

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045475.D
 Acq On : 27 Mar 2025 14:27
 Operator : JC/MD
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 01:34:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	82220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72551	55.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.940%			
35) Dibromofluoromethane	5.385	113	52172	54.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.840%			
50) Toluene-d8	8.647	98	174604	50.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	66424	58.202	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22169	21.420	ug/l	94
3) Chloromethane	1.307	50	22034	17.397	ug/l	99
4) Vinyl Chloride	1.368	62	20366	16.209	ug/l	98
5) Bromomethane	1.593	94	9596	19.428	ug/l	94
6) Chloroethane	1.672	64	12521	21.605	ug/l	93
7) Trichlorofluoromethane	1.874	101	32044	19.265	ug/l	98
8) Diethyl Ether	2.130	74	10565	16.239	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	20808	21.775	ug/l	98
10) Methyl Iodide	2.447	142	22886	19.164	ug/l	93
11) Tert butyl alcohol	2.971	59	19486	78.660	ug/l	98
12) 1,1-Dichloroethene	2.313	96	18260	18.074	ug/l	95
13) Acrolein	2.233	56	32704	114.205	ug/l	100
14) Allyl chloride	2.660	41	33895	18.847	ug/l	93
15) Acrylonitrile	3.062	53	60984	91.853	ug/l	98
16) Acetone	2.380	43	77436	127.615	ug/l	94
17) Carbon Disulfide	2.502	76	43967	16.339	ug/l	99
18) Methyl Acetate	2.703	43	26807	18.364	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	65717	19.388	ug/l	96
20) Methylene Chloride	2.782	84	22898	19.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	18004	18.038	ug/l	94
22) Diisopropyl ether	3.757	45	68509	18.731	ug/l #	80
23) Vinyl Acetate	3.721	43	294457	96.473	ug/l	99
24) 1,1-Dichloroethane	3.605	63	37848	18.464	ug/l	99
25) 2-Butanone	4.556	43	95797	104.883	ug/l	99
26) 2,2-Dichloropropane	4.471	77	25228	26.239	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	22747	18.462	ug/l	92
28) Bromochloromethane	4.891	49	21930	22.446	ug/l	98
29) Tetrahydrofuran	5.001	42	54920	89.537	ug/l	98
30) Chloroform	5.087	83	40069	19.674	ug/l	97
31) Cyclohexane	5.458	56	33540	18.850	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	33327	20.260	ug/l	97
36) 1,1-Dichloropropene	5.690	75	25076	19.247	ug/l	99
37) Ethyl Acetate	4.721	43	32412	19.307	ug/l	100
38) Carbon Tetrachloride	5.666	117	27864	21.066	ug/l	92
39) Methylcyclohexane	7.379	83	32730	20.966	ug/l	98
40) Benzene	6.031	78	78266	19.024	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17604	19.393	ug/l	95
42) 1,2-Dichloroethane	6.086	62	33505	22.616	ug/l	95
43) Isopropyl Acetate	6.342	43	49954	20.123	ug/l	99
44) Trichloroethene	7.123	130	18534	19.186	ug/l	95
45) 1,2-Dichloropropane	7.428	63	20266	19.159	ug/l	92
46) Dibromomethane	7.580	93	15542	20.788	ug/l	95
47) Bromodichloromethane	7.818	83	30366	20.707	ug/l	98
48) Methyl methacrylate	7.696	41	26117	20.971	ug/l	93
49) 1,4-Dioxane	7.659	88	10027	381.681	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	177378	106.417	ug/l	97
52) Toluene	8.714	92	48796	20.216	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	24947	20.349	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	29202	20.427	ug/l #	90
55) 1,1,2-Trichloroethane	9.147	97	19837	19.963	ug/l	98
56) Ethyl methacrylate	9.116	69	31122	20.604	ug/l	93
57) 1,3-Dichloropropane	9.305	76	35270	20.510	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	87581	118.863	ug/l	98
59) 2-Hexanone	9.427	43	137034	113.469	ug/l	98
60) Dibromochloromethane	9.519	129	21492	20.685	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19951	20.112	ug/l	99
64) Tetrachloroethene	9.269	164	17677	21.431	ug/l	99
65) Chlorobenzene	10.080	112	52709	19.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	17334	19.100	ug/l	99
67) Ethyl Benzene	10.189	91	92607	19.503	ug/l	100
68) m/p-Xylenes	10.299	106	68134	39.196	ug/l	95
69) o-Xylene	10.640	106	33709	19.227	ug/l	95
70) Styrene	10.653	104	56671	19.977	ug/l	96
71) Bromoform	10.799	173	13214	19.308	ug/l #	100
73) Isopropylbenzene	10.957	105	89691	18.701	ug/l	98
74) N-amyl acetate	10.842	43	43958	19.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	32966	18.731	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28174m	19.700	ug/l	
77) Bromobenzene	11.195	156	21257	18.785	ug/l	97
78) n-propylbenzene	11.299	91	103554	19.113	ug/l	98
79) 2-Chlorotoluene	11.360	91	64395	18.663	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75884	19.568	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7487	17.915	ug/l #	82
82) 4-Chlorotoluene	11.451	91	72919	19.391	ug/l	98
83) tert-Butylbenzene	11.713	119	74197	18.621	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	75093	19.245	ug/l	99
85) sec-Butylbenzene	11.890	105	93285	19.544	ug/l	99
86) p-Isopropyltoluene	12.006	119	75158	19.485	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	38573	19.108	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	37729	18.473	ug/l	98
89) n-Butylbenzene	12.329	91	63725	19.182	ug/l	99
90) Hexachloroethane	12.536	117	12970	18.590	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	38422	18.973	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6678	19.476	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	21247	18.426	ug/l	99
94) Hexachlorobutadiene	13.725	225	9106	19.262	ug/l	99
95) Naphthalene	13.774	128	79432	17.929	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22045	18.122	ug/l	98

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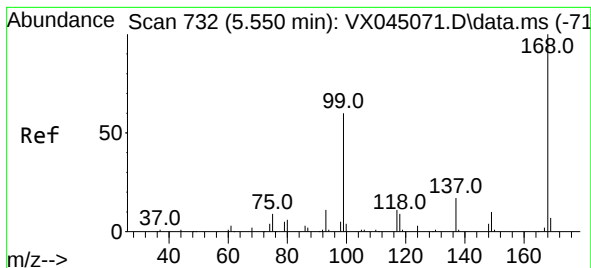
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 01:34:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.006 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion:168 Resp: 82220

Ion Ratio Lower Upper

168 100

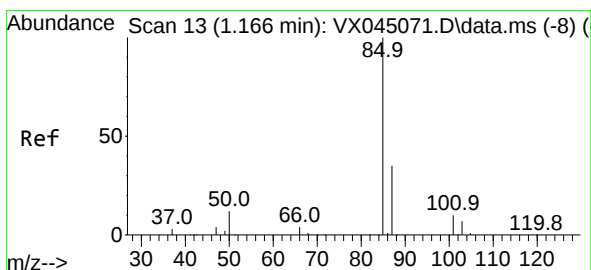
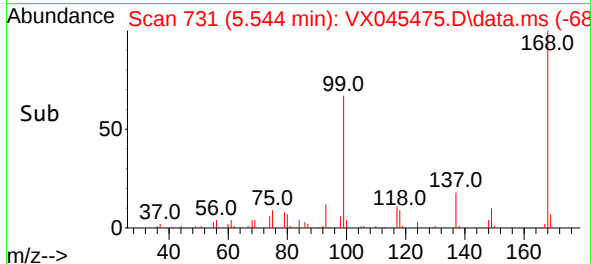
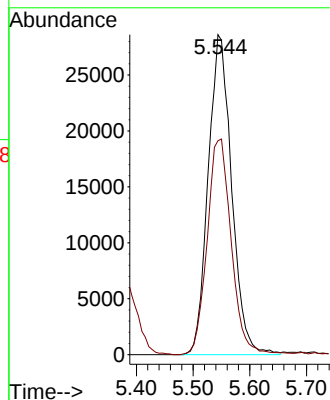
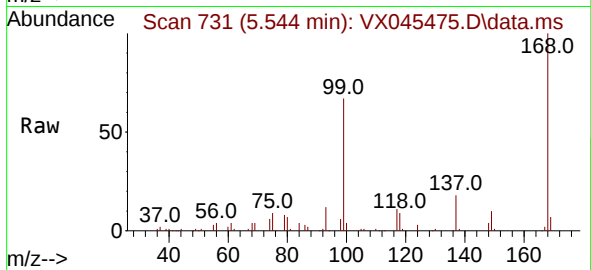
99 66.8 48.2 72.4

Manual Integrations

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Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#2

Dichlorodifluoromethane

Concen: 21.420 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX045475.D

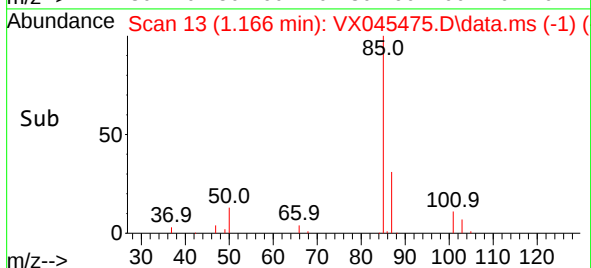
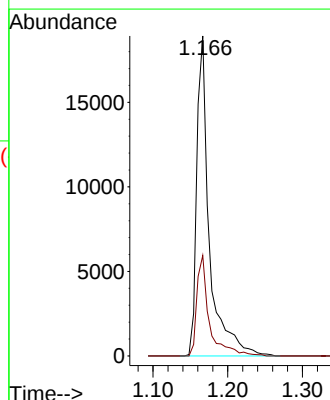
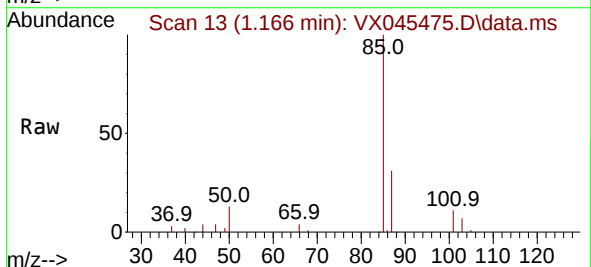
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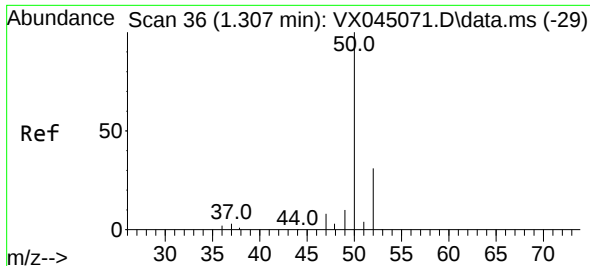
Tgt Ion: 85 Resp: 22169

Ion Ratio Lower Upper

85 100

87 31.4 17.4 52.3





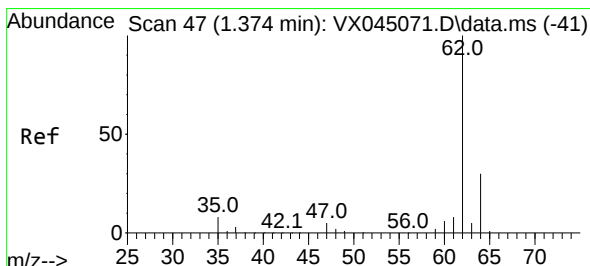
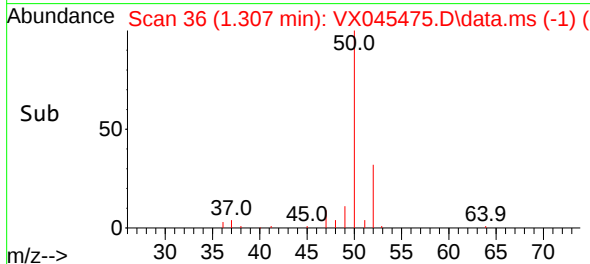
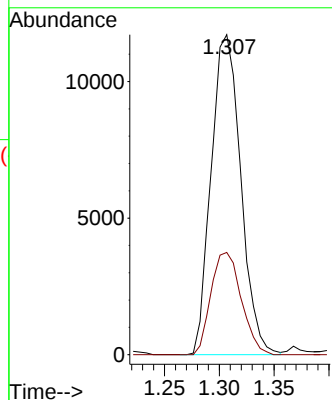
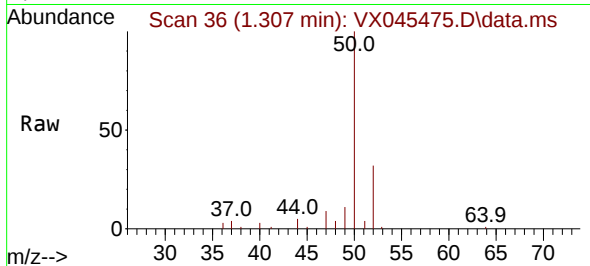
#3
Chloromethane
Concen: 17.397 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 50 Resp: 22034
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4

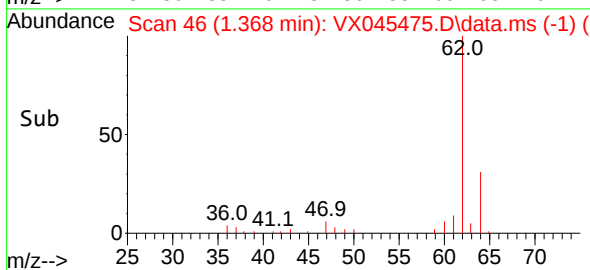
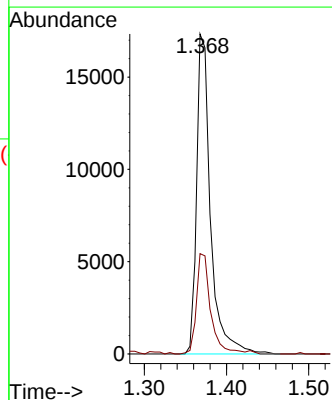
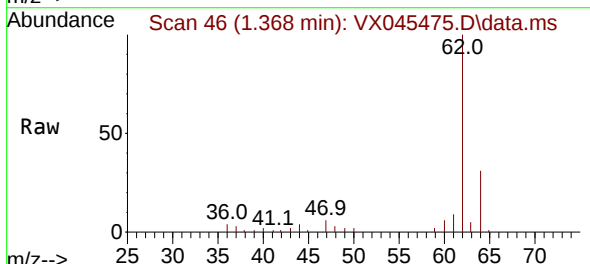
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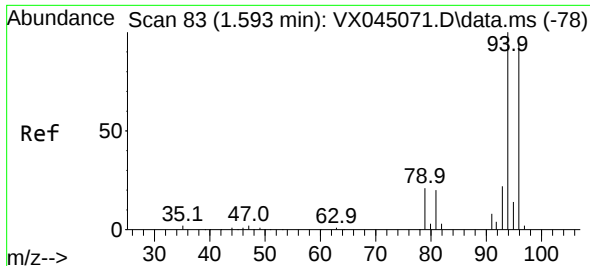
Reviewed By :John Carlone 03/28/2025
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#4
Vinyl Chloride
Concen: 16.209 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

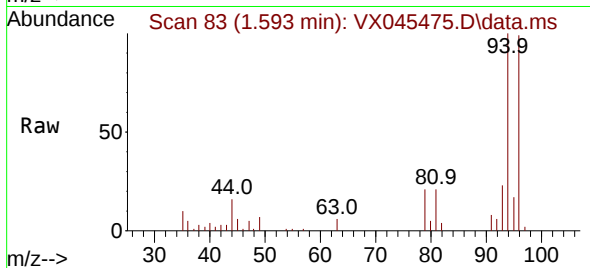
Tgt Ion: 62 Resp: 20366
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 19.428 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

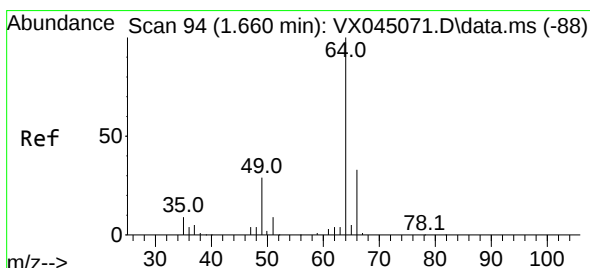
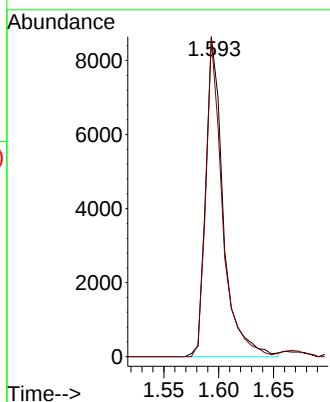
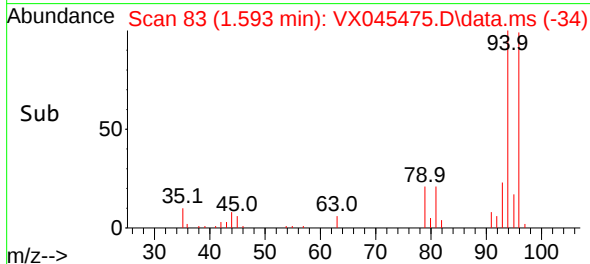
Instrument :
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Tgt Ion: 94 Resp: 9590
Ion Ratio Lower Upper
94 100
96 99.4 75.0 112.4

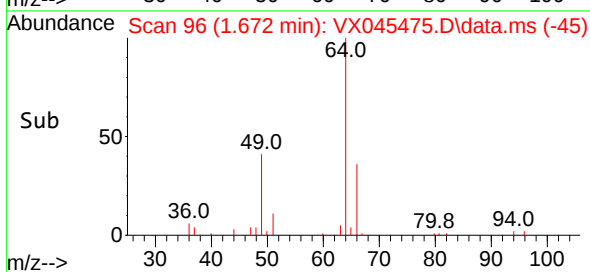
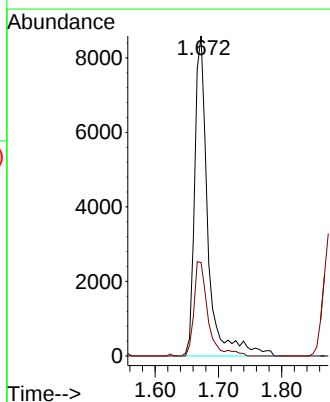
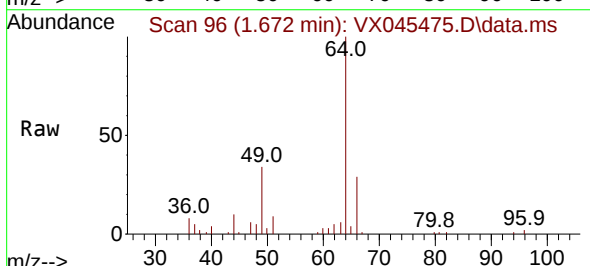
Manual Integrations
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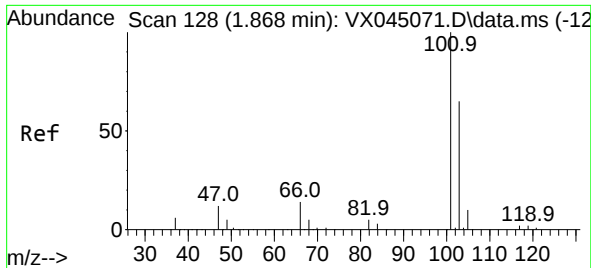
Reviewed By :John Carlone 03/28/2025
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#6
Chloroethane
Concen: 21.605 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

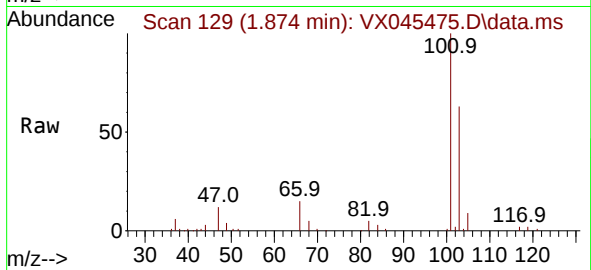
Tgt Ion: 64 Resp: 12521
Ion Ratio Lower Upper
64 100
66 29.2 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 19.265 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

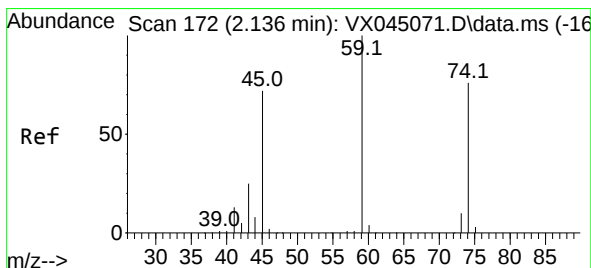
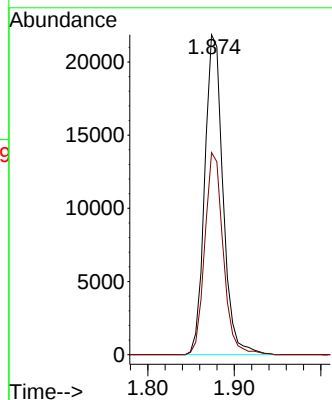
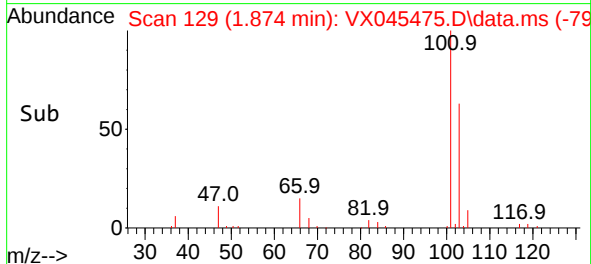
Instrument :
 MSVOA_X
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 VX0327WBSD01



Tgt Ion:101 Resp: 3204
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.1 78.1

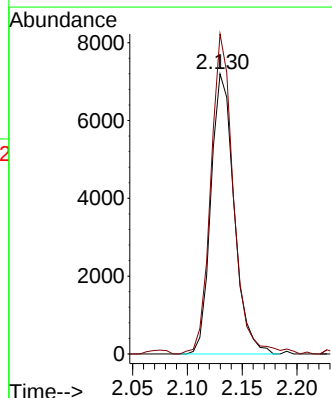
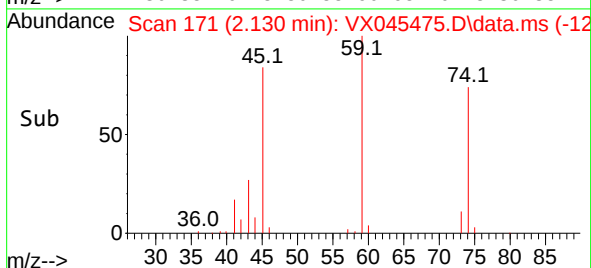
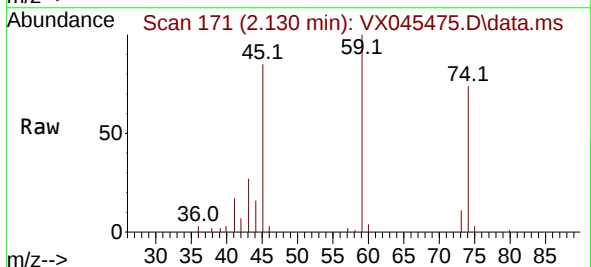
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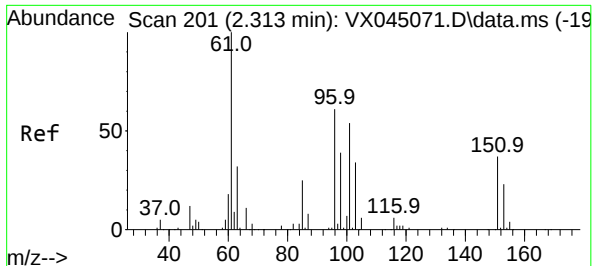
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#8
 Diethyl Ether
 Concen: 16.239 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

Tgt Ion: 74 Resp: 10565
 Ion Ratio Lower Upper
 74 100
 45 111.8 51.5 154.5





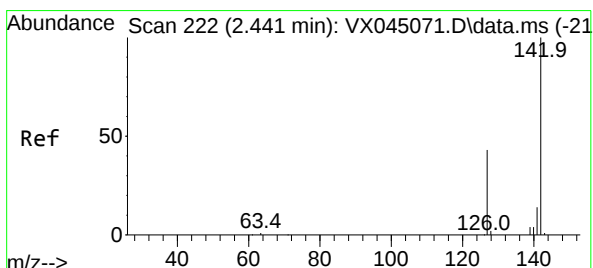
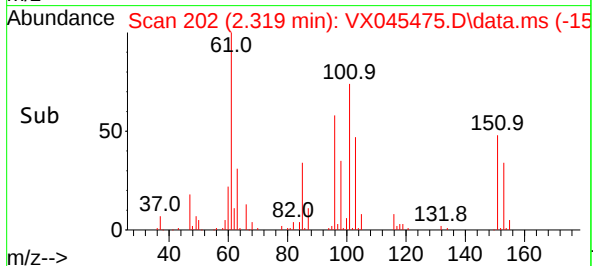
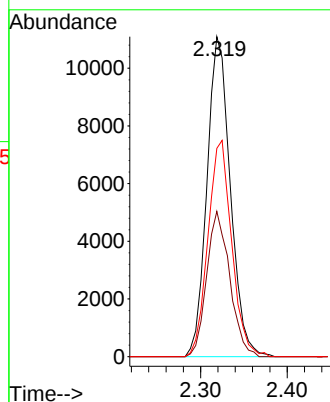
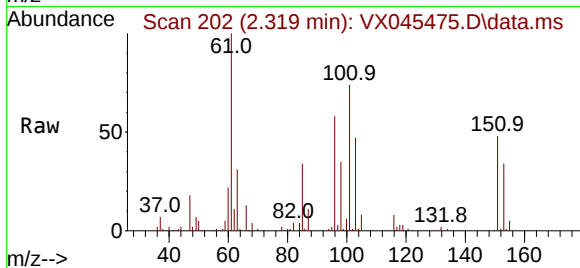
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.775 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:101 Resp: 20808
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.4
151 68.7 56.4 84.6

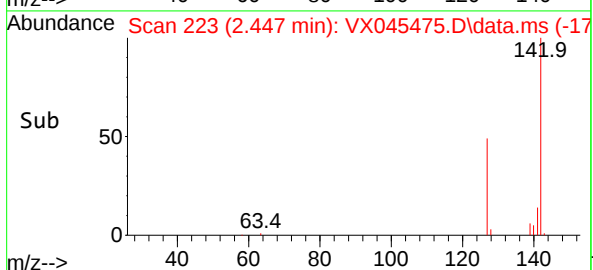
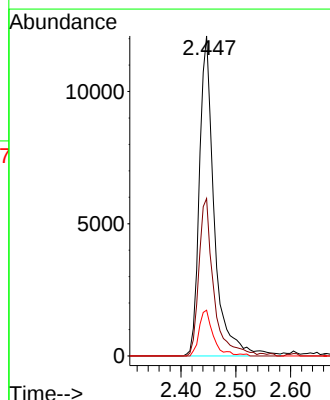
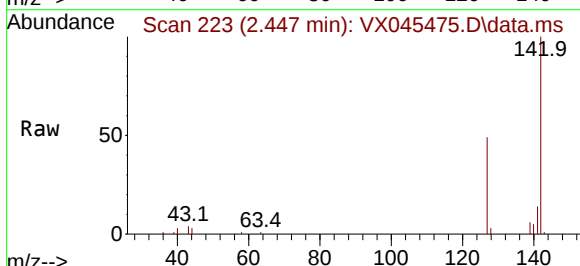
Manual Integrations
APPROVED

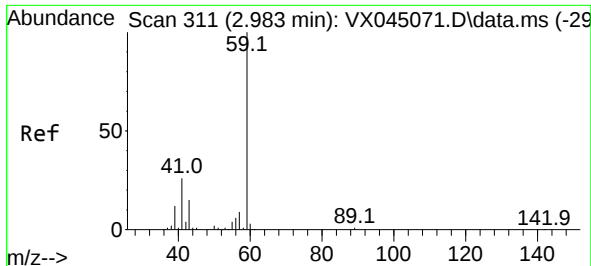
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 19.164 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

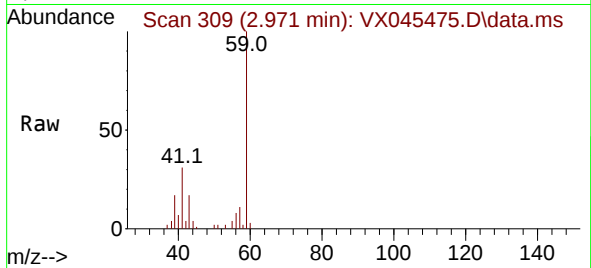
Tgt Ion:142 Resp: 22886
Ion Ratio Lower Upper
142 100
127 49.5 35.4 53.2
141 13.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 78.660 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

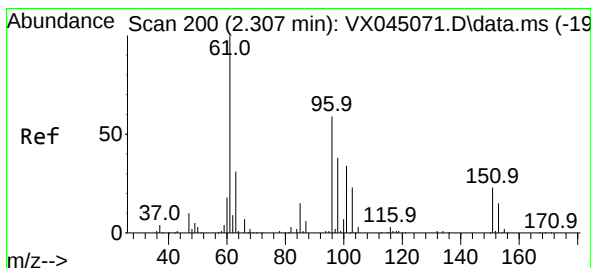
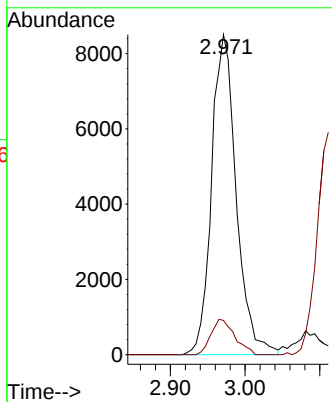
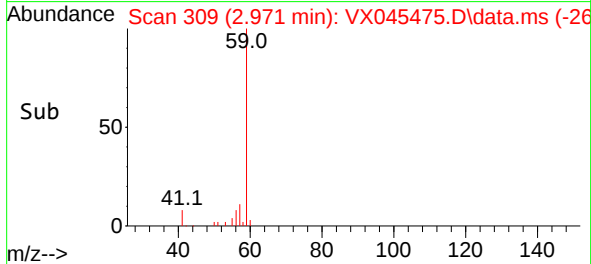
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 59 Resp: 19480
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8

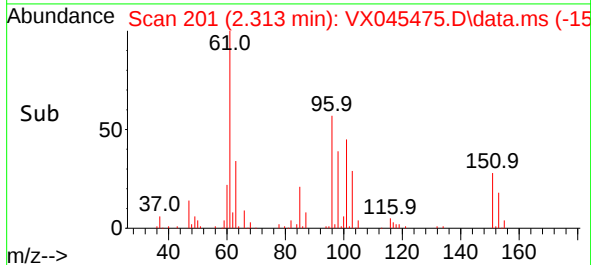
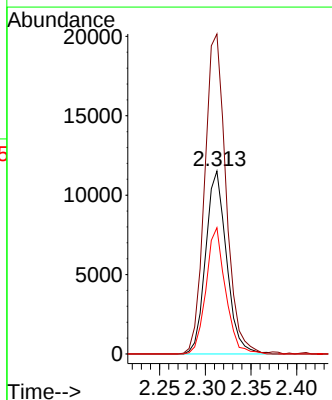
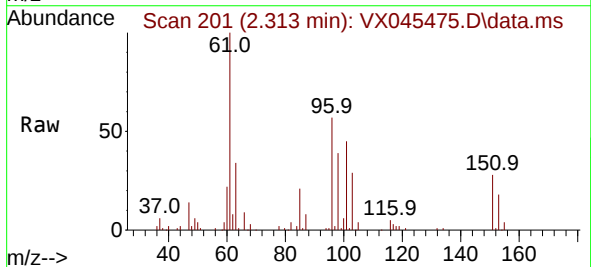
Manual Integrations
APPROVED

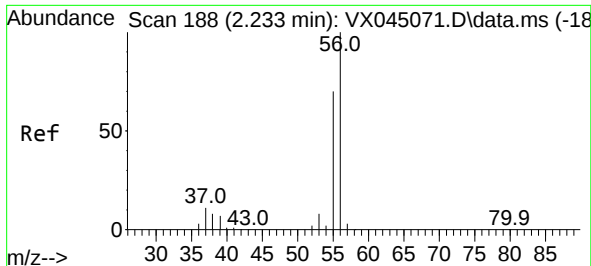
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 18.074 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

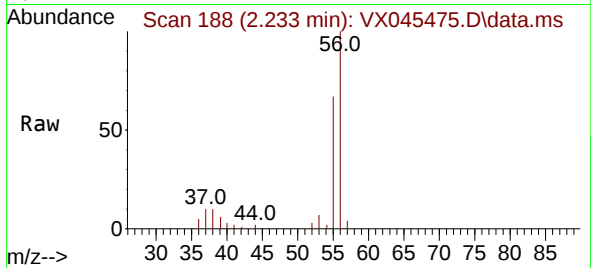
Tgt Ion: 96 Resp: 18260
Ion Ratio Lower Upper
96 100
61 175.1 134.6 202.0
98 69.1 51.0 76.6





#13
Acrolein
Concen: 114.205 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

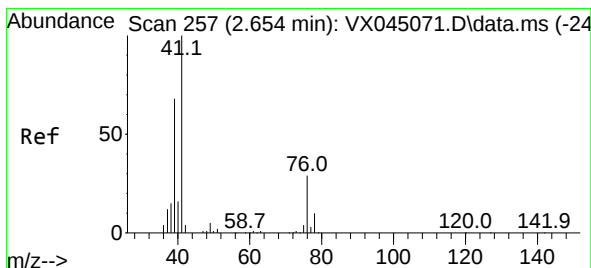
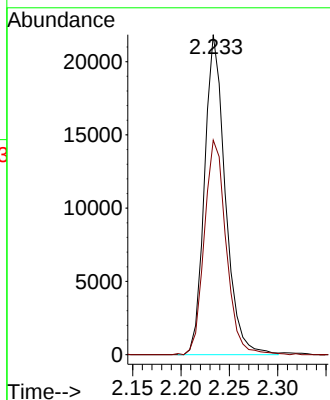
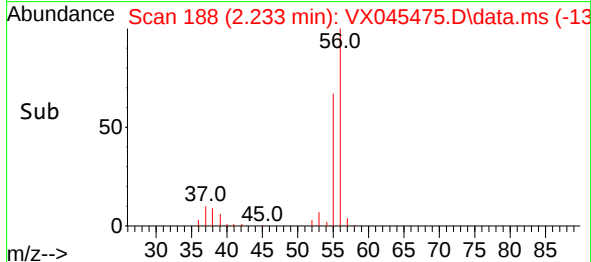
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 56 Resp: 32704
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4

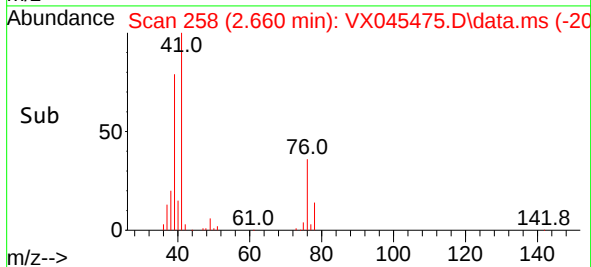
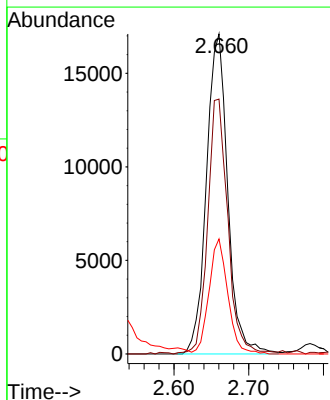
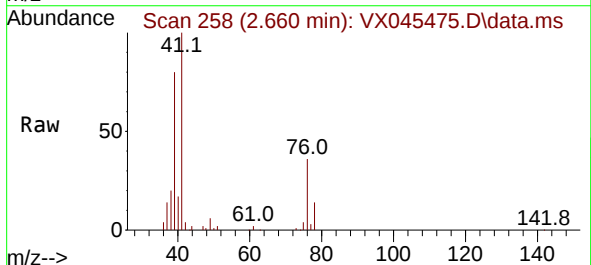
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 18.847 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

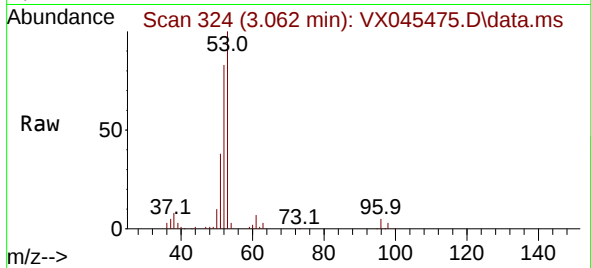
Tgt Ion: 41 Resp: 33895
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.8
76 31.8 25.2 37.8





#15
Acrylonitrile
Concen: 91.853 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

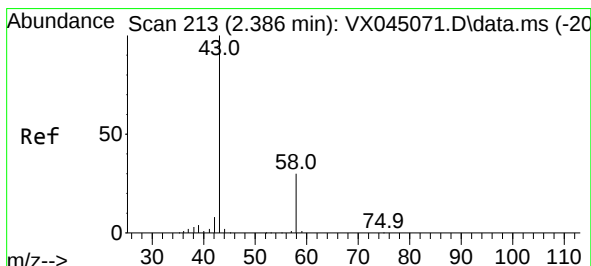
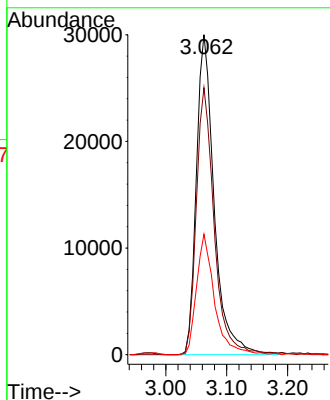
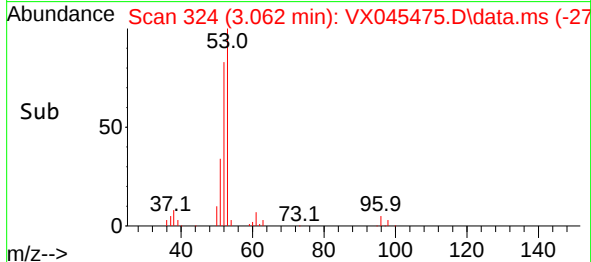
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 53 Resp: 60984
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 38.0 29.0 43.4

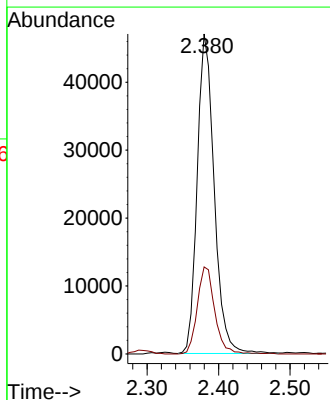
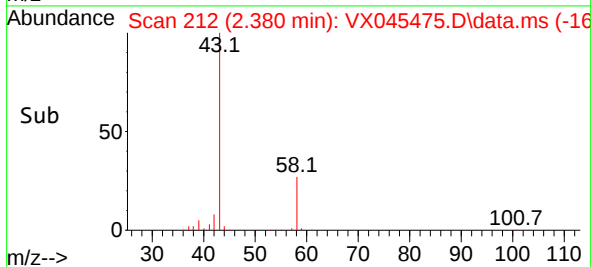
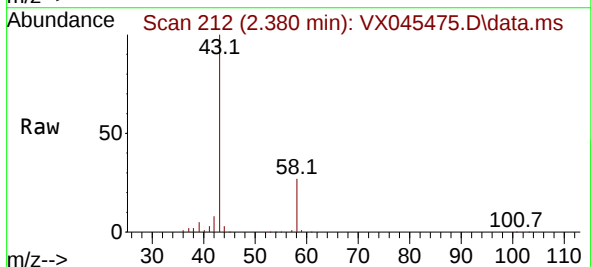
Manual Integrations
APPROVED

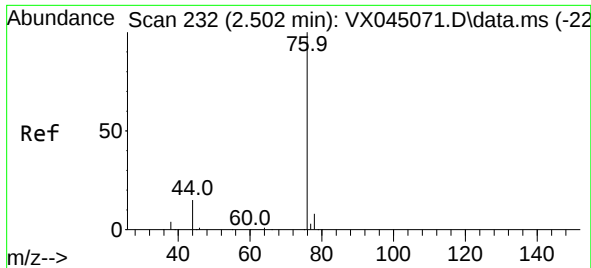
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 127.615 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

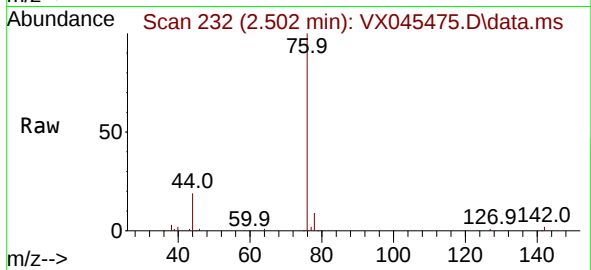
Tgt Ion: 43 Resp: 77436
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.4





#17
Carbon Disulfide
Concen: 16.339 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

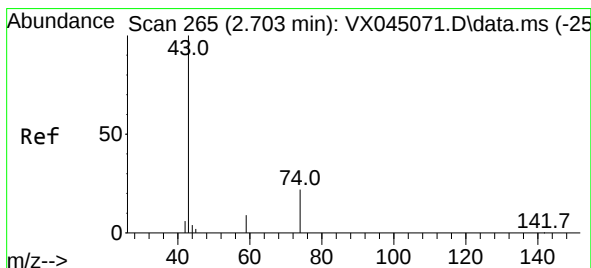
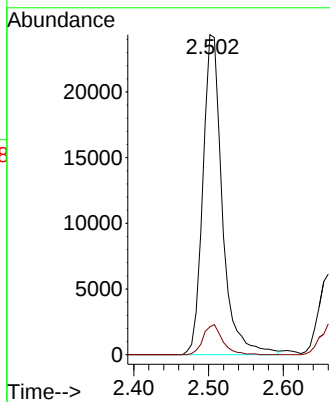
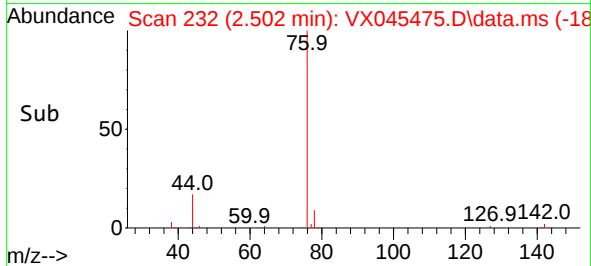
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 76 Resp: 4396
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

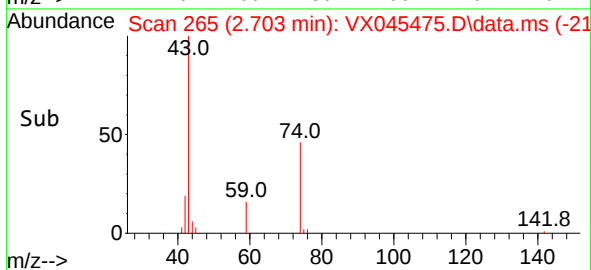
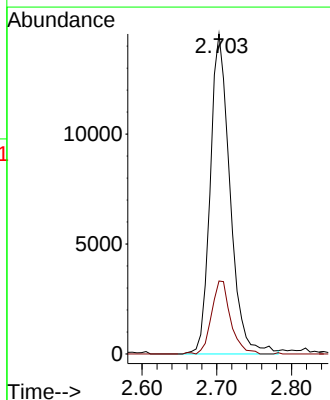
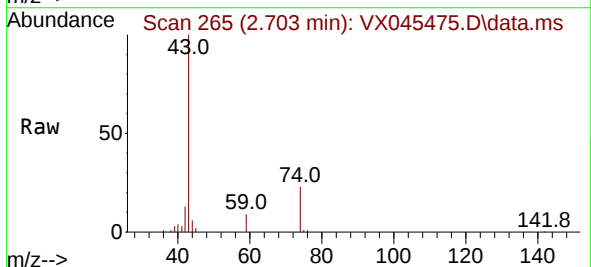
Manual Integrations
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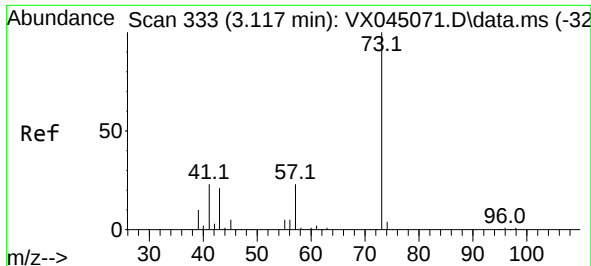
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 18.364 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 43 Resp: 26807
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





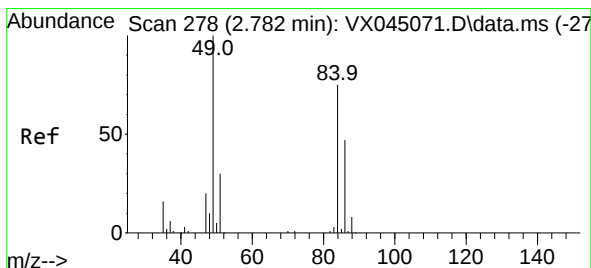
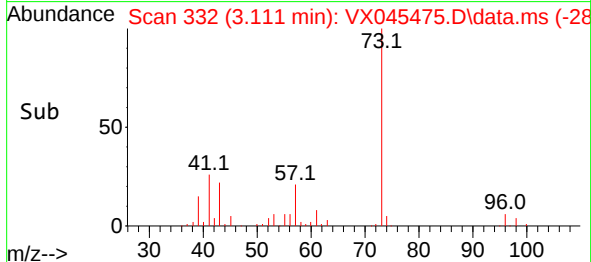
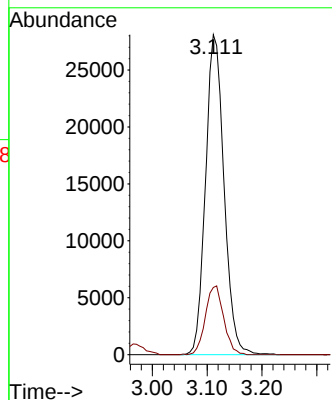
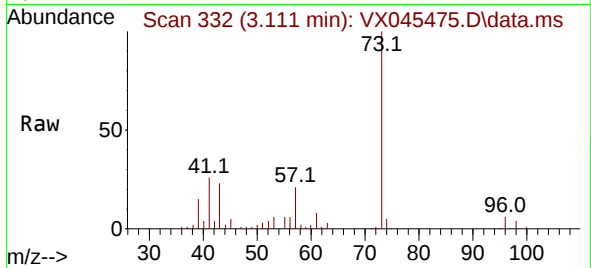
#19
Methyl tert-butyl Ether
Concen: 19.388 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 73 Resp: 6571
Ion Ratio Lower Upper
73 100
57 21.0 18.5 27.7

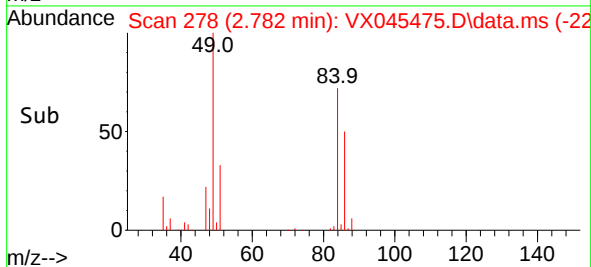
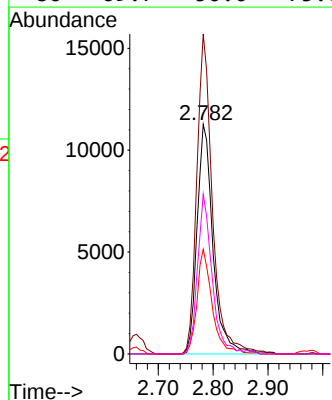
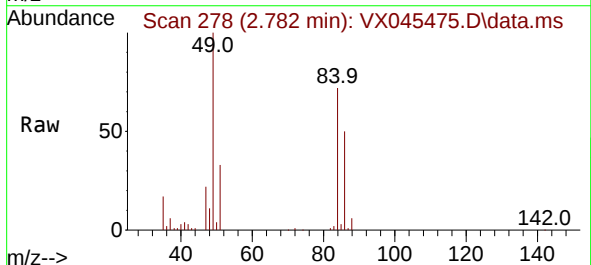
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 19.050 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 84 Resp: 22898
Ion Ratio Lower Upper
84 100
49 139.4 106.5 159.7
51 45.6 32.1 48.1
86 69.7 50.0 75.0





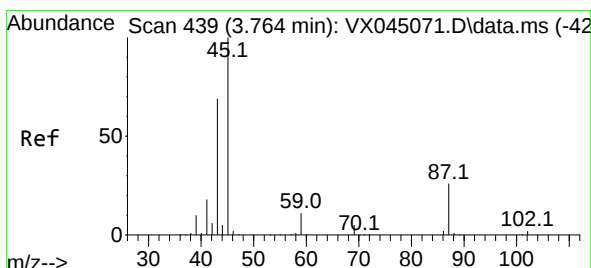
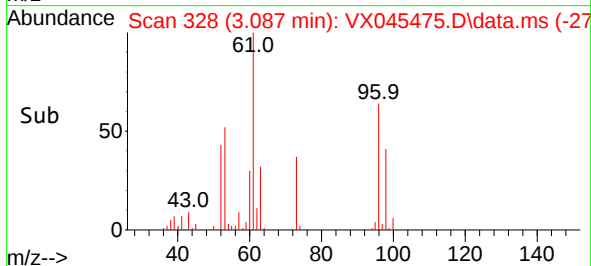
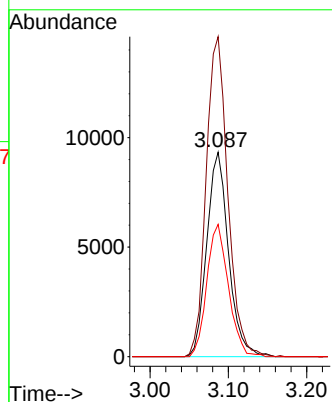
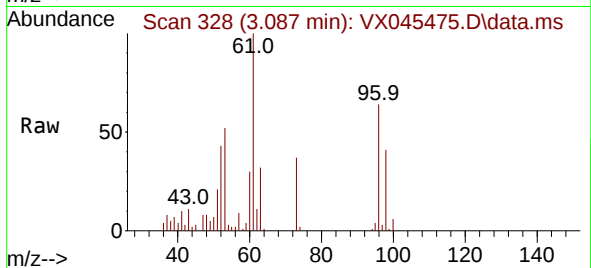
#21
trans-1,2-Dichloroethene
Concen: 18.038 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 96 Resp: 18004
Ion Ratio Lower Upper
96 100
61 156.5 117.0 175.4
98 64.7 53.4 80.2

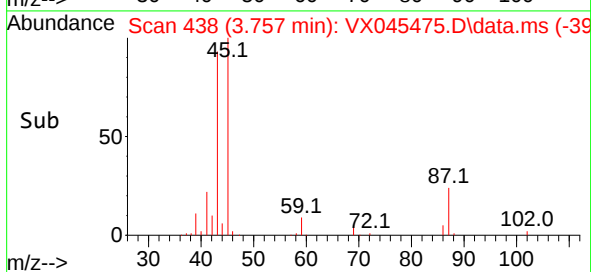
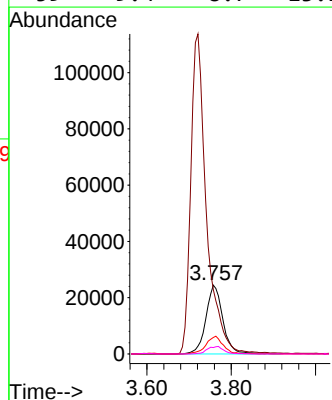
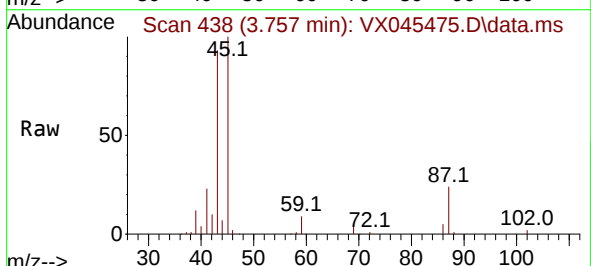
Manual Integrations
APPROVED

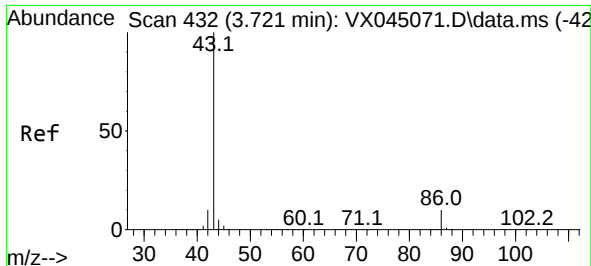
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 18.731 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

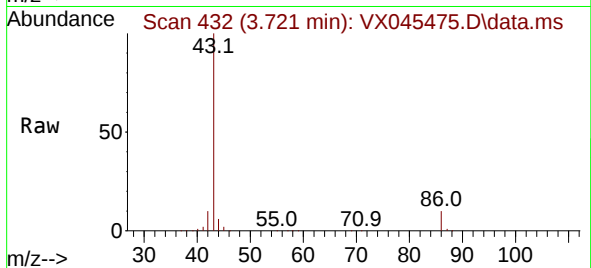
Tgt Ion: 45 Resp: 68509
Ion Ratio Lower Upper
45 100
43 92.2 54.9 82.3#
87 24.0 21.0 31.4
59 9.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 96.473 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

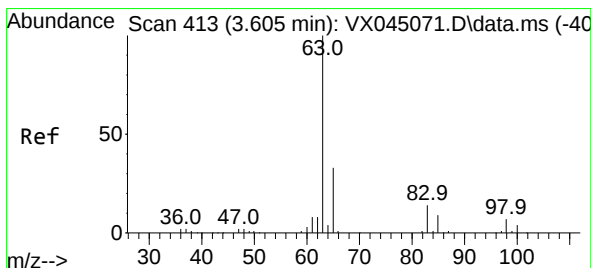
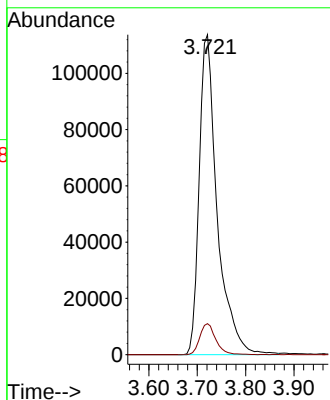
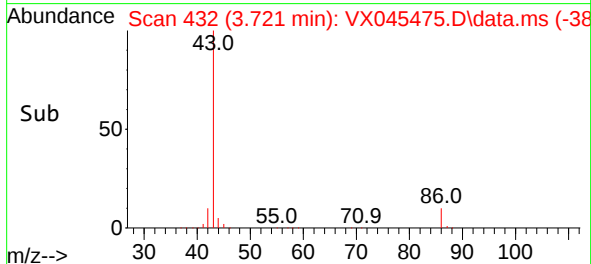
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01



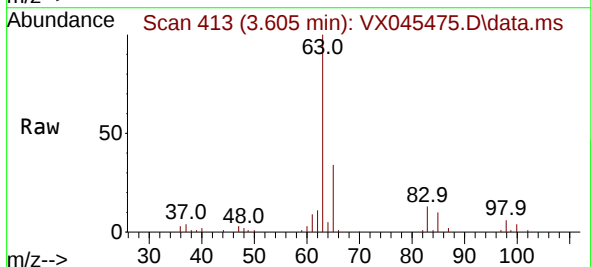
Tgt Ion: 43 Resp: 29445
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

Manual Integrations
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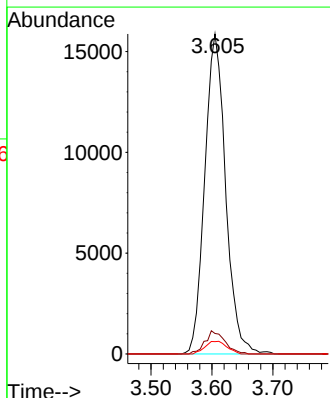
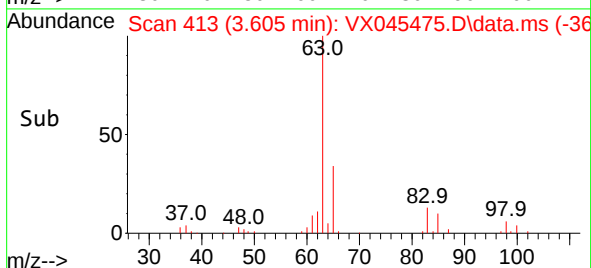
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#24
 1,1-Dichloroethane
 Concen: 18.464 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27



Tgt Ion: 63 Resp: 37848
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 3.8 2.1 6.5





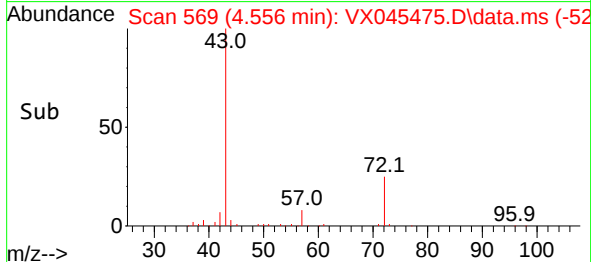
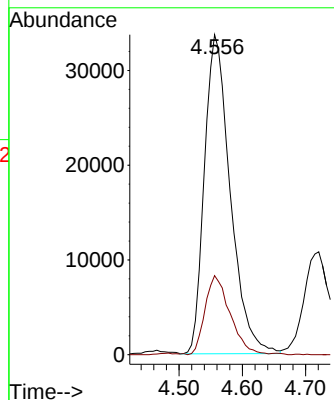
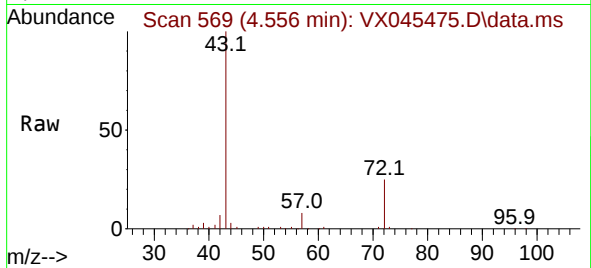
#25
2-Butanone
Concen: 104.883 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 43 Resp: 9579
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0

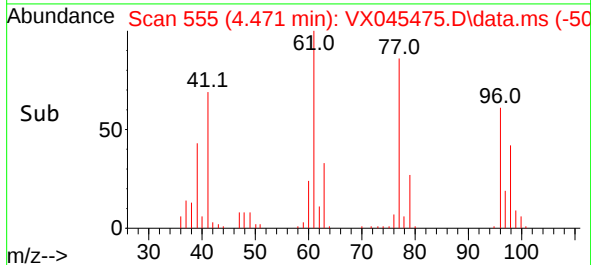
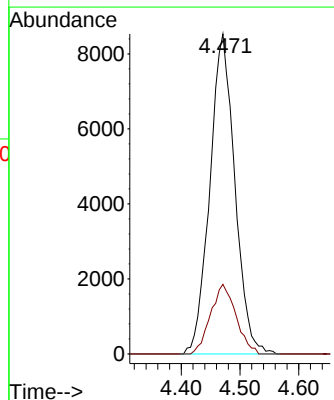
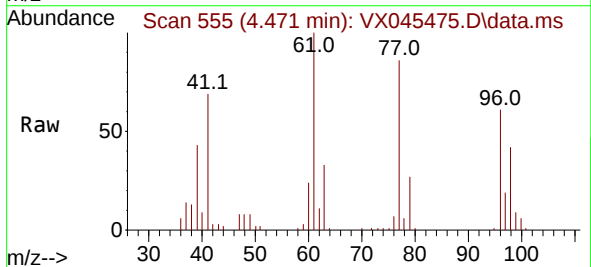
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#26
2,2-Dichloropropane
Concen: 26.239 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

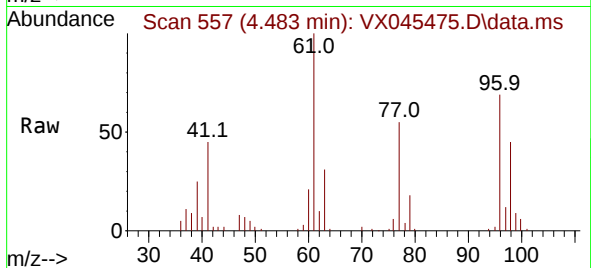
Tgt Ion: 77 Resp: 25228
Ion Ratio Lower Upper
77 100
97 22.1 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.462 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

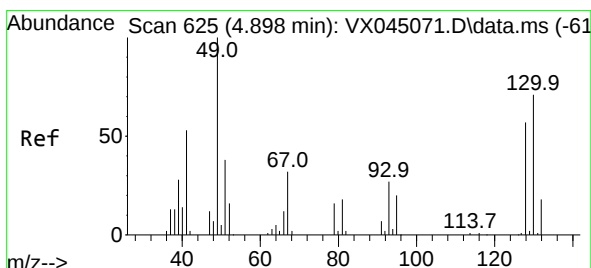
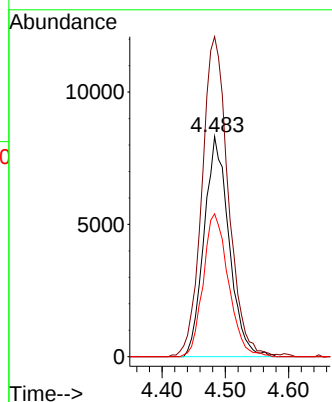
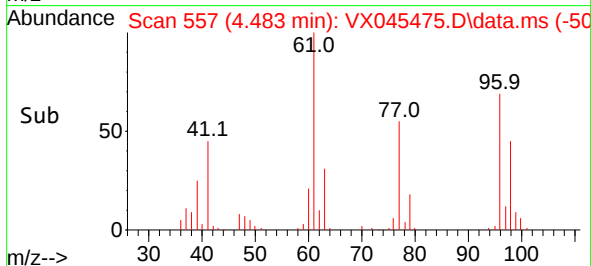
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01



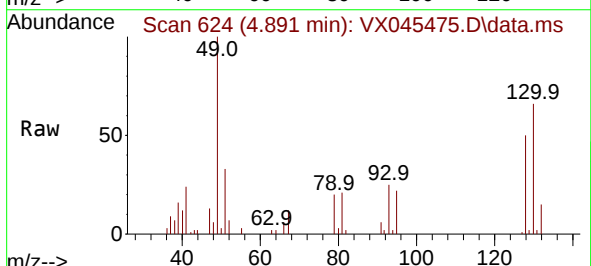
Tgt Ion: 96 Resp: 2274
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 283.2
 98 65.7 0.0 128.0

Manual Integrations
 APPROVED

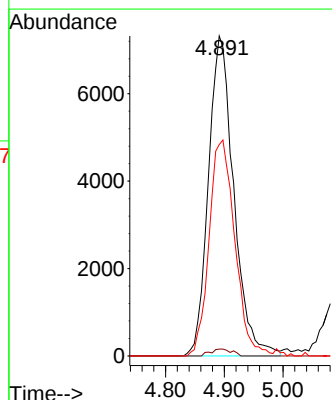
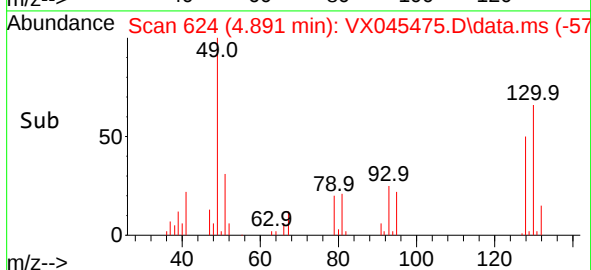
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

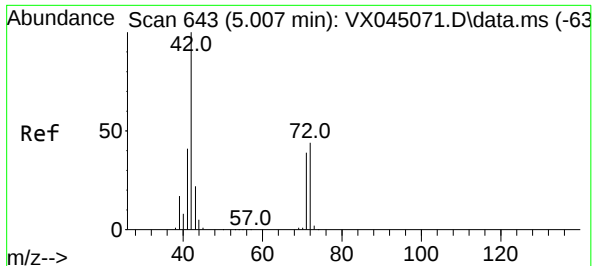


#28
 Bromochloromethane
 Concen: 22.446 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27



Tgt Ion: 49 Resp: 21930
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 68.5 56.1 84.1





#29

Tetrahydrofuran

Concen: 89.537 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

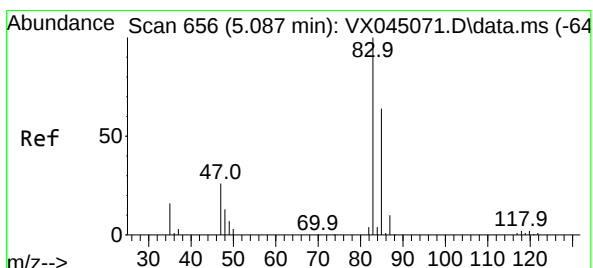
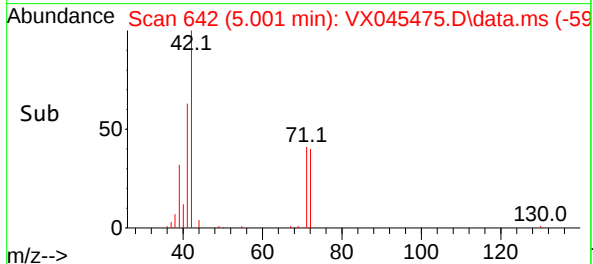
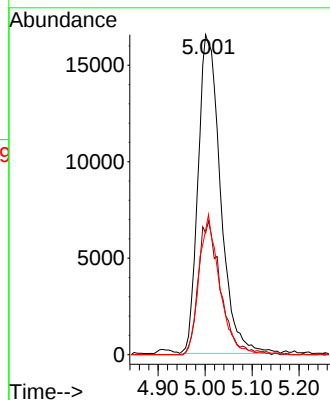
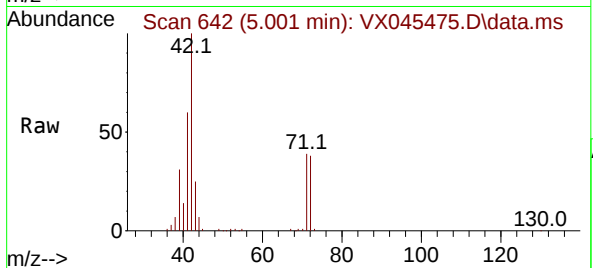
Tgt Ion: 42	Resp: 54920
Ion Ratio	Lower Upper
42 100	
72 41.7	34.1 51.1
71 40.3	31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 19.674 ug/l

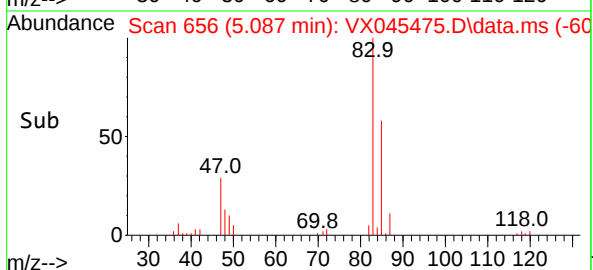
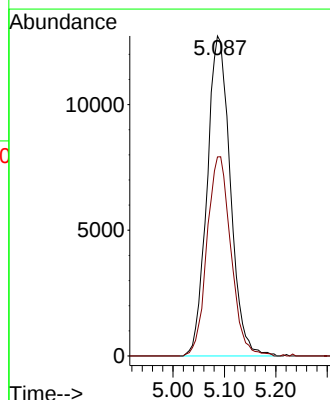
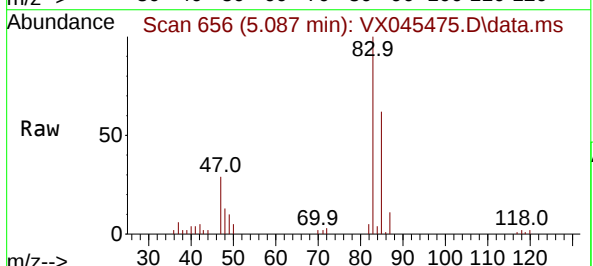
RT: 5.087 min Scan# 656

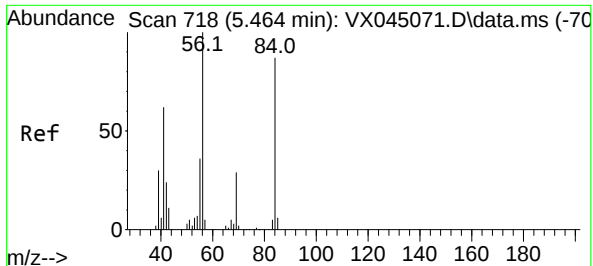
Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

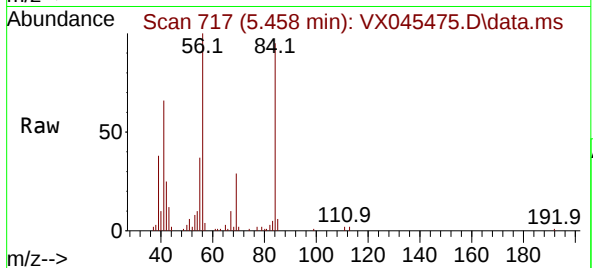
Tgt Ion: 83	Resp: 40069
Ion Ratio	Lower Upper
83 100	
85 62.2	51.4 77.2





#31
Cyclohexane
Concen: 18.850 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

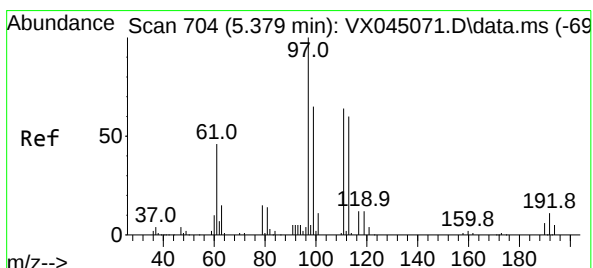
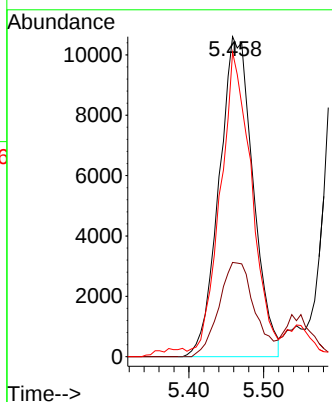
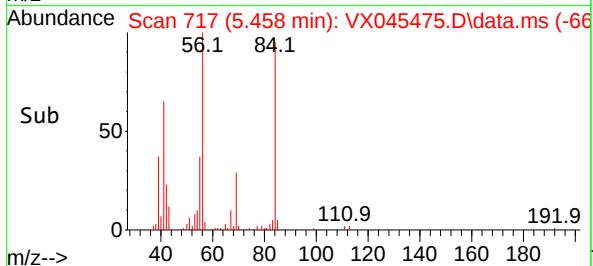
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 56 Resp: 33540
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 93.0 69.4 104.2

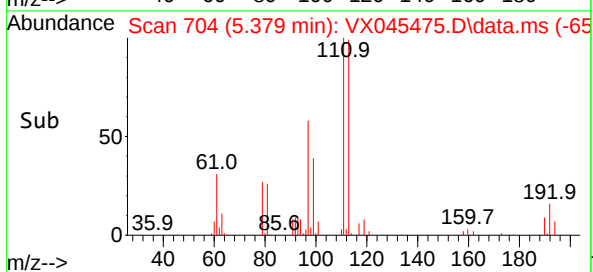
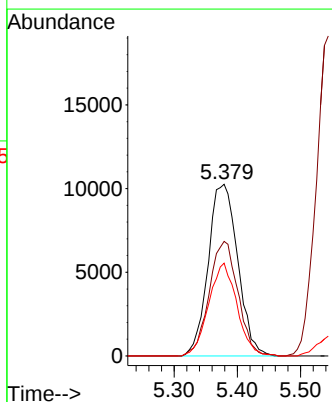
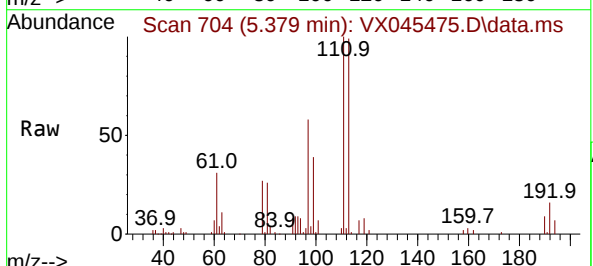
Manual Integrations
APPROVED

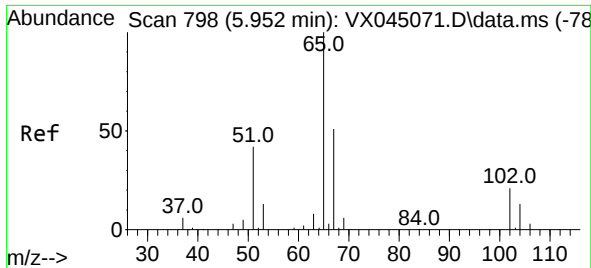
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 20.260 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 97 Resp: 33327
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 51.7 38.4 57.6





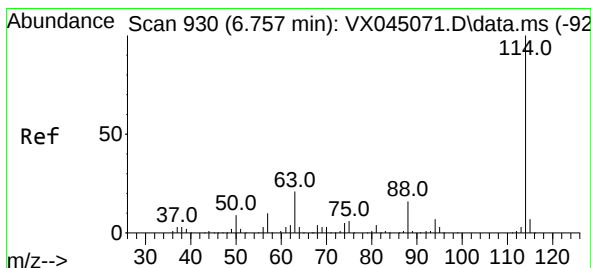
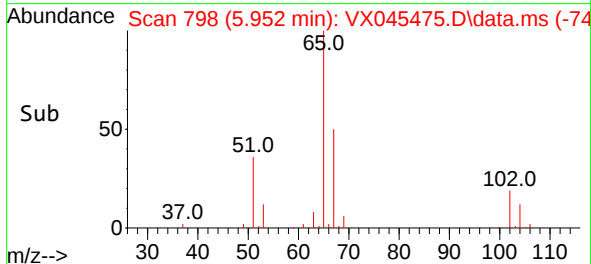
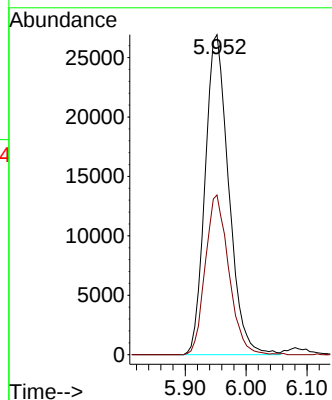
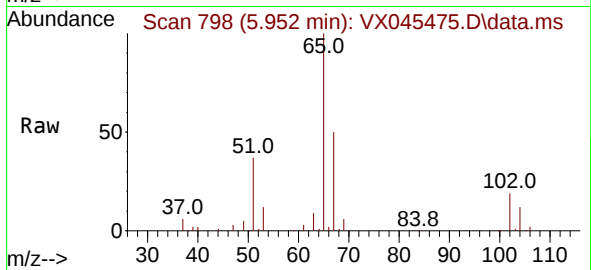
#33
 1,2-Dichloroethane-d4
 Concen: 55.474 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tgt Ion: 65 Resp: 7255
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 106.2

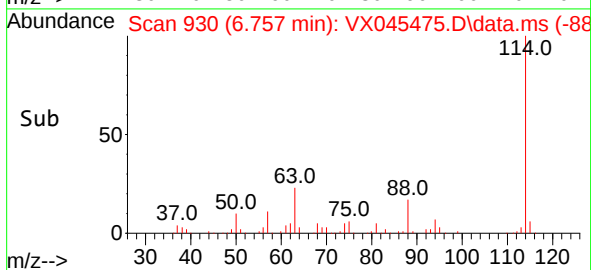
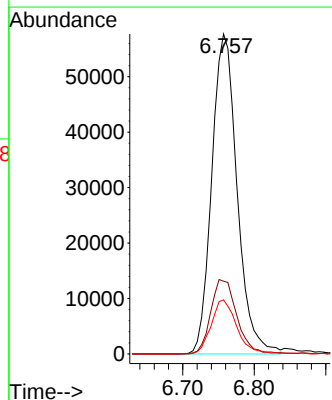
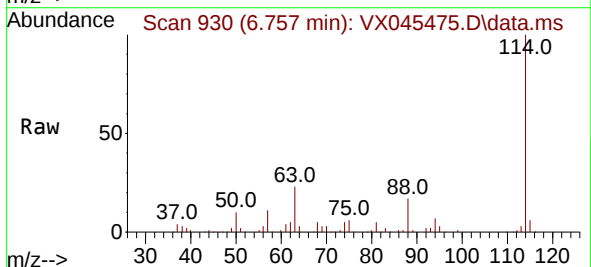
Manual Integrations
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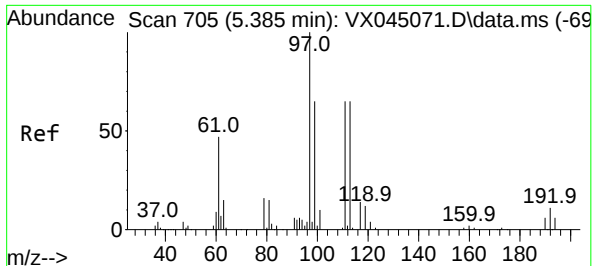
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

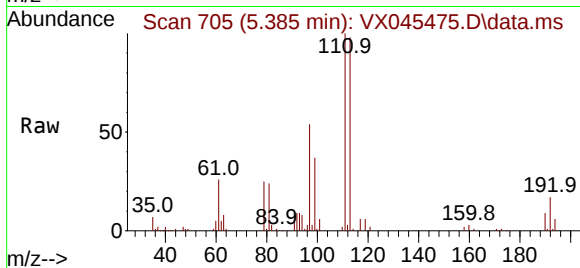
Tgt Ion:114 Resp: 142072
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 41.8
 88 16.9 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.918 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

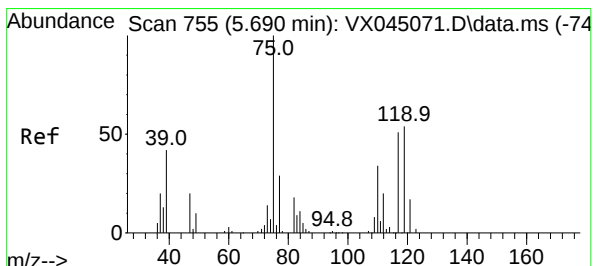
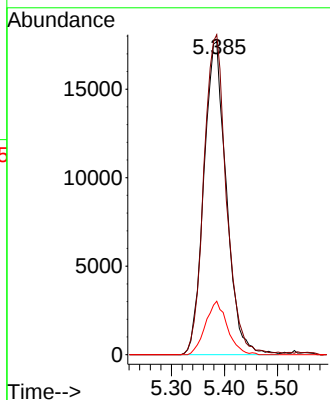
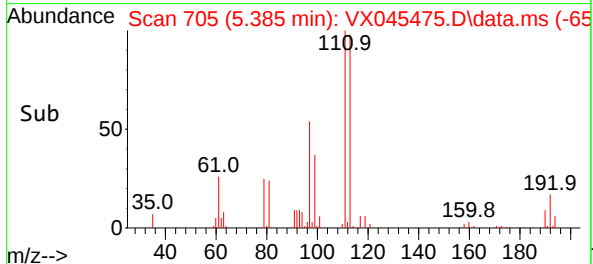
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:113 Resp: 52172
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.6 14.3 21.5

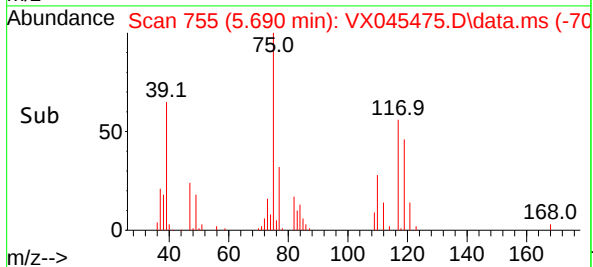
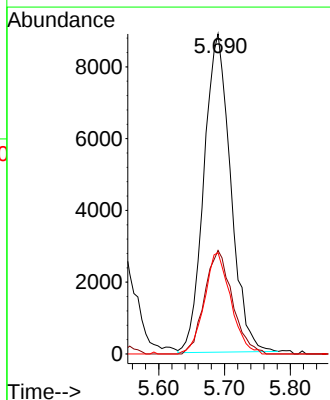
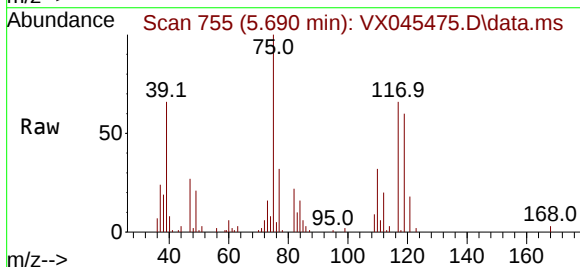
Manual Integrations
APPROVED

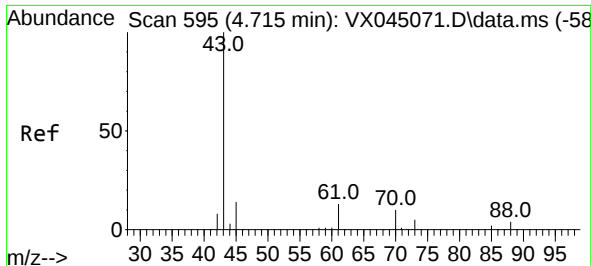
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36
1,1-Dichloropropene
Concen: 19.247 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 75 Resp: 25076
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.6
77 31.3 24.5 36.7





#37

Ethyl Acetate

Concen: 19.307 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 43 Resp: 3241

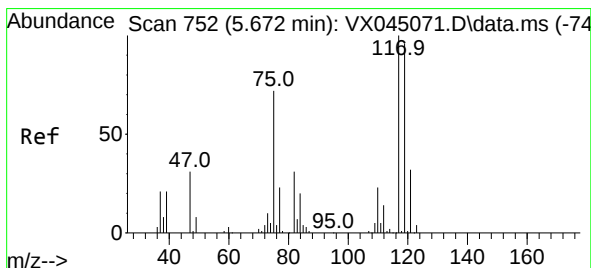
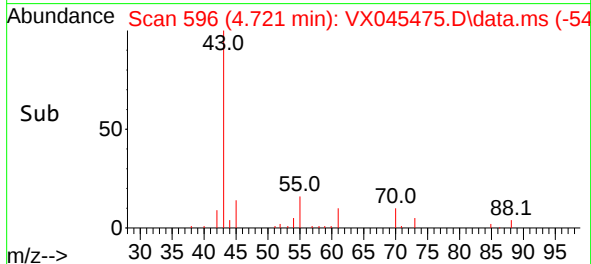
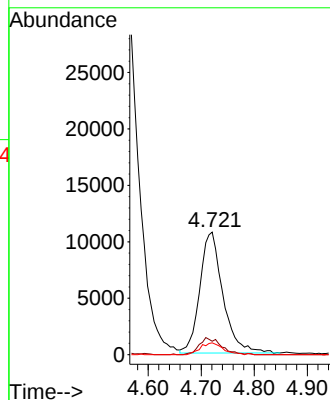
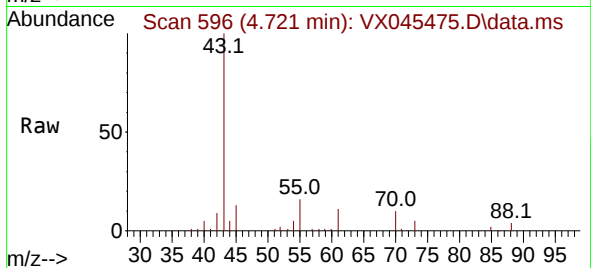
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.4	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#38

Carbon Tetrachloride

Concen: 21.066 ug/l

RT: 5.666 min Scan# 751

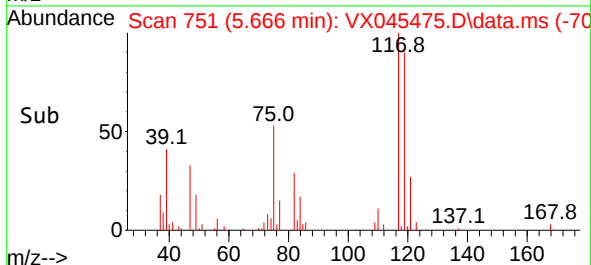
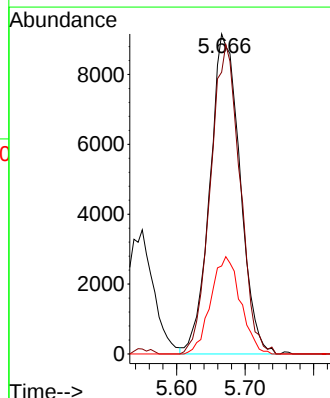
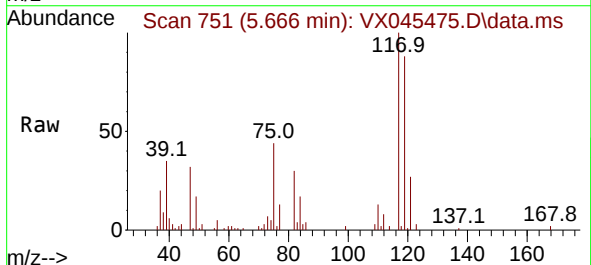
Delta R.T. -0.006 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Tgt Ion:117 Resp: 27864

Ion	Ratio	Lower	Upper
117	100		
119	88.1	76.7	115.1
121	27.5	25.5	38.3





#39

Methylcyclohexane

Concen: 20.966 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 83 Resp: 32730

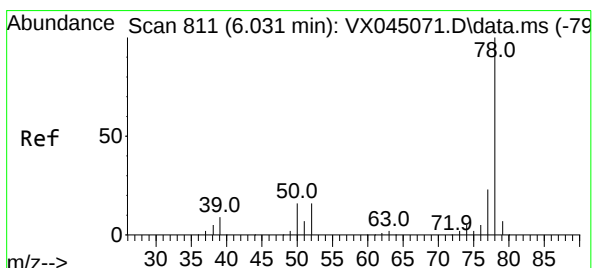
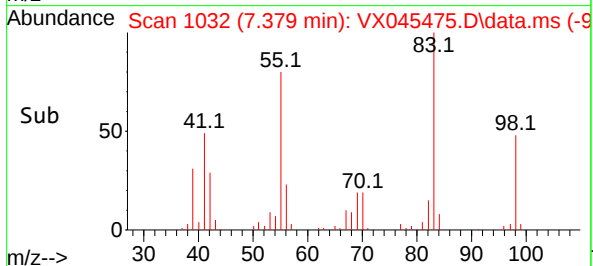
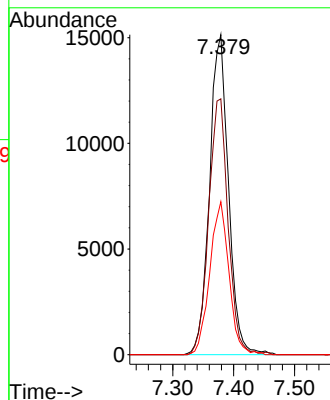
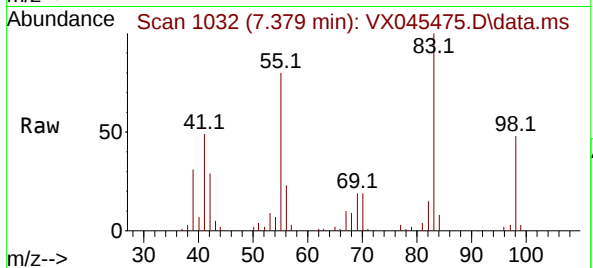
Ion	Ratio	Lower	Upper
83	100		
55	80.0	63.0	94.4
98	47.8	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 19.024 ug/l

RT: 6.031 min Scan# 811

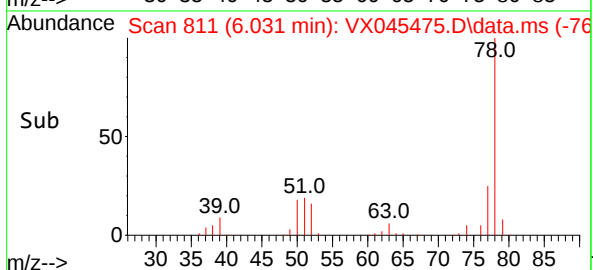
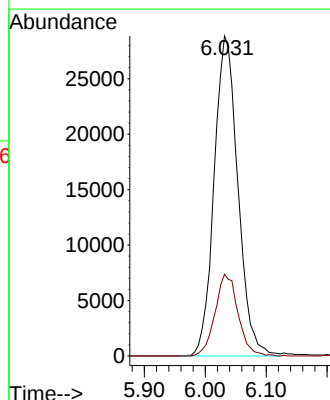
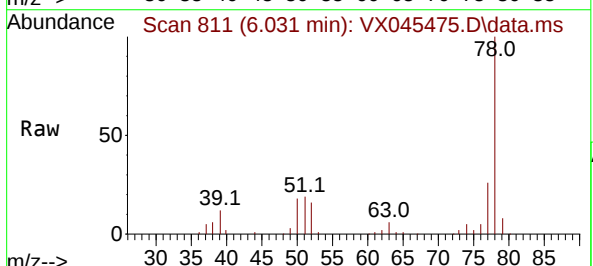
Delta R.T. 0.000 min

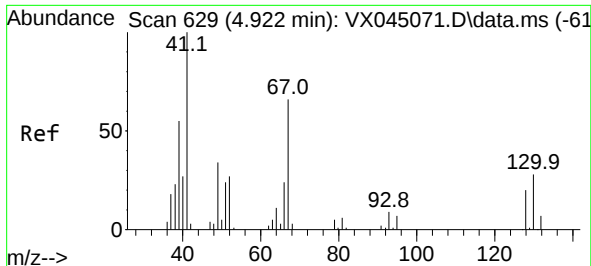
Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Tgt Ion: 78 Resp: 78266

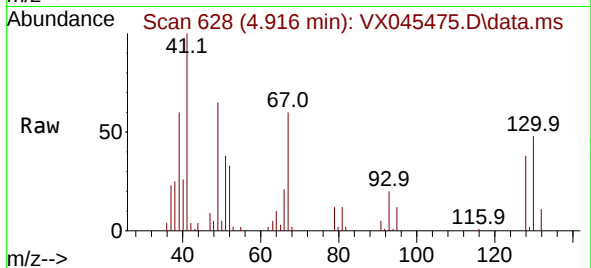
Ion	Ratio	Lower	Upper
78	100		
77	25.6	18.8	28.2





#41
Methacrylonitrile
Concen: 19.393 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

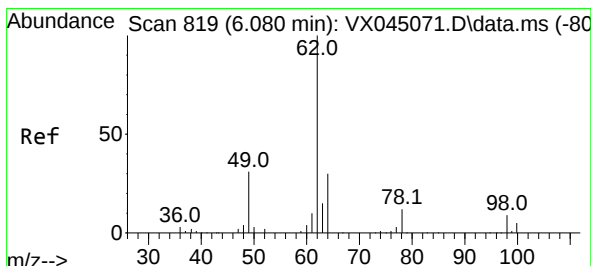
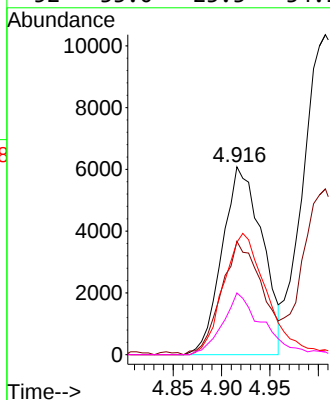
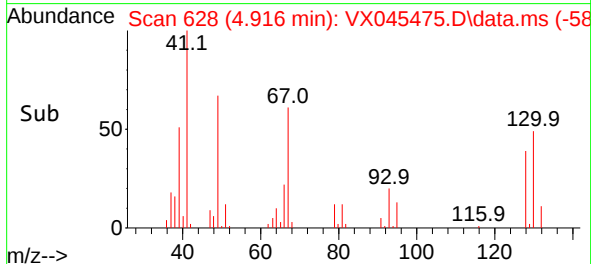
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:	41	Resp:	17604
Ion	Ratio	Lower	Upper
41	100		
39	60.9	44.6	67.0
67	70.1	53.9	80.9
52	33.0	23.3	34.9

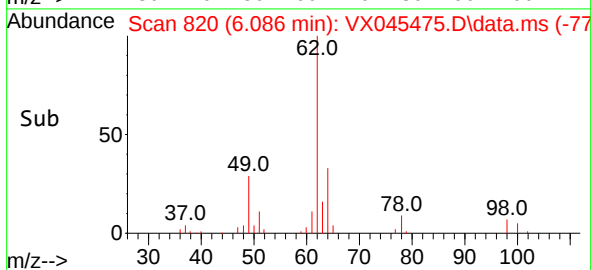
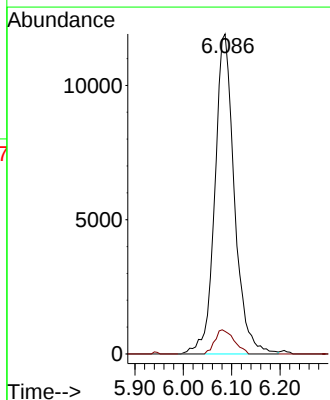
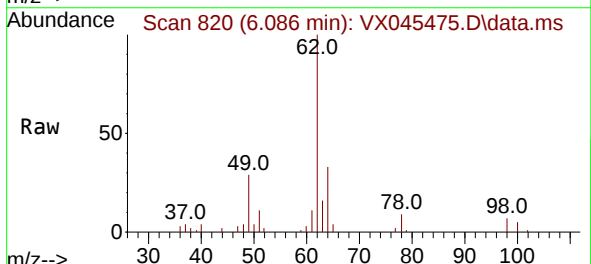
Manual Integrations
APPROVED

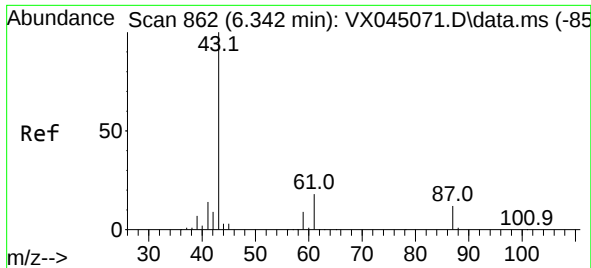
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 22.616 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion:	62	Resp:	33505
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.123 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 43 Resp: 49954

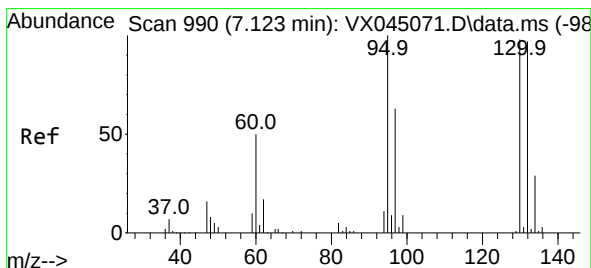
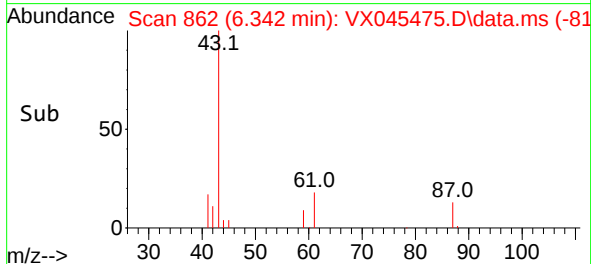
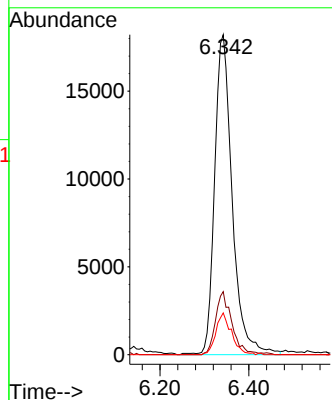
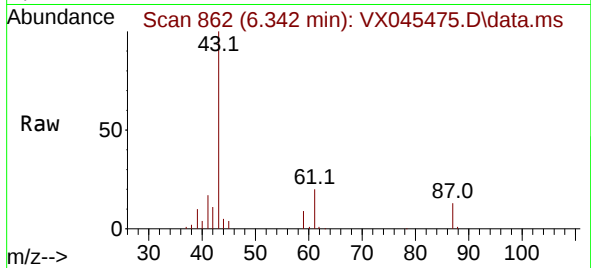
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
87	11.6	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#44

Trichloroethene

Concen: 19.186 ug/l

RT: 7.123 min Scan# 990

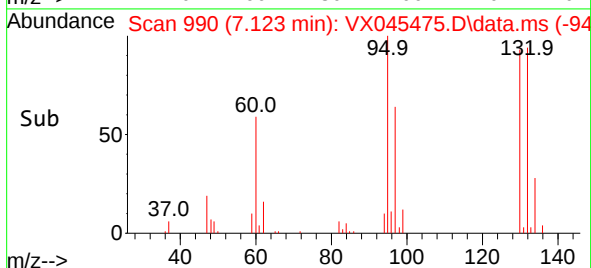
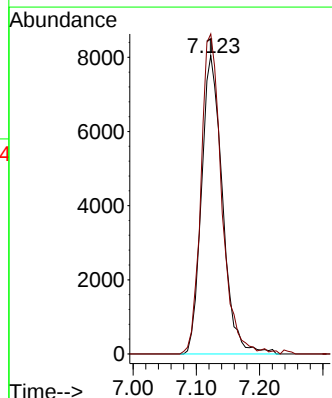
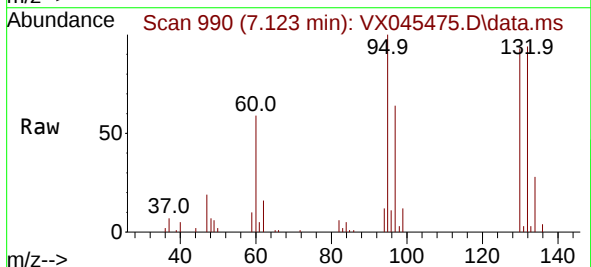
Delta R.T. 0.000 min

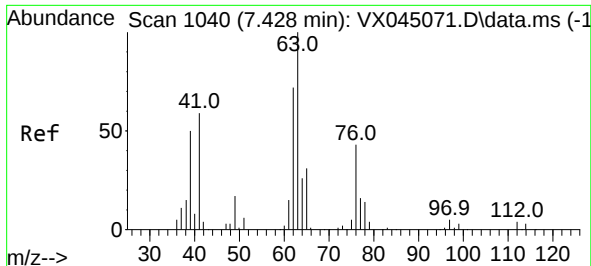
Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Tgt Ion:130 Resp: 18534

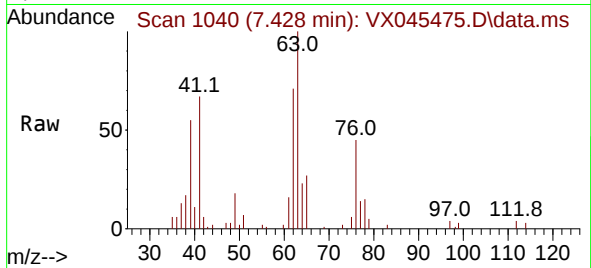
Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	205.0





#45
1,2-Dichloropropane
Concen: 19.159 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

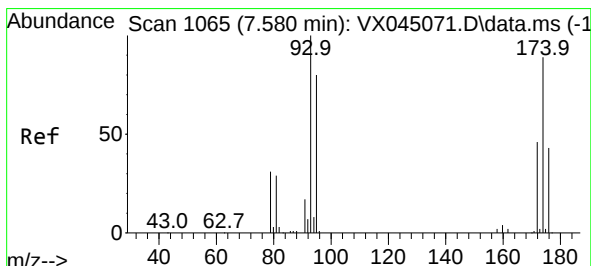
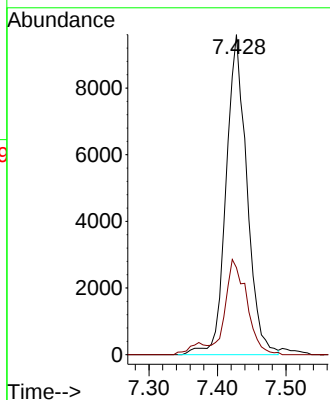
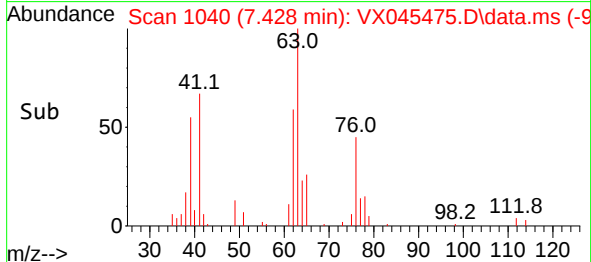
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 63 Resp: 20260
Ion Ratio Lower Upper
63 100
65 26.5 24.7 37.1

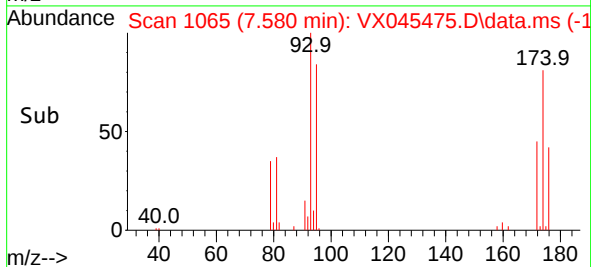
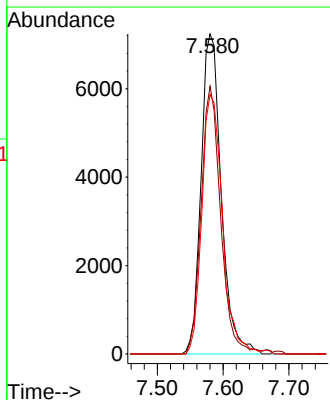
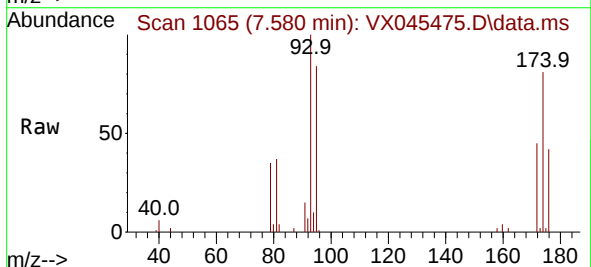
Manual Integrations
APPROVED

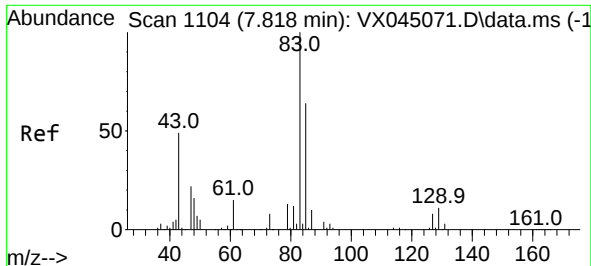
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#46
Dibromomethane
Concen: 20.788 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 93 Resp: 15542
Ion Ratio Lower Upper
93 100
95 80.4 65.8 98.8
174 82.5 72.2 108.2





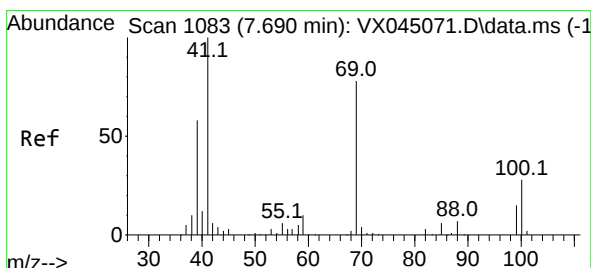
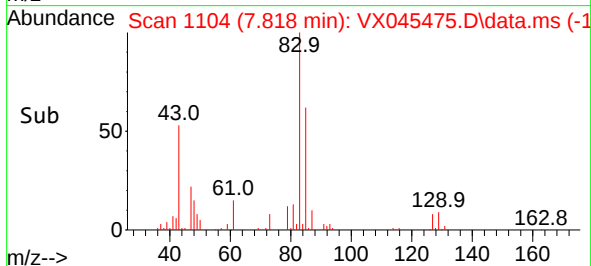
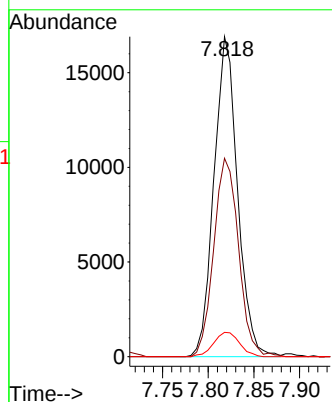
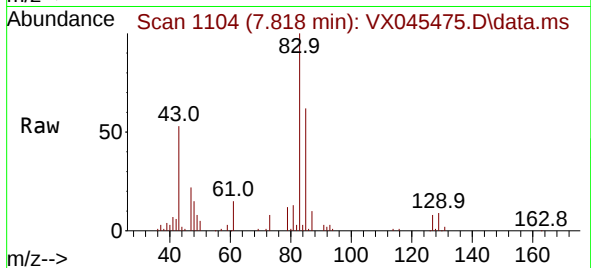
#47
Bromodichloromethane
Concen: 20.707 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 83 Resp: 3036
Ion Ratio Lower Upper
83 100
85 62.0 51.1 76.7
127 7.6 6.4 9.6

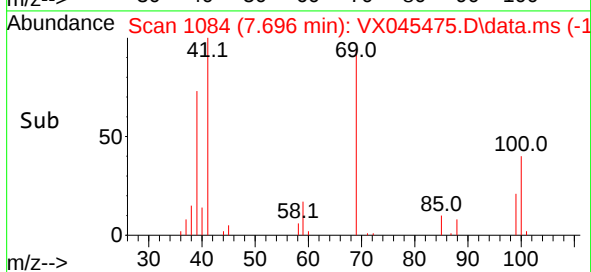
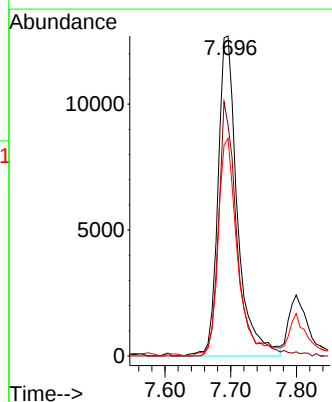
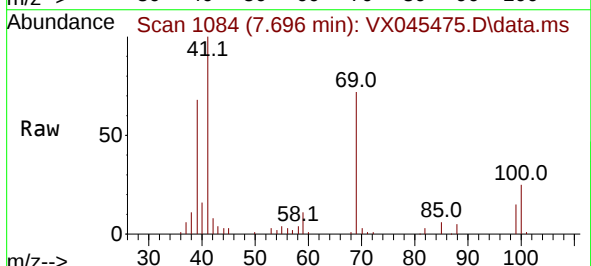
Manual Integrations
APPROVED

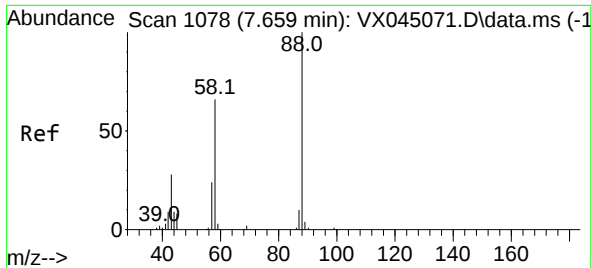
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 20.971 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

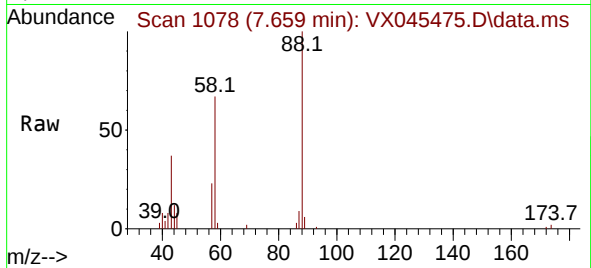
Tgt Ion: 41 Resp: 26117
Ion Ratio Lower Upper
41 100
69 75.9 63.0 94.6
39 68.6 47.5 71.3





#49
1,4-Dioxane
Concen: 381.681 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

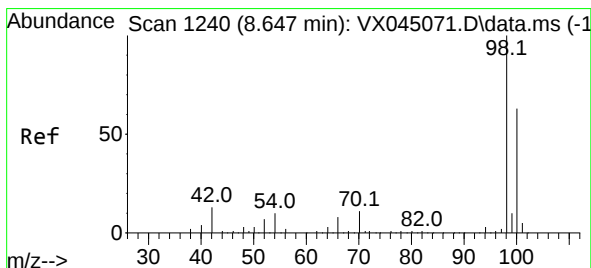
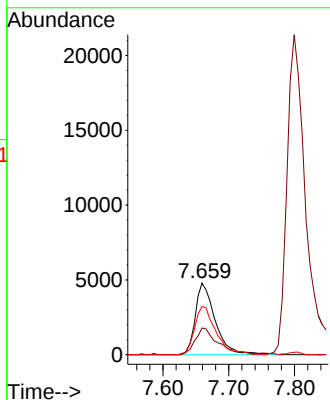
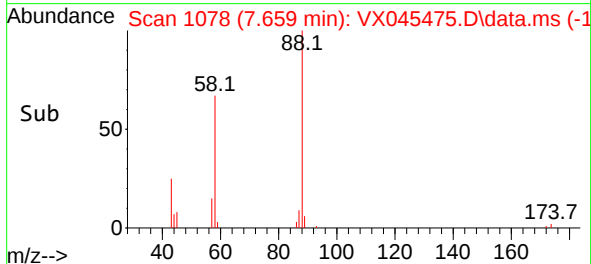
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 88 Resp: 1002
Ion Ratio Lower Upper
88 100
43 42.7 28.7 43.1
58 71.6 55.8 83.8

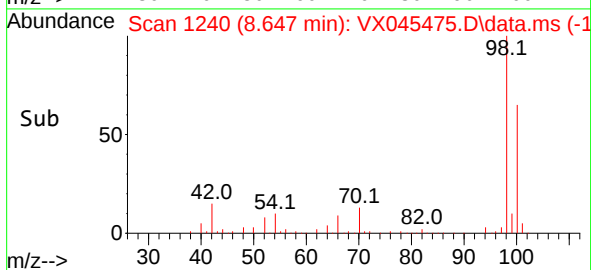
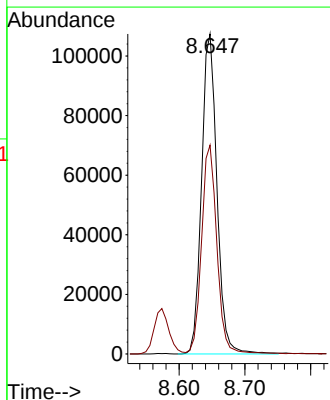
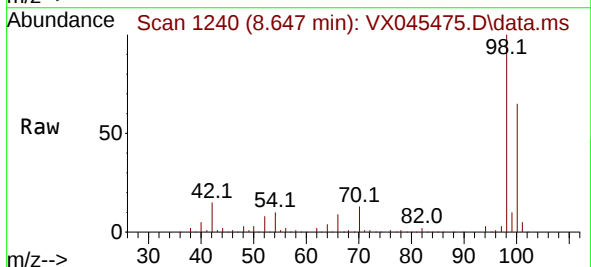
Manual Integrations
APPROVED

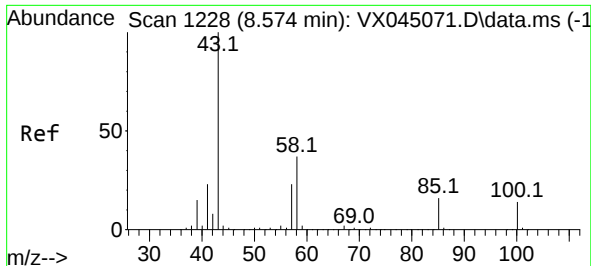
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50
Toluene-d8
Concen: 50.697 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

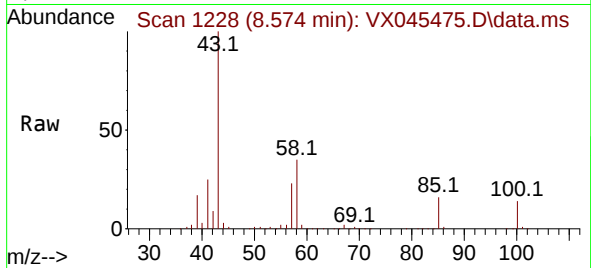
Tgt Ion: 98 Resp: 174604
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 106.417 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

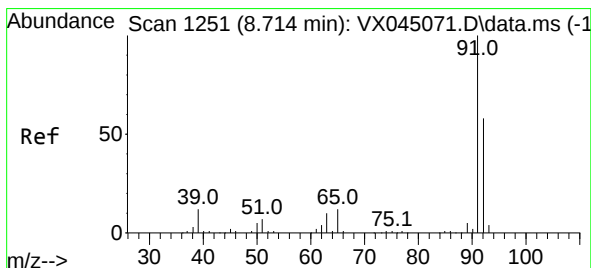
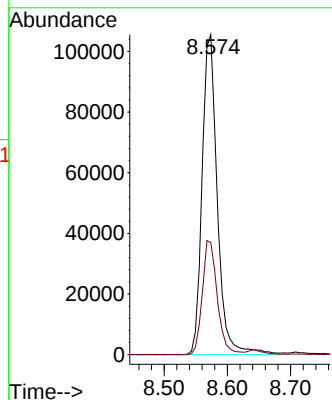
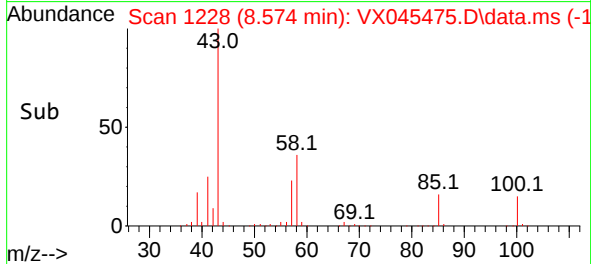
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 43 Resp: 177378
Ion Ratio Lower Upper
43 100
58 35.0 29.2 43.8

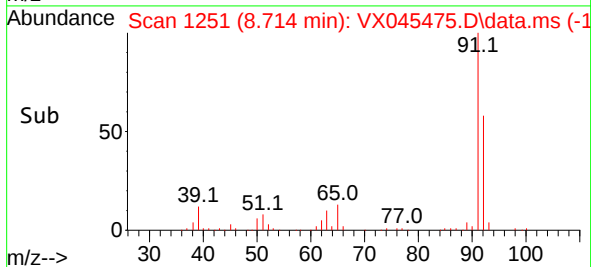
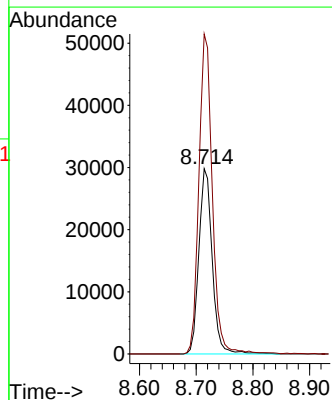
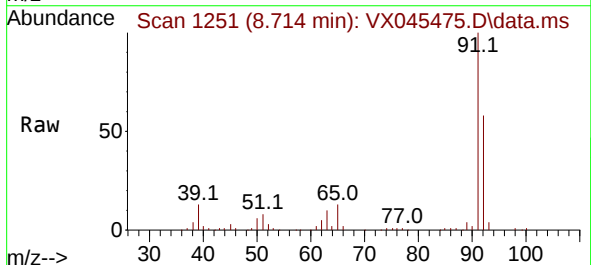
Manual Integrations
APPROVED

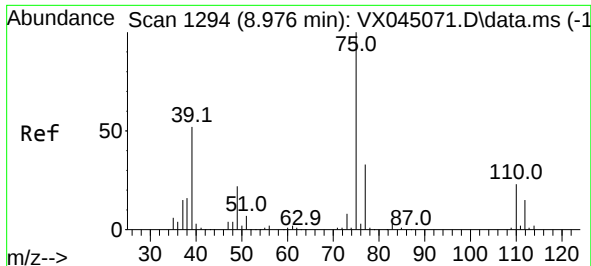
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 20.216 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 92 Resp: 48796
Ion Ratio Lower Upper
92 100
91 173.4 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.349 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 75 Resp: 2494

Ion Ratio Lower Upper

75 100

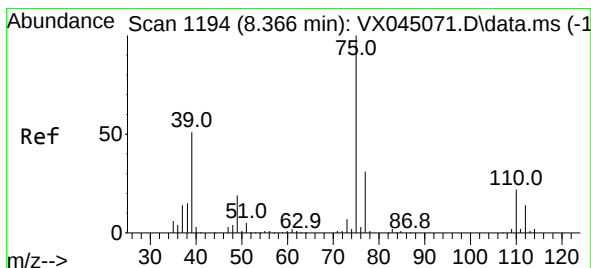
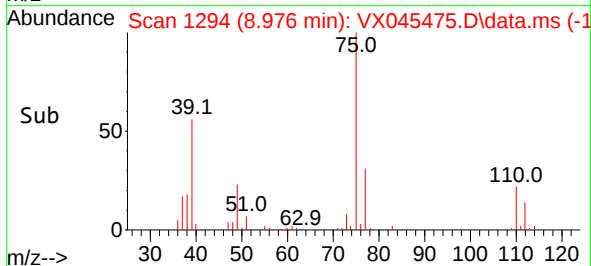
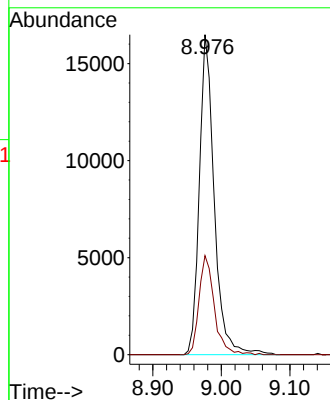
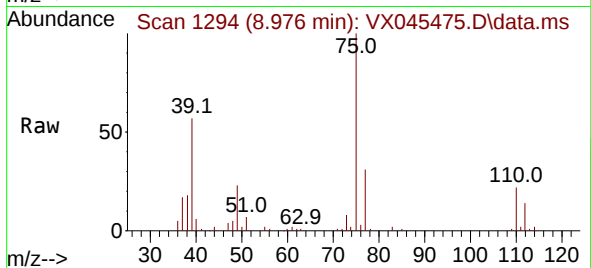
77 30.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#54

cis-1,3-Dichloropropene

Concen: 20.427 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

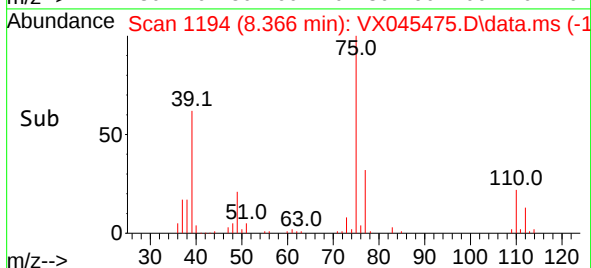
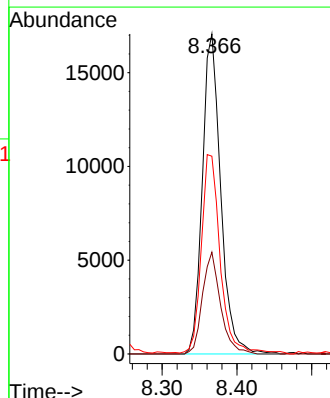
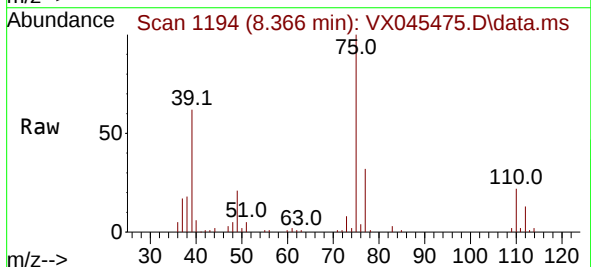
Tgt Ion: 75 Resp: 29202

Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

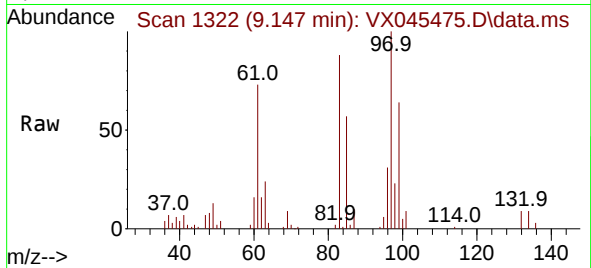
39 61.5 40.7 61.1#





#55
1,1,2-Trichloroethane
Concen: 19.963 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

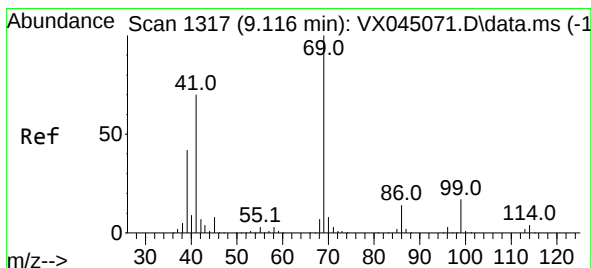
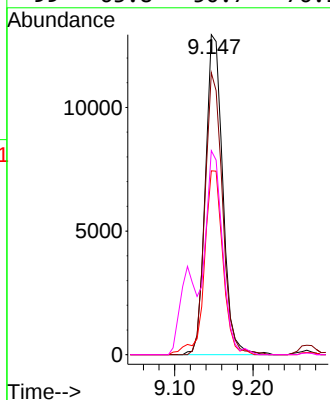
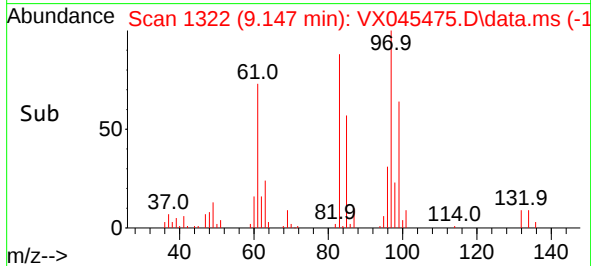
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.4	104.2
85	57.4	44.1	66.1
99	63.8	50.7	76.1

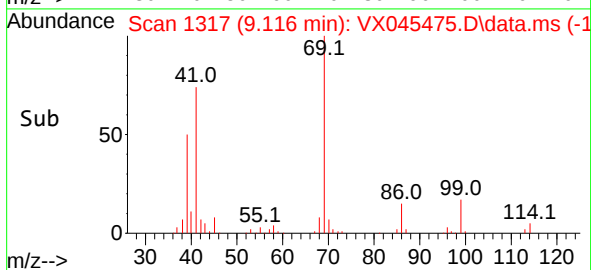
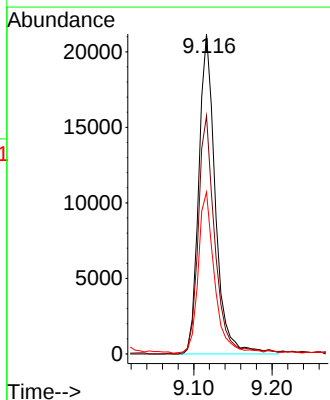
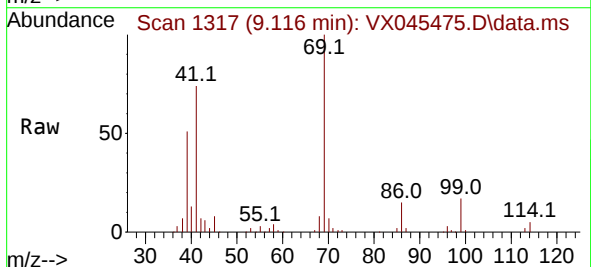
Manual Integrations
APPROVED

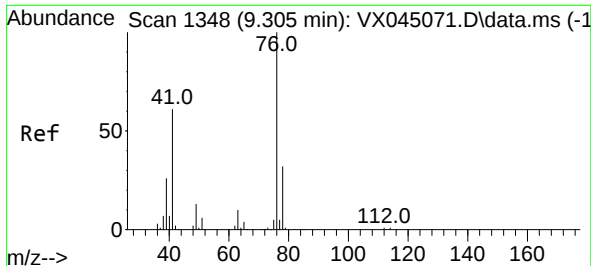
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#56
Ethyl methacrylate
Concen: 20.604 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.8	57.0	85.4
39	49.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 20.510 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 76 Resp: 35270

Ion Ratio Lower Upper

76 100

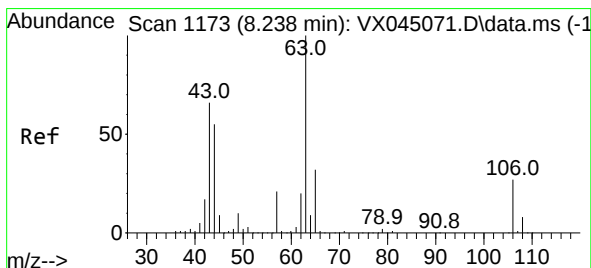
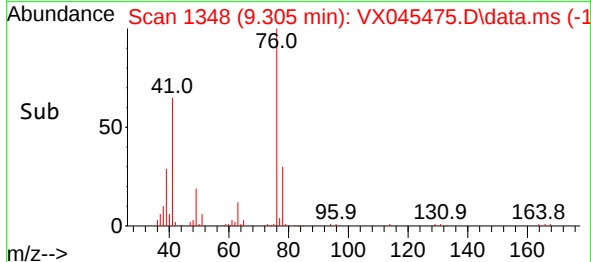
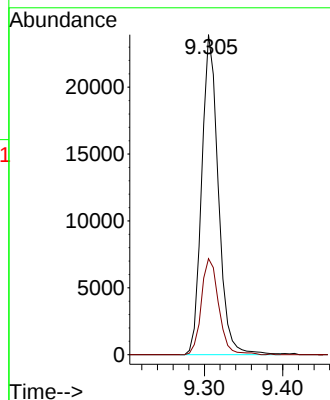
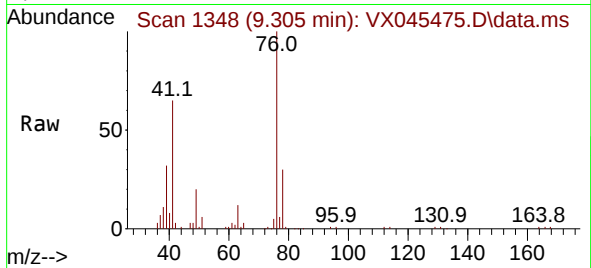
78 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 118.863 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045475.D

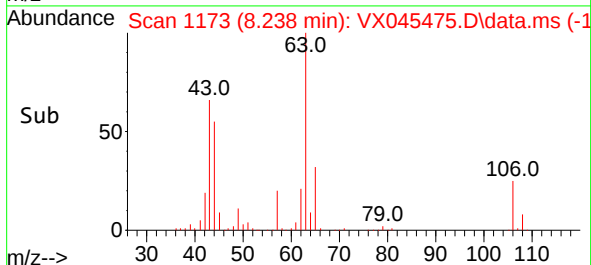
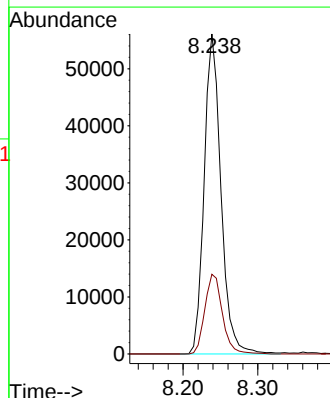
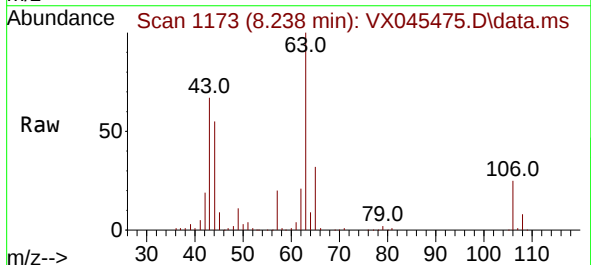
Acq: 27 Mar 2025 14:27

Tgt Ion: 63 Resp: 87581

Ion Ratio Lower Upper

63 100

106 26.0 21.5 32.3





#59

2-Hexanone

Concen: 113.469 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tgt Ion: 43 Resp: 137034

Ion Ratio Lower Upper

43 100

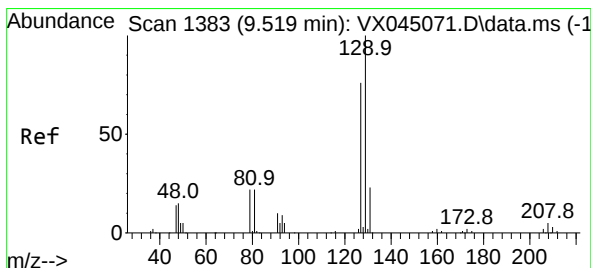
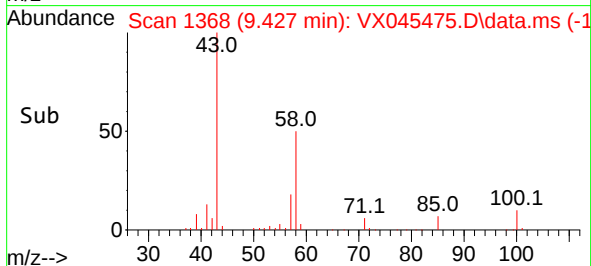
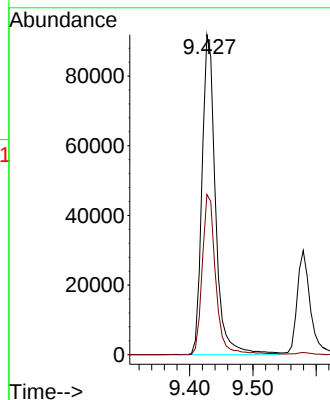
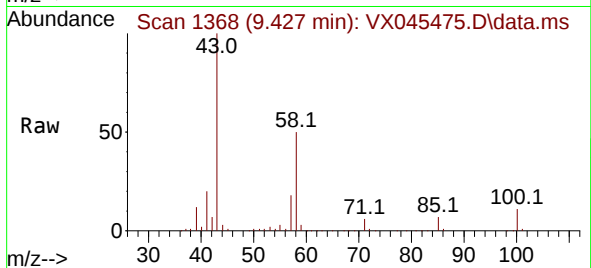
58 50.1 25.9 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#60

Dibromochloromethane

Concen: 20.685 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045475.D

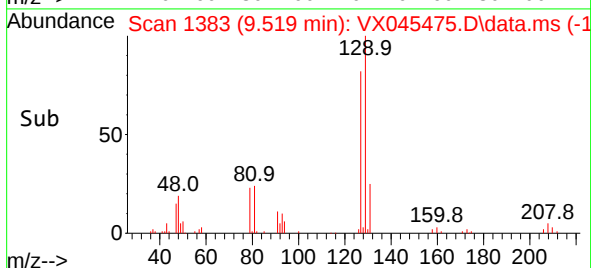
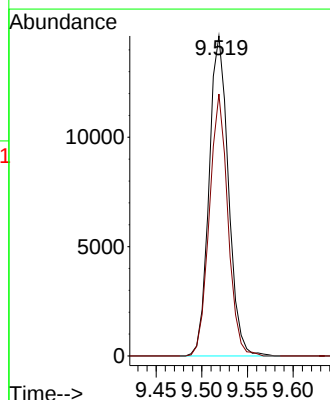
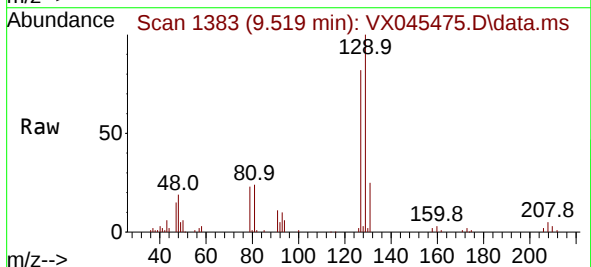
Acq: 27 Mar 2025 14:27

Tgt Ion:129 Resp: 21492

Ion Ratio Lower Upper

129 100

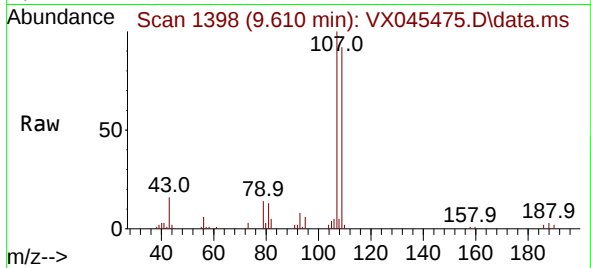
127 78.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.112 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

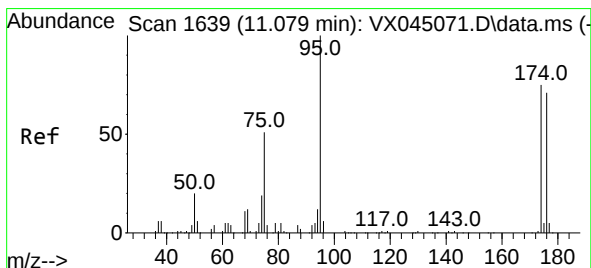
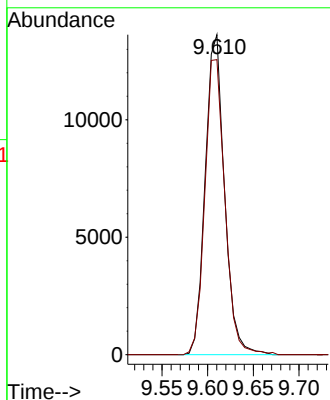
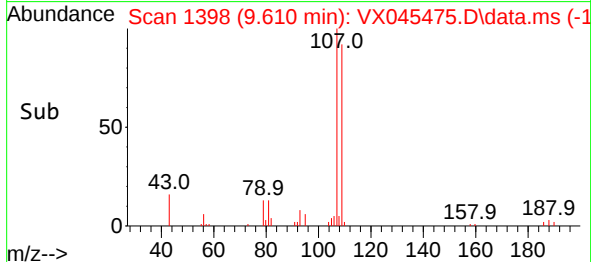
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:107 Resp: 1995
Ion Ratio Lower Upper
107 100
109 96.0 76.1 114.1

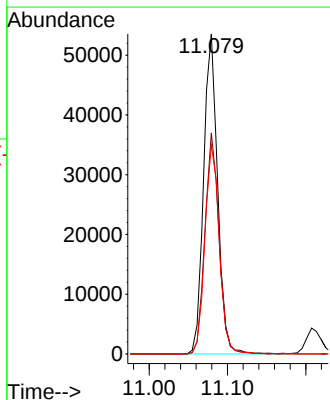
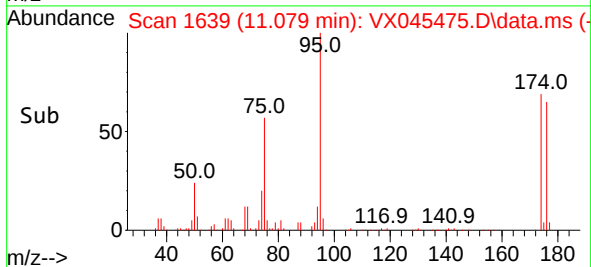
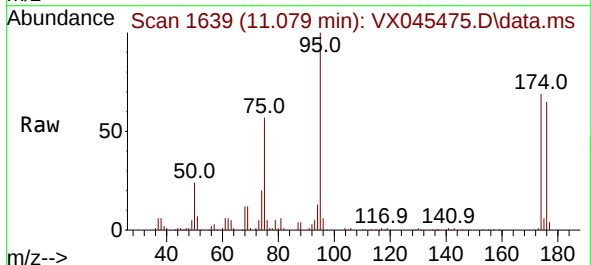
Manual Integrations
APPROVED

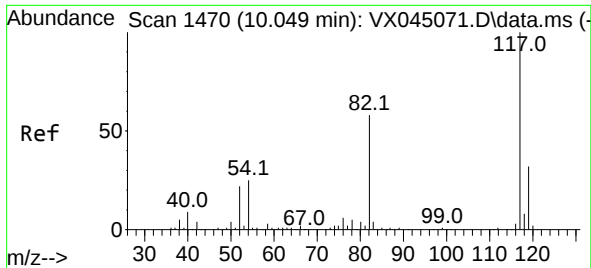
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 58.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

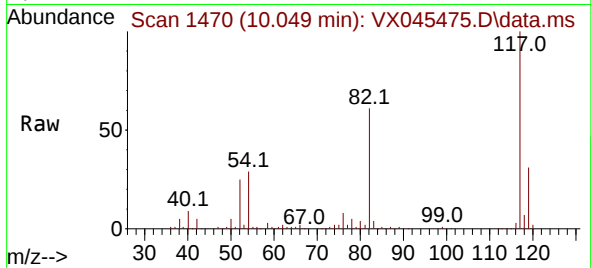
Tgt Ion: 95 Resp: 66424
Ion Ratio Lower Upper
95 100
174 69.2 0.0 148.2
176 66.9 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

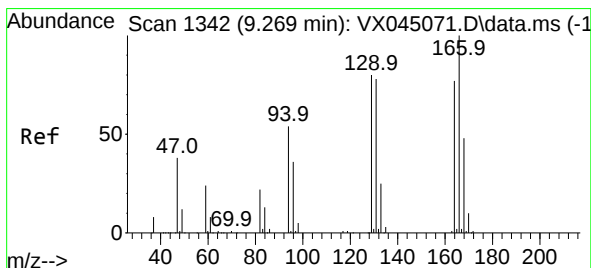
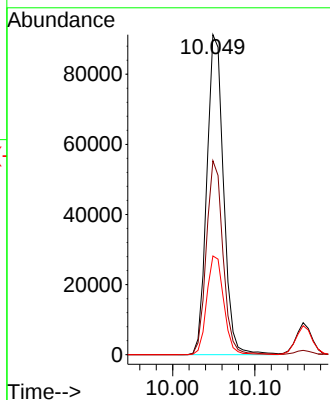
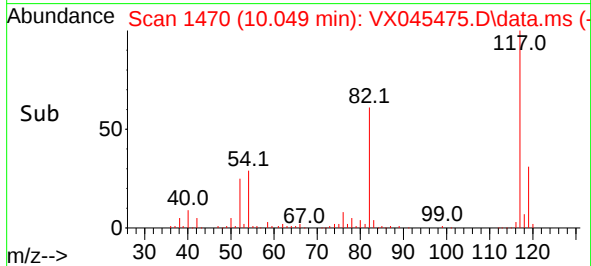
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:117 Resp: 128790
Ion Ratio Lower Upper
117 100
82 60.6 46.3 69.5
119 30.8 25.7 38.5

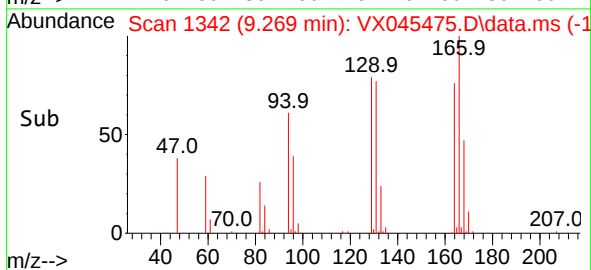
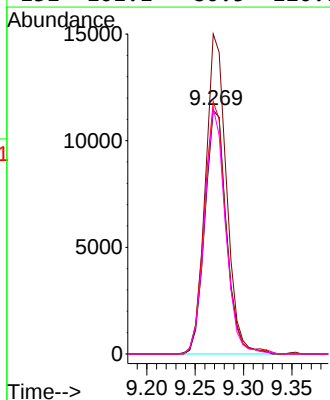
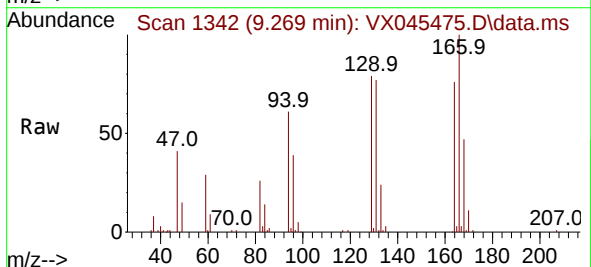
Manual Integrations
APPROVED

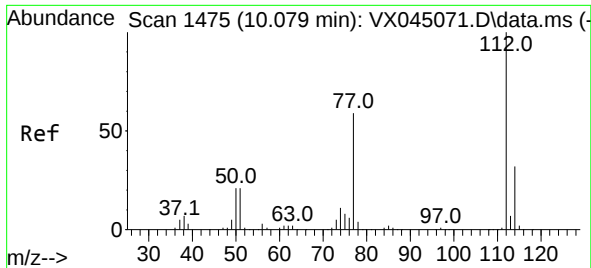
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 21.431 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion:164 Resp: 17677
Ion Ratio Lower Upper
164 100
166 131.3 103.6 155.4
129 103.5 82.7 124.1
131 101.1 80.5 120.7





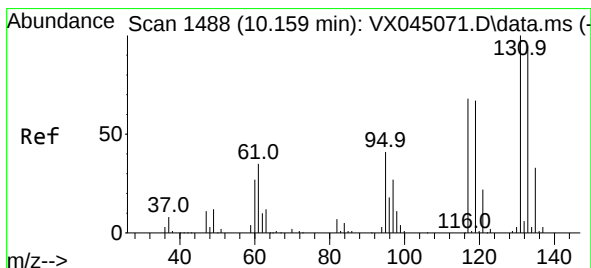
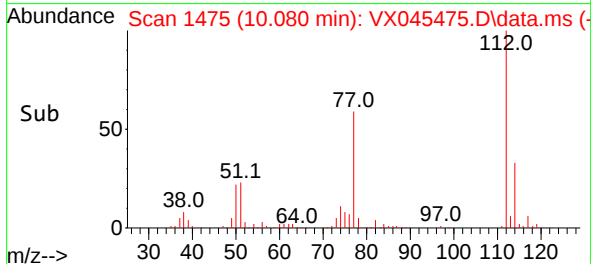
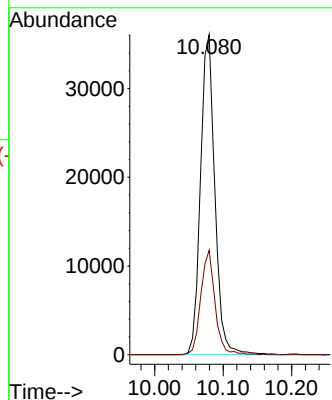
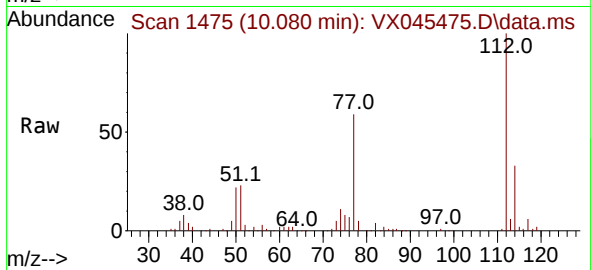
#65
Chlorobenzene
Concen: 19.342 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:112 Resp: 52709
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0

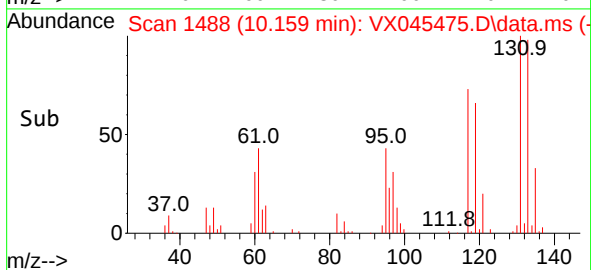
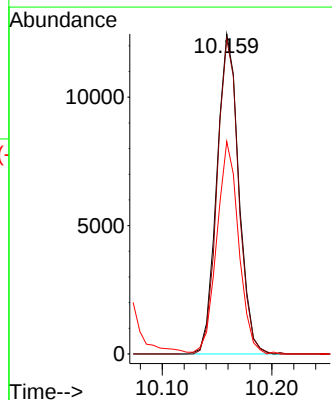
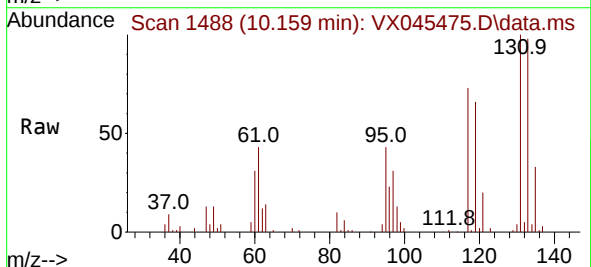
Manual Integrations
APPROVED

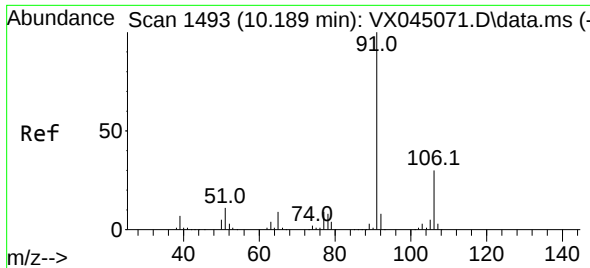
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.100 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

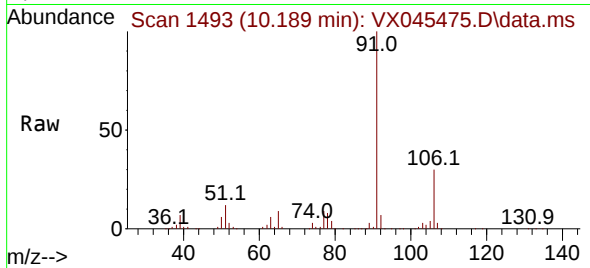
Tgt Ion:131 Resp: 17334
Ion Ratio Lower Upper
131 100
133 96.7 48.6 145.9
119 66.0 33.9 101.7





#67
Ethyl Benzene
Concen: 19.503 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

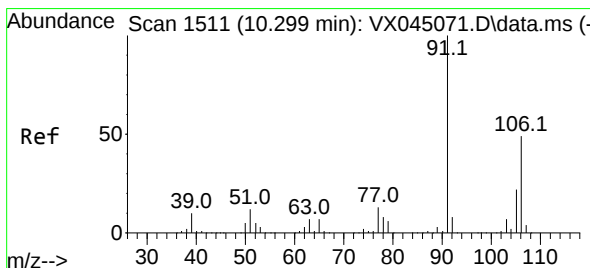
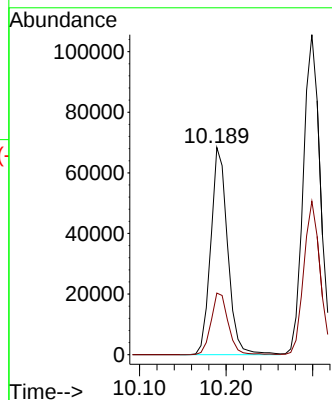
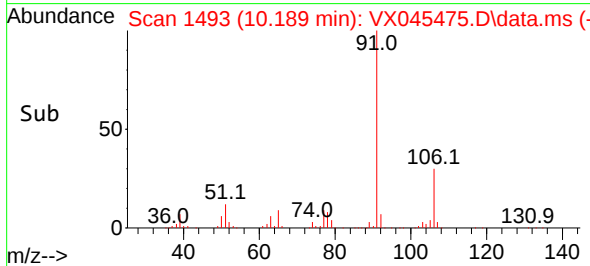
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



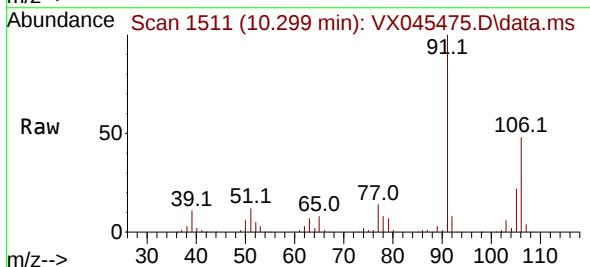
Tgt Ion: 91 Resp: 9260
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9

Manual Integrations
APPROVED

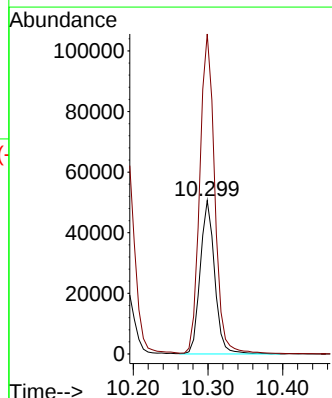
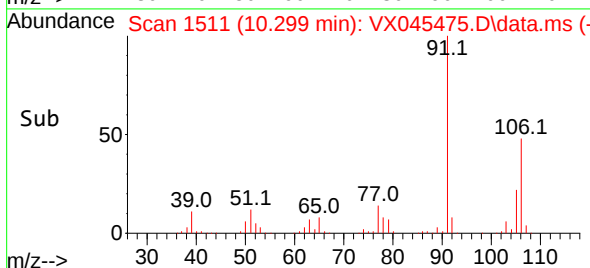
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

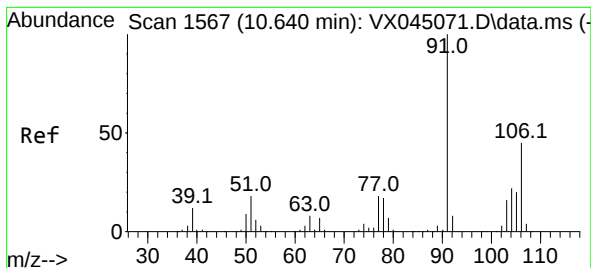


#68
m/p-Xylenes
Concen: 39.196 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27



Tgt Ion:106 Resp: 68134
Ion Ratio Lower Upper
106 100
91 214.7 165.4 248.0





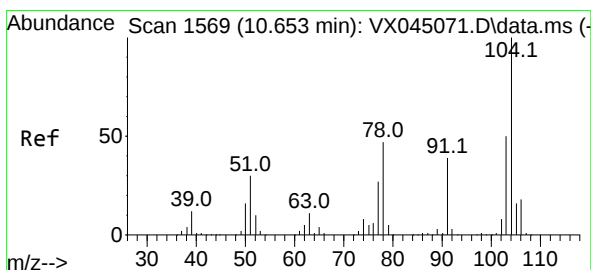
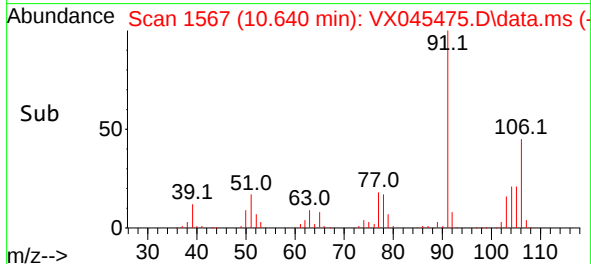
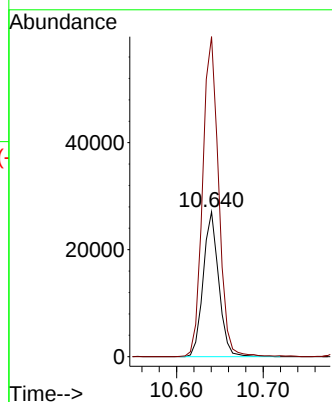
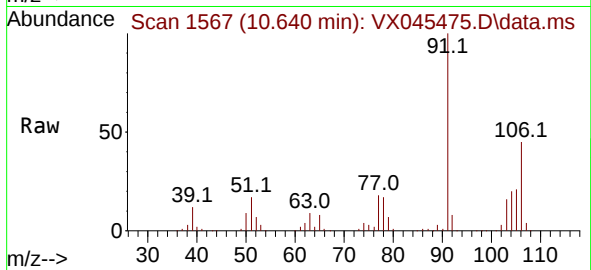
#69
o-Xylene
Concen: 19.227 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:106 Resp: 33709
Ion Ratio Lower Upper
106 100
91 227.4 109.9 329.6

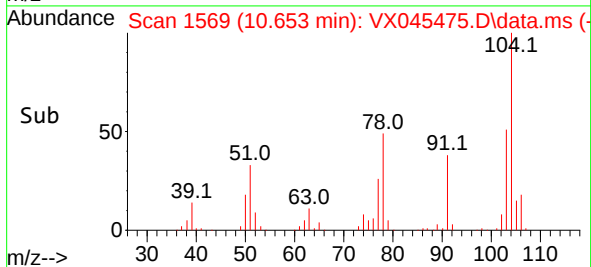
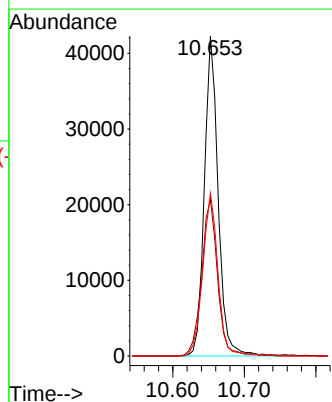
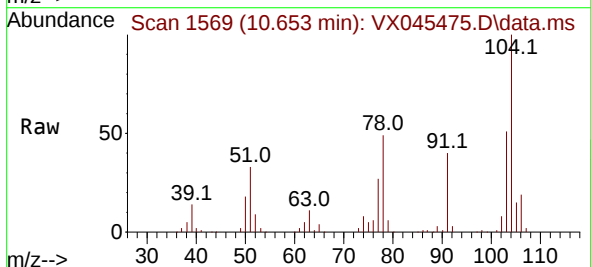
Manual Integrations
APPROVED

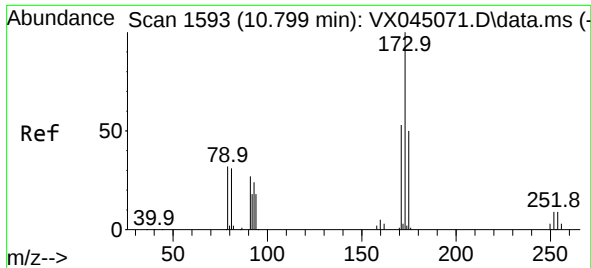
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 19.977 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

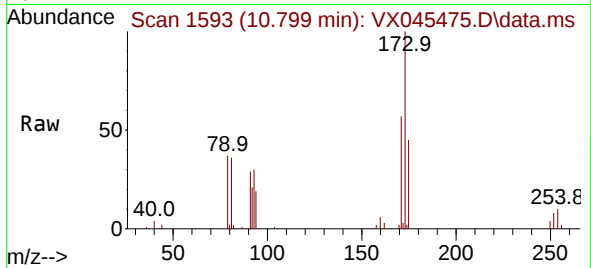
Tgt Ion:104 Resp: 56671
Ion Ratio Lower Upper
104 100
78 56.6 42.2 63.4
103 56.2 43.8 65.8





#71
Bromoform
Concen: 19.308 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

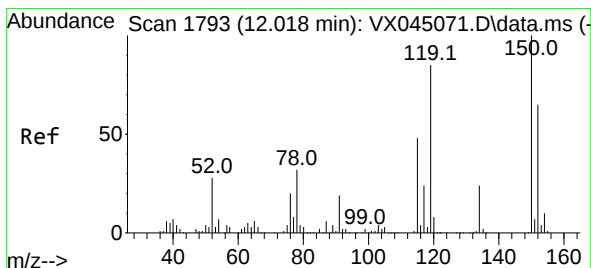
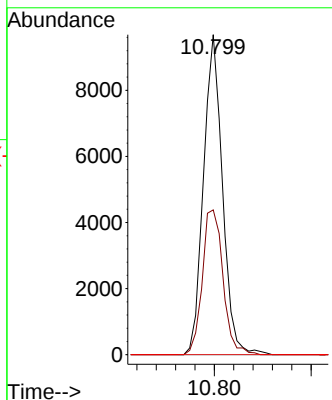
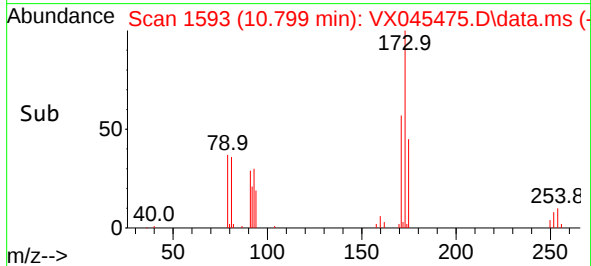
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:173 Resp: 13214
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.0 0.0

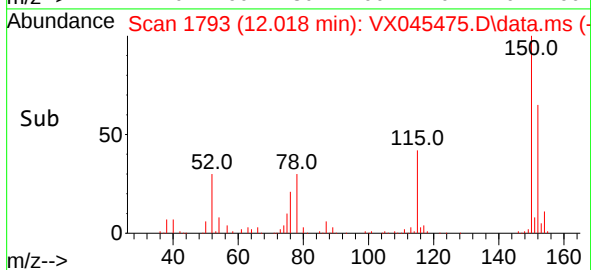
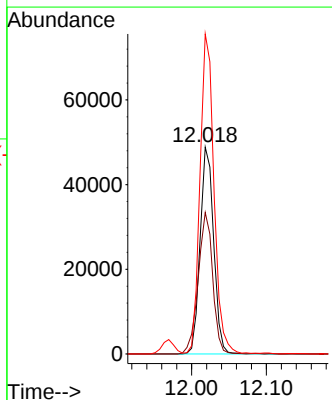
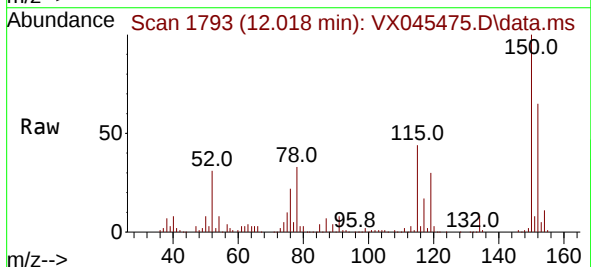
Manual Integrations
APPROVED

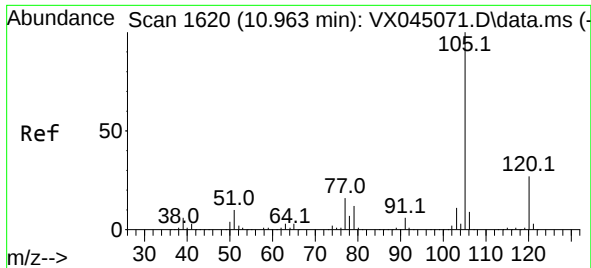
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion:152 Resp: 61447
Ion Ratio Lower Upper
152 100
115 73.1 44.2 132.6
150 159.1 0.0 349.0





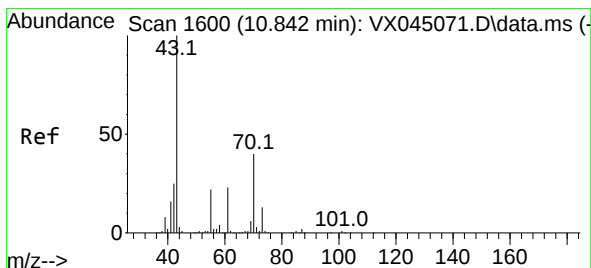
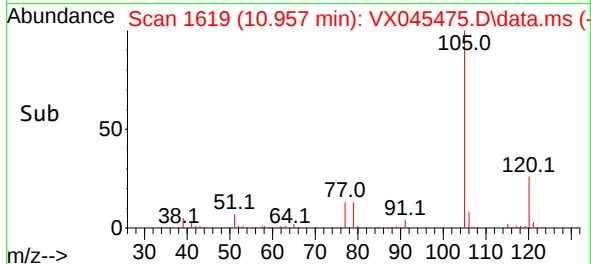
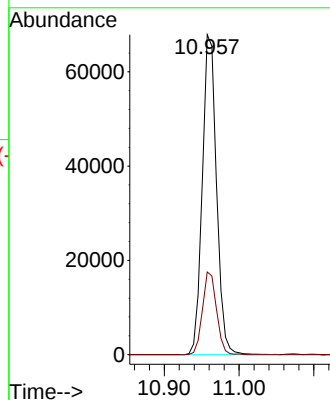
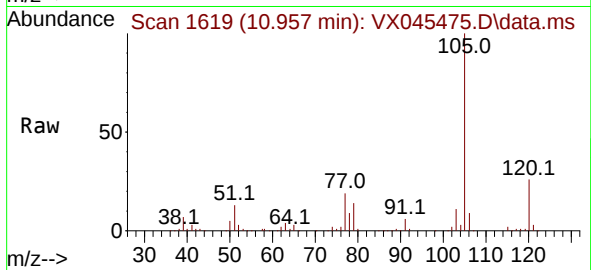
#73
Isopropylbenzene
Concen: 18.701 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion:105 Resp: 8969
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

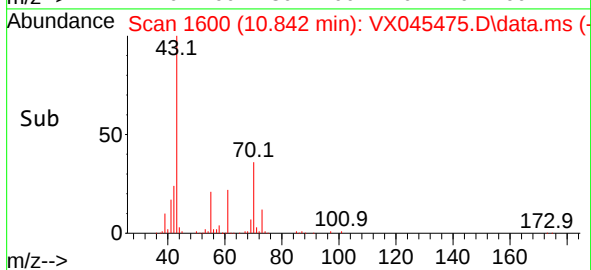
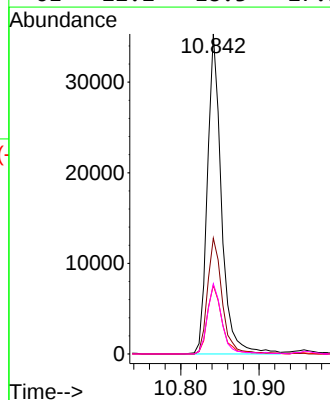
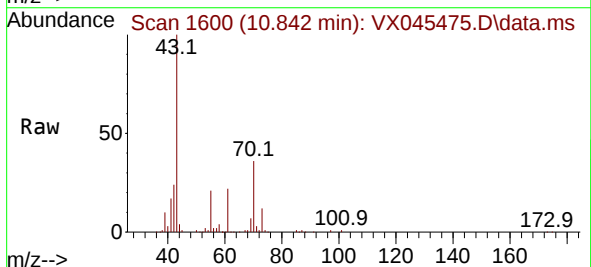
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 19.533 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

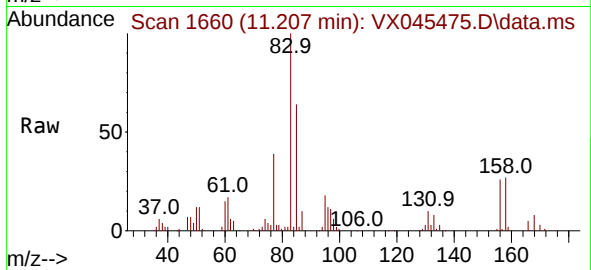
Tgt Ion: 43 Resp: 43958
Ion Ratio Lower Upper
43 100
70 37.8 31.8 47.6
55 22.7 18.3 27.5
61 22.2 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.731 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

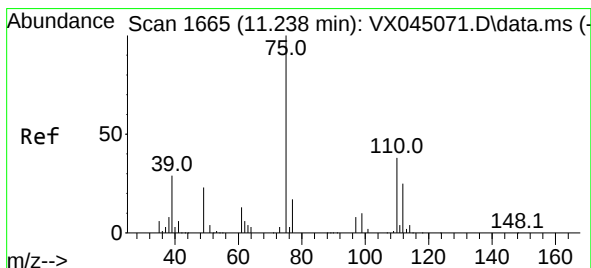
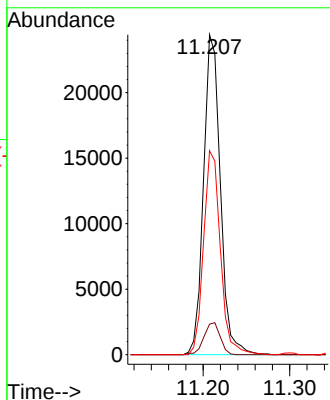
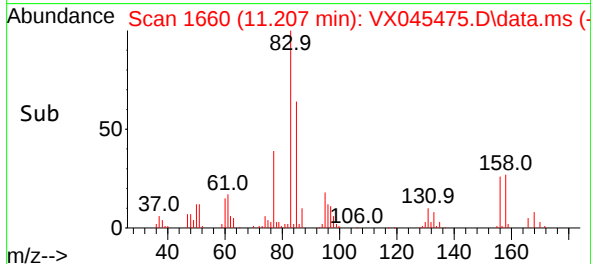
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 83 Resp: 32960
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.4
85 63.7 31.7 95.1

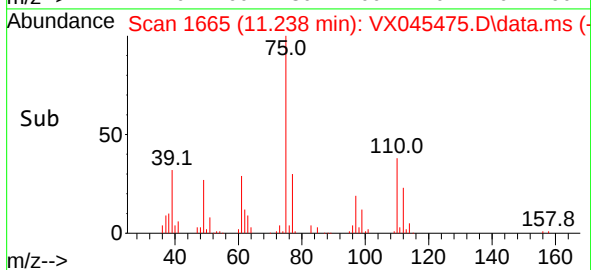
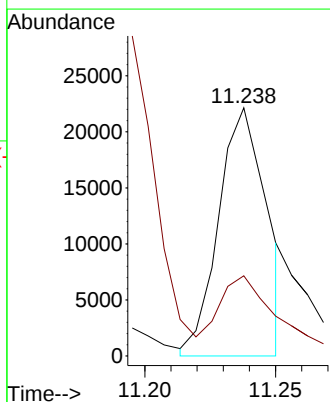
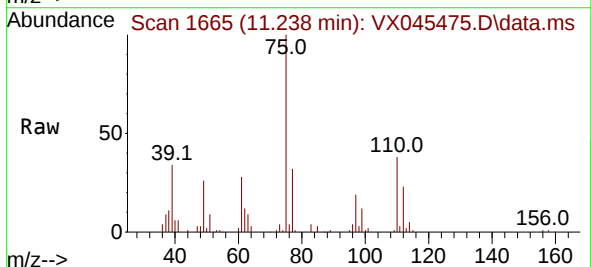
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 19.700 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Tgt Ion: 75 Resp: 28174
Ion Ratio Lower Upper
75 100
77 40.9 20.7 62.1





#77

Bromobenzene

Concen: 18.785 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

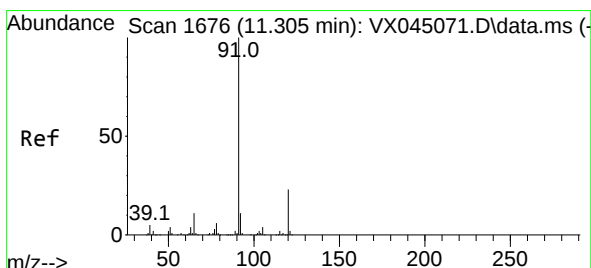
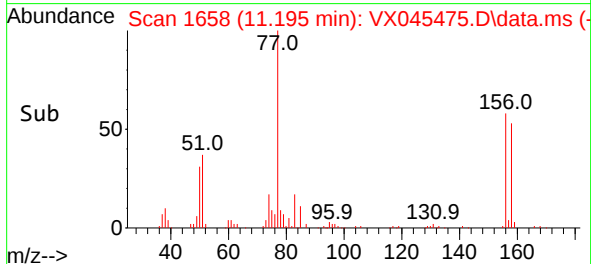
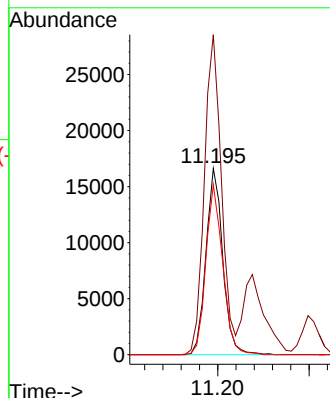
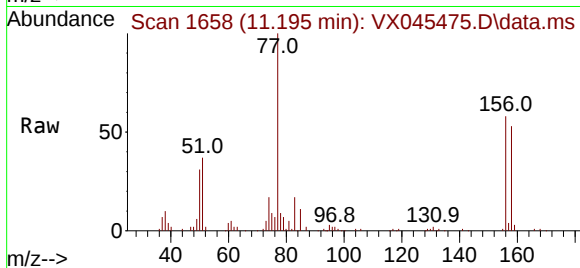
Tgt Ion:	156	Resp:	2125
Ion Ratio	Lower	Upper	
156	100		
77	174.4	85.8	257.4
158	91.4	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#78

n-propylbenzene

Concen: 19.113 ug/l

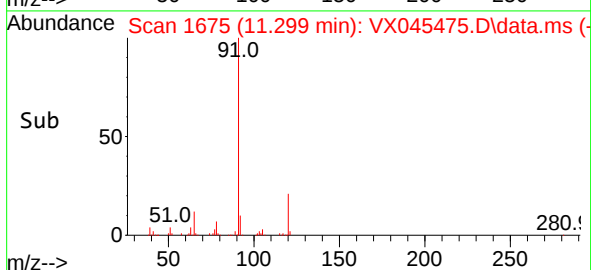
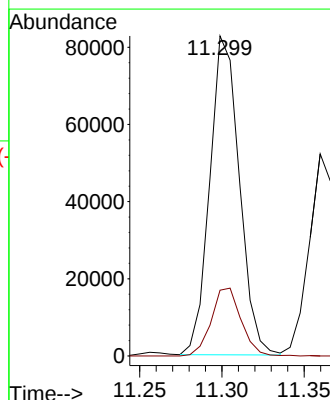
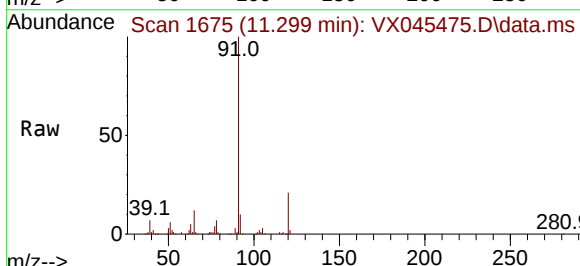
RT: 11.299 min Scan# 1675

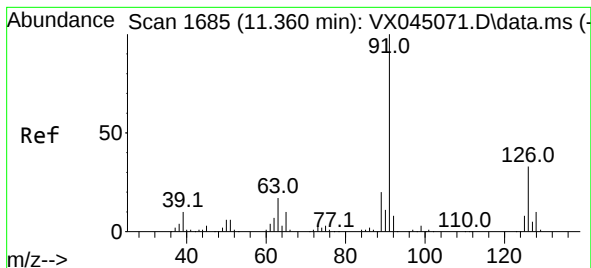
Delta R.T. -0.006 min

Lab File: VX045475.D

Acq: 27 Mar 2025 14:27

Tgt Ion:	91	Resp:	103554
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.2	33.6





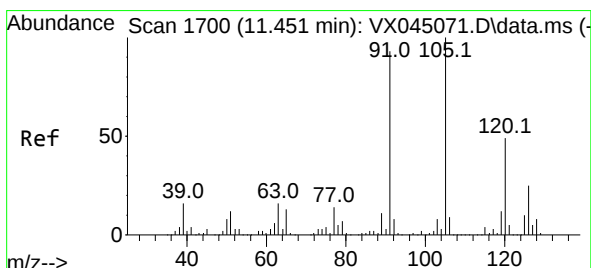
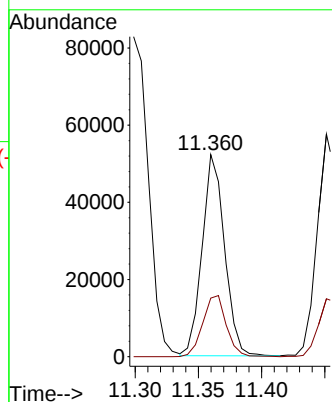
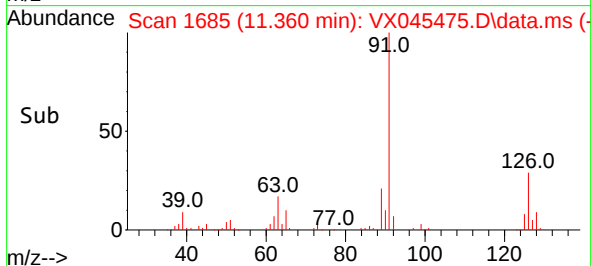
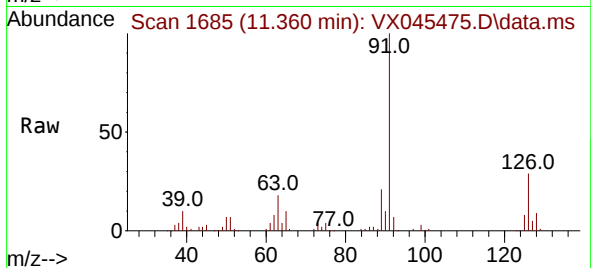
#79
2-Chlorotoluene
Concen: 18.663 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tgt Ion: 91 Resp: 64395
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4

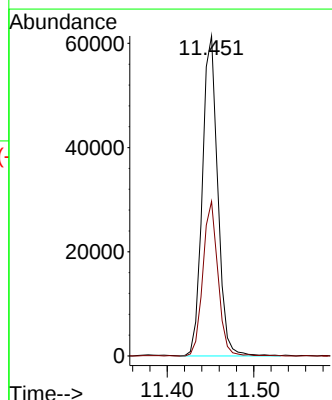
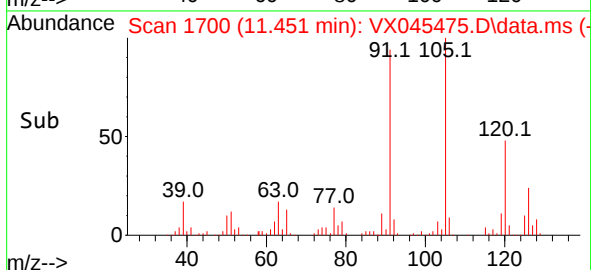
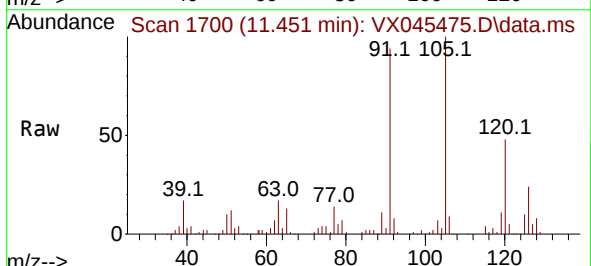
Manual Integrations
APPROVED

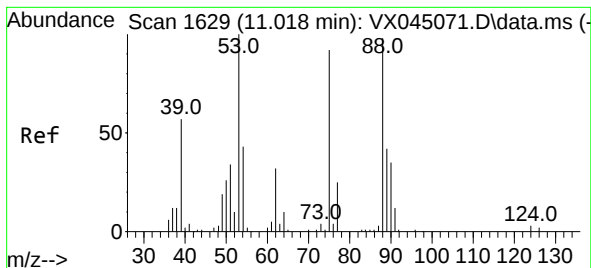
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.568 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

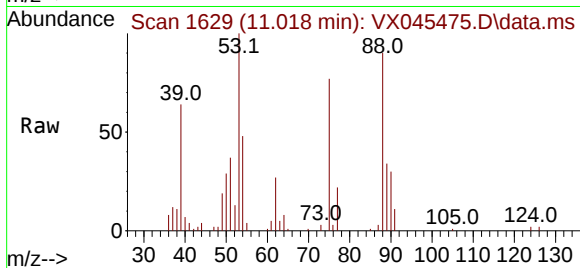
Tgt Ion:105 Resp: 75884
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 17.915 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

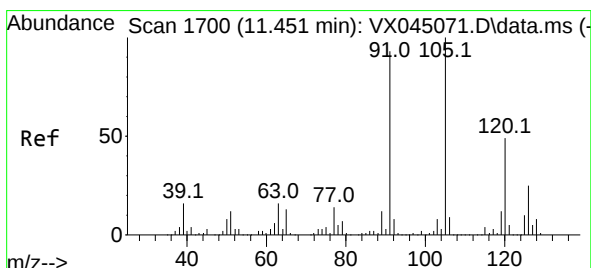
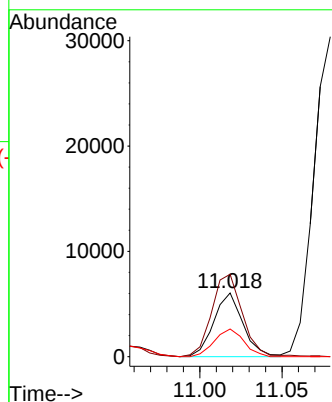
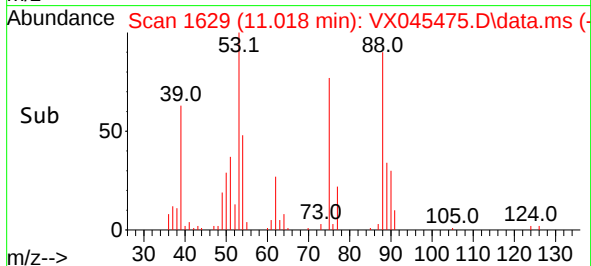
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



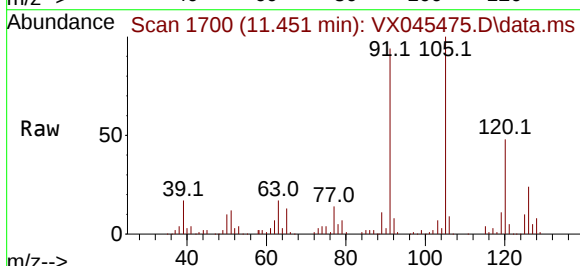
Tgt Ion: 75 Resp: 748
Ion Ratio Lower Upper
75 100
53 136.0 88.5 132.7
89 43.8 36.2 54.4

Manual Integrations
APPROVED

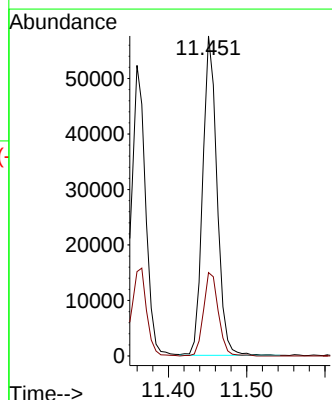
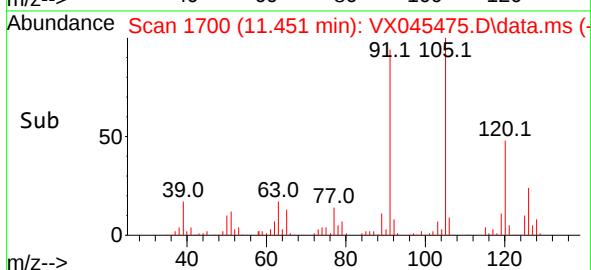
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

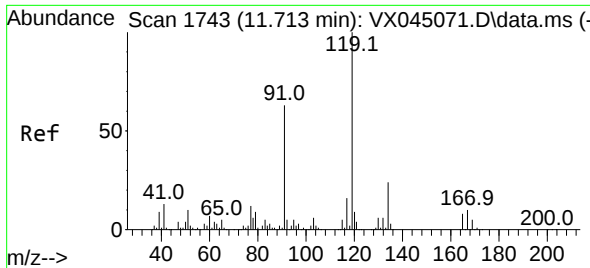


#82
4-Chlorotoluene
Concen: 19.391 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27



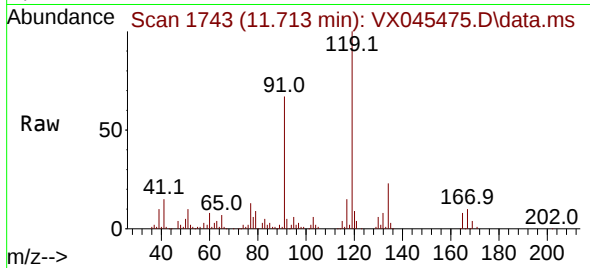
Tgt Ion: 91 Resp: 72919
Ion Ratio Lower Upper
91 100
126 27.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.621 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

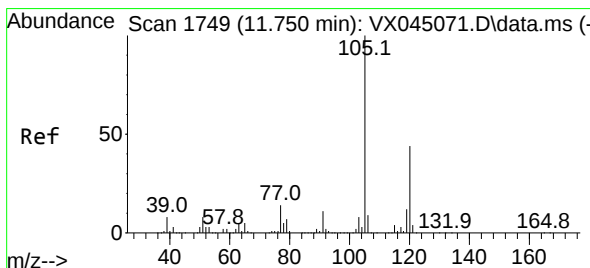
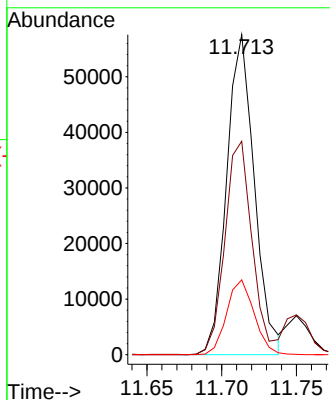
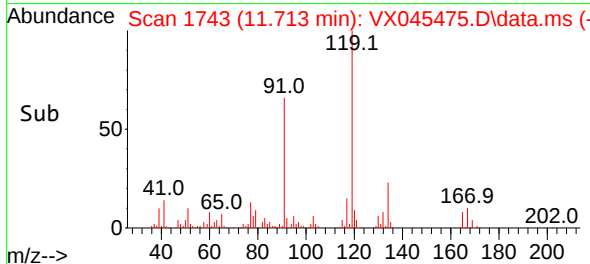
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion:119 Resp: 7419
Ion Ratio Lower Upper
119 100
91 64.9 30.7 92.1
134 23.2 11.7 35.0

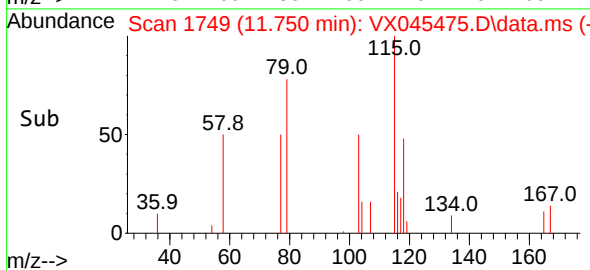
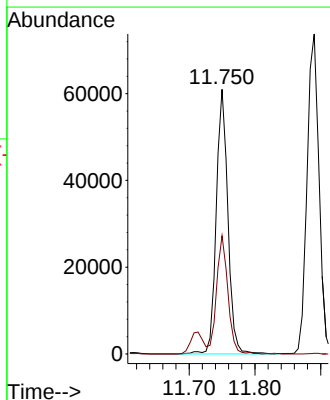
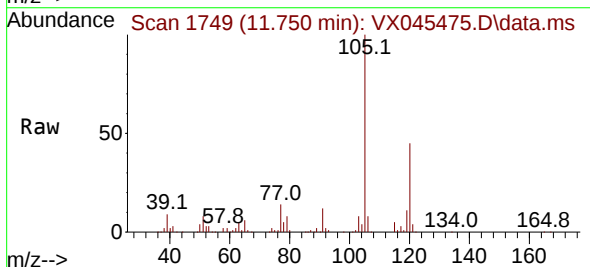
Manual Integrations
APPROVED

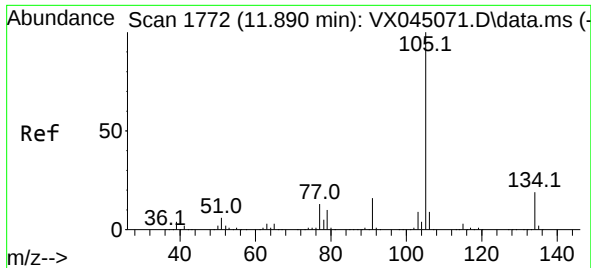
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.245 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

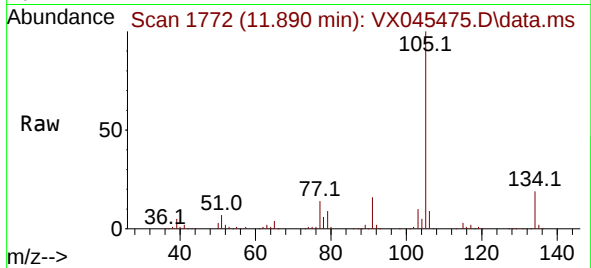
Tgt Ion:105 Resp: 75093
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 19.544 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

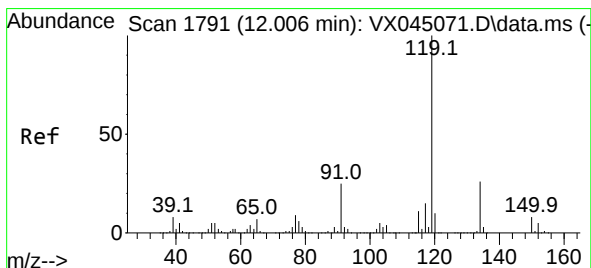
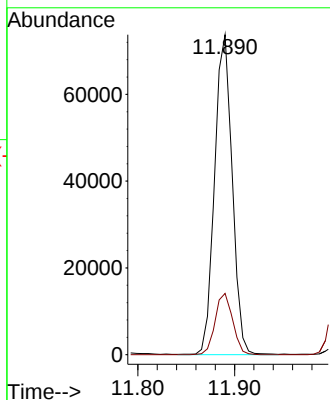
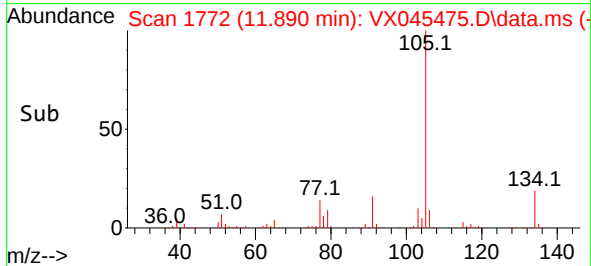
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01



Tgt Ion:105 Resp: 93285
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

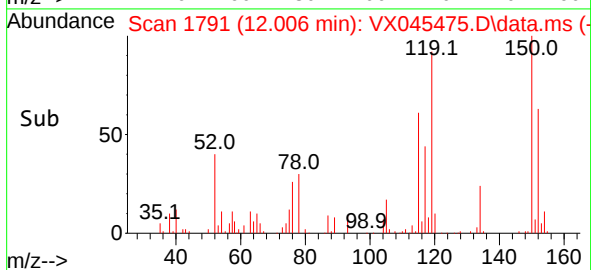
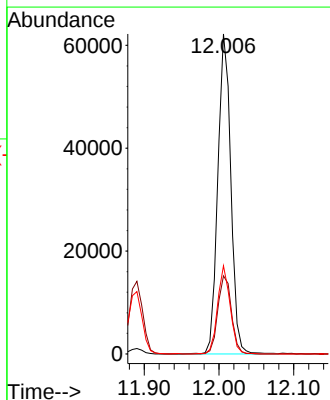
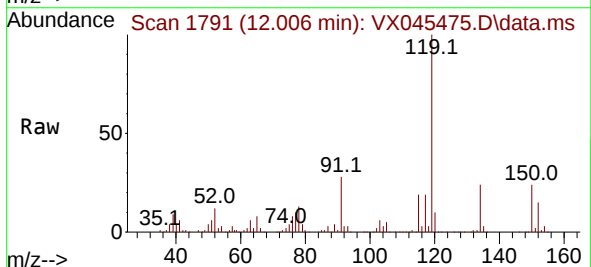
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#86
 p-Isopropyltoluene
 Concen: 19.485 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045475.D
 Acq: 27 Mar 2025 14:27

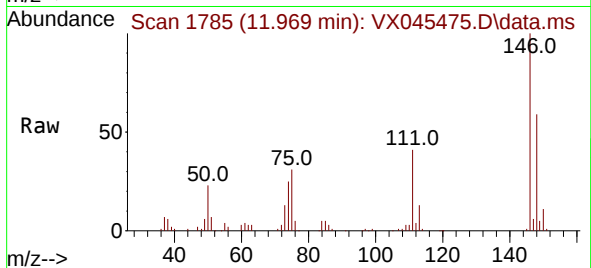
Tgt Ion:119 Resp: 75158
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 26.7 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 19.108 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

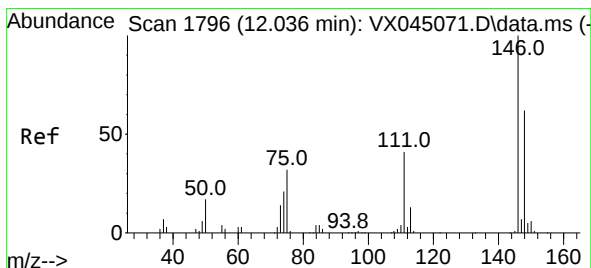
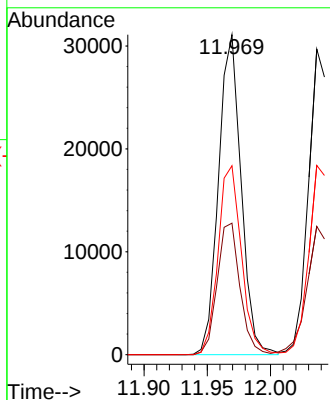
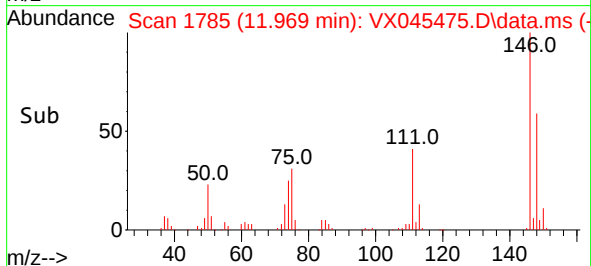
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



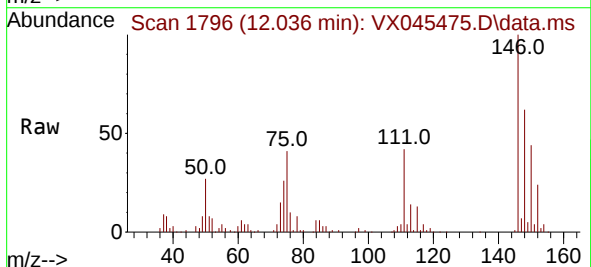
Tgt Ion:146 Resp: 3857
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.4
148 61.1 31.9 95.7

Manual Integrations
APPROVED

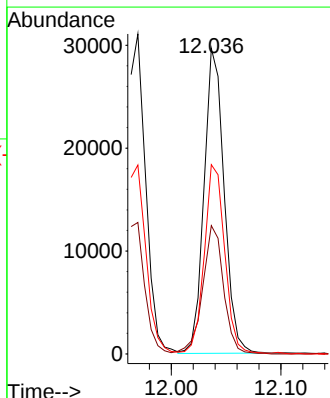
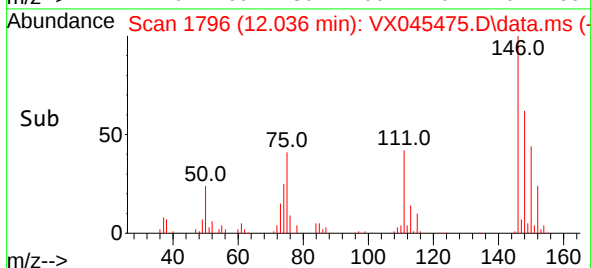
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

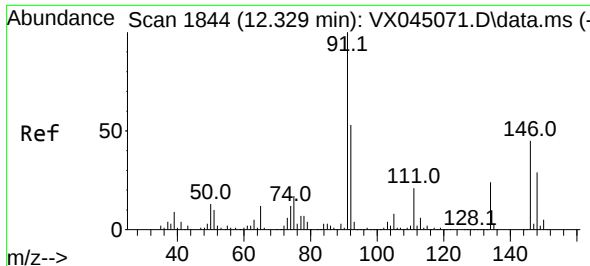


#88
1,4-Dichlorobenzene
Concen: 18.473 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27



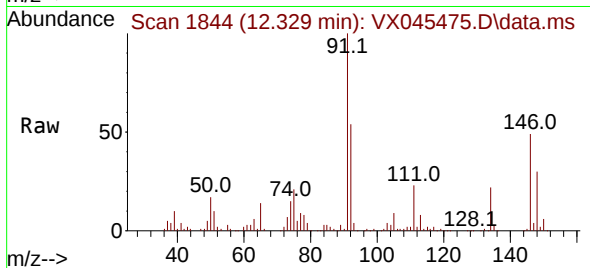
Tgt Ion:146 Resp: 37729
Ion Ratio Lower Upper
146 100
111 44.0 20.2 60.5
148 63.8 31.9 95.9





#89
n-Butylbenzene
Concen: 19.182 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

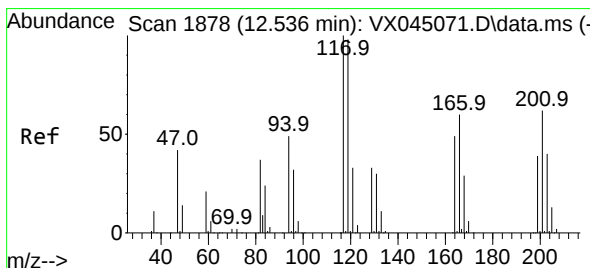
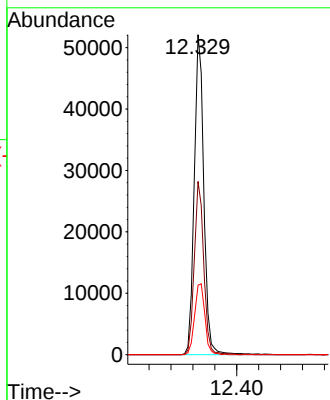
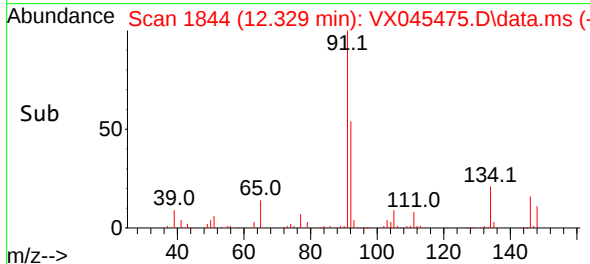
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



Tgt Ion: 91 Resp: 63729
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 23.8 12.2 36.6

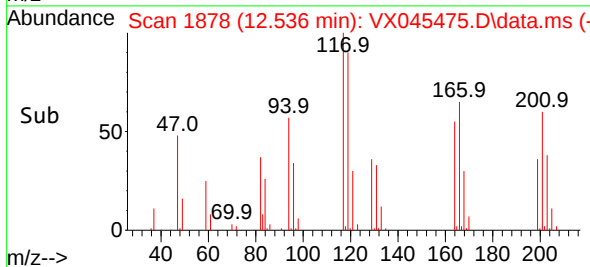
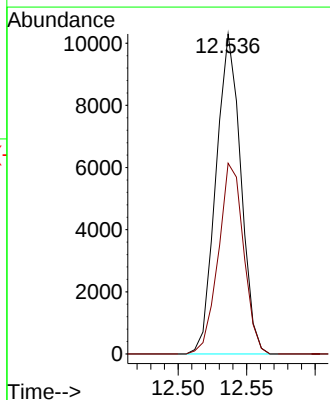
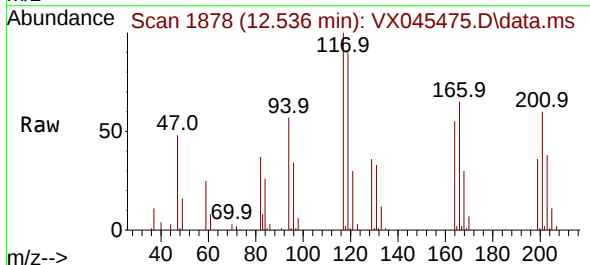
Manual Integrations
APPROVED

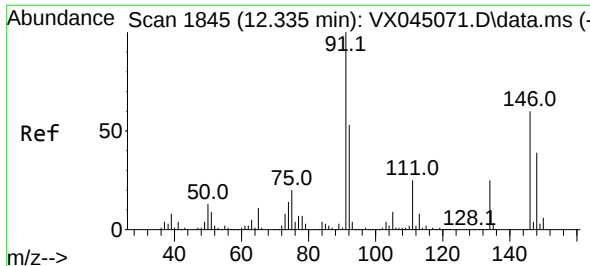
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 18.590 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

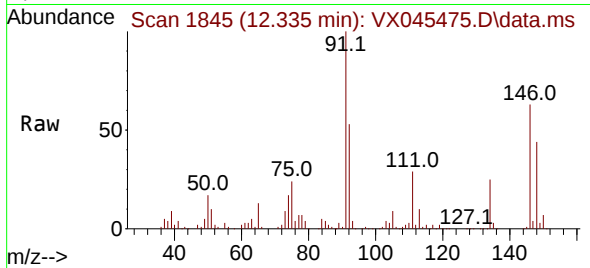
Tgt Ion:117 Resp: 12970
Ion Ratio Lower Upper
117 100
201 60.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 18.973 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

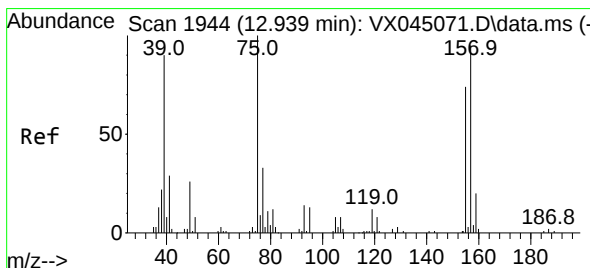
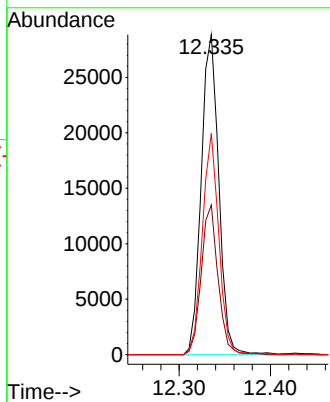
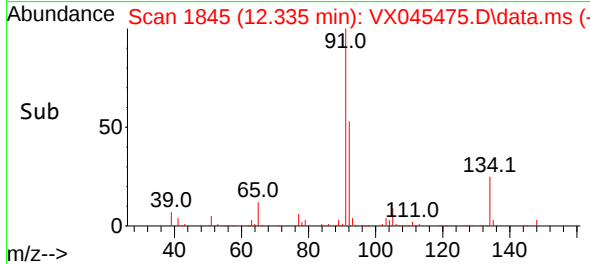
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



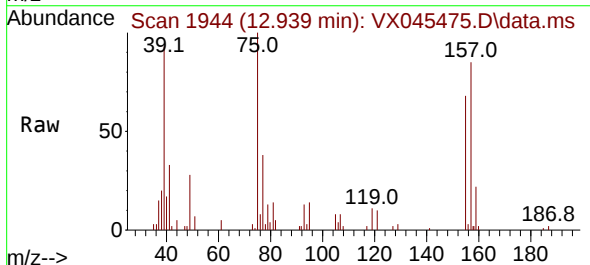
Tgt Ion:146 Resp: 3842
Ion Ratio Lower Upper
146 100
111 44.9 21.6 65.0
148 64.9 31.9 95.9

Manual Integrations
APPROVED

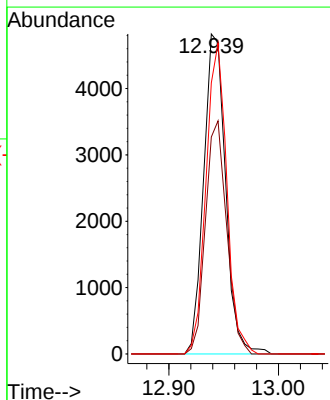
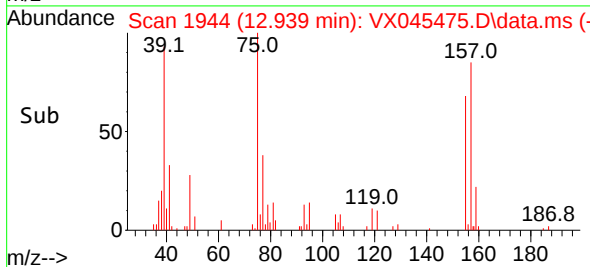
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

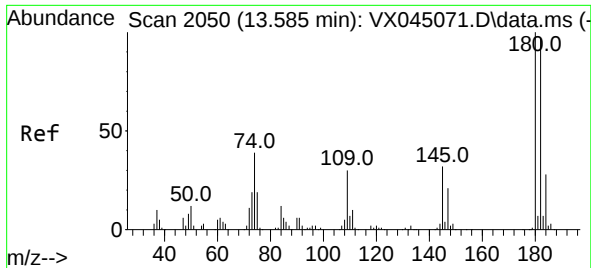


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.476 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27



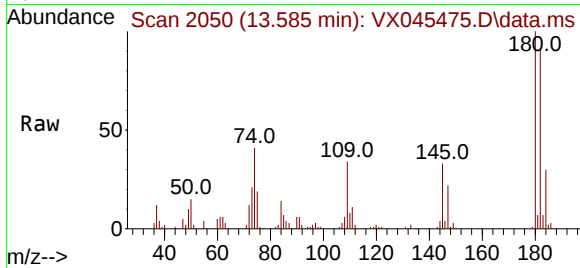
Tgt Ion: 75 Resp: 6678
Ion Ratio Lower Upper
75 100
155 70.8 39.6 118.7
157 92.3 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 18.426 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

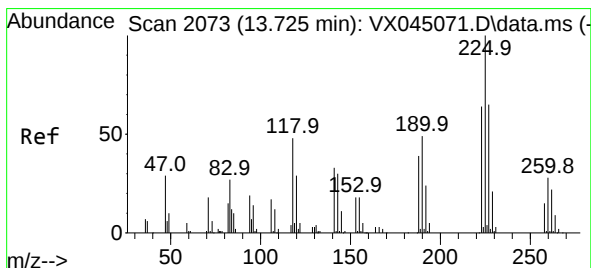
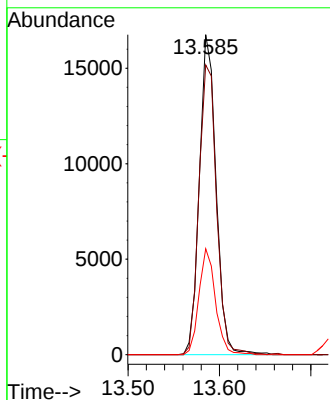
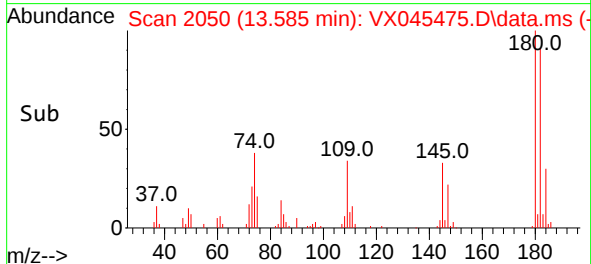
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



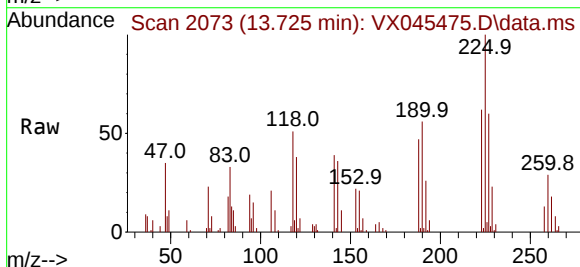
Tgt Ion:180 Resp: 2124
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 32.8 16.3 48.9

Manual Integrations
APPROVED

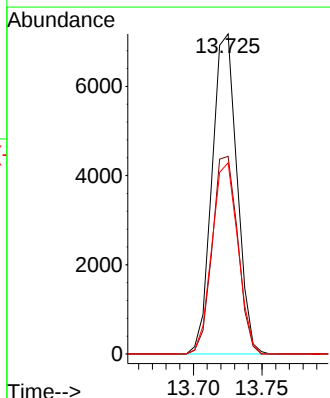
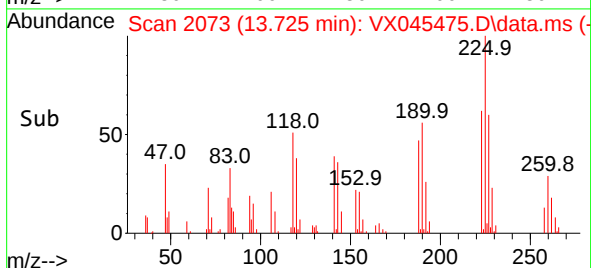
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

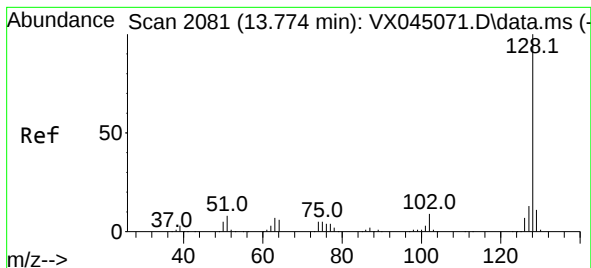


#94
Hexachlorobutadiene
Concen: 19.262 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27



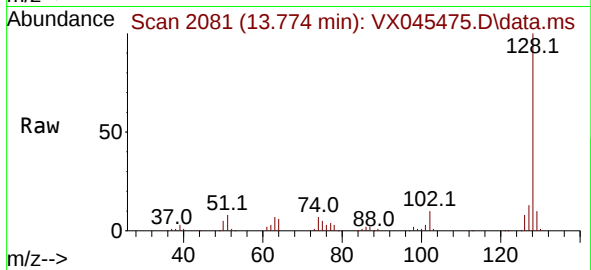
Tgt Ion:225 Resp: 9106
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 62.1 31.4 94.0





#95
Naphthalene
Concen: 17.929 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27

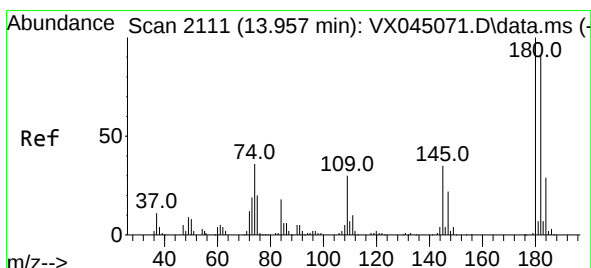
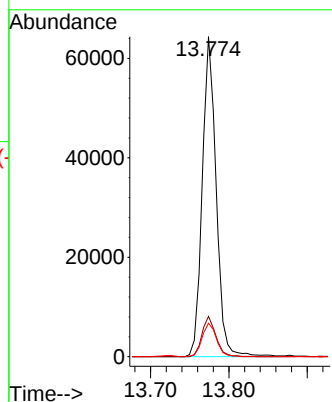
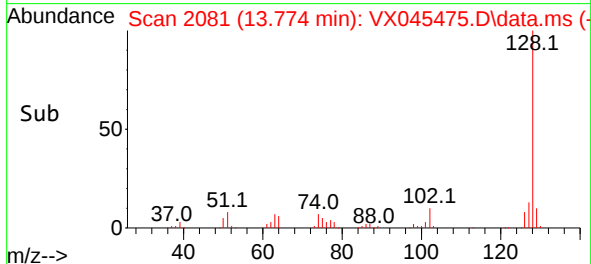
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01



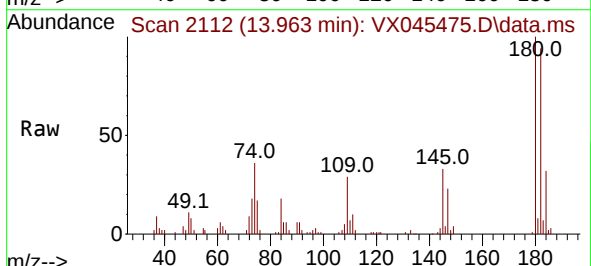
Tgt Ion:128 Resp: 79432
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.122 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045475.D
Acq: 27 Mar 2025 14:27



Tgt Ion:180 Resp: 22045
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 36.4 17.0 50.9

