

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044946.D
 Acq On : 12 Feb 2025 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

Quant Time: Feb 13 00:55:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77052	48.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	5.379	113	60687	46.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	8.647	98	223161	45.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.360%		
62) 4-Bromofluorobenzene	11.079	95	79430	48.224	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72084	47.359	ug/l	98
3) Chloromethane	1.300	50	87475	47.220	ug/l	98
4) Vinyl Chloride	1.374	62	81080	45.178	ug/l	99
5) Bromomethane	1.593	94	27426	51.069	ug/l	96
6) Chloroethane	1.666	64	44034	68.385	ug/l	98
7) Trichlorofluoromethane	1.874	101	109884	48.416	ug/l	99
8) Diethyl Ether	2.130	74	39489	47.977	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	63924	46.617	ug/l	99
10) Methyl Iodide	2.447	142	87583	49.282	ug/l	97
11) Tert butyl alcohol	2.977	59	68514	232.483	ug/l	99
12) 1,1-Dichloroethene	2.312	96	65314	46.694	ug/l	97
13) Acrolein	2.233	56	78133	256.964	ug/l	100
14) Allyl chloride	2.654	41	118054	46.700	ug/l	97
15) Acrylonitrile	3.062	53	202302	257.102	ug/l	99
16) Acetone	2.380	43	164755	257.987	ug/l	97
17) Carbon Disulfide	2.501	76	164956	43.006	ug/l	99
18) Methyl Acetate	2.703	43	106621	52.907	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	214786	48.262	ug/l	100
20) Methylene Chloride	2.782	84	74373	47.546	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	65906	47.873	ug/l	93
22) Diisopropyl ether	3.757	45	238141	49.794	ug/l	99
23) Vinyl Acetate	3.715	43	961245	246.538	ug/l	99
24) 1,1-Dichloroethane	3.605	63	129256	48.302	ug/l	98
25) 2-Butanone	4.556	43	271094	261.422	ug/l	97
26) 2,2-Dichloropropane	4.471	77	88768	41.829	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	80240	48.523	ug/l	98
28) Bromochloromethane	4.891	49	58978	45.861	ug/l	99
29) Tetrahydrofuran	5.001	42	179030	259.995	ug/l	99
30) Chloroform	5.086	83	127059	48.960	ug/l	100
31) Cyclohexane	5.458	56	113766	46.115	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	105575	47.962	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87398	46.885	ug/l	100
37) Ethyl Acetate	4.708	43	103482	49.909	ug/l	99
38) Carbon Tetrachloride	5.666	117	86813	47.524	ug/l	98
39) Methylcyclohexane	7.373	83	112061	46.499	ug/l	95
40) Benzene	6.031	78	280015	48.106	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59722	53.812	ug/l	98
42) 1,2-Dichloroethane	6.080	62	94923	51.167	ug/l	99
43) Isopropyl Acetate	6.336	43	169437	50.605	ug/l	99
44) Trichloroethene	7.117	130	61715	46.385	ug/l	98
45) 1,2-Dichloropropane	7.427	63	70100	48.407	ug/l	97
46) Dibromomethane	7.580	93	49903	49.691	ug/l	98
47) Bromodichloromethane	7.818	83	96846	49.803	ug/l	97
48) Methyl methacrylate	7.690	41	82133	52.025	ug/l	99
49) 1,4-Dioxane	7.659	88	32859	970.105	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	548124	269.277	ug/l	99
52) Toluene	8.714	92	169085	48.775	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92960	47.240	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	105250	47.971	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	66760	50.097	ug/l	98
56) Ethyl methacrylate	9.116	69	110282	51.239	ug/l	98
57) 1,3-Dichloropropane	9.305	76	114977	49.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	274468	259.716	ug/l	100
59) 2-Hexanone	9.427	43	407121	277.591	ug/l	97
60) Dibromochloromethane	9.519	129	70163	49.231	ug/l	99
61) 1,2-Dibromoethane	9.604	107	67019	49.619	ug/l	99
64) Tetrachloroethene	9.269	164	52500	46.552	ug/l	95
65) Chlorobenzene	10.073	112	182243	47.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58380	47.222	ug/l	99
67) Ethyl Benzene	10.189	91	321600	47.447	ug/l	99
68) m/p-Xylenes	10.299	106	239927	95.958	ug/l	99
69) o-Xylene	10.640	106	119184	47.505	ug/l	100
70) Styrene	10.652	104	200646	49.640	ug/l	98
71) Bromoform	10.799	173	44310	48.025	ug/l #	100
73) Isopropylbenzene	10.957	105	307260	47.243	ug/l	99
74) N-amyl acetate	10.841	43	146530	49.788	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	104911	46.942	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86294m	48.185	ug/l	
77) Bromobenzene	11.195	156	69858	47.377	ug/l	99
78) n-propylbenzene	11.299	91	359442	47.881	ug/l	100
79) 2-Chlorotoluene	11.360	91	213977	46.378	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	252288	47.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29523	42.406	ug/l	91
82) 4-Chlorotoluene	11.451	91	244793	47.958	ug/l	99
83) tert-Butylbenzene	11.713	119	253035	47.391	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	256030	49.150	ug/l	99
85) sec-Butylbenzene	11.890	105	320813	48.523	ug/l	99
86) p-Isopropyltoluene	12.006	119	258941	48.701	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	126325	46.587	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126465	46.128	ug/l	100
89) n-Butylbenzene	12.329	91	231584	49.233	ug/l	100
90) Hexachloroethane	12.536	117	45316	45.518	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	126735	47.556	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20041	49.133	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75475	46.804	ug/l	100
94) Hexachlorobutadiene	13.719	225	28958	45.235	ug/l	99
95) Naphthalene	13.774	128	284275	48.767	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	76278	46.943	ug/l	99

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

Manual Integrations

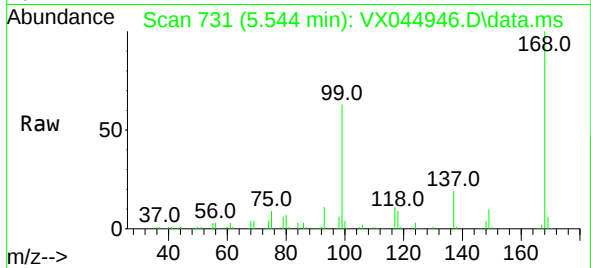
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044946.D
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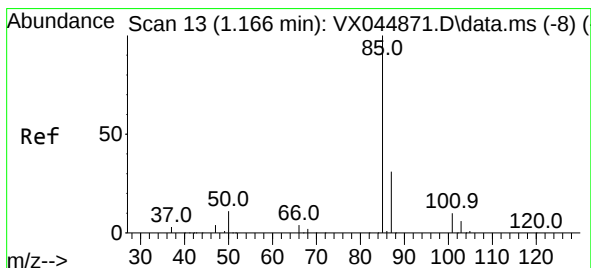
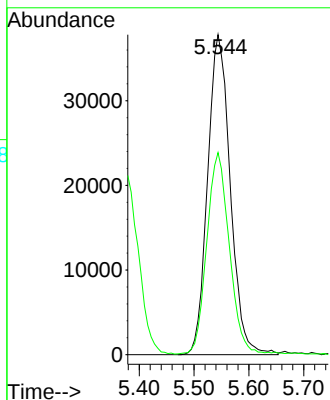
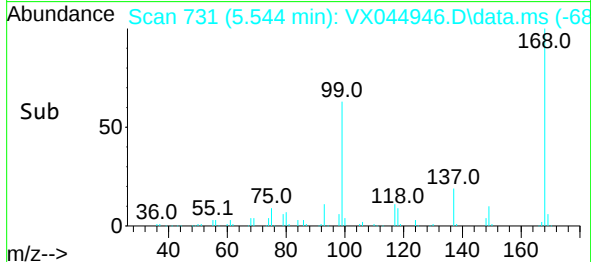
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10852
Ion Ratio Lower Upper
168 100
99 62.9 51.2 76.8

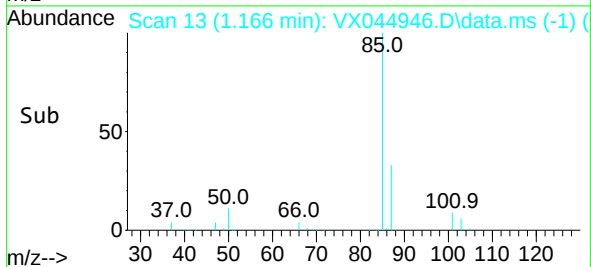
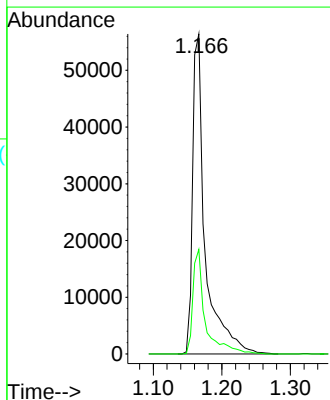
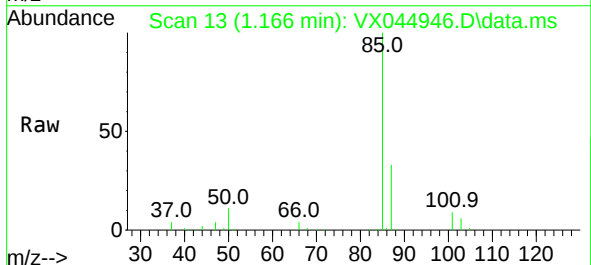
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Supervised By :Mahesh Dadoda 02/14/2025



#2
Dichlorodifluoromethane
Concen: 47.359 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

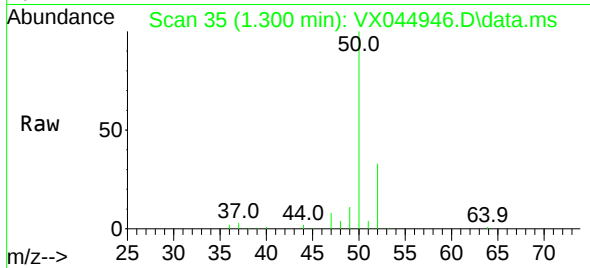
Tgt Ion: 85 Resp: 72084
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





#3
Chloromethane
Concen: 47.220 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

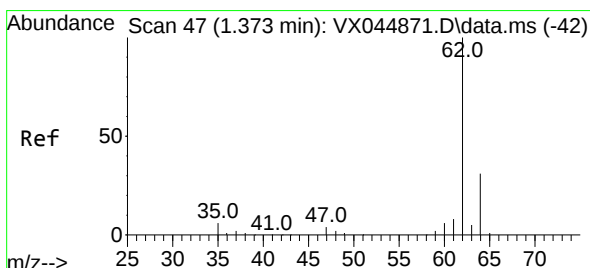
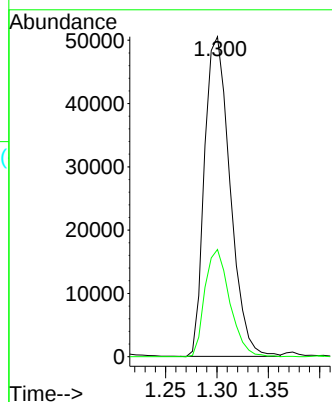
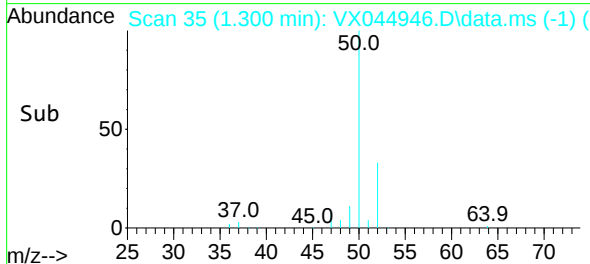
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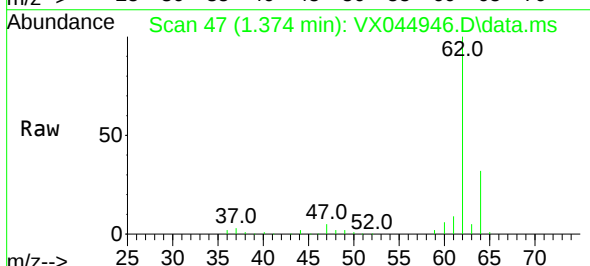
Tgt Ion: 50 Resp: 87475
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9

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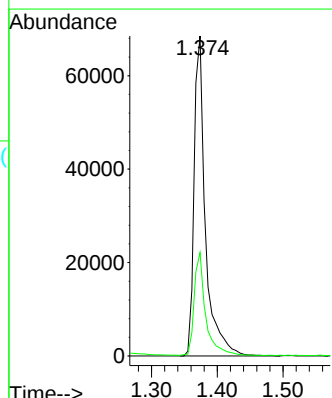
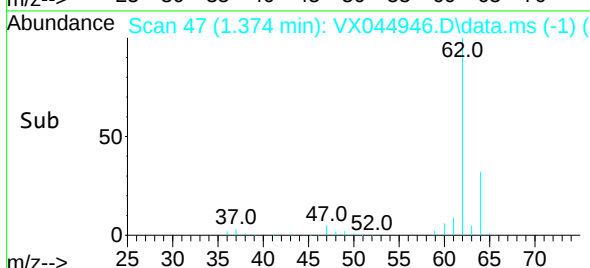
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#4
Vinyl Chloride
Concen: 45.178 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



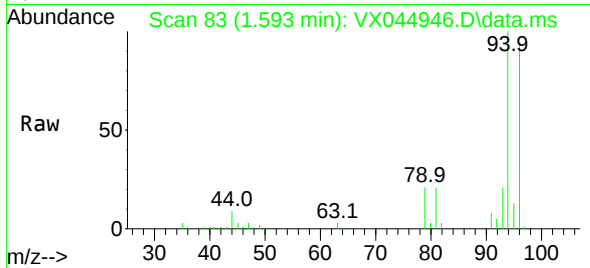
Tgt Ion: 62 Resp: 81080
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
 Bromomethane
 Concen: 51.069 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX044946.D
 Acq: 12 Feb 2025 20:11

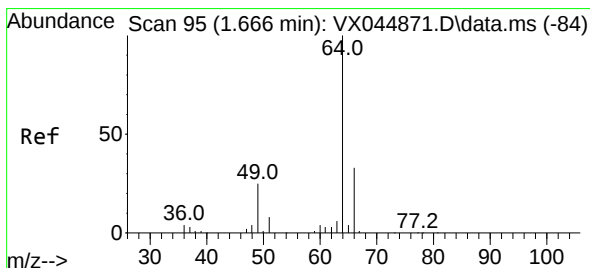
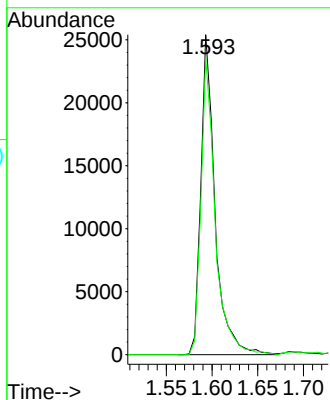
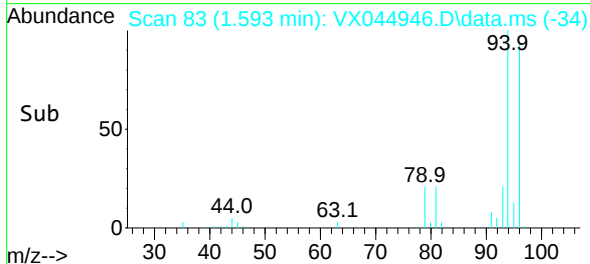
Instrument :
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Tgt Ion: 94 Resp: 27420
 Ion Ratio Lower Upper
 94 100
 96 92.8 71.6 107.4

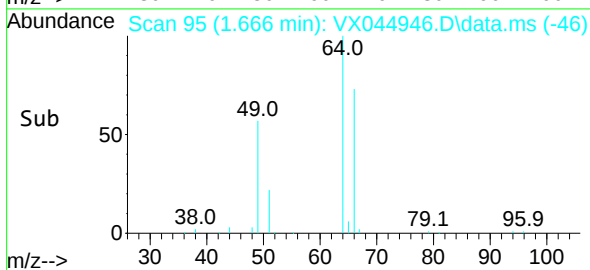
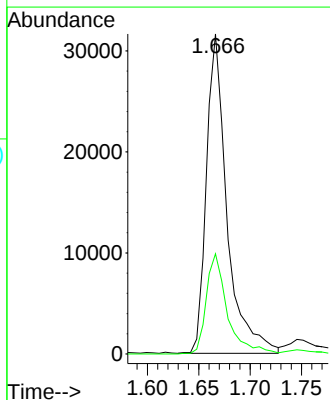
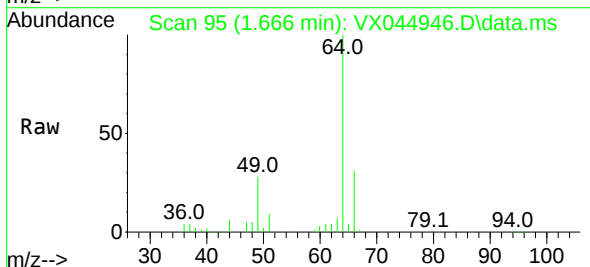
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#6
 Chloroethane
 Concen: 68.385 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX044946.D
 Acq: 12 Feb 2025 20:11

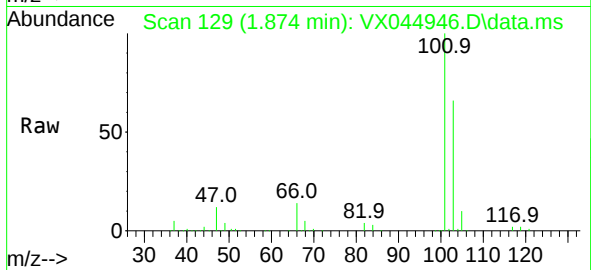
Tgt Ion: 64 Resp: 44034
 Ion Ratio Lower Upper
 64 100
 66 31.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 48.416 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

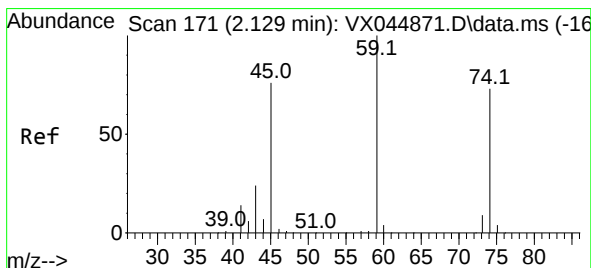
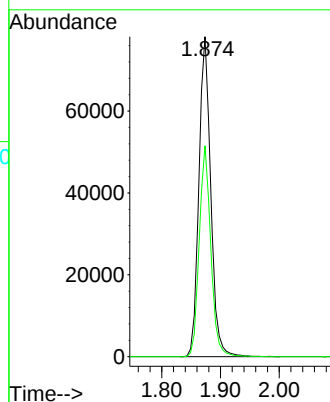
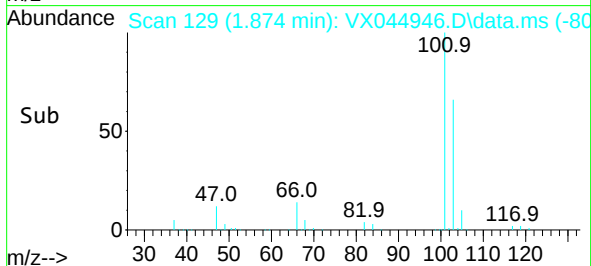
Instrument :
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Tgt Ion:101 Resp: 109884
Ion Ratio Lower Upper
101 100
103 65.9 52.4 78.6

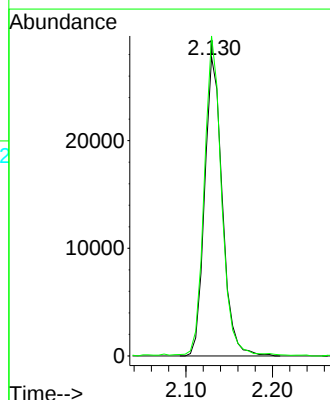
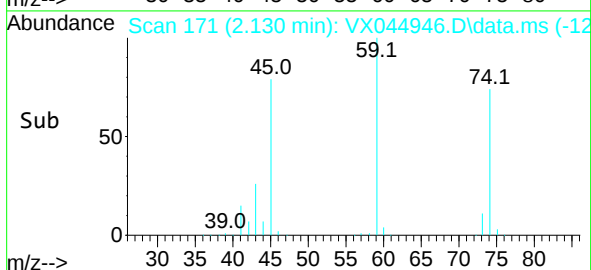
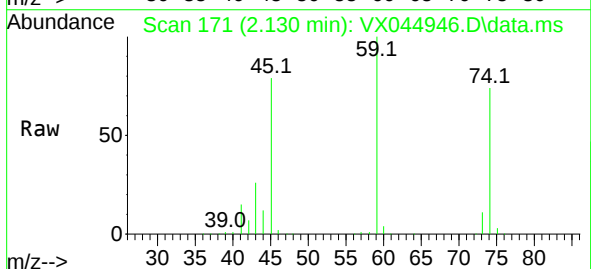
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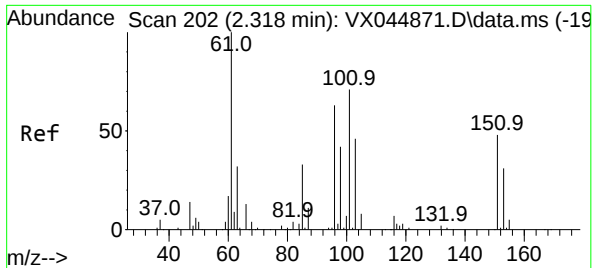
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#8
Diethyl Ether
Concen: 47.977 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion: 74 Resp: 39489
Ion Ratio Lower Upper
74 100
45 103.7 51.1 153.4





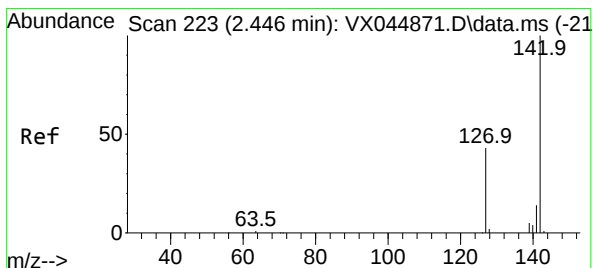
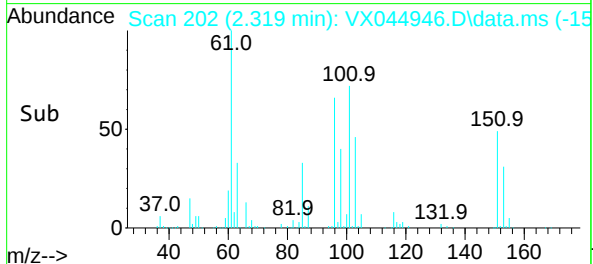
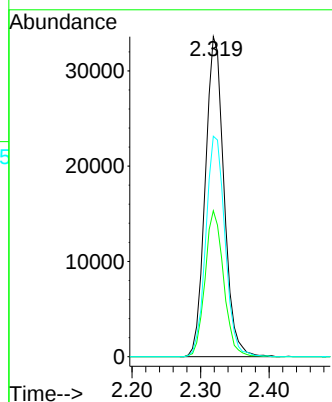
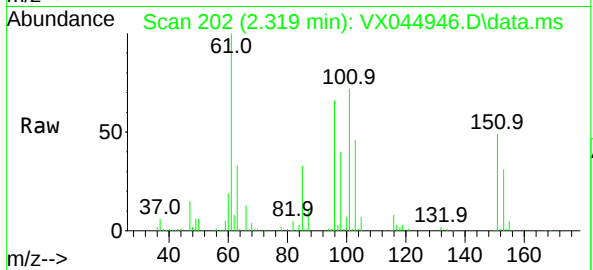
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.617 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044946.D
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Tgt Ion:101 Resp: 63924
Ion Ratio Lower Upper
101 100
85 45.2 35.7 53.5
151 70.7 56.0 84.0

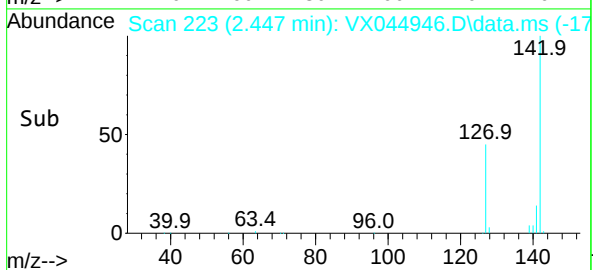
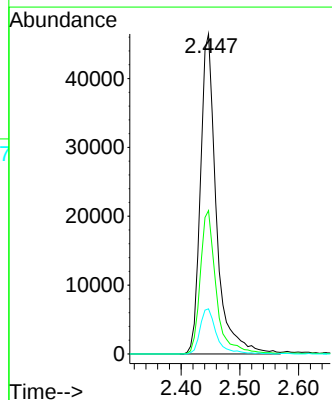
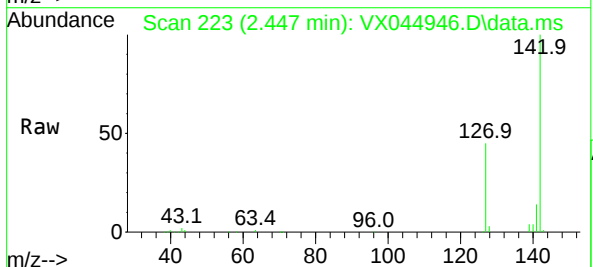
Manual Integrations
APPROVED

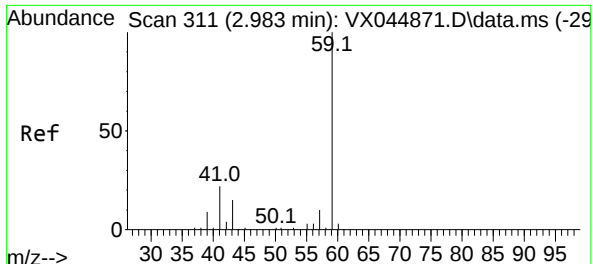
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 49.282 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion:142 Resp: 87583
Ion Ratio Lower Upper
142 100
127 45.0 34.3 51.5
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 232.483 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

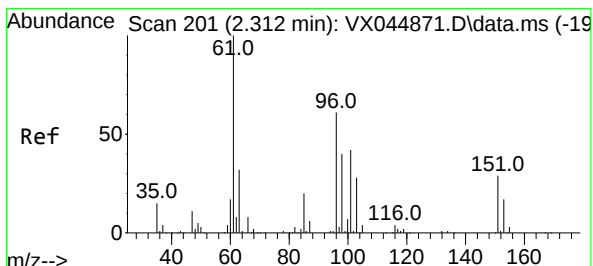
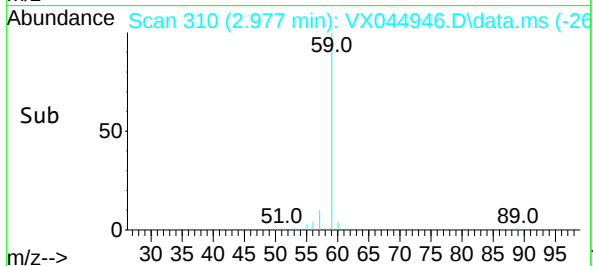
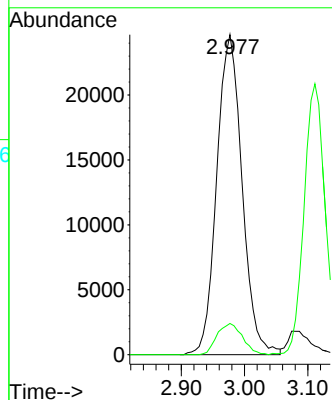
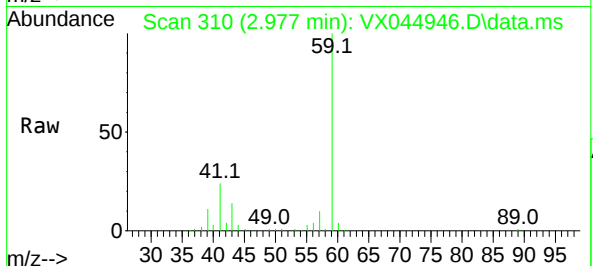
Tgt Ion: 59 Resp: 68514
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#12

1,1-Dichloroethene

Concen: 46.694 ug/l

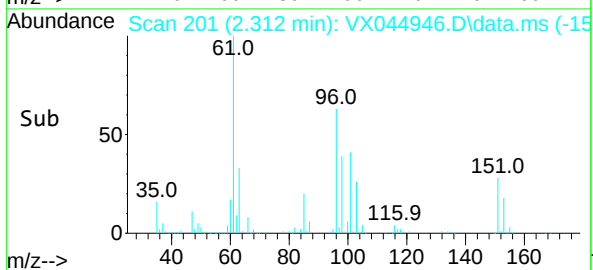
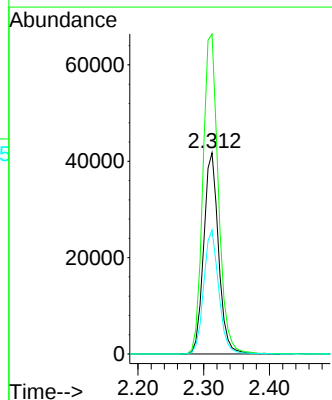
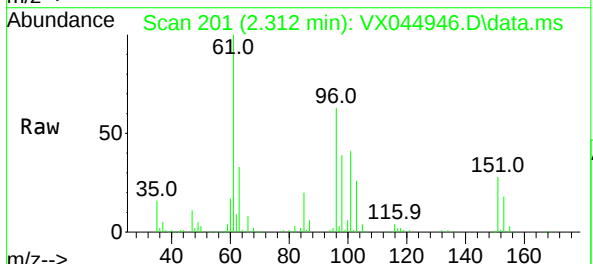
RT: 2.312 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

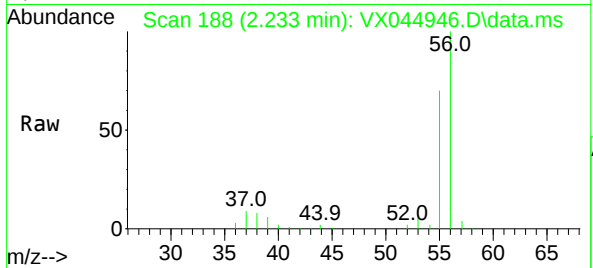
Tgt Ion: 96 Resp: 65314
 Ion Ratio Lower Upper
 96 100
 61 159.2 130.2 195.4
 98 61.6 52.2 78.4





#13
Acrolein
Concen: 256.964 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

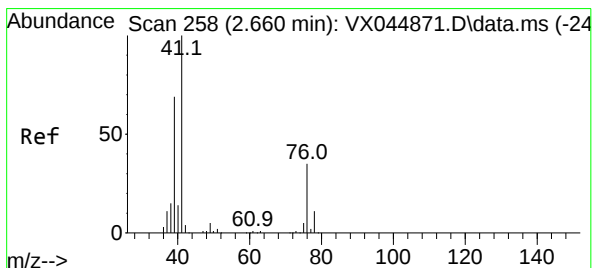
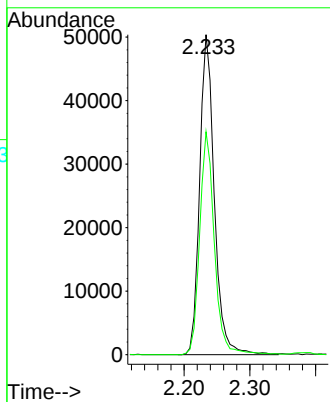
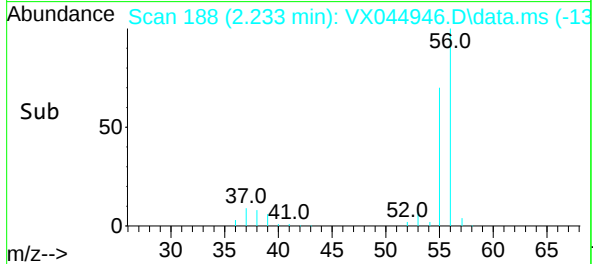
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7813
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5

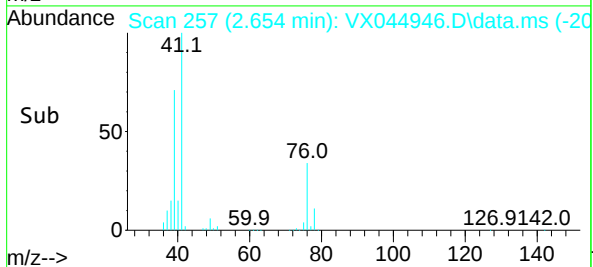
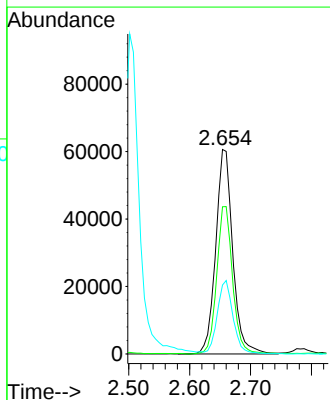
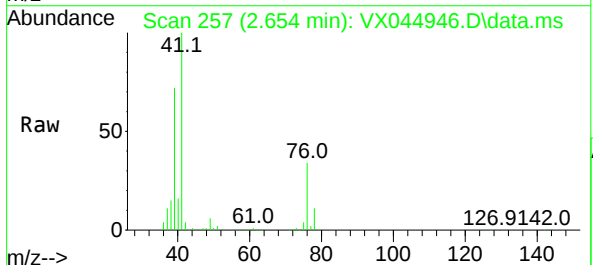
Manual Integrations
APPROVED

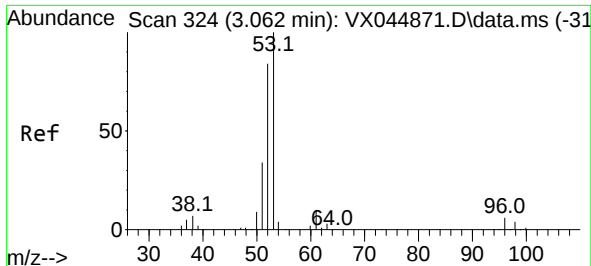
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 46.700 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

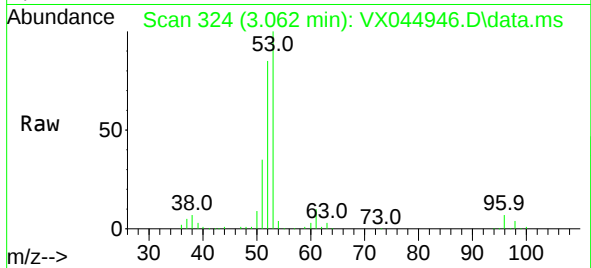
Tgt Ion: 41 Resp: 118054
Ion Ratio Lower Upper
41 100
39 67.4 51.4 77.2
76 33.1 27.0 40.4





#15
Acrylonitrile
Concen: 257.102 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

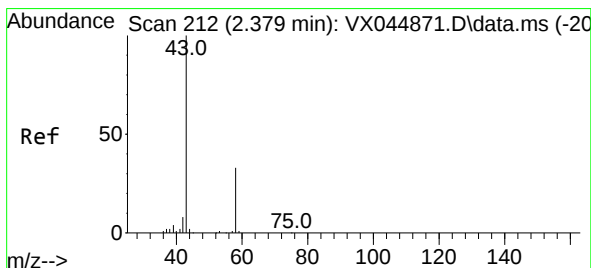
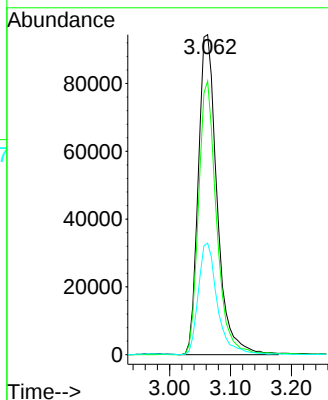
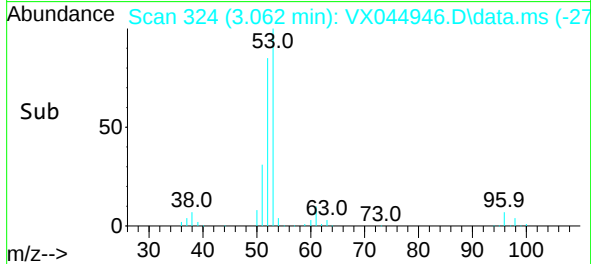
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 202302
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.6
51 35.3 28.0 42.0

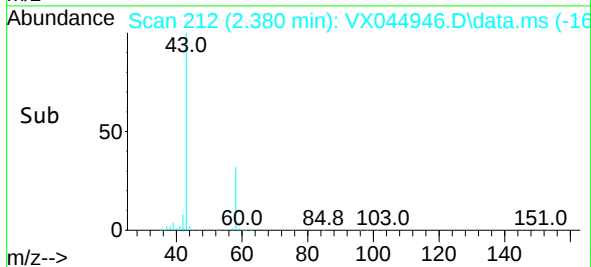
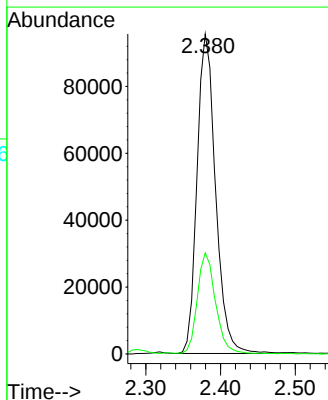
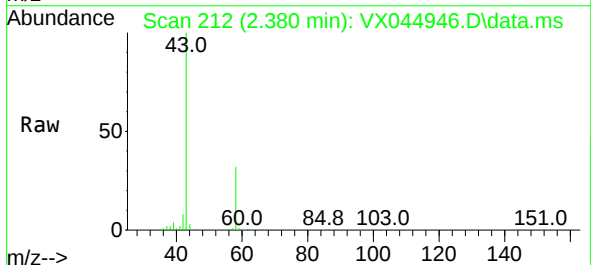
Manual Integrations
APPROVED

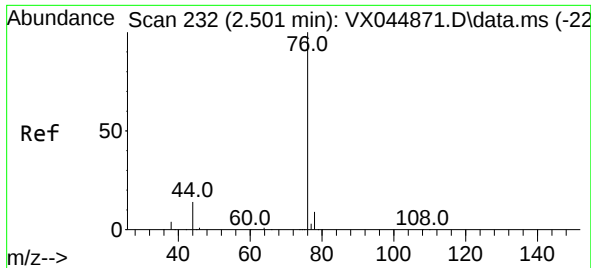
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#16
Acetone
Concen: 257.987 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

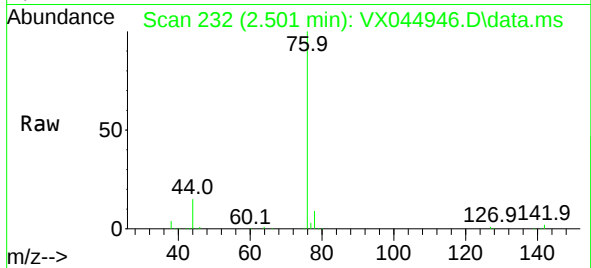
Tgt Ion: 43 Resp: 164755
Ion Ratio Lower Upper
43 100
58 31.6 26.5 39.7





#17
Carbon Disulfide
Concen: 43.006 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

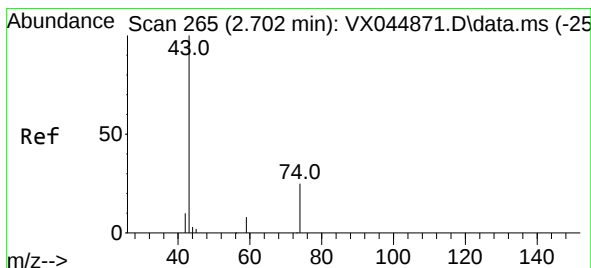
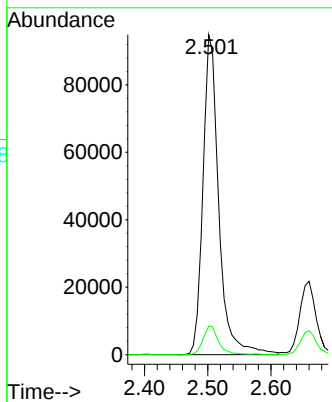
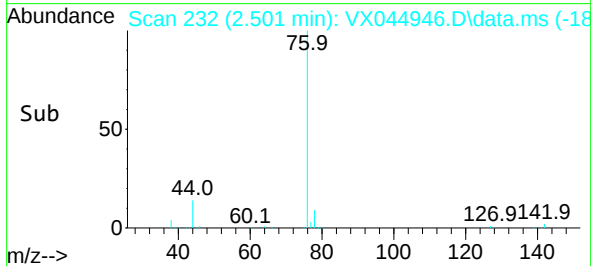
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



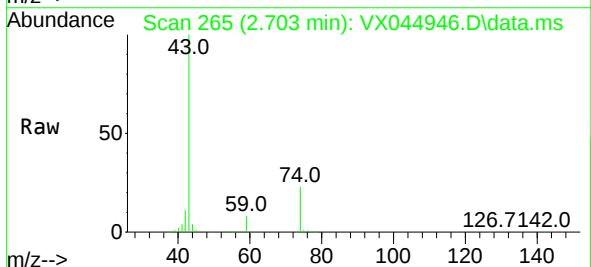
Tgt Ion: 76 Resp: 164950
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
APPROVED

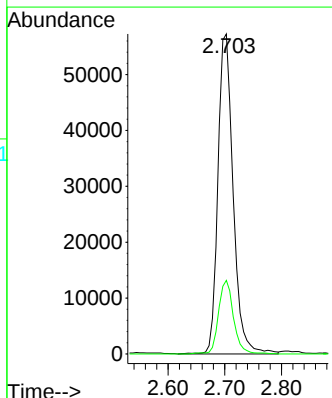
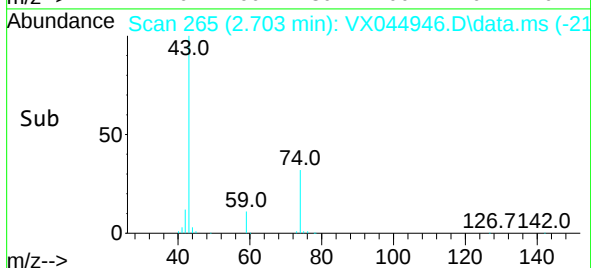
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

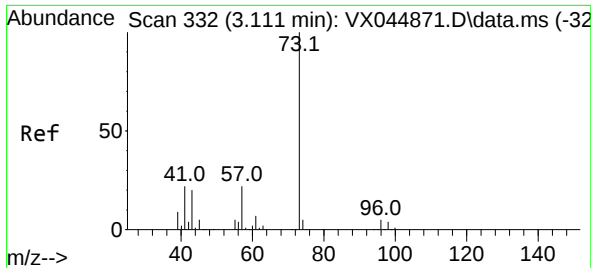


#18
Methyl Acetate
Concen: 52.907 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



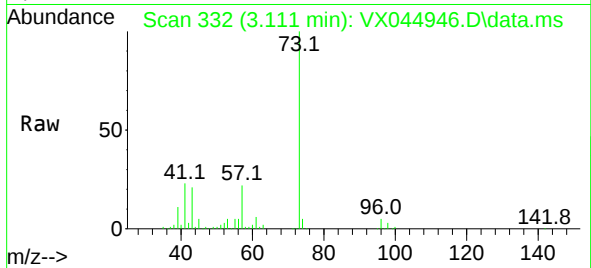
Tgt Ion: 43 Resp: 106621
Ion Ratio Lower Upper
43 100
74 22.7 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 48.262 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

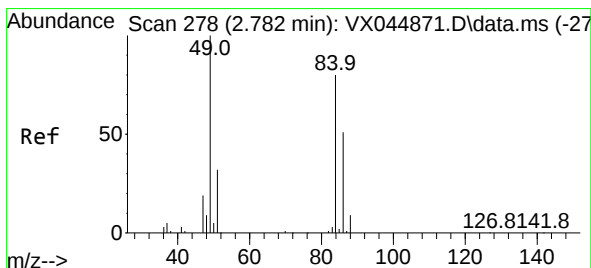
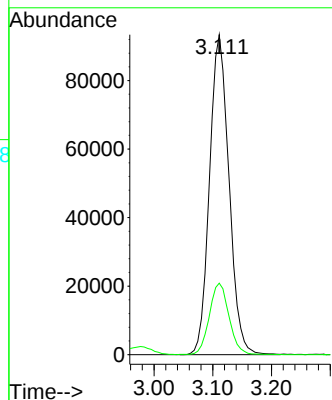
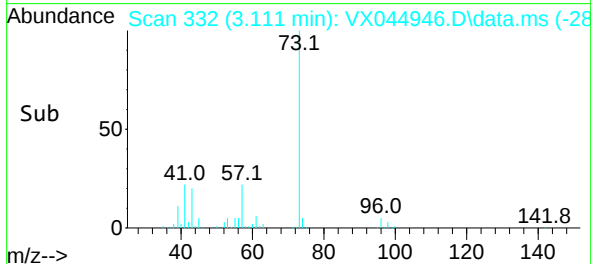
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 214780
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

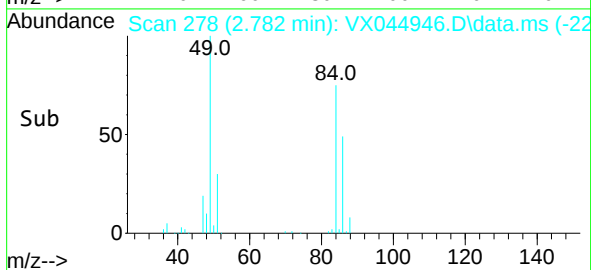
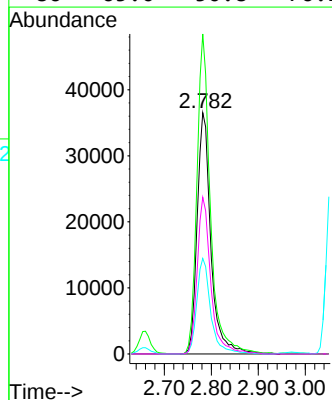
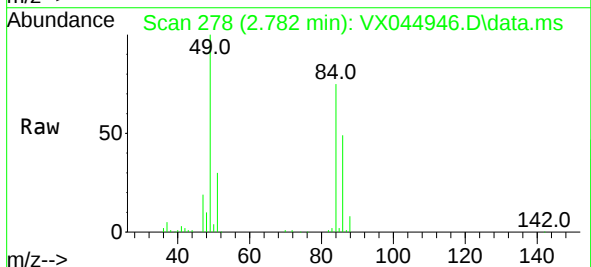
Manual Integrations
APPROVED

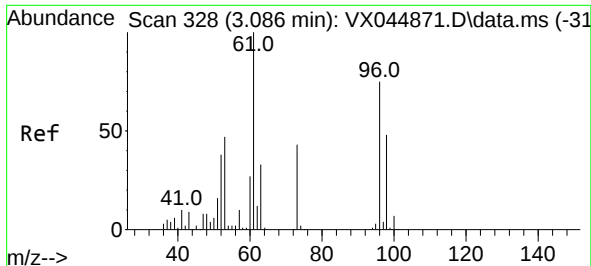
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 47.546 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

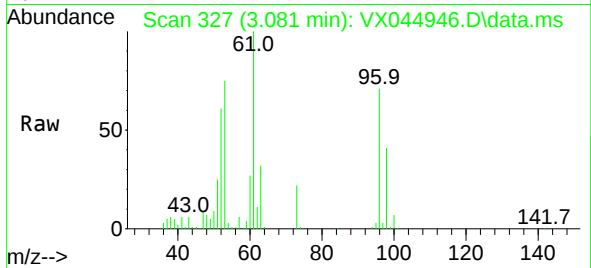
Tgt Ion: 84 Resp: 74373
Ion Ratio Lower Upper
84 100
49 132.7 100.1 150.1
51 39.6 31.7 47.5
86 65.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.873 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

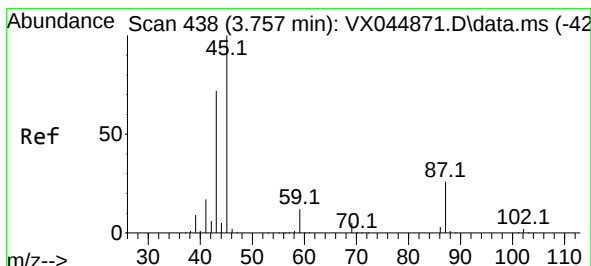
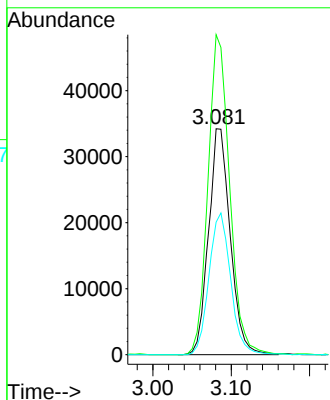
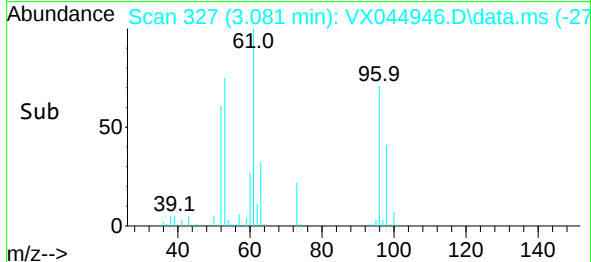
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 65900
Ion Ratio Lower Upper
96 100
61 141.7 106.0 159.0
98 58.7 50.6 76.0

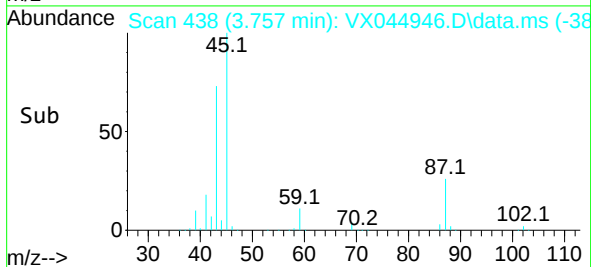
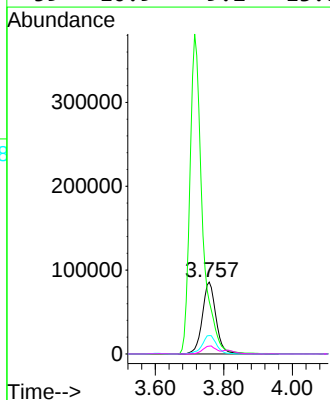
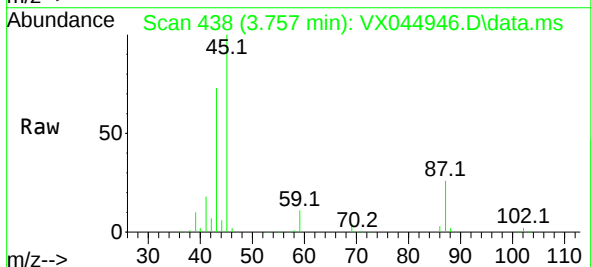
Manual Integrations
APPROVED

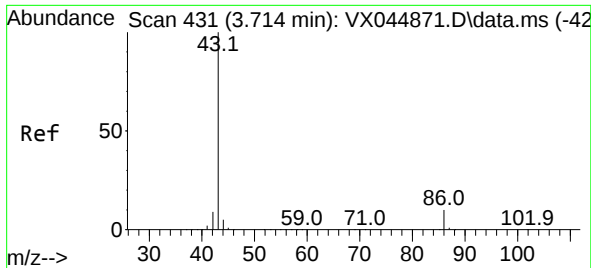
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#22
Diisopropyl ether
Concen: 49.794 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

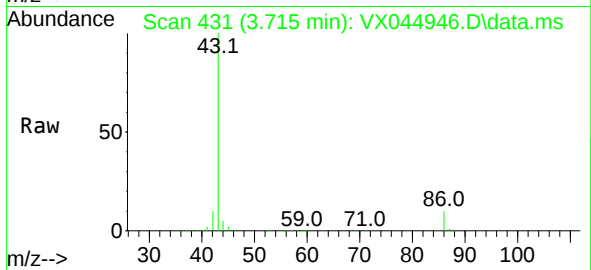
Tgt Ion: 45 Resp: 238141
Ion Ratio Lower Upper
45 100
43 73.1 58.0 87.0
87 25.6 20.7 31.1
59 10.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 246.538 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044946.D
 Acq: 12 Feb 2025 20:11

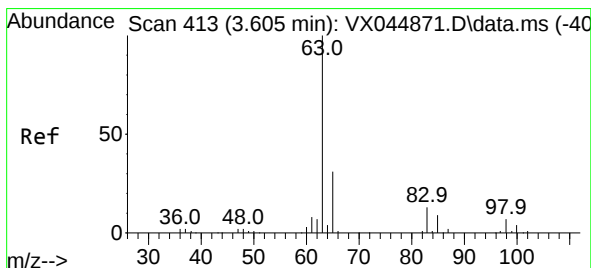
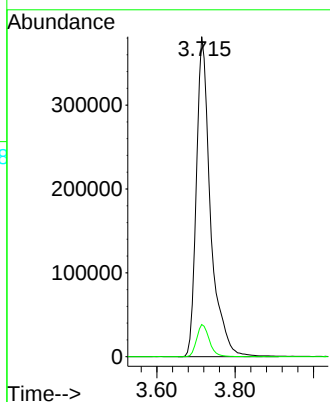
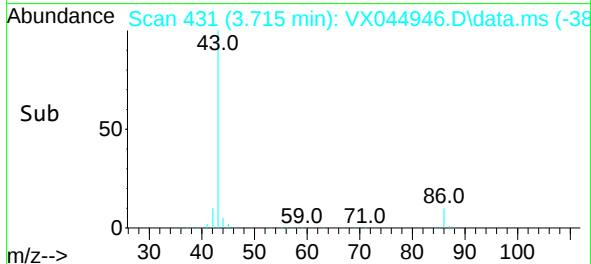
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



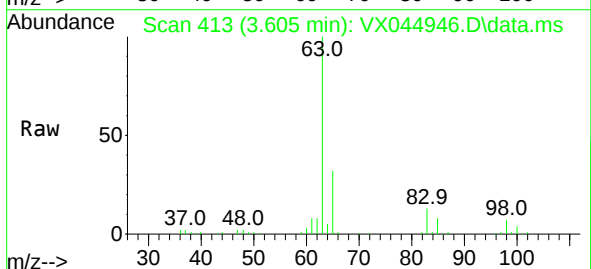
Tgt Ion: 43 Resp: 961245
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5

Manual Integrations
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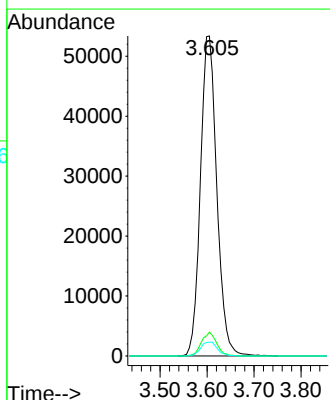
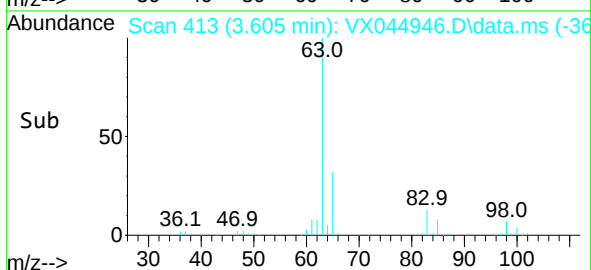
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

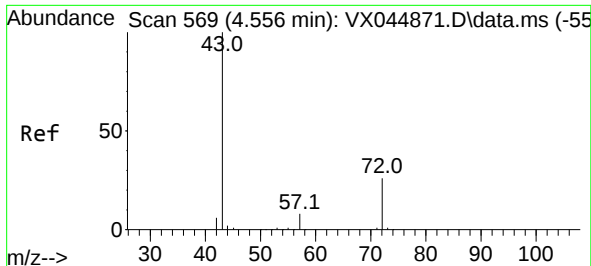


#24
 1,1-Dichloroethane
 Concen: 48.302 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044946.D
 Acq: 12 Feb 2025 20:11



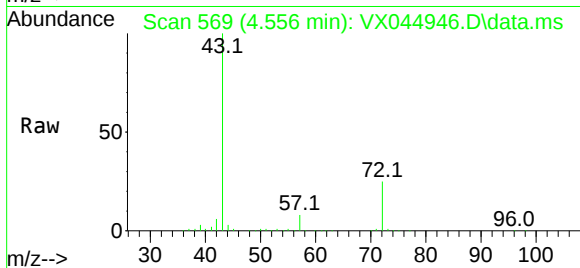
Tgt Ion: 63 Resp: 129256
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 261.422 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

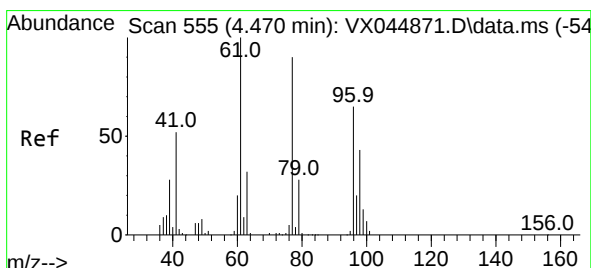
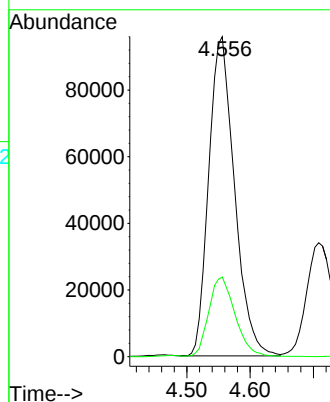
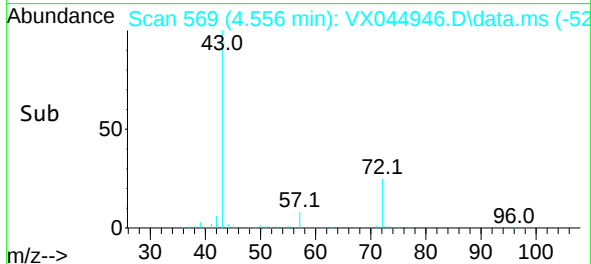
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 271094
Ion Ratio Lower Upper
43 100
72 24.7 21.2 31.8

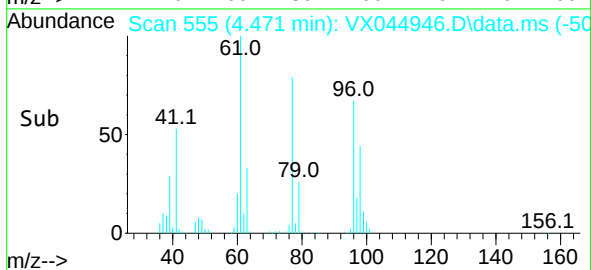
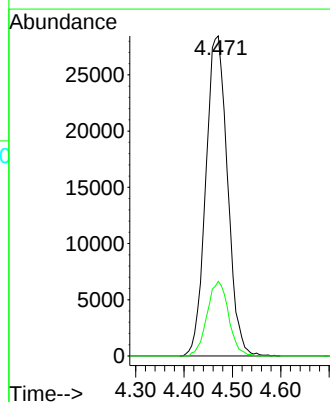
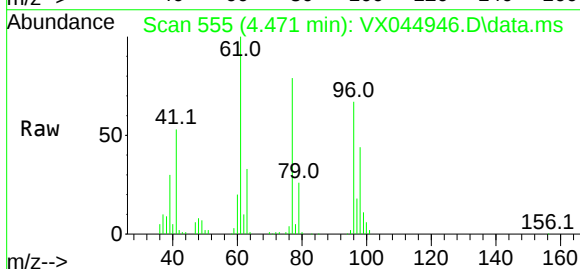
Manual Integrations
APPROVED

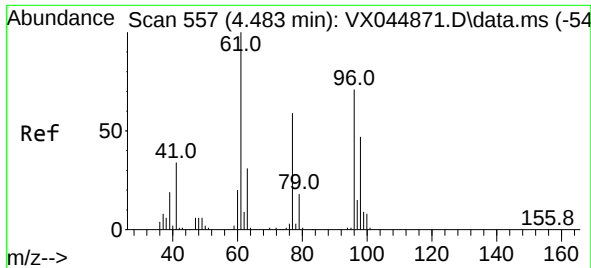
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 41.829 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion: 77 Resp: 88768
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.523 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 80240

Ion Ratio Lower Upper

96 100

61 144.9 0.0 294.0

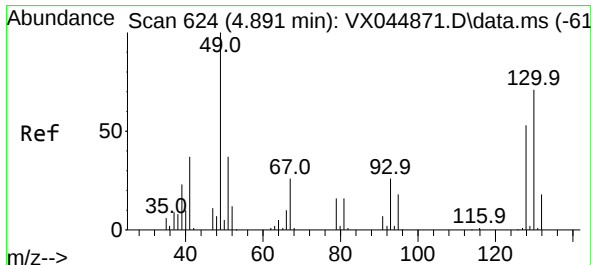
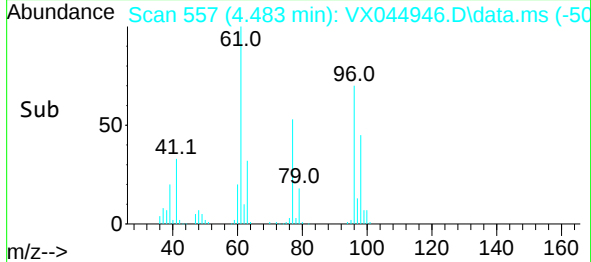
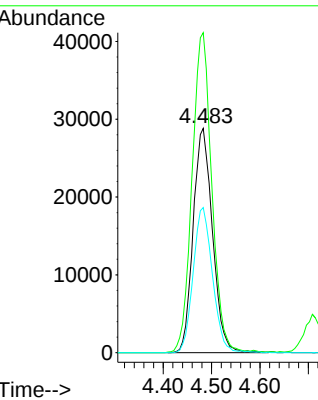
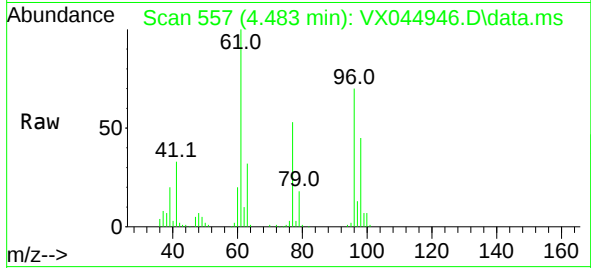
98 64.6 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 45.861 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

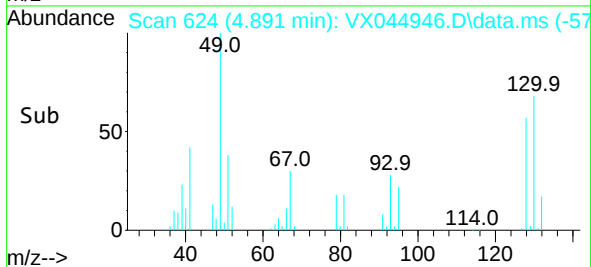
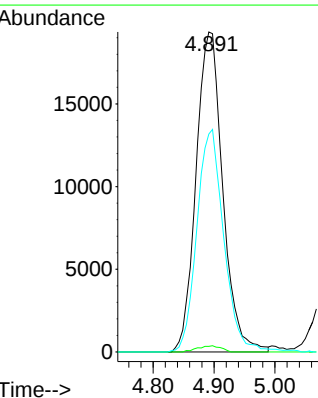
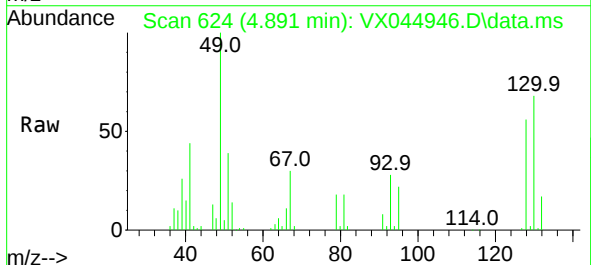
Tgt Ion: 49 Resp: 58978

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 70.4 56.7 85.1





#29

Tetrahydrofuran

Concen: 259.995 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 179030

Ion Ratio Lower Upper

42 100

72 43.4 35.0 52.4

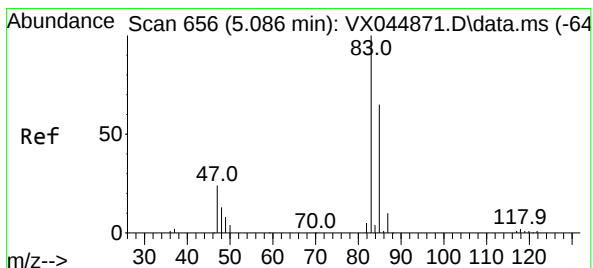
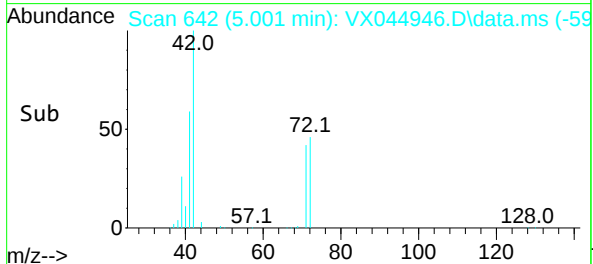
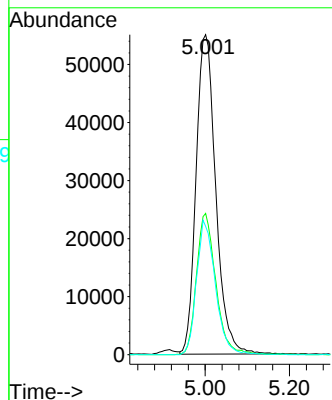
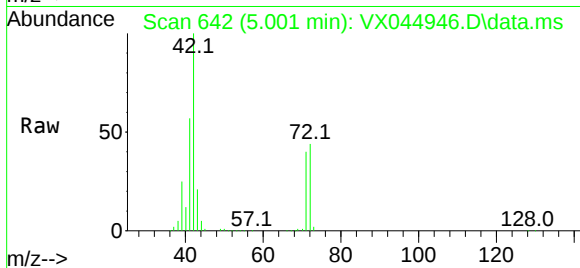
71 40.3 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 48.960 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044946.D

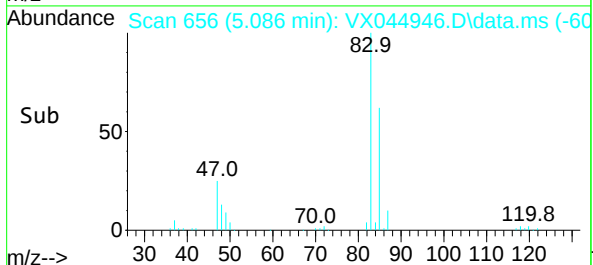
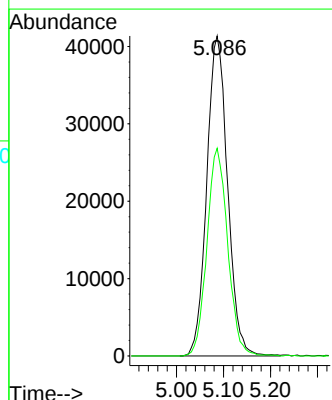
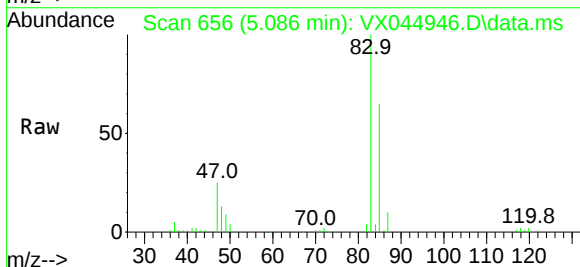
Acq: 12 Feb 2025 20:11

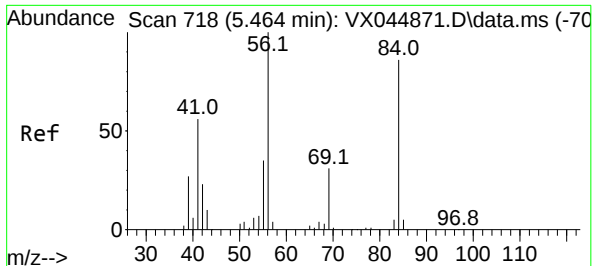
Tgt Ion: 83 Resp: 127059

Ion Ratio Lower Upper

83 100

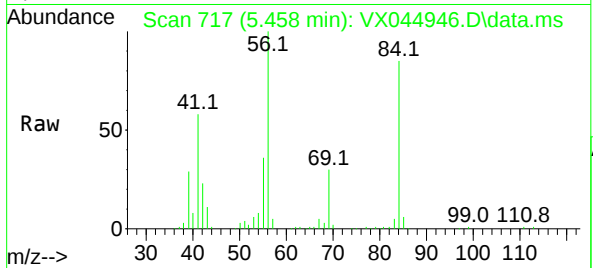
85 64.9 52.1 78.1





#31
Cyclohexane
Concen: 46.115 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

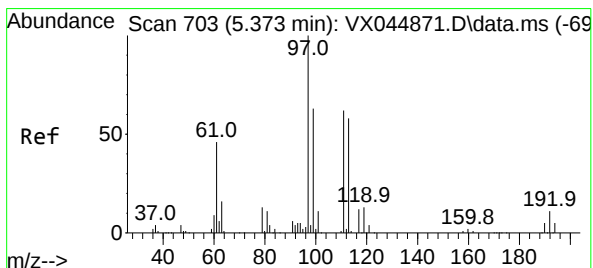
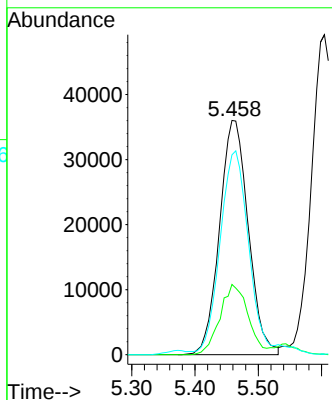
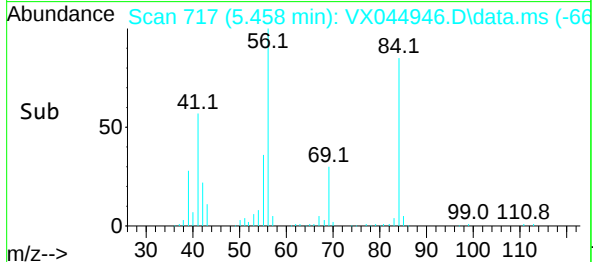
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



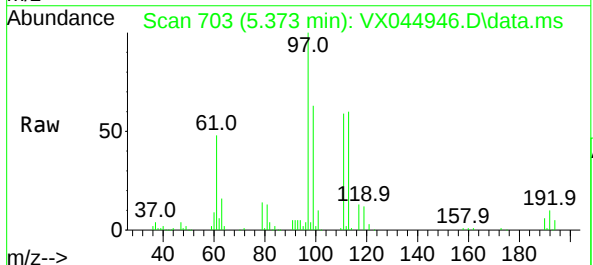
Tgt Ion: 56 Resp: 113760
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 83.4 69.0 103.6

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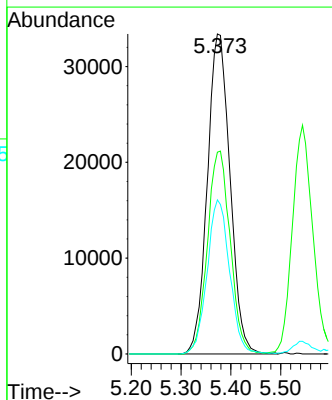
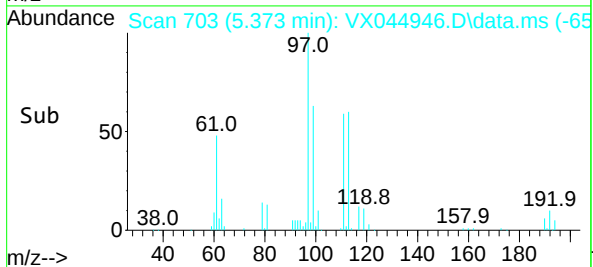
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

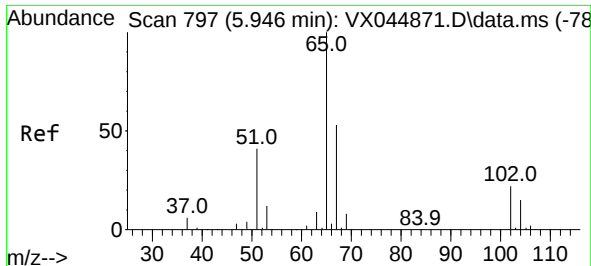


#32
1,1,1-Trichloroethane
Concen: 47.962 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion: 97 Resp: 105575
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 47.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.504 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 77052

Ion Ratio Lower Upper

65 100

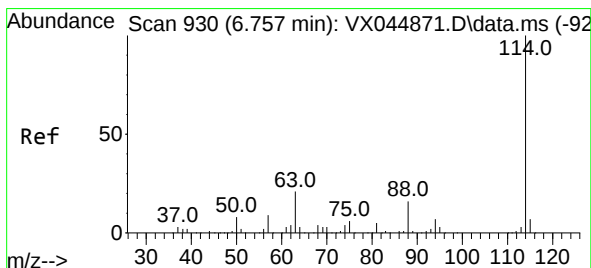
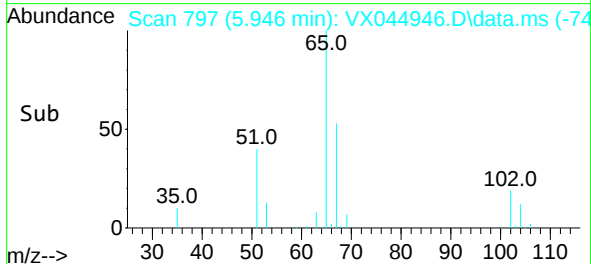
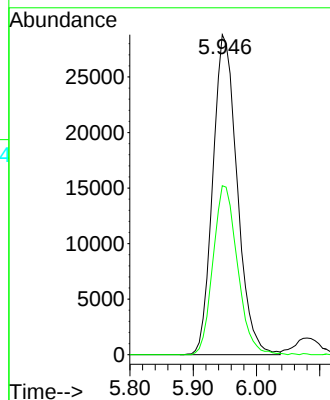
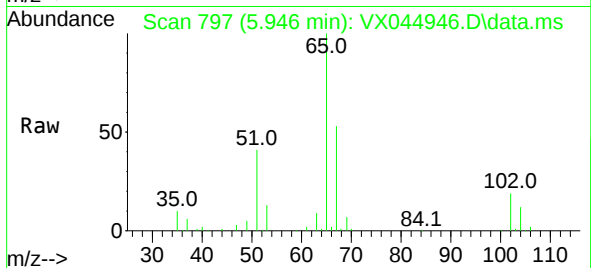
67 52.9 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

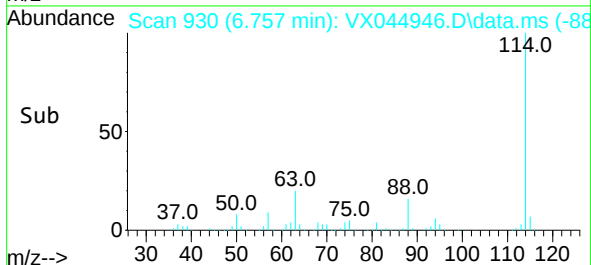
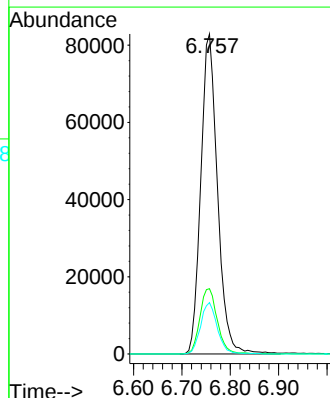
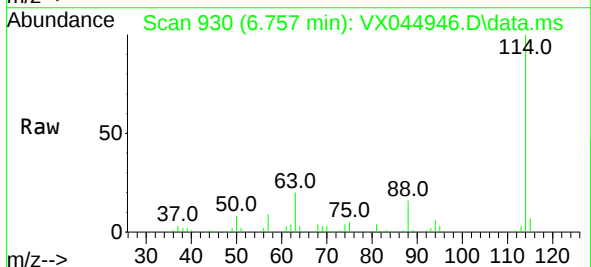
Tgt Ion:114 Resp: 198728

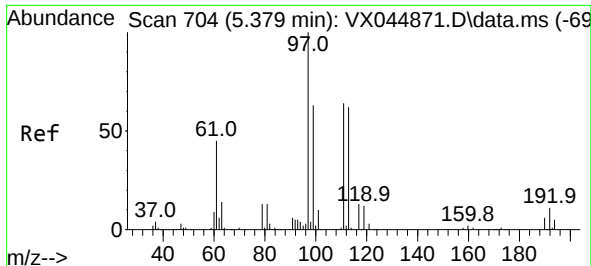
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

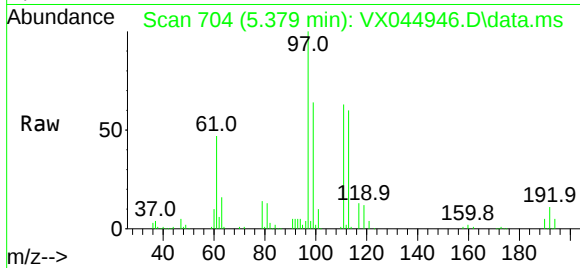
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

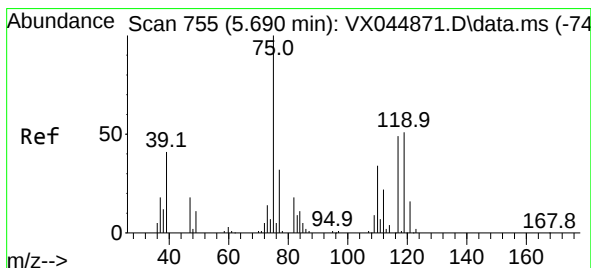
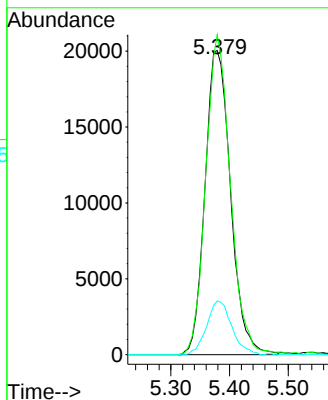
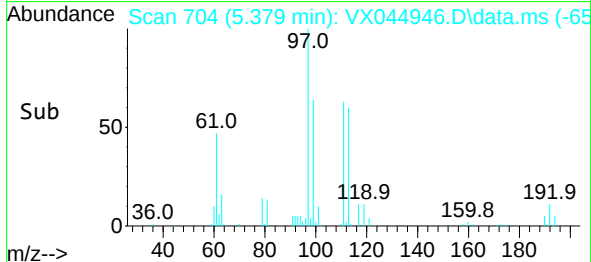
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6068
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 17.3 14.4 21.6

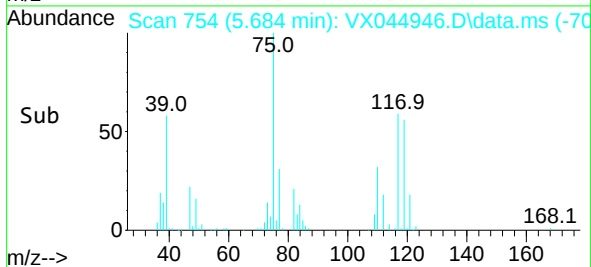
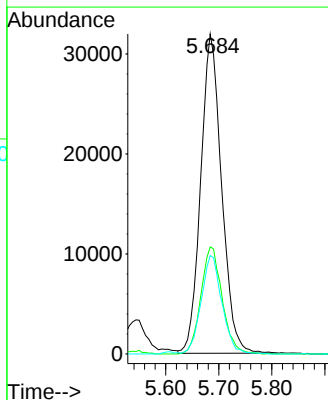
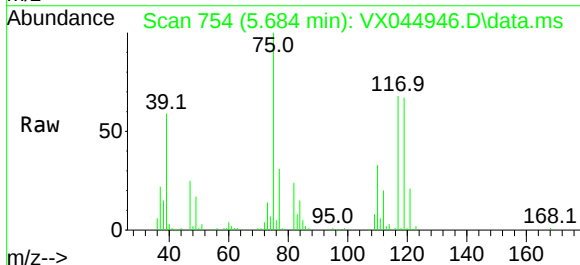
Manual Integrations
APPROVED

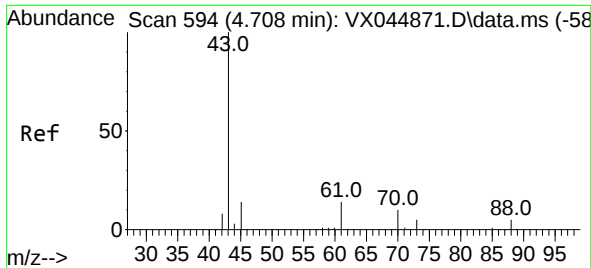
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#36
1,1-Dichloropropene
Concen: 46.885 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

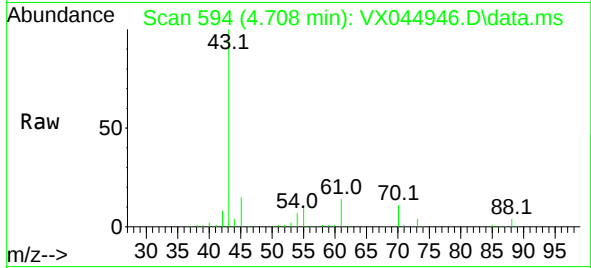
Tgt Ion: 75 Resp: 87398
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.6
77 30.7 24.6 37.0





#37
Ethyl Acetate
Concen: 49.909 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

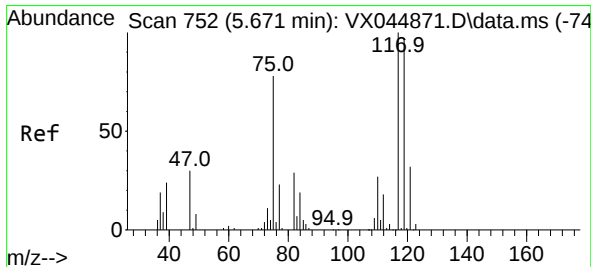
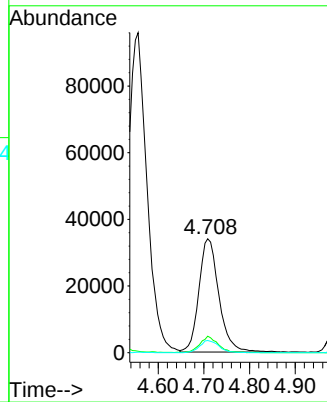
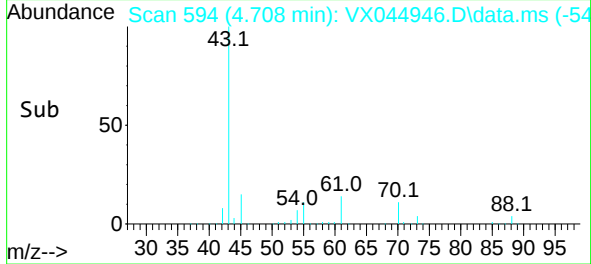
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 103482
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.4
70 10.3 8.2 12.2

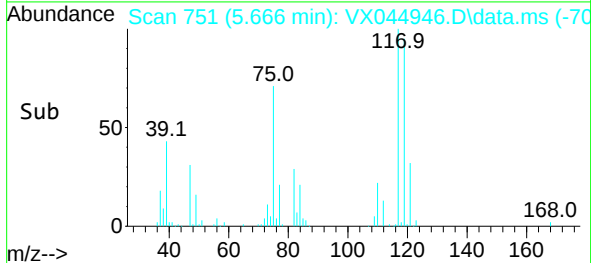
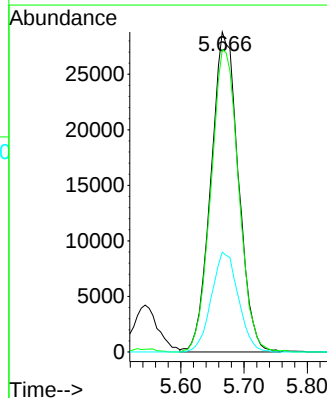
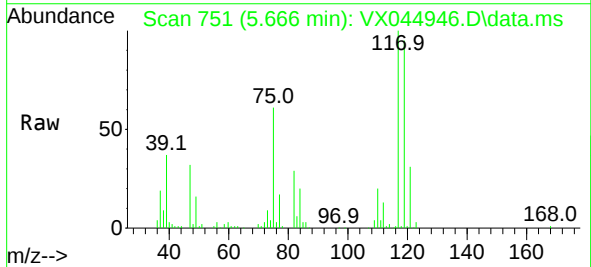
Manual Integrations
APPROVED

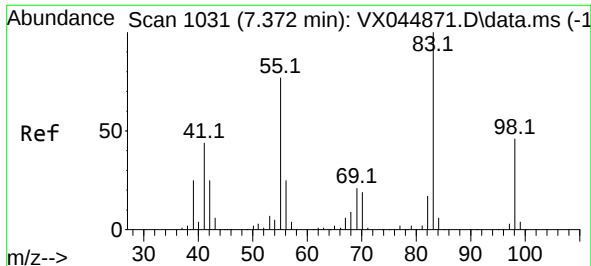
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#38
Carbon Tetrachloride
Concen: 47.524 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion:117 Resp: 86813
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 31.2 25.6 38.4





#39

Methylcyclohexane

Concen: 46.499 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11206

Ion Ratio Lower Upper

83 100

55 81.5 61.3 91.9

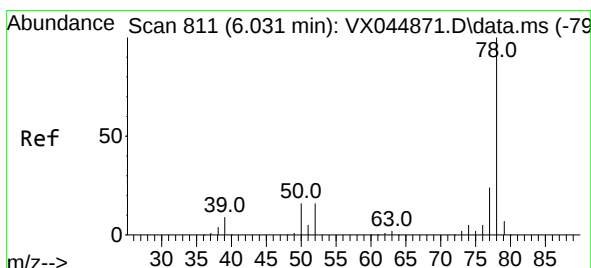
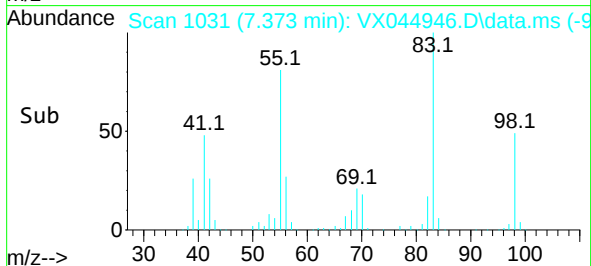
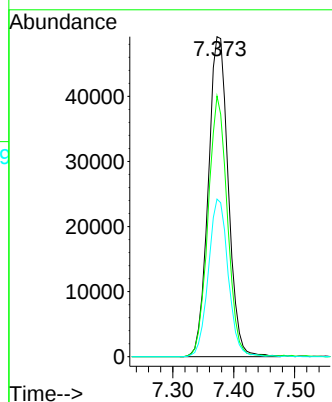
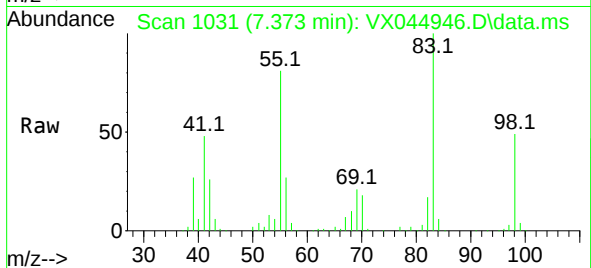
98 49.2 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#40

Benzene

Concen: 48.106 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044946.D

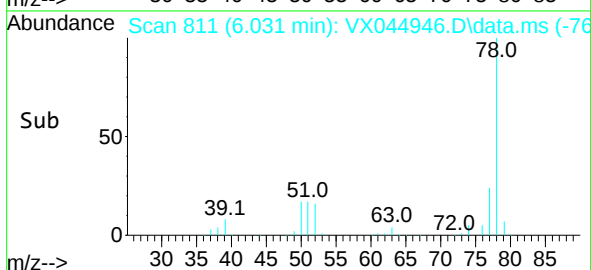
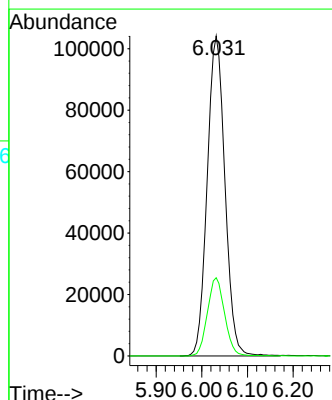
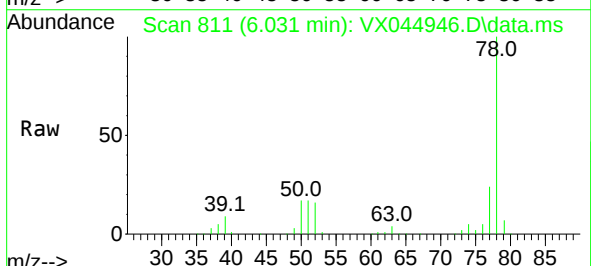
Acq: 12 Feb 2025 20:11

Tgt Ion: 78 Resp: 280015

Ion Ratio Lower Upper

78 100

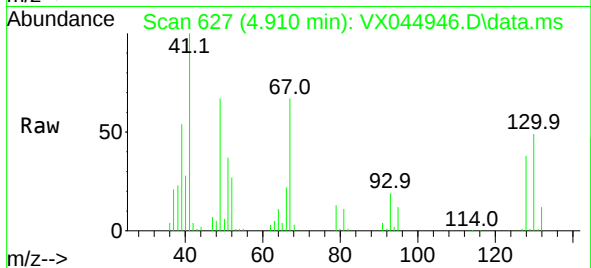
77 24.4 19.0 28.6





#41
Methacrylonitrile
Concen: 53.812 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

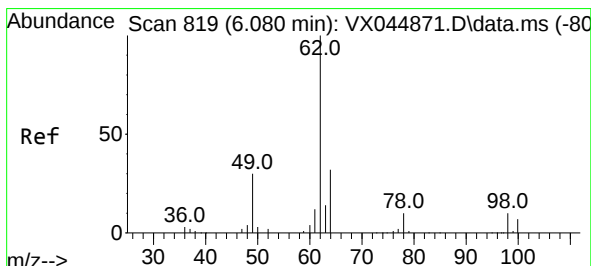
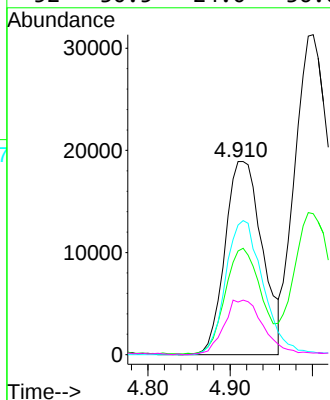
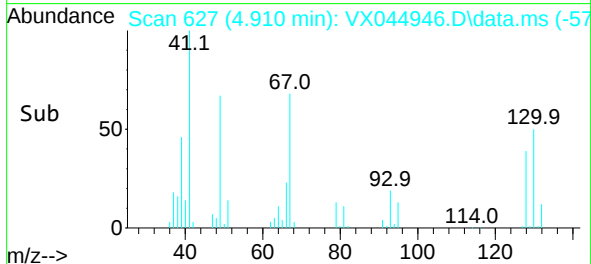
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



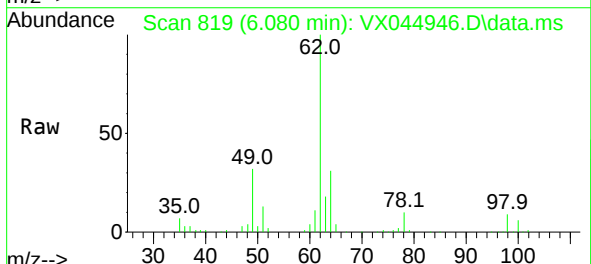
Tgt Ion: 41 Resp: 5972
Ion Ratio Lower Upper
41 100
39 51.8 43.1 64.7
67 70.0 57.0 85.6
52 30.5 24.0 36.0

Manual Integrations
APPROVED

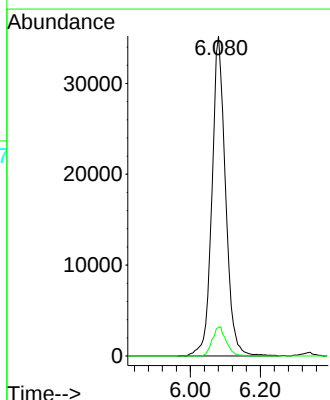
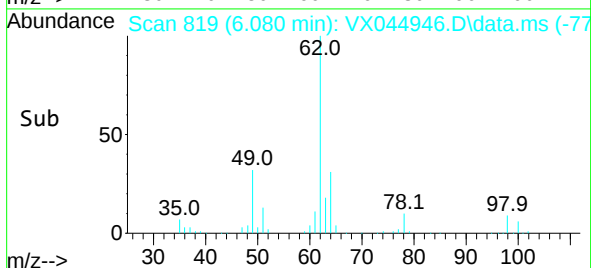
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#42
1,2-Dichloroethane
Concen: 51.167 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



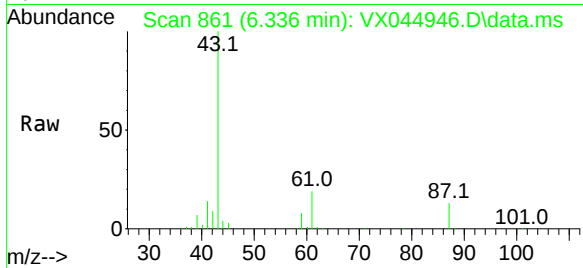
Tgt Ion: 62 Resp: 94923
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.605 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

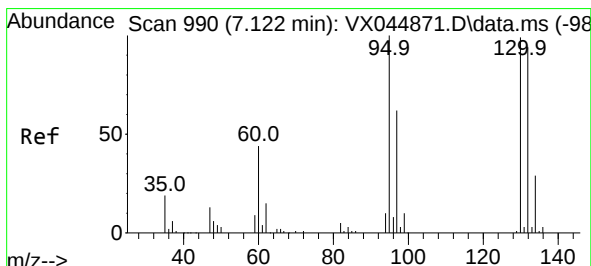
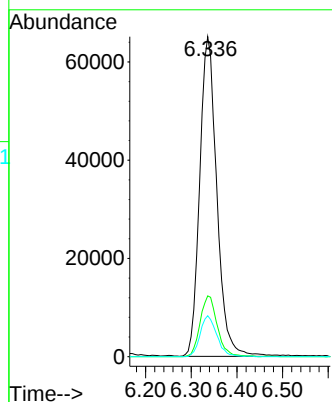
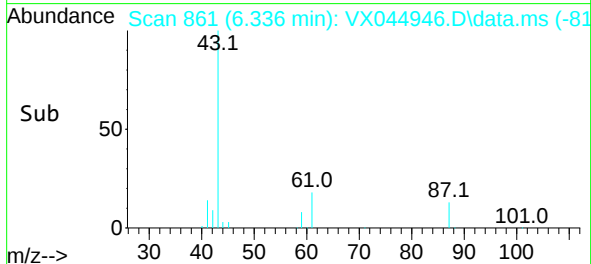
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



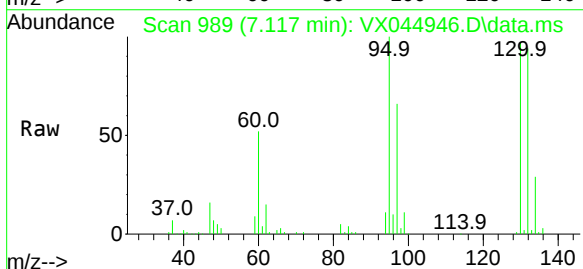
Tgt Ion: 43 Resp: 16943
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.8
87 12.4 10.0 15.0

Manual Integrations
APPROVED

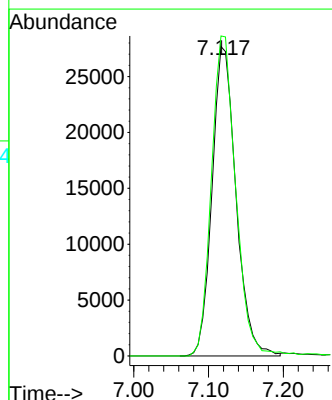
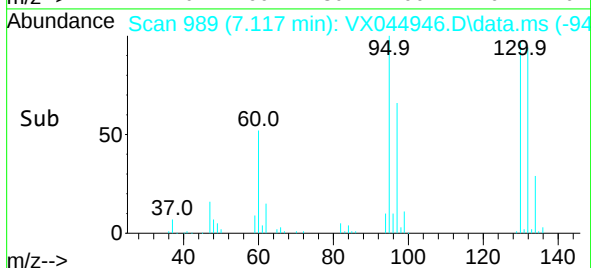
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 46.385 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion:130 Resp: 61715
Ion Ratio Lower Upper
130 100
95 103.4 0.0 202.4





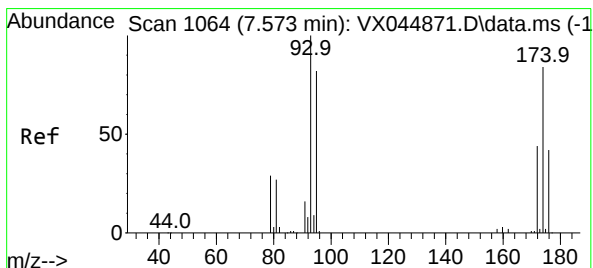
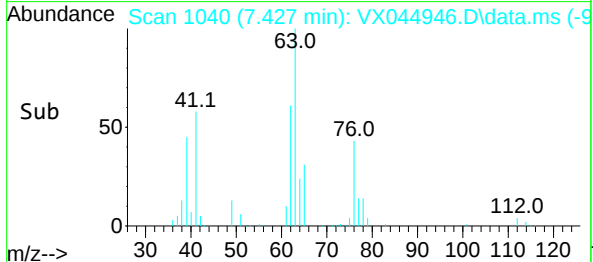
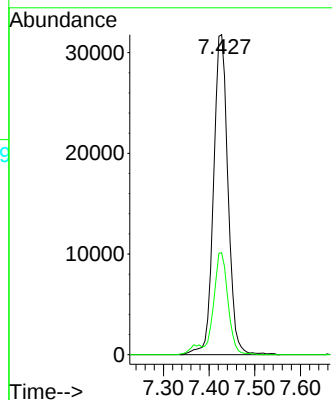
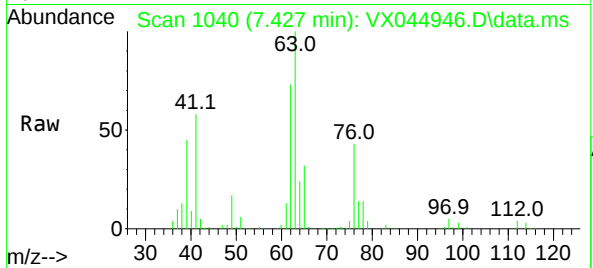
#45
1,2-Dichloropropane
Concen: 48.407 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 70100
Ion Ratio Lower Upper
63 100
65 31.8 24.2 36.4

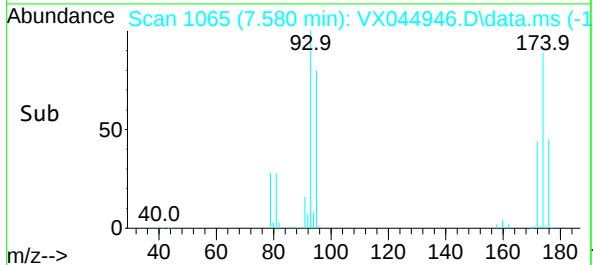
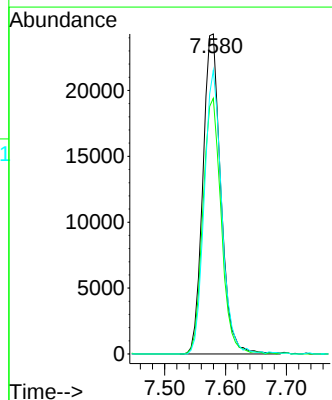
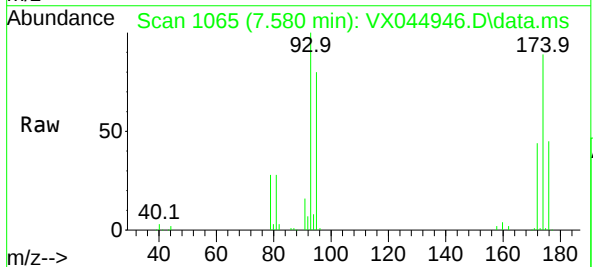
Manual Integrations
APPROVED

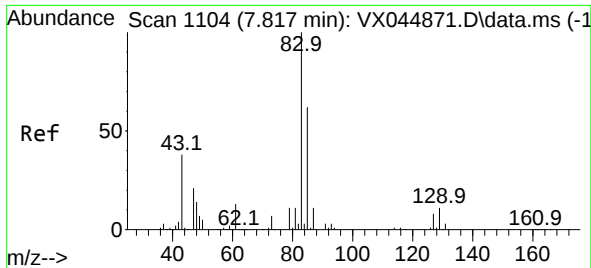
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#46
Dibromomethane
Concen: 49.691 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

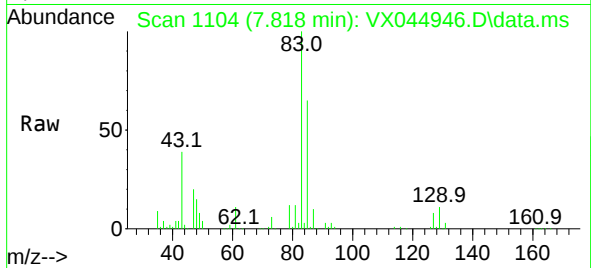
Tgt Ion: 93 Resp: 49903
Ion Ratio Lower Upper
93 100
95 80.7 66.2 99.4
174 85.8 69.9 104.9





#47
Bromodichloromethane
Concen: 49.803 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

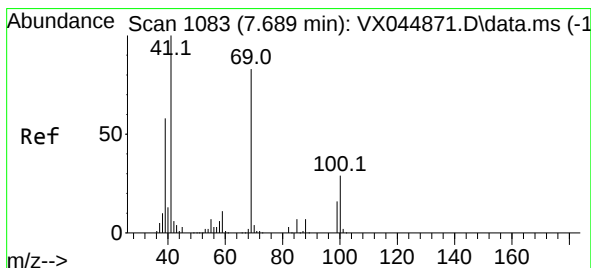
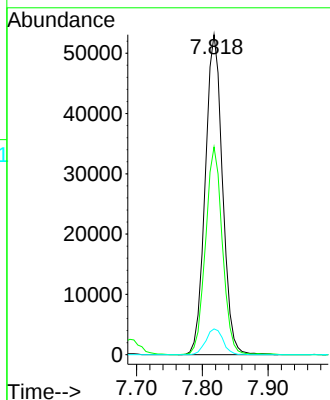
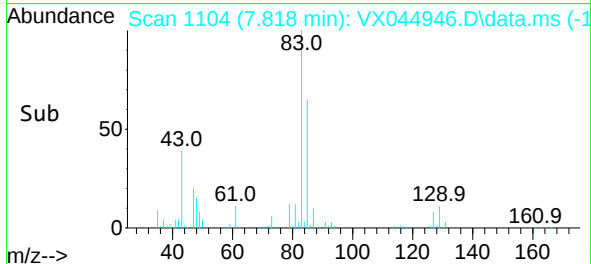
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 96840
Ion Ratio Lower Upper
83 100
85 64.9 50.0 75.0
127 8.0 6.4 9.6

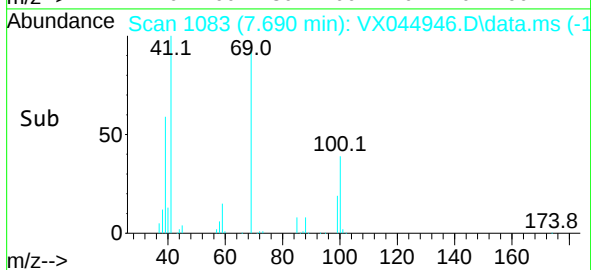
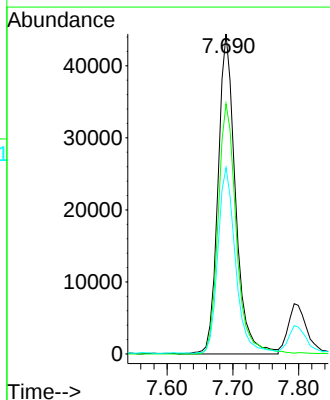
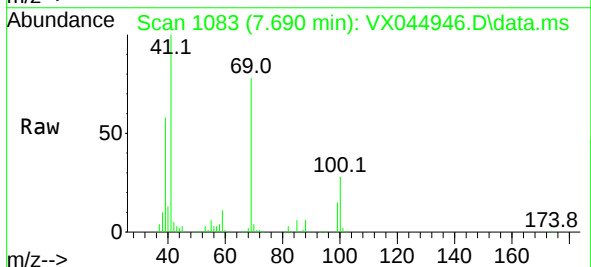
Manual Integrations
APPROVED

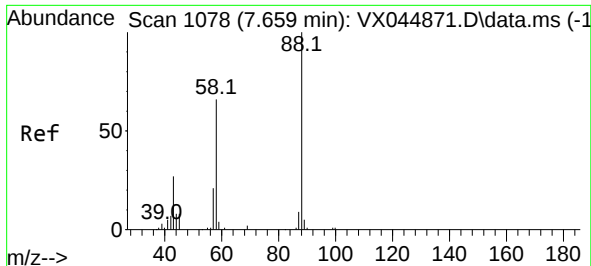
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#48
Methyl methacrylate
Concen: 52.025 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion: 41 Resp: 82133
Ion Ratio Lower Upper
41 100
69 80.8 65.8 98.8
39 58.5 46.4 69.6





#49

1,4-Dioxane

Concen: 970.105 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 32859

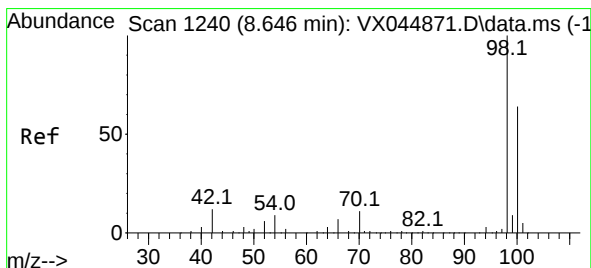
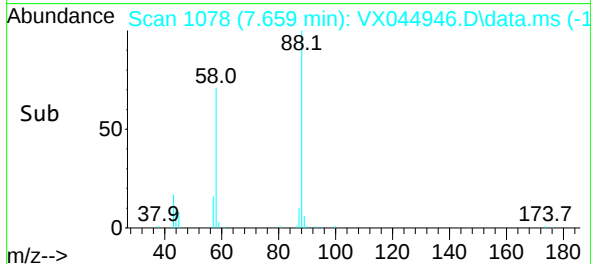
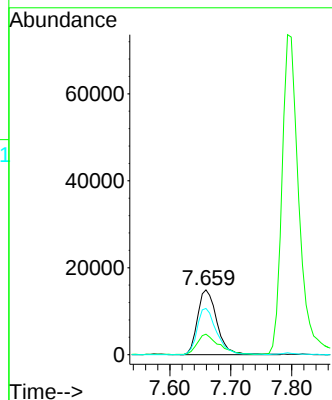
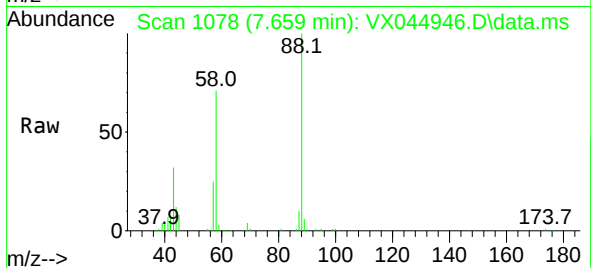
Ion	Ratio	Lower	Upper
88	100		
43	35.9	26.6	39.8
58	71.5	55.9	83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#50

Toluene-d8

Concen: 45.675 ug/l

RT: 8.647 min Scan# 1240

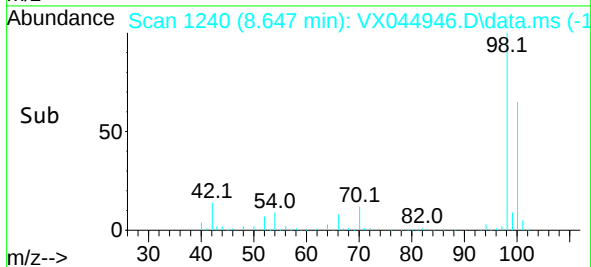
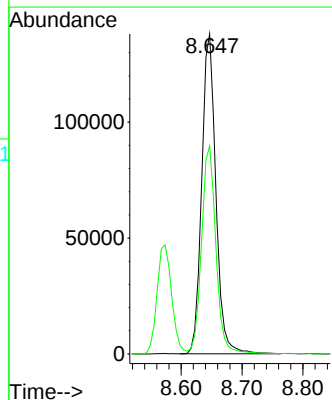
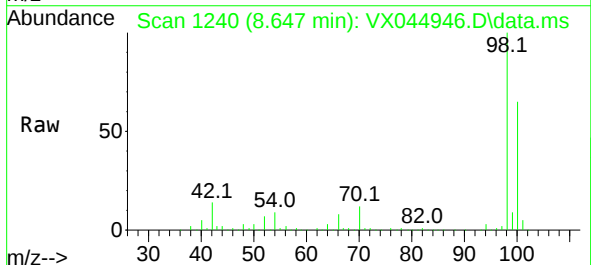
Delta R.T. 0.000 min

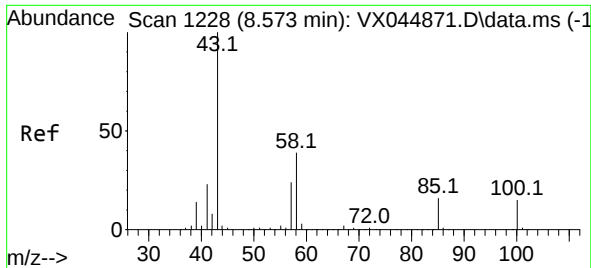
Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Tgt Ion: 98 Resp: 223161

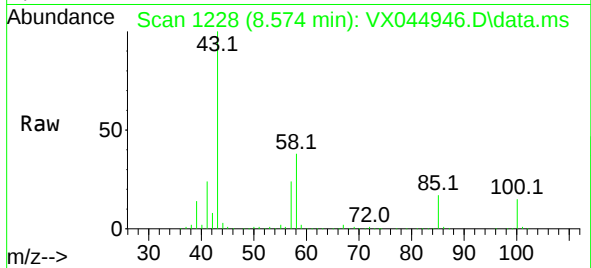
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 269.277 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

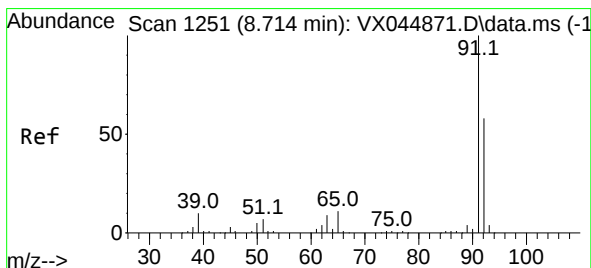
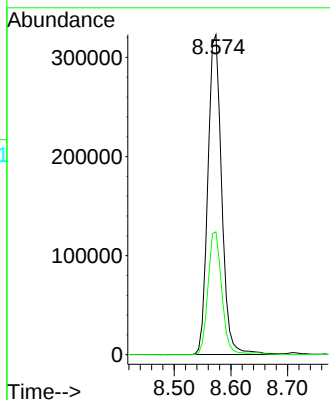
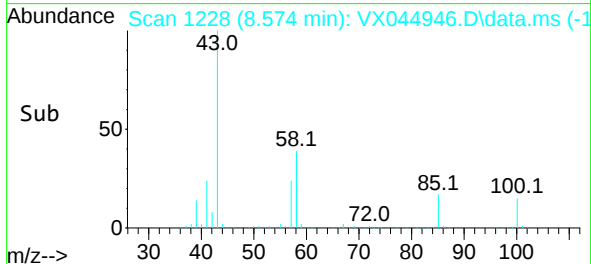
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 548124
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2

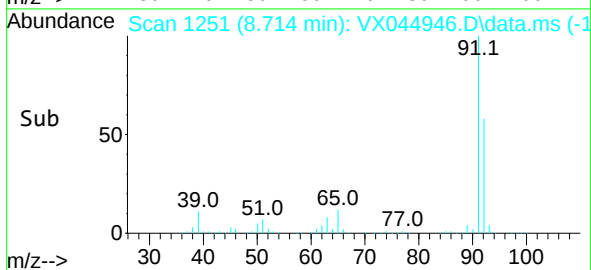
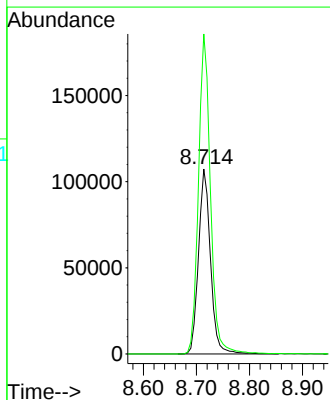
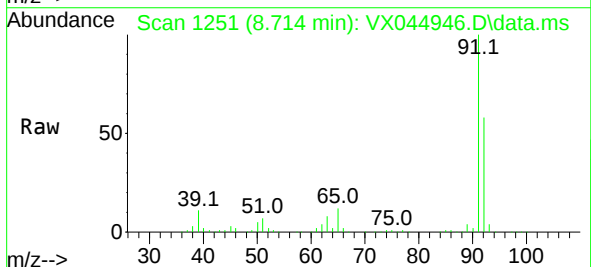
Manual Integrations
APPROVED

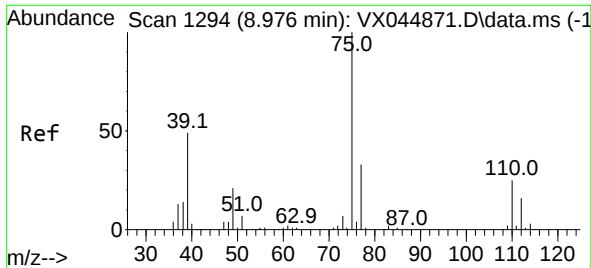
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#52
Toluene
Concen: 48.775 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

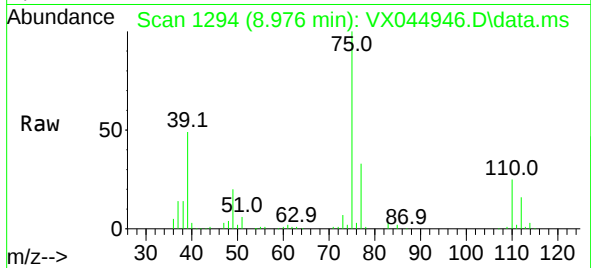
Tgt Ion: 92 Resp: 169085
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 47.240 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

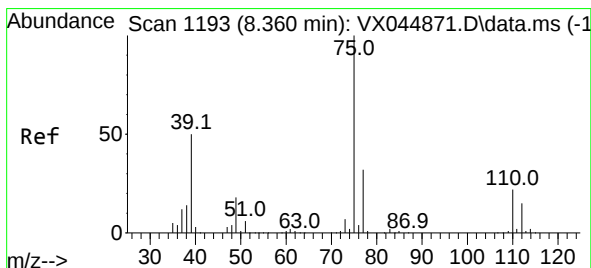
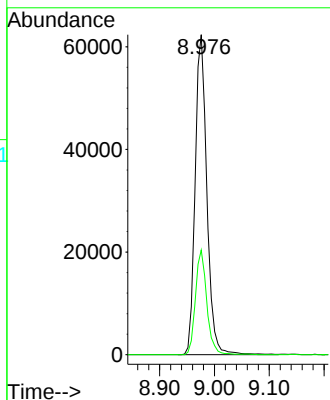
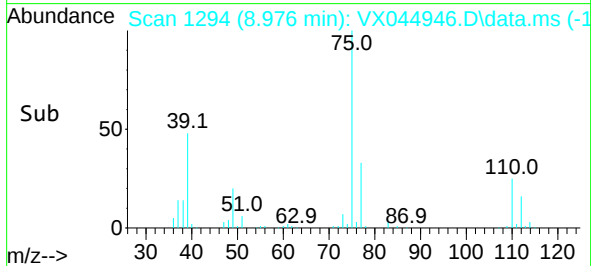
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



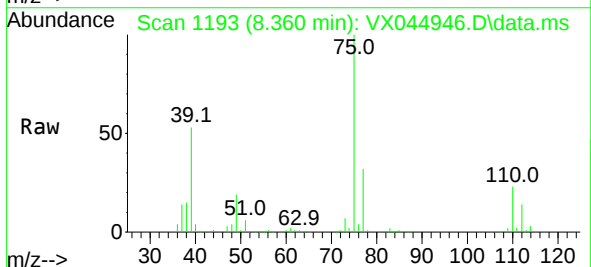
Tgt Ion: 75 Resp: 92960
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0

Manual Integrations
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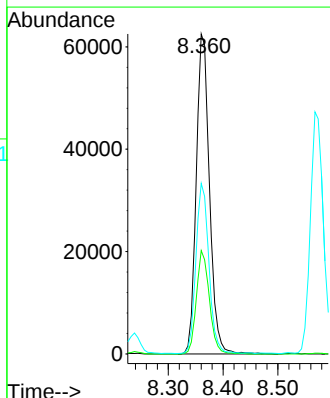
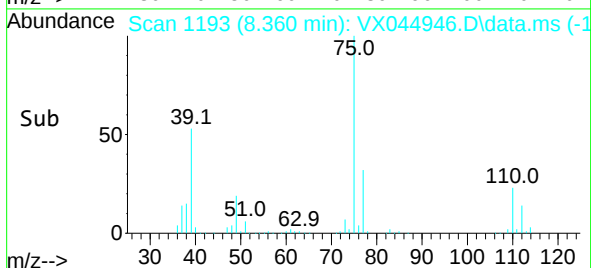
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#54
cis-1,3-Dichloropropene
Concen: 47.971 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion: 75 Resp: 105250
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 53.2 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 50.097 ug/l

RT: 9.147 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 66760

Ion Ratio Lower Upper

97 100

83 85.6 69.8 104.6

85 55.2 44.8 67.2

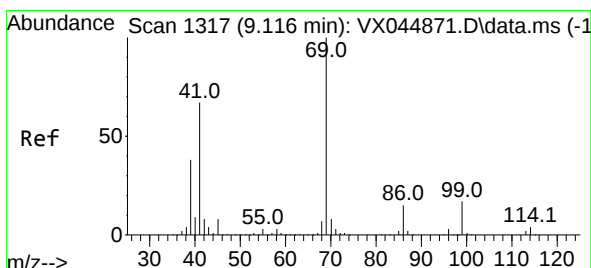
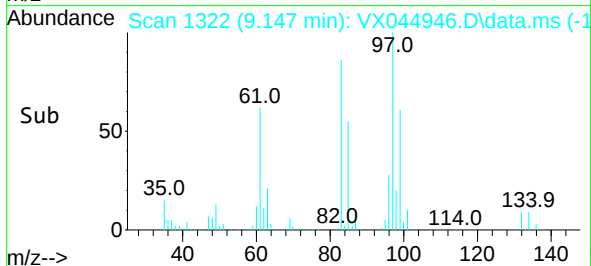
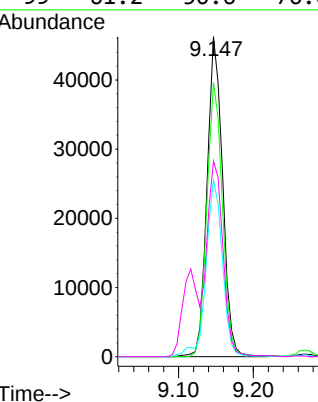
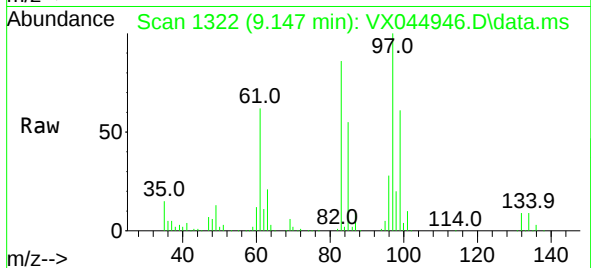
99 61.2 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#56

Ethyl methacrylate

Concen: 51.239 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

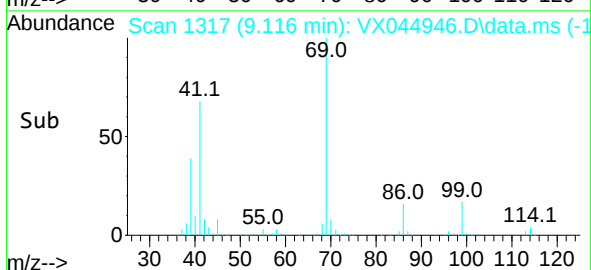
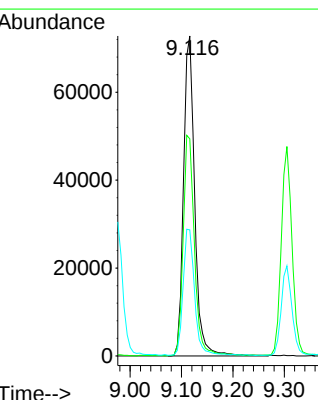
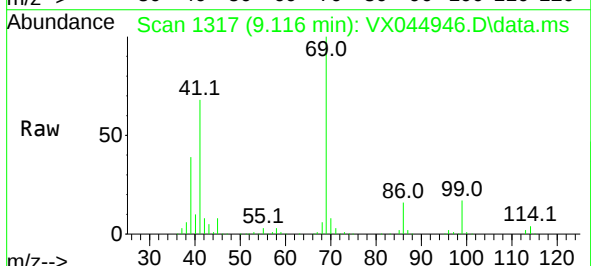
Tgt Ion: 69 Resp: 110282

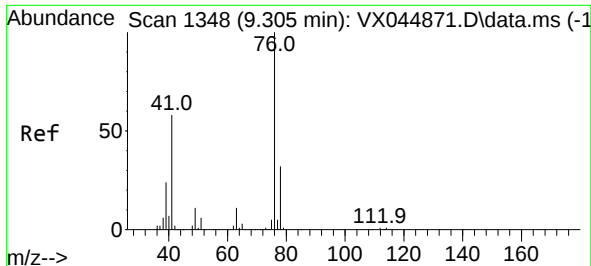
Ion Ratio Lower Upper

69 100

41 70.0 55.2 82.8

39 40.5 30.8 46.2





#57

1,3-Dichloropropane

Concen: 49.311 ug/l

RT: 9.305 min Scan# 11497

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11497

Ion Ratio Lower Upper

76 100

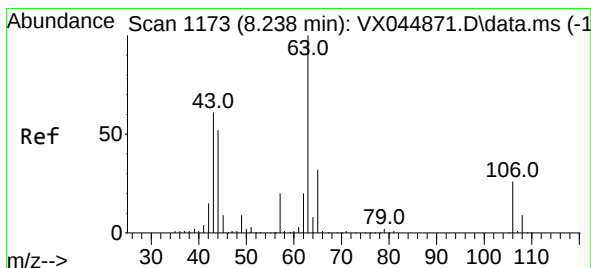
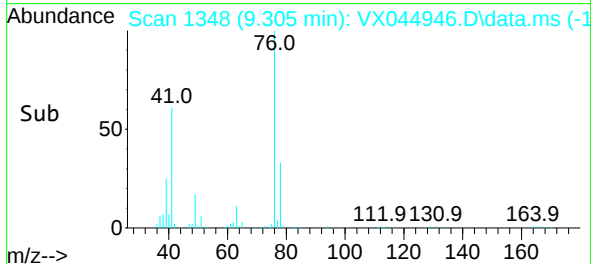
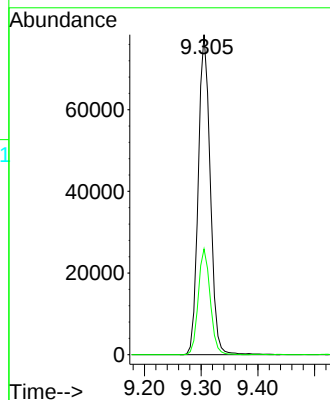
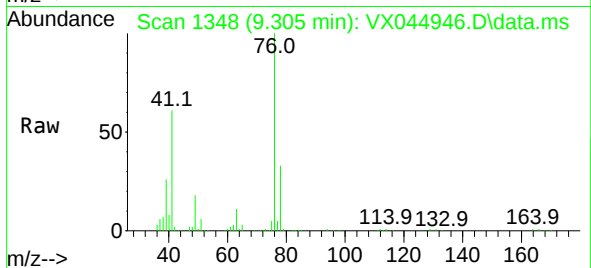
78 32.9 25.8 38.8

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 259.716 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044946.D

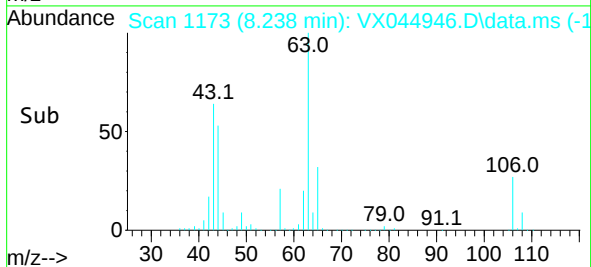
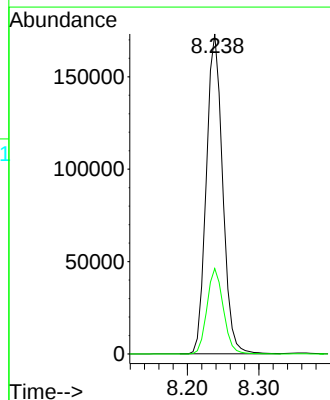
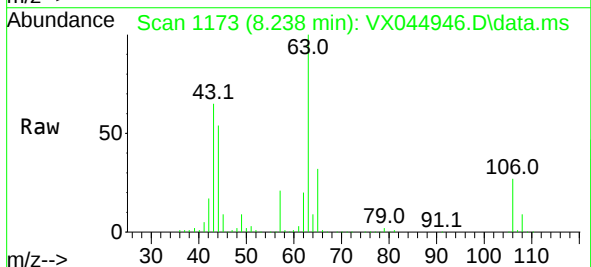
Acq: 12 Feb 2025 20:11

Tgt Ion: 63 Resp: 274468

Ion Ratio Lower Upper

63 100

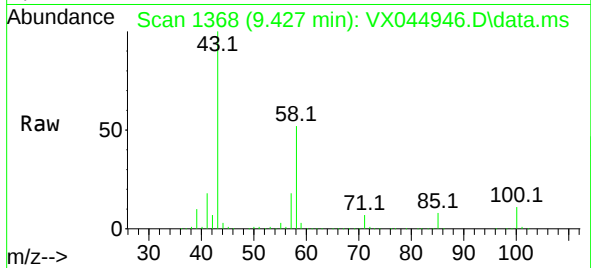
106 26.7 21.3 31.9





#59
2-Hexanone
Concen: 277.591 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

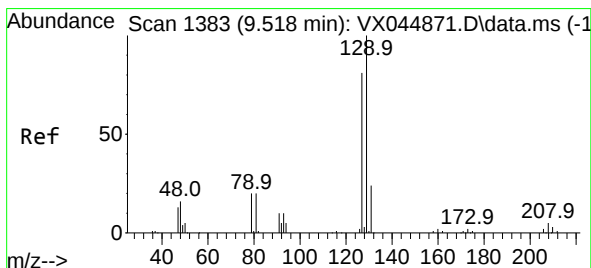
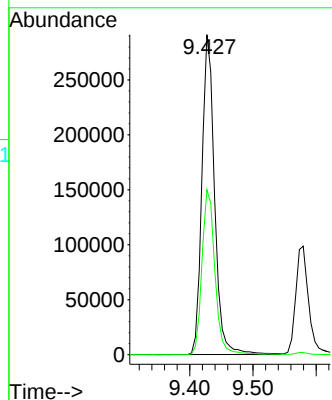
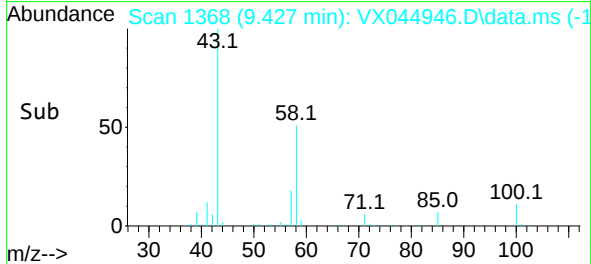
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40712
Ion Ratio Lower Upper
43 100
58 52.9 27.5 82.4

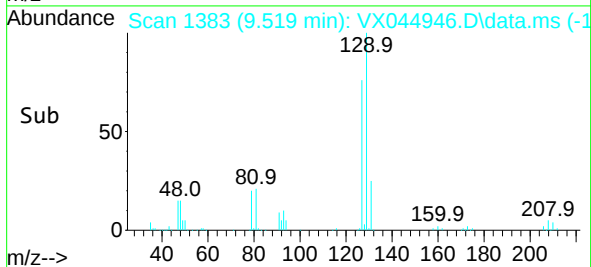
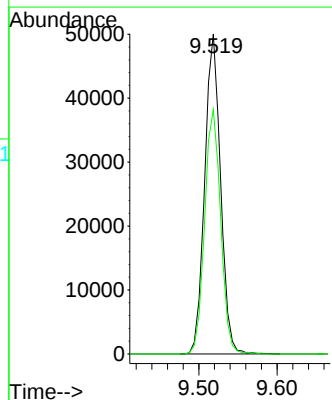
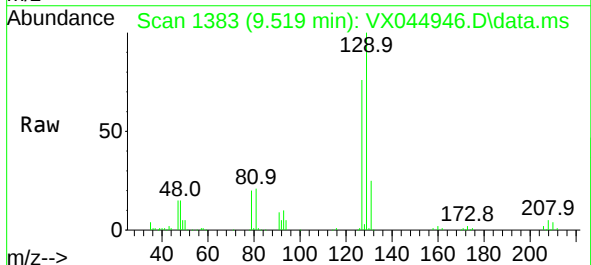
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#60
Dibromochloromethane
Concen: 49.231 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

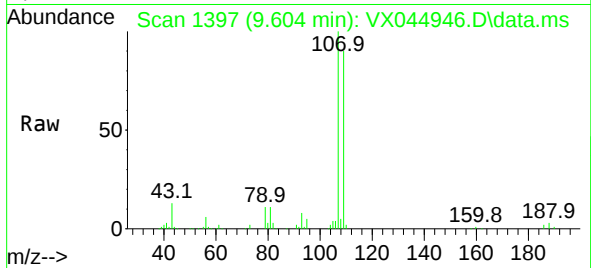
Tgt Ion:129 Resp: 70163
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 49.619 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

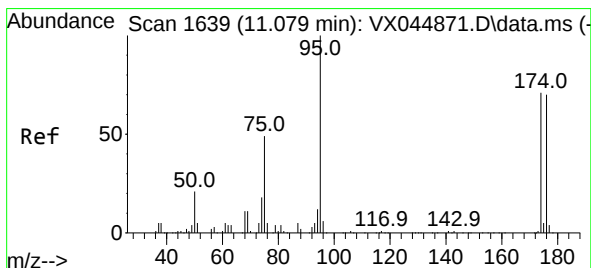
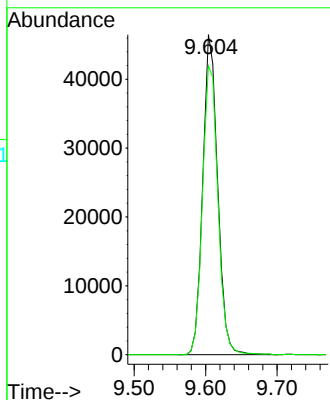
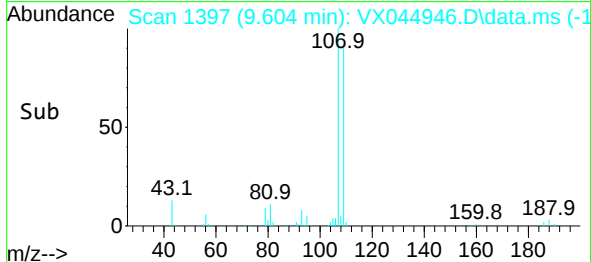
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 67019
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9

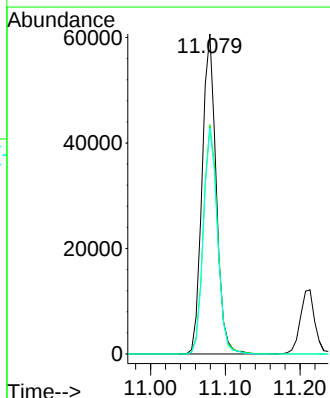
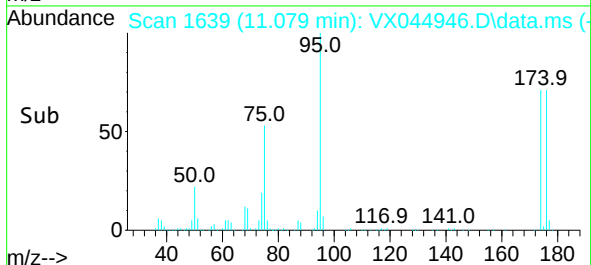
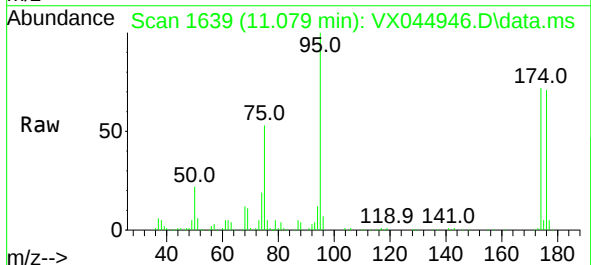
Manual Integrations
APPROVED

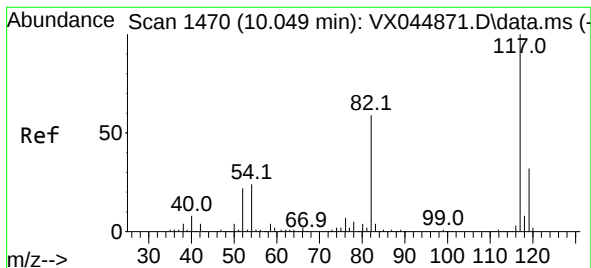
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#62
4-Bromofluorobenzene
Concen: 48.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

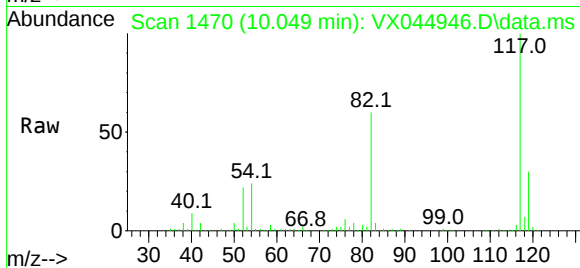
Tgt Ion: 95 Resp: 79430
Ion Ratio Lower Upper
95 100
174 72.7 0.0 142.6
176 70.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

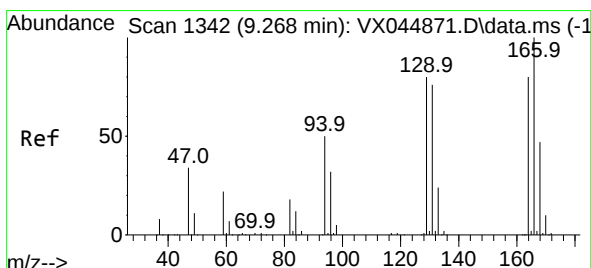
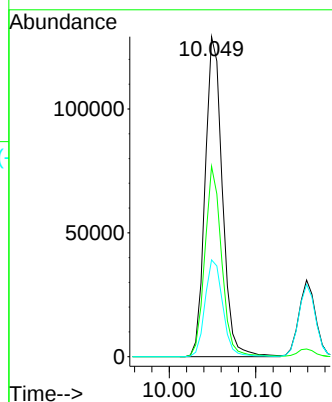
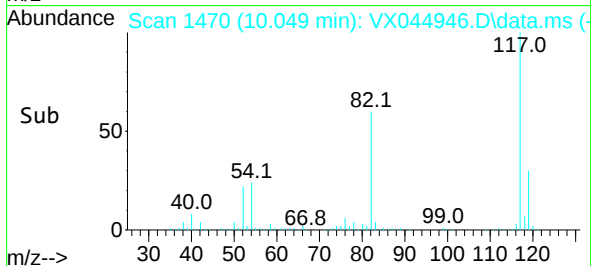
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 178828
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 30.3 25.4 38.0

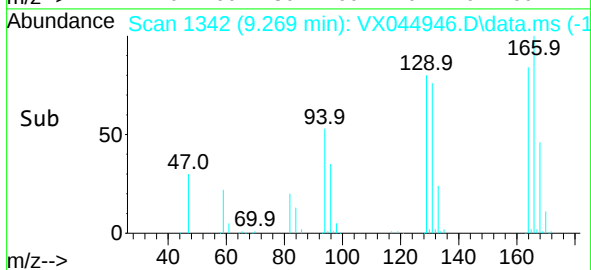
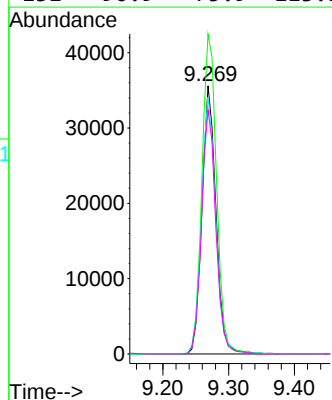
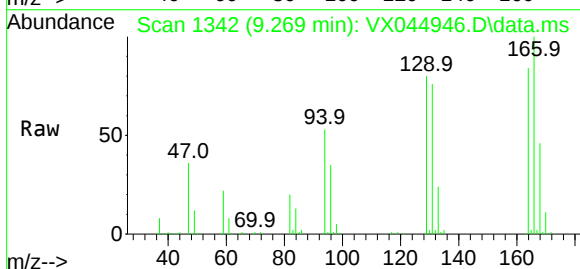
Manual Integrations
APPROVED

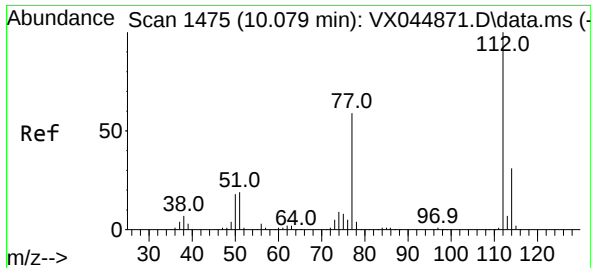
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 46.552 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

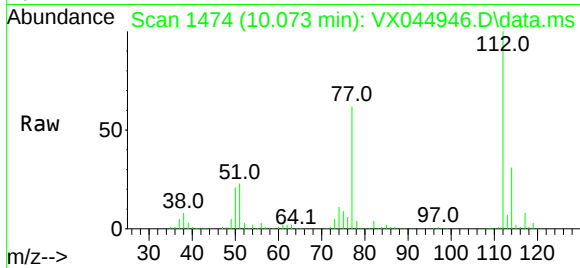
Tgt Ion:164 Resp: 52500
Ion Ratio Lower Upper
164 100
166 119.3 100.4 150.6
129 95.8 79.9 119.9
131 90.9 75.9 113.9





#65
Chlorobenzene
Concen: 47.447 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

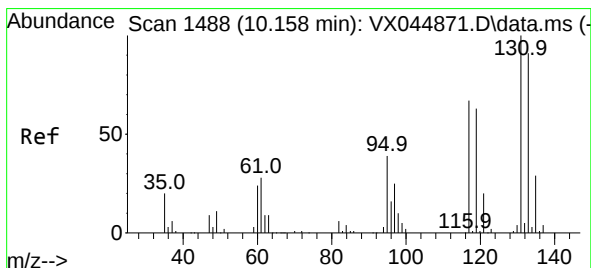
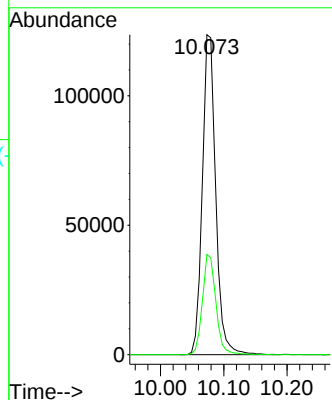
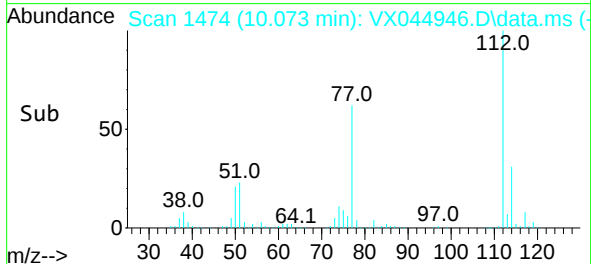
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



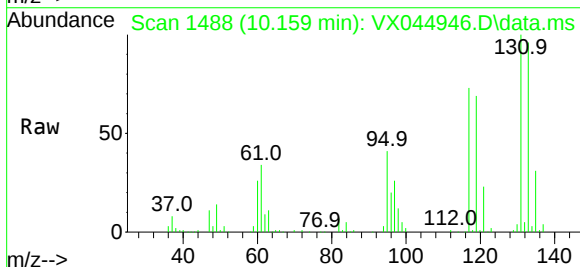
Tgt Ion:112 Resp: 18224
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

Manual Integrations
APPROVED

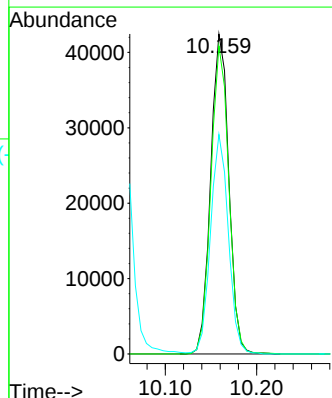
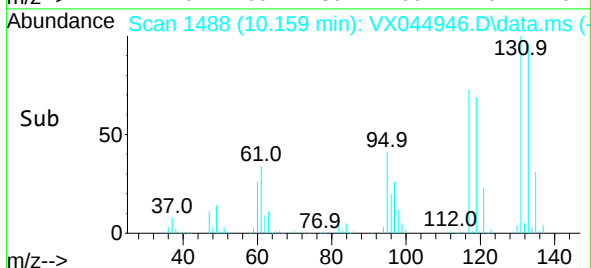
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

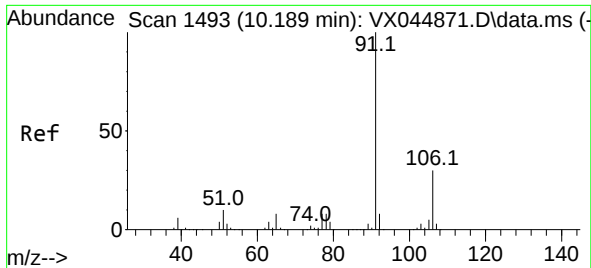


#66
1,1,1,2-Tetrachloroethane
Concen: 47.222 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion:131 Resp: 58380
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 67.6 33.6 100.6





#67

Ethyl Benzene

Concen: 47.447 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 321600

Ion Ratio Lower Upper

91 100

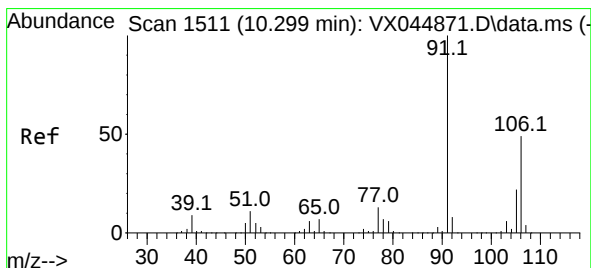
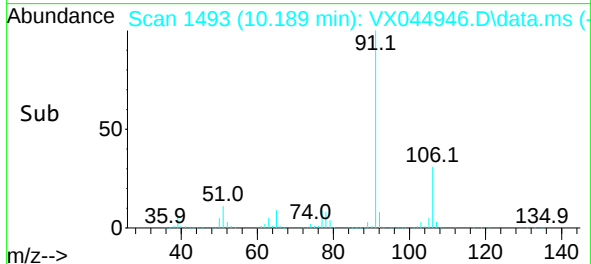
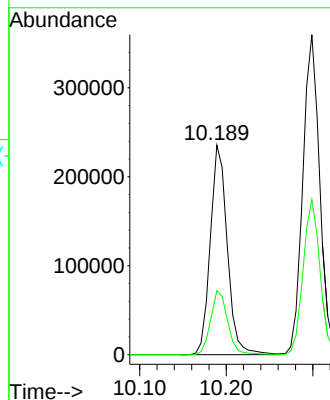
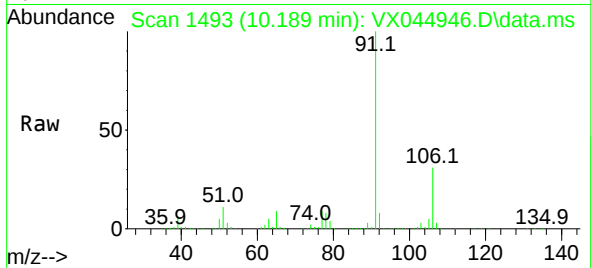
106 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#68

m/p-Xylenes

Concen: 95.958 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044946.D

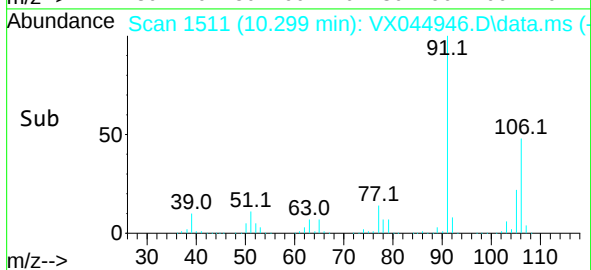
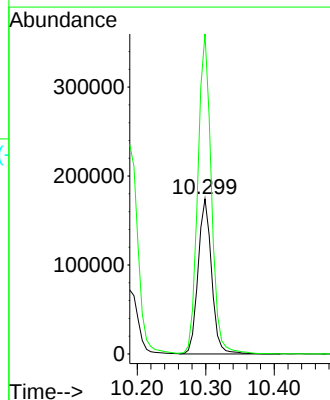
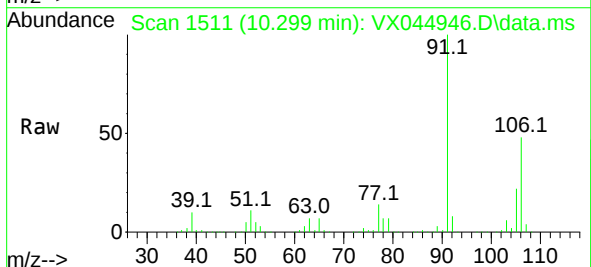
Acq: 12 Feb 2025 20:11

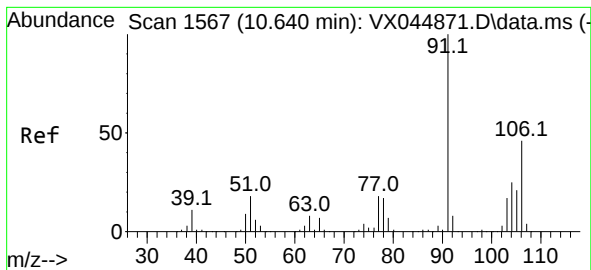
Tgt Ion:106 Resp: 239927

Ion Ratio Lower Upper

106 100

91 206.3 164.3 246.5





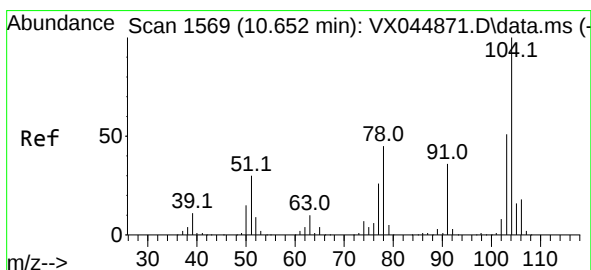
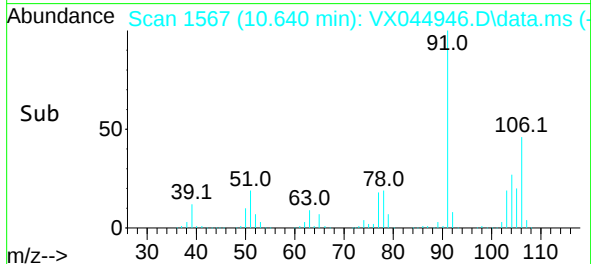
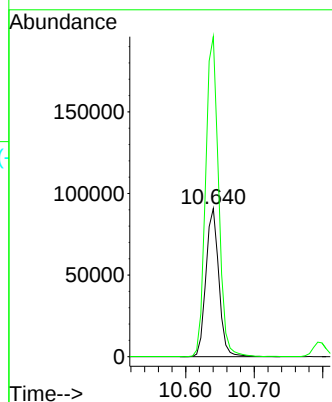
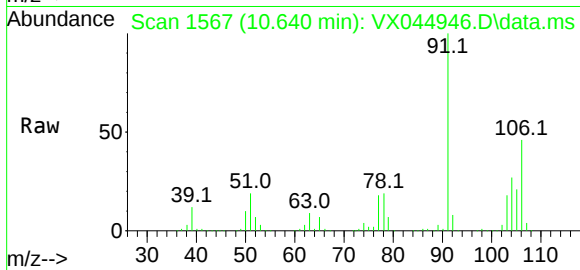
#69
o-Xylene
Concen: 47.505 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 119184
Ion Ratio Lower Upper
106 100
91 217.8 108.5 325.5

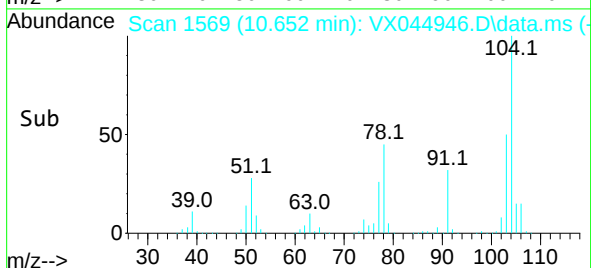
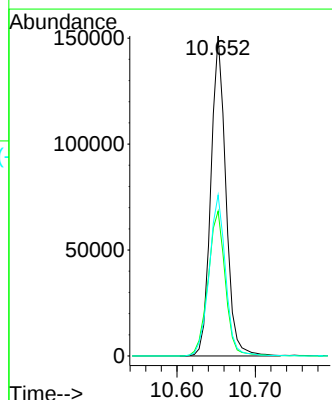
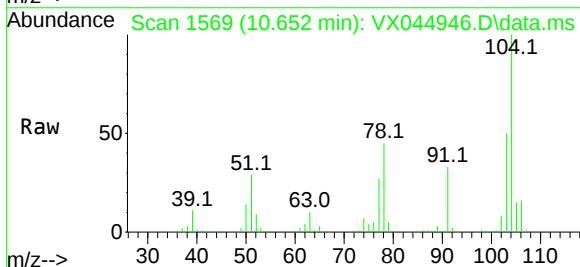
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 49.640 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion:104 Resp: 200646
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 55.2 43.6 65.4





#71

Bromoform

Concen: 48.025 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044946.D

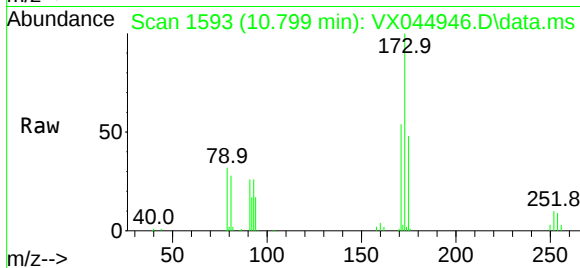
Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 44310

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

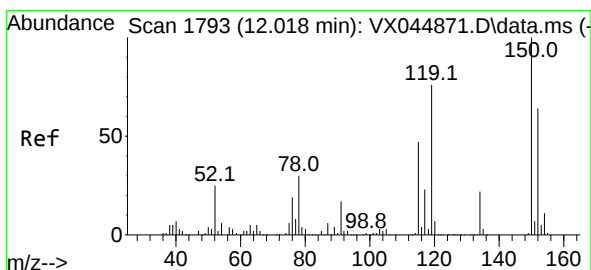
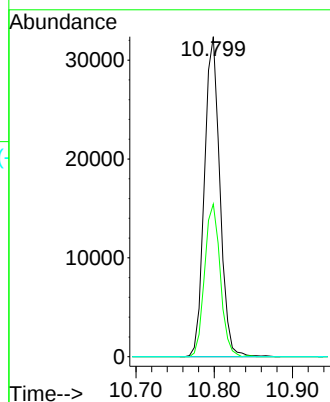
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

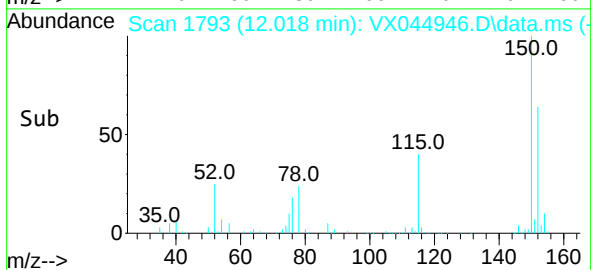
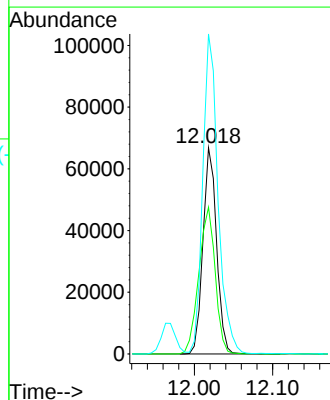
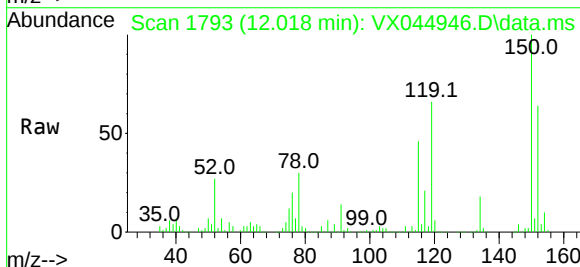
Tgt Ion:152 Resp: 80774

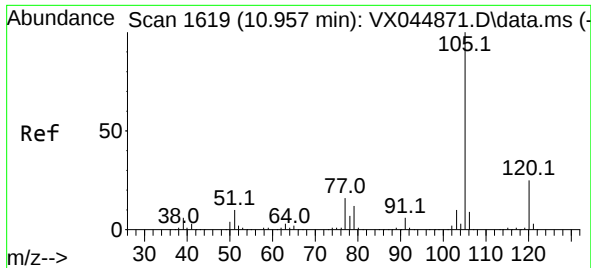
Ion Ratio Lower Upper

152 100

115 85.4 43.4 130.1

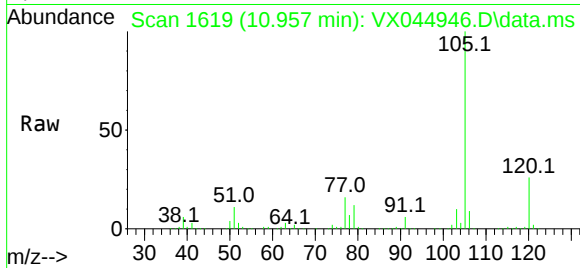
150 172.9 0.0 350.4





#73
Isopropylbenzene
Concen: 47.243 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

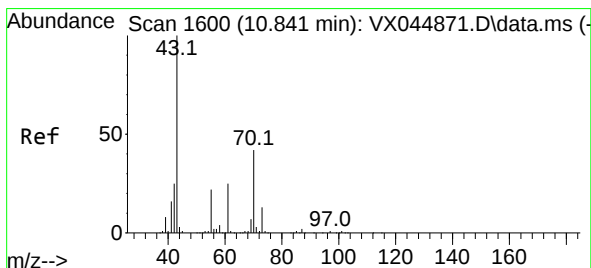
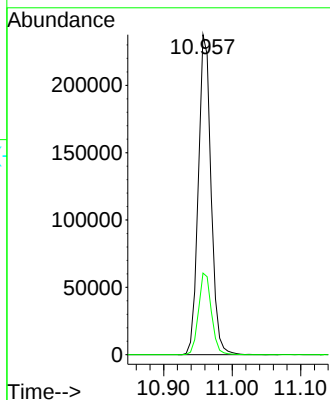
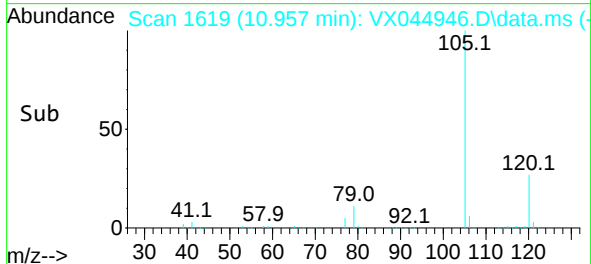
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



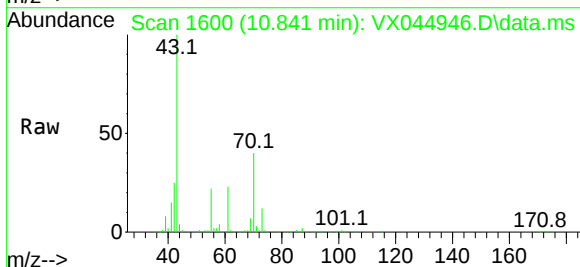
Tgt Ion:105 Resp: 307260
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

Manual Integrations
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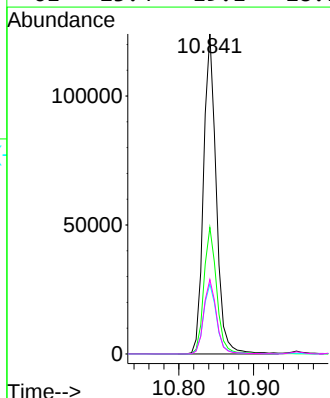
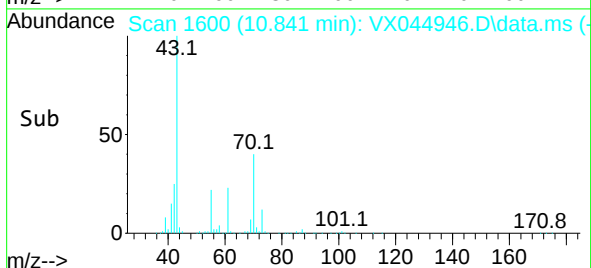
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#74
N-ethyl acetate
Concen: 49.788 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



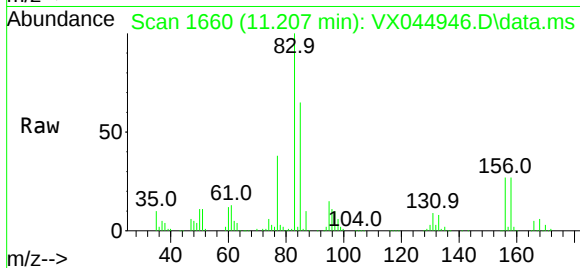
Tgt Ion: 43 Resp: 146530
Ion Ratio Lower Upper
43 100
70 39.9 33.7 50.5
55 22.6 18.6 27.8
61 23.4 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.942 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

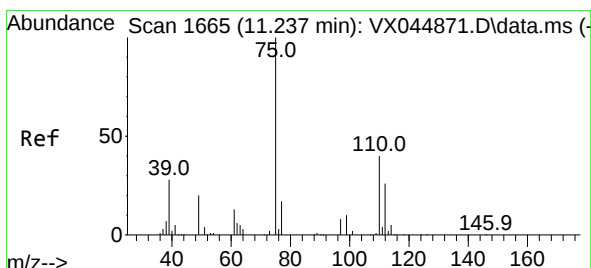
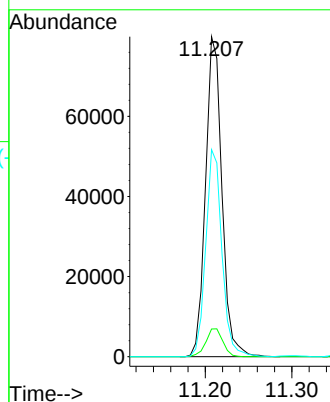
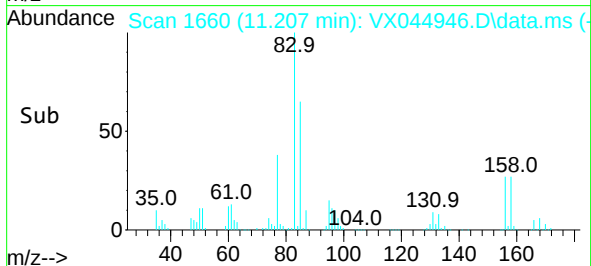
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



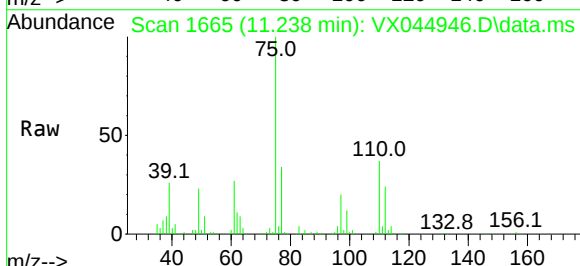
Tgt Ion: 83 Resp: 10491
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.5
85 64.0 32.3 96.8

Manual Integrations
APPROVED

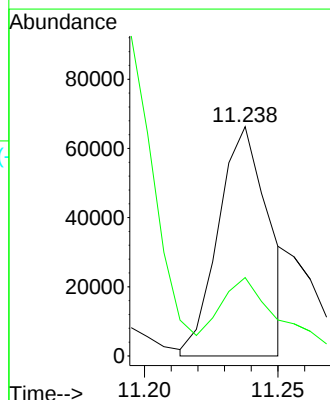
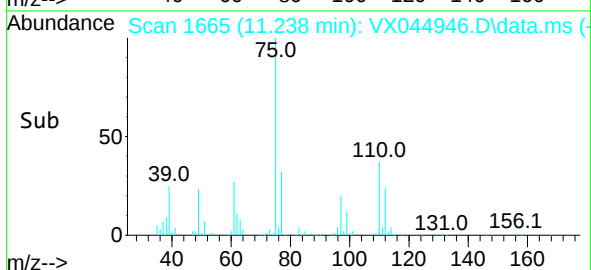
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

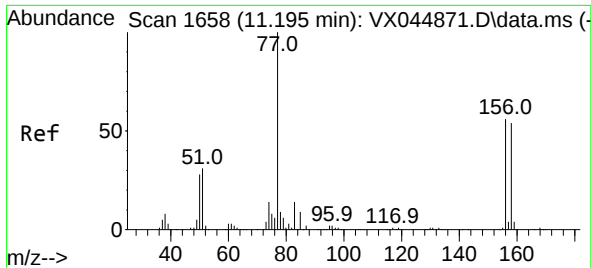


#76
1,2,3-Trichloropropane
Concen: 48.185 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



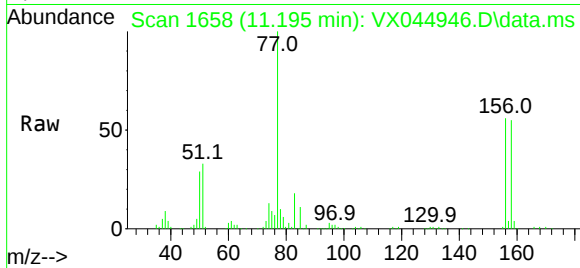
Tgt Ion: 75 Resp: 86294
Ion Ratio Lower Upper
75 100
77 42.2 21.9 65.7





#77
Bromobenzene
Concen: 47.377 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

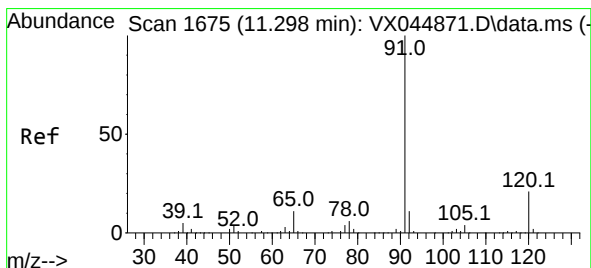
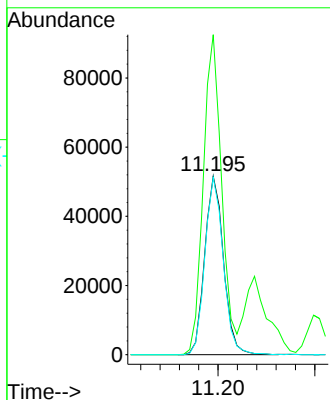
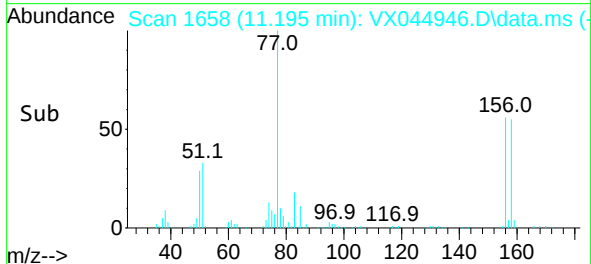
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



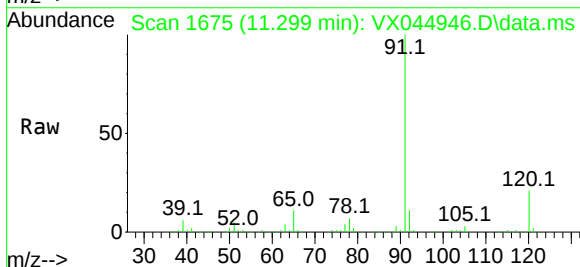
Tgt Ion:156 Resp: 69858
Ion Ratio Lower Upper
156 100
77 174.7 88.4 265.3
158 97.3 48.4 145.2

Manual Integrations
APPROVED

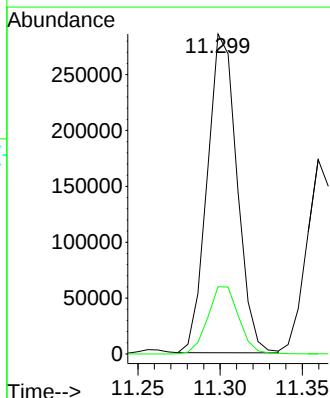
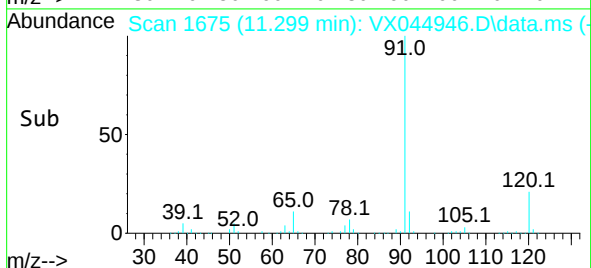
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

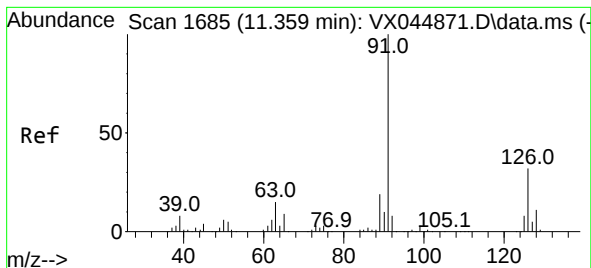


#78
n-propylbenzene
Concen: 47.881 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



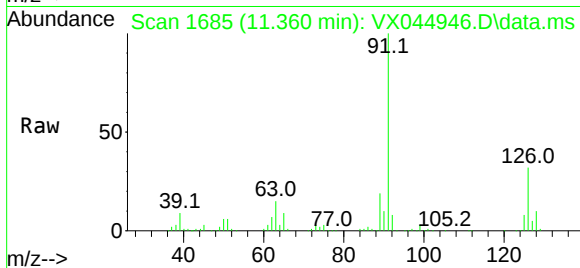
Tgt Ion: 91 Resp: 359442
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





#79
2-Chlorotoluene
Concen: 46.378 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

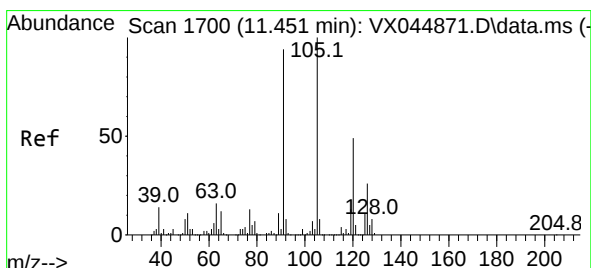
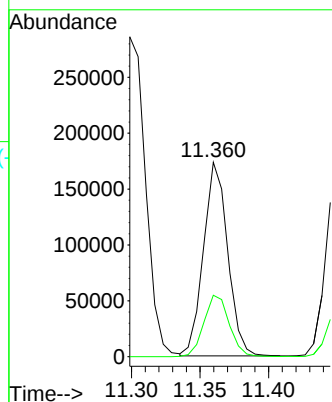
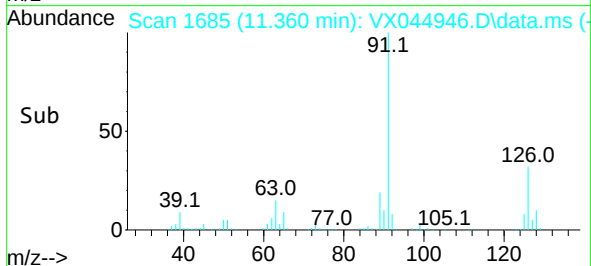
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



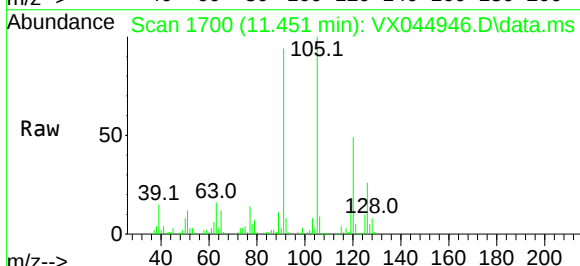
Tgt Ion: 91 Resp: 21397
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

Manual Integrations
APPROVED

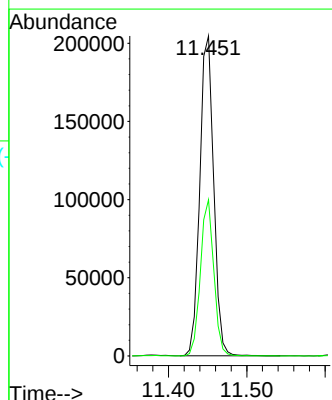
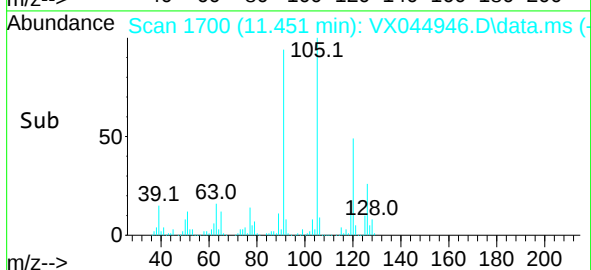
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.801 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion:105 Resp: 252288
Ion Ratio Lower Upper
105 100
120 47.3 24.0 72.0





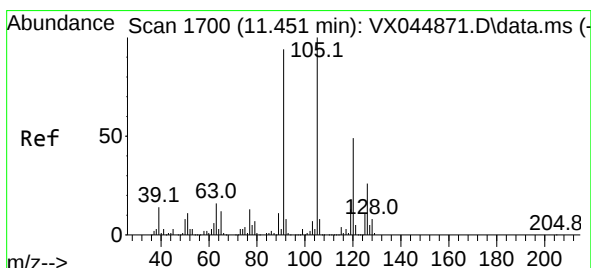
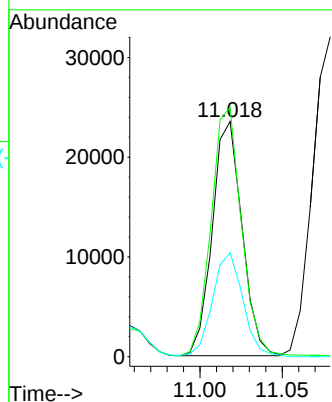
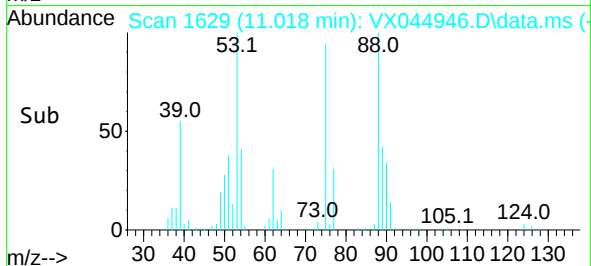
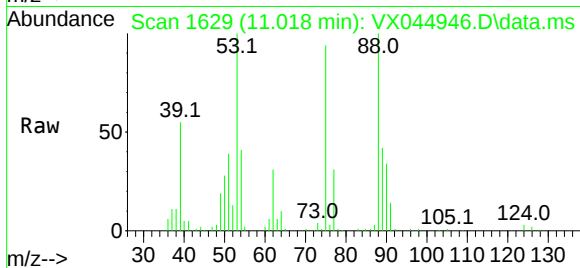
#81
trans-1,4-Dichloro-2-butene
Concen: 42.406 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2952
Ion Ratio Lower Upper
75 100
53 109.9 78.0 117.0
89 45.4 36.6 54.8

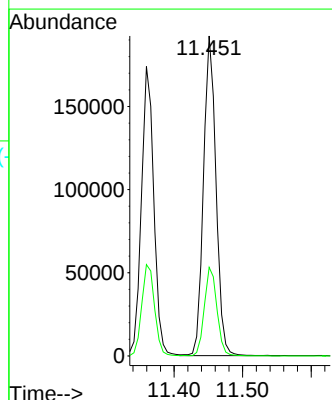
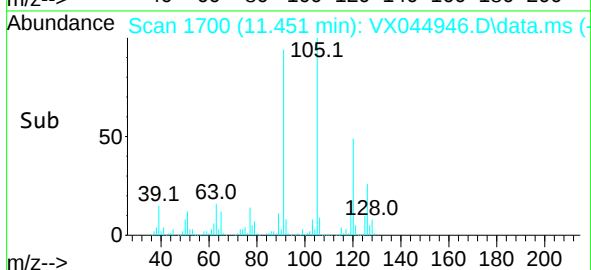
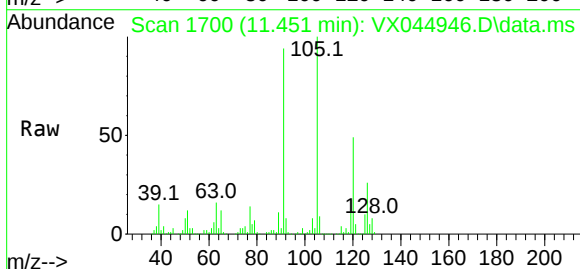
Manual Integrations
APPROVED

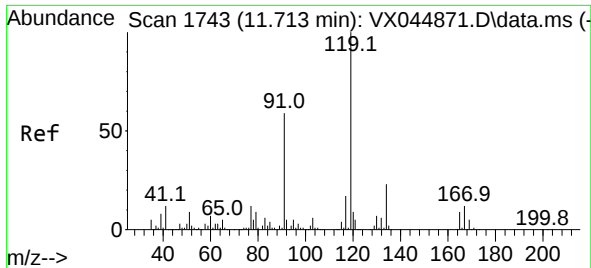
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#82
4-Chlorotoluene
Concen: 47.958 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Tgt Ion: 91 Resp: 244793
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





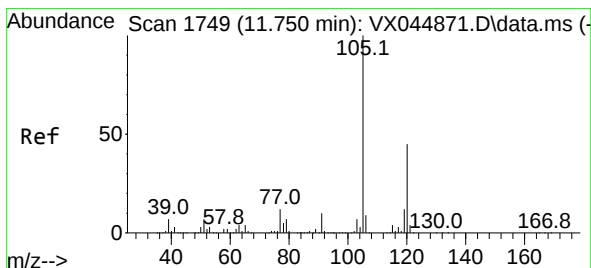
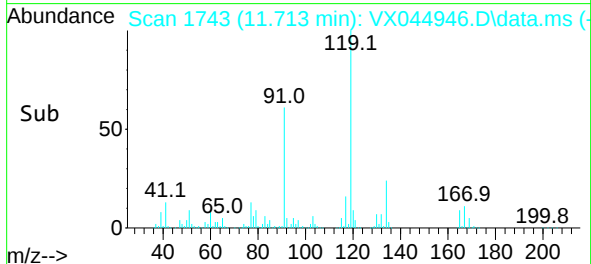
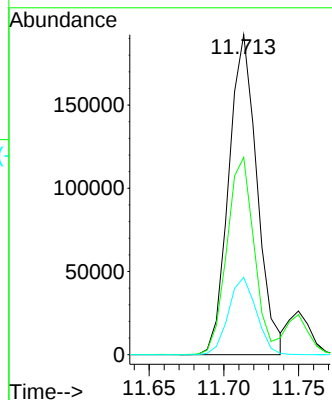
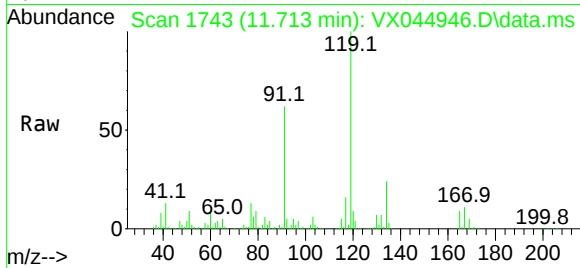
#83
tert-Butylbenzene
Concen: 47.391 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 253035
Ion Ratio Lower Upper
119 100
91 59.1 29.1 87.4
134 23.7 11.5 34.5

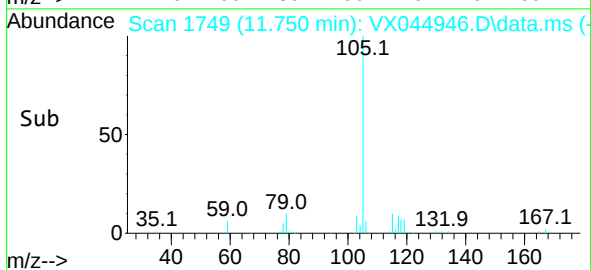
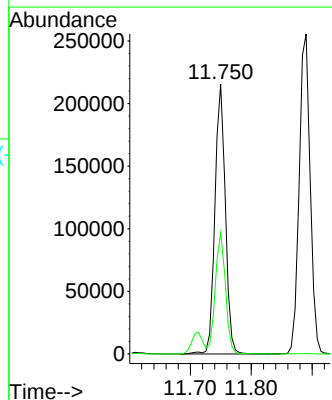
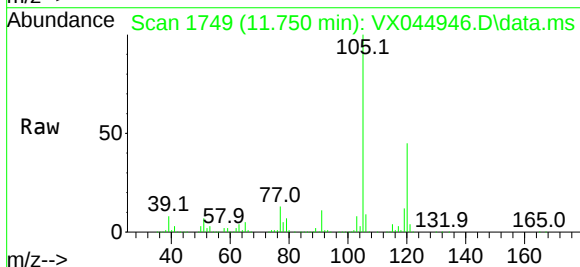
Manual Integrations
APPROVED

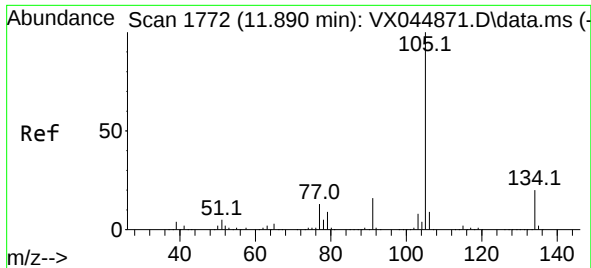
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 49.150 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

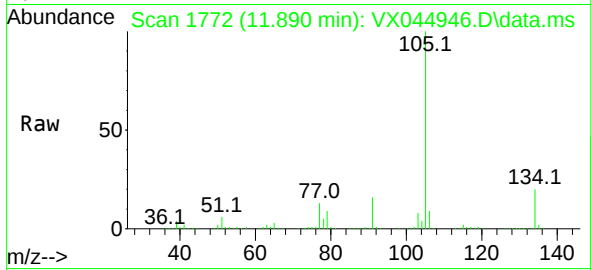
Tgt Ion:105 Resp: 256030
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 48.523 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044946.D
 Acq: 12 Feb 2025 20:11

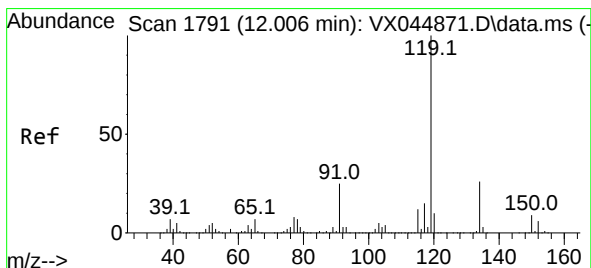
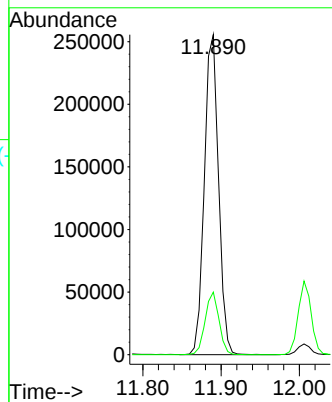
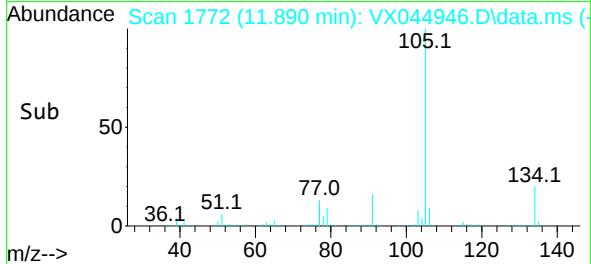
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



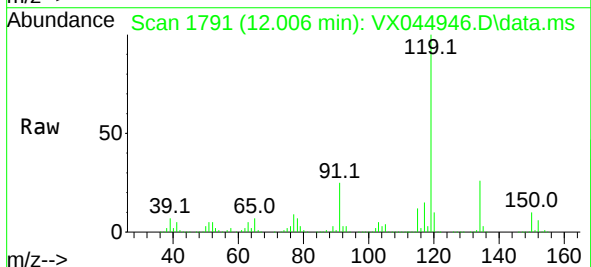
Tgt Ion:105 Resp: 32081
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

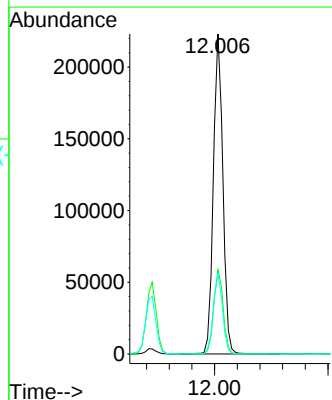
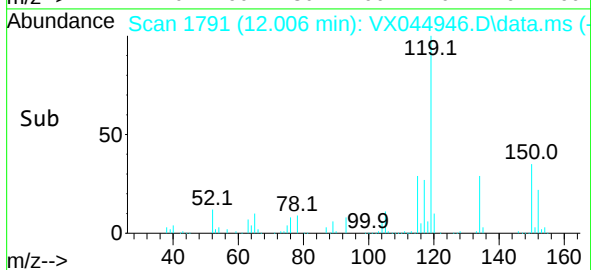
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

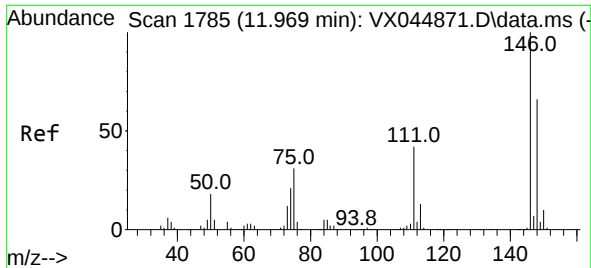


#86
 p-Isopropyltoluene
 Concen: 48.701 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044946.D
 Acq: 12 Feb 2025 20:11



Tgt Ion:119 Resp: 258941
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 46.587 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 126329

Ion Ratio Lower Upper

146 100

111 42.2 21.2 63.6

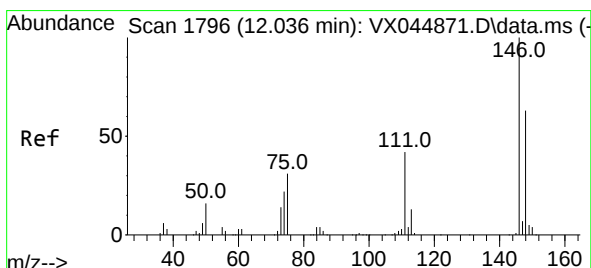
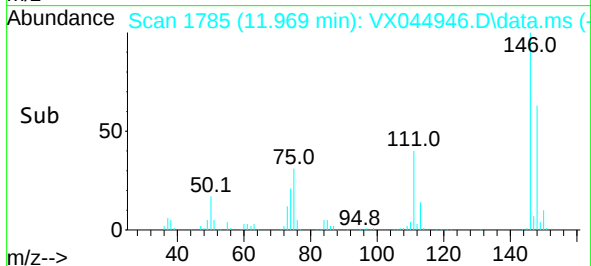
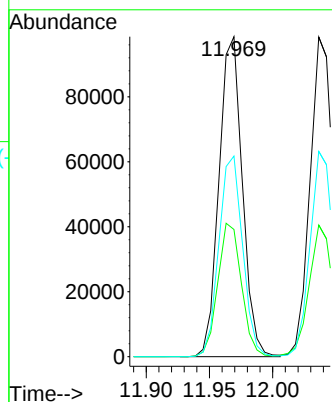
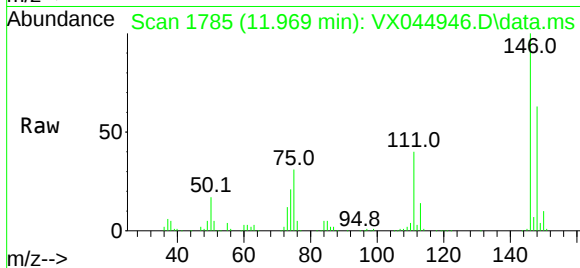
148 63.8 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#88

1,4-Dichlorobenzene

Concen: 46.128 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

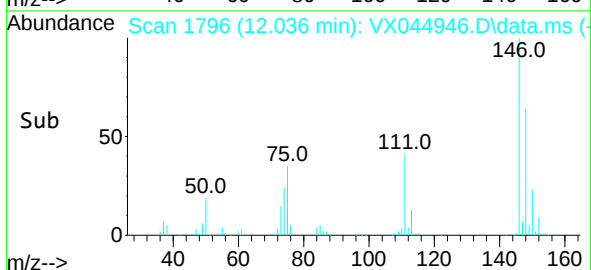
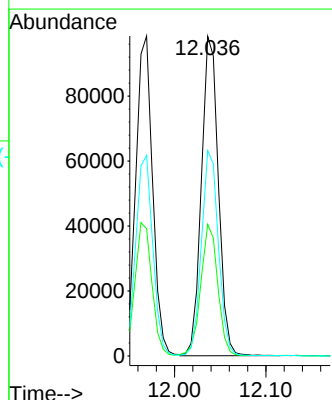
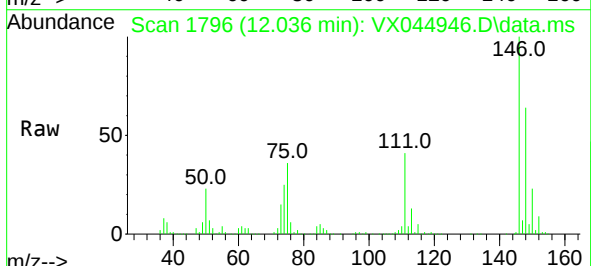
Tgt Ion:146 Resp: 126465

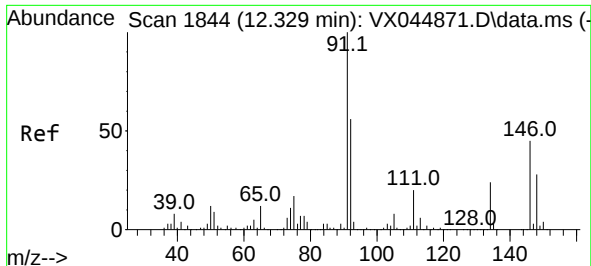
Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

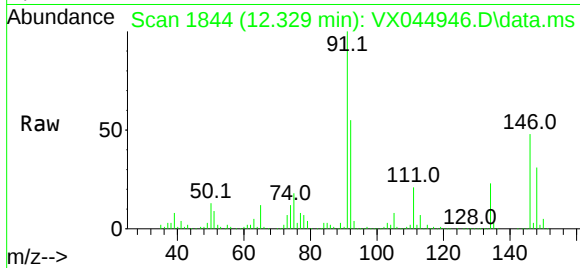
148 64.4 32.0 96.0





#89
n-Butylbenzene
Concen: 49.233 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

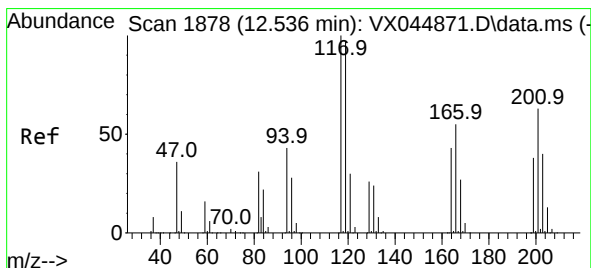
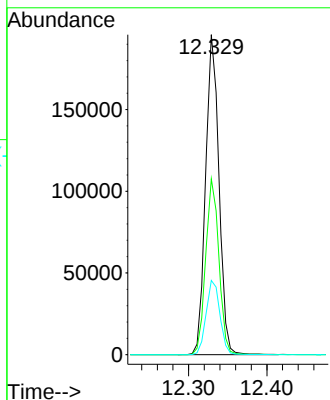
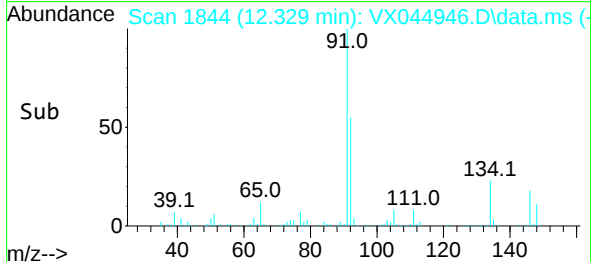
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 231584
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 24.0 12.1 36.3

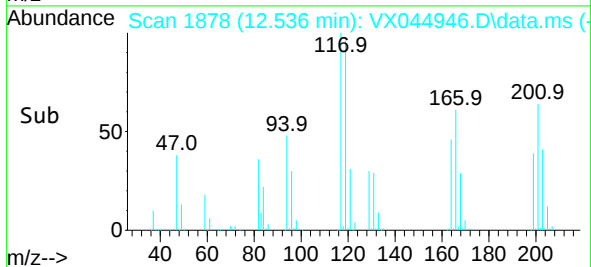
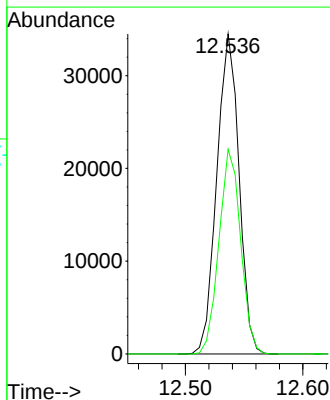
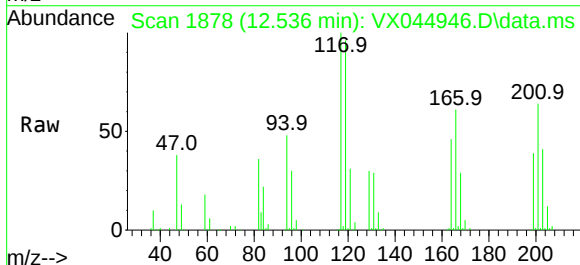
Manual Integrations
APPROVED

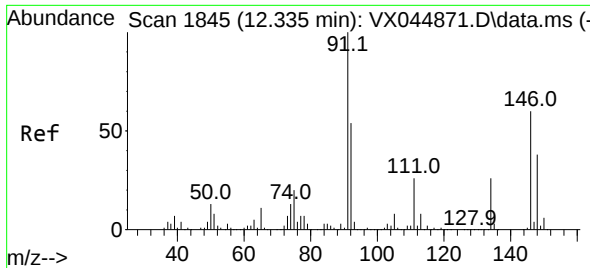
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 45.518 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

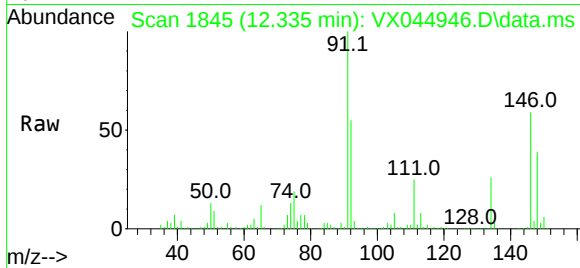
Tgt Ion:117 Resp: 45316
Ion Ratio Lower Upper
117 100
201 62.6 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 47.556 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

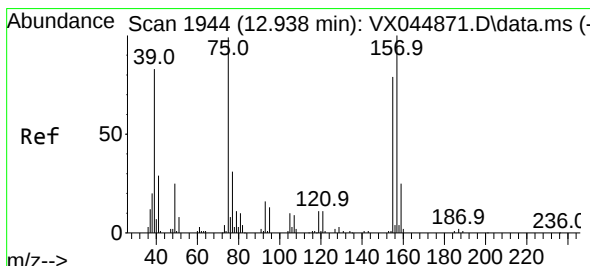
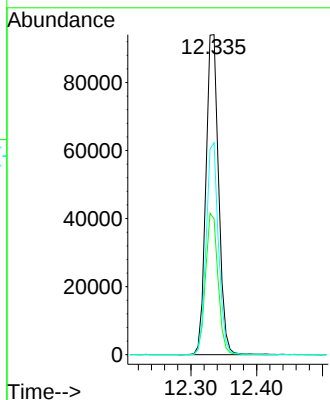
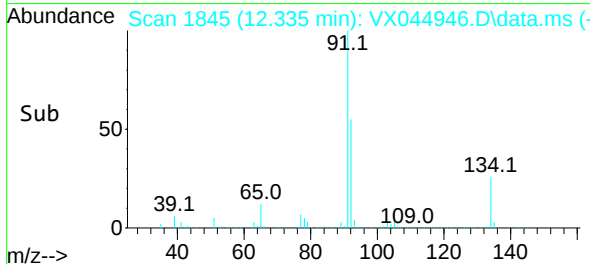
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



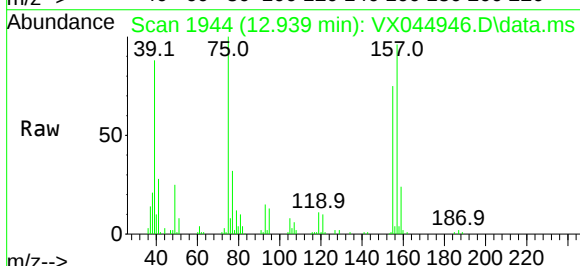
Tgt Ion:146 Resp: 126735
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.4
148 64.1 31.9 95.9

Manual Integrations
APPROVED

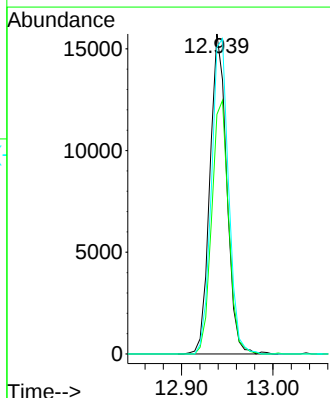
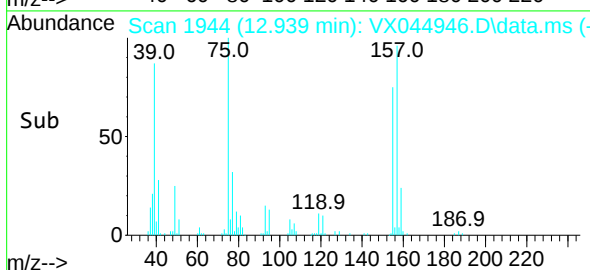
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.133 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion: 75 Resp: 20041
Ion Ratio Lower Upper
75 100
155 79.6 40.5 121.4
157 100.6 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 46.804 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

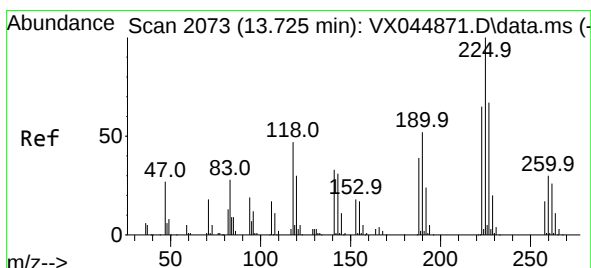
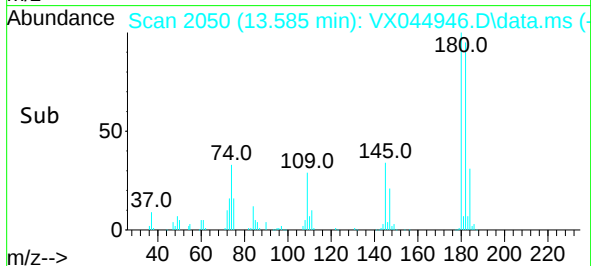
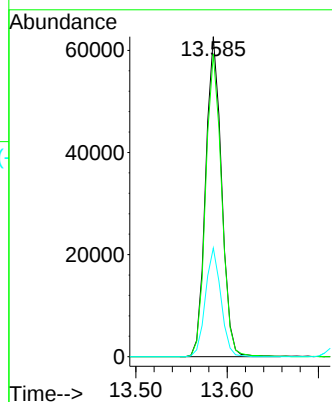
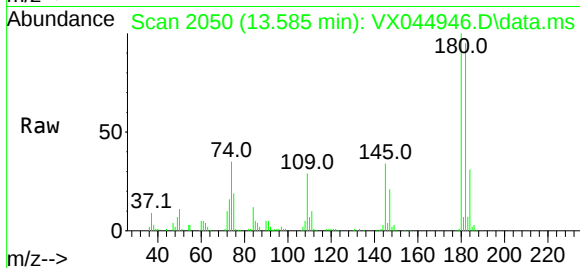
Tgt Ion:180	Resp:	75479
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.6 142.8
145	33.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#94

Hexachlorobutadiene

Concen: 45.235 ug/l

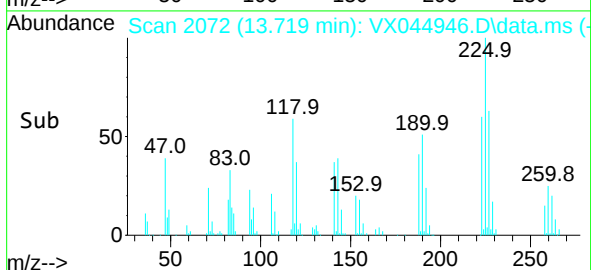
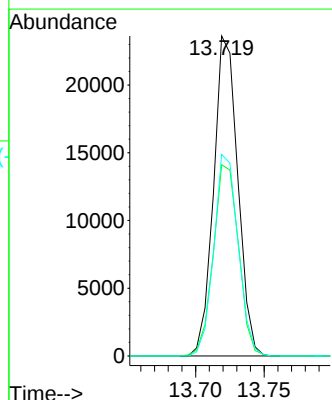
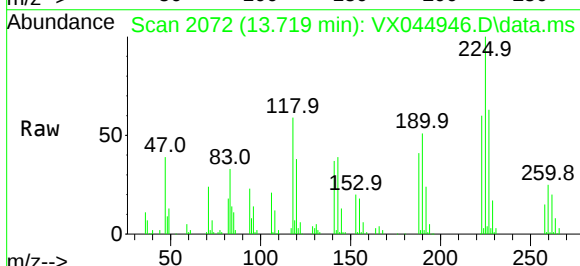
RT: 13.719 min Scan# 2072

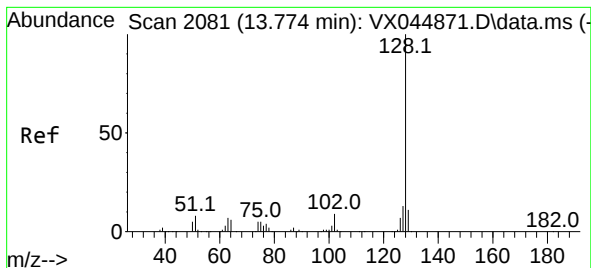
Delta R.T. -0.006 min

Lab File: VX044946.D

Acq: 12 Feb 2025 20:11

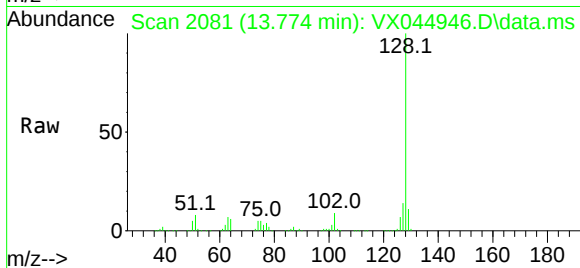
Tgt Ion:225	Resp:	28958
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.4 94.2
227	63.4	32.3 96.8





#95
Naphthalene
Concen: 48.767 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11

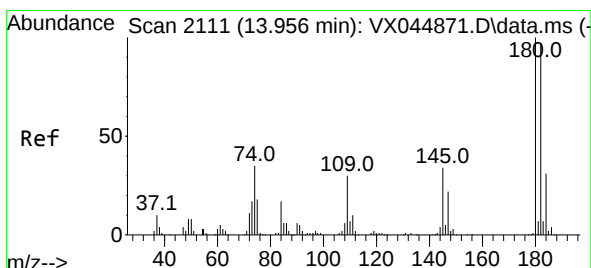
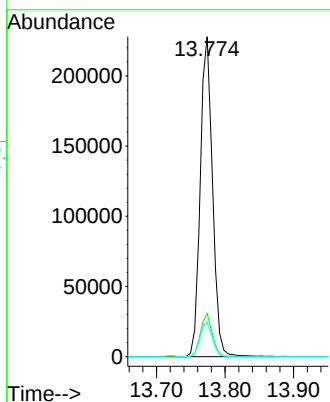
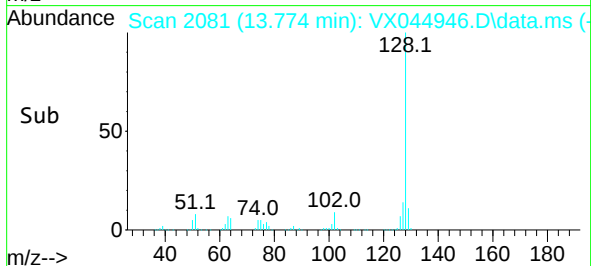
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



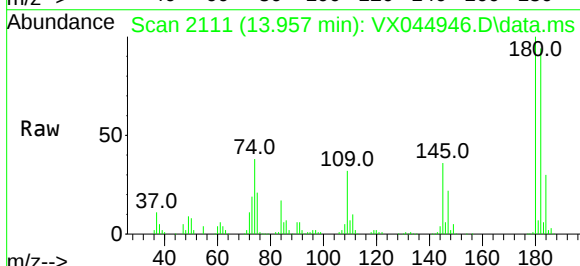
Tgt Ion:128 Resp: 284275
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.943 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044946.D
Acq: 12 Feb 2025 20:11



Tgt Ion:180 Resp: 76278
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 34.8 17.1 51.3

