

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045800.D
 Acq On : 16 Apr 2025 12:11
 Operator : JC/MD
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:35:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89259	53.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	5.379	113	60634	52.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	8.647	98	208286	51.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	11.079	95	79824	54.249	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26223	19.215	ug/l	97
3) Chloromethane	1.301	50	24106	17.194	ug/l	100
4) Vinyl Chloride	1.374	62	22830	17.793	ug/l	97
5) Bromomethane	1.593	94	10735	17.645	ug/l	100
6) Chloroethane	1.666	64	13251	19.465	ug/l	97
7) Trichlorofluoromethane	1.874	101	37615	19.659	ug/l	100
8) Diethyl Ether	2.130	74	12179	18.960	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	22629	20.183	ug/l	97
10) Methyl Iodide	2.447	142	24390	17.441	ug/l	99
11) Tert butyl alcohol	2.971	59	22536	100.482	ug/l	100
12) 1,1-Dichloroethene	2.313	96	20145	18.388	ug/l	99
13) Acrolein	2.233	56	22864	74.030	ug/l	99
14) Allyl chloride	2.654	41	41079	19.762	ug/l	99
15) Acrylonitrile	3.062	53	68066	96.143	ug/l	99
16) Acetone	2.386	43	64882	94.681	ug/l	98
17) Carbon Disulfide	2.502	76	40473	14.958	ug/l	98
18) Methyl Acetate	2.703	43	37513	23.776	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	78318	20.436	ug/l	100
20) Methylene Chloride	2.782	84	24113	18.796	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	20286	18.125	ug/l	97
22) Diisopropyl ether	3.764	45	81859	19.992	ug/l	99
23) Vinyl Acetate	3.721	43	339728	96.030	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44275	19.120	ug/l	99
25) 2-Butanone	4.562	43	99057	98.751	ug/l	99
26) 2,2-Dichloropropane	4.465	77	33716	22.535	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	26190	19.207	ug/l	96
28) Bromochloromethane	4.891	49	22857	20.426	ug/l	98
29) Tetrahydrofuran	5.001	42	63198	97.177	ug/l	99
30) Chloroform	5.087	83	47018	19.733	ug/l	99
31) Cyclohexane	5.465	56	38188	18.654	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	40463	20.069	ug/l	100
36) 1,1-Dichloropropene	5.690	75	28998	18.557	ug/l	99
37) Ethyl Acetate	4.715	43	36476	18.523	ug/l	97
38) Carbon Tetrachloride	5.666	117	33560	19.871	ug/l	95
39) Methylcyclohexane	7.373	83	36471	19.040	ug/l	94
40) Benzene	6.031	78	90157	18.891	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21777	20.959	ug/l	96
42) 1,2-Dichloroethane	6.086	62	40085	20.336	ug/l	100
43) Isopropyl Acetate	6.342	43	59835	20.047	ug/l	99
44) Trichloroethene	7.123	130	21854	19.266	ug/l	97
45) 1,2-Dichloropropane	7.428	63	22835	19.176	ug/l	96
46) Dibromomethane	7.580	93	17700	19.363	ug/l	96
47) Bromodichloromethane	7.818	83	35805	19.614	ug/l	99
48) Methyl methacrylate	7.690	41	30857	20.023	ug/l	97
49) 1,4-Dioxane	7.659	88	11317	405.891	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	205623	103.922	ug/l	100
52) Toluene	8.714	92	55575	19.244	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30071	18.634	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34942	20.369	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	23308	20.254	ug/l	95
56) Ethyl methacrylate	9.116	69	36340	20.405	ug/l	98
57) 1,3-Dichloropropane	9.305	76	40377	20.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	85031	94.380	ug/l	99
59) 2-Hexanone	9.427	43	151213	103.202	ug/l	100
60) Dibromochloromethane	9.519	129	25122	20.024	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23511	20.182	ug/l	98
64) Tetrachloroethene	9.269	164	19633	19.227	ug/l	94
65) Chlorobenzene	10.080	112	59838	19.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21536	20.072	ug/l	98
67) Ethyl Benzene	10.189	91	108314	19.569	ug/l	99
68) m/p-Xylenes	10.299	106	78456	38.972	ug/l	97
69) o-Xylene	10.640	106	39382	19.858	ug/l	100
70) Styrene	10.653	104	64978	19.852	ug/l	99
71) Bromoform	10.799	173	15526	19.380	ug/l #	97
73) Isopropylbenzene	10.957	105	103860	19.471	ug/l	100
74) N-amyl acetate	10.842	43	50004	19.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36361	19.405	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31787m	19.570	ug/l	
77) Bromobenzene	11.195	156	23662	19.199	ug/l	99
78) n-propylbenzene	11.305	91	119070	19.380	ug/l	100
79) 2-Chlorotoluene	11.360	91	76695	19.526	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87621	19.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8601	17.971	ug/l	95
82) 4-Chlorotoluene	11.451	91	85739	19.578	ug/l	99
83) tert-Butylbenzene	11.713	119	87028	19.929	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	88156	19.913	ug/l	99
85) sec-Butylbenzene	11.890	105	107627	20.067	ug/l	99
86) p-Isopropyltoluene	12.006	119	88318	19.973	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43357	19.326	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	43462	19.110	ug/l	96
89) n-Butylbenzene	12.329	91	73529	19.176	ug/l	100
90) Hexachloroethane	12.536	117	14606	19.220	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	43884	19.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8271	21.106	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	24532	19.760	ug/l	97
94) Hexachlorobutadiene	13.725	225	10725	20.047	ug/l	99
95) Naphthalene	13.774	128	90877	19.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24818	19.090	ug/l	97

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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

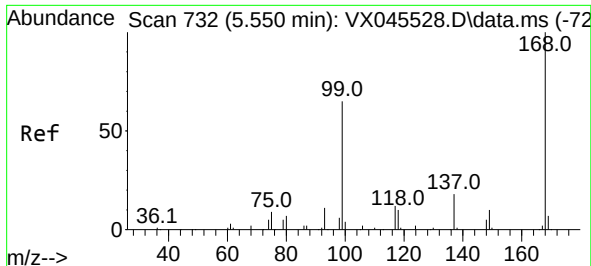
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

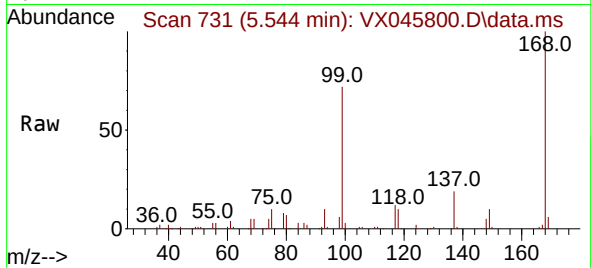
Quant Time: Apr 17 01:35:35 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

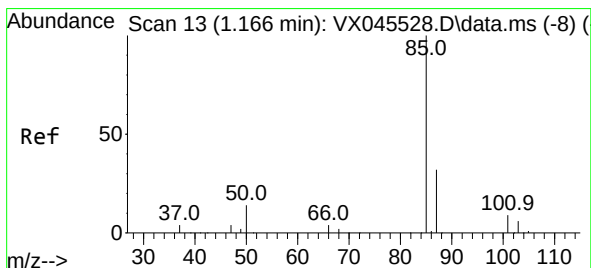
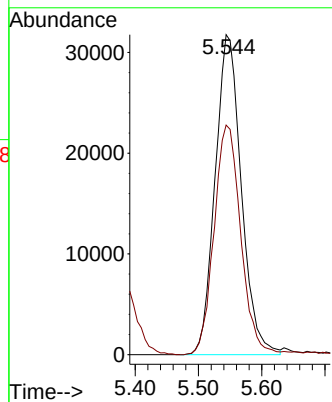
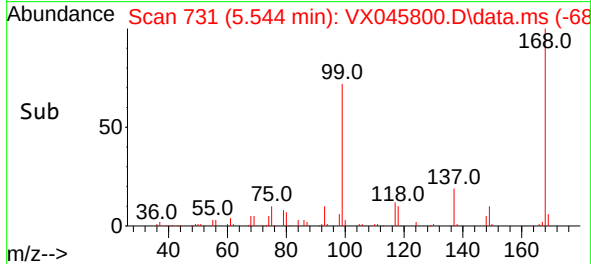
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:168 Resp: 91250
Ion Ratio Lower Upper
168 100
99 71.8 52.3 78.5

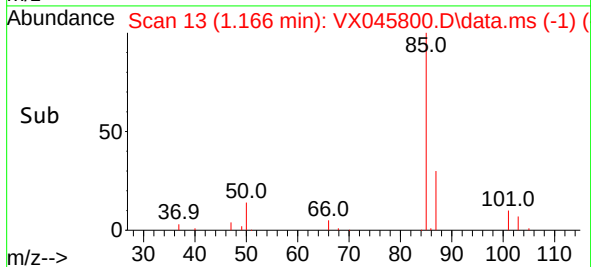
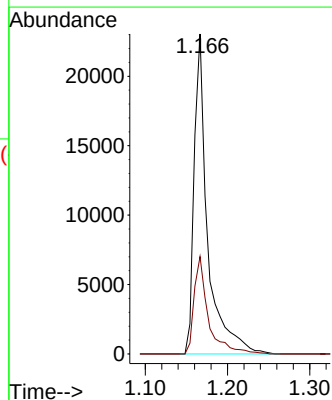
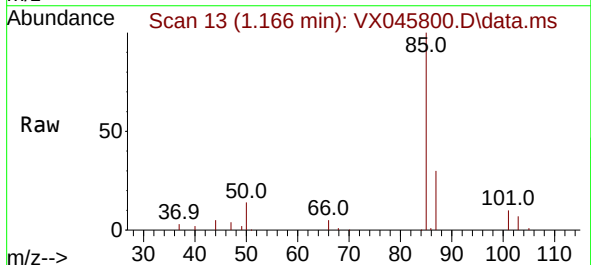
Manual Integrations
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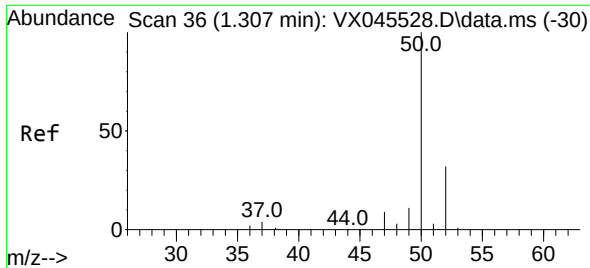
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 19.215 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 85 Resp: 26223
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2





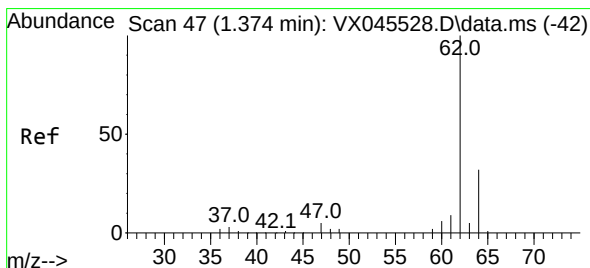
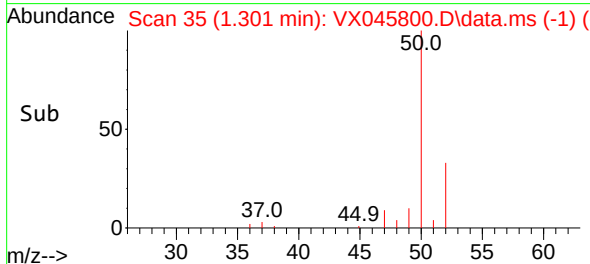
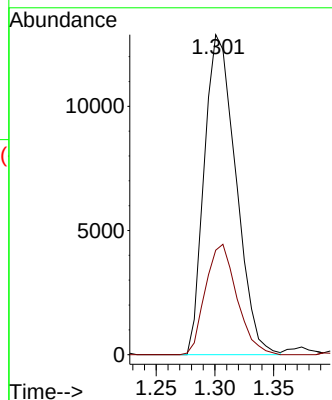
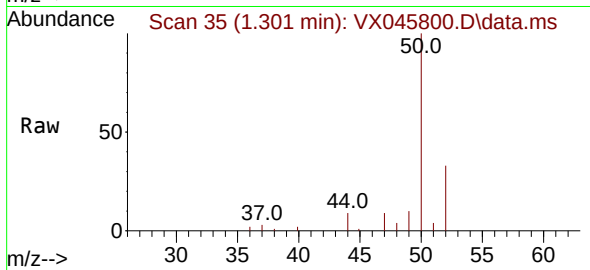
#3
Chloromethane
Concen: 17.194 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
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ClientSampleId :
VX0416WBS01

Tgt Ion: 50 Resp: 24100
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

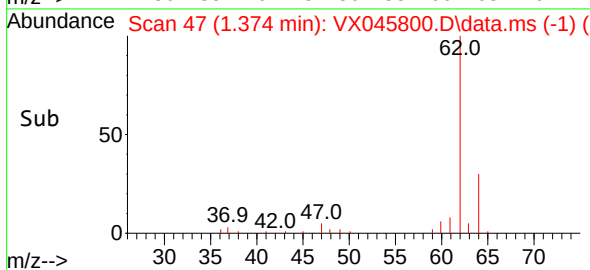
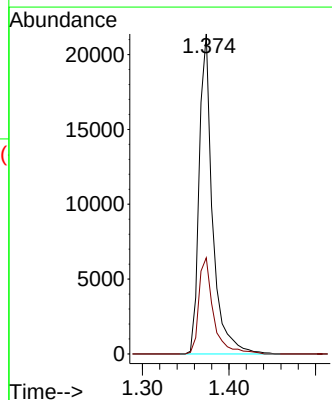
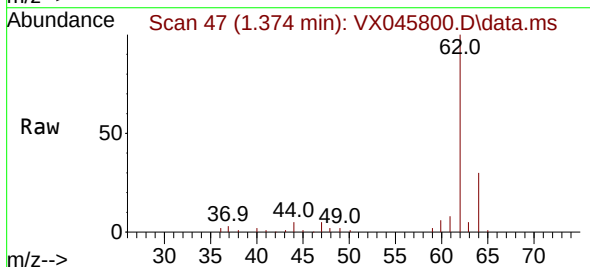
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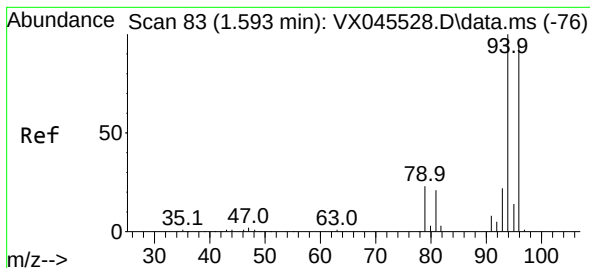
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#4
Vinyl Chloride
Concen: 17.793 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

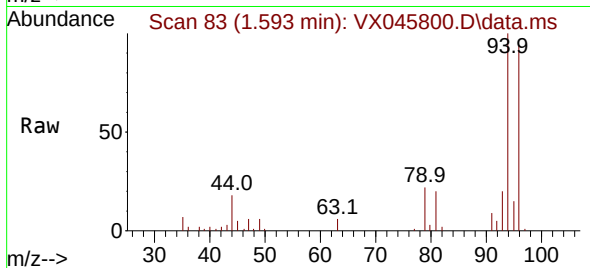
Tgt Ion: 62 Resp: 22830
Ion Ratio Lower Upper
62 100
64 30.1 25.5 38.3





#5
Bromomethane
Concen: 17.645 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

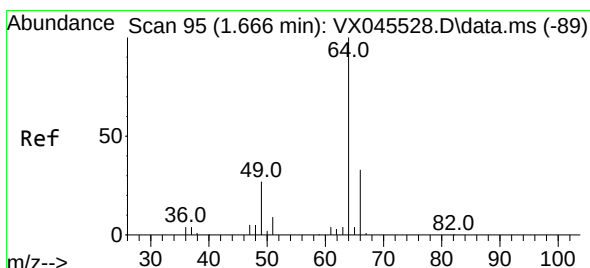
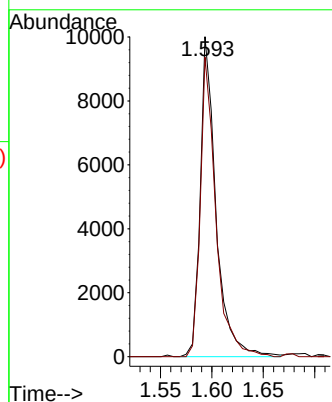
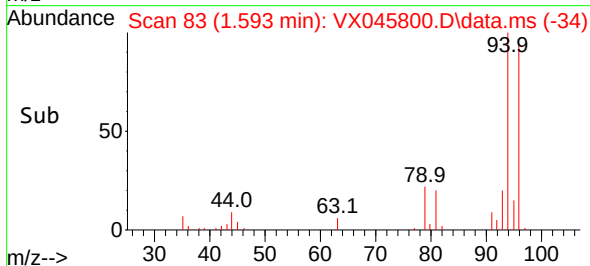
Instrument :
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Tgt Ion: 94 Resp: 10735
Ion Ratio Lower Upper
94 100
96 93.6 74.8 112.2

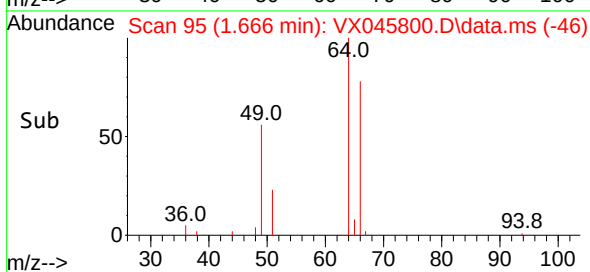
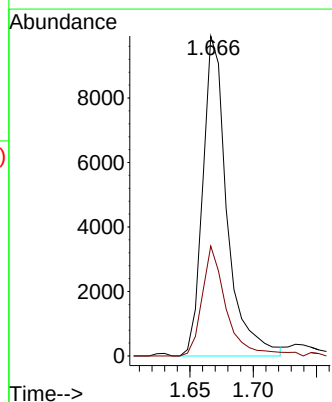
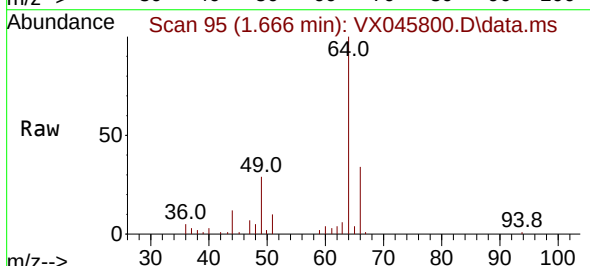
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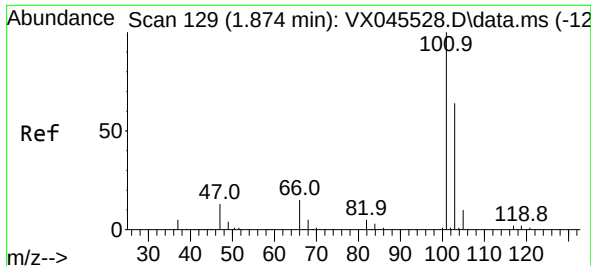
Reviewed By :John Carlone 04/17/2025
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#6
Chloroethane
Concen: 19.465 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045800.D
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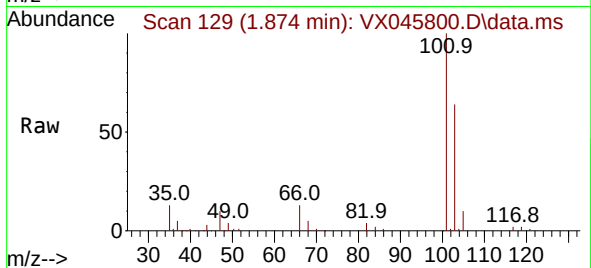
Tgt Ion: 64 Resp: 13251
Ion Ratio Lower Upper
64 100
66 34.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.659 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045800.D
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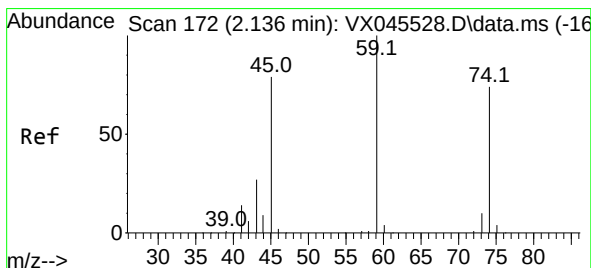
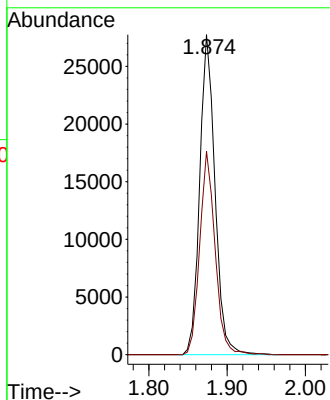
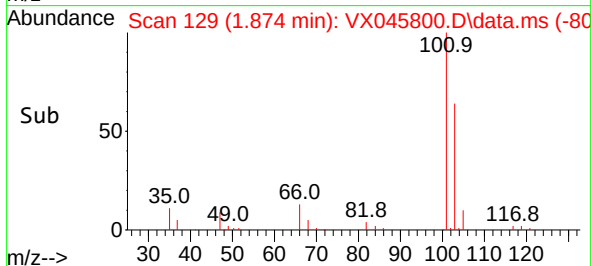
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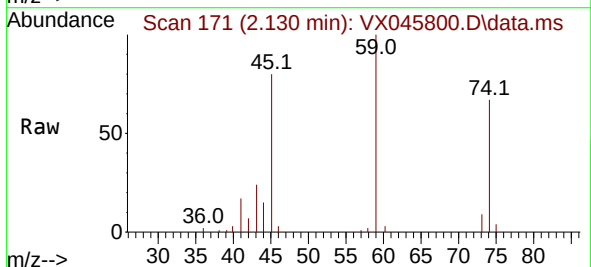
Tgt Ion:101 Resp: 3761
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

Manual Integrations
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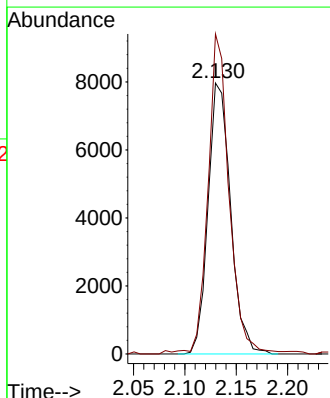
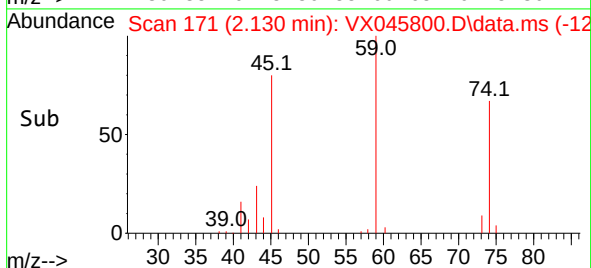
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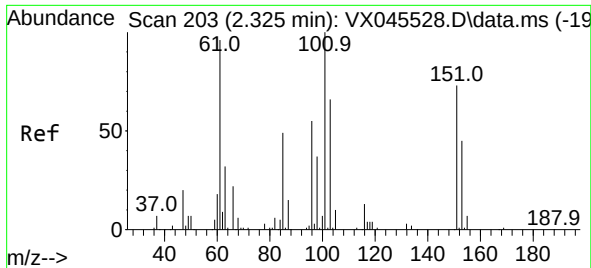


#8
Diethyl Ether
Concen: 18.960 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045800.D
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Tgt Ion: 74 Resp: 12179
Ion Ratio Lower Upper
74 100
45 111.5 53.0 159.1





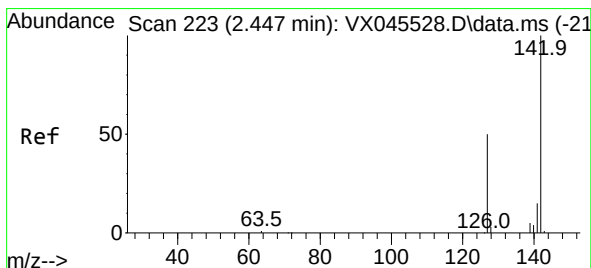
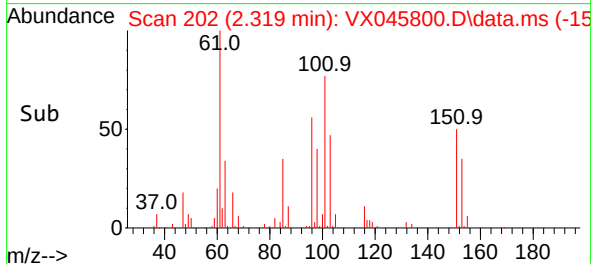
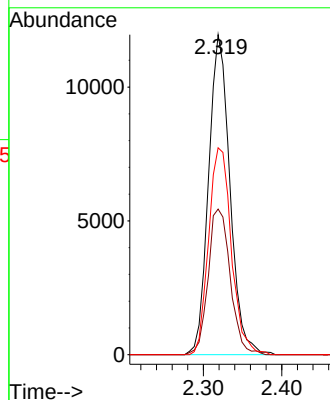
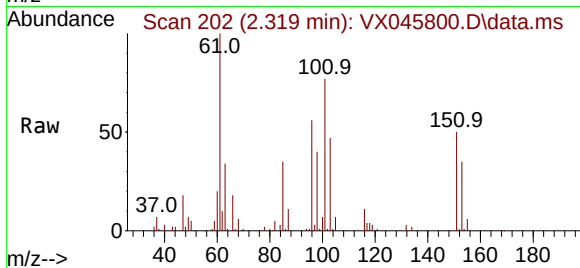
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.183 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion:101 Resp: 22629
Ion Ratio Lower Upper
101 100
85 47.2 38.9 58.3
151 68.9 57.5 86.3

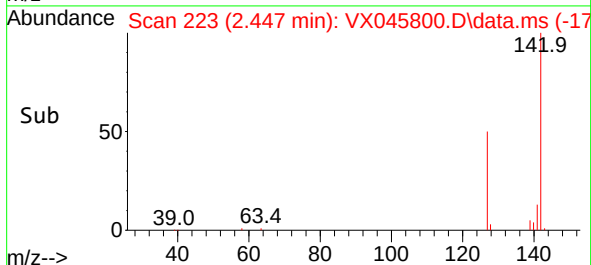
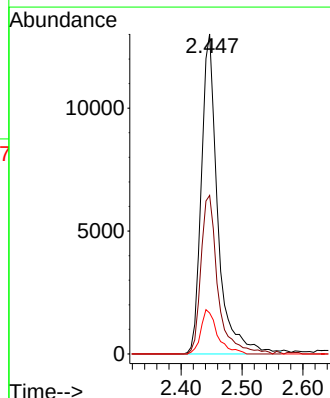
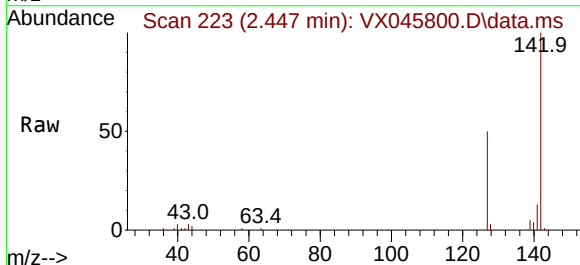
Manual Integrations
APPROVED

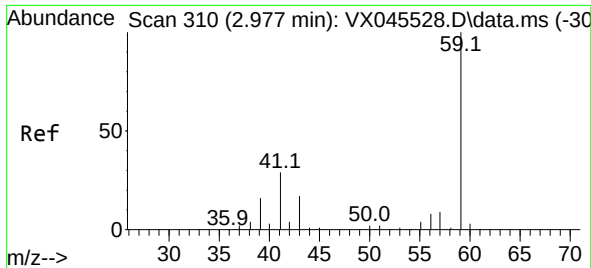
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 17.441 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

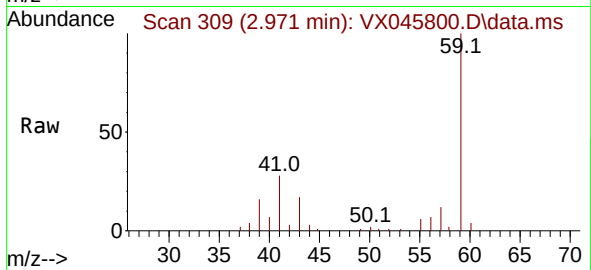
Tgt Ion:142 Resp: 24390
Ion Ratio Lower Upper
142 100
127 51.0 40.2 60.4
141 14.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 100.482 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

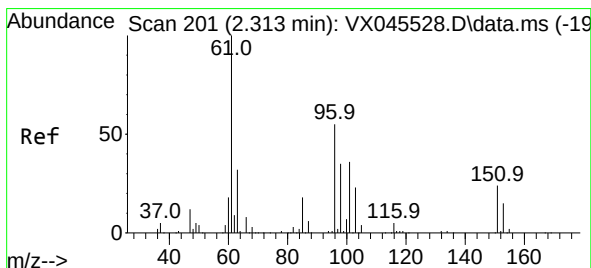
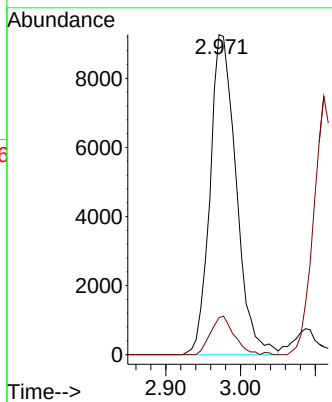
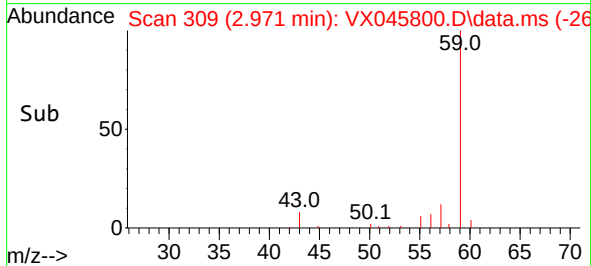
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 59 Resp: 22530
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

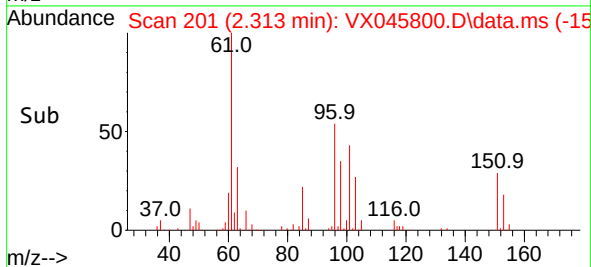
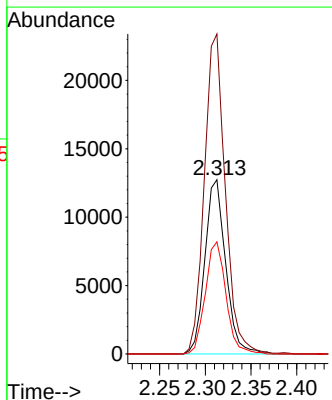
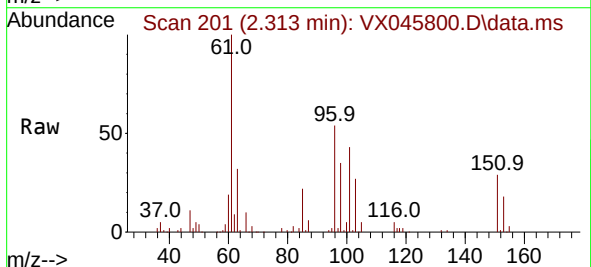
Manual Integrations
APPROVED

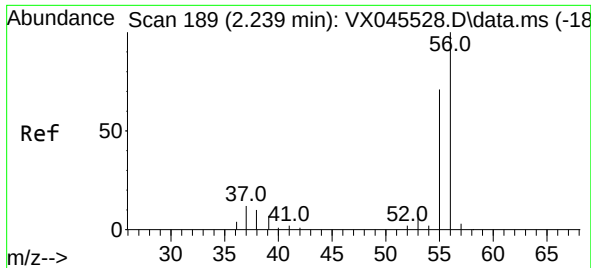
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#12
1,1-Dichloroethene
Concen: 18.388 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

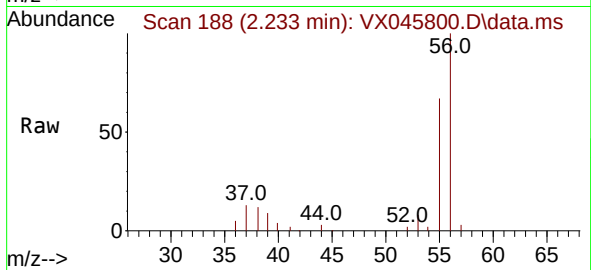
Tgt Ion: 96 Resp: 20145
Ion Ratio Lower Upper
96 100
61 183.6 145.7 218.5
98 64.4 51.6 77.4





#13
Acrolein
Concen: 74.030 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

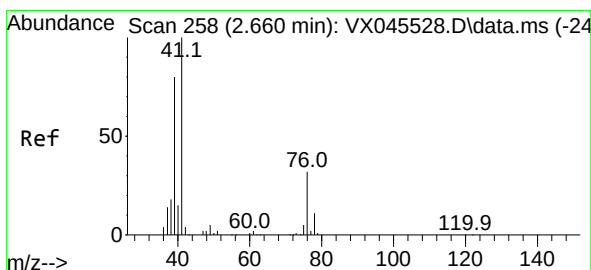
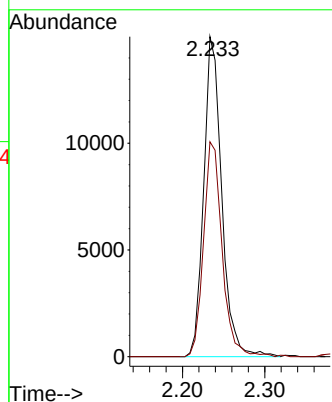
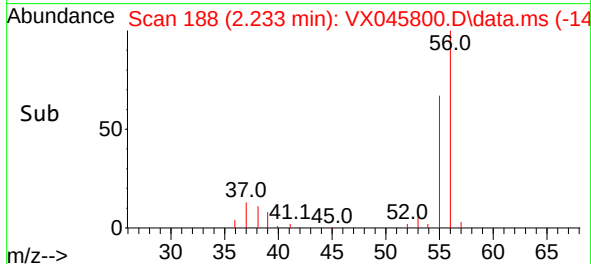
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 56 Resp: 22864
Ion Ratio Lower Upper
56 100
55 69.1 56.2 84.2

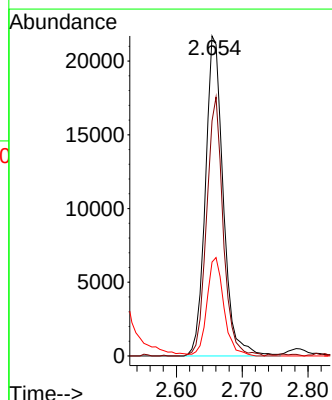
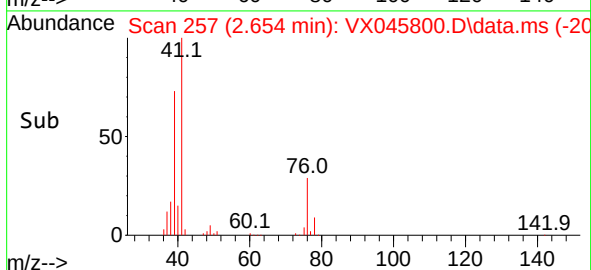
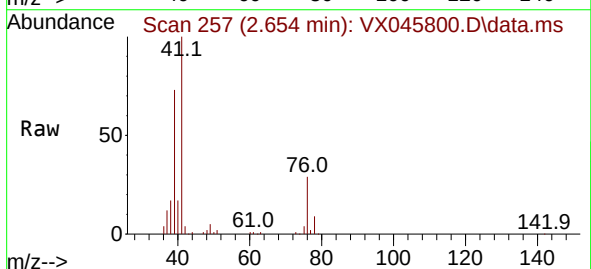
Manual Integrations
APPROVED

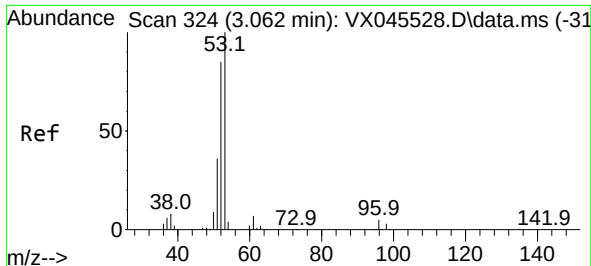
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#14
Allyl chloride
Concen: 19.762 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

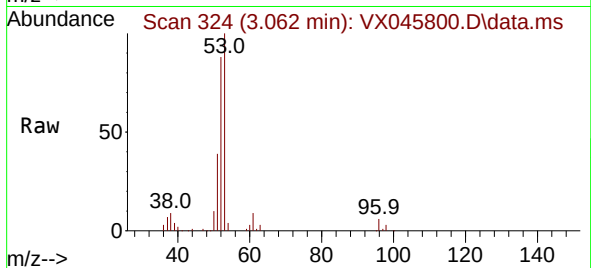
Tgt Ion: 41 Resp: 41079
Ion Ratio Lower Upper
41 100
39 74.7 60.2 90.2
76 29.2 24.6 36.8





#15
Acrylonitrile
Concen: 96.143 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

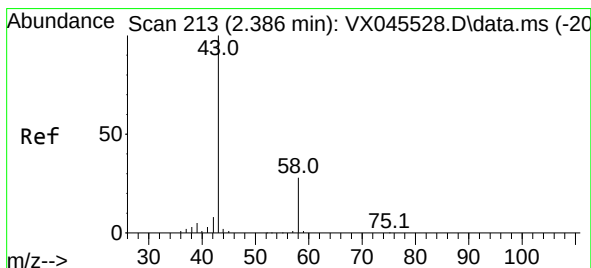
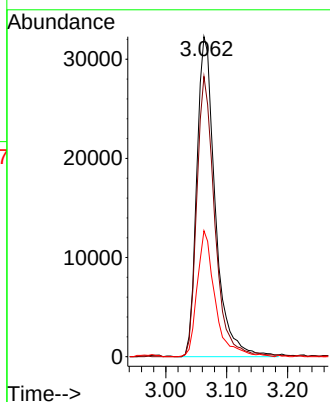
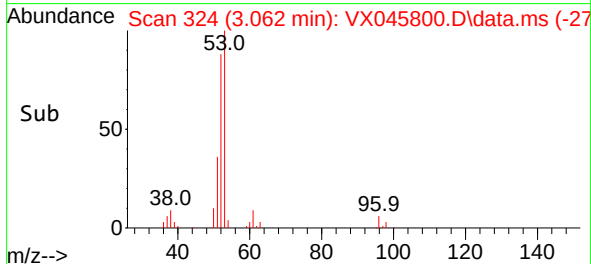
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 53 Resp: 6806
Ion Ratio Lower Upper
53 100
52 85.4 67.4 101.2
51 38.3 29.9 44.9

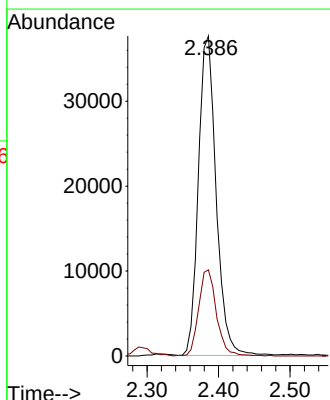
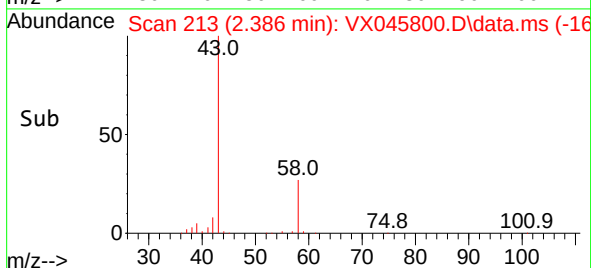
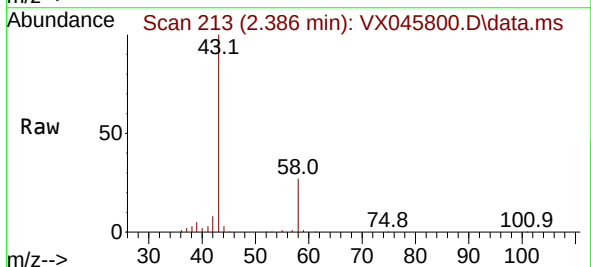
Manual Integrations
APPROVED

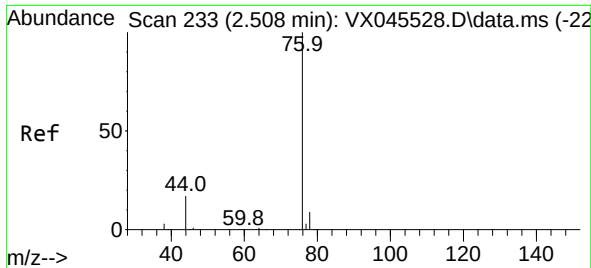
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 94.681 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 43 Resp: 64882
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





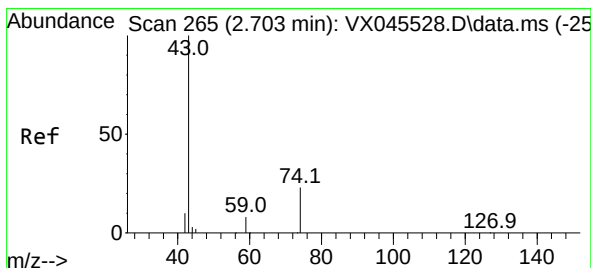
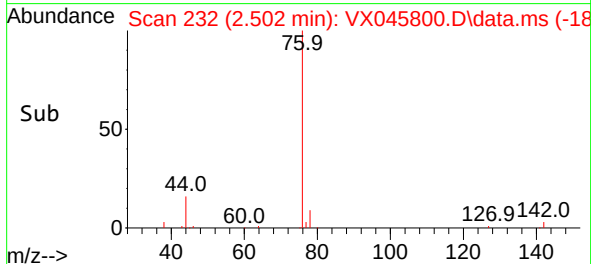
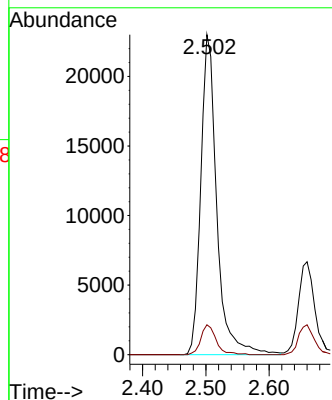
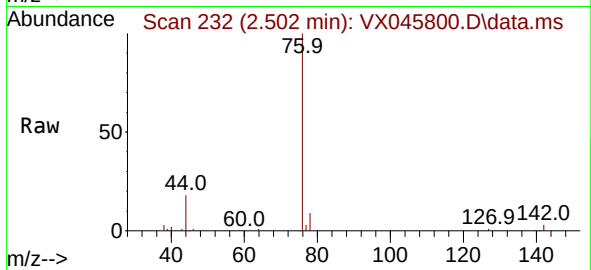
#17
Carbon Disulfide
Concen: 14.958 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 76 Resp: 4047
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

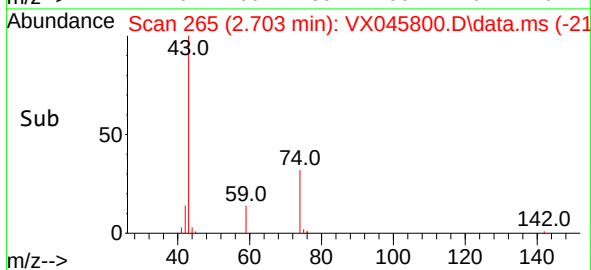
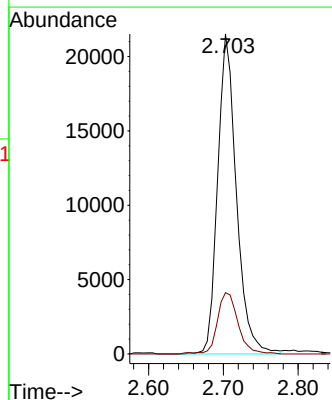
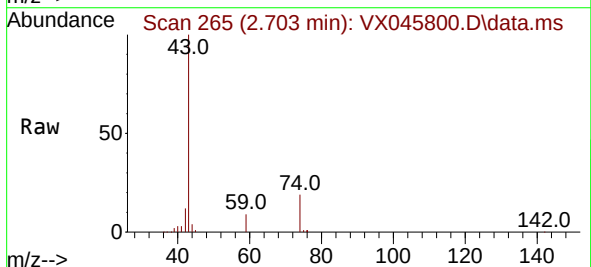
Manual Integrations
APPROVED

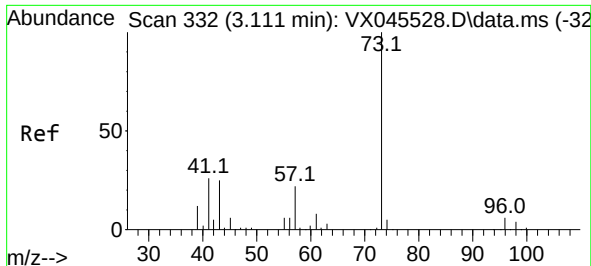
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#18
Methyl Acetate
Concen: 23.776 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 43 Resp: 37513
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3





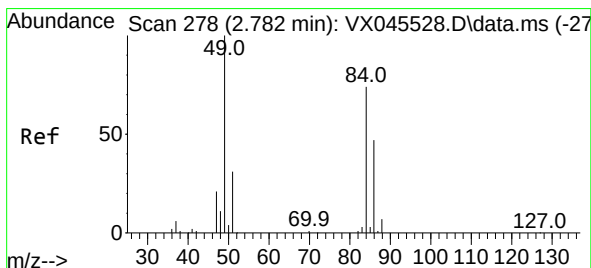
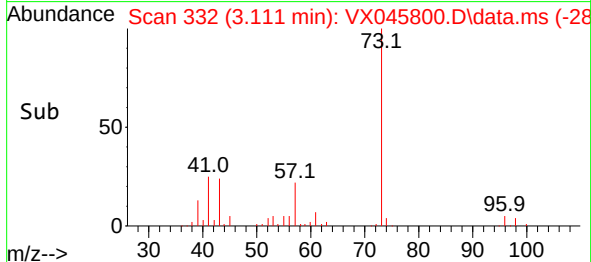
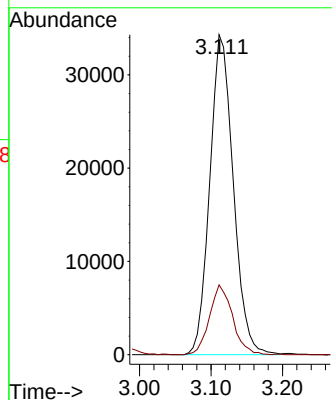
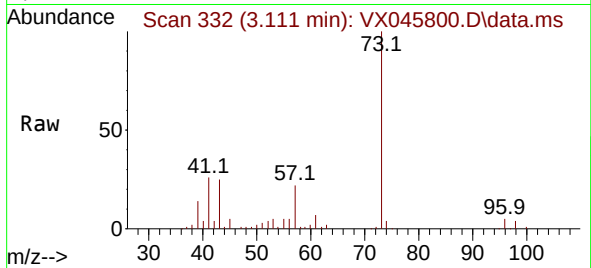
#19
Methyl tert-butyl Ether
Concen: 20.436 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 73 Resp: 78318
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

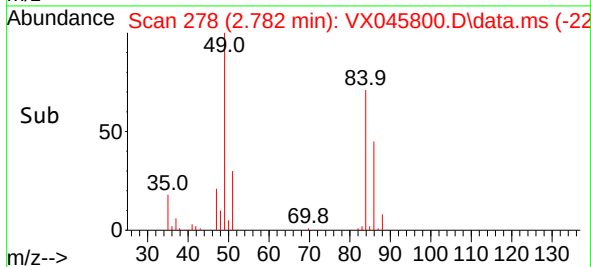
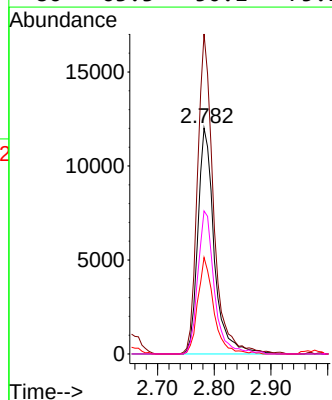
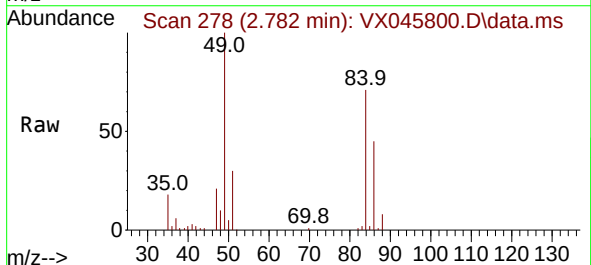
Manual Integrations
APPROVED

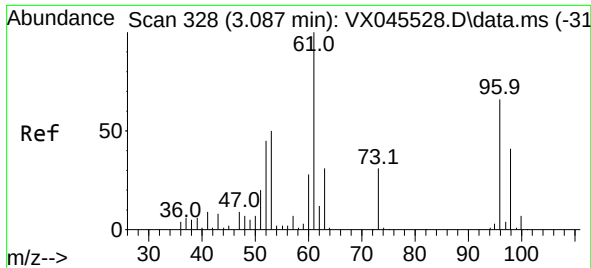
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 18.796 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

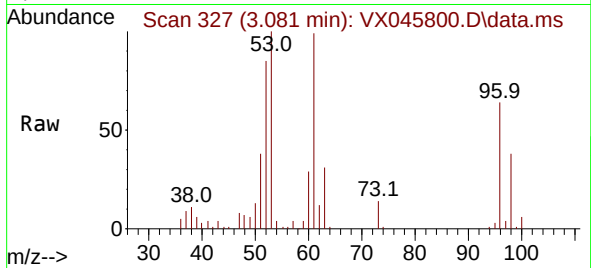
Tgt Ion: 84 Resp: 24113
Ion Ratio Lower Upper
84 100
49 141.7 107.5 161.3
51 42.7 33.0 49.6
86 63.3 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.125 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

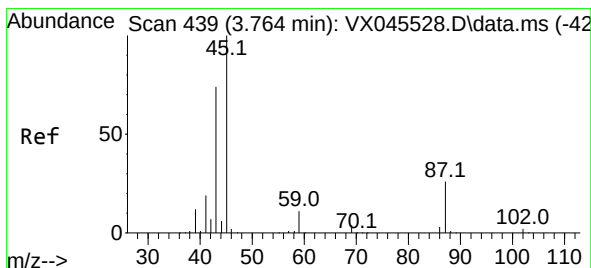
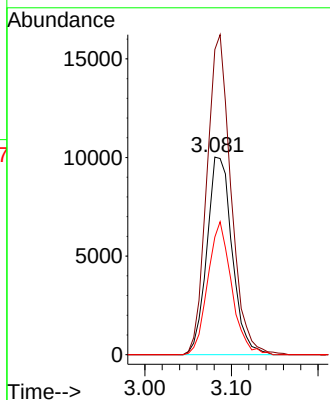
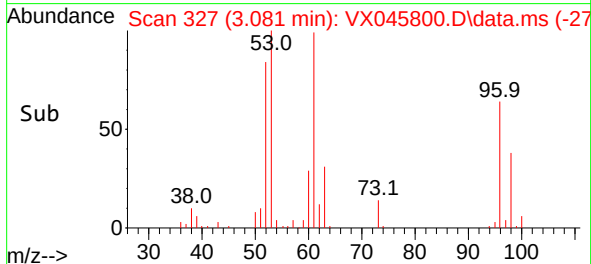
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 96 Resp: 20280
Ion Ratio Lower Upper
96 100
61 154.4 121.0 181.6
98 59.5 49.7 74.5

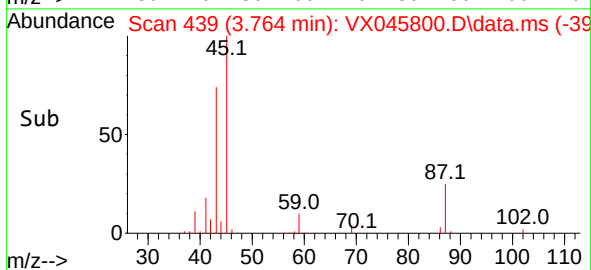
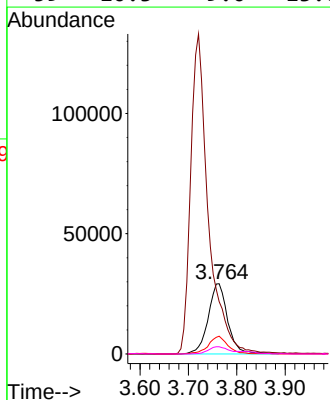
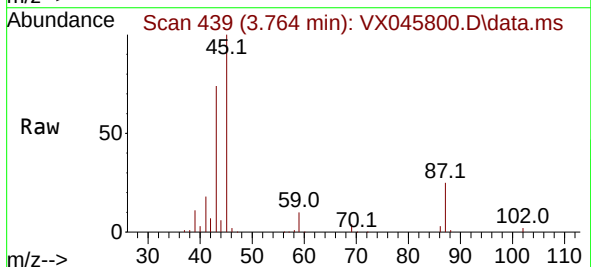
Manual Integrations
APPROVED

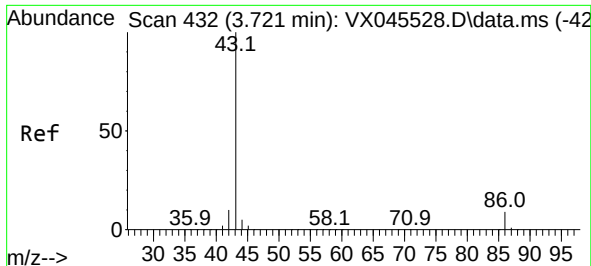
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 19.992 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

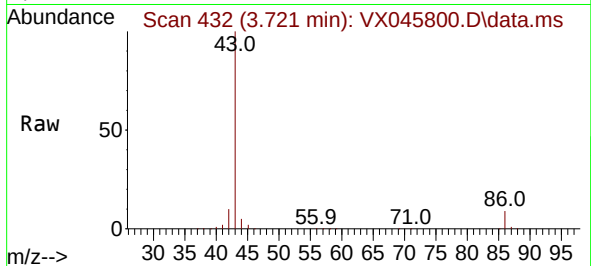
Tgt Ion: 45 Resp: 81859
Ion Ratio Lower Upper
45 100
43 73.3 59.3 88.9
87 25.4 20.4 30.6
59 10.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 96.030 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045800.D
 Acq: 16 Apr 2025 12:11

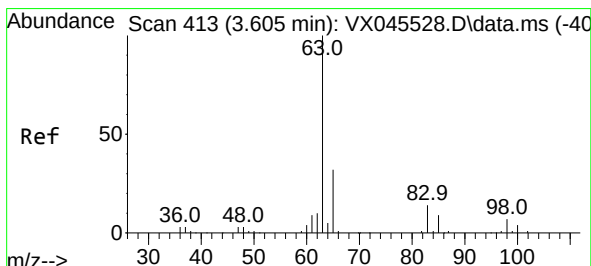
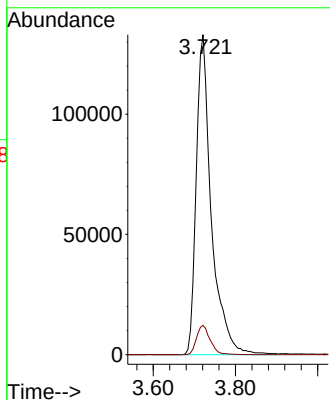
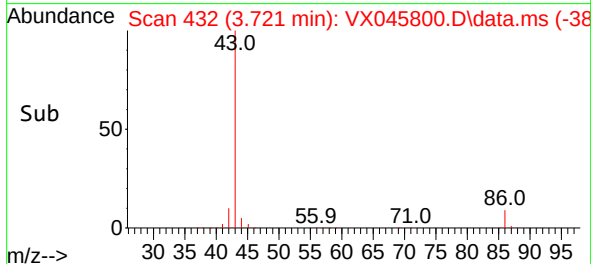
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01



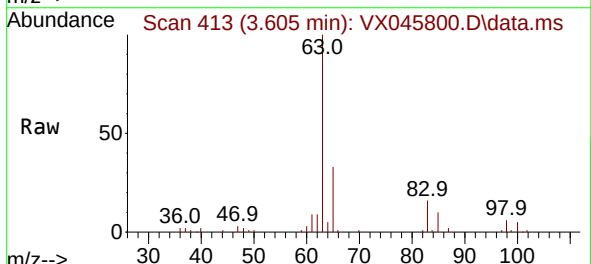
Tgt Ion: 43 Resp: 339728
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

Manual Integrations
 APPROVED

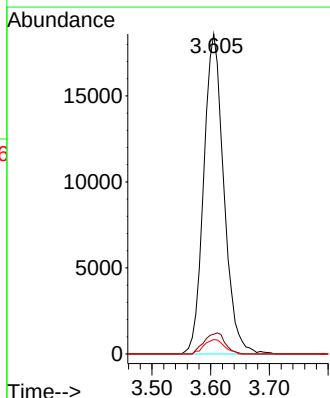
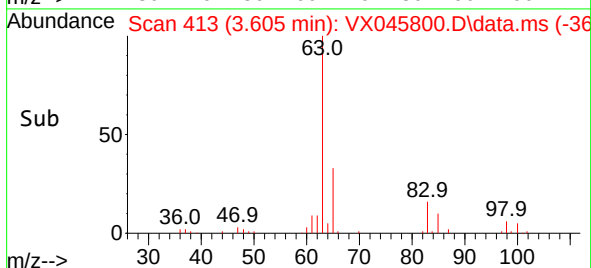
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

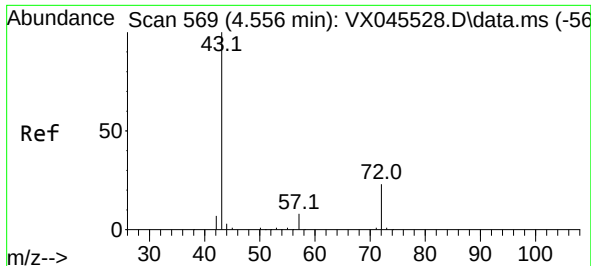


#24
 1,1-Dichloroethane
 Concen: 19.120 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045800.D
 Acq: 16 Apr 2025 12:11



Tgt Ion: 63 Resp: 44275
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 4.5 2.2 6.6





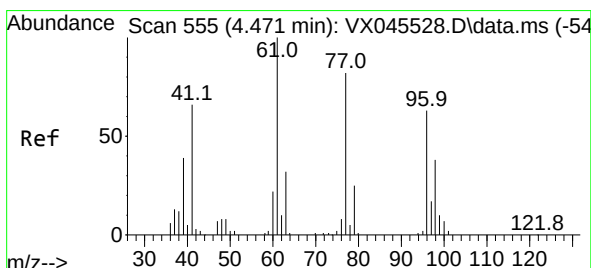
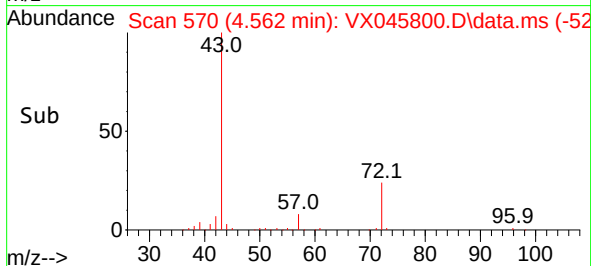
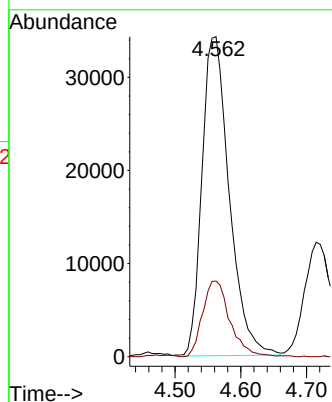
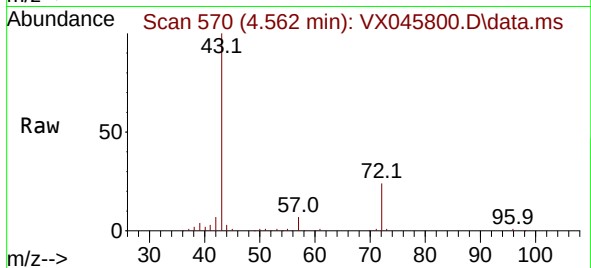
#25
2-Butanone
Concen: 98.751 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 43 Resp: 9905
Ion Ratio Lower Upper
43 100
72 23.7 18.6 28.0

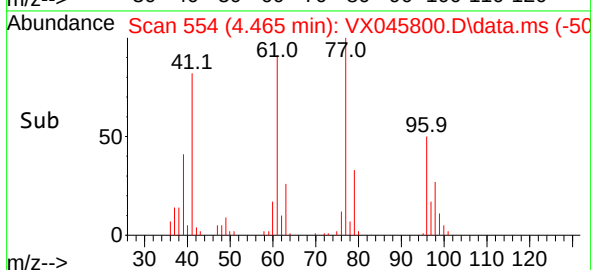
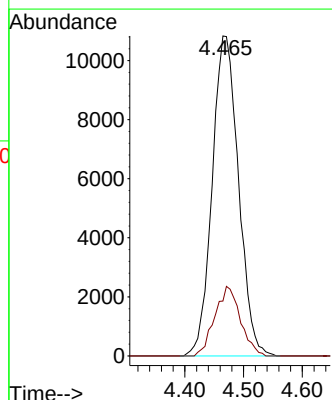
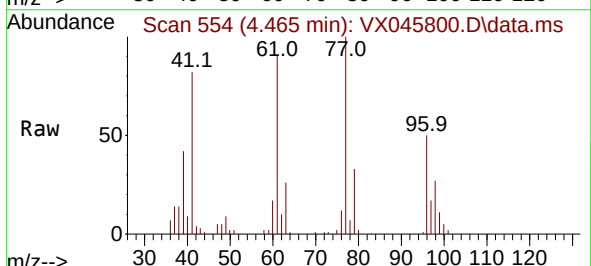
Manual Integrations
APPROVED

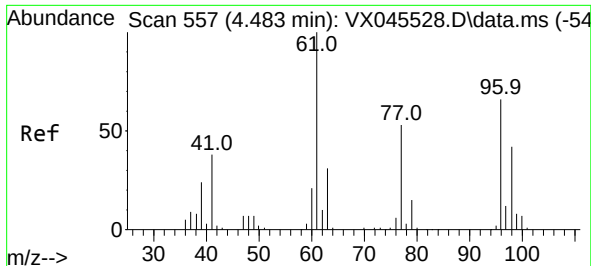
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#26
2,2-Dichloropropane
Concen: 22.535 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 77 Resp: 33716
Ion Ratio Lower Upper
77 100
97 21.1 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 19.207 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

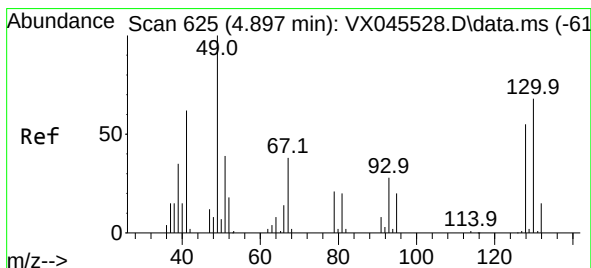
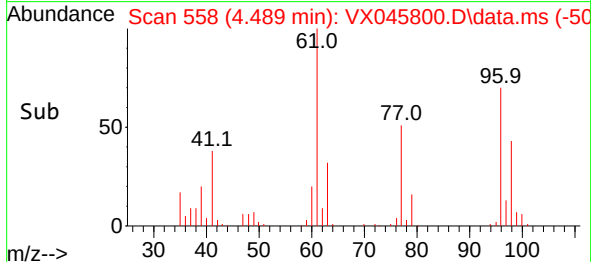
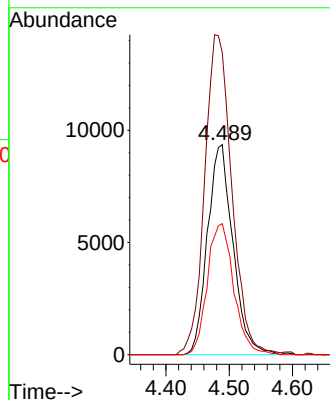
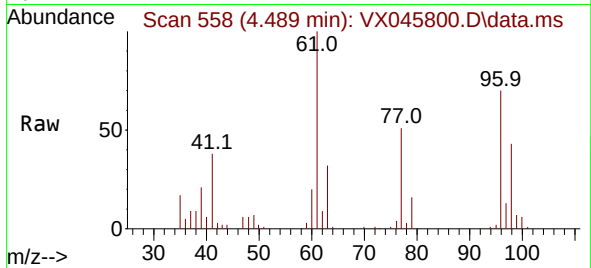
Tgt Ion: 96 Resp: 26190
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 313.2
 98 64.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#28

Bromochloromethane

Concen: 20.426 ug/l

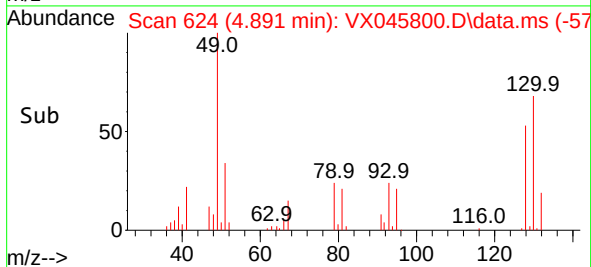
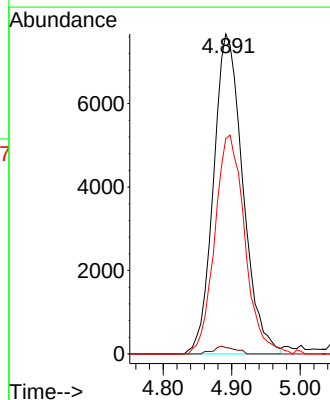
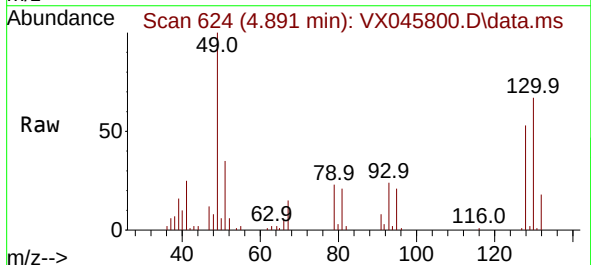
RT: 4.891 min Scan# 624

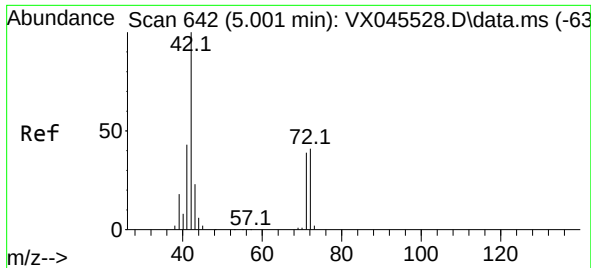
Delta R.T. -0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion: 49 Resp: 22857
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 69.7 54.6 81.8





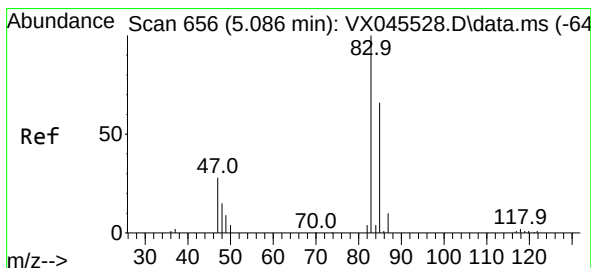
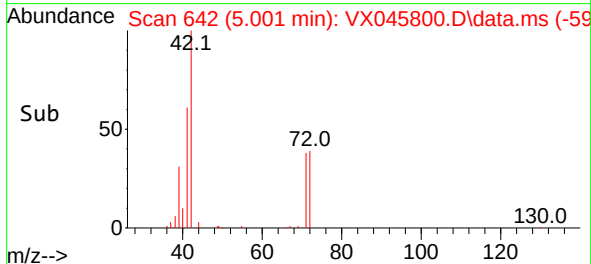
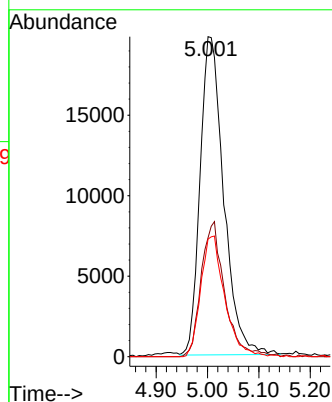
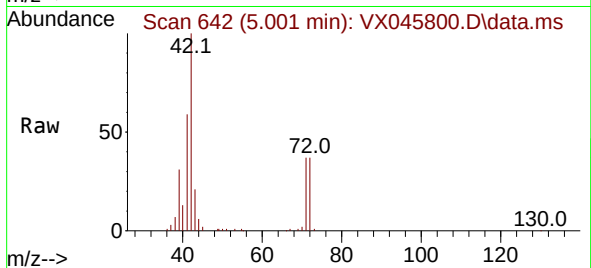
#29
Tetrahydrofuran
Concen: 97.177 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 42 Resp: 63198
Ion Ratio Lower Upper
42 100
72 42.2 33.4 50.0
71 38.4 31.4 47.0

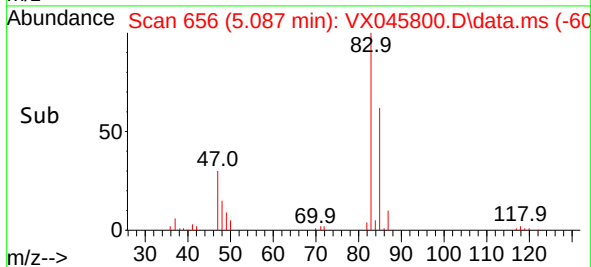
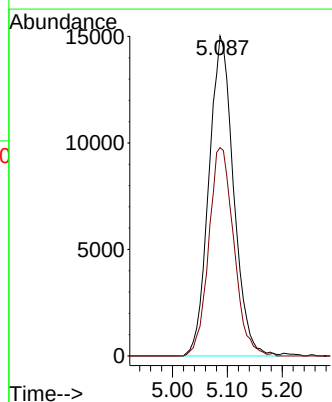
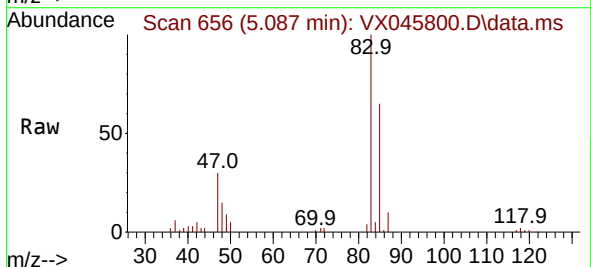
Manual Integrations
APPROVED

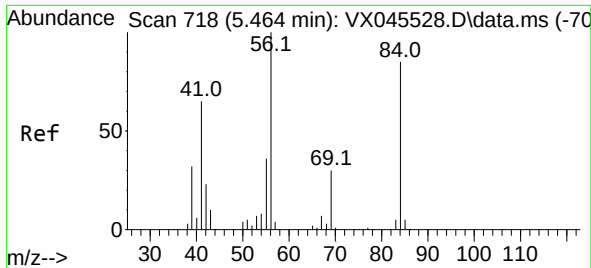
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#30
Chloroform
Concen: 19.733 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

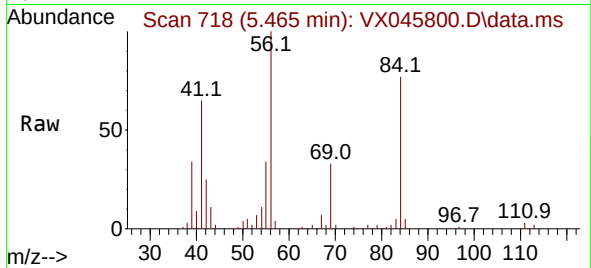
Tgt Ion: 83 Resp: 47018
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2





#31
Cyclohexane
Concen: 18.654 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

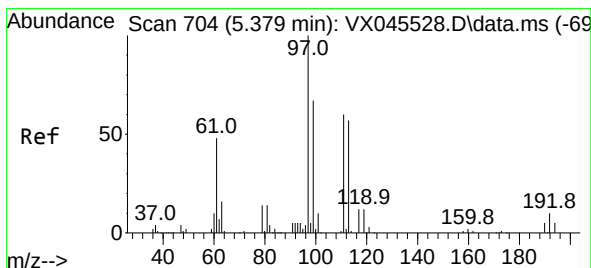
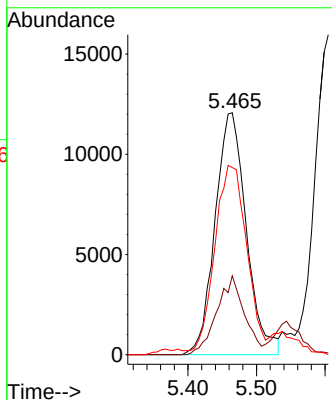
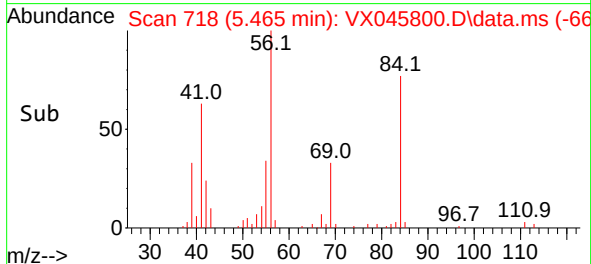
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



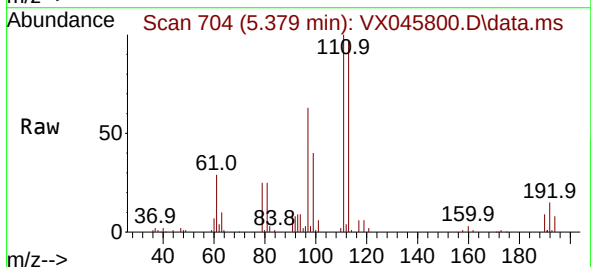
Tgt Ion: 56 Resp: 3818
Ion Ratio Lower Upper
56 100
69 32.6 23.6 35.4
84 75.1 67.7 101.5

Manual Integrations
APPROVED

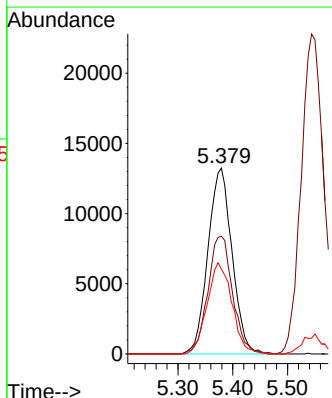
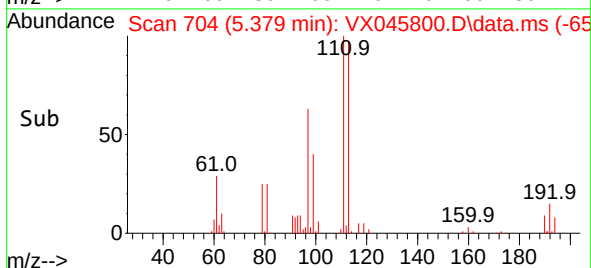
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

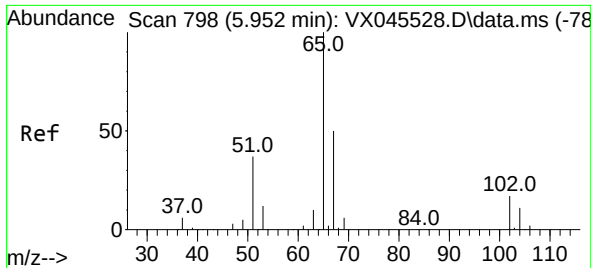


#32
1,1,1-Trichloroethane
Concen: 20.069 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



Tgt Ion: 97 Resp: 40463
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 50.5 41.0 61.4





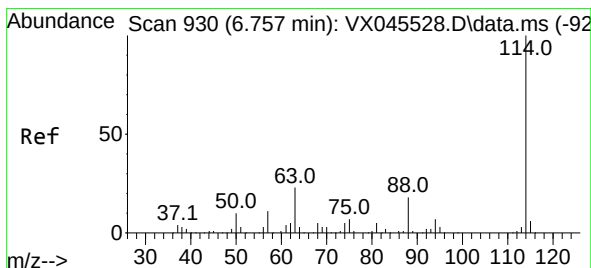
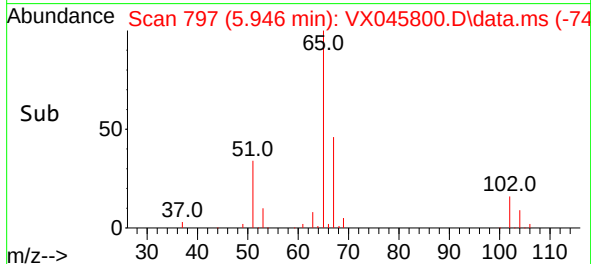
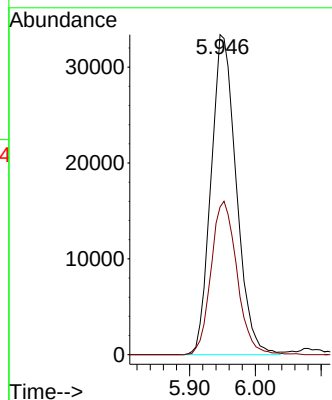
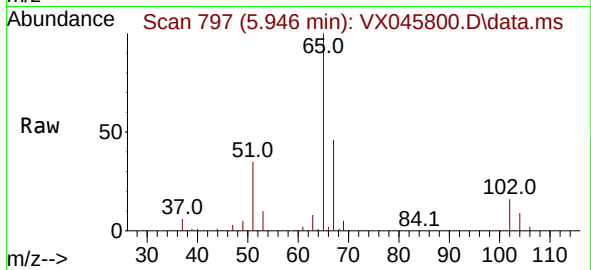
#33
1,2-Dichloroethane-d4
Concen: 53.486 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 65 Resp: 8925
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

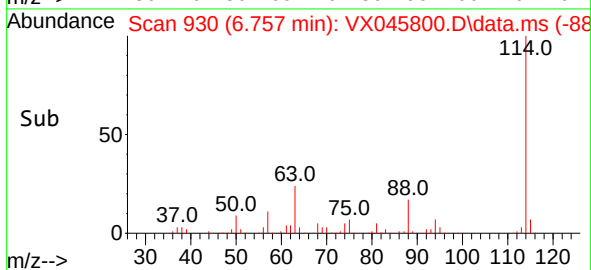
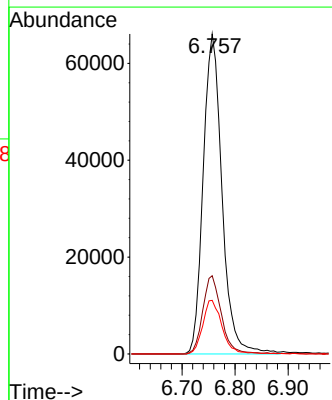
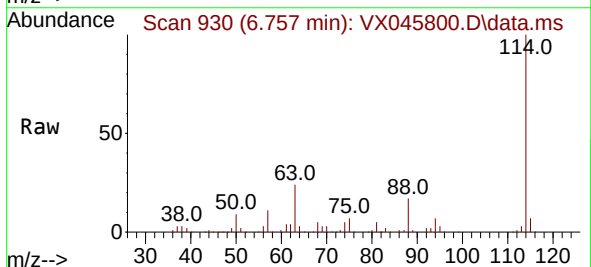
Manual Integrations
APPROVED

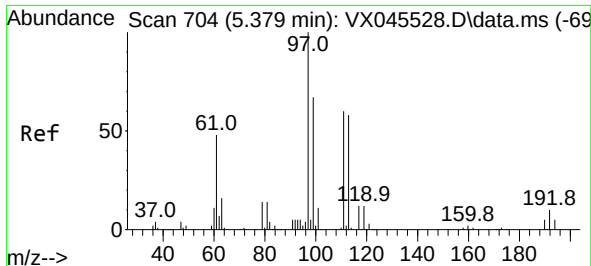
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

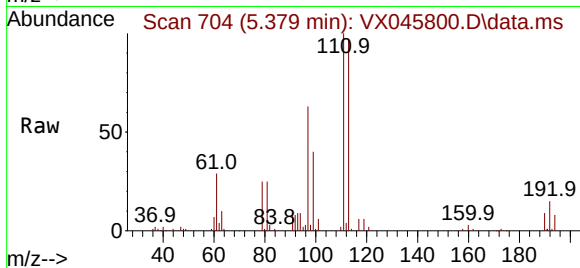
Tgt Ion:114 Resp: 163123
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.8
88 16.7 0.0 35.4





#35
Dibromofluoromethane
Concen: 52.390 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

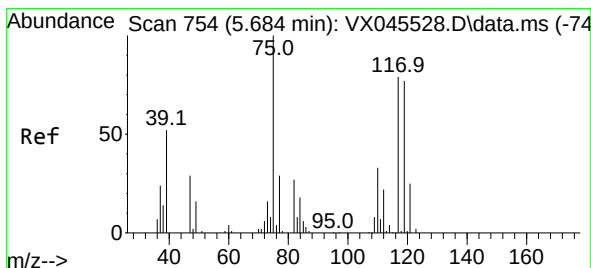
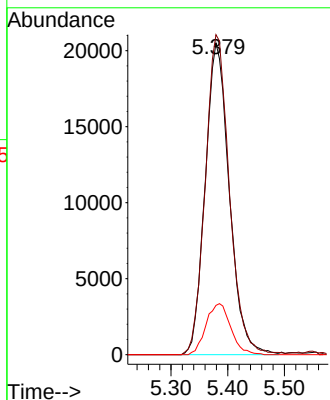
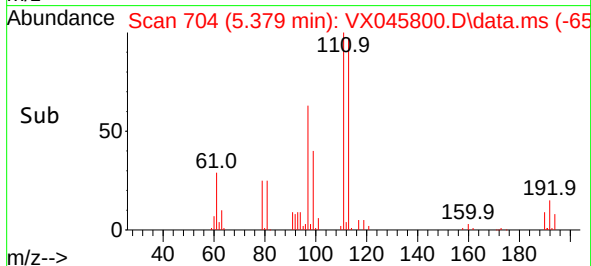
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 113 Resp: 60634
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.8 13.8 20.6

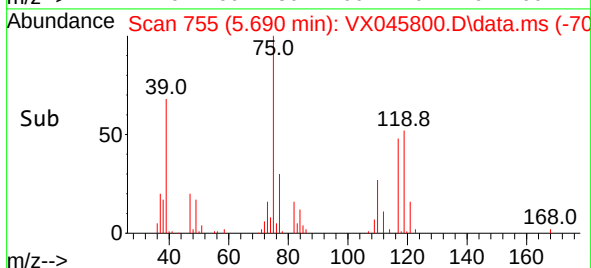
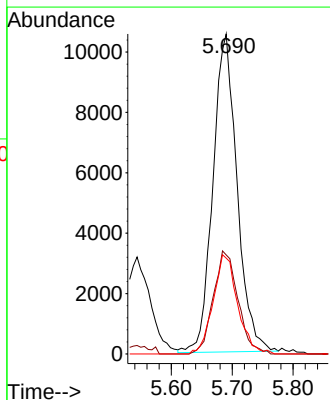
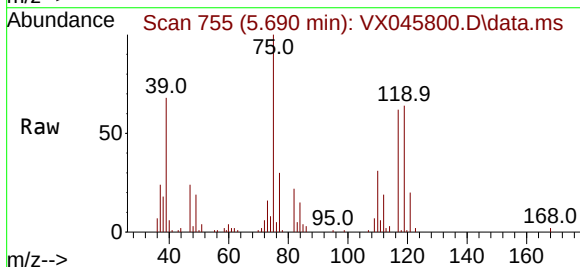
Manual Integrations
APPROVED

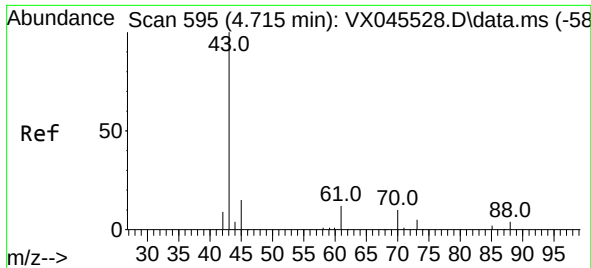
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#36
1,1-Dichloropropene
Concen: 18.557 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

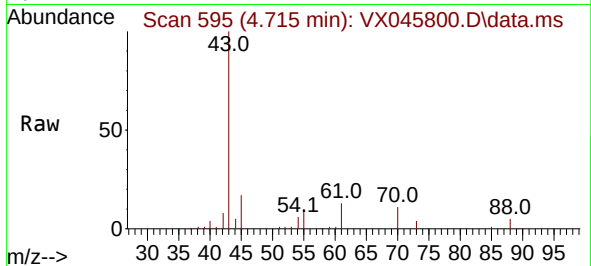
Tgt Ion: 75 Resp: 28998
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.6
77 31.7 25.0 37.4





#37
Ethyl Acetate
Concen: 18.523 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

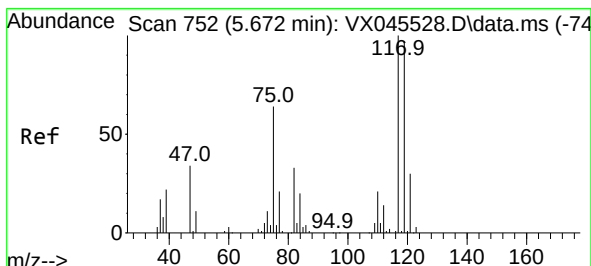
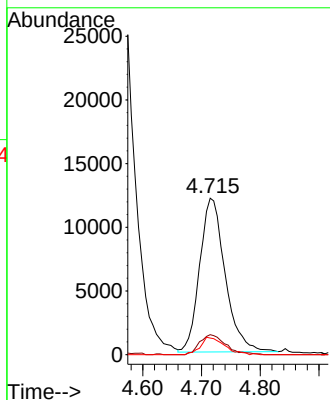
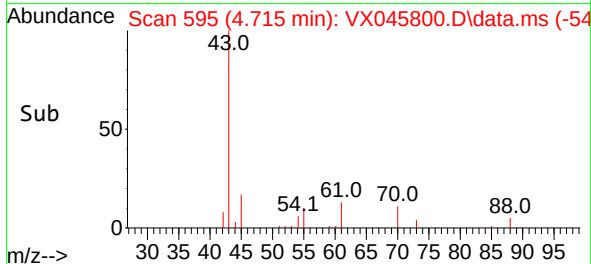
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 43 Resp: 36470
Ion Ratio Lower Upper
43 100
61 13.3 9.9 14.9
70 10.6 7.5 11.3

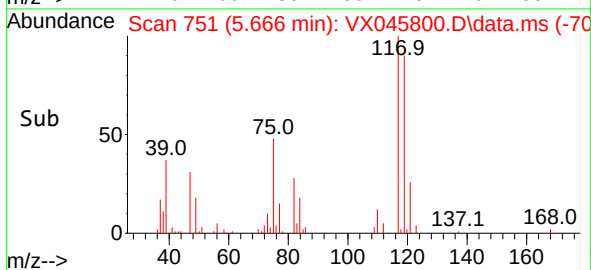
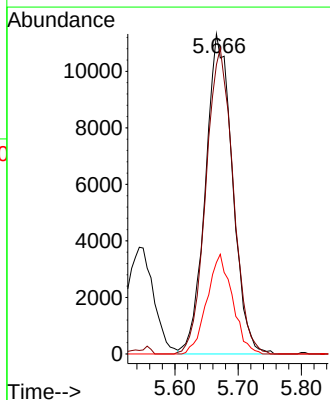
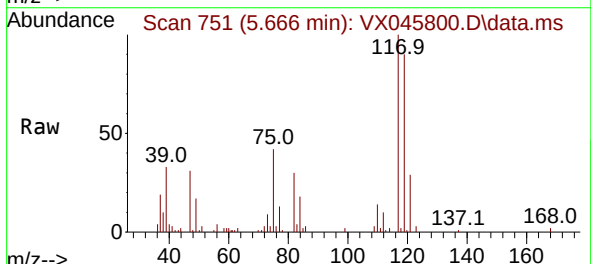
Manual Integrations
APPROVED

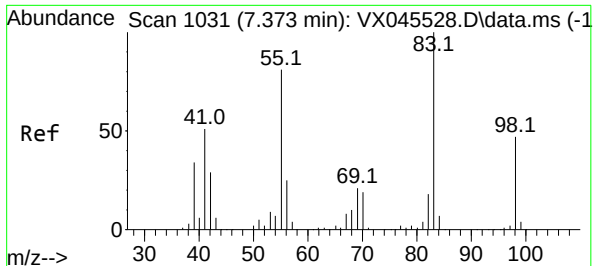
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#38
Carbon Tetrachloride
Concen: 19.871 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:117 Resp: 33560
Ion Ratio Lower Upper
117 100
119 90.4 76.9 115.3
121 28.6 24.2 36.2





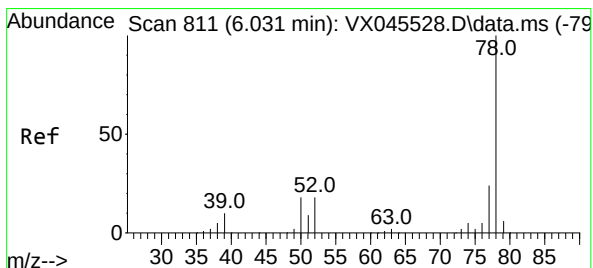
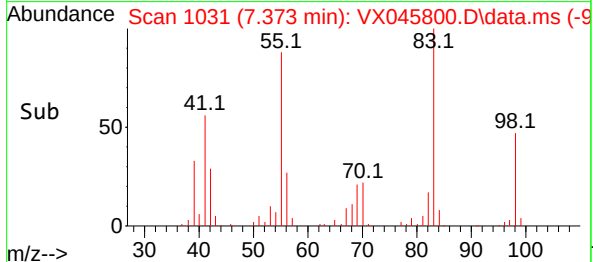
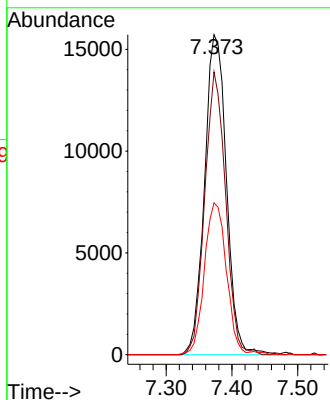
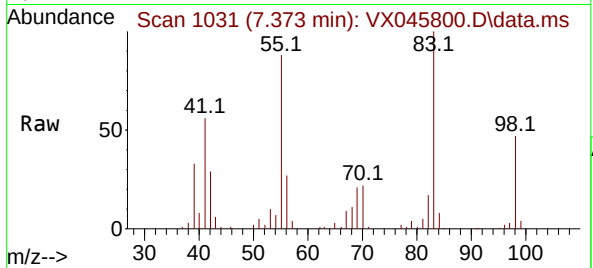
#39
Methylcyclohexane
Concen: 19.040 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 83 Resp: 3647
Ion Ratio Lower Upper
83 100
55 88.4 64.9 97.3
98 47.4 37.4 56.0

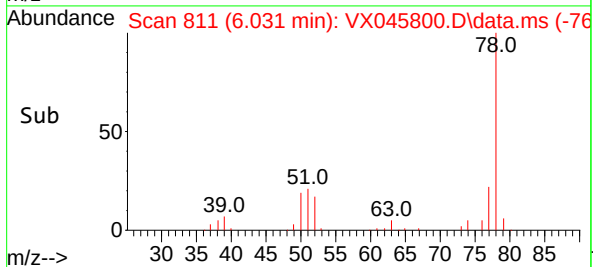
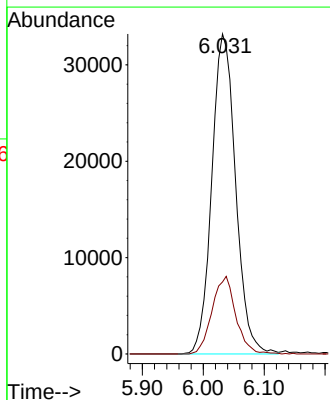
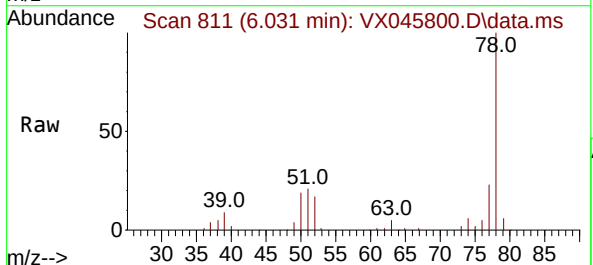
Manual Integrations
APPROVED

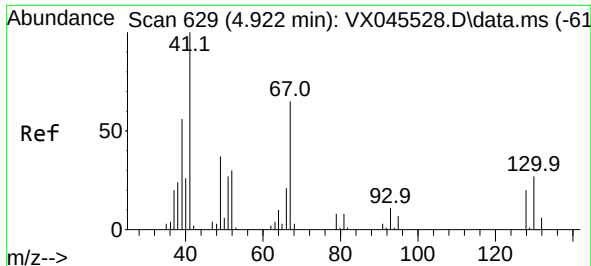
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#40
Benzene
Concen: 18.891 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

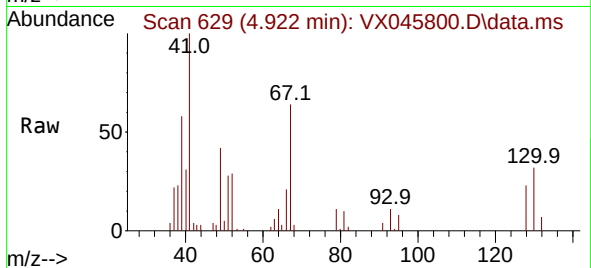
Tgt Ion: 78 Resp: 90157
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.959 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

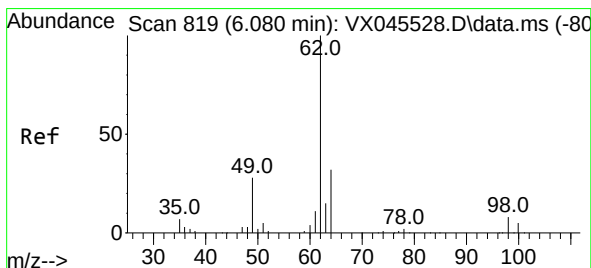
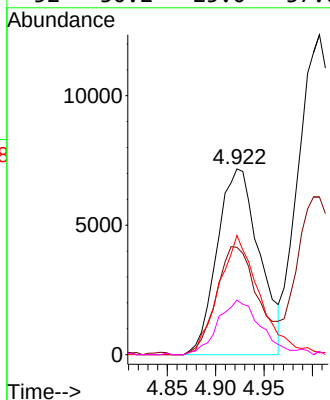
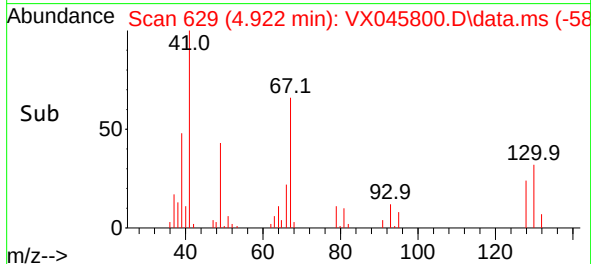
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 41	Resp: 2177
Ion Ratio	Lower Upper
41	100
39	55.7 47.0 70.6
67	62.2 53.2 79.8
52	30.2 25.0 37.6

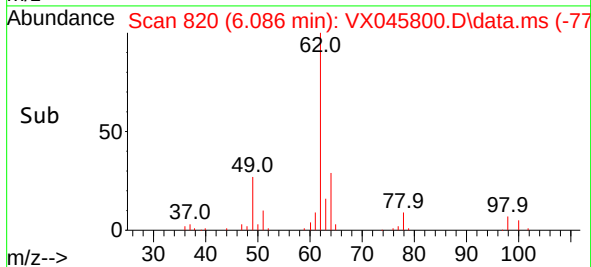
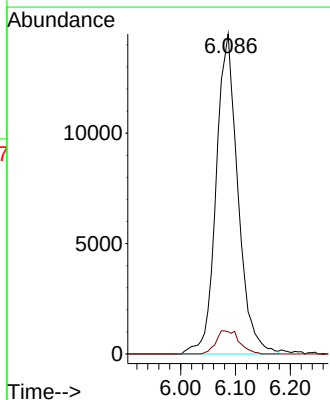
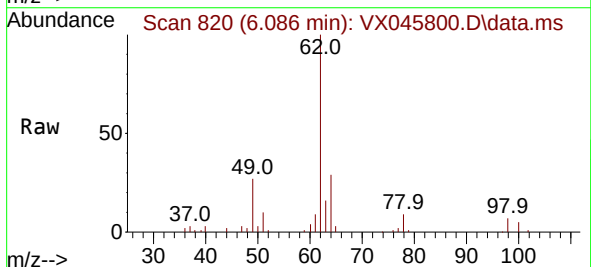
Manual Integrations
APPROVED

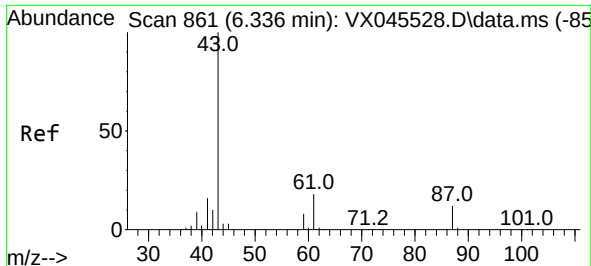
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 20.336 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

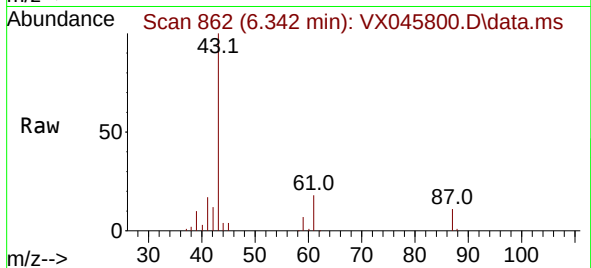
Tgt Ion: 62	Resp: 40085
Ion Ratio	Lower Upper
62	100
98	7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 20.047 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

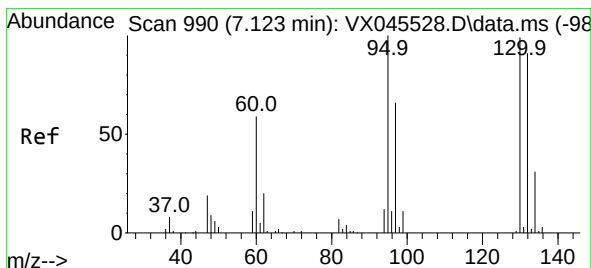
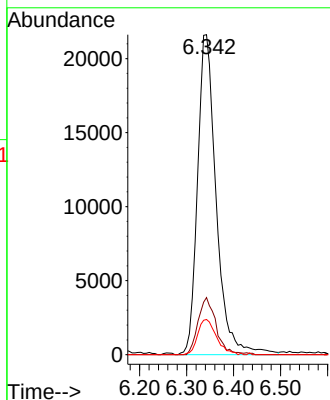
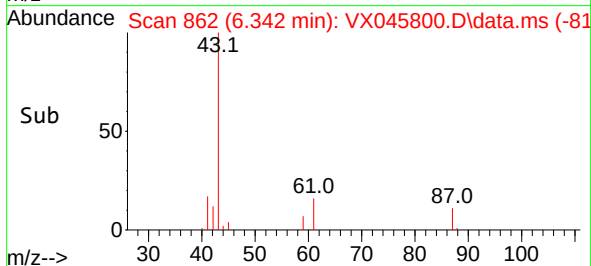
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 43 Resp: 5983
Ion Ratio Lower Upper
43 100
61 17.3 14.1 21.1
87 11.1 9.2 13.8

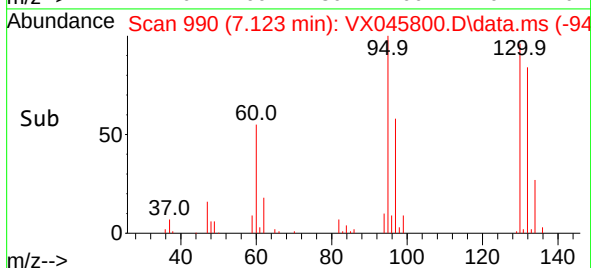
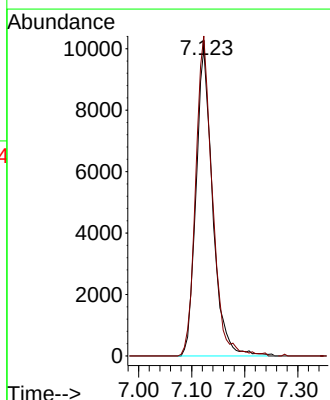
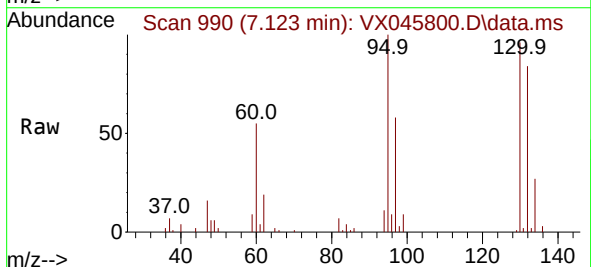
Manual Integrations
APPROVED

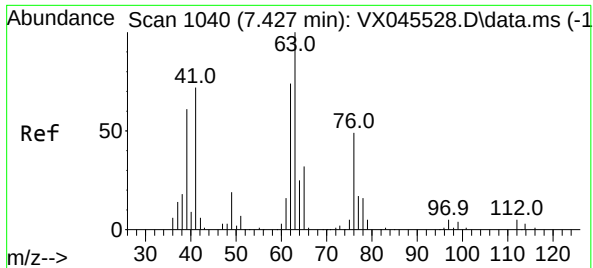
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 19.266 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:130 Resp: 21854
Ion Ratio Lower Upper
130 100
95 104.1 0.0 202.0





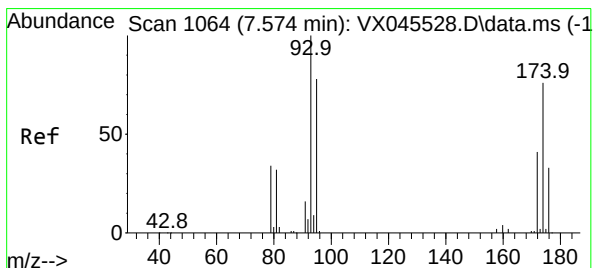
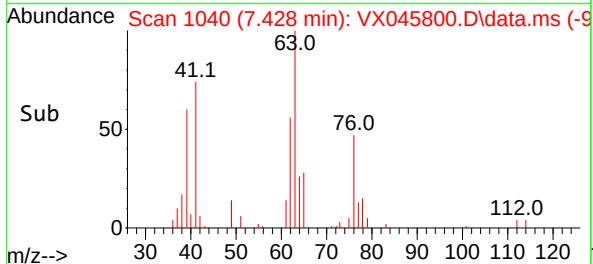
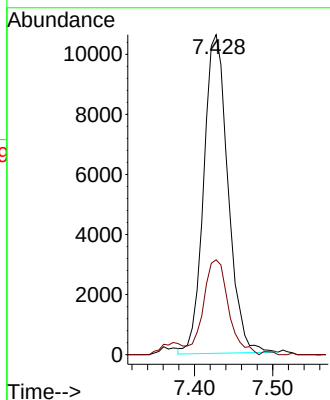
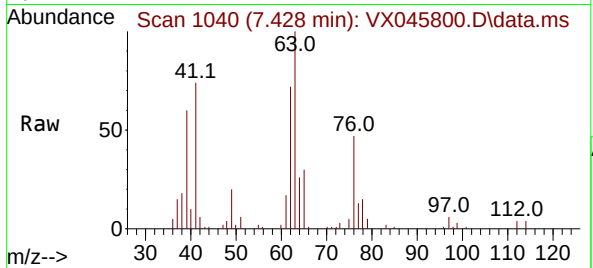
#45
1,2-Dichloropropane
Concen: 19.176 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 63 Resp: 2283
Ion Ratio Lower Upper
63 100
65 29.9 25.8 38.6

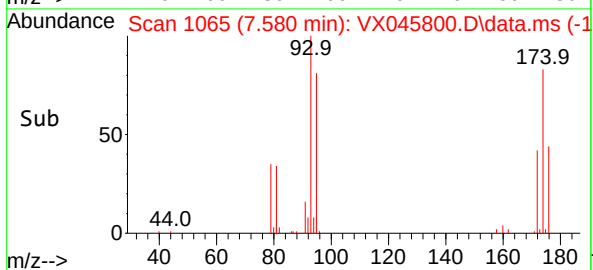
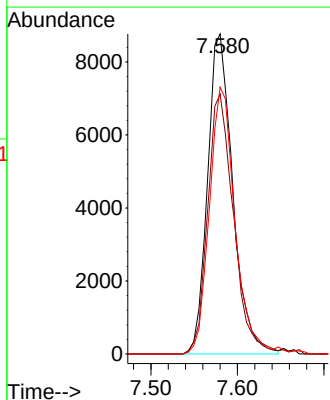
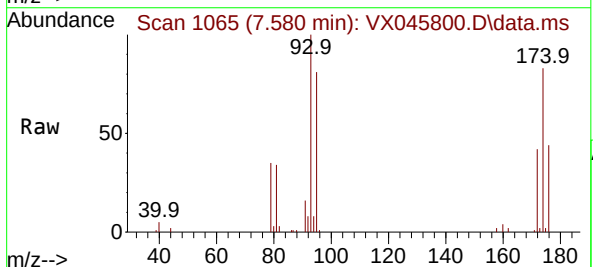
Manual Integrations
APPROVED

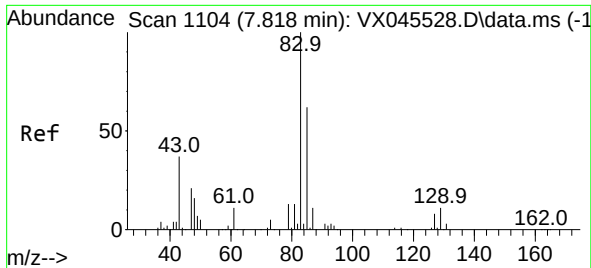
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#46
Dibromomethane
Concen: 19.363 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

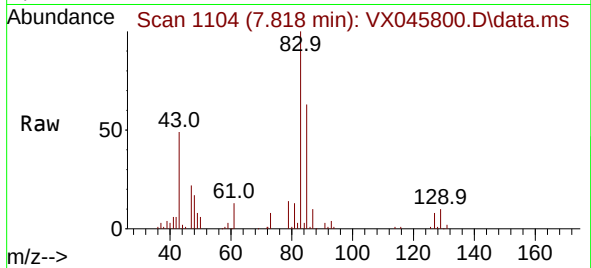
Tgt Ion: 93 Resp: 17700
Ion Ratio Lower Upper
93 100
95 84.3 64.8 97.2
174 85.4 65.4 98.0





#47
Bromodichloromethane
Concen: 19.614 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

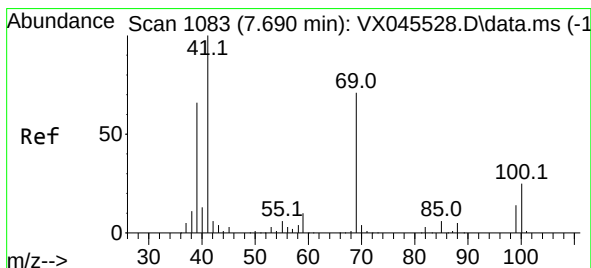
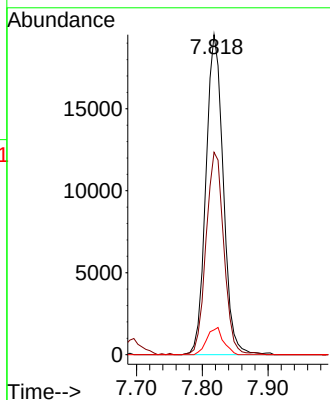
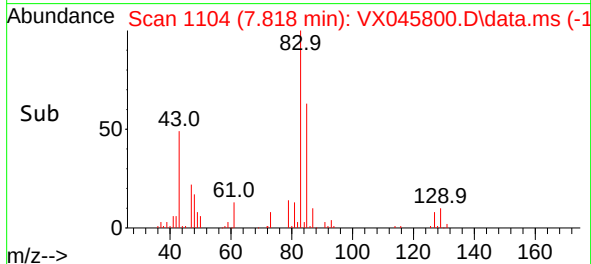
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



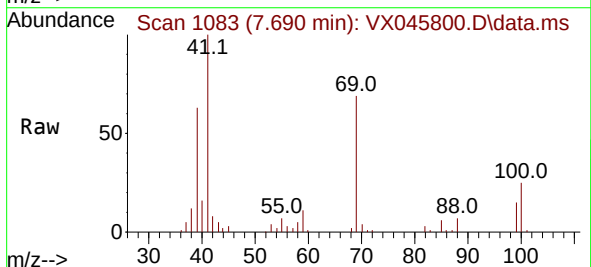
Tgt Ion: 83 Resp: 3580
Ion Ratio Lower Upper
83 100
85 63.3 49.7 74.5
127 7.8 6.1 9.1

Manual Integrations
APPROVED

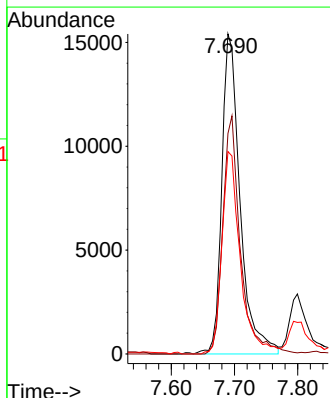
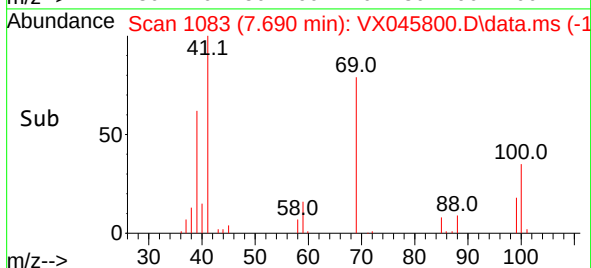
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

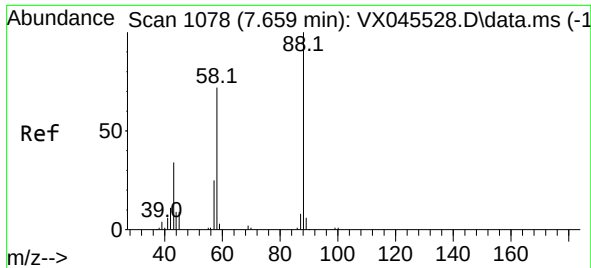


#48
Methyl methacrylate
Concen: 20.023 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



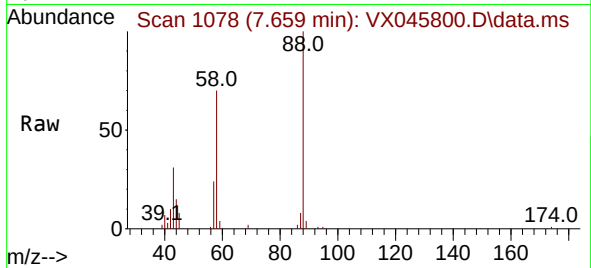
Tgt Ion: 41 Resp: 30857
Ion Ratio Lower Upper
41 100
69 71.6 58.2 87.2
39 63.6 53.6 80.4





#49
1,4-Dioxane
Concen: 405.891 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

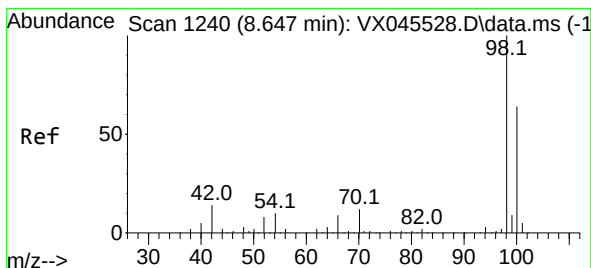
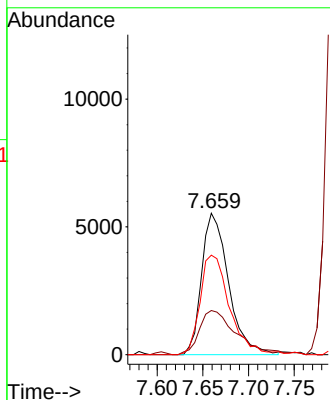
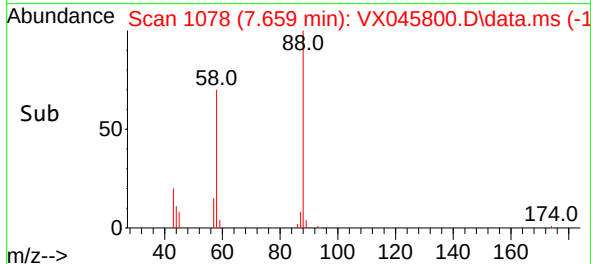
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 88 Resp: 1131
Ion Ratio Lower Upper
88 100
43 43.3 32.2 48.4
58 77.0 58.6 88.0

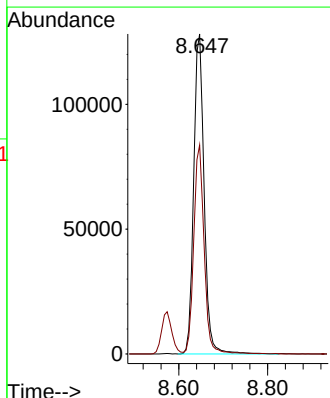
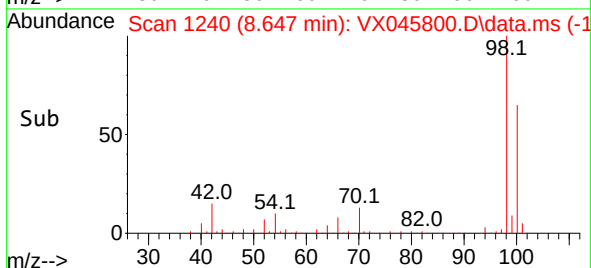
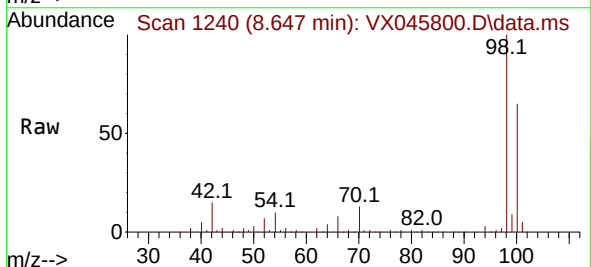
Manual Integrations
APPROVED

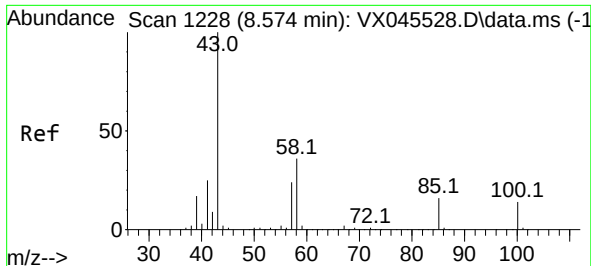
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#50
Toluene-d8
Concen: 51.561 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 98 Resp: 208286
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





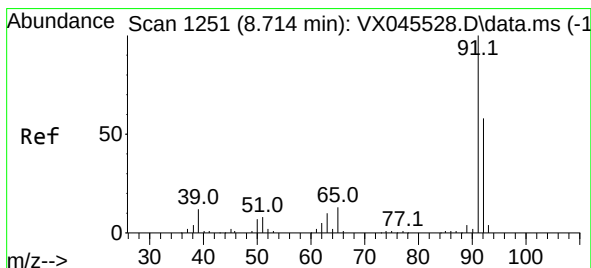
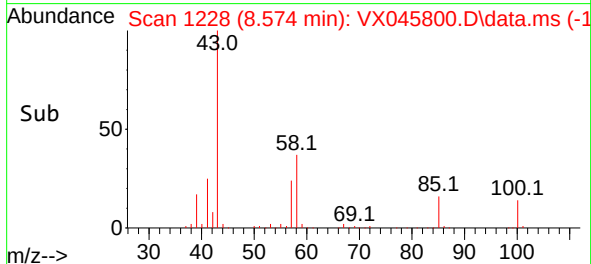
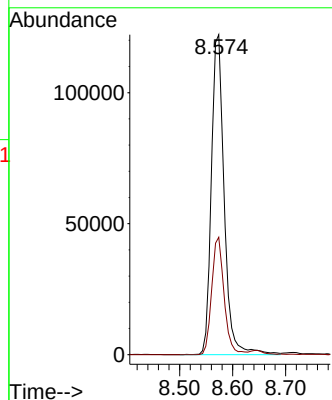
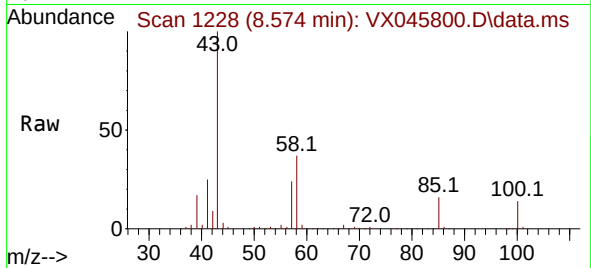
#51
4-Methyl-2-Pentanone
Concen: 103.922 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 43 Resp: 20562
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

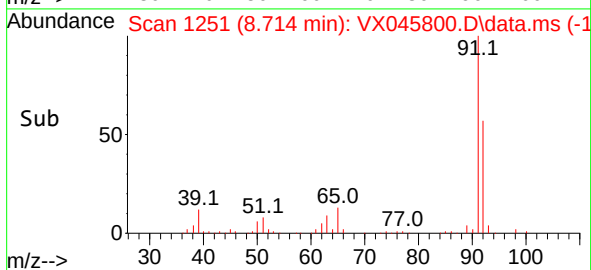
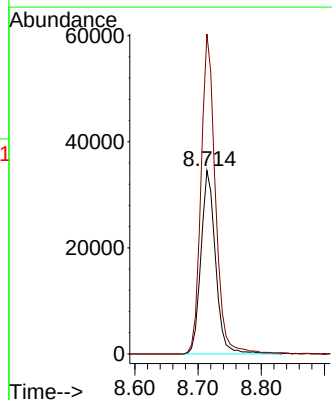
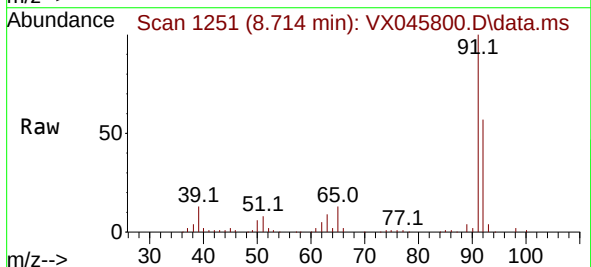
Manual Integrations
APPROVED

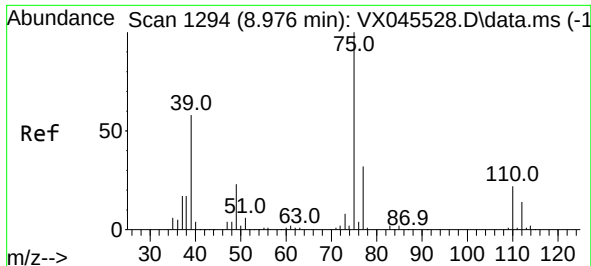
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 19.244 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 92 Resp: 55575
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.634 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 75 Resp: 3007

Ion Ratio Lower Upper

75 100

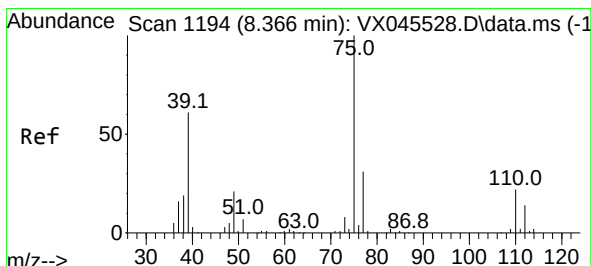
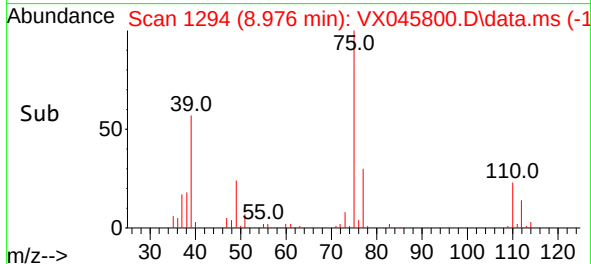
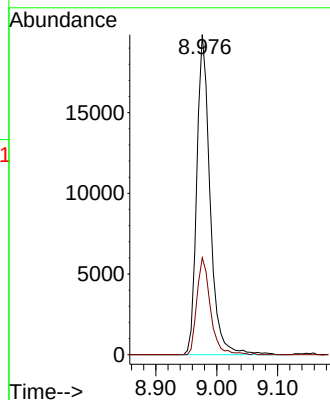
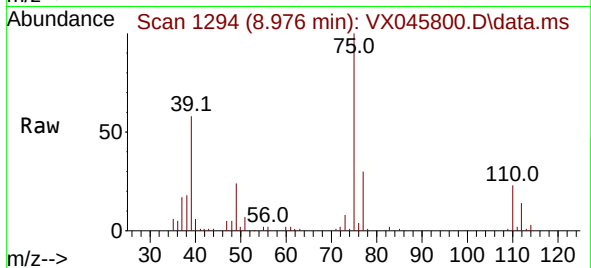
77 30.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#54

cis-1,3-Dichloropropene

Concen: 20.369 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

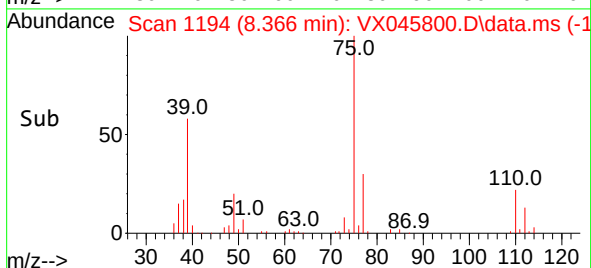
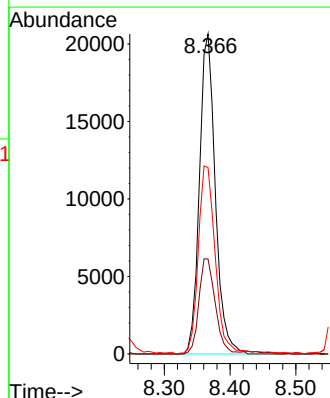
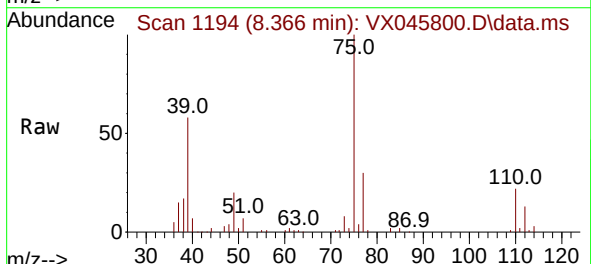
Tgt Ion: 75 Resp: 34942

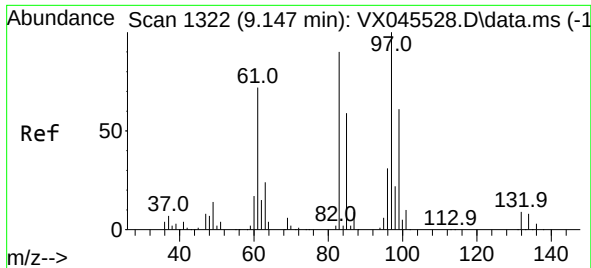
Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

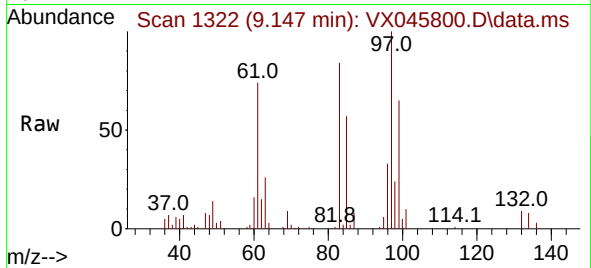
39 58.0 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 20.254 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

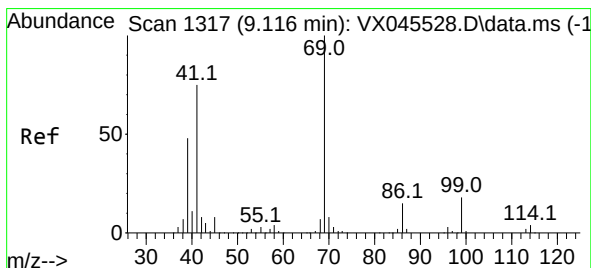
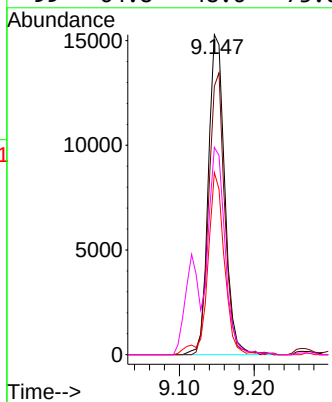
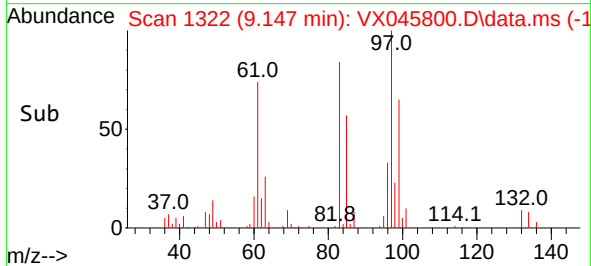
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



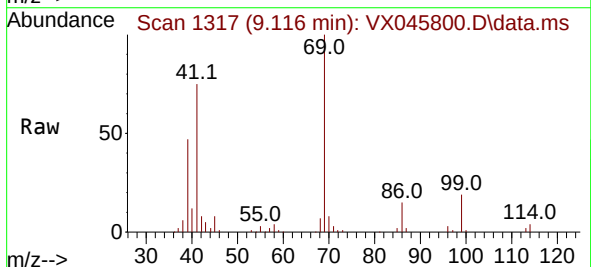
Tgt Ion: 97 Resp: 23308
Ion Ratio Lower Upper
97 100
83 83.9 71.8 107.8
85 56.9 47.0 70.6
99 64.8 48.6 73.0

Manual Integrations
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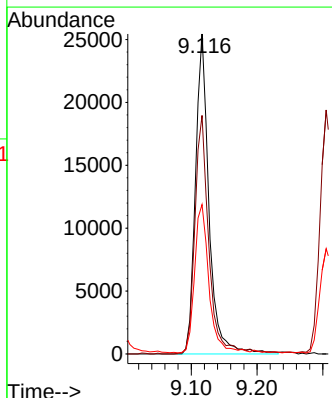
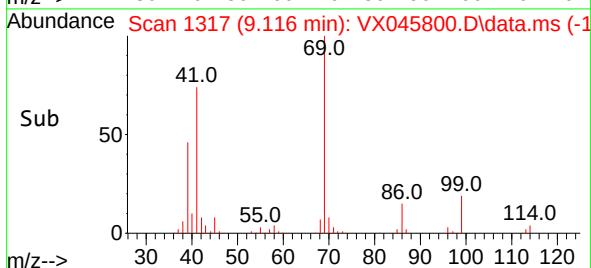
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

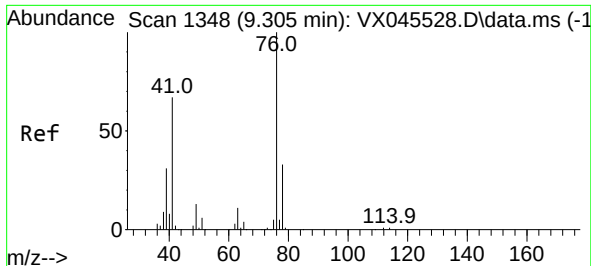


#56
Ethyl methacrylate
Concen: 20.405 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



Tgt Ion: 69 Resp: 36340
Ion Ratio Lower Upper
69 100
41 78.0 61.3 91.9
39 49.0 40.2 60.2





#57

1,3-Dichloropropane

Concen: 20.149 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 76 Resp: 4037

Ion Ratio Lower Upper

76 100

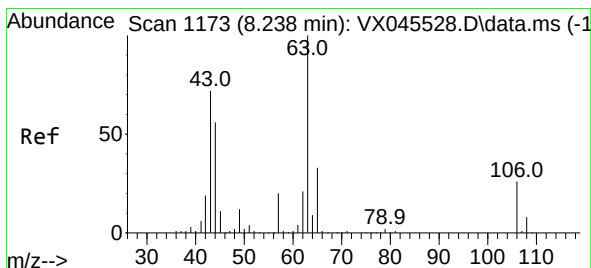
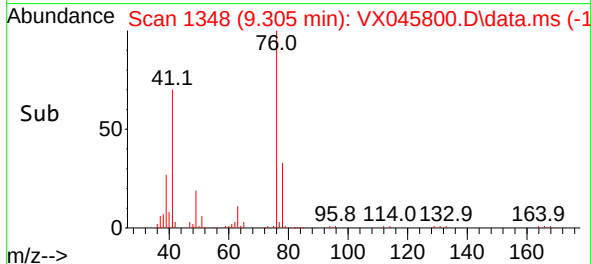
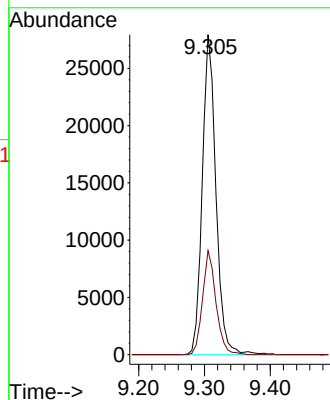
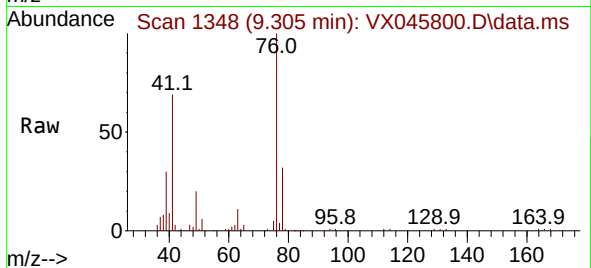
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.380 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045800.D

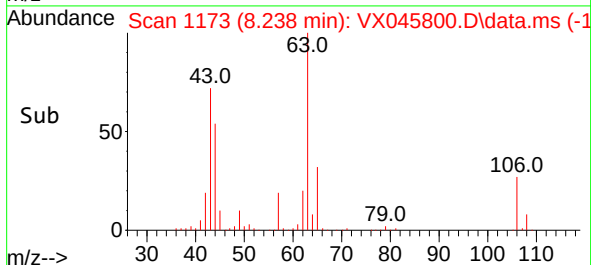
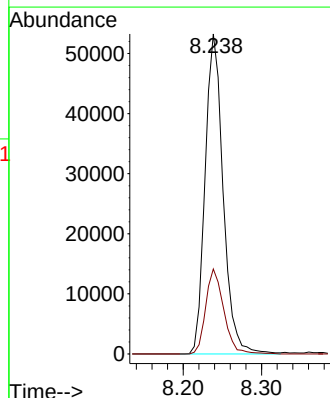
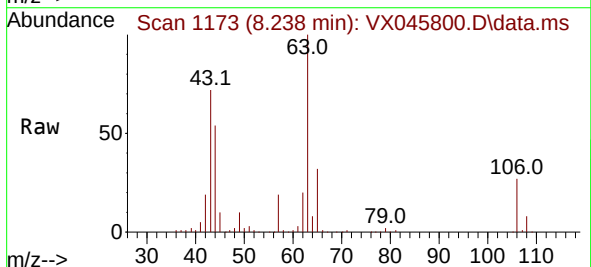
Acq: 16 Apr 2025 12:11

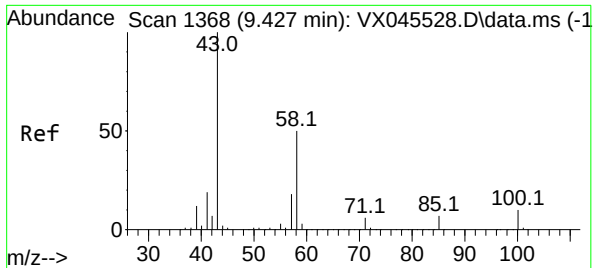
Tgt Ion: 63 Resp: 85031

Ion Ratio Lower Upper

63 100

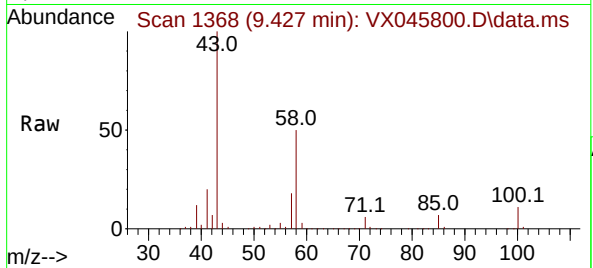
106 26.6 21.0 31.6





#59
2-Hexanone
Concen: 103.202 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

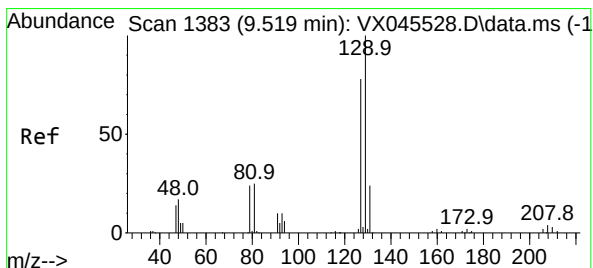
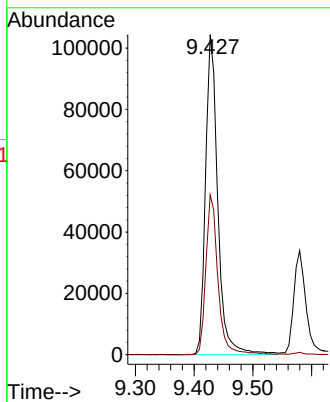
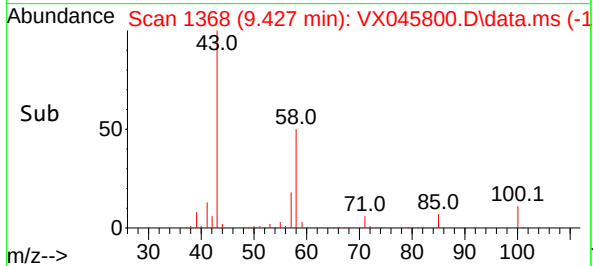
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 43 Resp: 15121
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

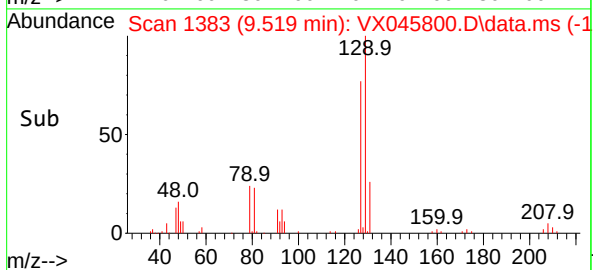
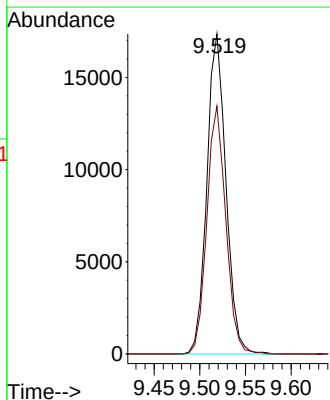
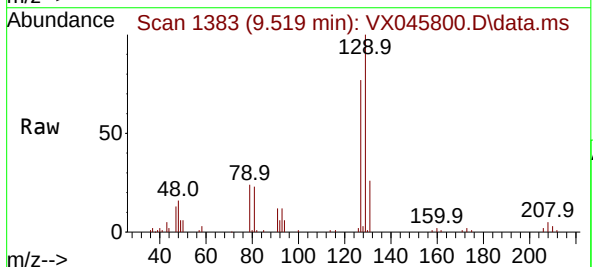
Manual Integrations
APPROVED

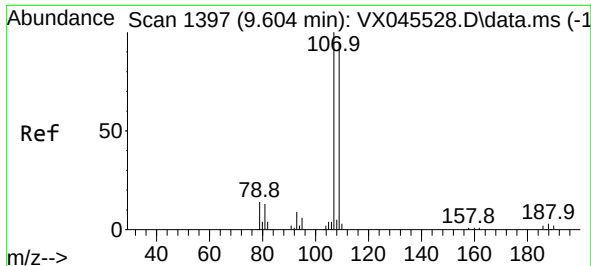
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 20.024 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

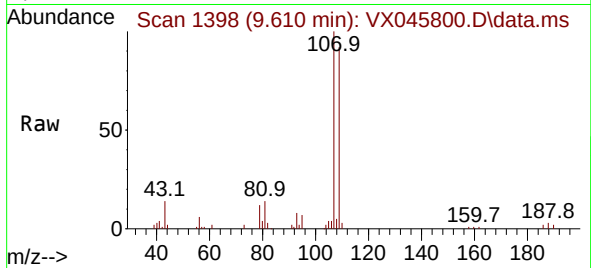
Tgt Ion:129 Resp: 25122
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.182 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

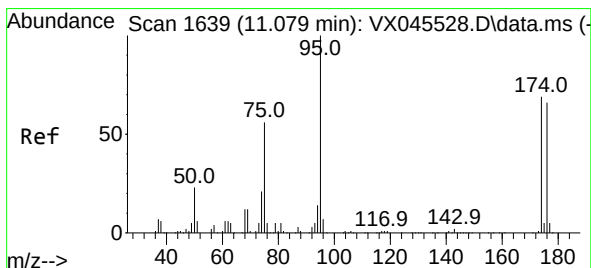
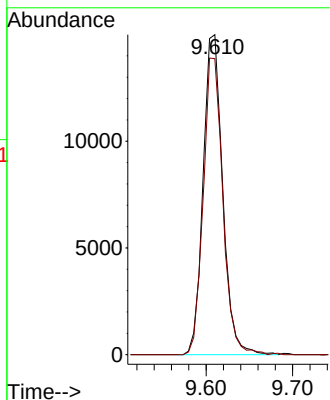
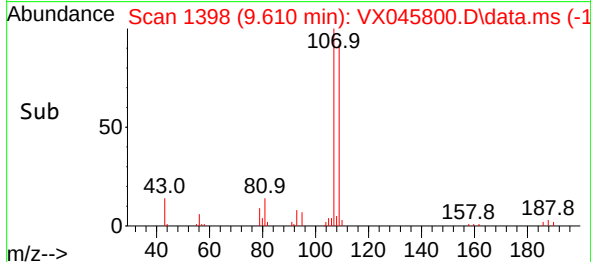
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:107 Resp: 2351
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

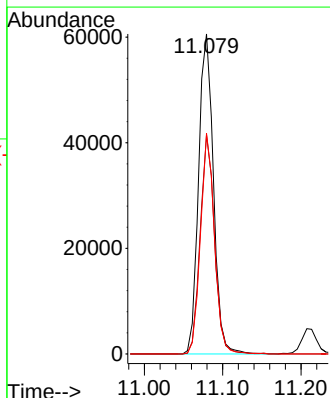
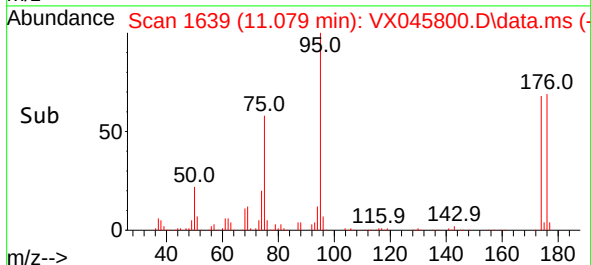
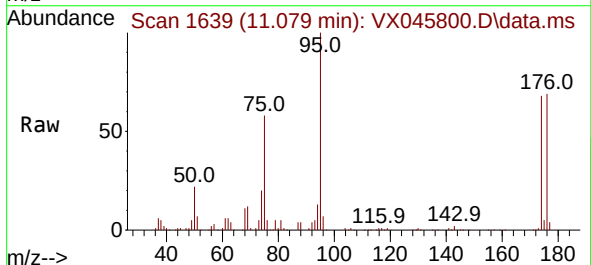
Manual Integrations
APPROVED

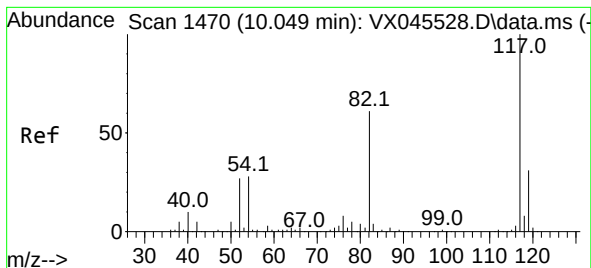
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#62
4-Bromofluorobenzene
Concen: 54.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 95 Resp: 79824
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.8
176 64.8 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

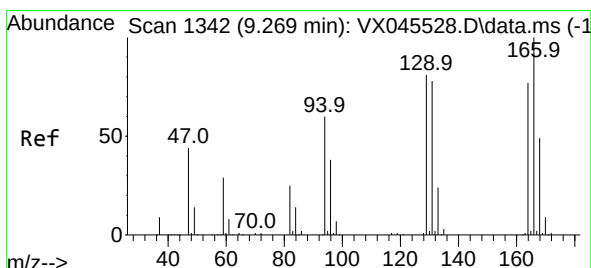
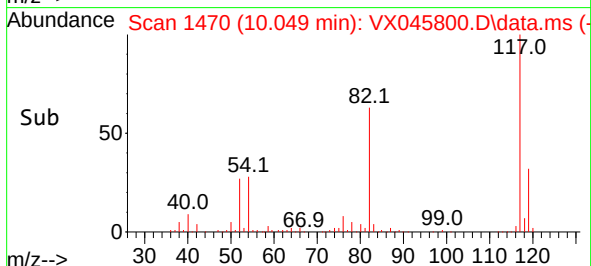
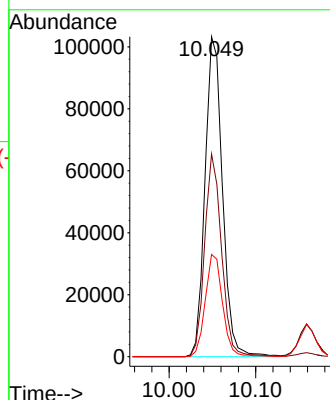
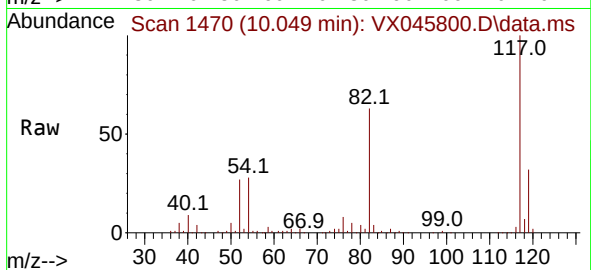
Tgt Ion:117	Resp: 144629
Ion Ratio	Lower Upper
117 100	
82 63.3	49.2 73.8
119 31.9	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#64

Tetrachloroethene

Concen: 19.227 ug/l

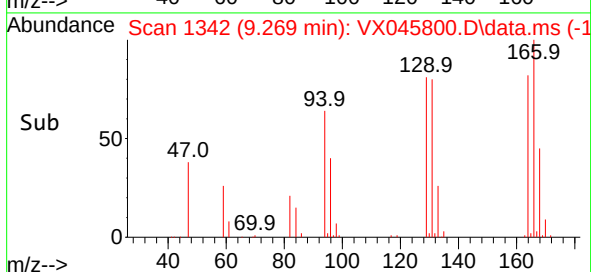
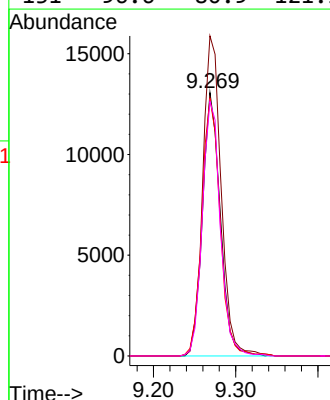
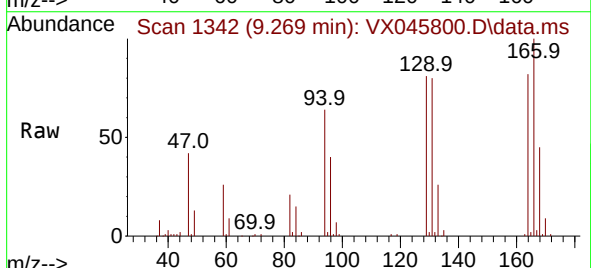
RT: 9.269 min Scan# 1342

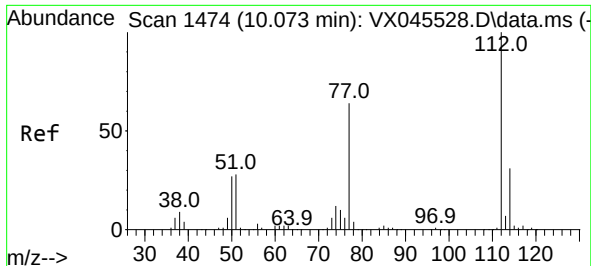
Delta R.T. -0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:164	Resp: 19633
Ion Ratio	Lower Upper
164 100	
166 121.5	103.8 155.8
129 97.8	84.3 126.5
131 96.6	80.9 121.3





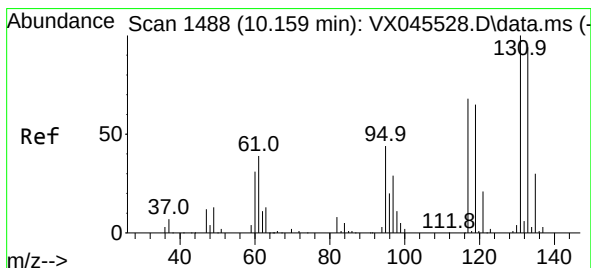
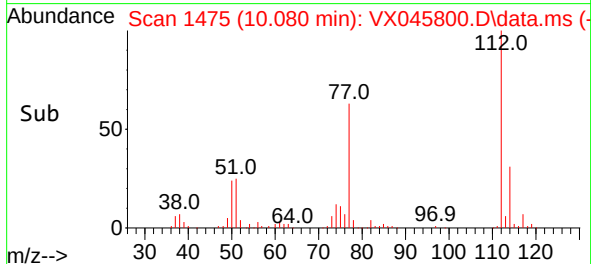
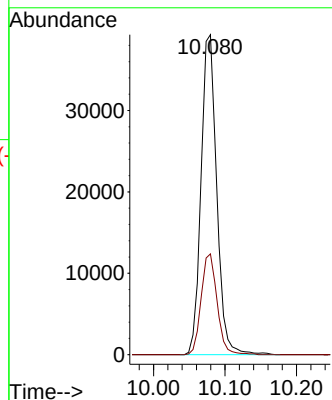
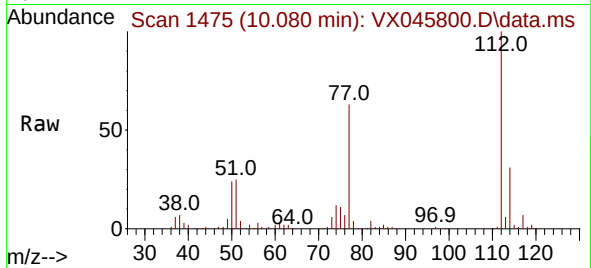
#65
Chlorobenzene
Concen: 19.362 ug/l
RT: 10.080 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion:112 Resp: 59838
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1

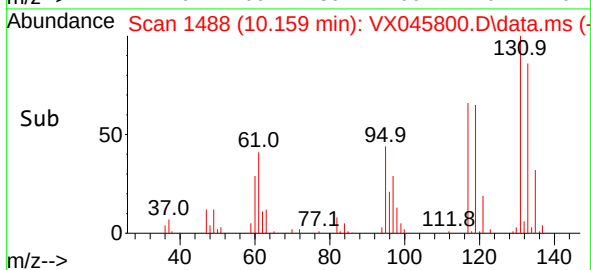
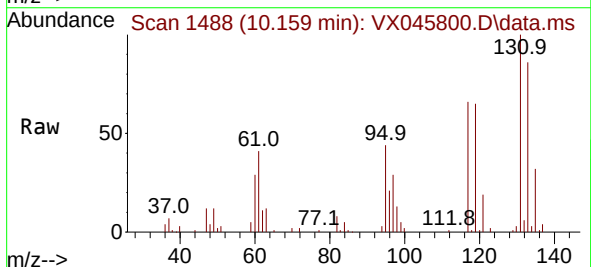
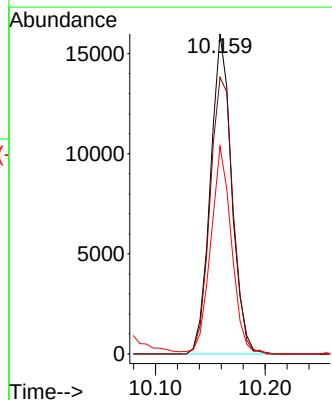
Manual Integrations
APPROVED

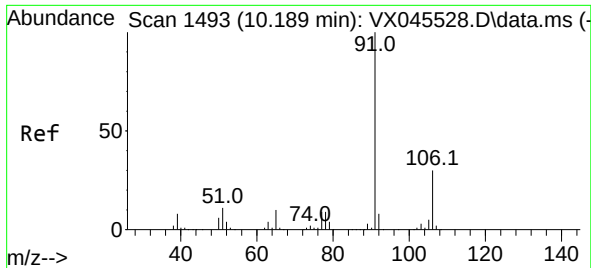
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.072 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:131 Resp: 21536
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 63.5 32.9 98.6





#67

Ethyl Benzene

Concen: 19.569 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tgt Ion: 91 Resp: 108314

Ion Ratio Lower Upper

91 100

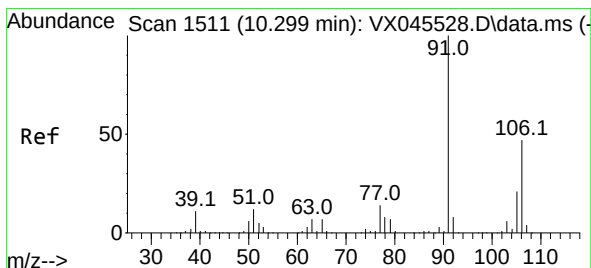
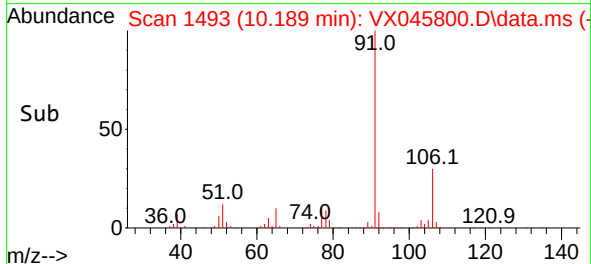
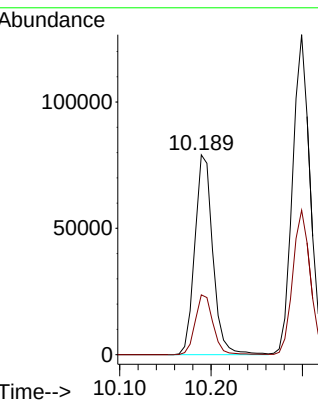
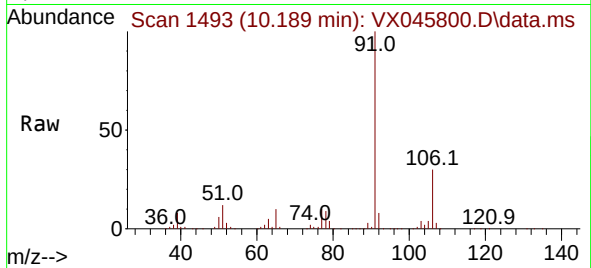
106 30.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#68

m/p-Xylenes

Concen: 38.972 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045800.D

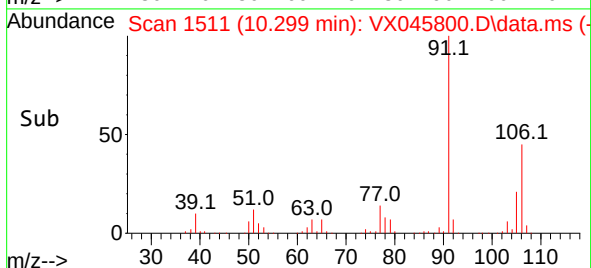
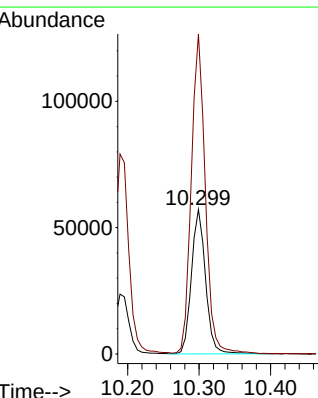
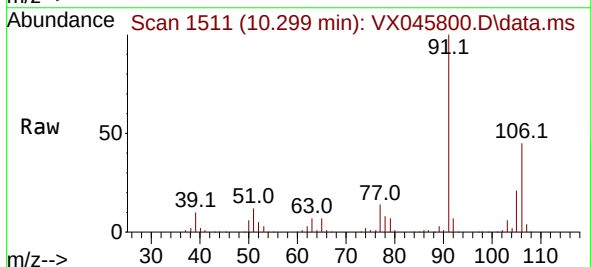
Acq: 16 Apr 2025 12:11

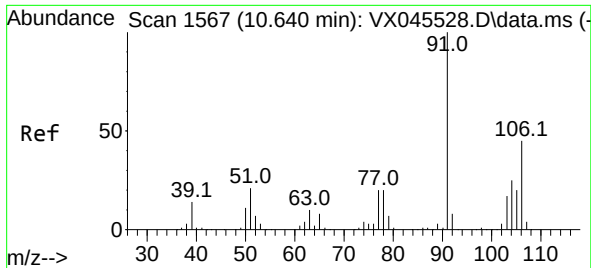
Tgt Ion:106 Resp: 78456

Ion Ratio Lower Upper

106 100

91 219.7 172.6 258.8





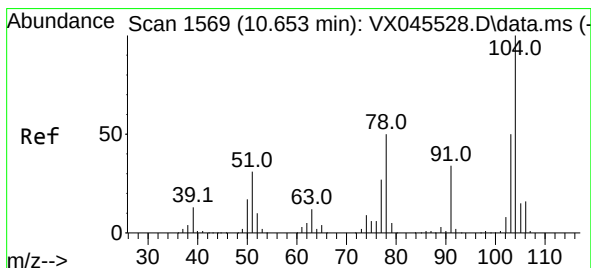
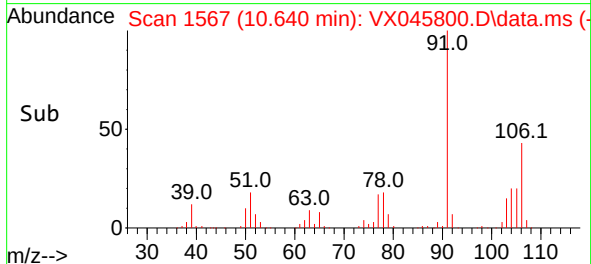
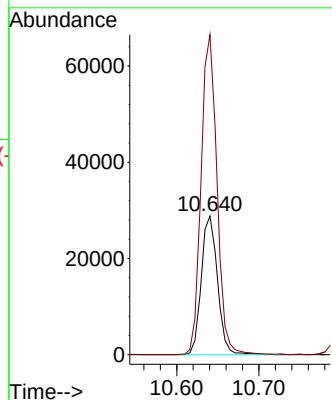
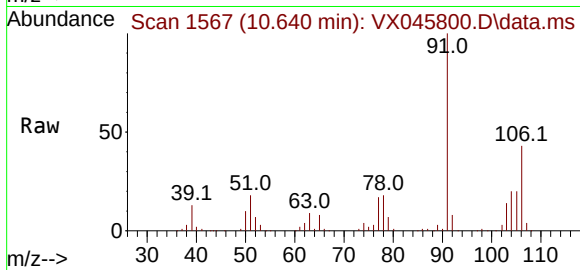
#69
o-Xylene
Concen: 19.858 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion:106 Resp: 3938
Ion Ratio Lower Upper
106 100
91 227.6 113.6 340.6

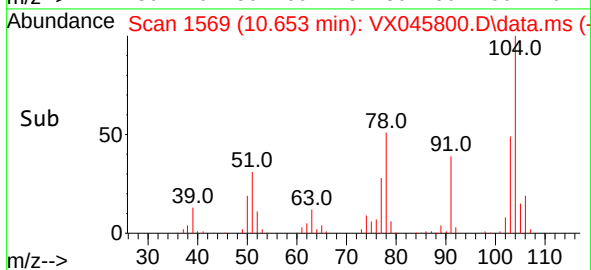
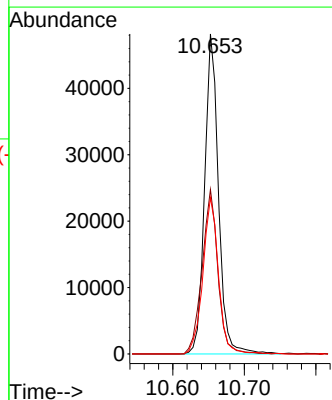
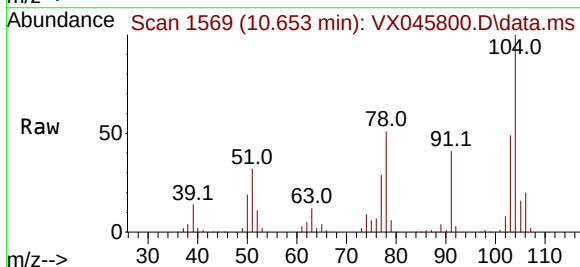
Manual Integrations
APPROVED

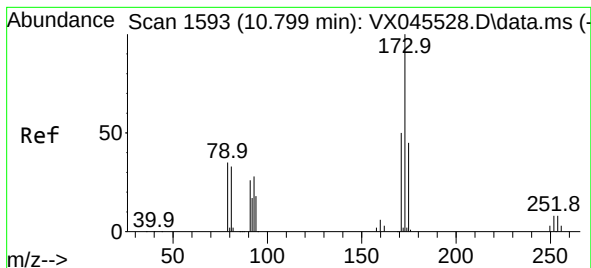
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 19.852 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

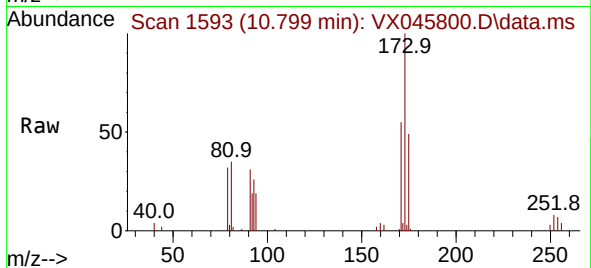
Tgt Ion:104 Resp: 64978
Ion Ratio Lower Upper
104 100
78 58.6 45.4 68.2
103 54.8 43.8 65.8





#71
Bromoform
Concen: 19.380 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

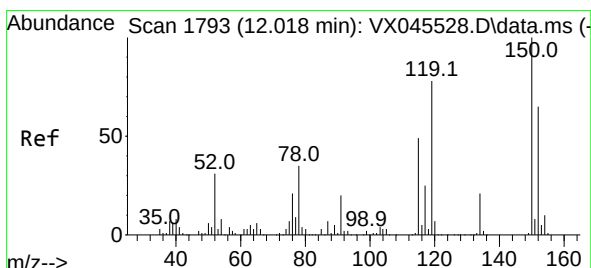
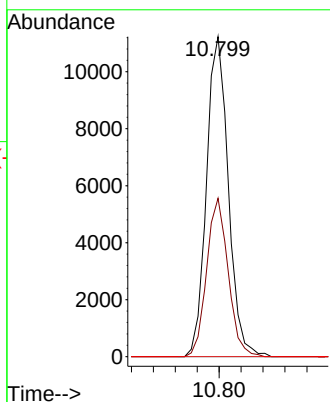
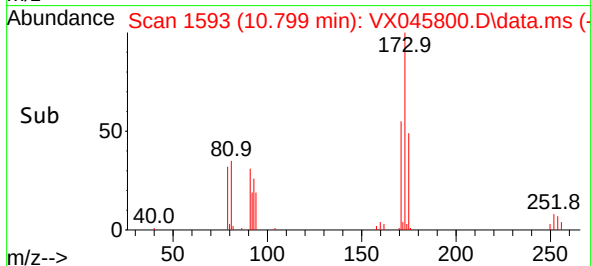
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



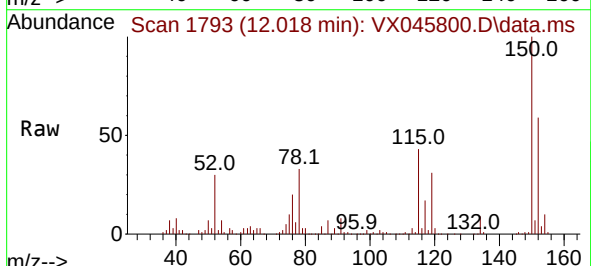
Tgt Ion:173 Resp: 15520
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

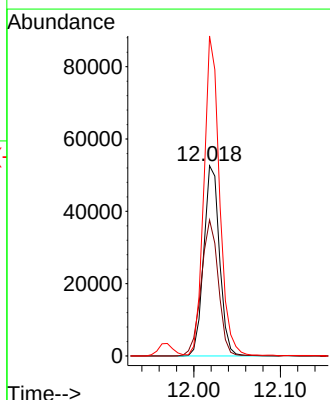
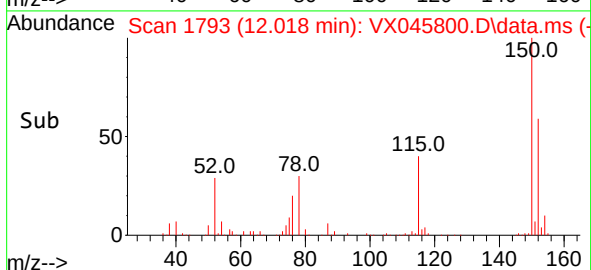
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

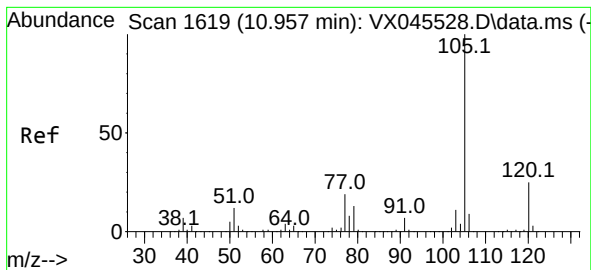


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



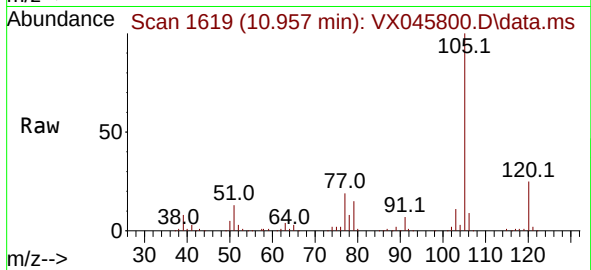
Tgt Ion:152 Resp: 66591
Ion Ratio Lower Upper
152 100
115 77.4 46.9 140.7
150 166.3 0.0 349.4





#73
Isopropylbenzene
Concen: 19.471 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

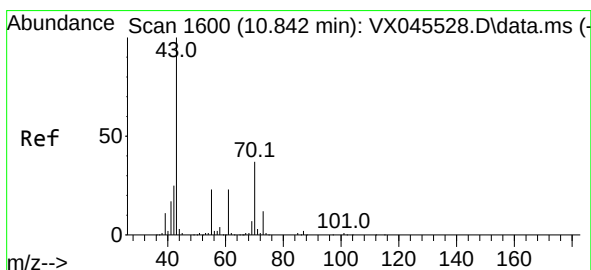
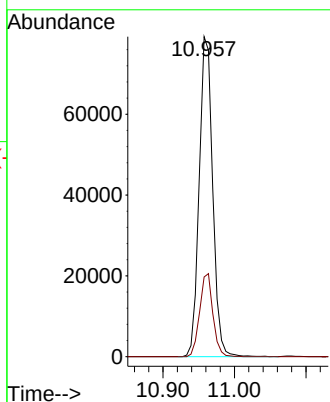
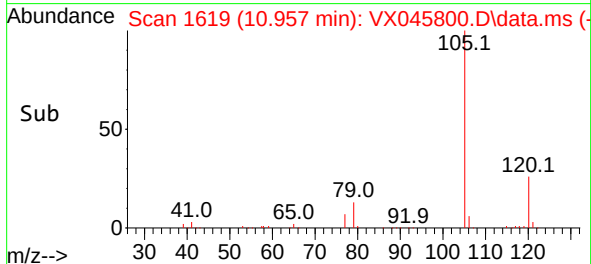
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion:105 Resp: 103860
Ion Ratio Lower Upper
105 100
120 25.5 12.7 38.0

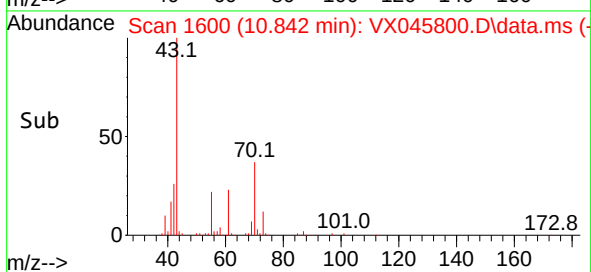
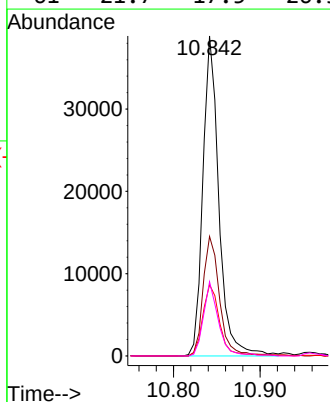
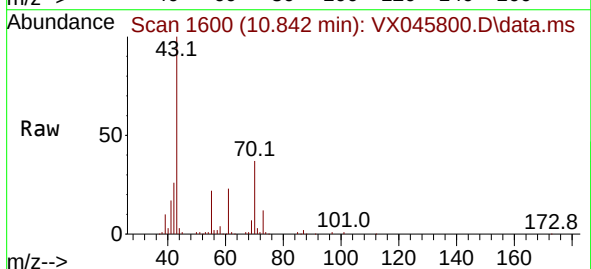
Manual Integrations
APPROVED

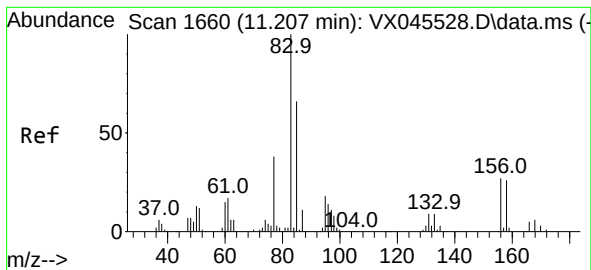
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#74
N-ethyl acetate
Concen: 19.598 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 43 Resp: 50004
Ion Ratio Lower Upper
43 100
70 38.7 30.1 45.1
55 23.6 18.3 27.5
61 21.7 17.5 26.3





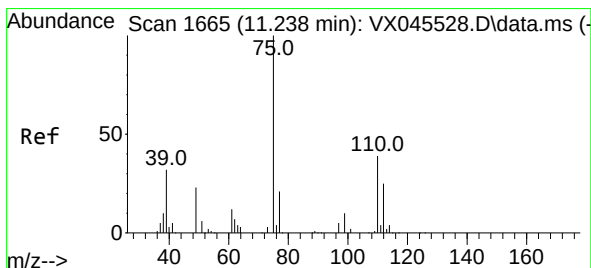
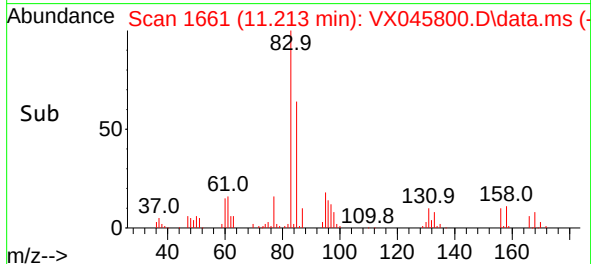
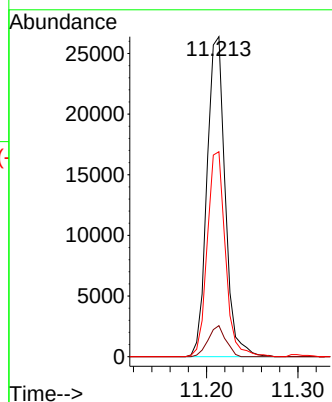
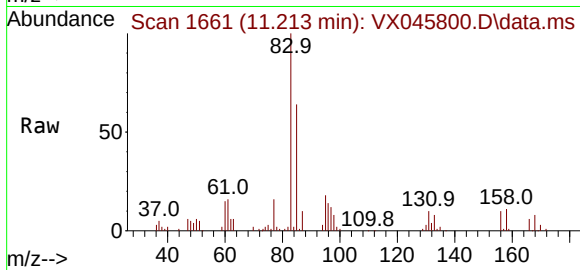
#75
1,1,2,2-Tetrachloroethane
Concen: 19.405 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 83 Resp: 3636
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 63.9 32.4 97.2

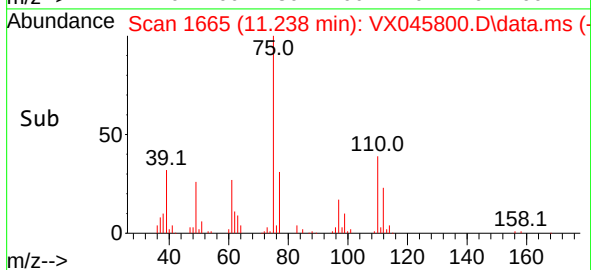
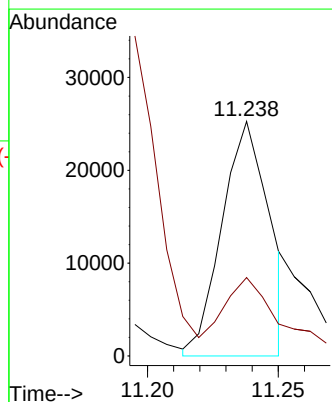
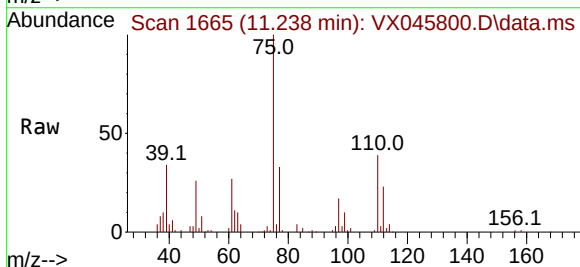
Manual Integrations
APPROVED

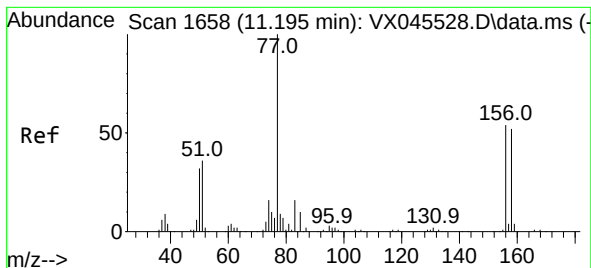
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#76
1,2,3-Trichloropropane
Concen: 19.570 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion: 75 Resp: 31787
Ion Ratio Lower Upper
75 100
77 41.1 20.0 59.9





#77

Bromobenzene

Concen: 19.199 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

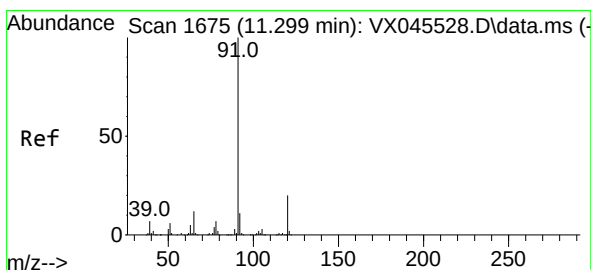
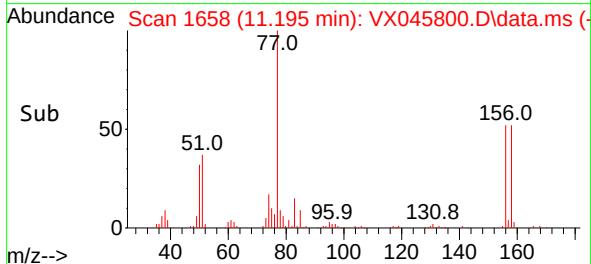
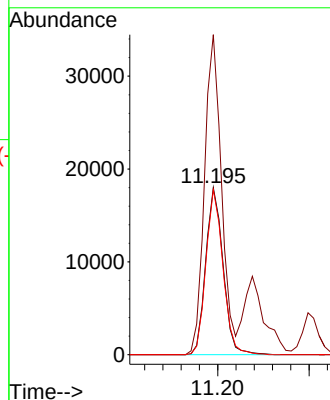
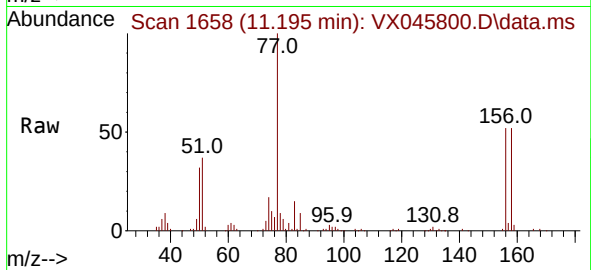
Tgt Ion:	156	Resp:	23662
Ion Ratio	Lower	Upper	
156	100		
77	187.2	92.6	277.8
158	97.5	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#78

n-propylbenzene

Concen: 19.380 ug/l

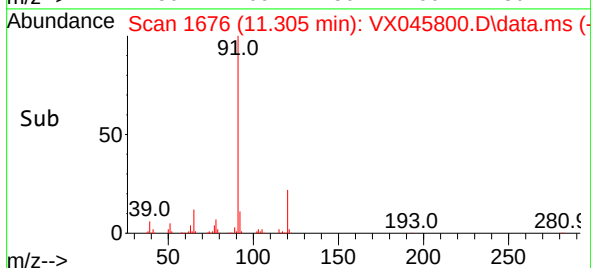
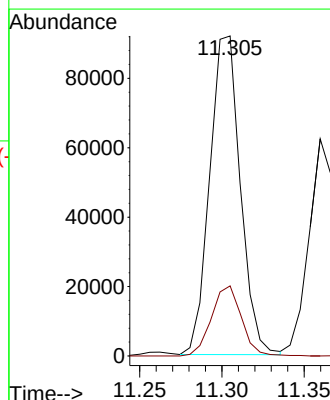
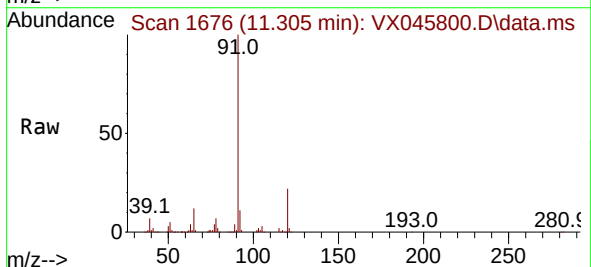
RT: 11.305 min Scan# 1676

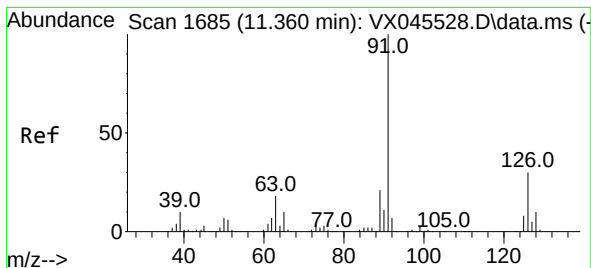
Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:	91	Resp:	119070
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.3





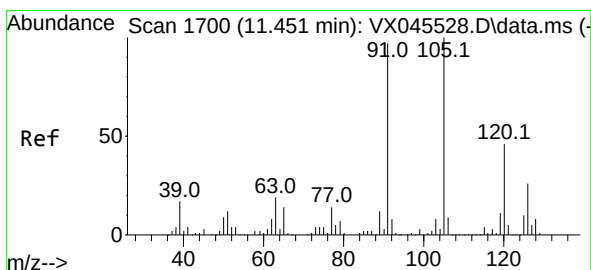
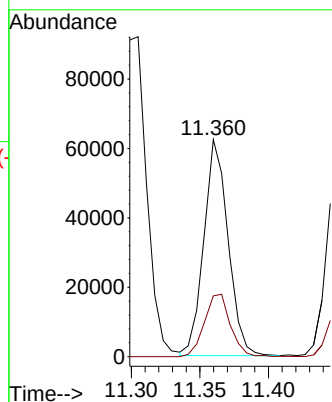
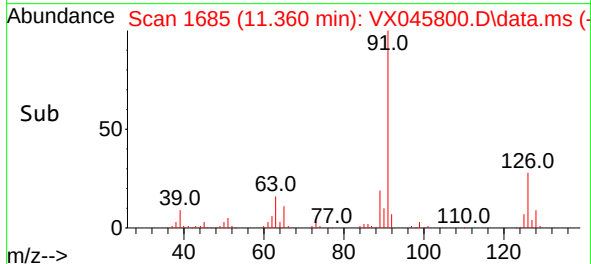
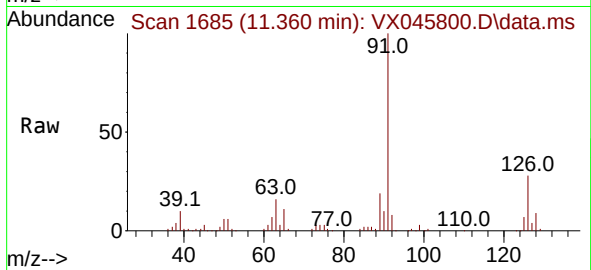
#79
2-Chlorotoluene
Concen: 19.526 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 91 Resp: 7669
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

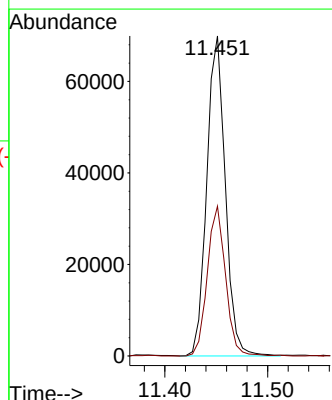
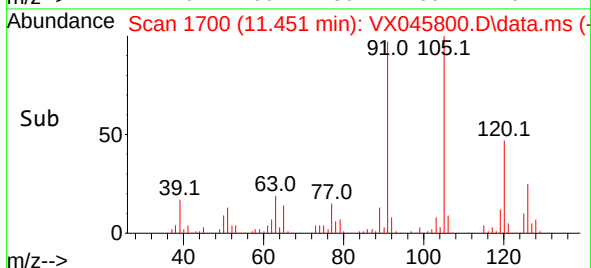
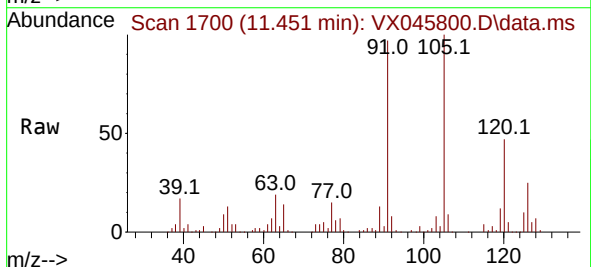
Manual Integrations
APPROVED

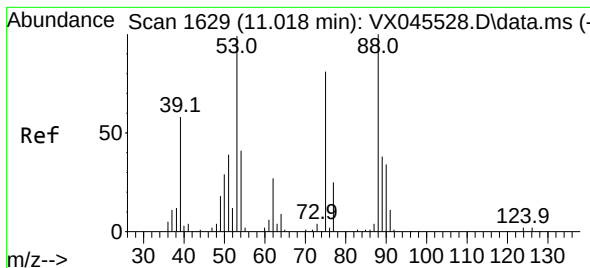
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.865 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Tgt Ion:105 Resp: 87621
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





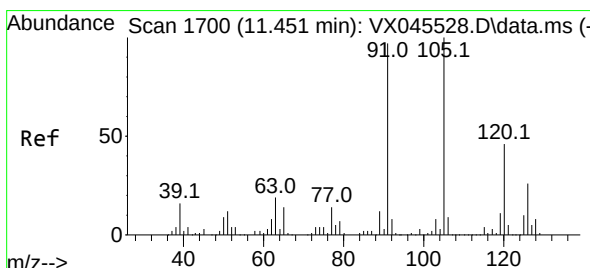
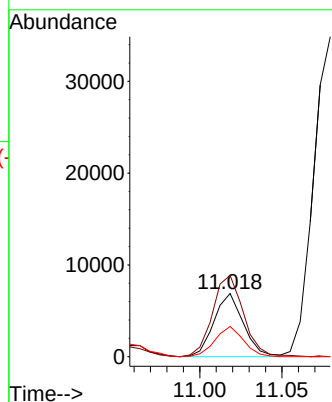
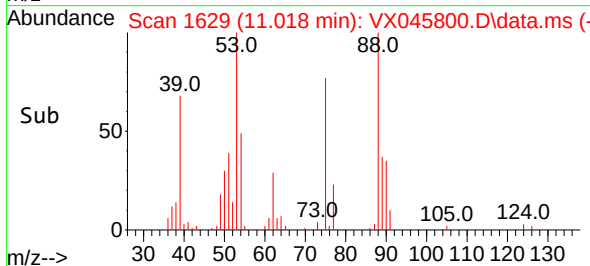
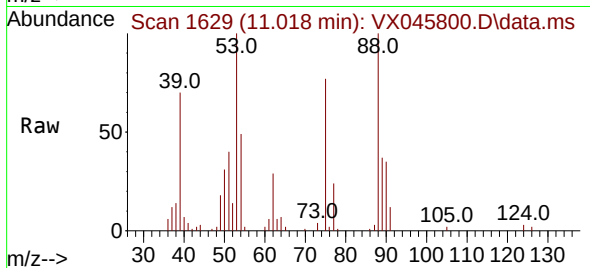
#81
trans-1,4-Dichloro-2-butene
Concen: 17.971 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tgt Ion: 75 Resp: 860
Ion Ratio Lower Upper
75 100
53 135.0 101.8 152.6
89 46.0 37.2 55.8

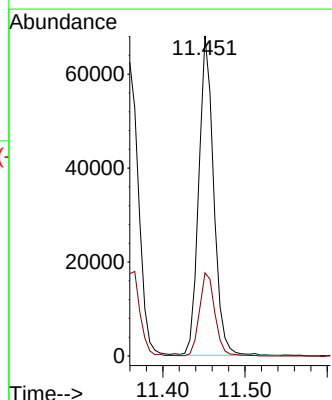
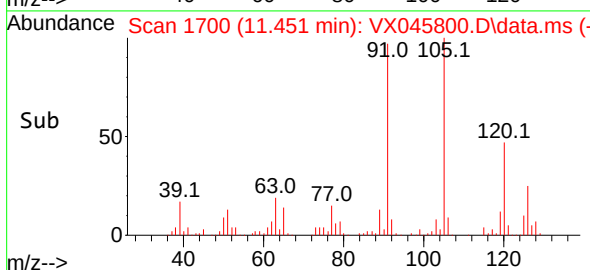
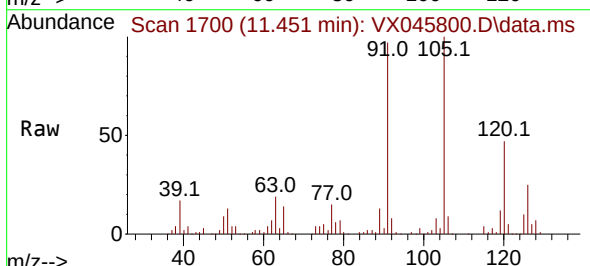
Manual Integrations
APPROVED

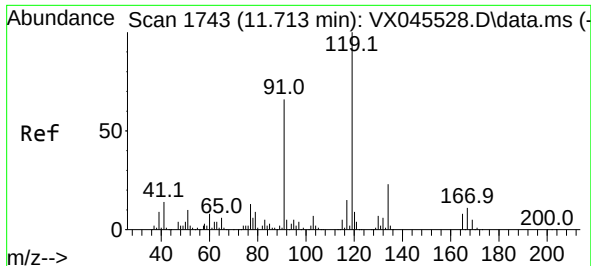
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

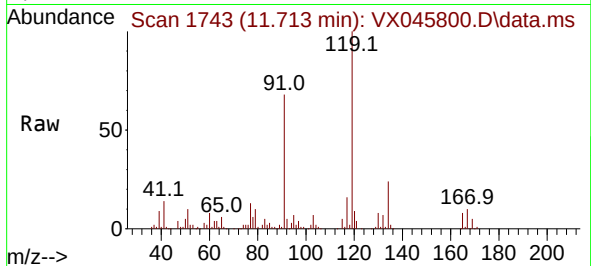
Tgt Ion: 91 Resp: 85739
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.9





#83
tert-Butylbenzene
Concen: 19.929 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

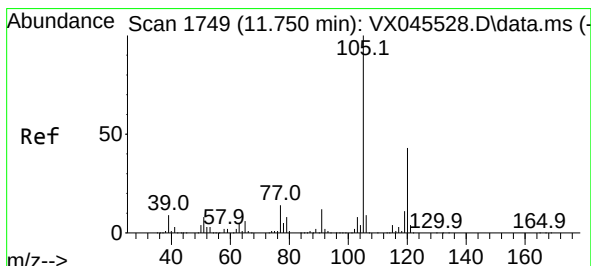
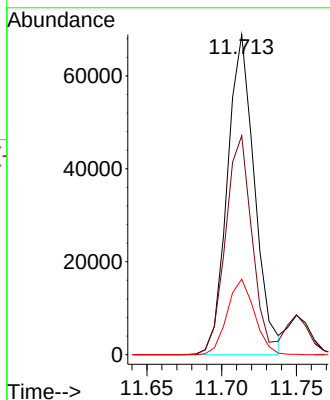
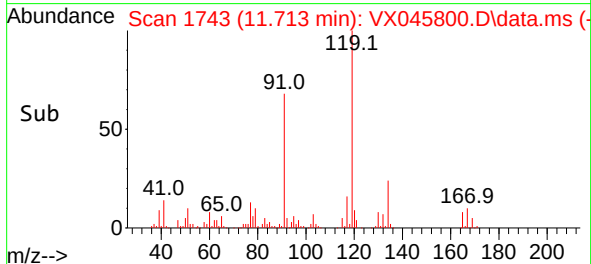
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



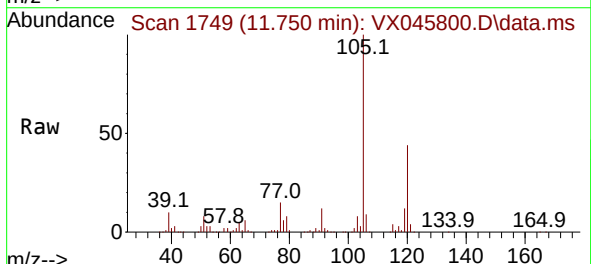
Tgt Ion:119 Resp: 87028
Ion Ratio Lower Upper
119 100
91 67.6 32.4 97.2
134 23.6 11.5 34.5

Manual Integrations
APPROVED

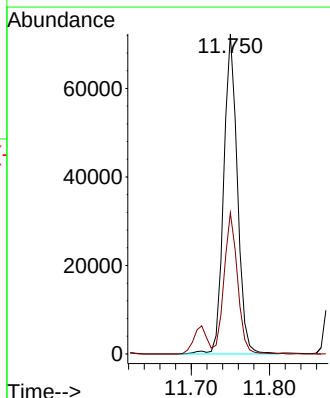
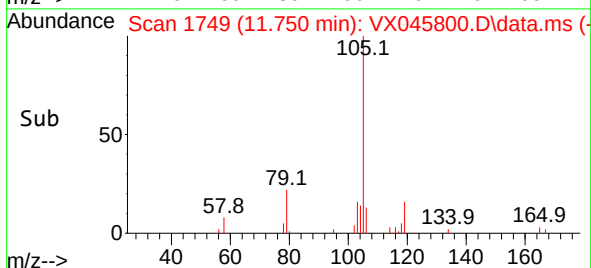
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

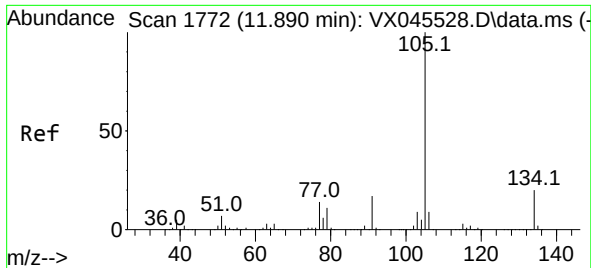


#84
1,2,4-Trimethylbenzene
Concen: 19.913 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



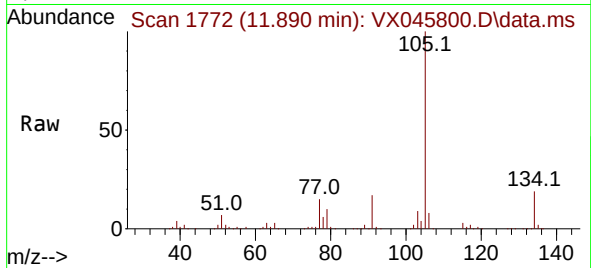
Tgt Ion:105 Resp: 88156
Ion Ratio Lower Upper
105 100
120 43.5 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 20.067 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045800.D
 Acq: 16 Apr 2025 12:11

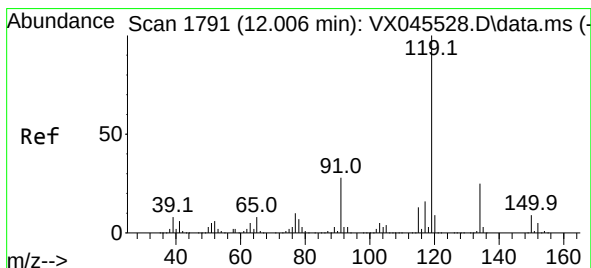
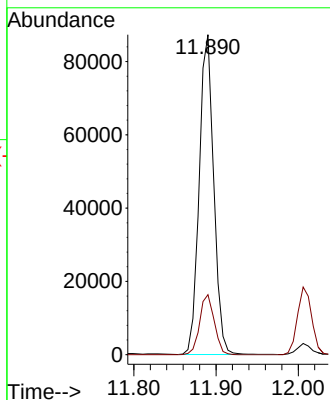
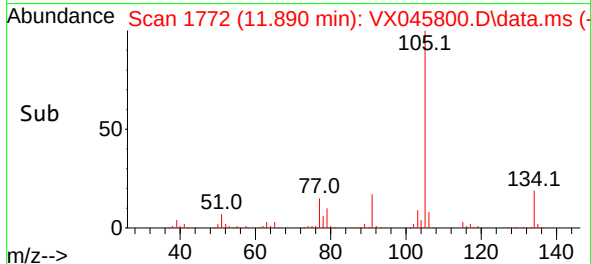
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01



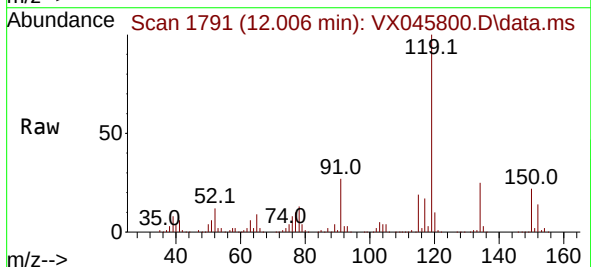
Tgt Ion:105 Resp: 10762
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

Manual Integrations
 APPROVED

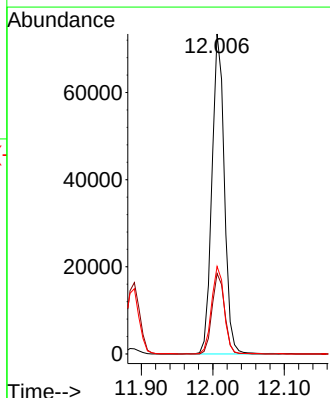
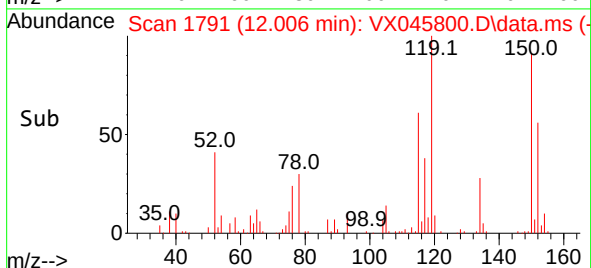
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

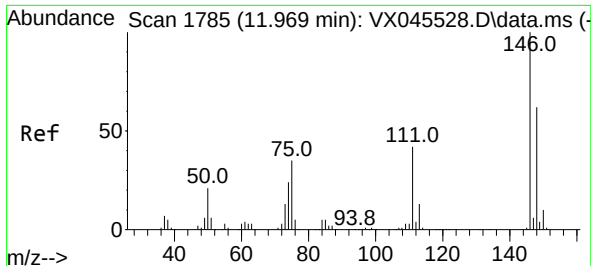


#86
 p-Isopropyltoluene
 Concen: 19.973 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045800.D
 Acq: 16 Apr 2025 12:11



Tgt Ion:119 Resp: 88318
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.9 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.326 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

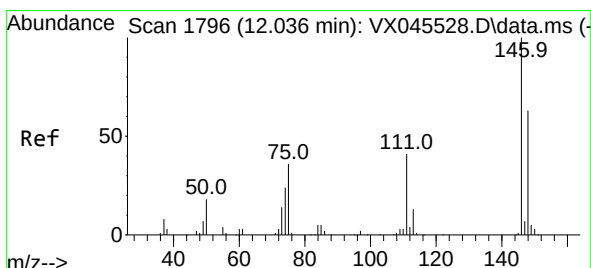
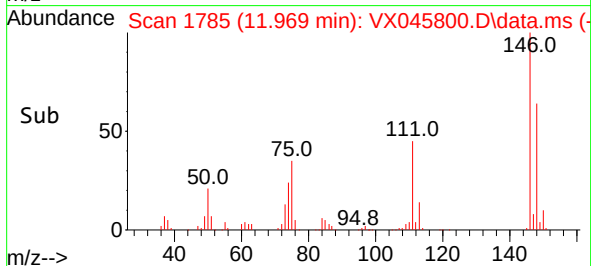
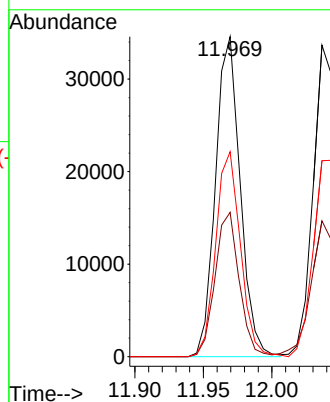
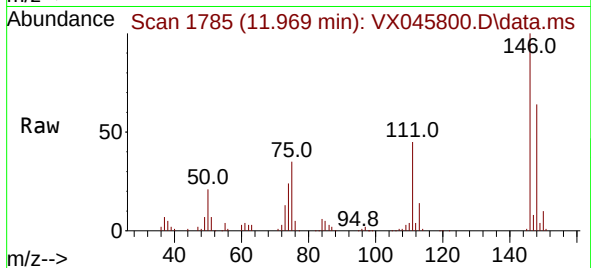
Tgt Ion:146	Resp:	4335
Ion Ratio	Lower	Upper
146	100	
111	44.3	22.2 66.6
148	64.0	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#88

1,4-Dichlorobenzene

Concen: 19.110 ug/l

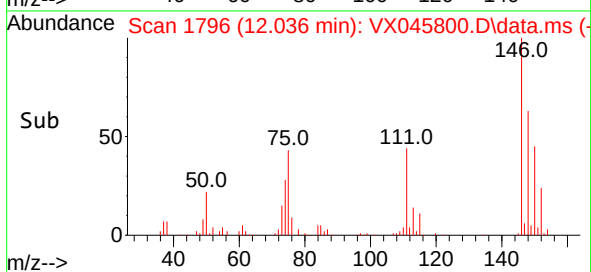
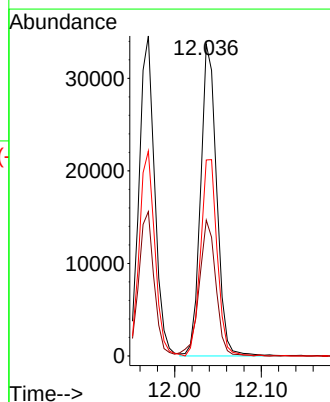
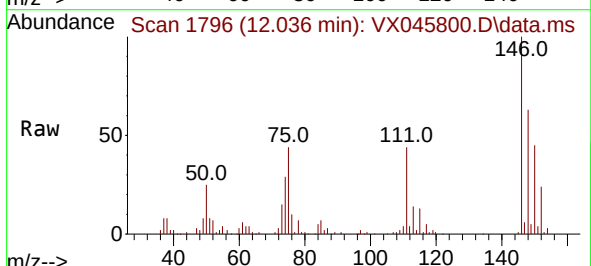
RT: 12.036 min Scan# 1796

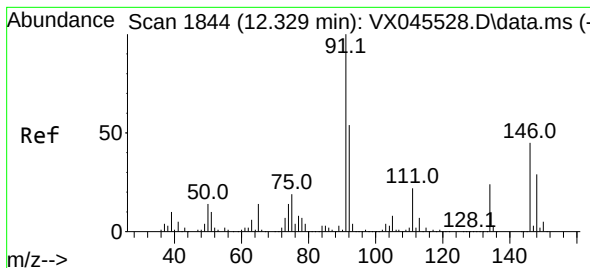
Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

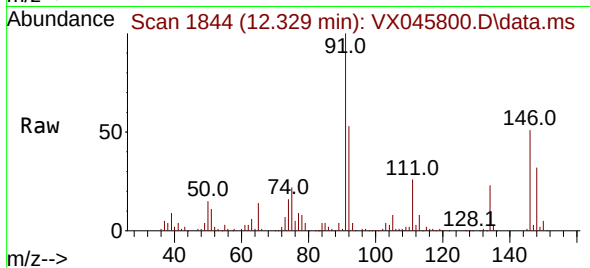
Tgt Ion:146	Resp:	43462
Ion Ratio	Lower	Upper
146	100	
111	45.1	20.9 62.8
148	65.1	31.5 94.5





#89
n-Butylbenzene
Concen: 19.176 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

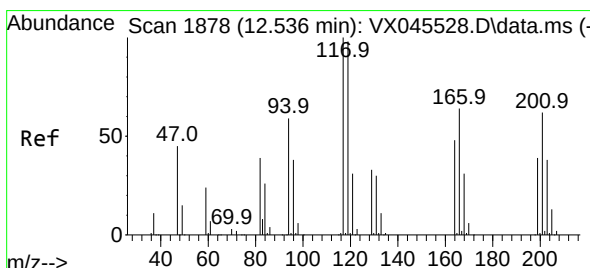
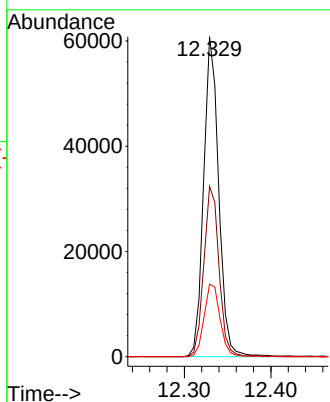
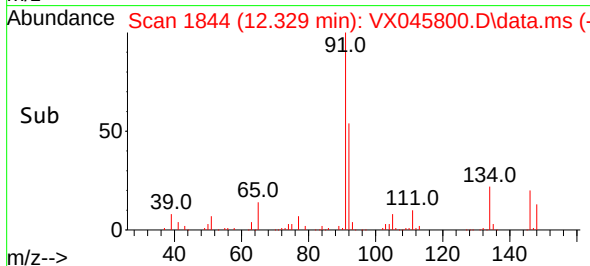
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



Tgt Ion: 91 Resp: 73529
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.6
134 24.1 11.9 35.7

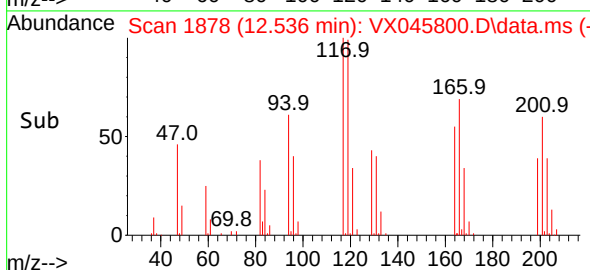
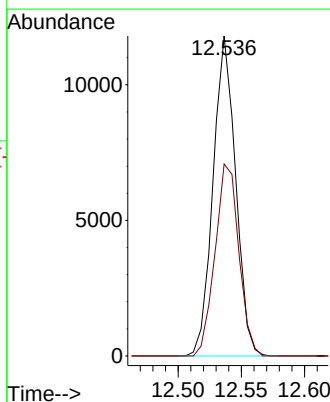
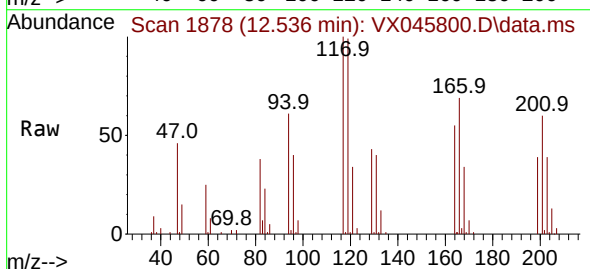
Manual Integrations
APPROVED

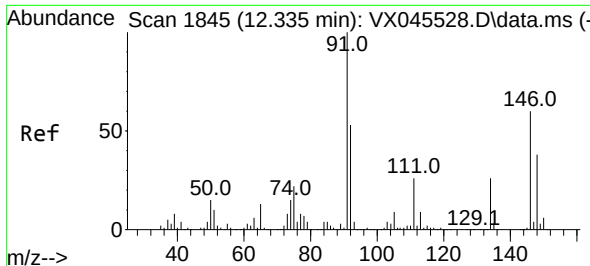
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#90
Hexachloroethane
Concen: 19.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

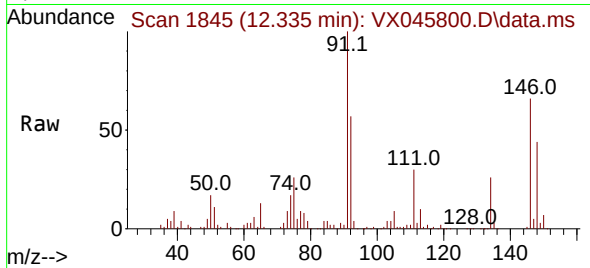
Tgt Ion:117 Resp: 14606
Ion Ratio Lower Upper
117 100
201 63.3 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

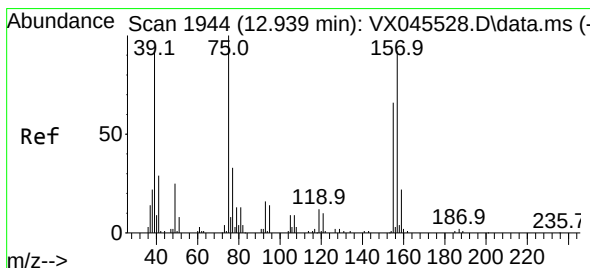
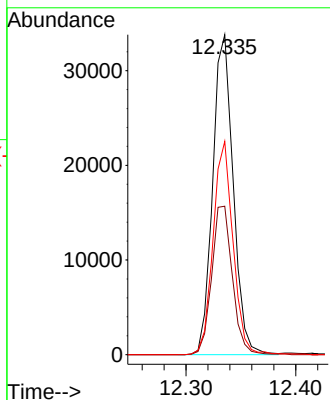
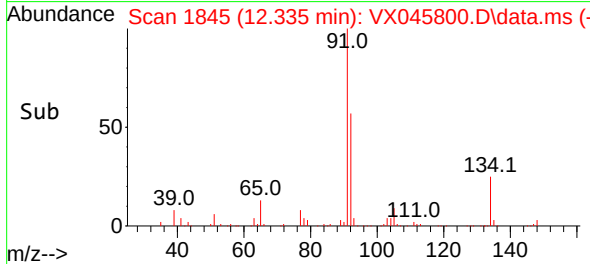
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



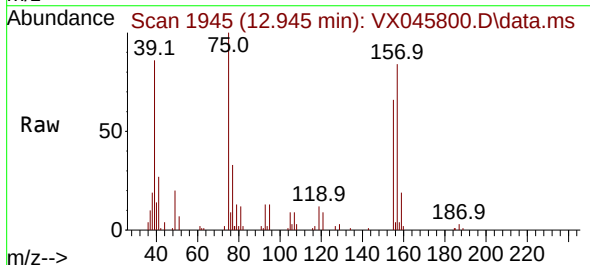
Tgt Ion:146 Resp: 43884
Ion Ratio Lower Upper
146 100
111 46.9 22.9 68.8
148 65.2 31.9 95.5

Manual Integrations
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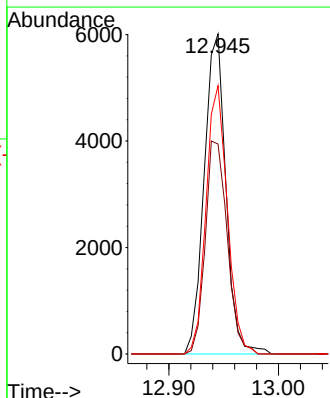
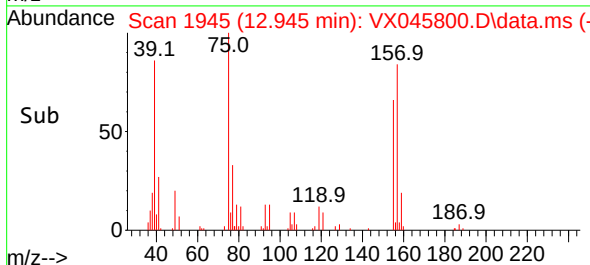
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

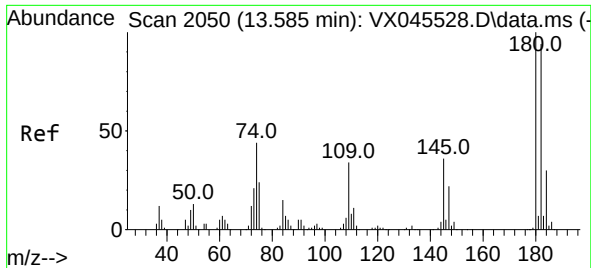


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.106 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



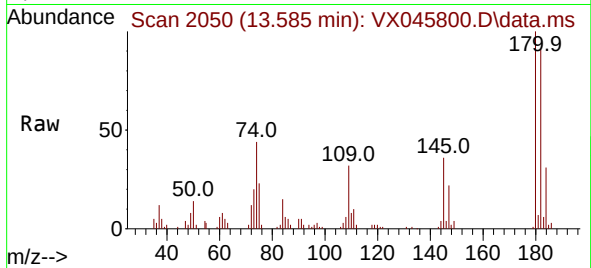
Tgt Ion: 75 Resp: 8271
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.7
157 82.1 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.760 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11

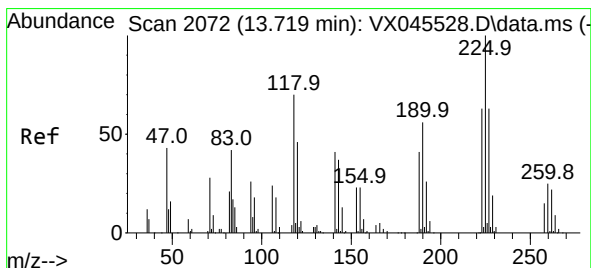
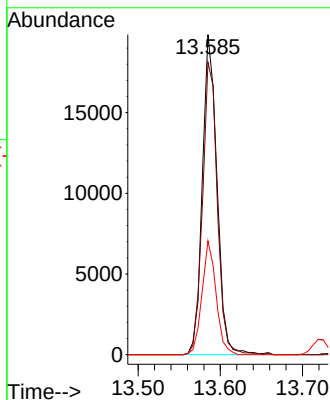
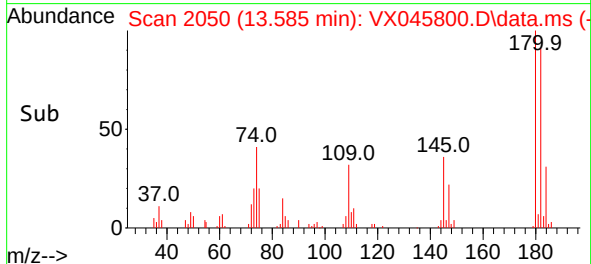
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01



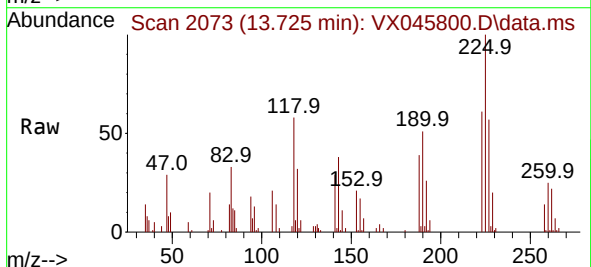
Tgt Ion:180 Resp: 2453
Ion Ratio Lower Upper
180 100
182 92.4 47.9 143.6
145 34.2 17.9 53.8

Manual Integrations
APPROVED

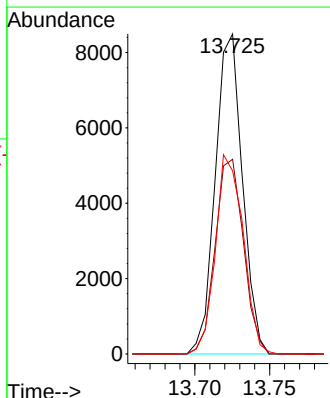
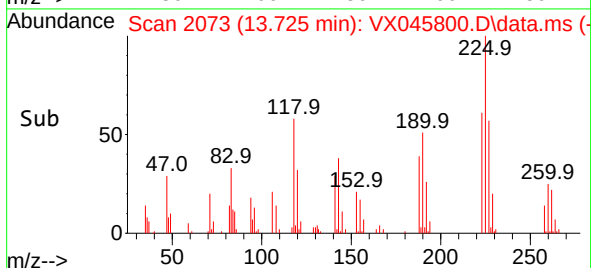
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

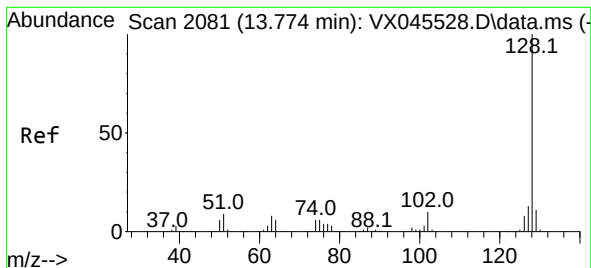


#94
Hexachlorobutadiene
Concen: 20.047 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045800.D
Acq: 16 Apr 2025 12:11



Tgt Ion:225 Resp: 10725
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.3
227 63.6 32.2 96.6





#95

Naphthalene

Concen: 19.670 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

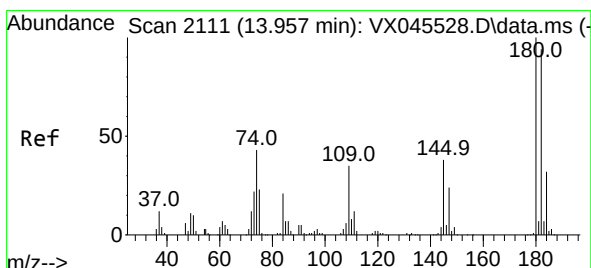
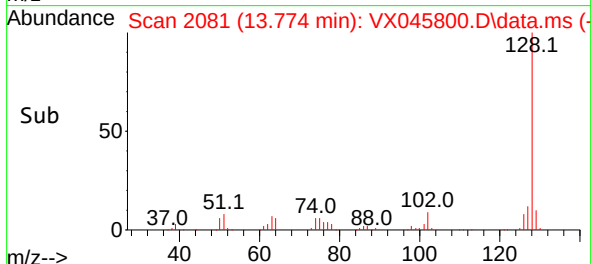
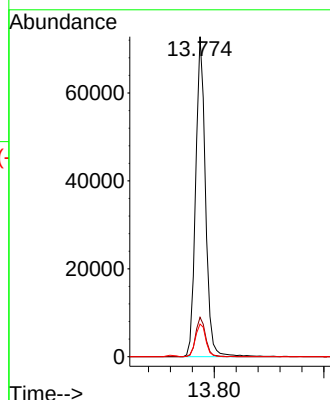
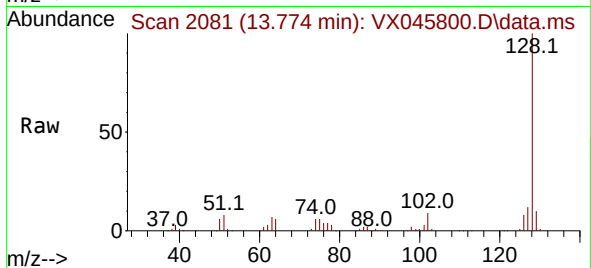
Tgt Ion:128	Resp:	9087
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.3 15.5
129	10.8	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.090 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045800.D

Acq: 16 Apr 2025 12:11

Tgt Ion:180	Resp:	24818
Ion Ratio	Lower	Upper
180	100	
182	97.8	47.3 141.8
145	37.6	18.2 54.6

