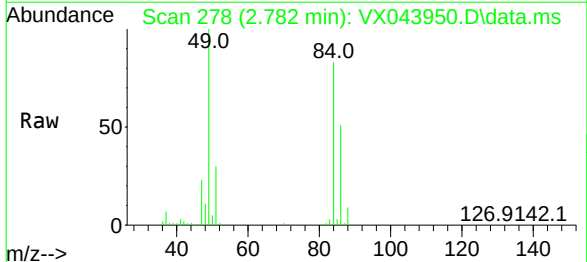
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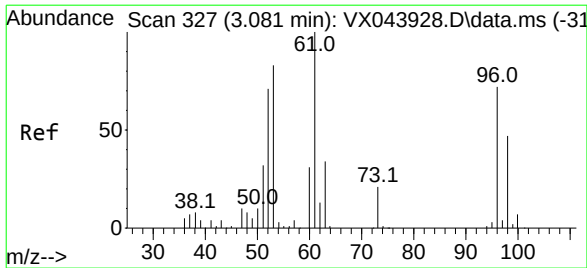
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 51.146 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

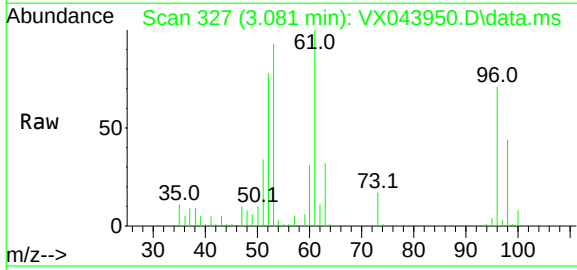
Tgt Ion: 84 Resp: 81941
Ion Ratio Lower Upper
84 100
49 121.1 102.7 154.1
51 36.0 31.7 47.5
86 61.6 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 52.461 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

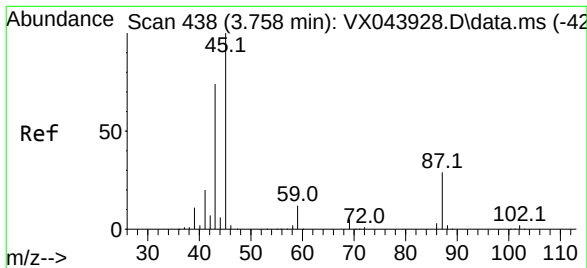
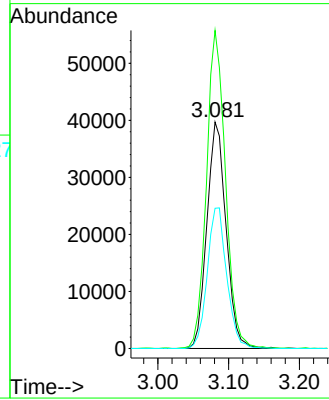
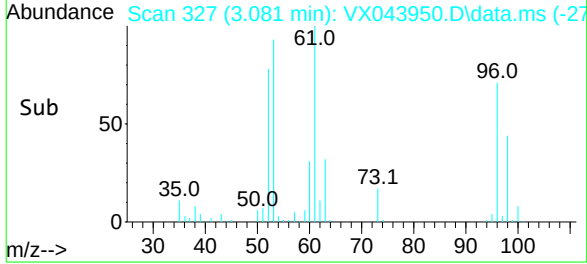
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



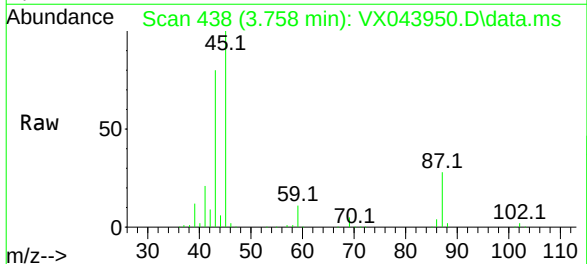
Tgt Ion: 96 Resp: 74796
Ion Ratio Lower Upper
96 100
61 140.3 111.8 167.6
98 61.9 52.7 79.1

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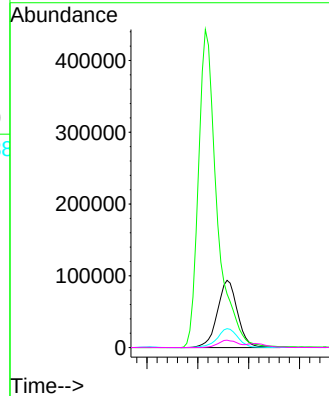
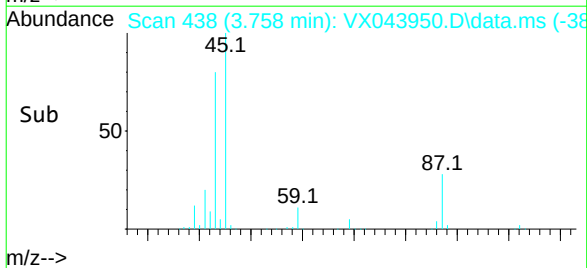
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

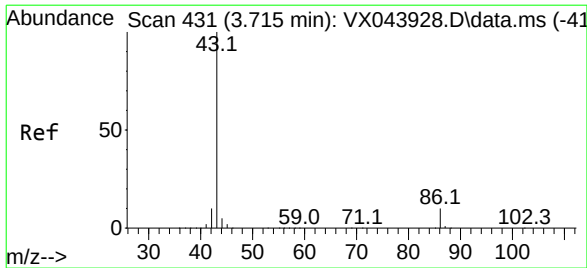


#22
Diisopropyl ether
Concen: 53.416 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22



Tgt Ion: 45 Resp: 257734
Ion Ratio Lower Upper
45 100
43 79.7 59.6 89.4
87 28.1 22.9 34.3
59 11.0 9.8 14.6





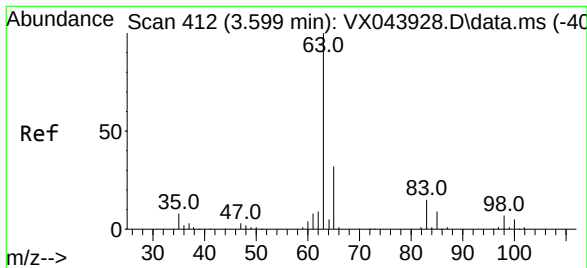
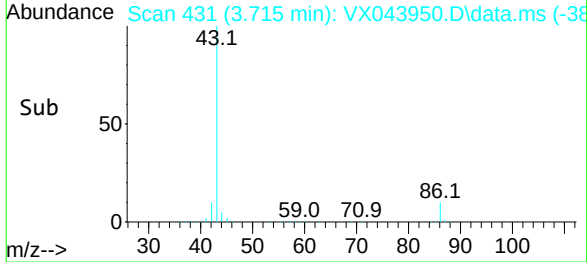
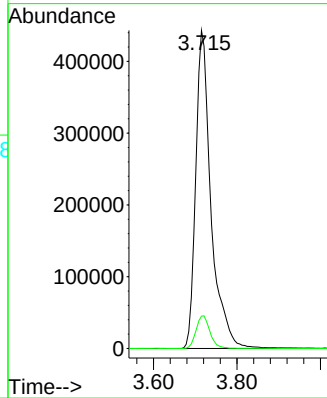
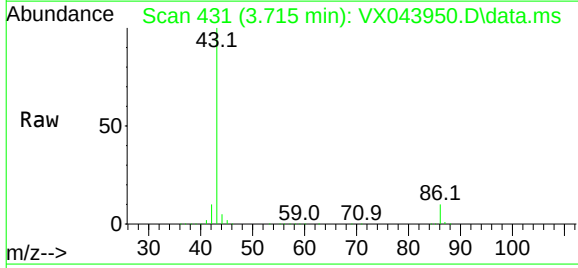
#23
 Vinyl Acetate
 Concen: 272.921 ug/l
 RT: 3.715 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1126489
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5

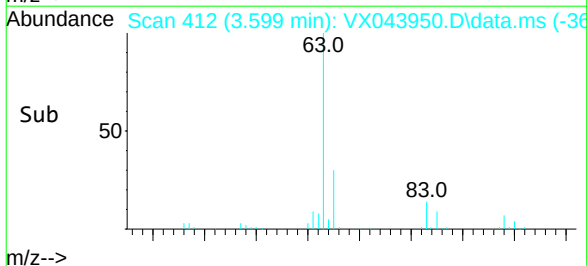
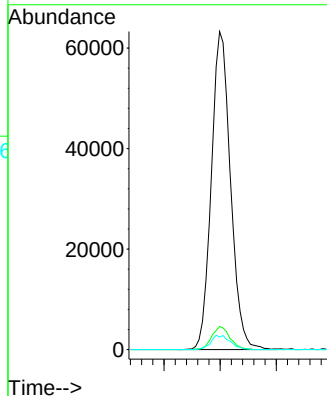
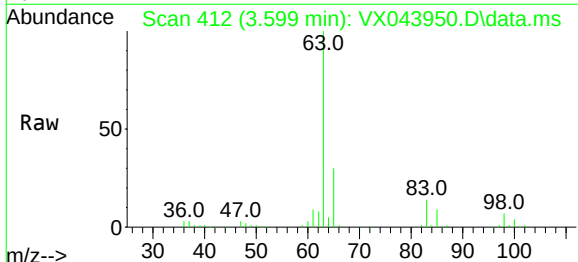
Manual Integrations
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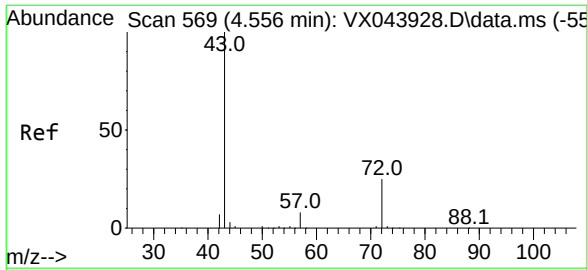
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#24
 1,1-Dichloroethane
 Concen: 53.913 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Tgt Ion: 63 Resp: 150069
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 259.902 ug/l

RT: 4.556 min Scan# 56

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 316605

Ion Ratio Lower Upper

43 100

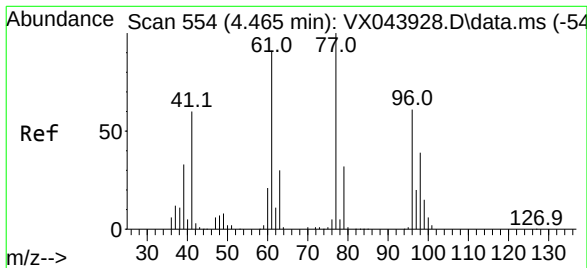
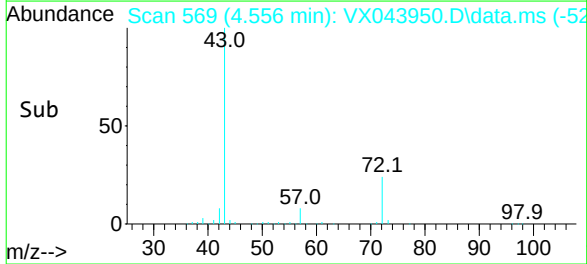
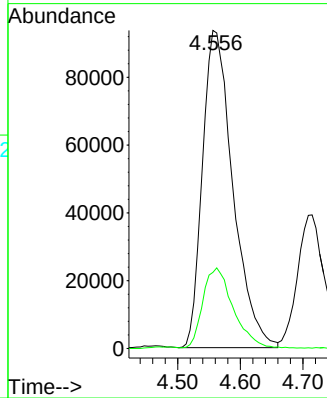
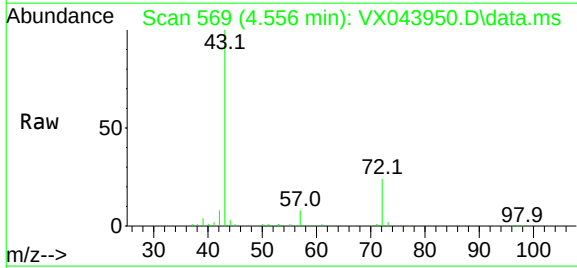
72 23.8 20.2 30.2

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#26

2,2-Dichloropropane

Concen: 51.956 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX043950.D

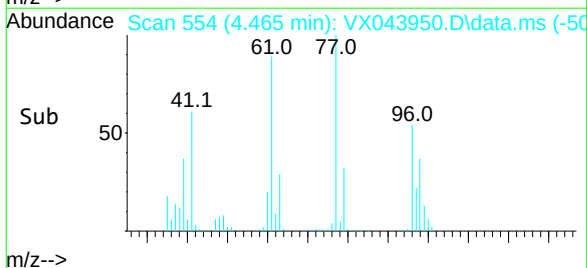
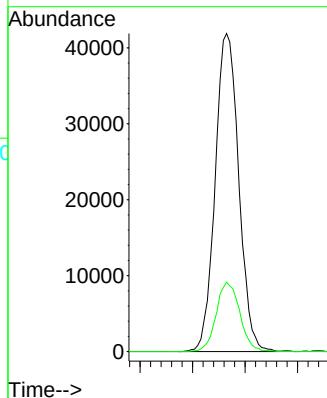
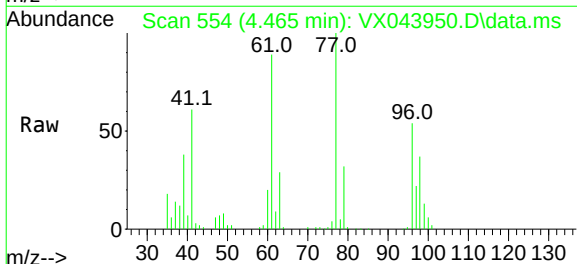
Acq: 22 Nov 2024 11:22

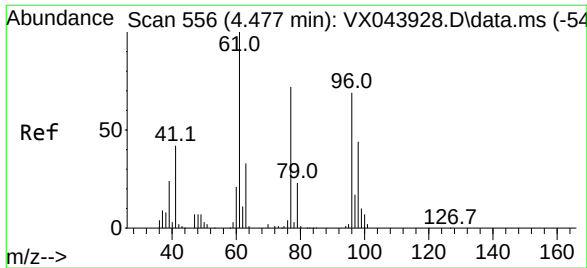
Tgt Ion: 77 Resp: 130610

Ion Ratio Lower Upper

77 100

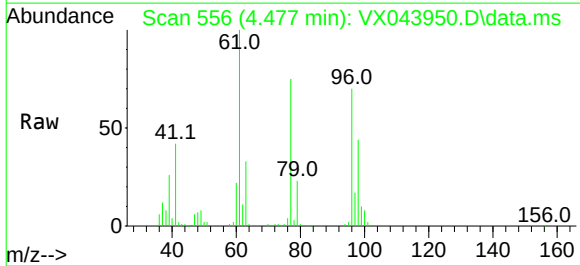
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.023 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

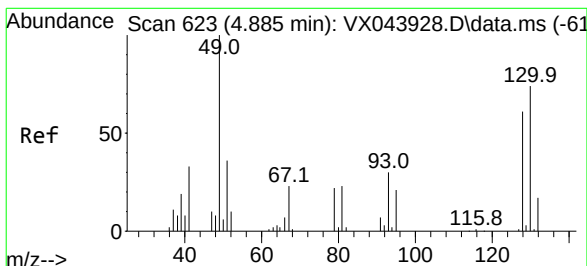
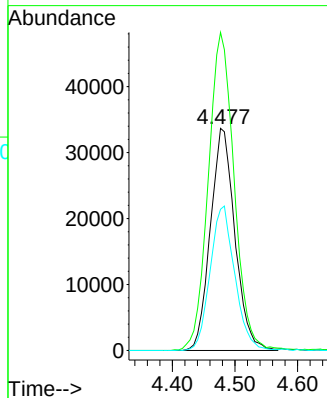
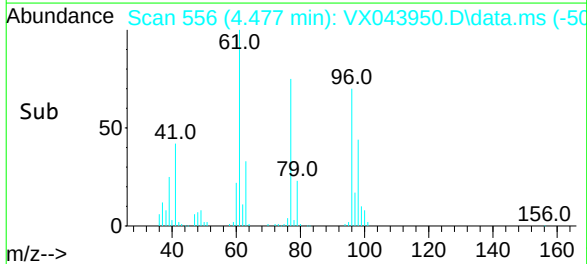
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 91683
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 297.4
 98 65.3 0.0 127.8

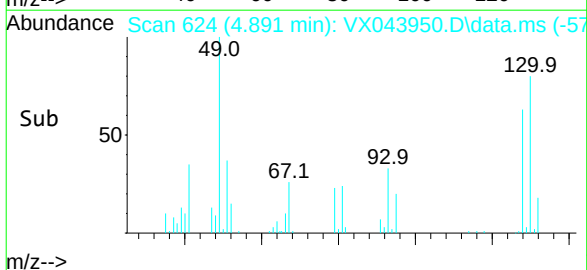
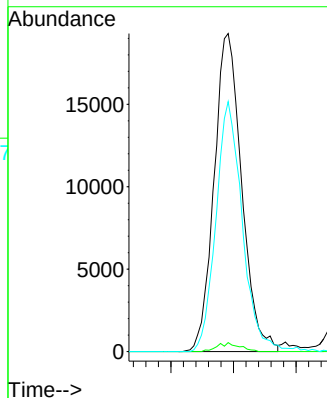
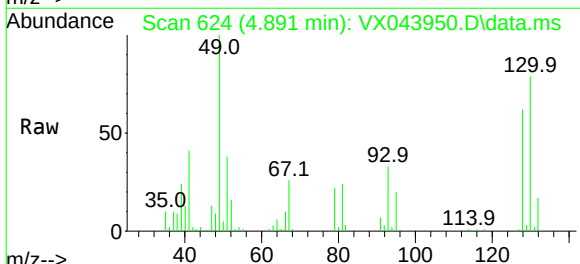
Manual Integrations
 APPROVED

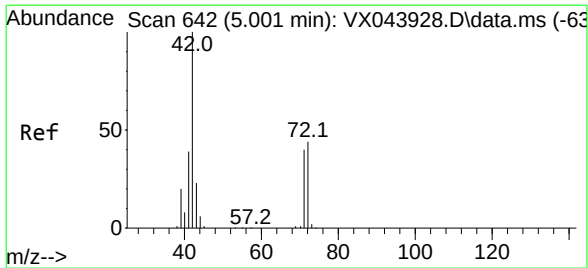
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#28
 Bromochloromethane
 Concen: 48.235 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Tgt Ion: 49 Resp: 59099
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 74.9 59.0 88.6





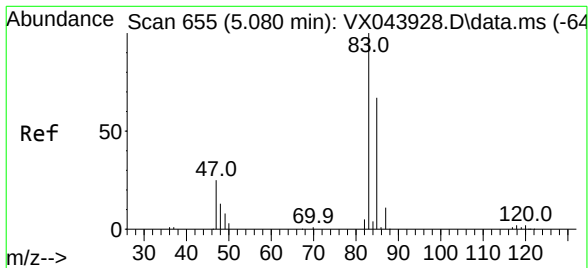
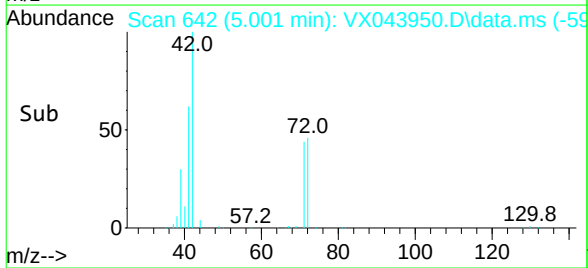
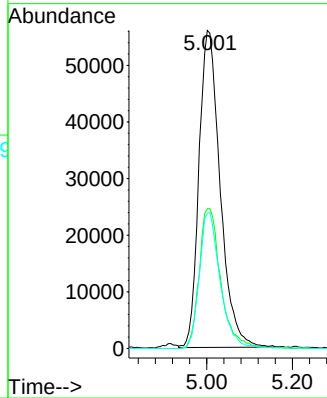
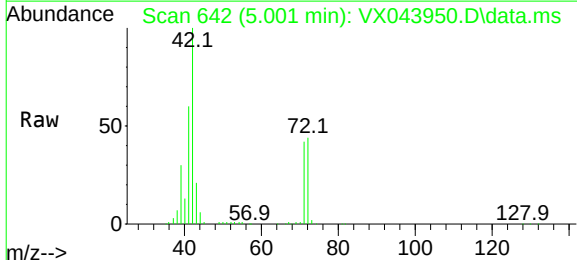
#29
Tetrahydrofuran
Concen: 257.216 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 192093
Ion Ratio Lower Upper
42 100
72 44.9 36.4 54.6
71 42.2 33.4 50.0

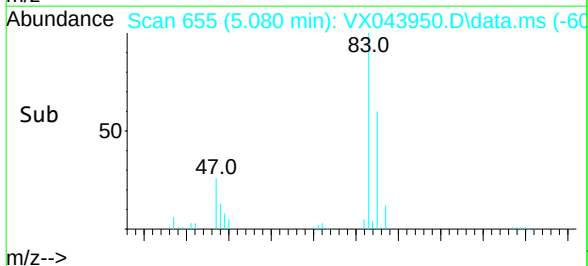
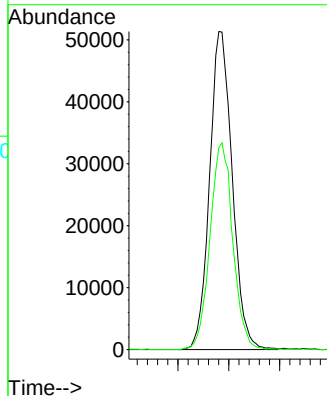
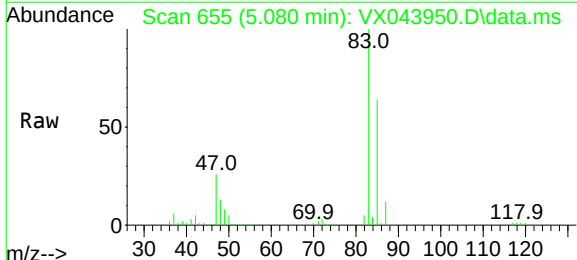
Manual Integrations
APPROVED

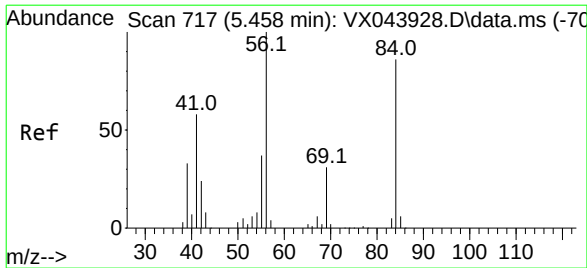
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 53.043 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

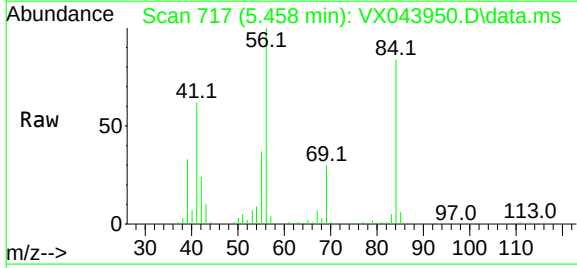
Tgt Ion: 83 Resp: 158800
Ion Ratio Lower Upper
83 100
85 63.5 53.5 80.3





#31
Cyclohexane
Concen: 53.324 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

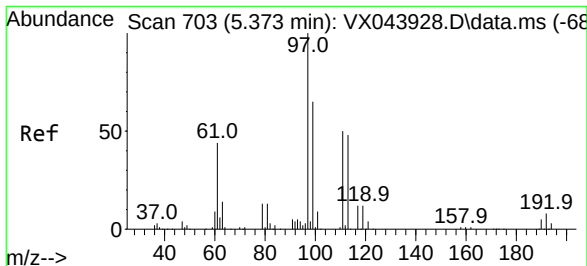
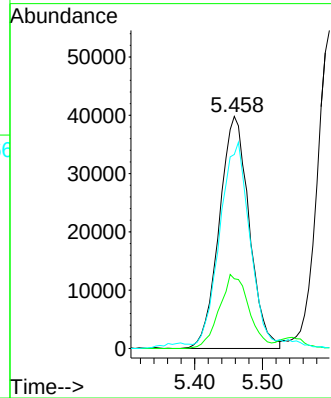
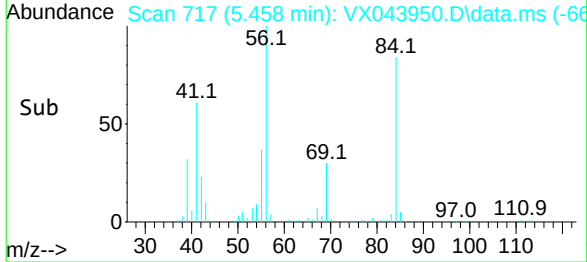
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



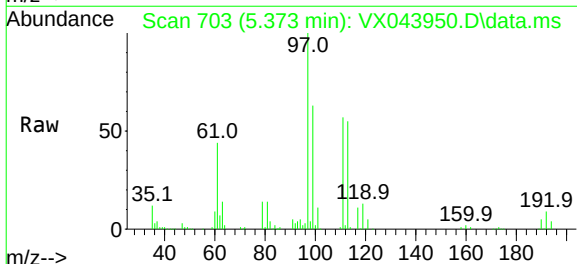
Tgt Ion: 56 Resp: 122162
Ion Ratio Lower Upper
56 100
69 30.0 24.7 37.1
84 81.2 68.7 103.1

Manual Integrations
APPROVED

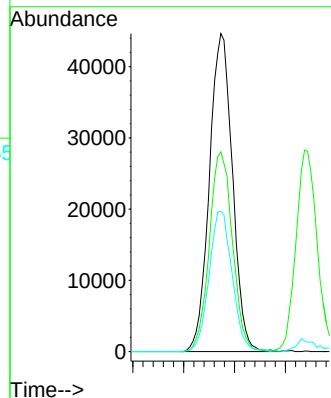
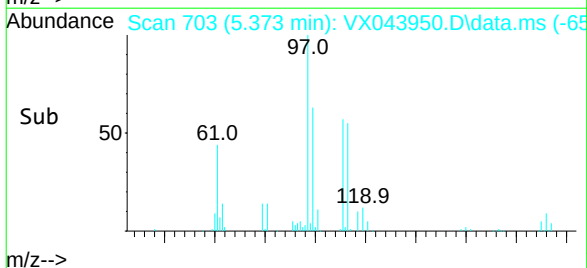
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

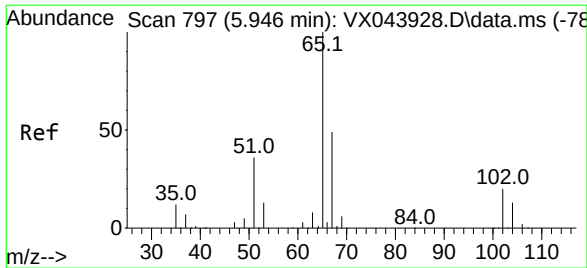


#32
1,1,1-Trichloroethane
Concen: 54.526 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22



Tgt Ion: 97 Resp: 140772
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 44.3 35.4 53.2





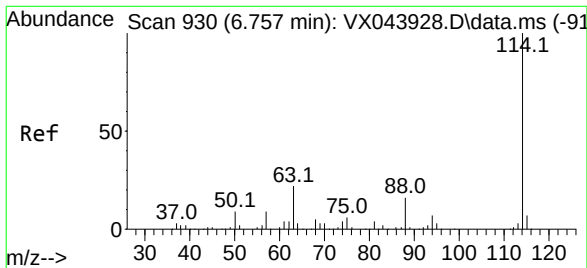
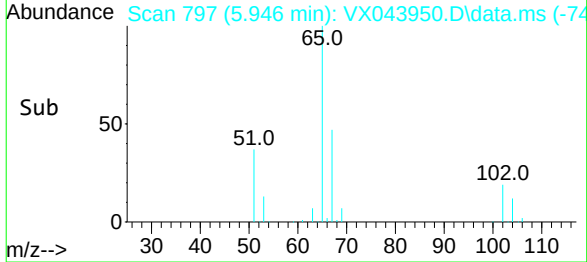
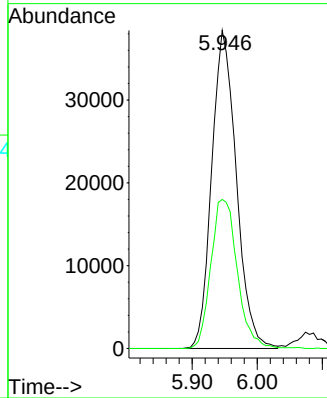
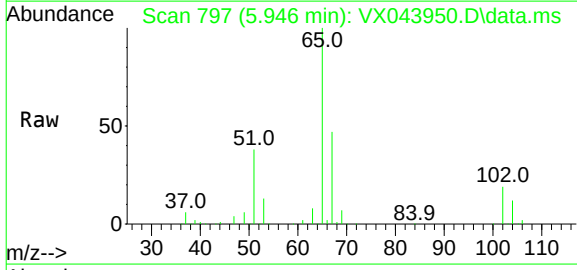
#33
1,2-Dichloroethane-d4
Concen: 49.135 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 100999
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8

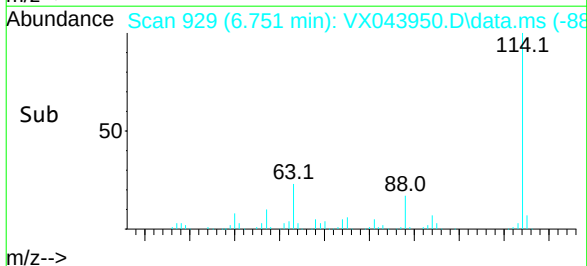
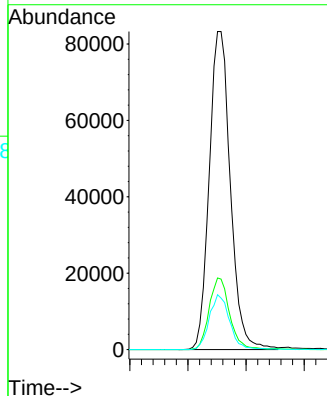
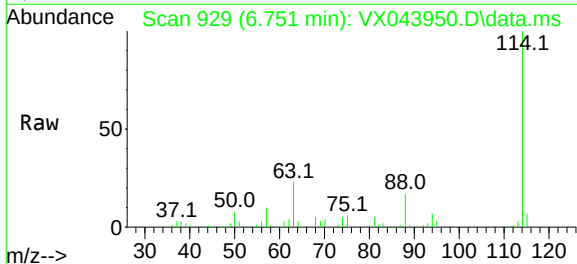
Manual Integrations
APPROVED

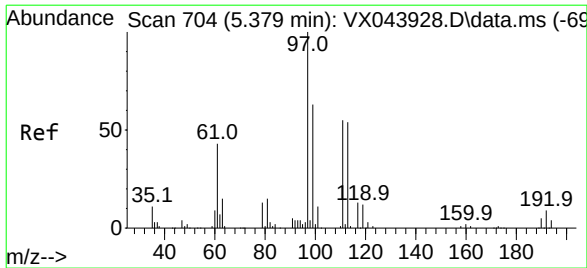
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

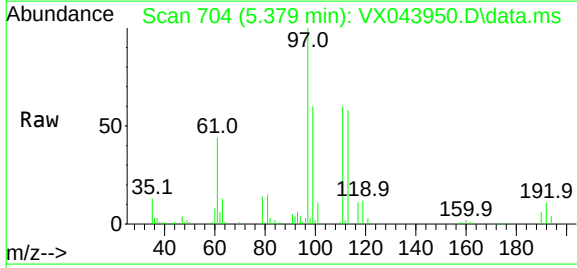
Tgt Ion:114 Resp: 210147
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 17.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.272 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

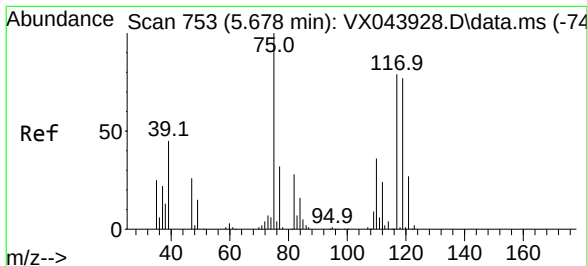
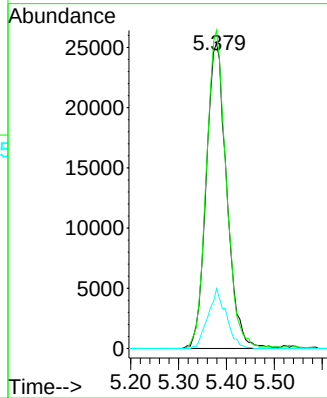
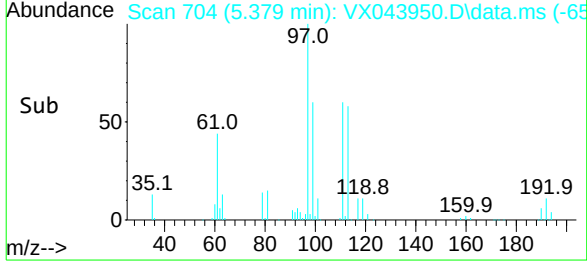
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



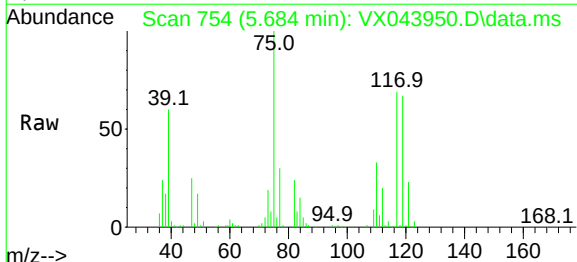
Tgt Ion: 113 Resp: 75489
Ion Ratio Lower Upper
113 100
111 101.0 81.0 121.4
192 17.5 13.0 19.6

Manual Integrations
APPROVED

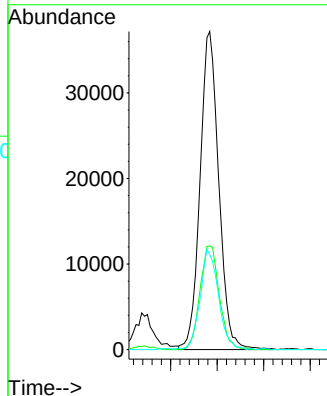
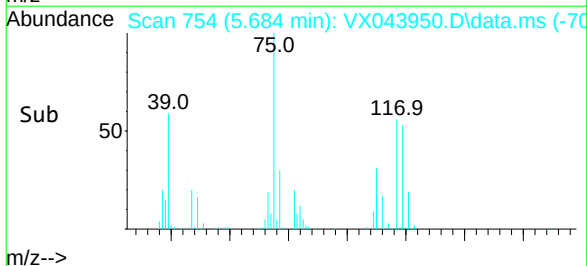
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024

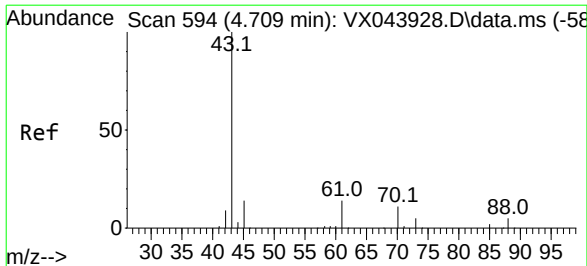


#36
1,1-Dichloropropene
Concen: 55.562 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22



Tgt Ion: 75 Resp: 103967
Ion Ratio Lower Upper
75 100
110 33.7 17.4 52.2
77 30.9 25.8 38.8





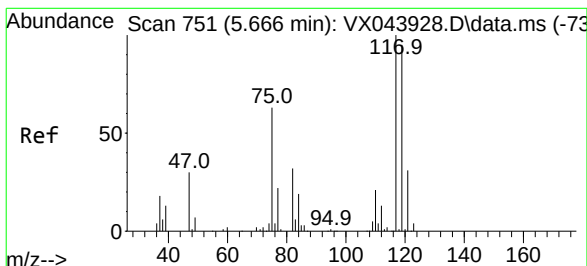
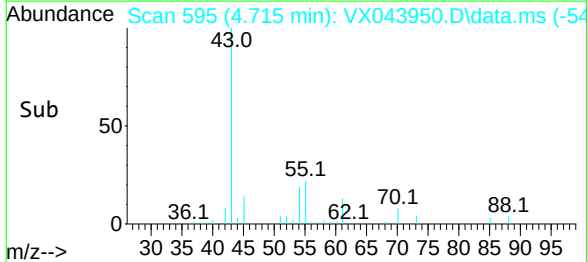
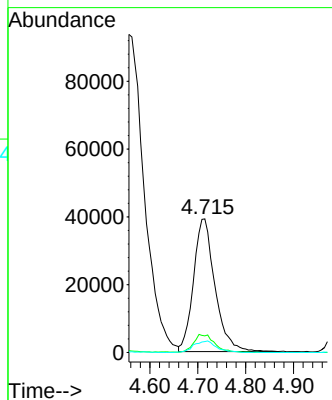
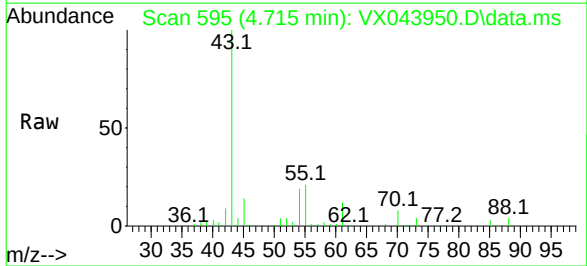
#37
Ethyl Acetate
Concen: 52.440 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	121804
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	9.2	8.0	12.0

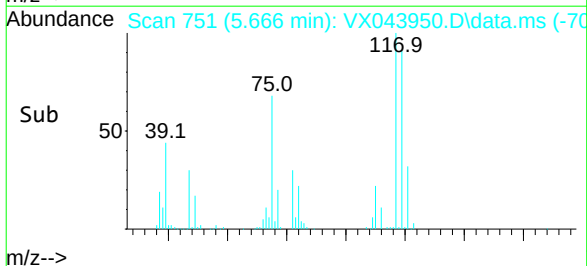
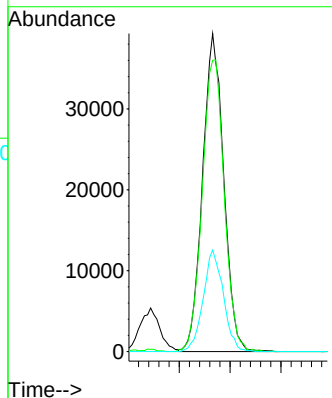
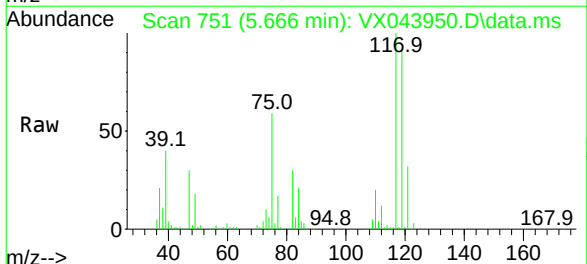
Manual Integrations
APPROVED

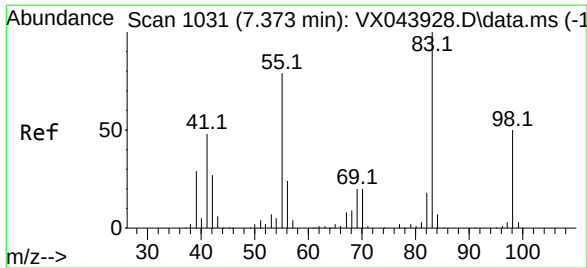
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 53.945 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion:	117	Resp:	113421
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.2	112.8
121	31.9	24.5	36.7





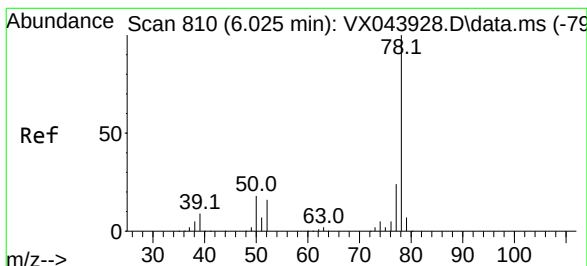
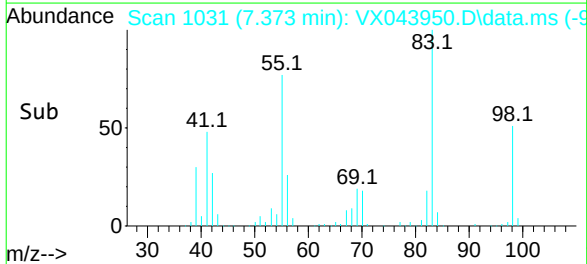
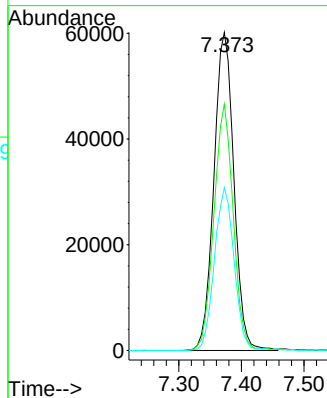
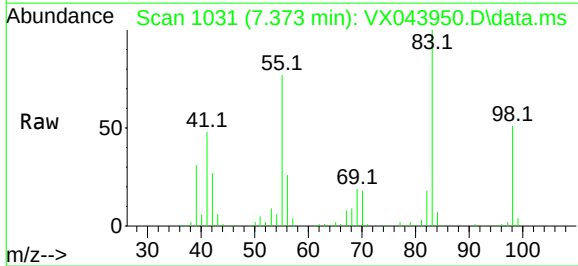
#39
Methylcyclohexane
Concen: 54.849 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 133332
Ion Ratio Lower Upper
83 100
55 77.4 63.1 94.7
98 51.2 40.0 60.0

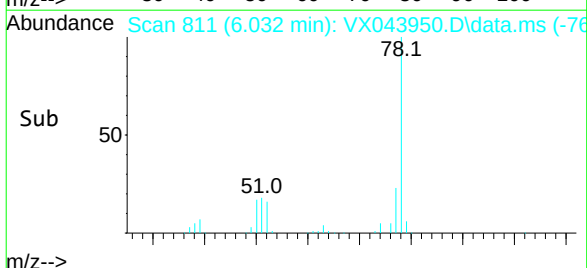
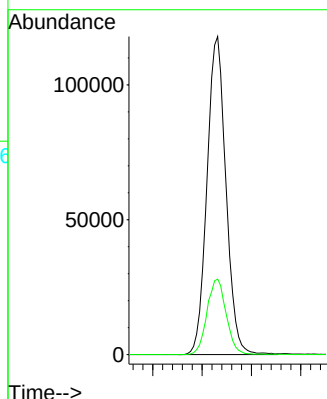
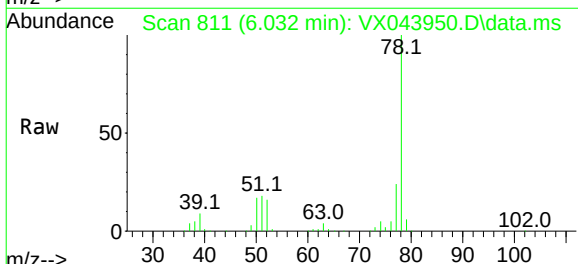
Manual Integrations
APPROVED

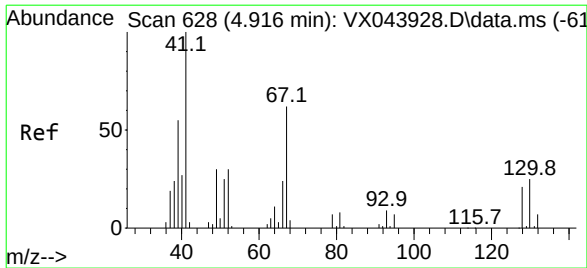
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 54.016 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 78 Resp: 314837
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





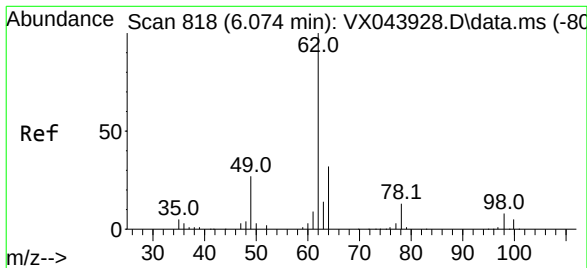
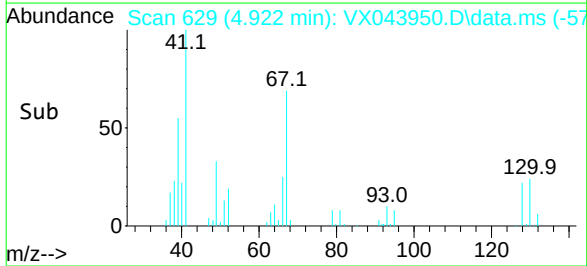
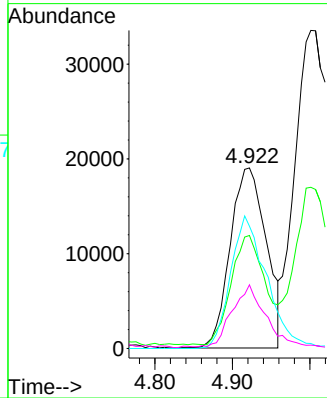
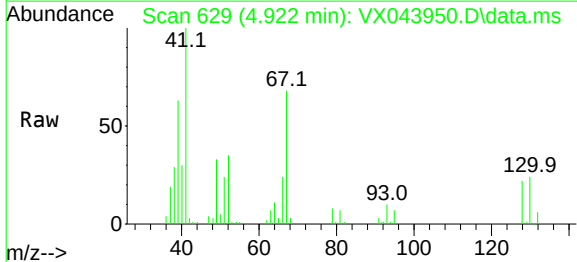
#41
Methacrylonitrile
Concen: 51.710 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	61474
Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.7	62.5
67	74.2	55.8	83.8
52	34.9	24.0	36.0

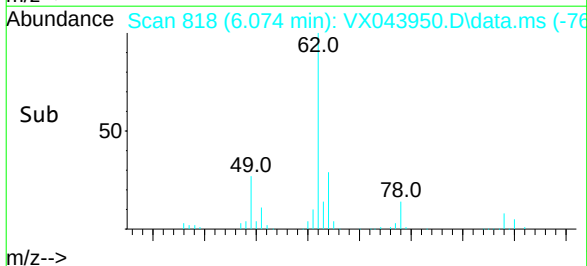
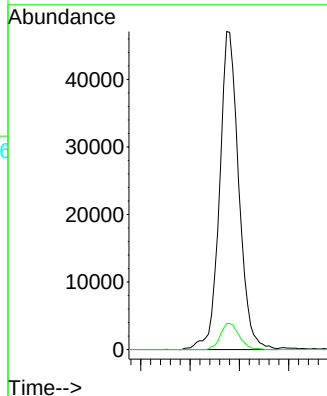
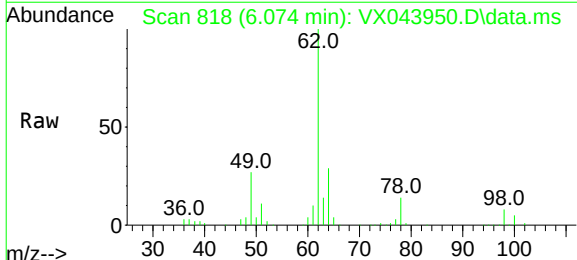
Manual Integrations
APPROVED

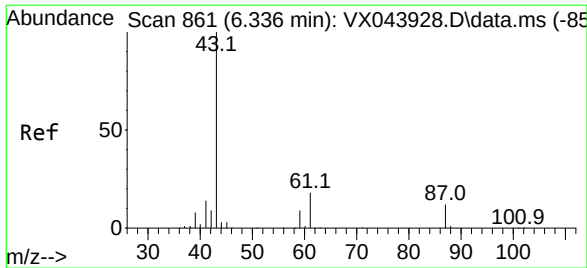
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 54.501 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion:	62	Resp:	127580
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4





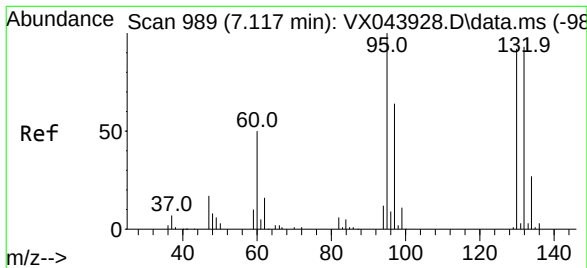
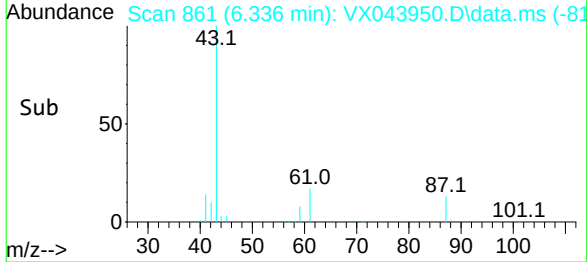
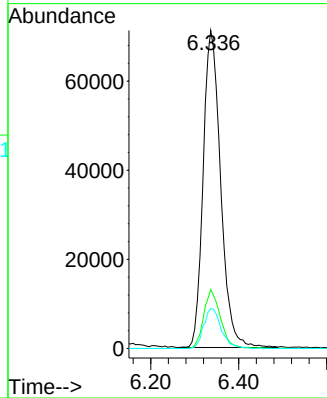
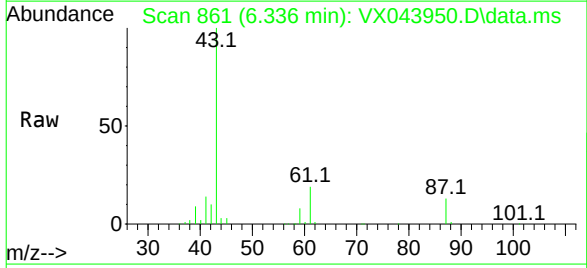
#43
Isopropyl Acetate
Concen: 53.153 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 196481
Ion Ratio Lower Upper
43 100
61 17.6 14.5 21.7
87 12.6 10.2 15.2

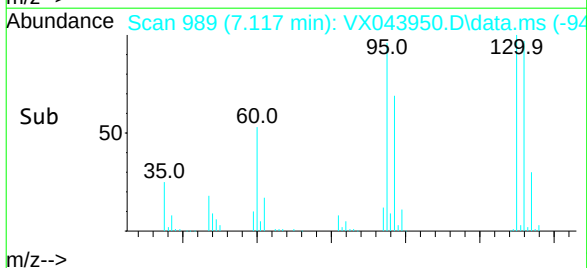
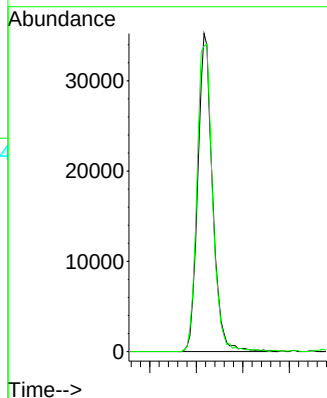
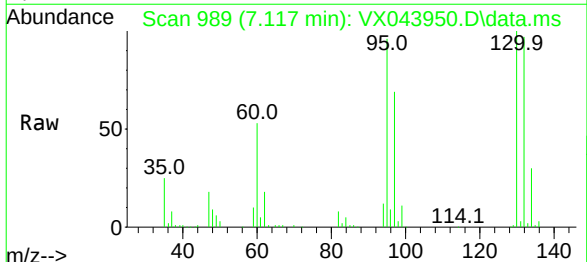
Manual Integrations
APPROVED

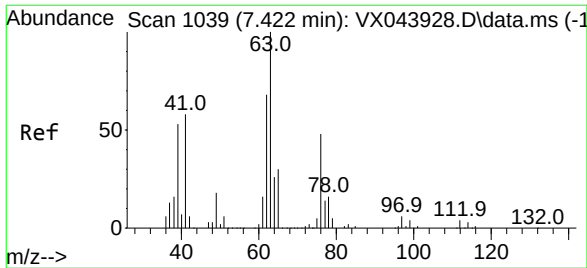
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 46.882 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion:130 Resp: 77355
Ion Ratio Lower Upper
130 100
95 96.1 0.0 217.8





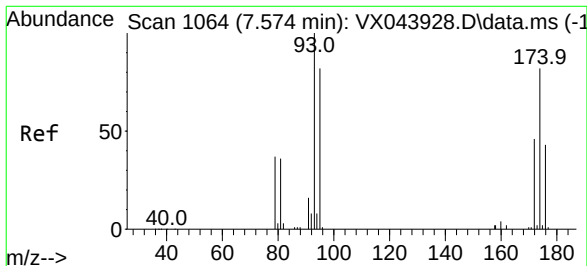
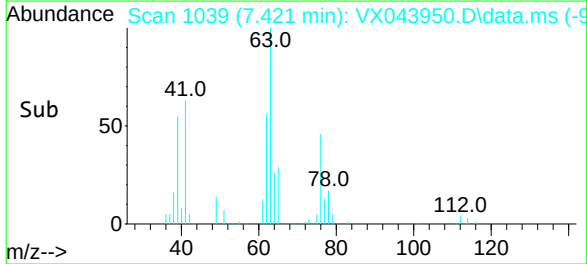
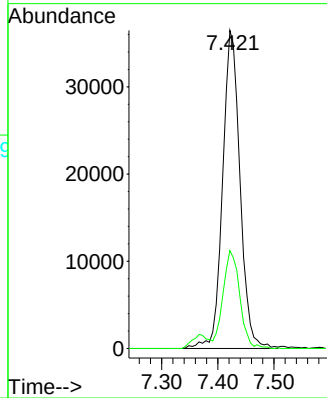
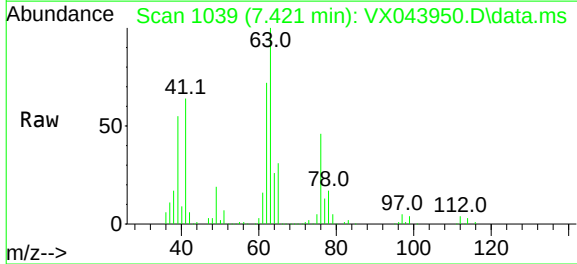
#45
1,2-Dichloropropane
Concen: 55.044 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 78579
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.6

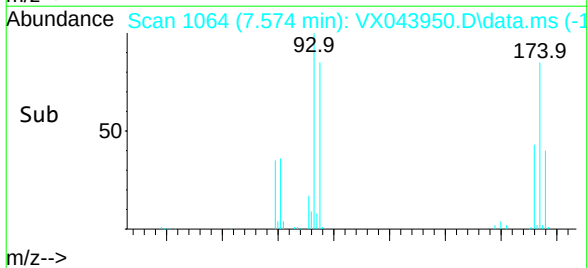
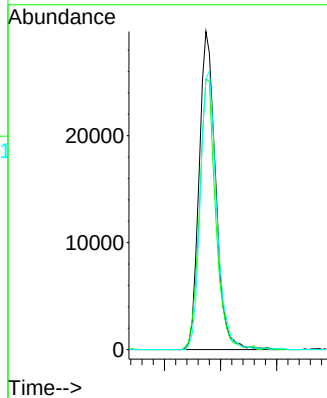
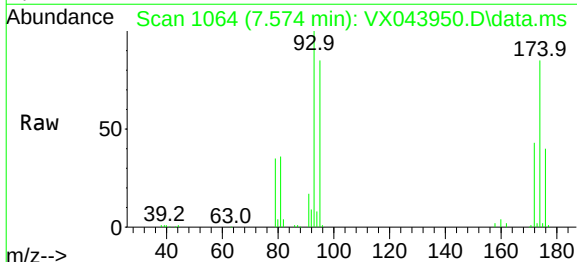
Manual Integrations
APPROVED

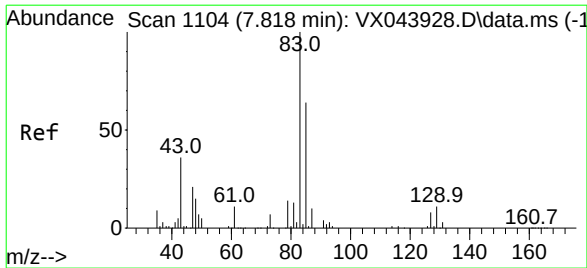
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#46
Dibromomethane
Concen: 53.916 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 93 Resp: 60885
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 87.1 69.6 104.4





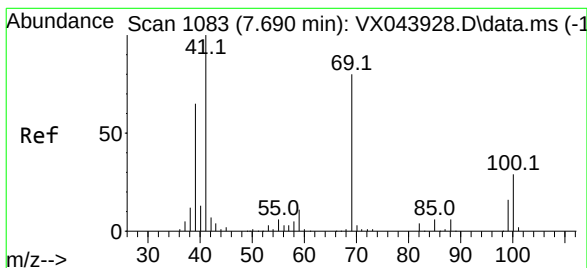
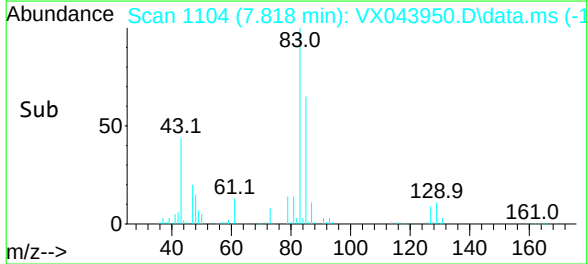
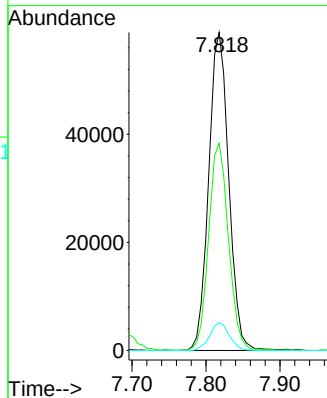
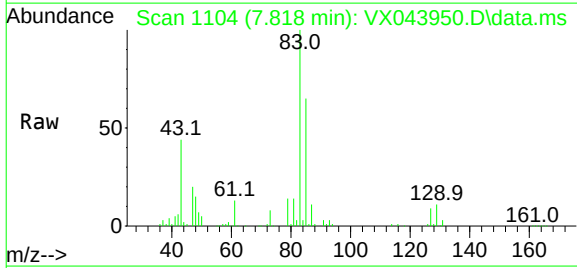
#47
Bromodichloromethane
Concen: 54.645 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 110672
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 8.8 6.6 10.0

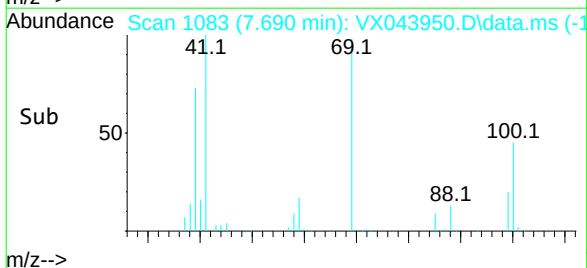
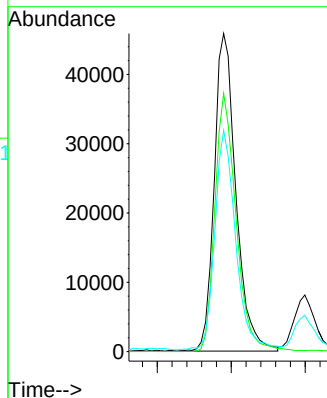
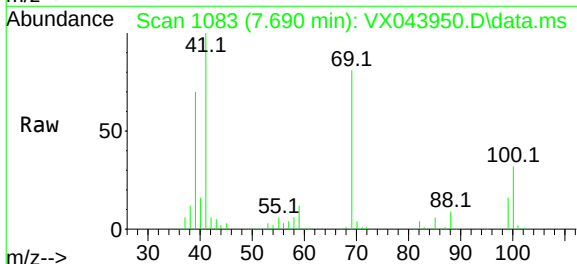
Manual Integrations
APPROVED

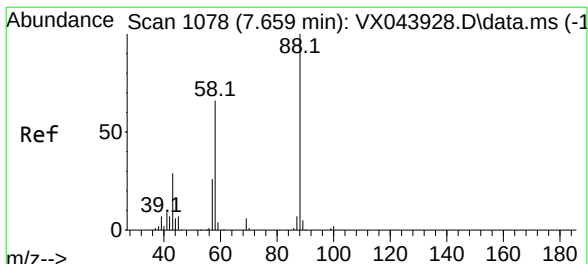
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#48
Methyl methacrylate
Concen: 52.453 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

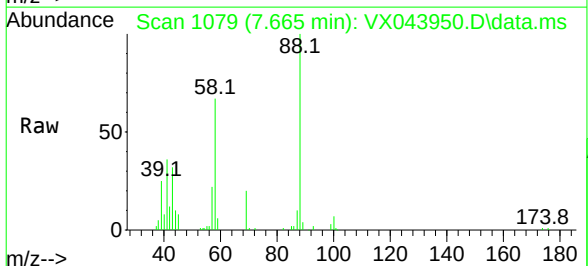
Tgt Ion: 41 Resp: 93037
Ion Ratio Lower Upper
41 100
69 79.9 64.6 97.0
39 66.9 53.3 79.9





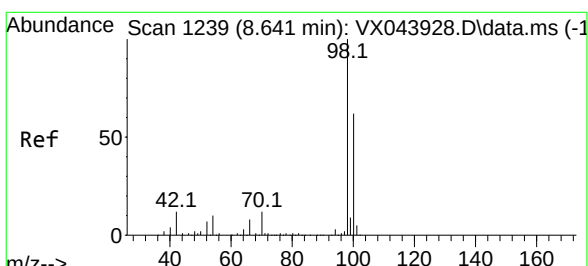
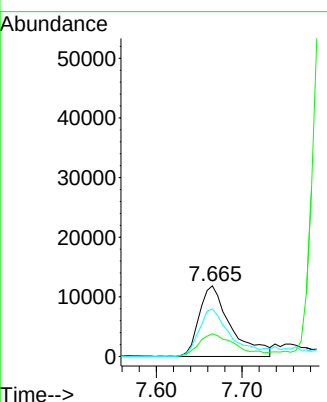
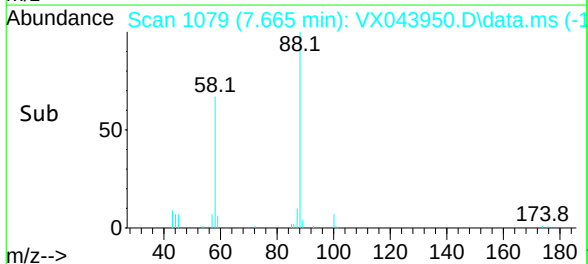
#49
 1,4-Dioxane
 Concen: 956.809 ug/l
 RT: 7.665 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Instrument : MSVOA_X
 ClientSampleId : VSTDCCC050



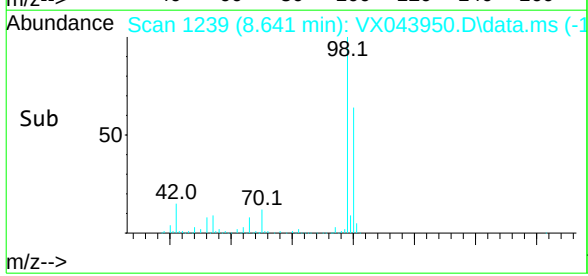
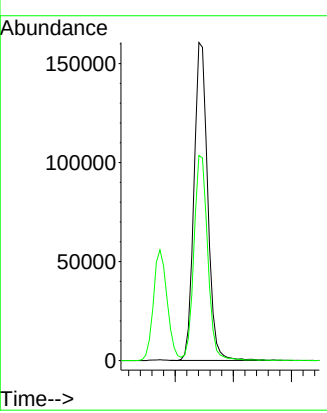
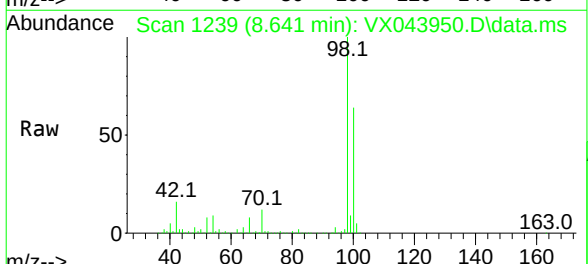
Tgt Ion:	88	Resp:	30231
Ion	Ratio	Lower	Upper
88	100		
43	37.9	26.8	40.2
58	66.2	45.4	68.2

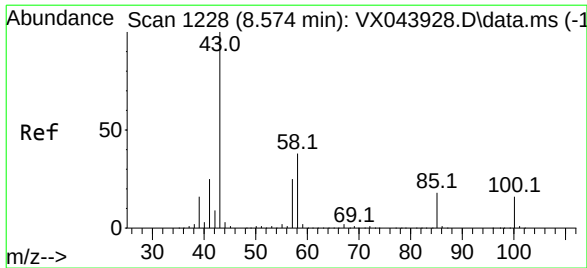
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#50
 Toluene-d8
 Concen: 50.769 ug/l
 RT: 8.641 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Tgt Ion:	98	Resp:	262790
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	79.0





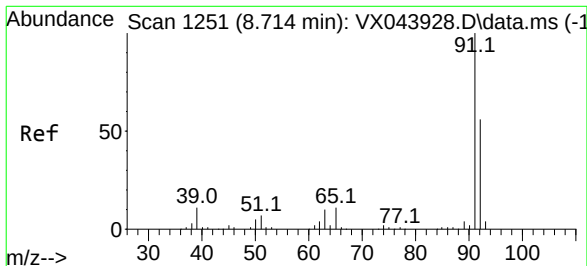
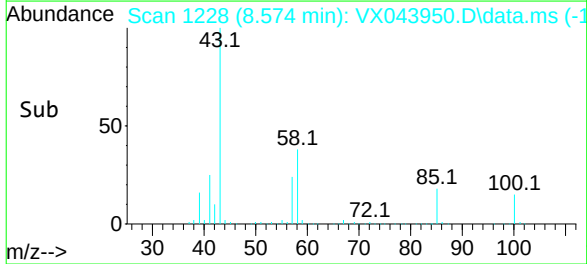
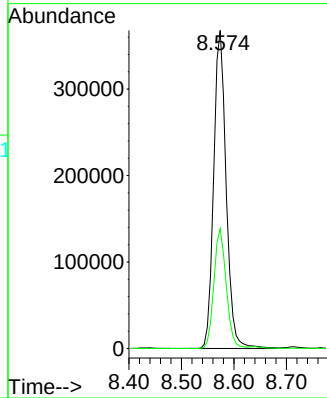
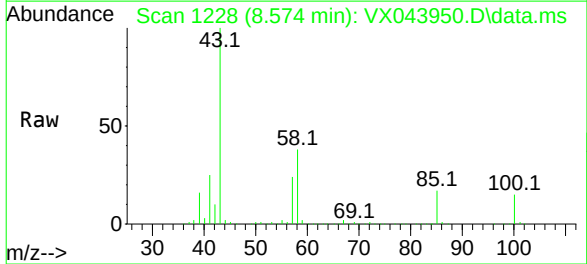
#51
4-Methyl-2-Pentanone
Concen: 269.433 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 607788
Ion Ratio Lower Upper
43 100
58 37.0 30.0 45.0

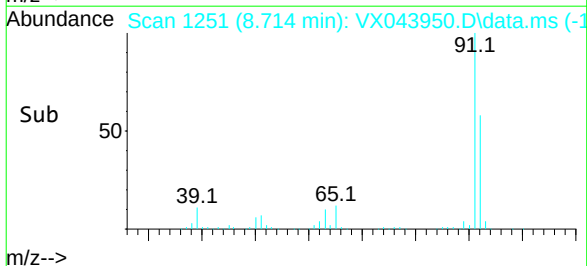
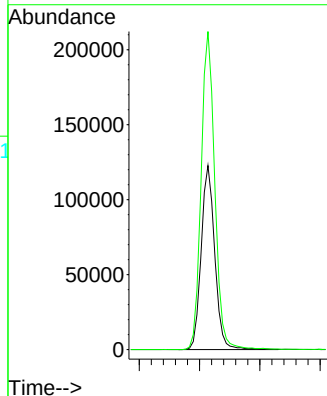
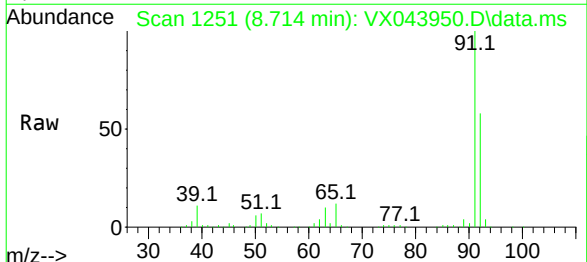
Manual Integrations
APPROVED

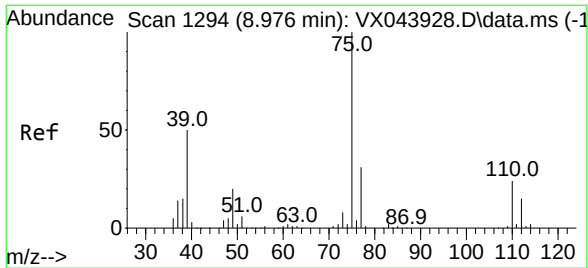
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 54.965 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 92 Resp: 191750
Ion Ratio Lower Upper
92 100
91 174.2 139.7 209.5





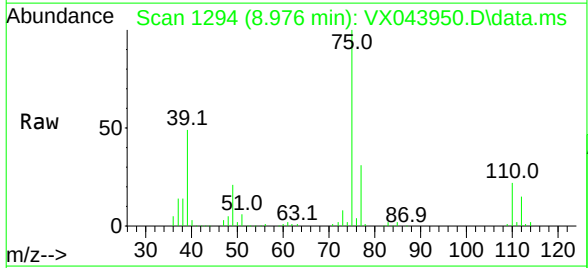
#53
 t-1,3-Dichloropropene
 Concen: 54.971 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

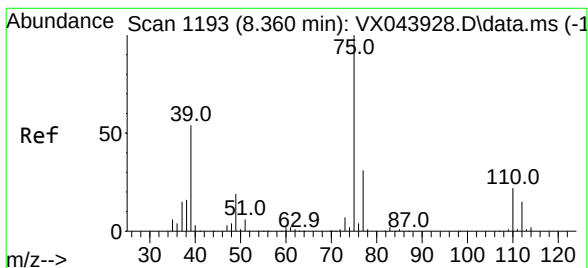
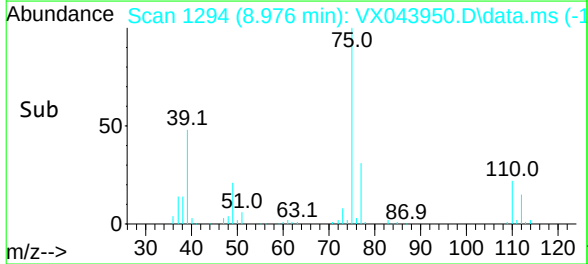
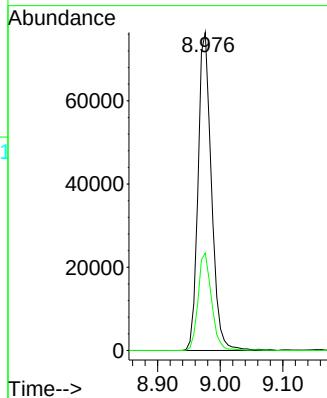


Tgt Ion: 75 Resp: 113533
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7

Manual Integrations

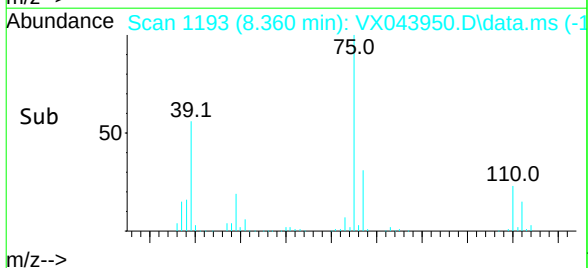
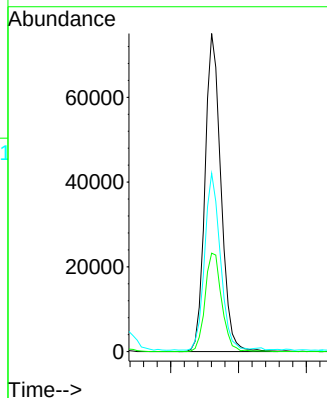
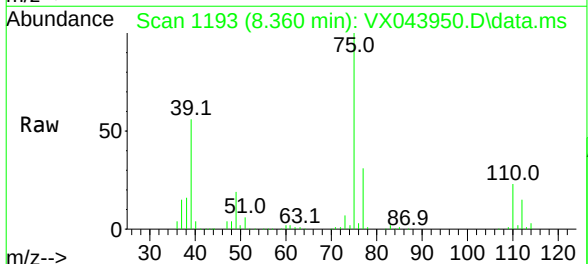
APPROVED

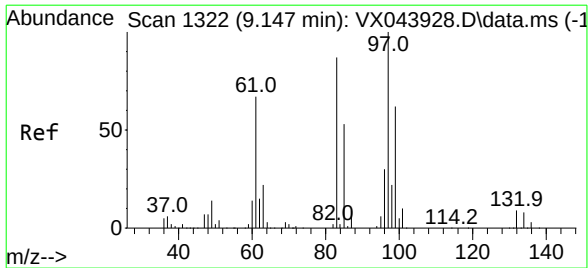
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#54
 cis-1,3-Dichloropropene
 Concen: 54.052 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX043950.D
 Acq: 22 Nov 2024 11:22

Tgt Ion: 75 Resp: 122380
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 55.6 43.1 64.7





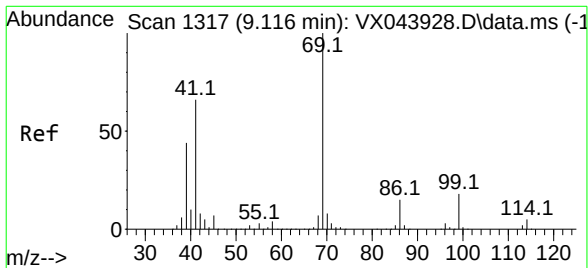
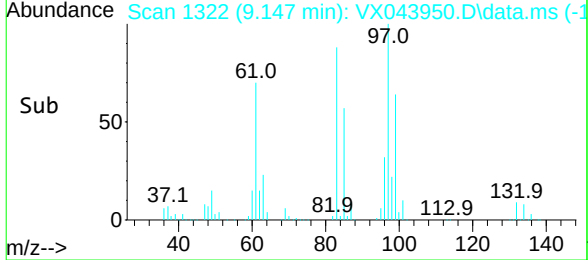
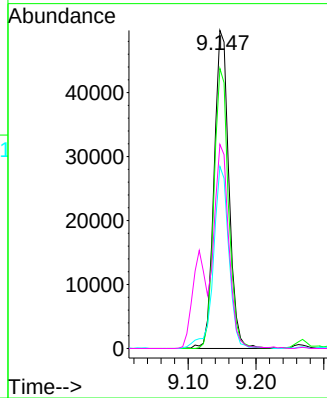
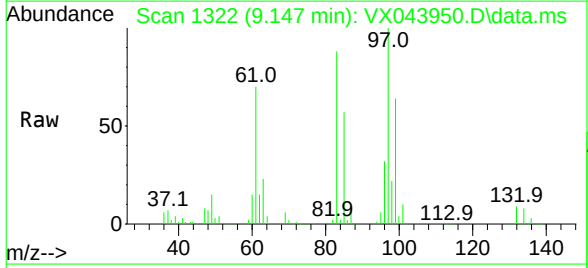
#55
1,1,2-Trichloroethane
Concen: 52.387 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion:	97	Resp:	75441
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.4	104.0
85	57.2	42.3	63.5
99	64.0	49.6	74.4

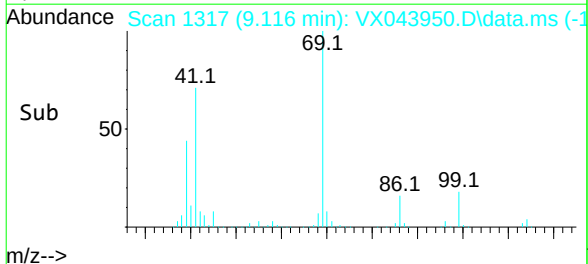
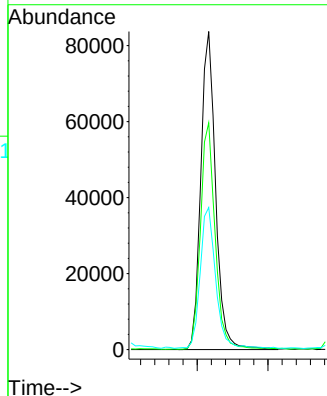
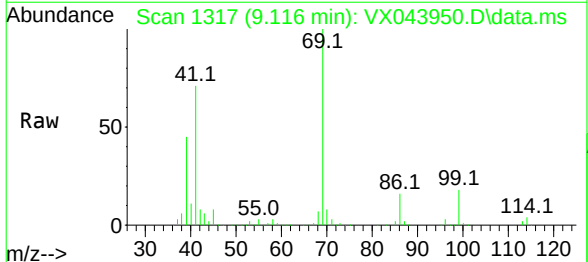
Manual Integrations
APPROVED

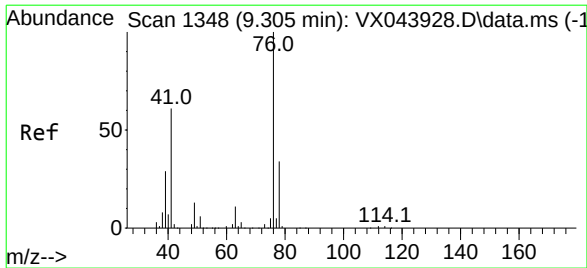
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#56
Ethyl methacrylate
Concen: 54.352 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

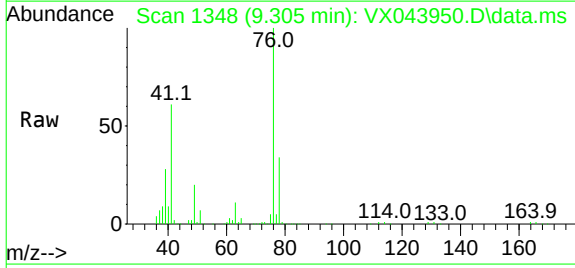
Tgt Ion:	69	Resp:	121914
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.8	83.8
39	46.2	36.7	55.1





#57
1,3-Dichloropropane
Concen: 54.563 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

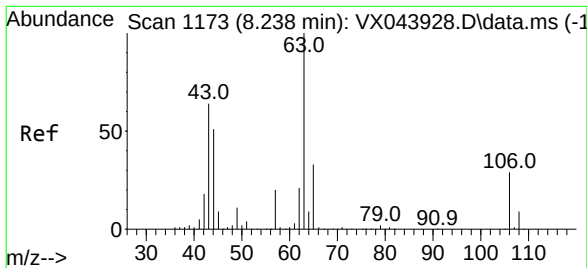
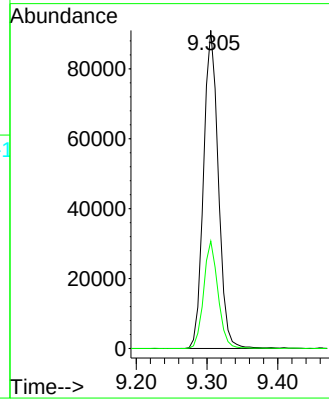
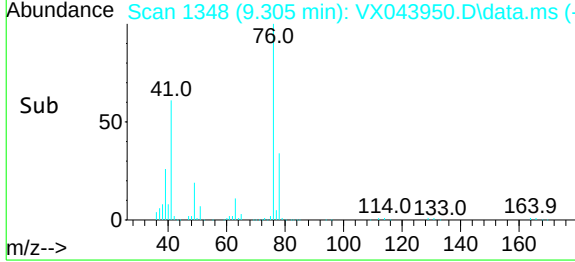
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 132364
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

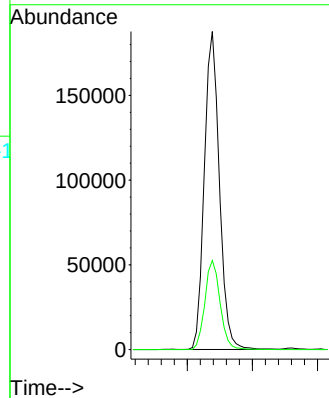
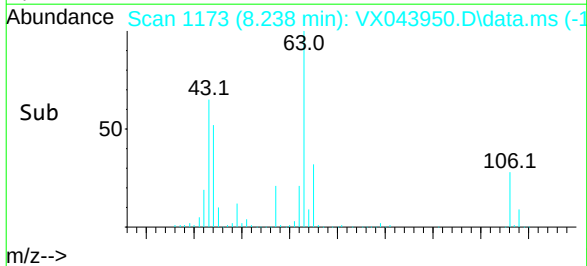
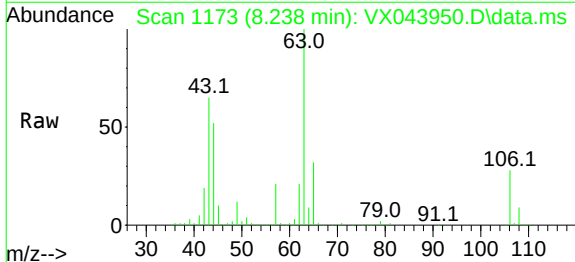
Manual Integrations
APPROVED

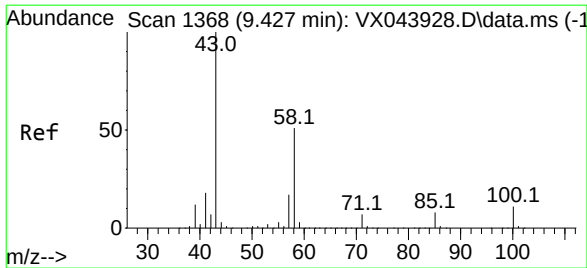
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 244.819 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 63 Resp: 301050
Ion Ratio Lower Upper
63 100
106 28.3 23.0 34.6





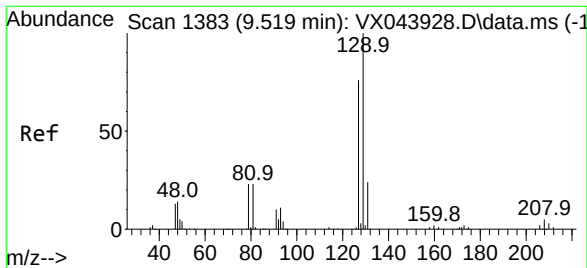
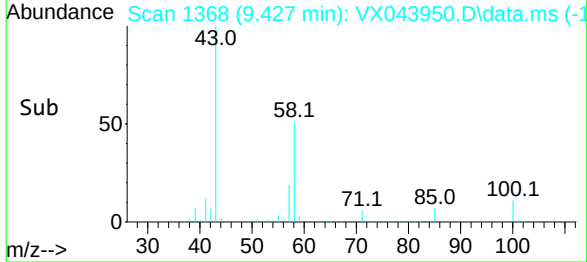
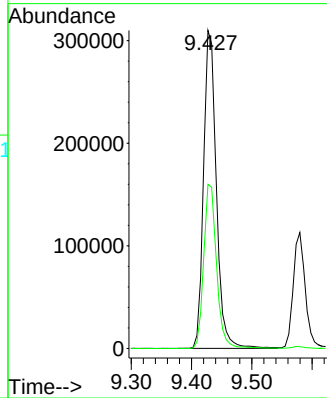
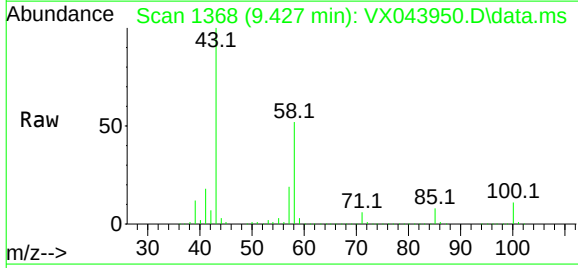
#59
2-Hexanone
Concen: 269.358 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 456702
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.6

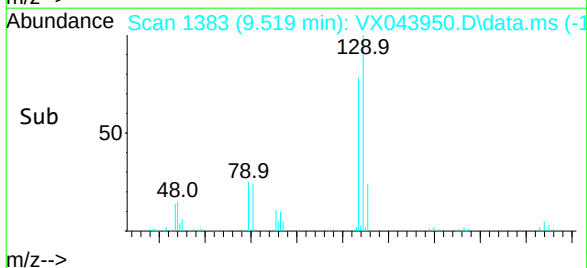
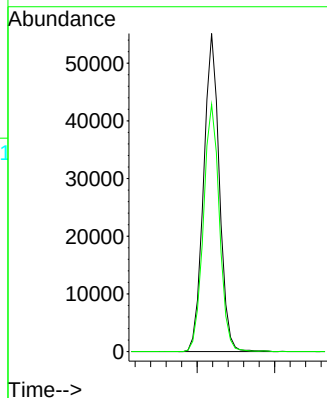
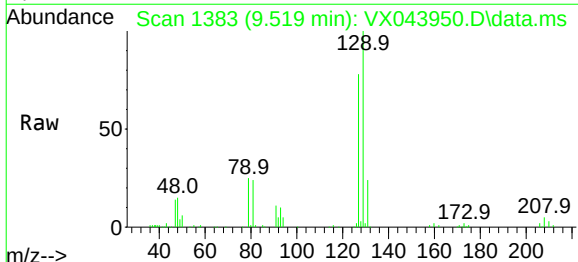
Manual Integrations
APPROVED

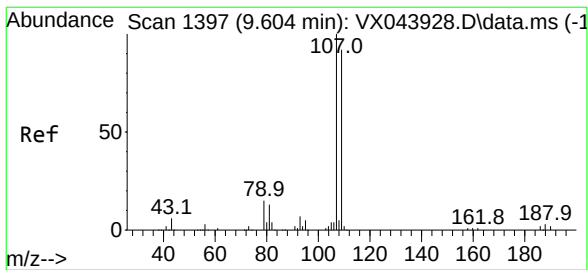
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 53.853 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

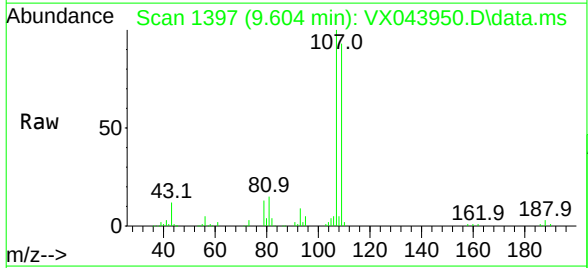
Tgt Ion:129 Resp: 77811
Ion Ratio Lower Upper
129 100
127 78.8 38.2 114.6





#61
1,2-Dibromoethane
Concen: 54.040 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

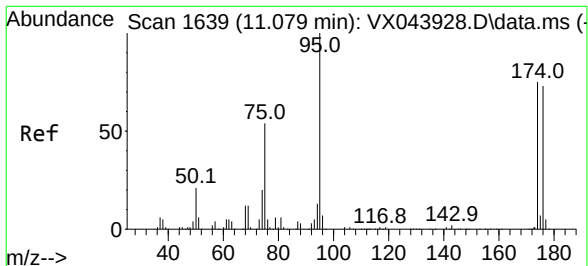
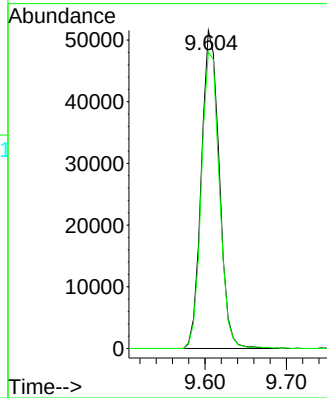
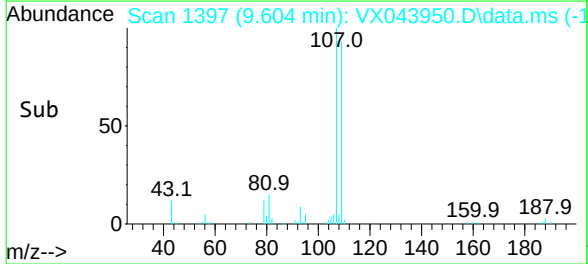
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 107 Resp: 78690
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

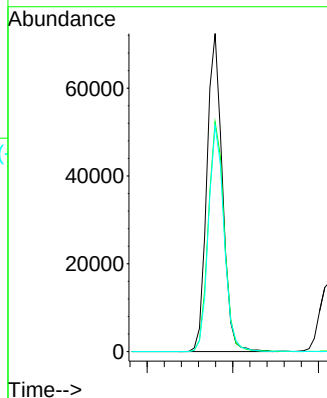
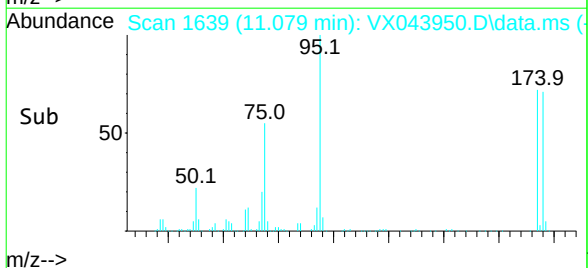
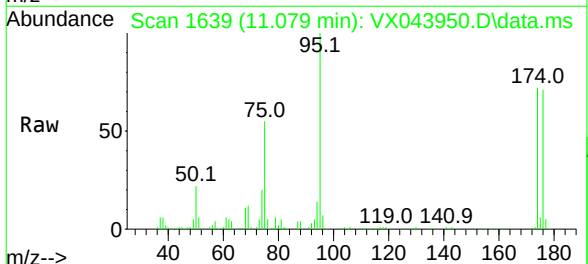
Manual Integrations
APPROVED

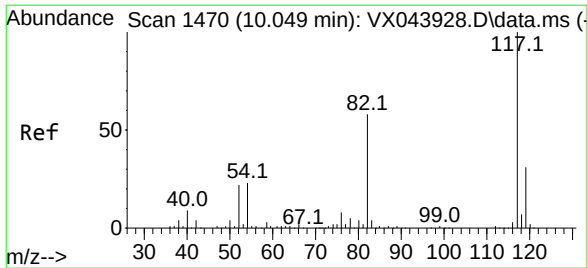
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 95 Resp: 91050
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.4
176 71.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

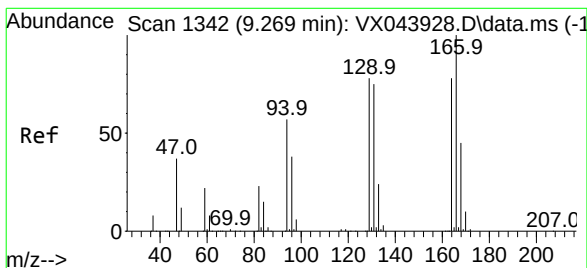
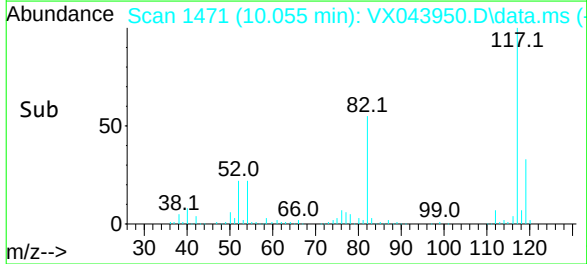
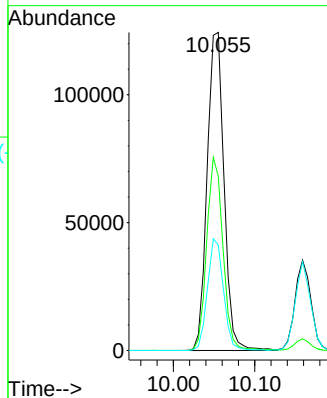
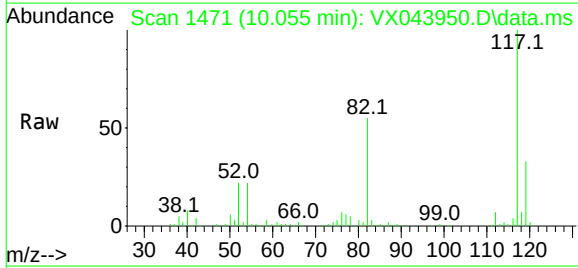
Tgt Ion:	117	Resp:	179277
Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.4	69.6
119	33.1	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#64

Tetrachloroethene

Concen: 54.365 ug/l

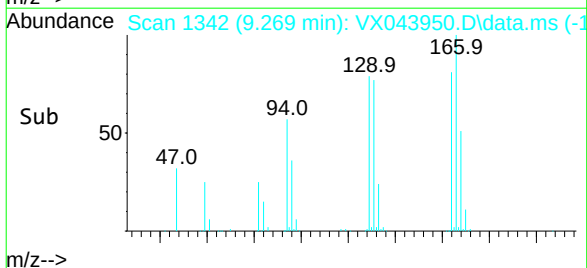
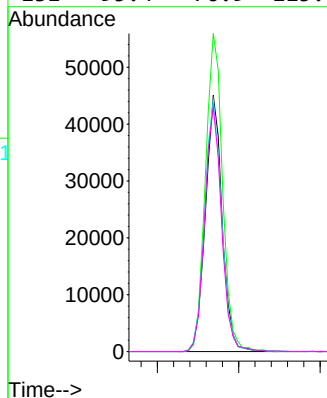
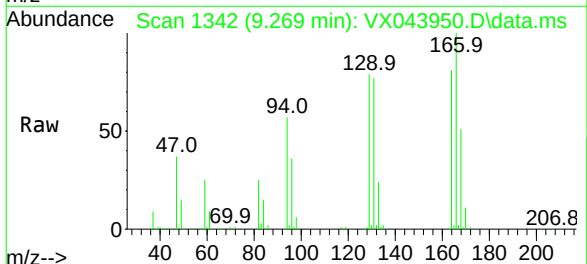
RT: 9.269 min Scan# 1342

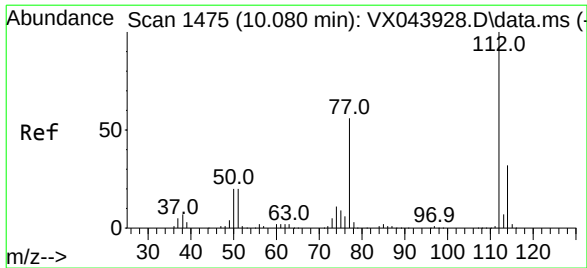
Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion:	164	Resp:	64266
Ion	Ratio	Lower	Upper
164	100		
166	124.1	102.1	153.1
129	98.1	79.6	119.4
131	95.4	76.9	115.3





#65

Chlorobenzene

Concen: 52.640 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 207265

Ion Ratio Lower Upper

112 100

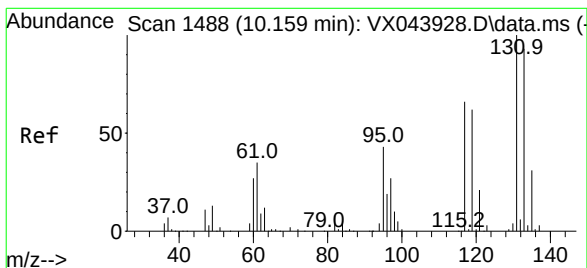
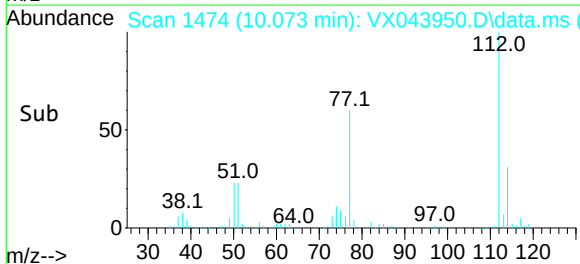
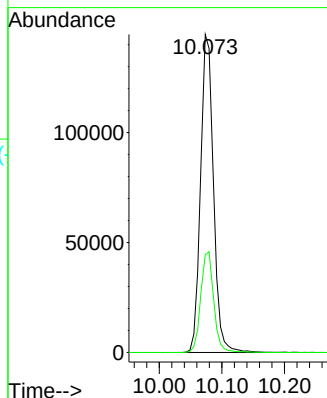
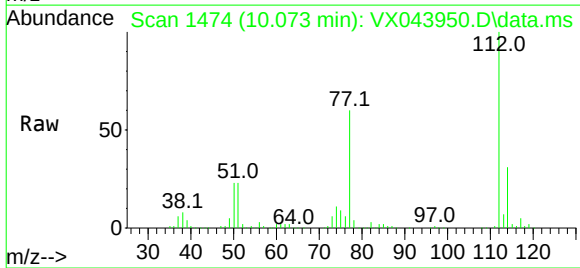
114 30.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.854 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

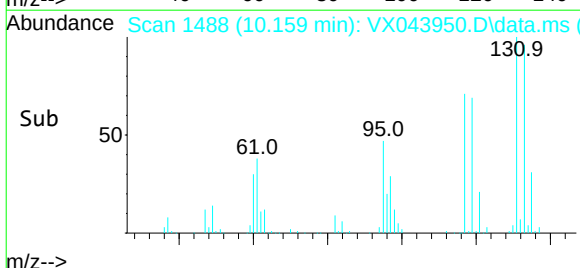
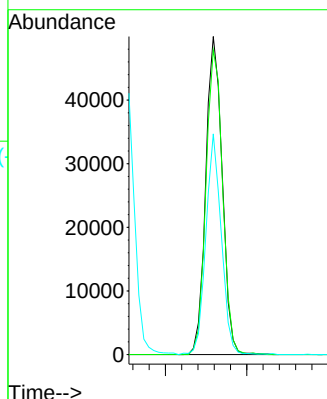
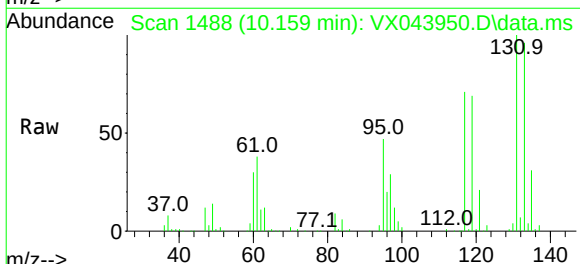
Tgt Ion:131 Resp: 70047

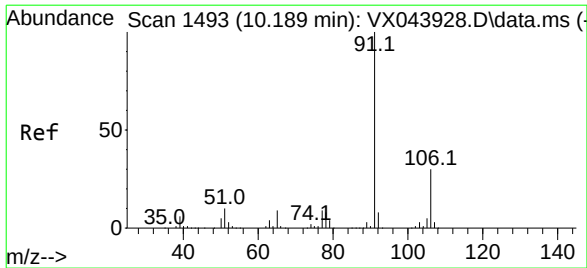
Ion Ratio Lower Upper

131 100

133 96.7 48.2 144.6

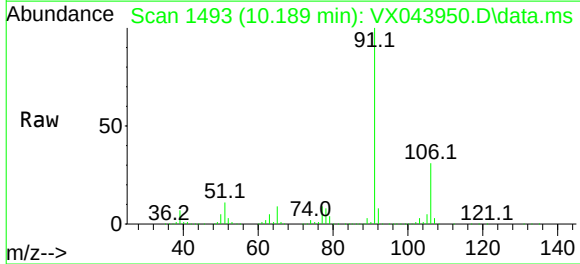
119 65.1 31.5 94.5





#67
Ethyl Benzene
Concen: 55.362 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

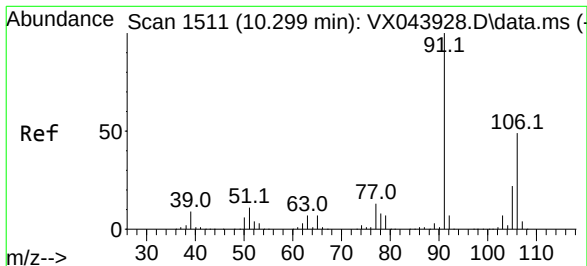
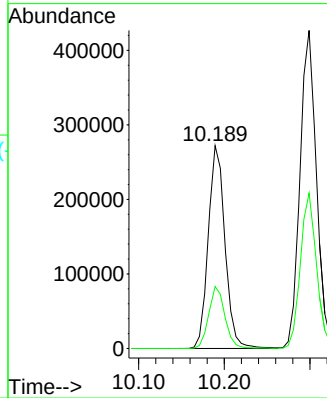
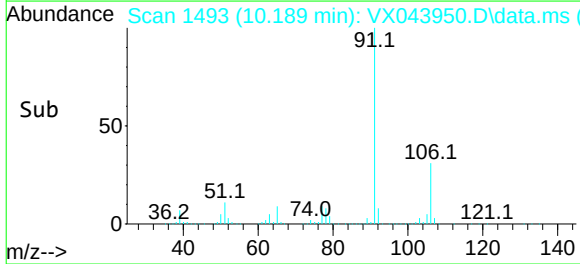
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



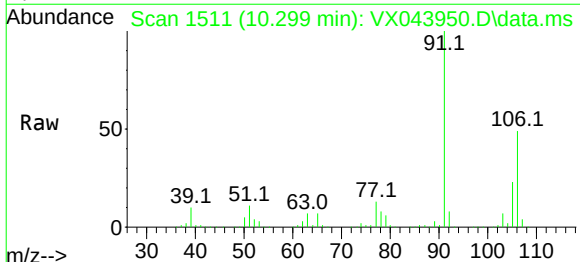
Tgt Ion: 91 Resp: 369374
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4

Manual Integrations
APPROVED

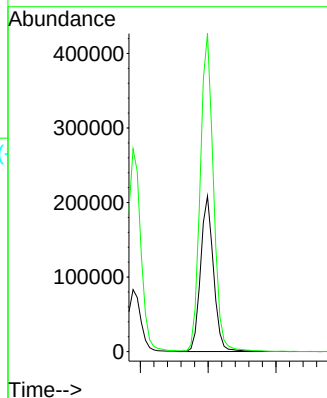
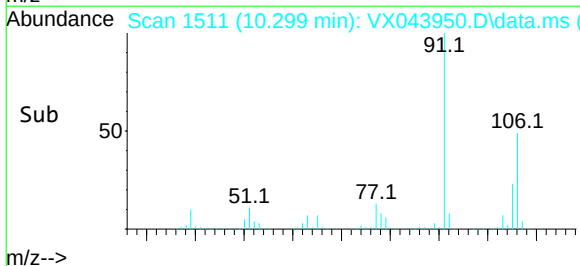
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

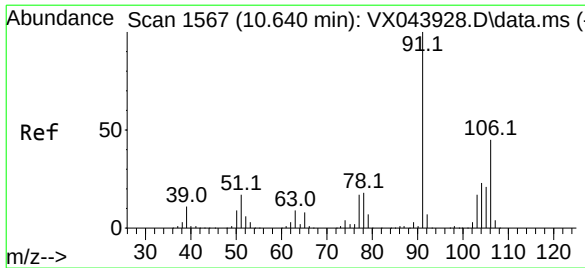


#68
m/p-Xylenes
Concen: 110.758 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22



Tgt Ion:106 Resp: 275579
Ion Ratio Lower Upper
106 100
91 209.0 168.1 252.1





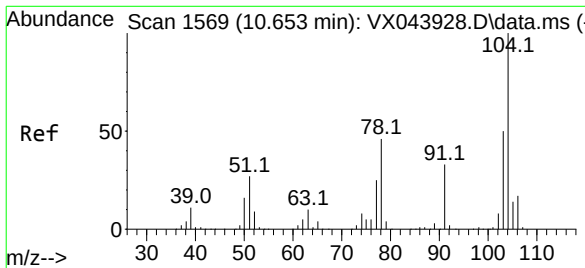
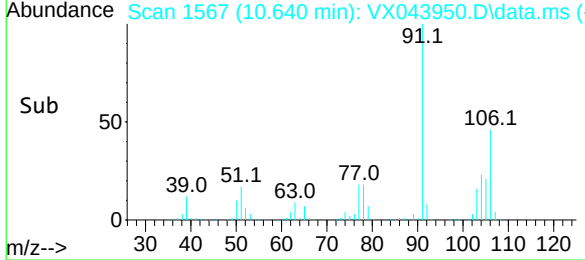
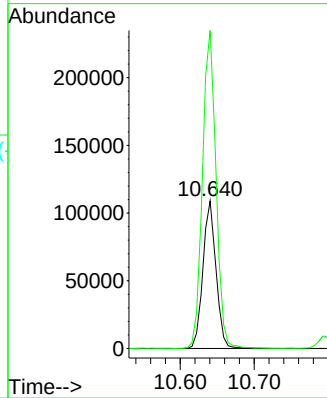
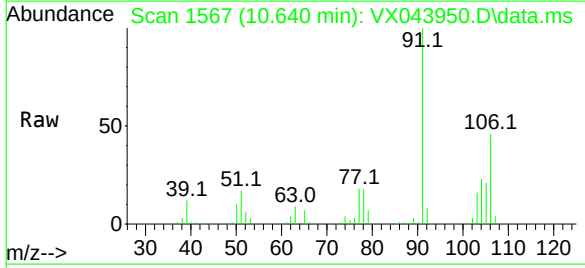
#69
o-Xylene
Concen: 55.187 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 134066
Ion Ratio Lower Upper
106 100
91 223.3 110.2 330.6

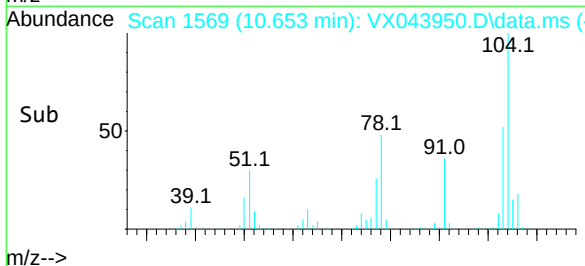
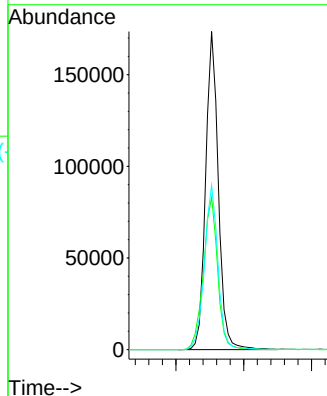
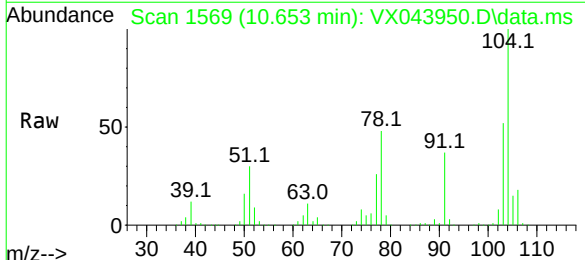
Manual Integrations
APPROVED

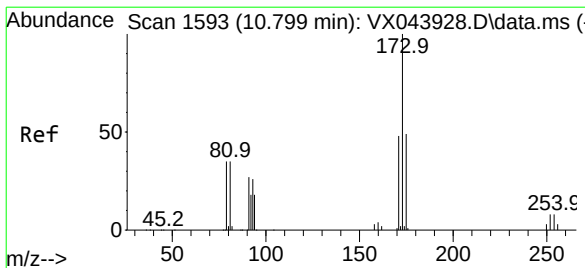
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 56.140 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion:104 Resp: 225568
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.2
103 55.5 44.7 67.1





#71

Bromoform

Concen: 48.773 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

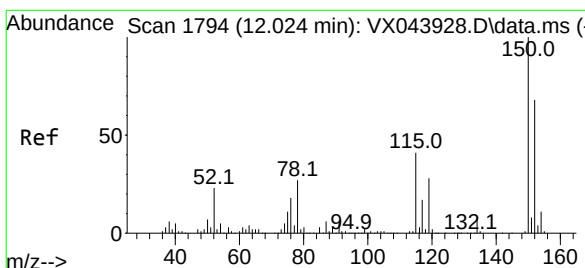
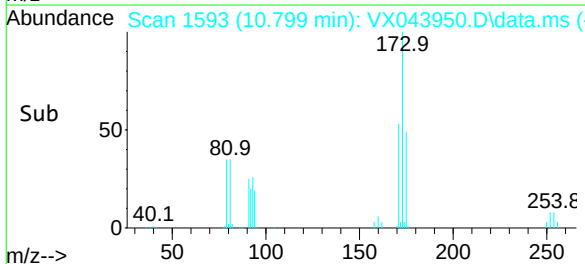
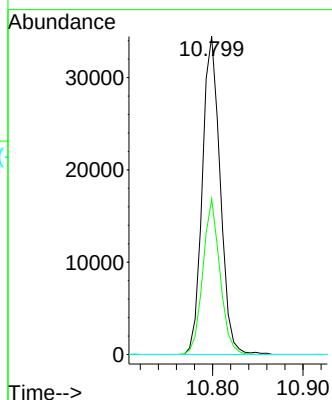
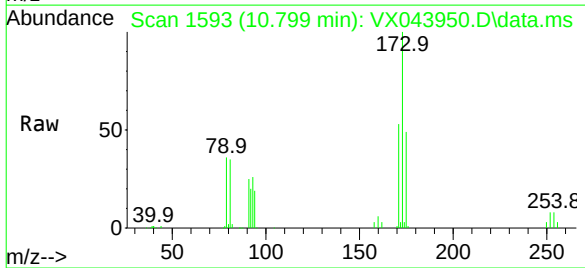
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	47233
Ion Ratio	Lower	Upper	
173	100		
175	46.8	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

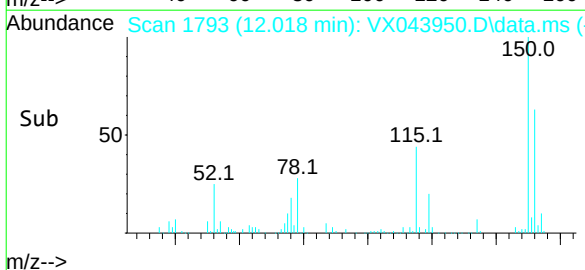
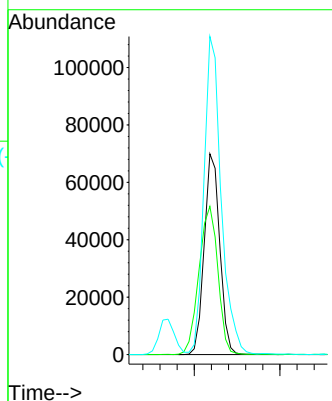
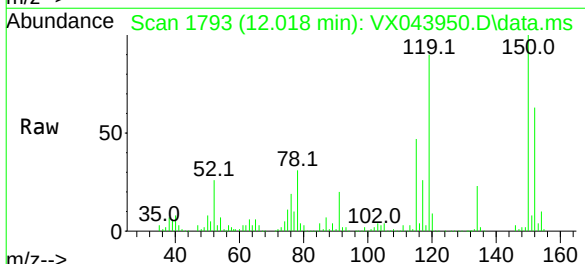
RT: 12.018 min Scan# 1793

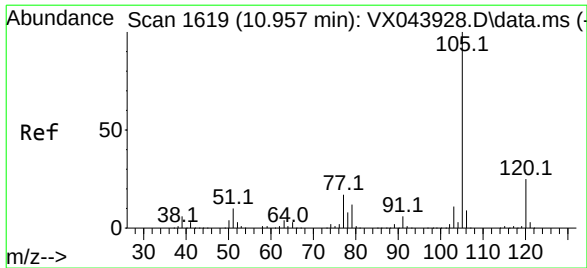
Delta R.T. -0.006 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion:	152	Resp:	88069
Ion Ratio	Lower	Upper	
152	100		
115	90.2	45.4	136.2
150	176.2	0.0	353.0





#73

Isopropylbenzene

Concen: 52.039 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 352296

Ion Ratio Lower Upper

105 100

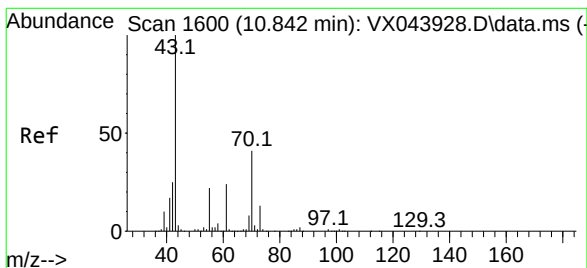
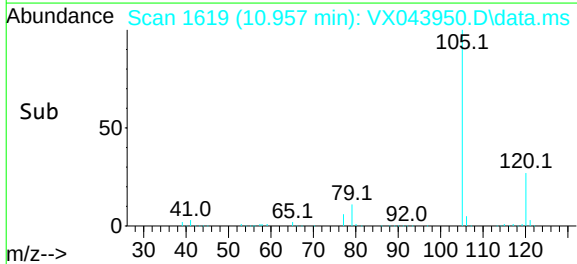
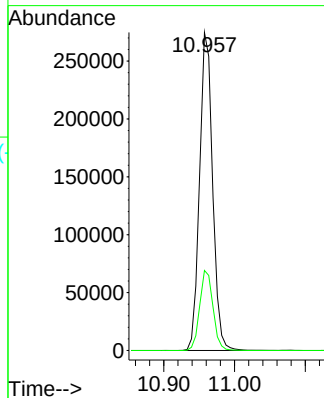
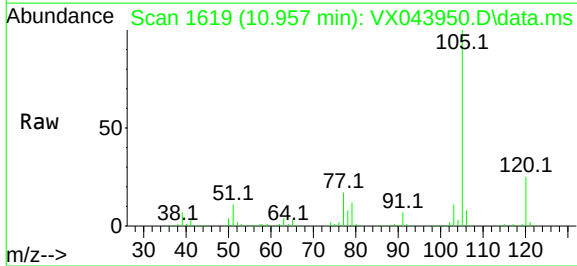
120 25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 51.973 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion: 43 Resp: 162994

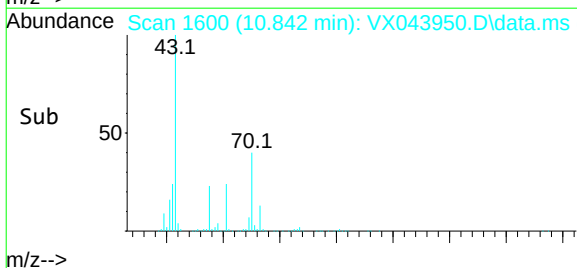
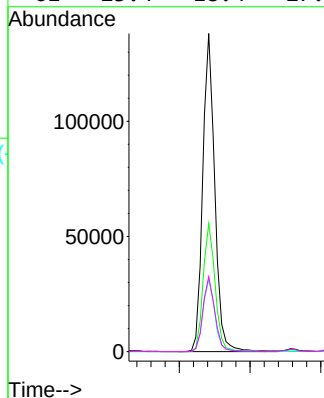
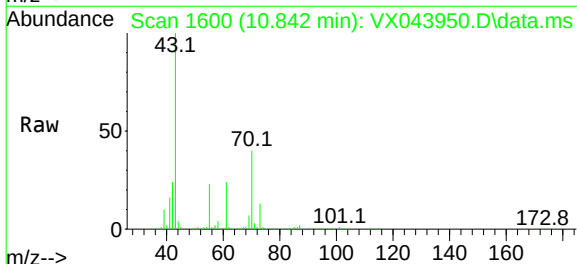
Ion Ratio Lower Upper

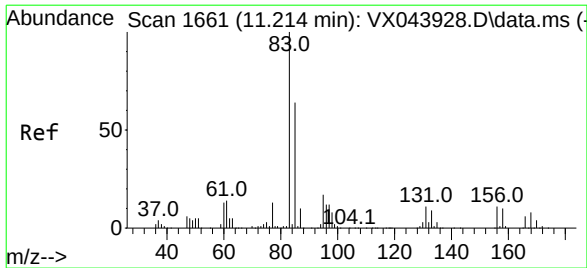
43 100

70 40.1 32.2 48.2

55 22.6 18.1 27.1

61 23.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.403 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

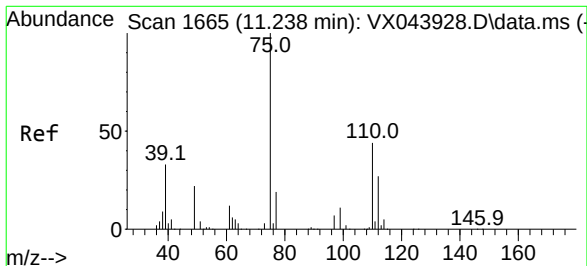
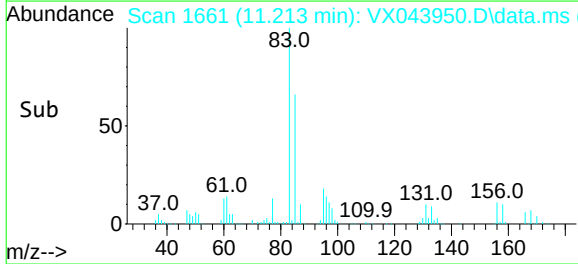
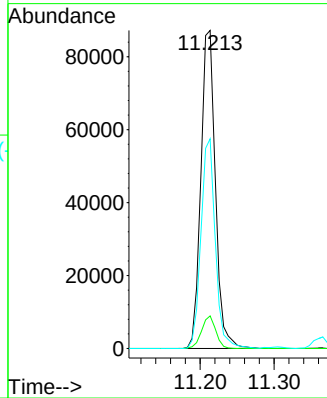
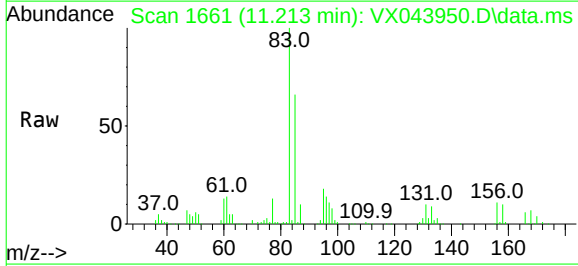
Tgt Ion:	83	Resp:	119153
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.2
85	65.2	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#76

1,2,3-Trichloropropane

Concen: 51.893 ug/l m

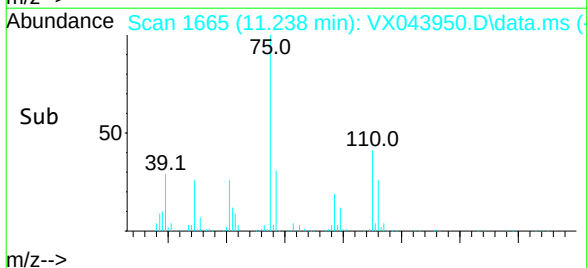
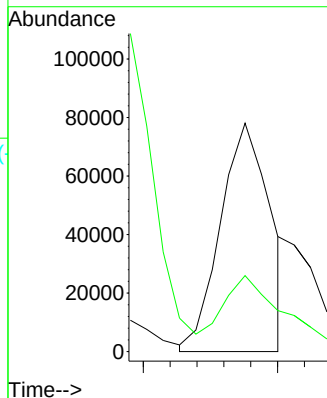
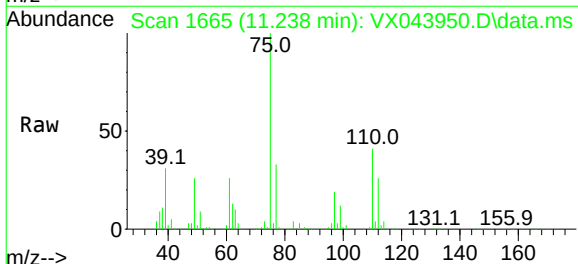
RT: 11.238 min Scan# 1665

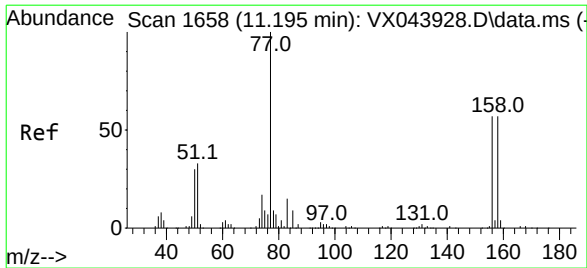
Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion:	75	Resp:	100223
Ion	Ratio	Lower	Upper
75	100		
77	42.0	21.8	65.3





#77

Bromobenzene

Concen: 51.338 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 82907

Ion Ratio Lower Upper

156 100

77 164.1 83.4 250.1

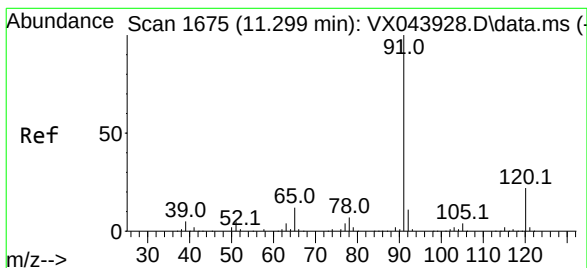
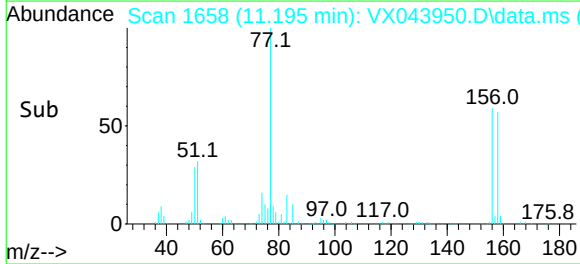
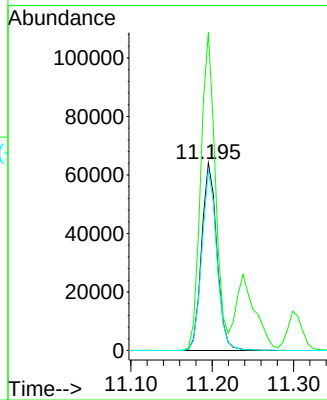
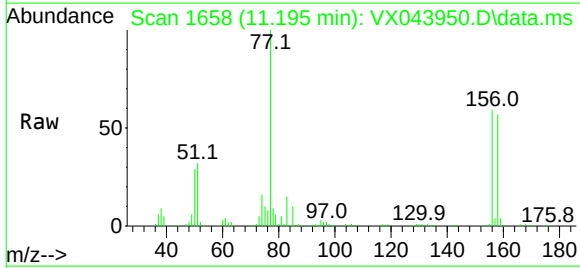
158 94.8 47.6 142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#78

n-propylbenzene

Concen: 53.765 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX043950.D

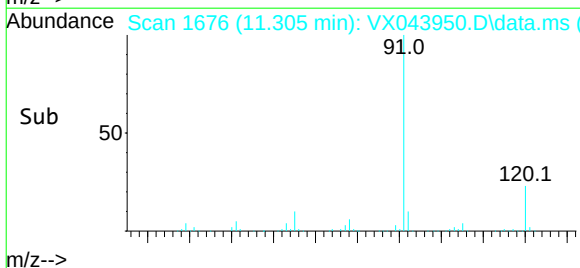
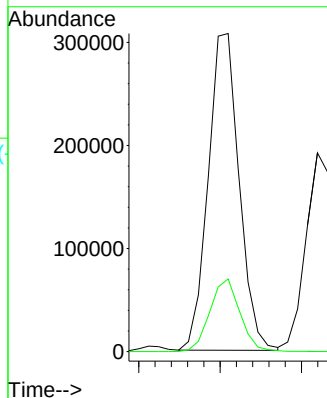
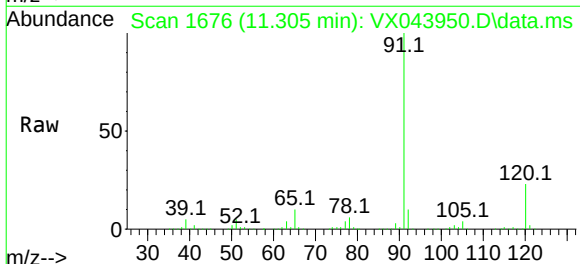
Acq: 22 Nov 2024 11:22

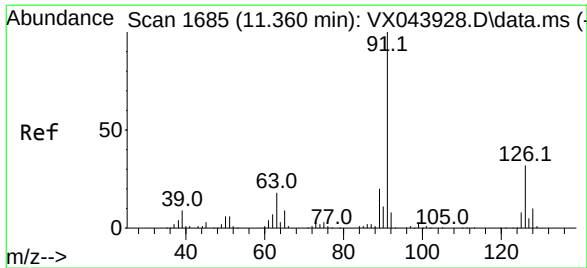
Tgt Ion: 91 Resp: 406514

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.573 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 246574

Ion Ratio Lower Upper

91 100

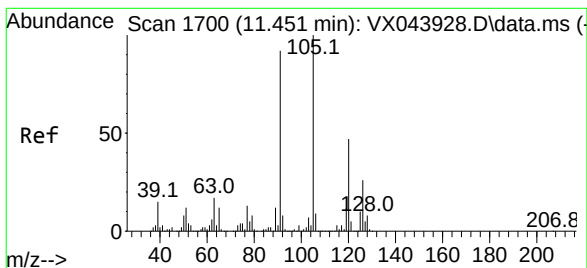
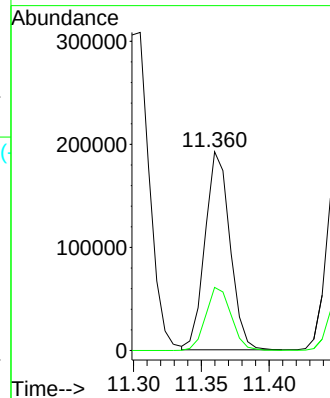
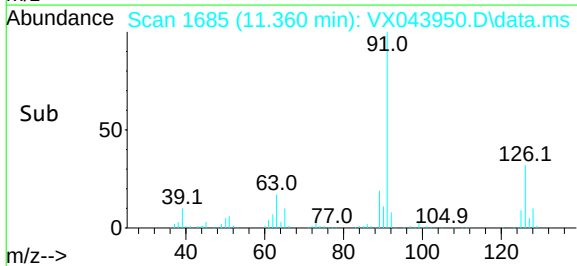
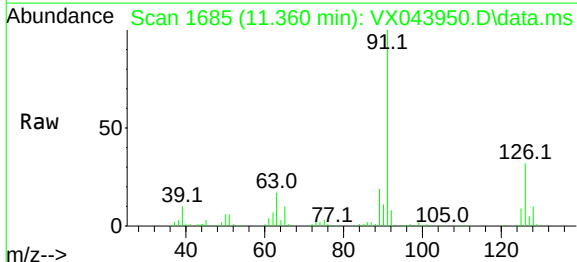
126 32.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.968 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043950.D

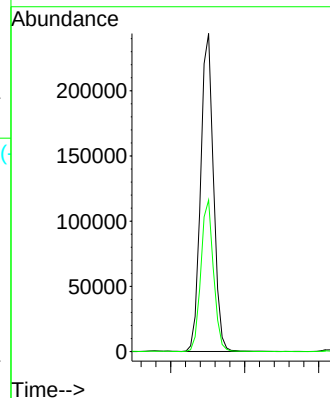
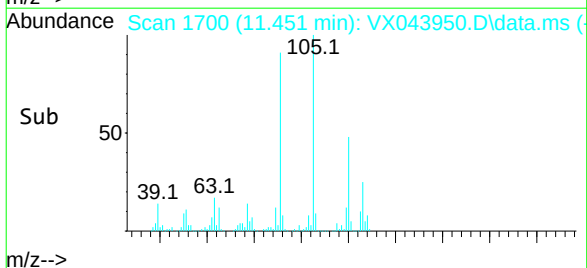
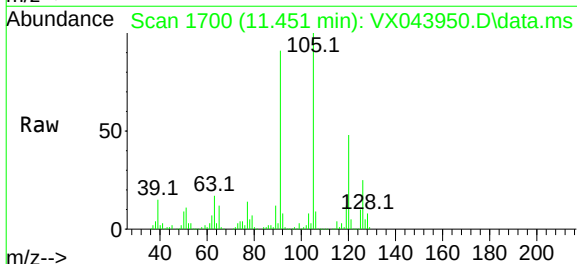
Acq: 22 Nov 2024 11:22

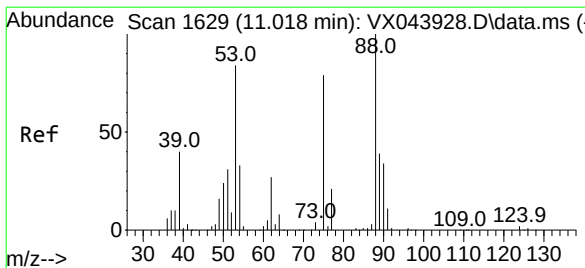
Tgt Ion:105 Resp: 295006

Ion Ratio Lower Upper

105 100

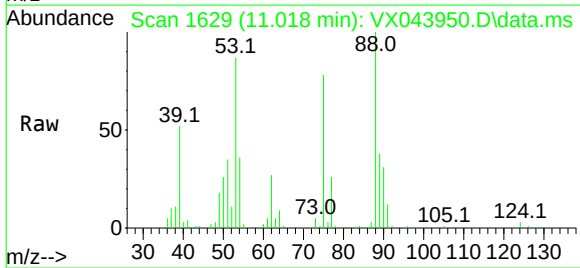
120 46.9 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.492 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

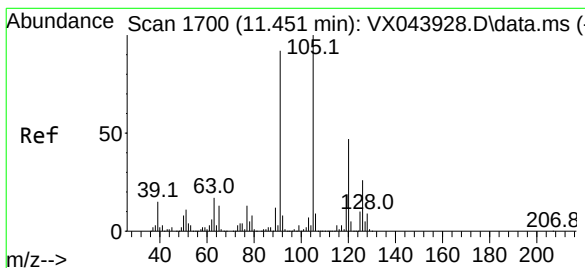
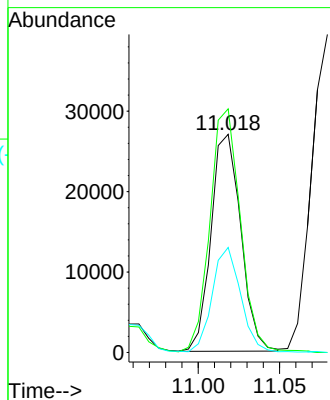
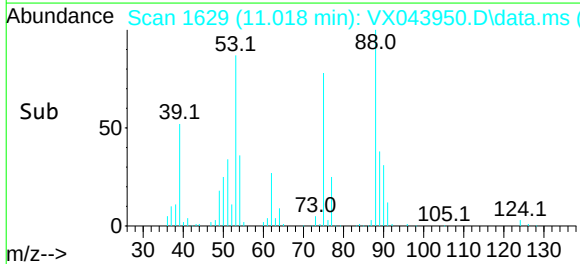
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 34321
Ion Ratio Lower Upper
75 100
53 115.3 86.7 130.1
89 46.8 38.2 57.2

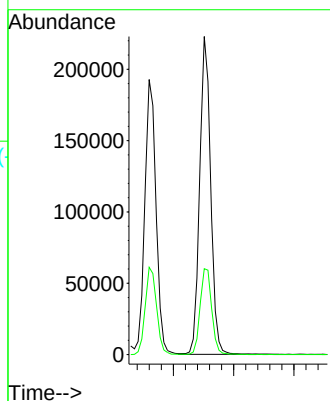
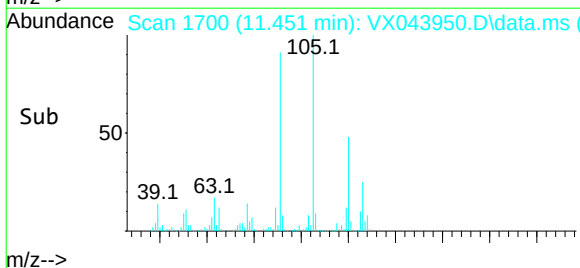
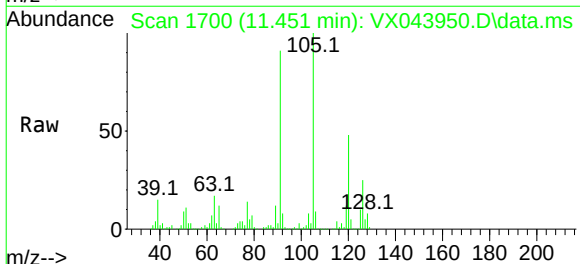
Manual Integrations
APPROVED

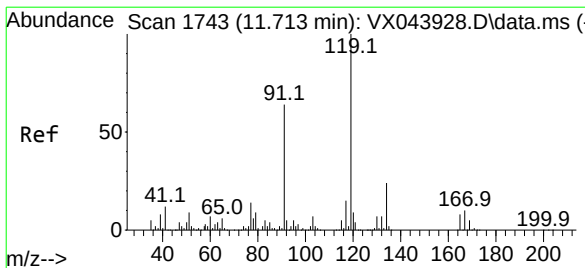
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 52.200 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 91 Resp: 281758
Ion Ratio Lower Upper
91 100
126 28.6 14.3 42.9





#83

tert-Butylbenzene

Concen: 52.754 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

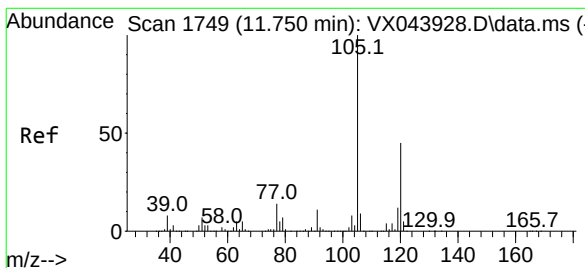
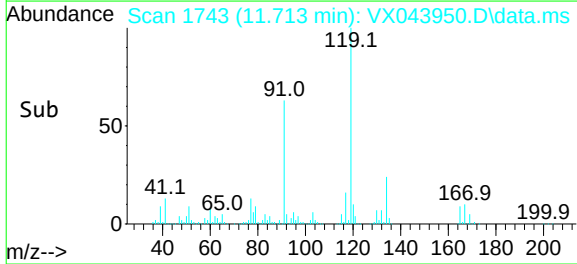
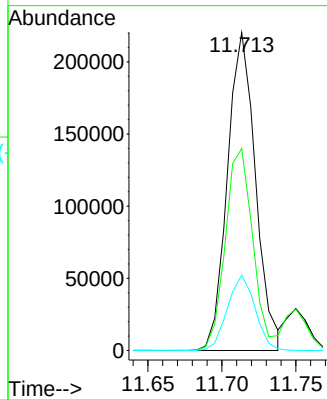
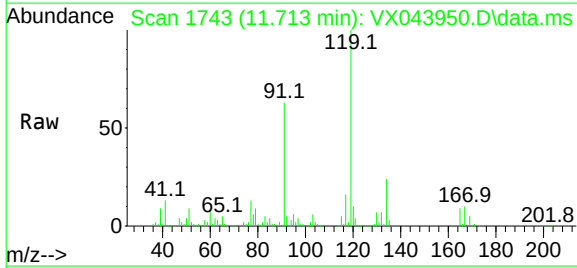
Tgt Ion:	119	Resp:	291225
Ion Ratio	Lower	Upper	
119	100		
91	61.3	31.0	93.0
134	23.2	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.956 ug/l

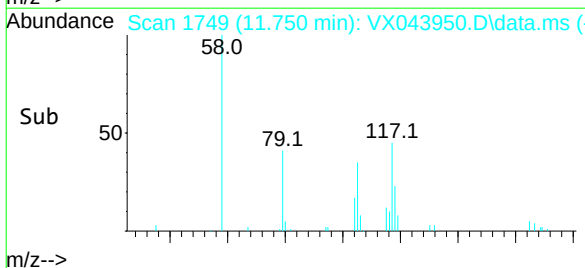
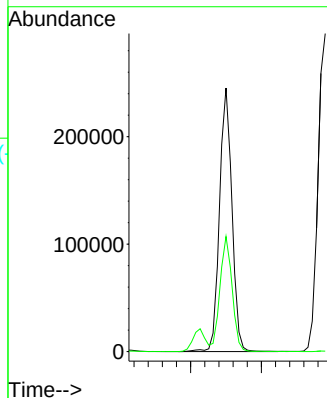
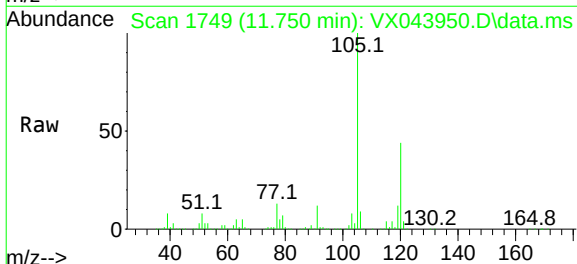
RT: 11.750 min Scan# 1749

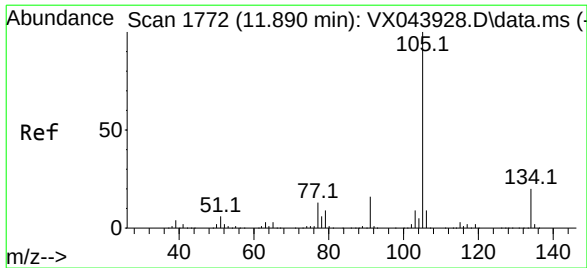
Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion:	105	Resp:	299186
Ion Ratio	Lower	Upper	
105	100		
120	42.8	21.9	65.7





#85

sec-Butylbenzene

Concen: 53.293 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 360460

Ion Ratio Lower Upper

105 100

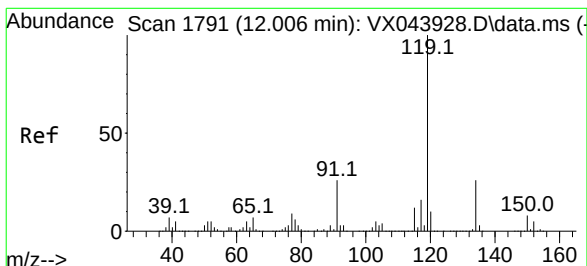
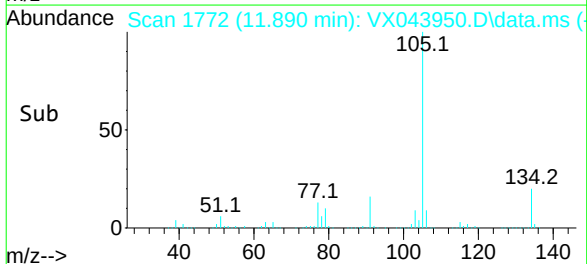
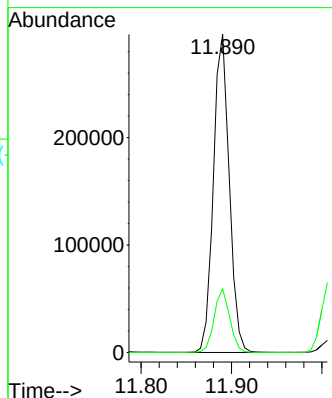
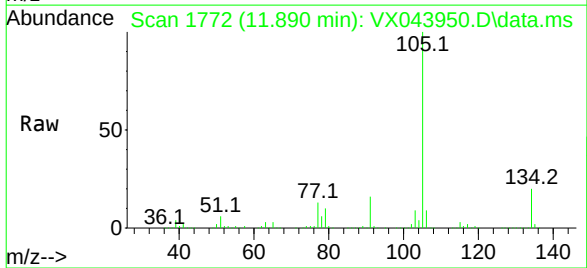
134 19.7 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#86

p-Isopropyltoluene

Concen: 55.361 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

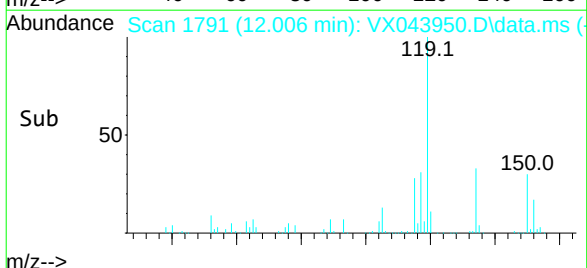
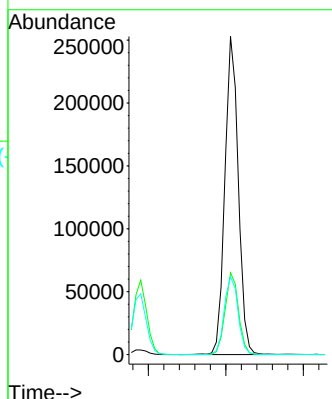
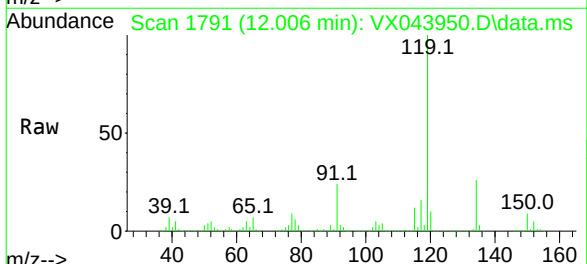
Tgt Ion:119 Resp: 304159

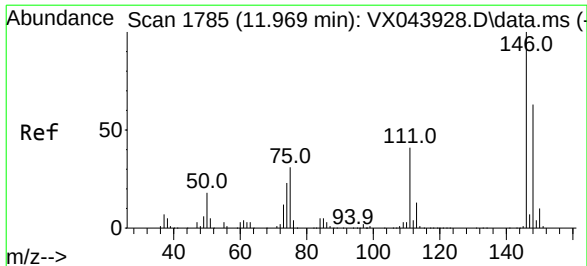
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 25.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 52.089 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 153209

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

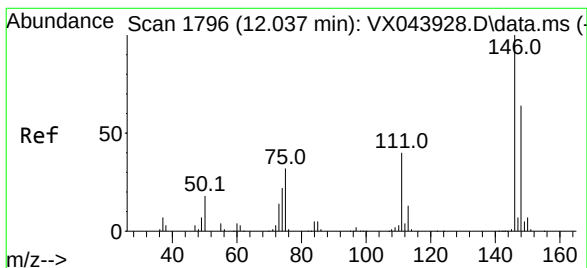
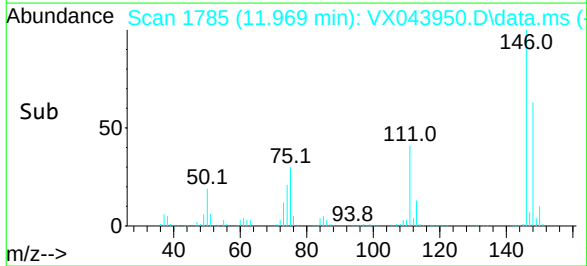
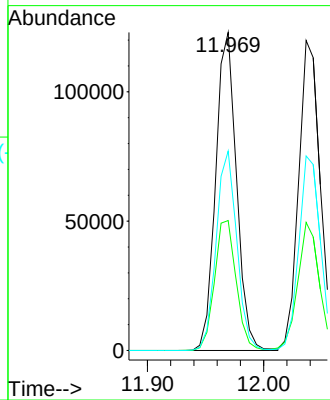
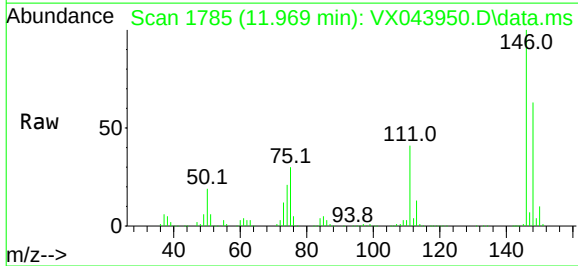
148 62.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#88

1,4-Dichlorobenzene

Concen: 51.511 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

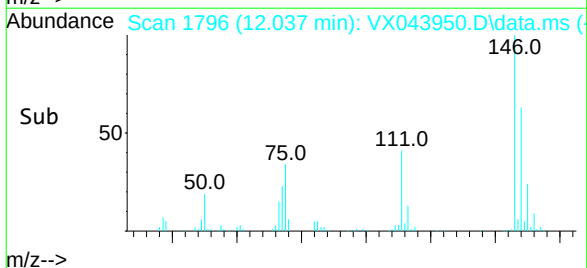
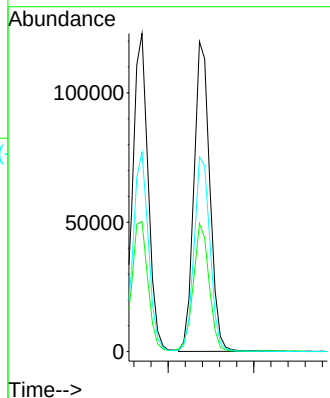
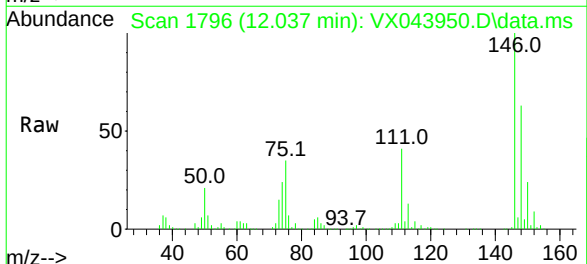
Tgt Ion:146 Resp: 154469

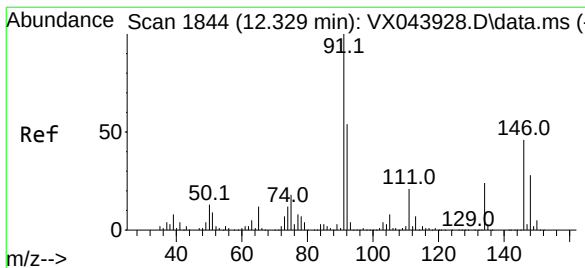
Ion Ratio Lower Upper

146 100

111 41.2 20.1 60.3

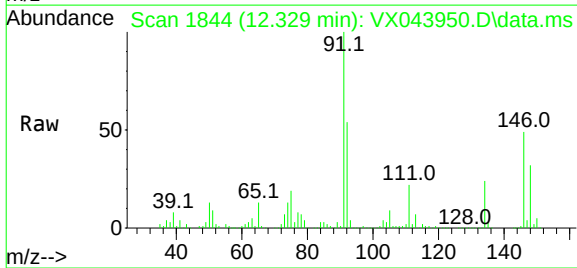
148 63.4 30.9 92.8





#89
n-Butylbenzene
Concen: 55.414 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

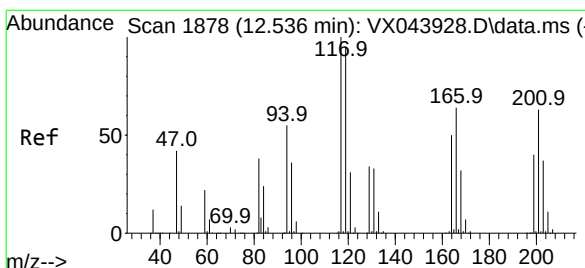
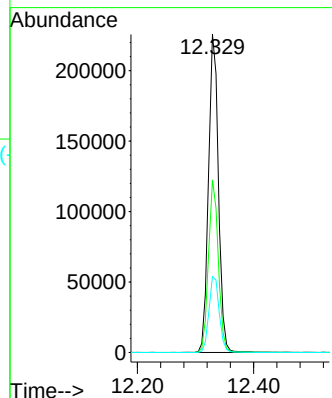
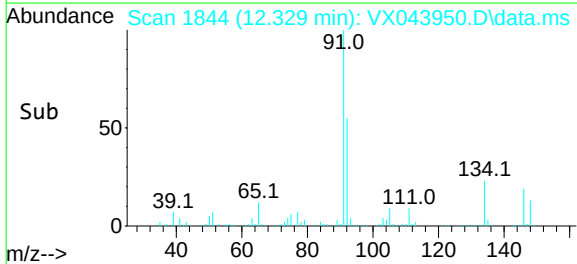
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 268422
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 24.8 12.4 37.2

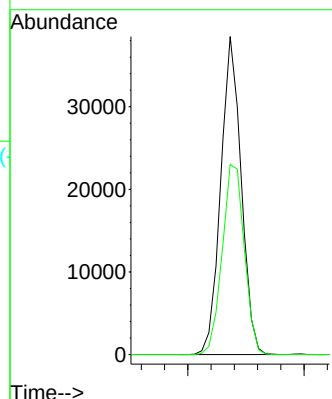
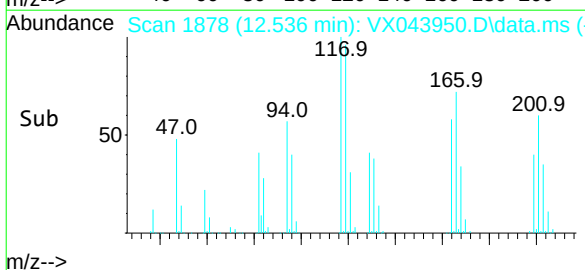
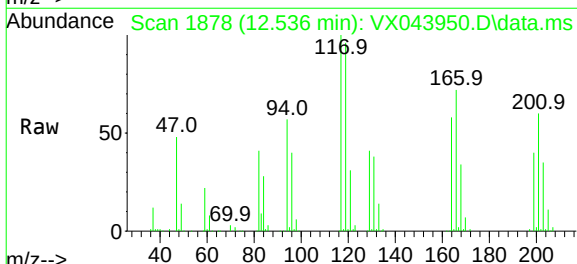
Manual Integrations
APPROVED

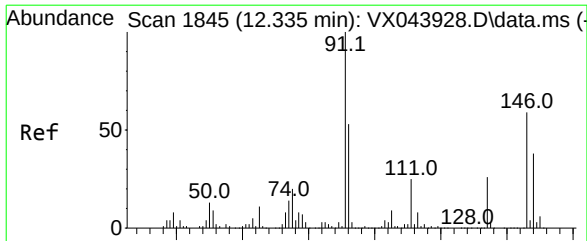
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 50.336 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

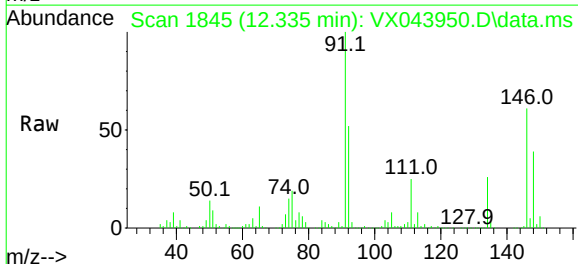
Tgt Ion:117 Resp: 47025
Ion Ratio Lower Upper
117 100
201 64.6 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 52.281 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

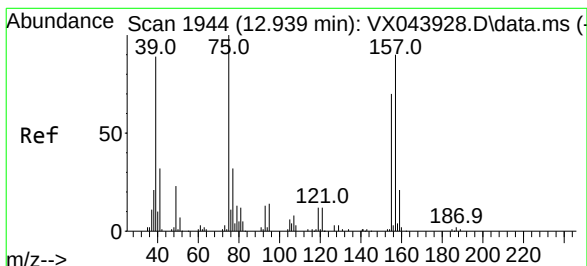
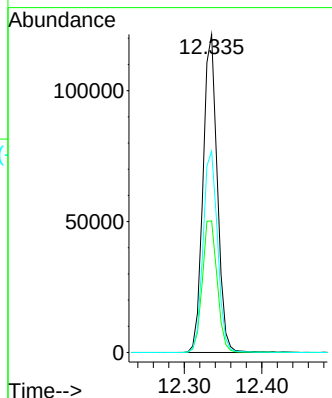
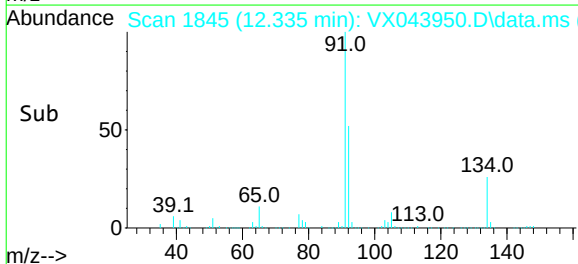
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 155184
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 64.5 31.9 95.5

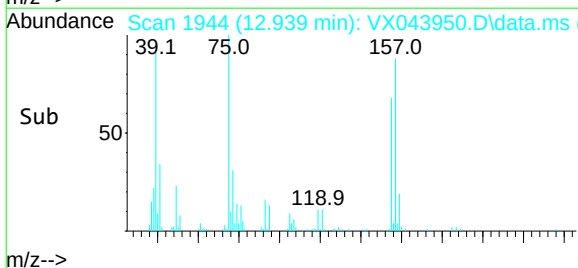
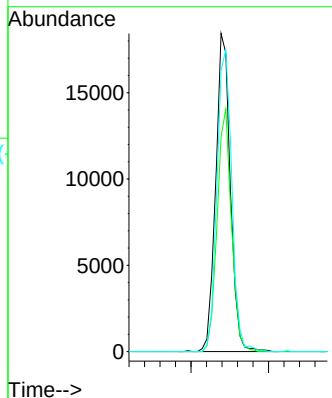
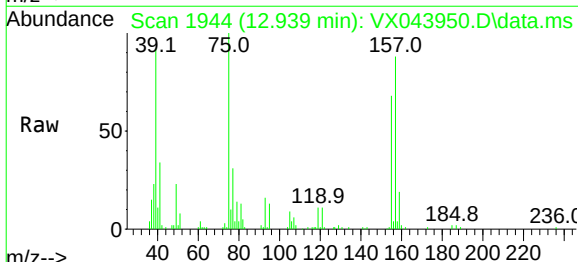
Manual Integrations
APPROVED

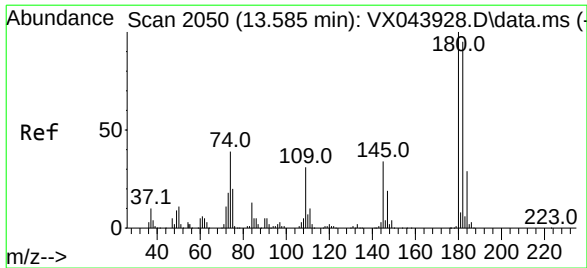
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.076 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043950.D
Acq: 22 Nov 2024 11:22

Tgt Ion: 75 Resp: 24188
Ion Ratio Lower Upper
75 100
155 74.3 40.1 120.2
157 96.2 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 54.252 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

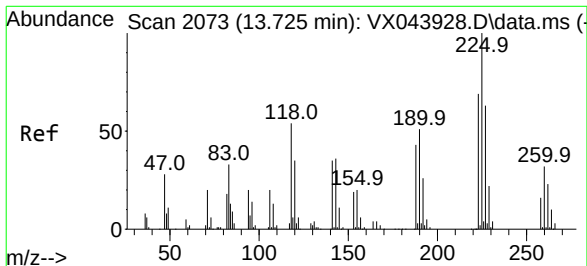
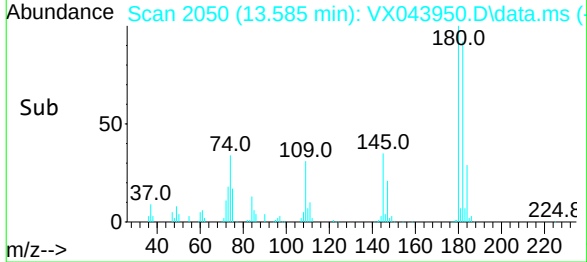
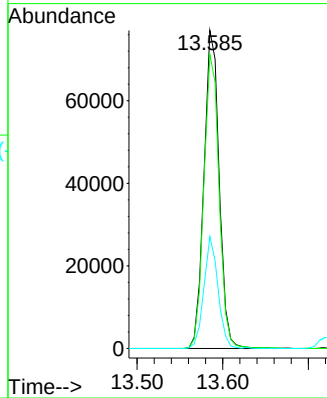
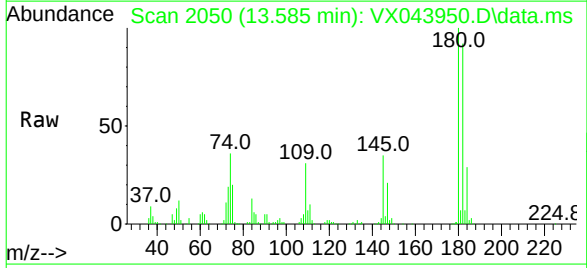
Tgt Ion:	180	Resp:	94940
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.0	144.2
145	32.8	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 51.785 ug/l

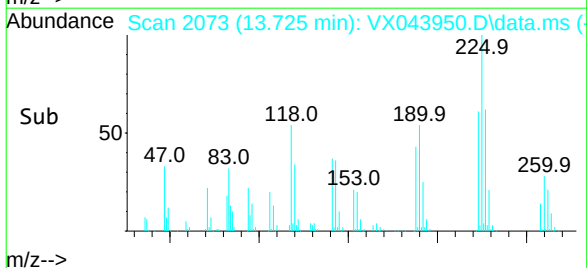
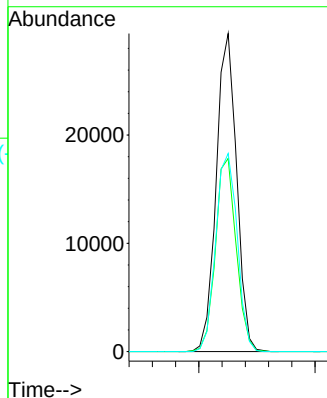
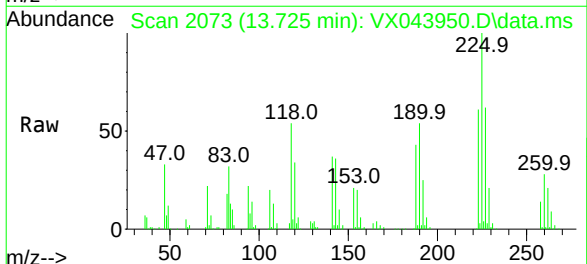
RT: 13.725 min Scan# 2073

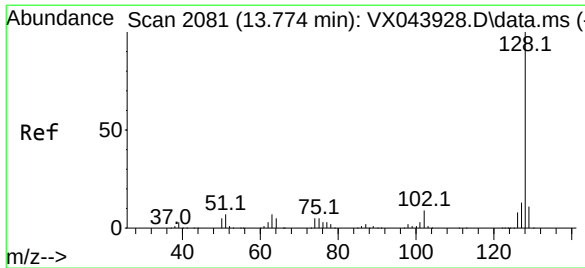
Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion:	225	Resp:	35816
Ion Ratio	Lower	Upper	
225	100		
223	61.7	32.9	98.6
227	65.7	31.6	94.8





#95

Naphthalene

Concen: 55.215 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

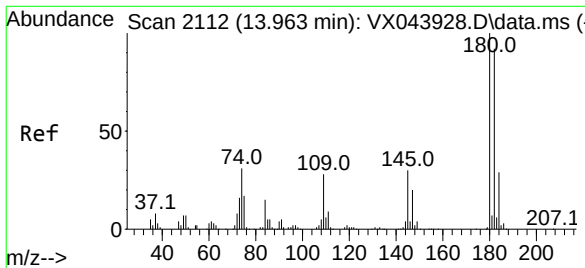
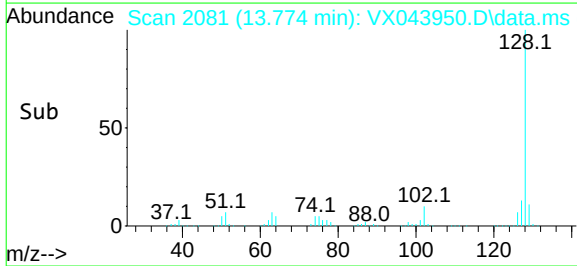
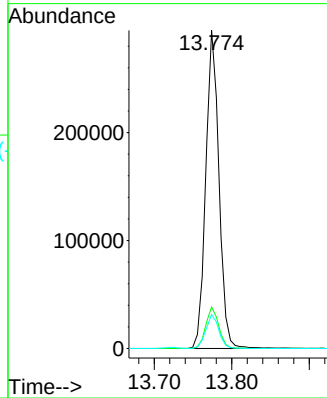
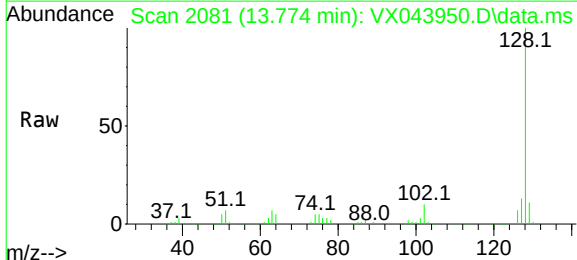
Tgt Ion:	128	Resp:	347826
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 55.041 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX043950.D

Acq: 22 Nov 2024 11:22

Tgt Ion:	180	Resp:	97491
Ion	Ratio	Lower	Upper
180	100		
182	94.5	45.6	136.8
145	34.8	16.4	49.4

