

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046621.D
 Acq On : 10 Jun 2025 23:09
 Operator : JC/MD
 Sample : VX0610WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 06:50:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	19222	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103988	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93147	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	46972	30.188	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.633%			
60) 4-Bromofluorobenzene	11.079	95	48257	30.736	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.467%			
63) Toluene-d8	8.653	98	127557	30.658	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	22013	17.615	ug/l	98
3) Chloromethane	1.306	50	22281	17.305	ug/l	99
4) Vinyl Chloride	1.386	62	21527	17.342	ug/l	99
5) Bromomethane	1.630	94	14230	19.196	ug/l	99
6) Chloroethane	1.703	64	12084	16.945	ug/l	97
7) Trichlorofluoromethane	1.904	101	32931	18.522	ug/l	99
8) Diethyl Ether	2.148	74	11116	17.844	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	21513	18.186	ug/l	98
10) 1,1-Dichloroethene	2.337	96	20702	18.041	ug/l	98
11) Methyl Iodide	2.471	142	27414	17.524	ug/l	99
12) Methyl Acetate	2.715	43	21915	15.152	ug/l	99
13) Acrolein	2.251	56	13175	92.958	ug/l	95
14) Acrylonitrile	3.074	53	52348	88.070	ug/l	100
15) Acetone	2.392	58	11884	87.435	ug/l	92
16) Carbon Disulfide	2.532	76	57403	18.031	ug/l	99
17) Allyl chloride	2.678	41	37422	17.975	ug/l	96
18) Methylene Chloride	2.806	84	22670	17.902	ug/l	97
19) trans-1,2-Dichloroethene	3.111	96	21879	18.399	ug/l	99
20) Diisopropyl ether	3.769	45	73623	18.691	ug/l #	78
21) 1,1-Dichloroethane	3.623	63	40810	18.083	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	24617	17.757	ug/l	96
23) tert-Butyl Alcohol	2.959	59	10522	87.647	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	63678	18.166	ug/l	99
25) Chloroform	5.105	83	42274	18.199	ug/l	98
26) Cyclohexane	5.483	56	38057	18.483	ug/l #	99
29) 1,1-Dichloropropene	5.702	75	29833	18.234	ug/l	99
30) 2-Butanone	4.568	43	64429	88.378	ug/l	99
31) 2,2-Dichloropropane	4.495	77	24376	16.782	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	36617	18.113	ug/l	98
33) Carbon Tetrachloride	5.690	117	32985	18.384	ug/l	94
34) Benzene	6.050	78	87048	18.109	ug/l	96
35) Methacrylonitrile	4.934	41	15709	17.572	ug/l	98
36) 1,2-Dichloroethane	6.098	62	33348	18.336	ug/l	100
37) Trichloroethene	7.135	130	21199	17.575	ug/l #	79
38) Methylcyclohexane	7.391	83	37451	18.033	ug/l	98
39) 1,2-Dichloropropane	7.433	63	21584	18.000	ug/l	95
40) Dibromomethane	7.586	93	15985	17.832	ug/l	100
41) Bromodichloromethane	7.830	83	33112	18.131	ug/l	98
42) Vinyl Acetate	3.733	43	292460	92.970	ug/l	98

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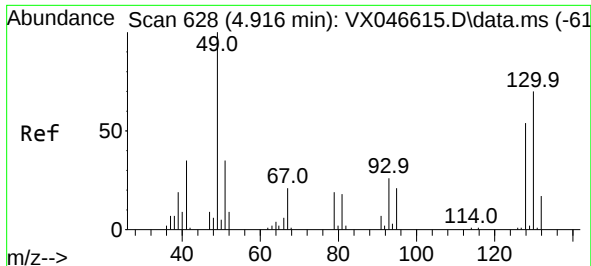
Manual Integrations
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Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

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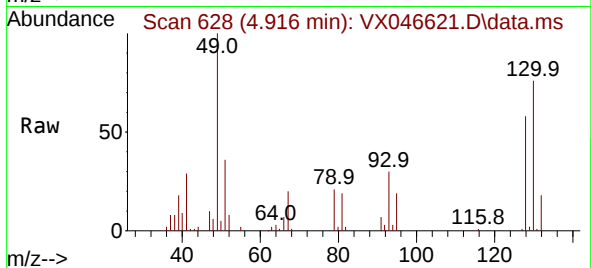
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	27654	17.908	ug/l #	88
44) Isopropyl Acetate	6.348	43	43509	18.012	ug/l	99
45) 1,4-Dioxane	7.665	88	5579	366.160	ug/l #	89
46) Methyl methacrylate	7.696	41	23408	17.748	ug/l	95
47) n-amyl Acetate	10.841	43	40603	18.792	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	28220	17.237	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	32821	17.957	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	20768	18.382	ug/l	91
51) Ethyl methacrylate	9.116	69	30509	17.760	ug/l	97
52) 1,3-Dichloropropane	9.311	76	36026	18.307	ug/l	99
53) Dibromochloromethane	9.518	129	24458	18.367	ug/l	99
54) 1,2-Dibromoethane	9.610	107	21366	17.979	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	90784	101.191	ug/l	99
56) Bromoform	10.799	173	14483	17.599	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	140128	92.485	ug/l	99
59) 2-Hexanone	9.433	43	99238	92.843	ug/l	99
61) Tetrachloroethene	9.275	164	17516	17.943	ug/l	94
62) Toluene	8.720	91	94378	18.696	ug/l	98
64) Chlorobenzene	10.079	112	60711	18.646	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	20695	18.966	ug/l	96
66) Ethyl Benzene	10.195	91	106657	18.504	ug/l	99
67) m/p-Xylenes	10.299	106	80561	37.787	ug/l	97
68) o-Xylene	10.640	106	38128	18.574	ug/l	99
69) Styrene	10.652	104	65364	18.577	ug/l	99
70) Isopropylbenzene	10.963	105	102929	18.684	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	30365	18.764	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	24991m	18.499	ug/l	
73) Bromobenzene	11.195	156	23824	18.450	ug/l	99
74) n-propylbenzene	11.305	91	124603	18.916	ug/l	100
75) 2-Chlorotoluene	11.360	91	75026	19.025	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	86417	18.880	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	7592	16.635	ug/l	93
78) 4-Chlorotoluene	11.451	91	87714	19.225	ug/l	100
79) tert-butylbenzene	11.713	119	86527	18.956	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	86969	19.240	ug/l	98
81) sec-Butylbenzene	11.890	105	110683	18.948	ug/l	99
82) p-Isopropyltoluene	12.006	119	92349	19.262	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	46156	19.202	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	45679	18.897	ug/l	98
85) n-Butylbenzene	12.329	91	88946	19.258	ug/l	99
86) Hexachloroethane	12.536	117	15002	18.018	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	44694	19.327	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6386	19.130	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	28246	18.527	ug/l	98
90) Hexachlorobutadiene	13.725	225	12836	19.121	ug/l	99
91) Naphthalene	13.774	128	88858	18.371	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	28750	19.212	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

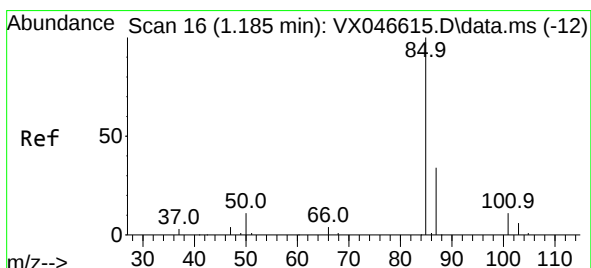
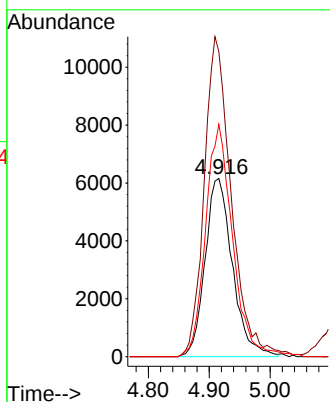
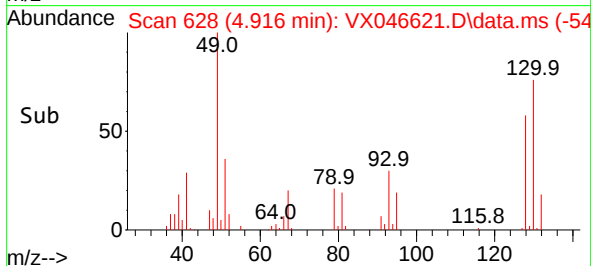
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion:128 Resp: 1922
Ion Ratio Lower Upper
128 100
49 174.1 0.0 448.3
130 129.1 0.0 312.0

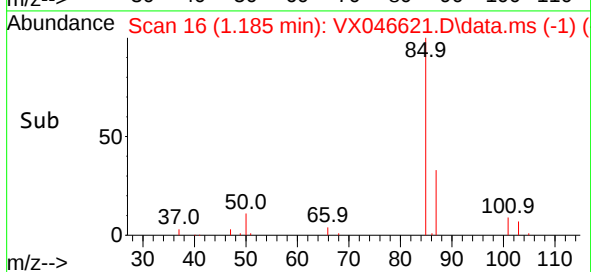
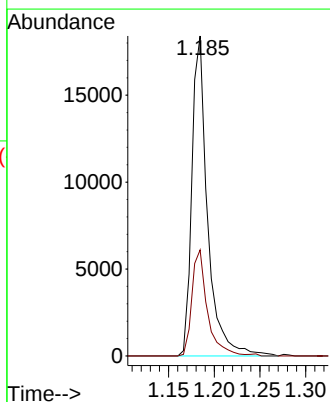
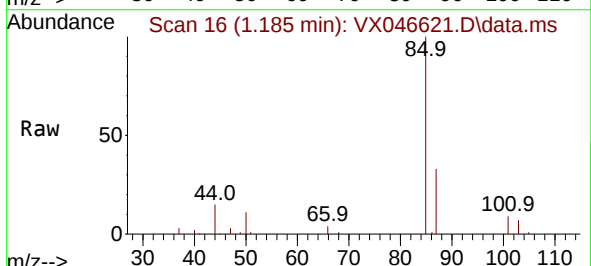
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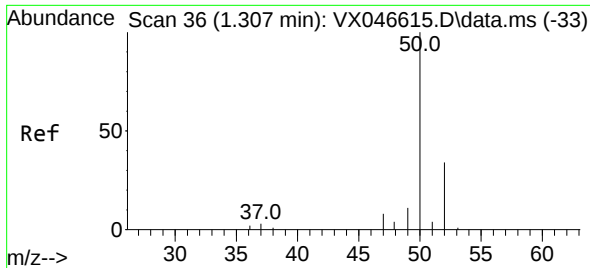
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#2
Dichlorodifluoromethane
Concen: 17.615 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 85 Resp: 22013
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.3





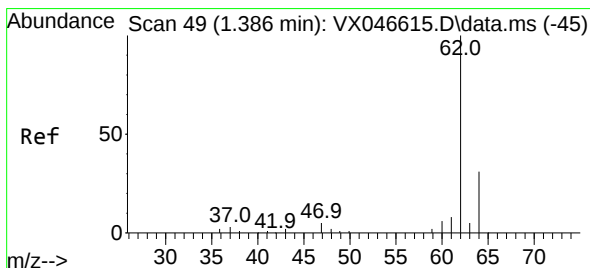
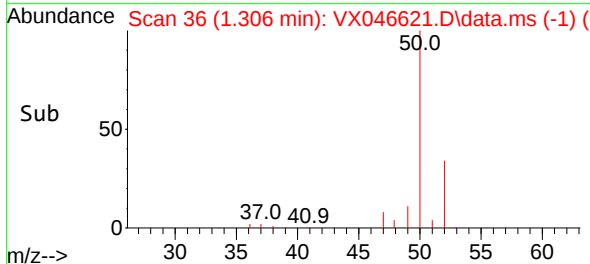
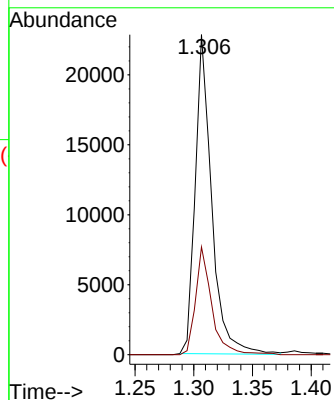
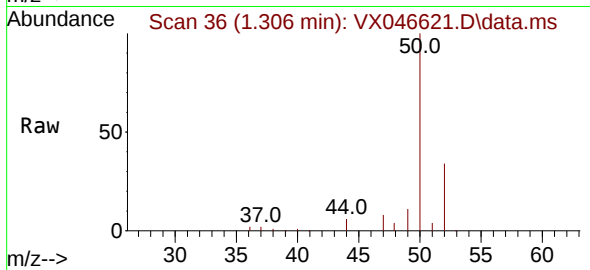
#3
Chloromethane
Concen: 17.305 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
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ClientSampleId :
VX0610WBS02

Tgt Ion: 50 Resp: 2228
Ion Ratio Lower Upper
50 100
52 33.8 27.4 41.2

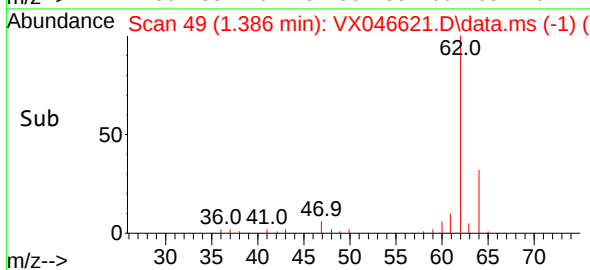
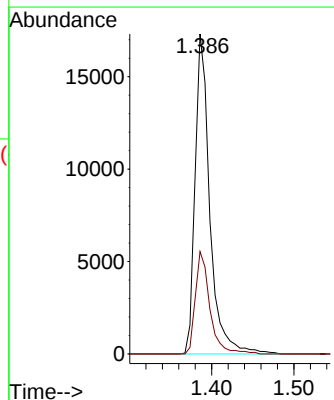
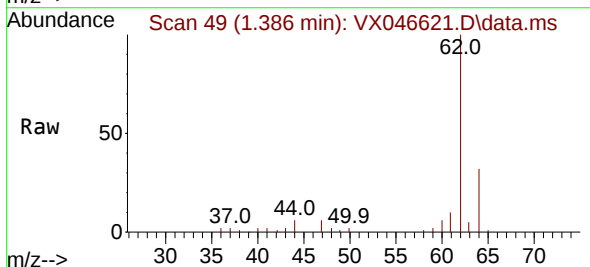
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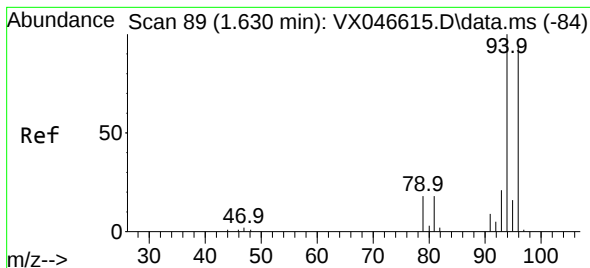
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 17.342 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

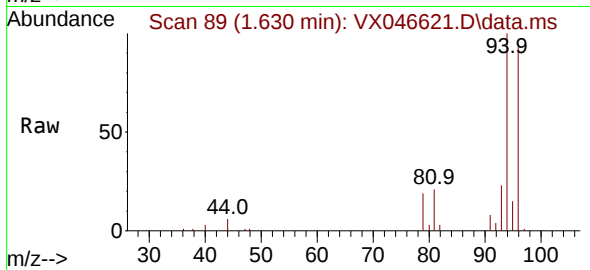
Tgt Ion: 62 Resp: 21527
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 19.196 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

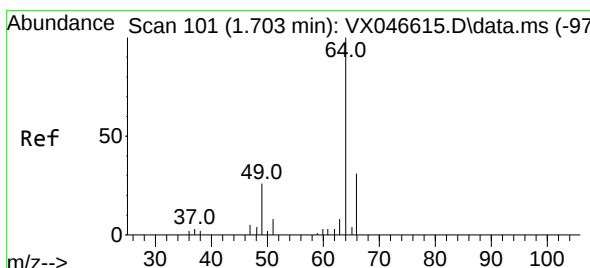
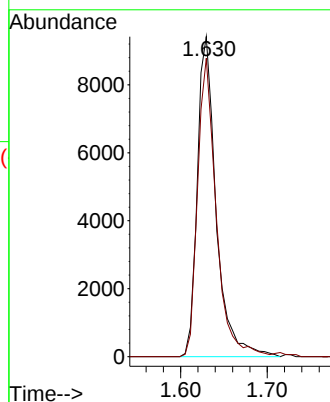
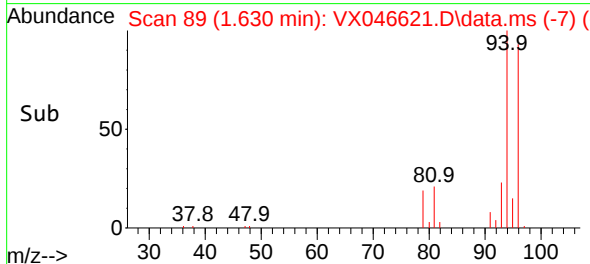
Instrument :
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ClientSampleId :
VX0610WBS02



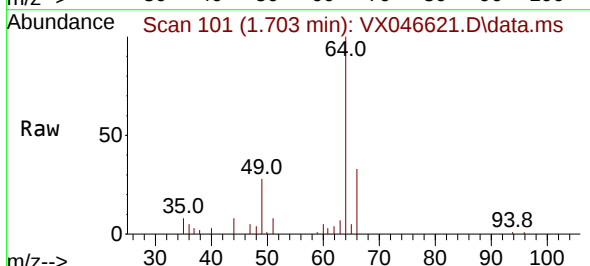
Tgt Ion: 94 Resp: 14230
Ion Ratio Lower Upper
94 100
96 93.2 75.5 113.3

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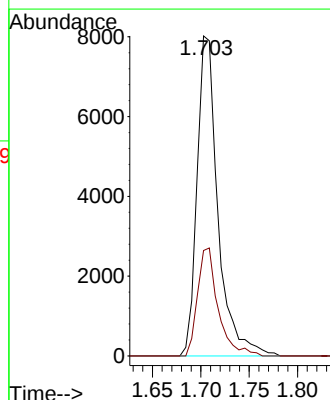
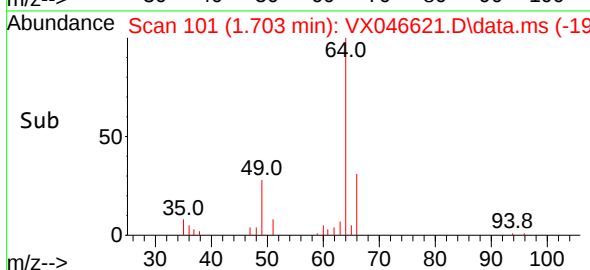
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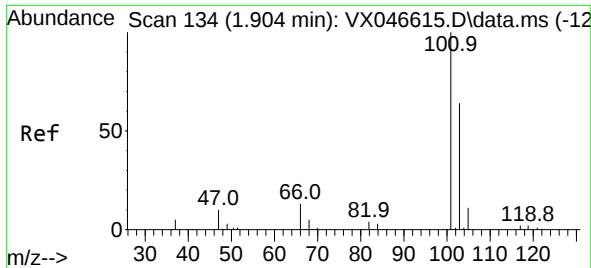


#6
Chloroethane
Concen: 16.945 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



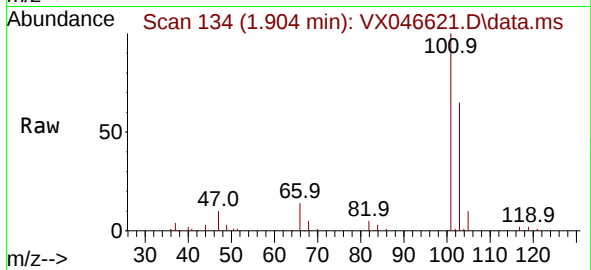
Tgt Ion: 64 Resp: 12084
Ion Ratio Lower Upper
64 100
66 33.0 25.0 37.6





#7
Trichlorofluoromethane
Concen: 18.522 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

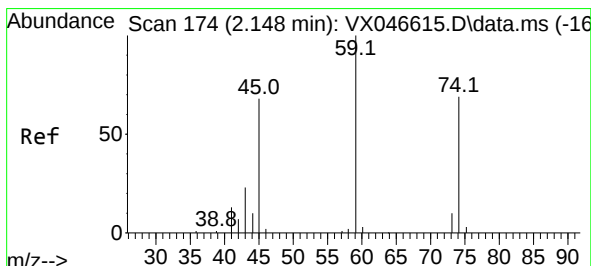
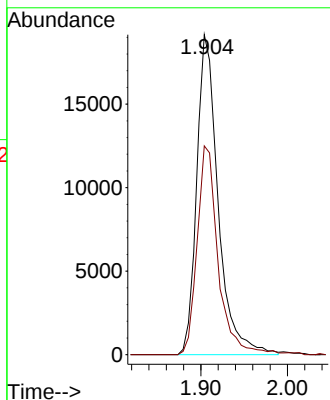
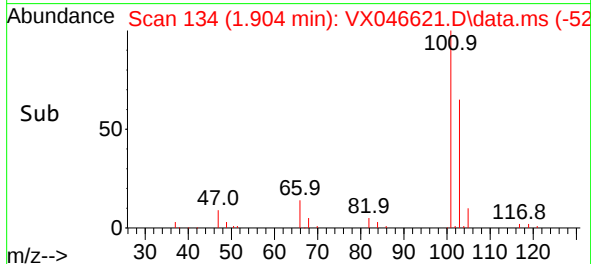
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Tgt Ion:101 Resp: 3293
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

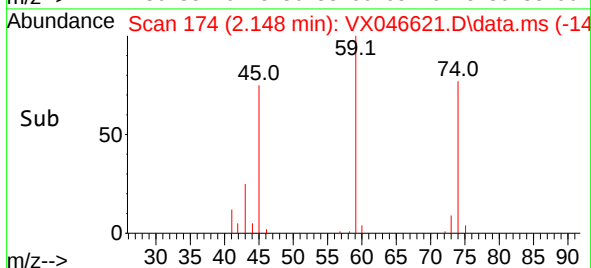
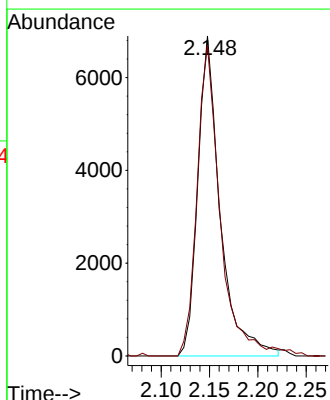
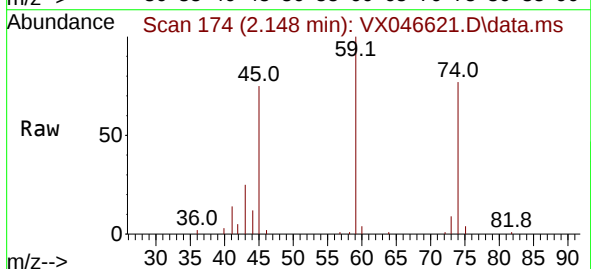
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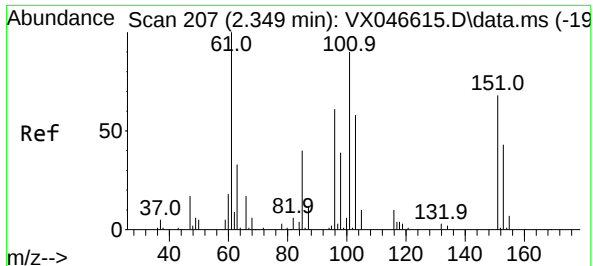
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#8
Diethyl Ether
Concen: 17.844 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 74 Resp: 11116
Ion Ratio Lower Upper
74 100
45 98.6 19.3 174.1





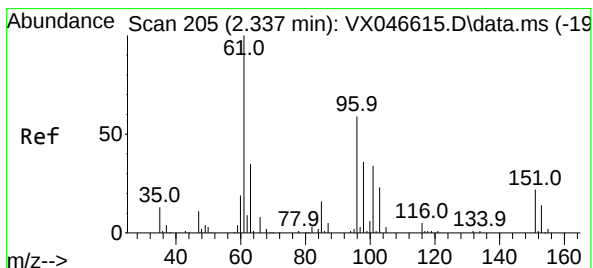
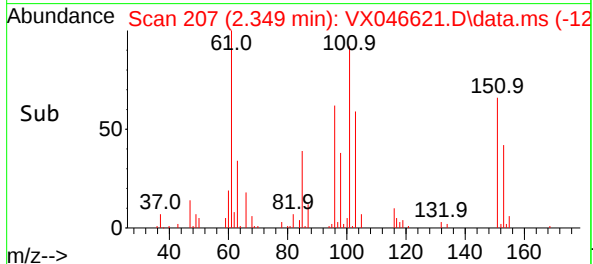
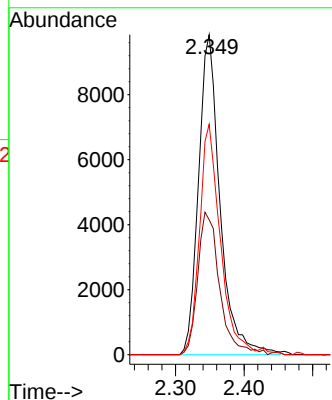
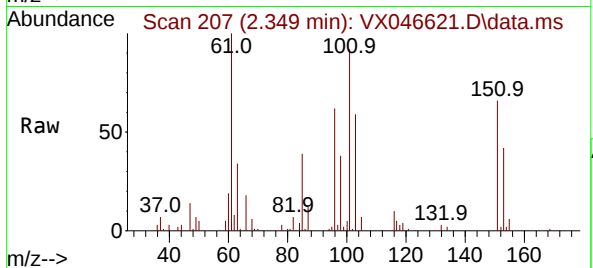
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.186 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion:101 Resp: 2151
Ion Ratio Lower Upper
101 100
85 45.4 0.0 88.2
151 69.4 0.0 141.8

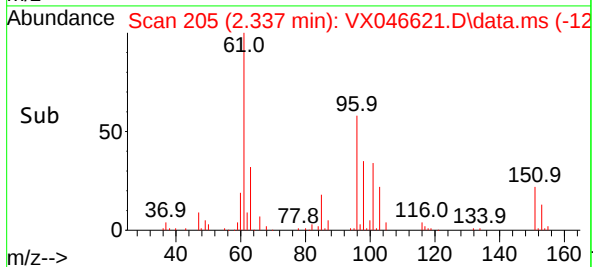
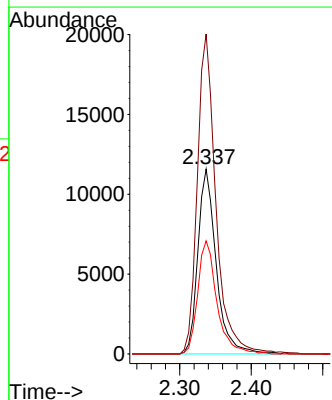
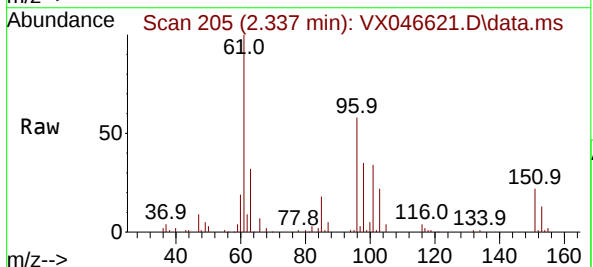
Manual Integrations
APPROVED

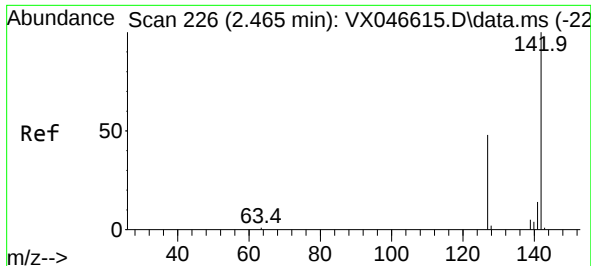
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#10
1,1-Dichloroethene
Concen: 18.041 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

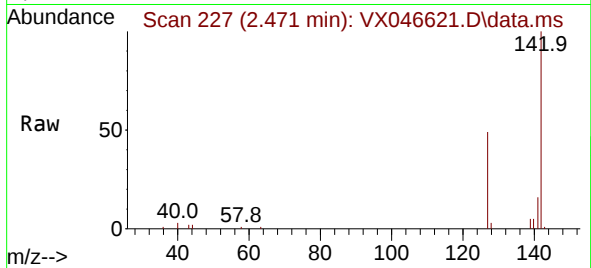
Tgt Ion: 96 Resp: 20702
Ion Ratio Lower Upper
96 100
61 173.2 135.1 202.7
98 61.2 49.0 73.4





#11
Methyl Iodide
Concen: 17.524 ug/l
RT: 2.471 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

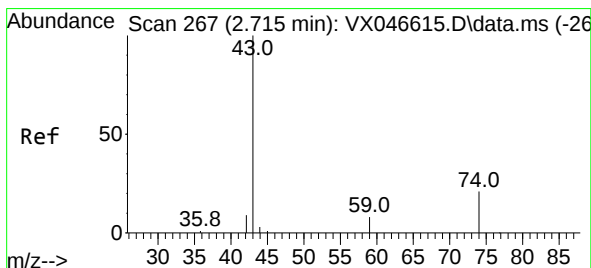
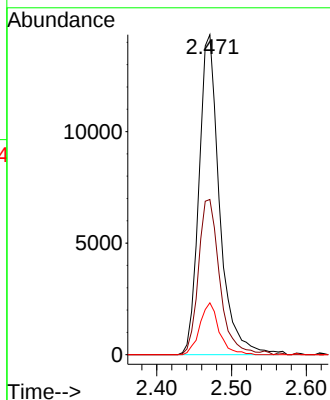
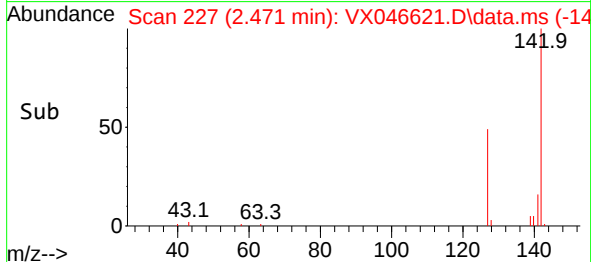
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion:142 Resp: 27414
Ion Ratio Lower Upper
142 100
127 48.4 24.1 72.4
141 16.3 7.0 20.9

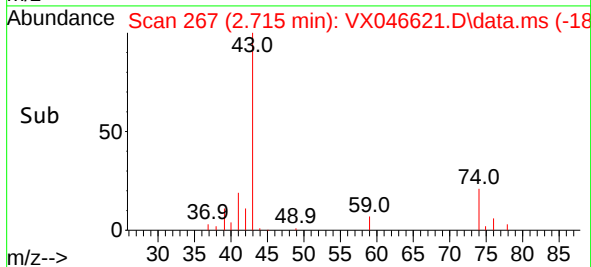
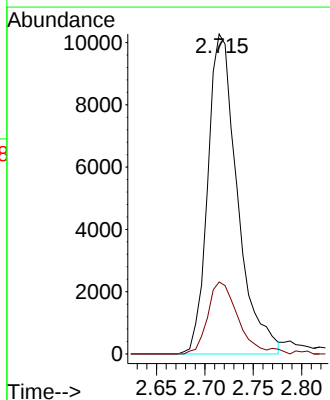
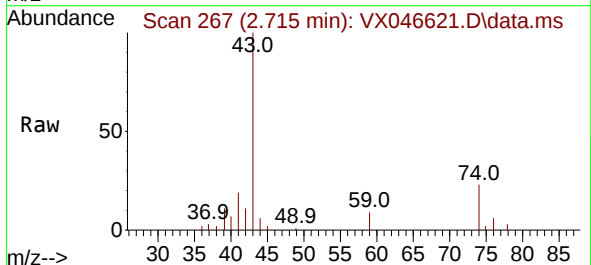
Manual Integrations
APPROVED

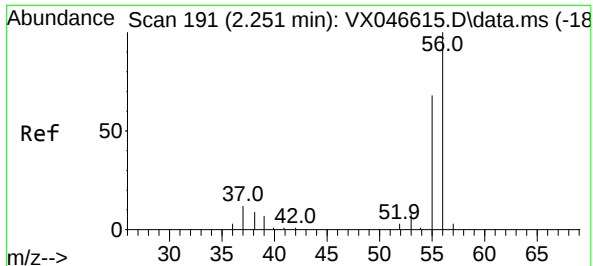
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#12
Methyl Acetate
Concen: 15.152 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

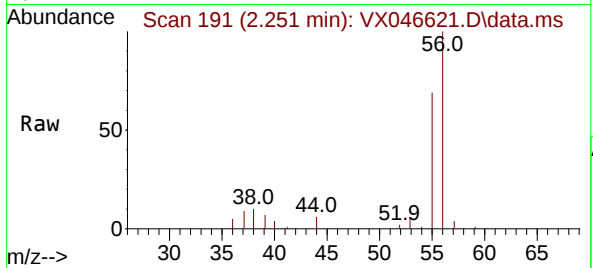
Tgt Ion: 43 Resp: 21915
Ion Ratio Lower Upper
43 100
74 22.2 17.2 25.8





#13
Acrolein
Concen: 92.958 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

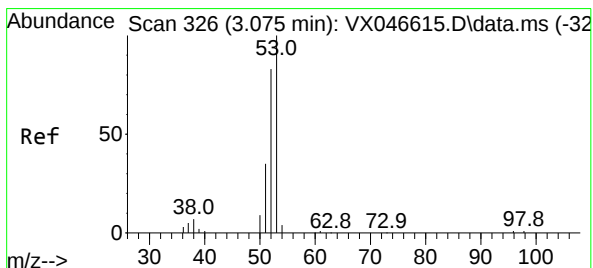
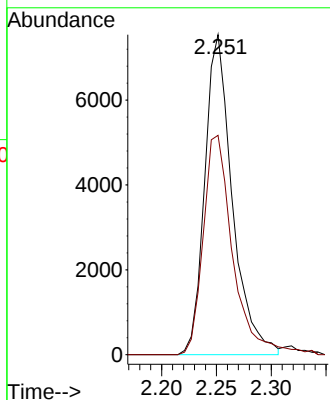
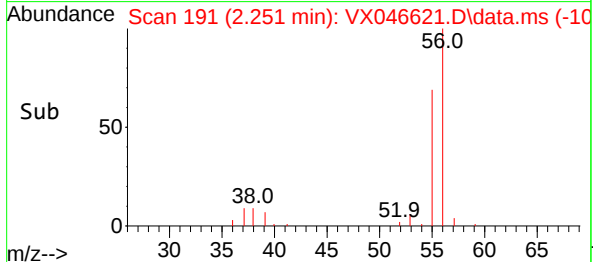
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



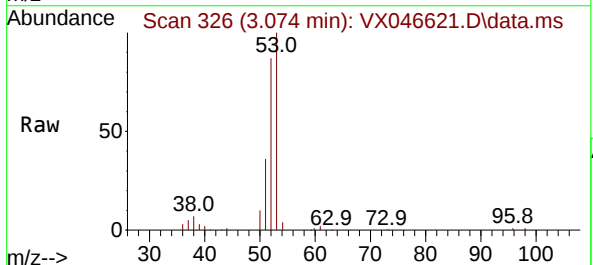
Tgt Ion: 56 Resp: 1317
Ion Ratio Lower Upper
56 100
55 73.9 56.0 84.0

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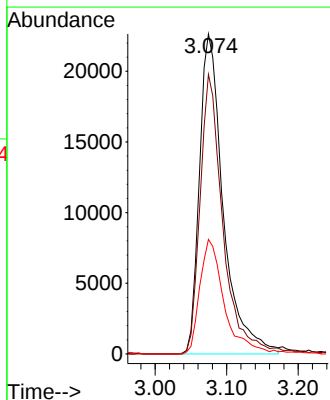
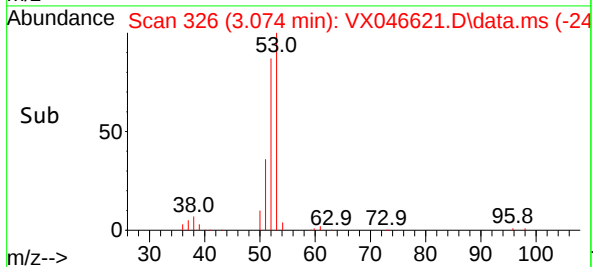
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

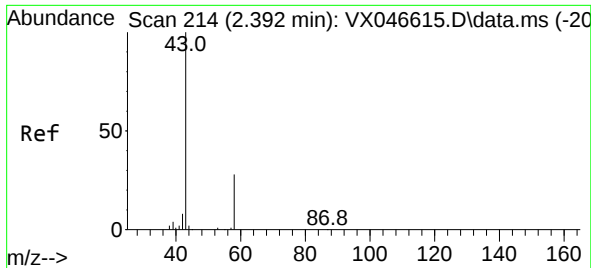


#14
Acrylonitrile
Concen: 88.070 ug/l
RT: 3.074 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



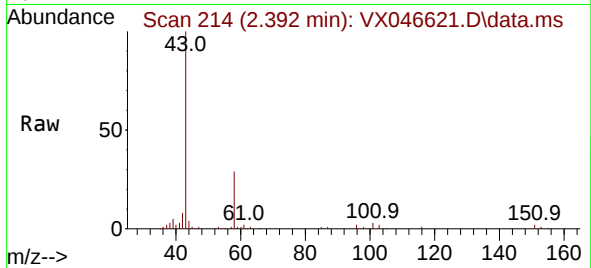
Tgt Ion: 53 Resp: 52348
Ion Ratio Lower Upper
53 100
52 82.6 41.3 123.7
51 36.5 18.6 55.8





#15
Acetone
Concen: 87.435 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

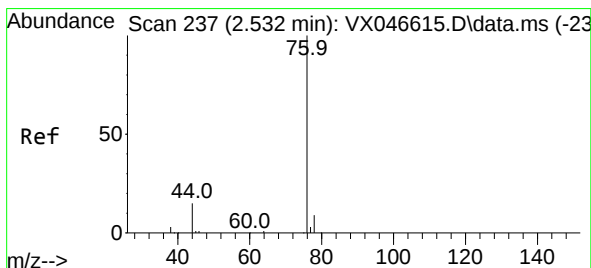
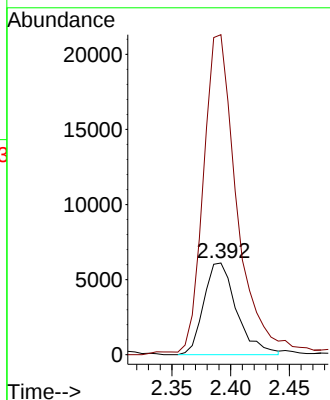
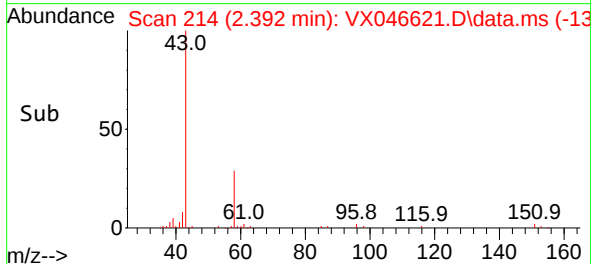
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 58 Resp: 11884
Ion Ratio Lower Upper
58 100
43 346.0 290.6 435.8

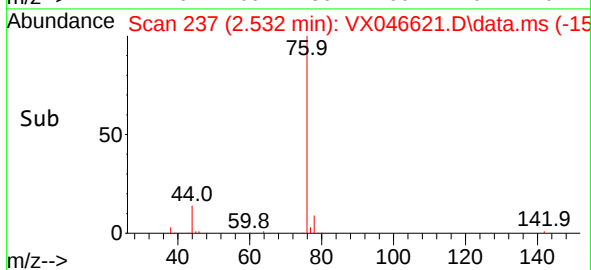
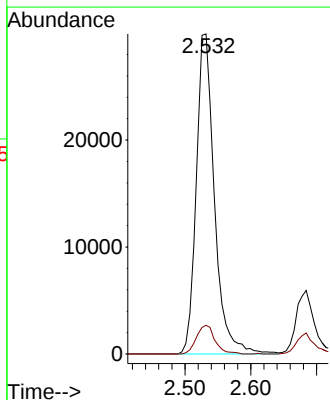
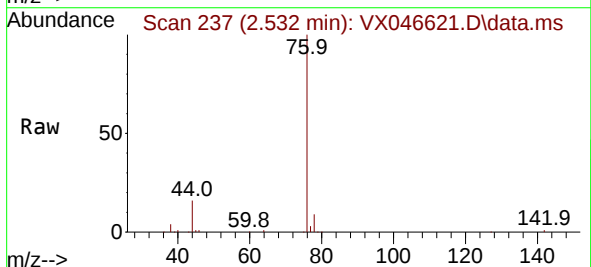
Manual Integrations
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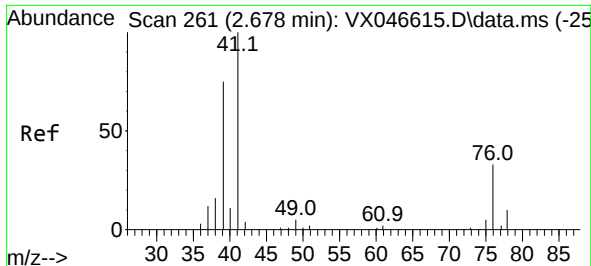
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Carbon Disulfide
Concen: 18.031 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 76 Resp: 57403
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#17

Allyl chloride

Concen: 17.975 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

Tgt Ion: 41 Resp: 3742

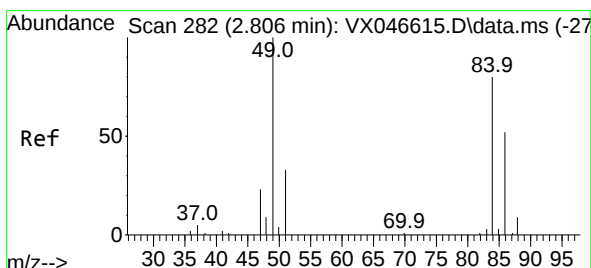
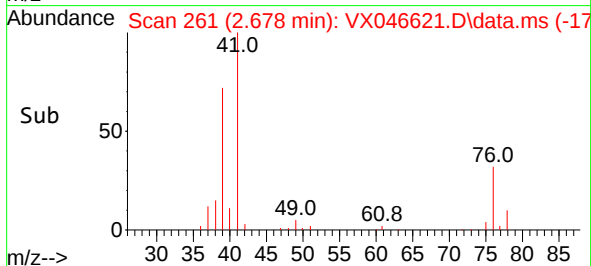
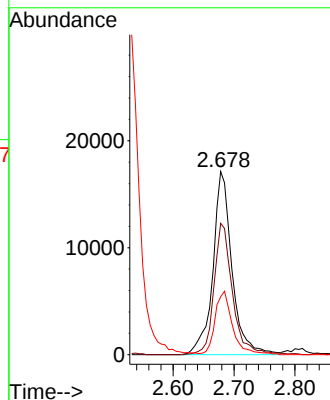
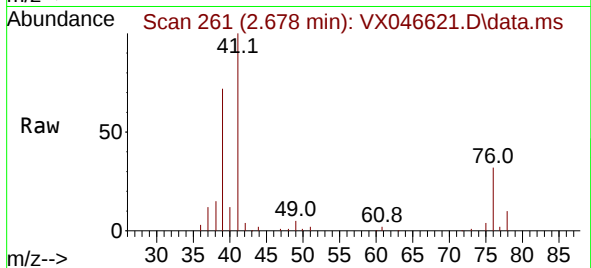
Ion	Ratio	Lower	Upper
41	100		
39	71.7	37.5	112.3
76	31.6	17.4	52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#18

Methylene Chloride

Concen: 17.902 ug/l

RT: 2.806 min Scan# 282

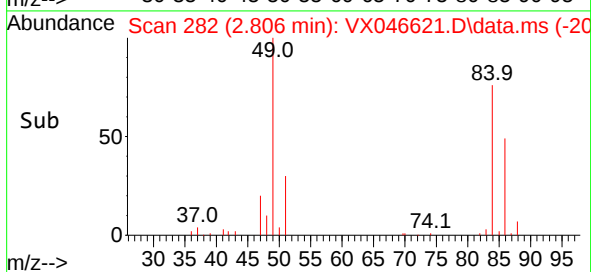
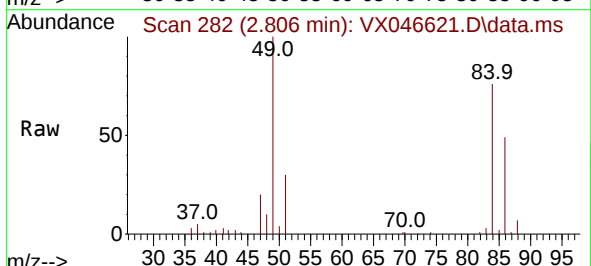
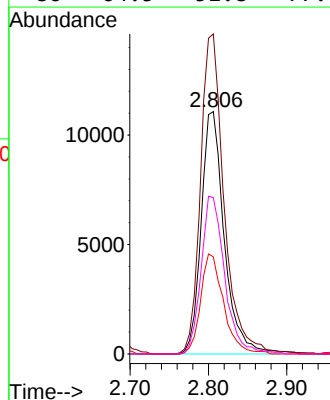
Delta R.T. -0.000 min

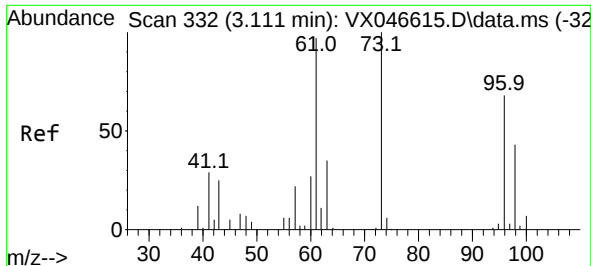
Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Tgt Ion: 84 Resp: 22670

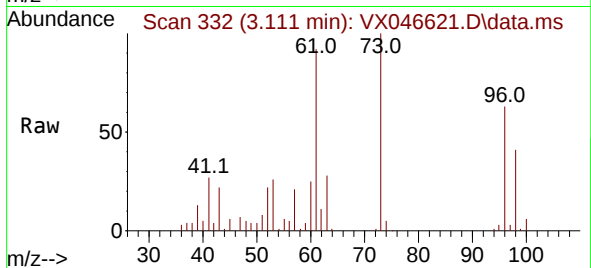
Ion	Ratio	Lower	Upper
84	100		
49	131.5	100.1	150.1
51	40.1	33.0	49.4
86	64.5	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 18.399 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

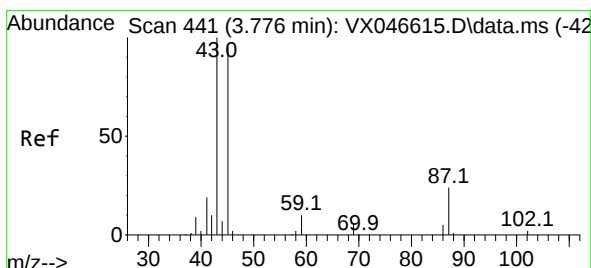
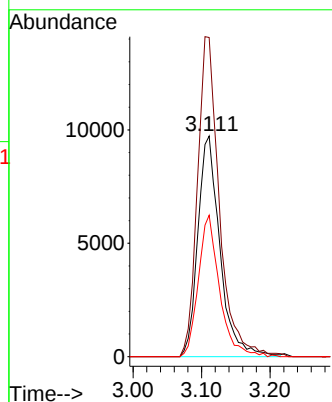
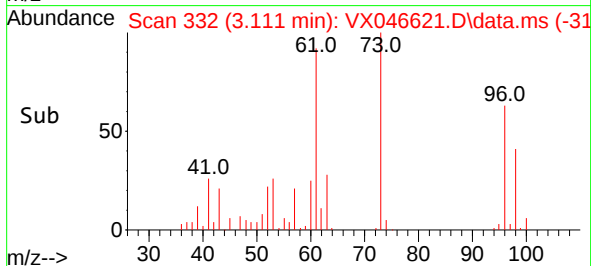
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 96 Resp: 21879
Ion Ratio Lower Upper
96 100
61 144.6 114.5 171.7
98 64.1 50.2 75.4

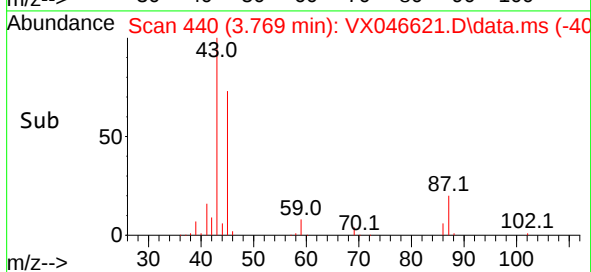
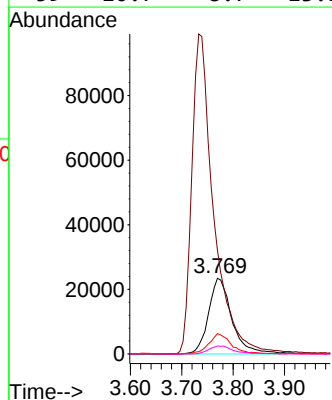
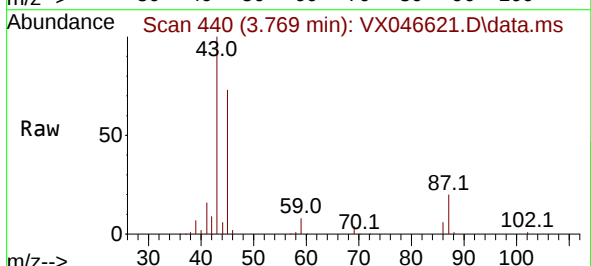
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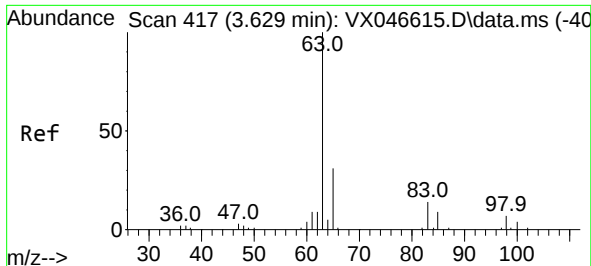
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Diisopropyl ether
Concen: 18.691 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 45 Resp: 73623
Ion Ratio Lower Upper
45 100
43 133.0 83.2 124.8#
87 26.9 20.2 30.4
59 10.7 8.7 13.1





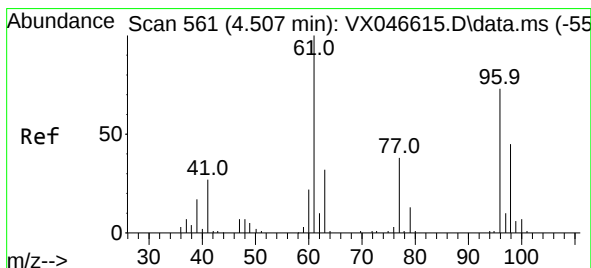
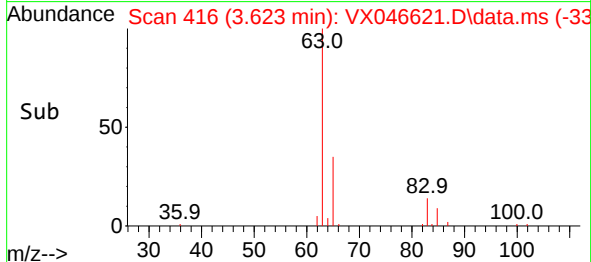
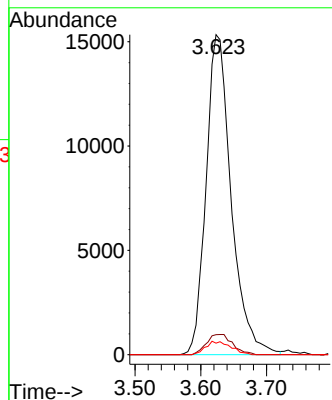
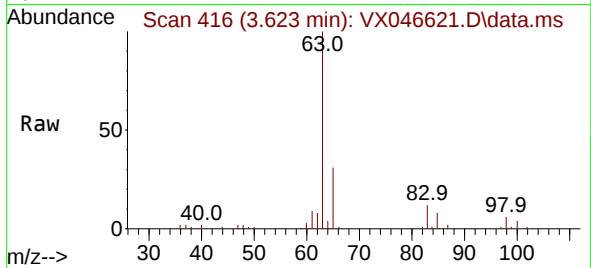
#21
1,1-Dichloroethane
Concen: 18.083 ug/l
RT: 3.623 min Scan# 417
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 63 Resp: 40810
Ion Ratio Lower Upper
63 100
98 6.3 3.6 10.8
100 3.6 1.8 5.5

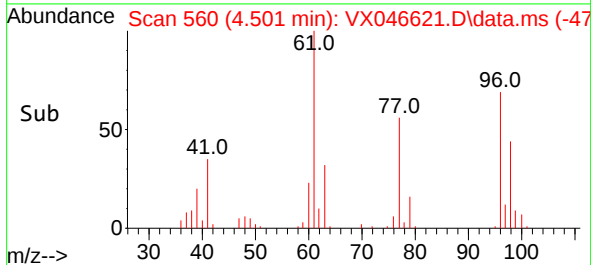
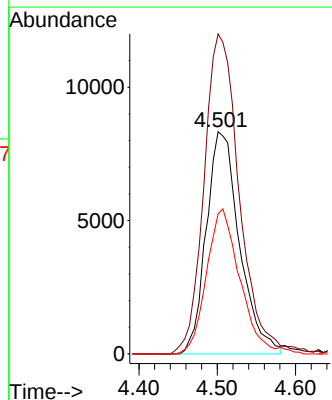
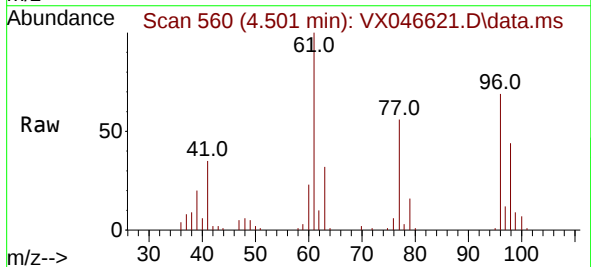
Manual Integrations
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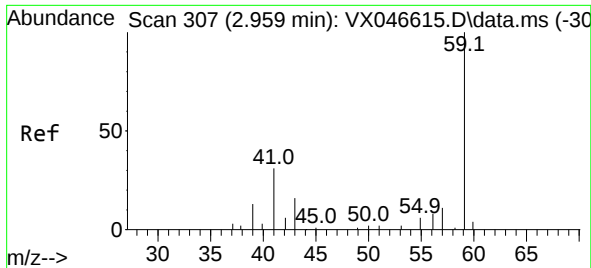
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#22
cis-1,2-Dichloroethene
Concen: 17.757 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 96 Resp: 24617
Ion Ratio Lower Upper
96 100
61 153.0 118.6 177.8
98 64.8 49.6 74.4





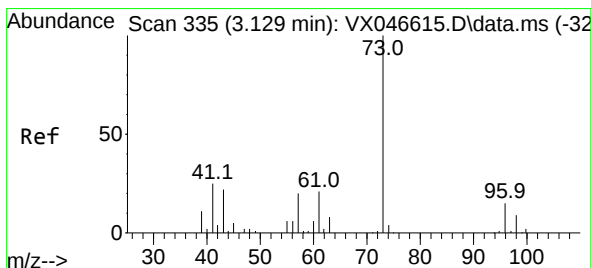
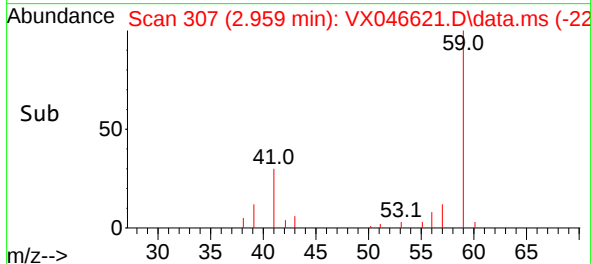
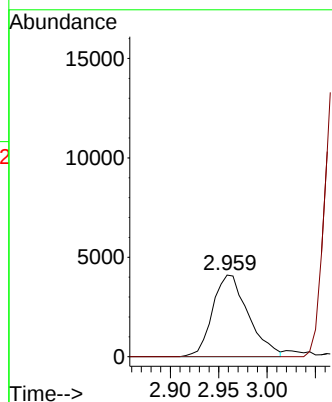
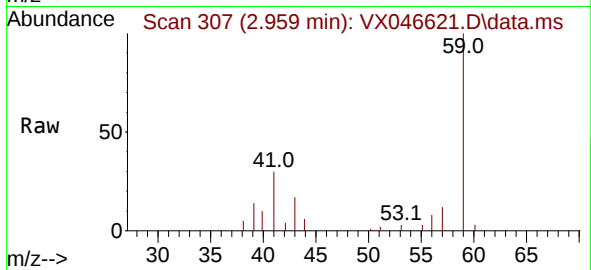
#23
tert-Butyl Alcohol
Concen: 87.647 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 59 Resp: 1052
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

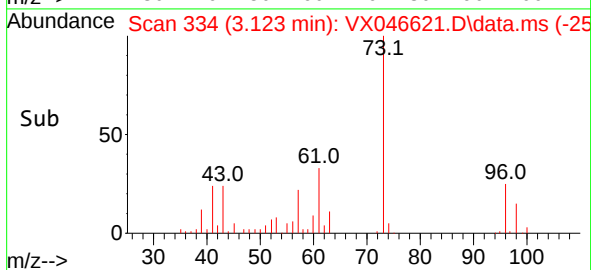
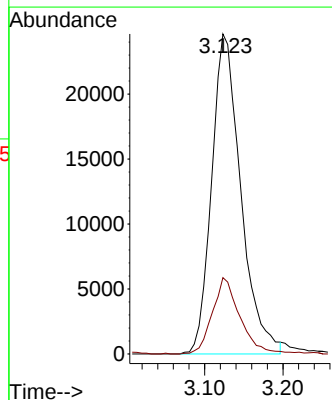
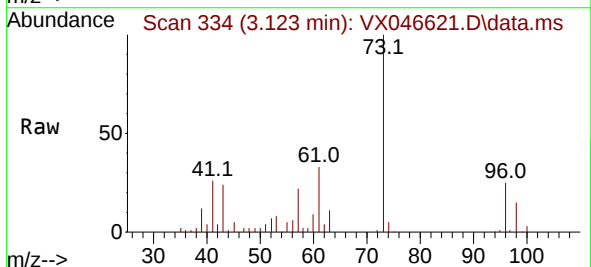
Manual Integrations
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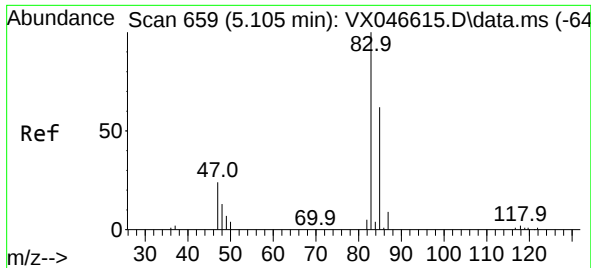
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#24
Methyl tert-Butyl Ether
Concen: 18.166 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 73 Resp: 63678
Ion Ratio Lower Upper
73 100
43 22.6 18.4 27.6





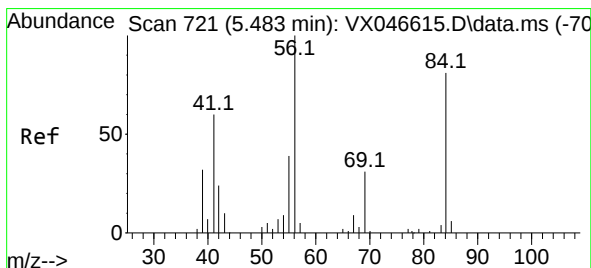
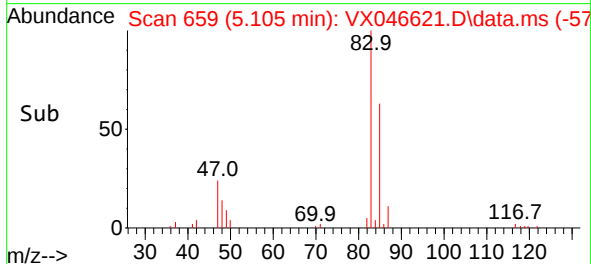
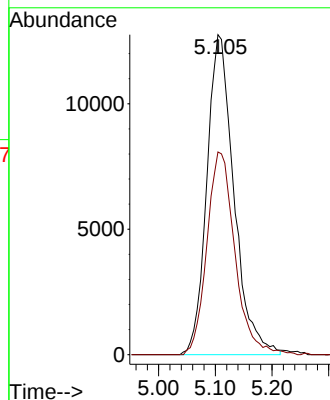
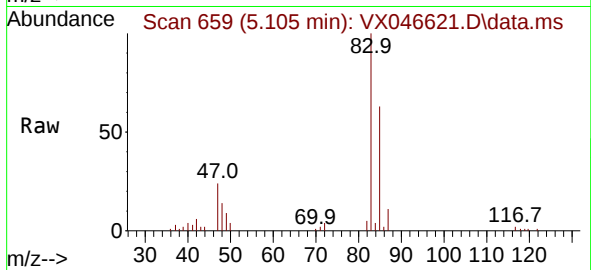
#25
Chloroform
Concen: 18.199 ug/l
RT: 5.105 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 83 Resp: 42274
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6

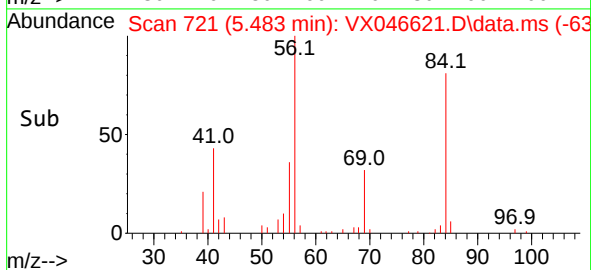
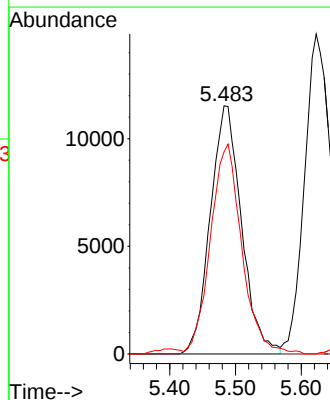
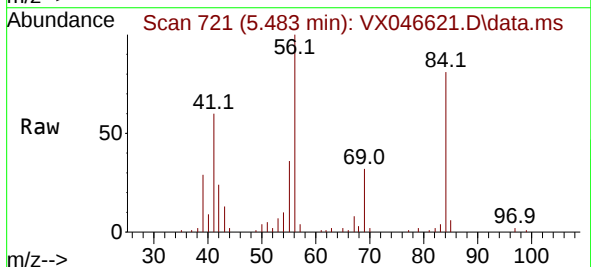
Manual Integrations
APPROVED

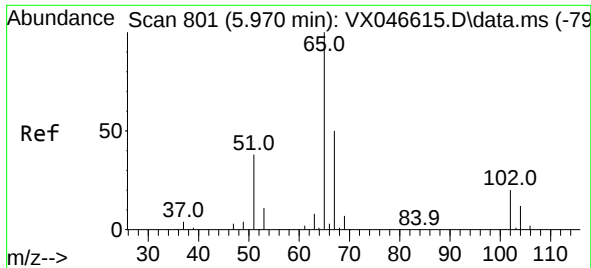
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
Cyclohexane
Concen: 18.483 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 56 Resp: 38057
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 67.4 101.0





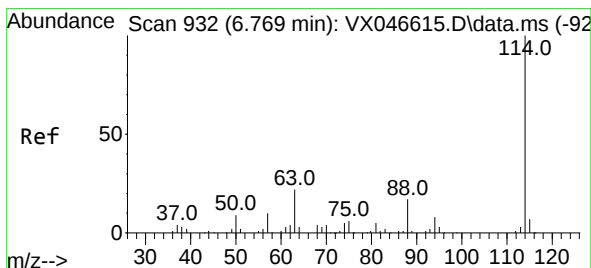
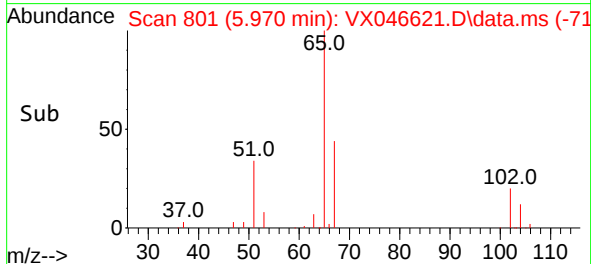
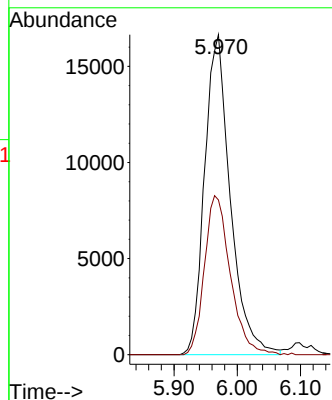
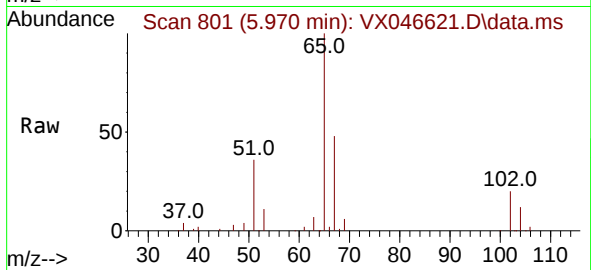
#27
1,2-Dichloroethane-d4
Concen: 30.188 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
Client Sample Id :
VX0610WBS02

Tgt Ion: 65 Resp: 46972
Ion Ratio Lower Upper
65 100
67 50.1 41.4 62.2

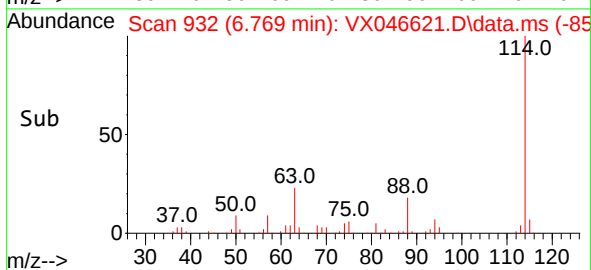
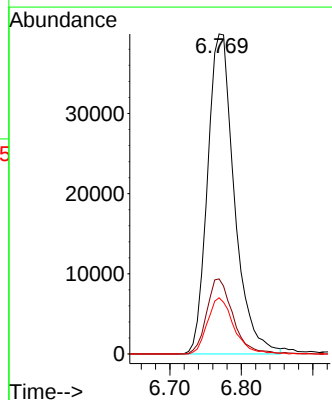
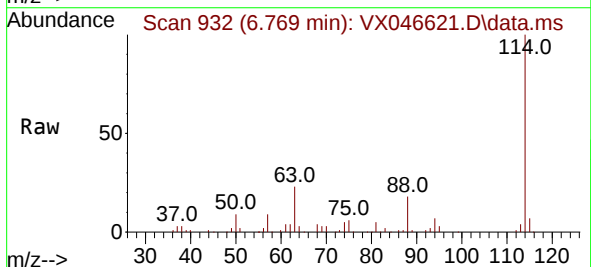
Manual Integrations
APPROVED

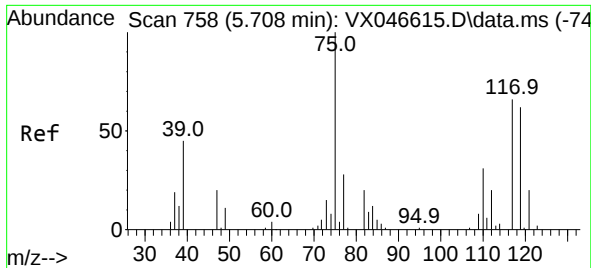
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion:114 Resp: 103988
Ion Ratio Lower Upper
114 100
63 22.9 18.1 27.1
88 17.0 14.1 21.1





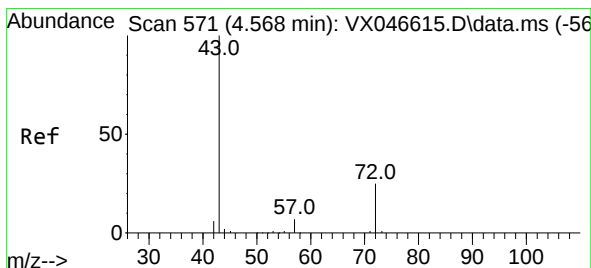
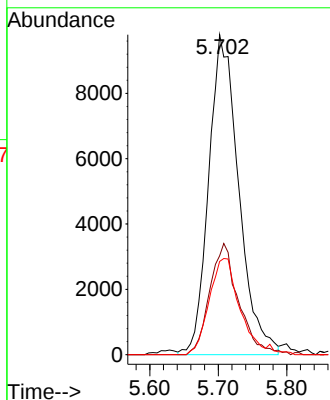
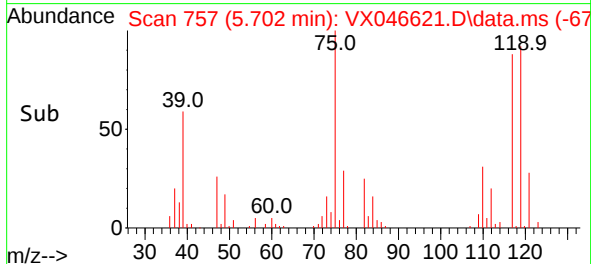
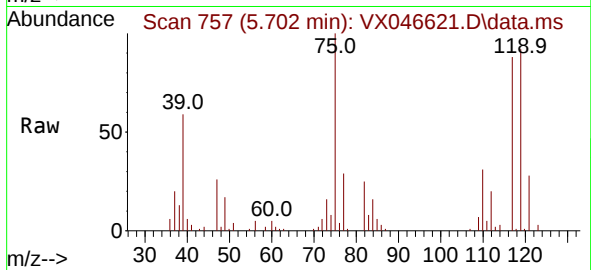
#29
1,1-Dichloropropene
Concen: 18.234 ug/l
RT: 5.702 min Scan# 758
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 75	Resp: 2983
Ion Ratio	Lower Upper
75 100	
110 33.4	0.0 65.4
77 30.2	0.0 59.8

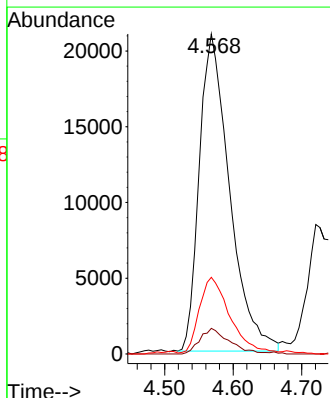
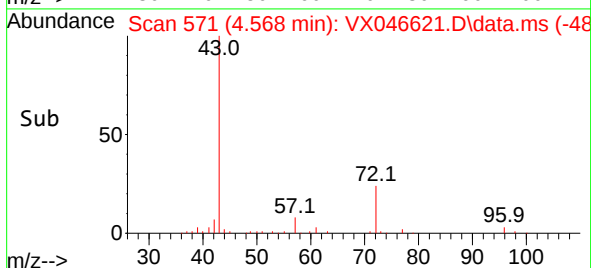
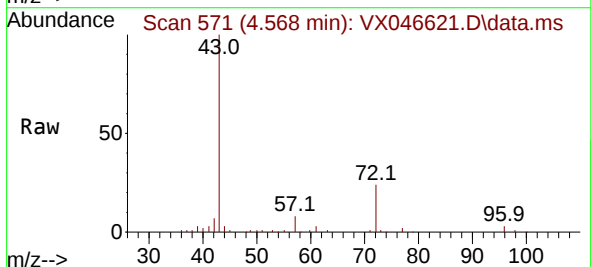
Manual Integrations
APPROVED

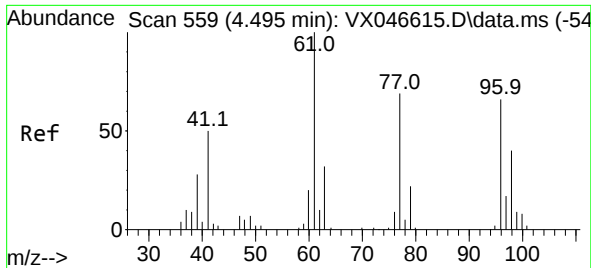
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#30
2-Butanone
Concen: 88.378 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 43	Resp: 64429
Ion Ratio	Lower Upper
43 100	
57 7.3	5.8 8.6
72 24.6	19.4 29.2





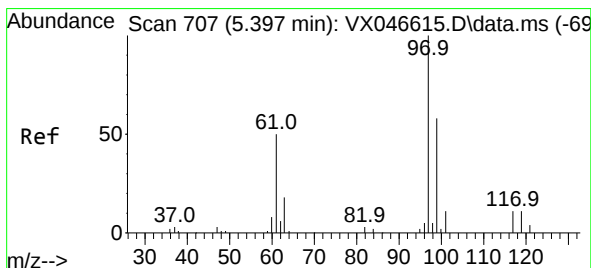
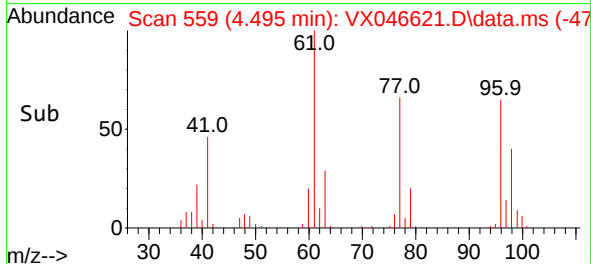
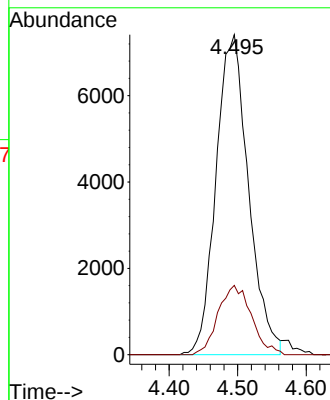
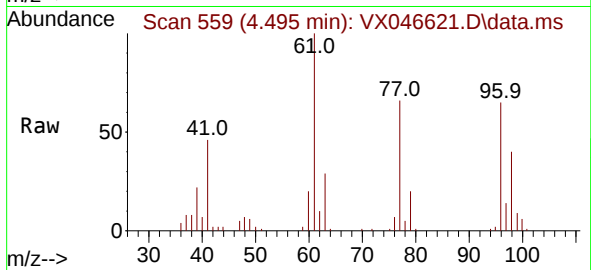
#31
2,2-Dichloropropane
Concen: 16.782 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 77 Resp: 24370
Ion Ratio Lower Upper
77 100
97 22.3 18.6 27.8

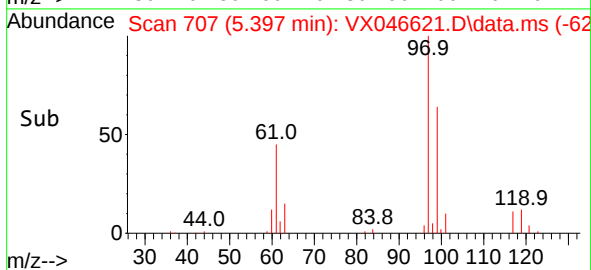
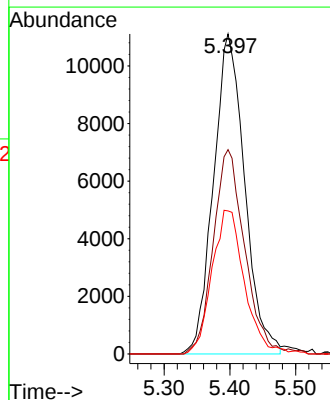
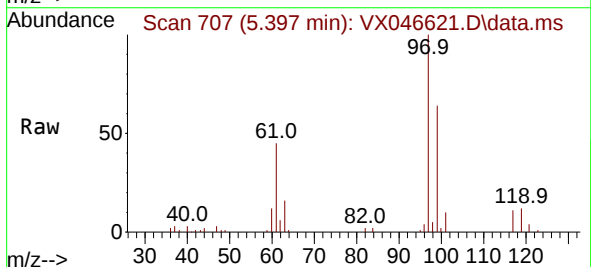
Manual Integrations
APPROVED

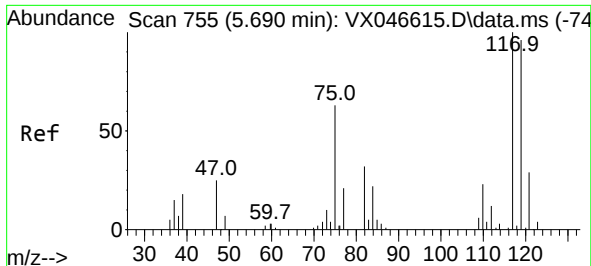
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 18.113 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

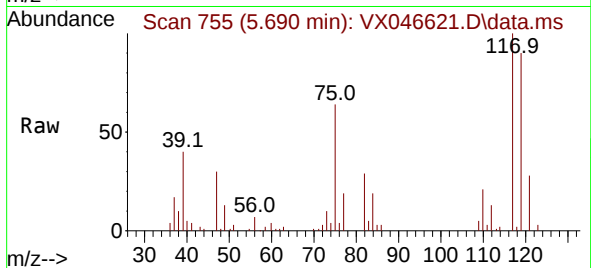
Tgt Ion: 97 Resp: 36617
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 45.9 39.5 59.3





#33
Carbon Tetrachloride
Concen: 18.384 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

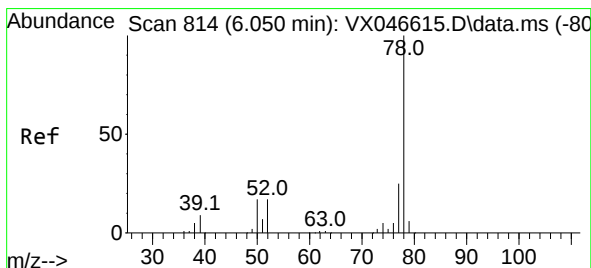
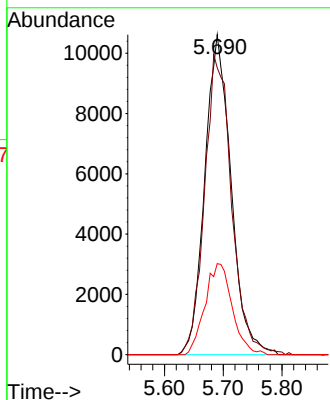
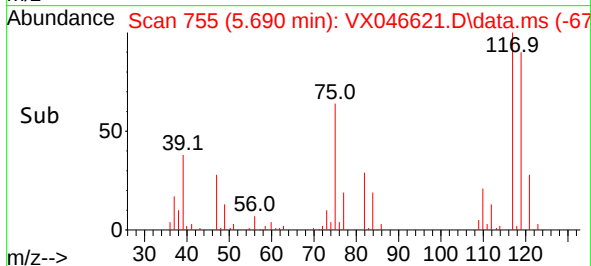
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion:117 Resp: 3298
Ion Ratio Lower Upper
117 100
119 89.6 77.1 115.7
121 28.5 23.2 34.8

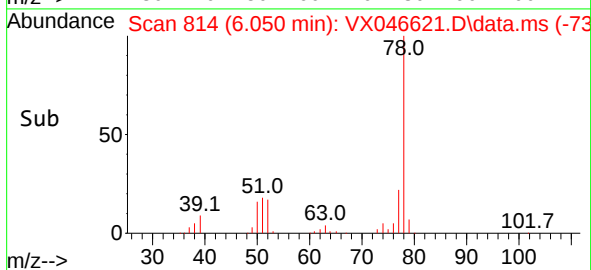
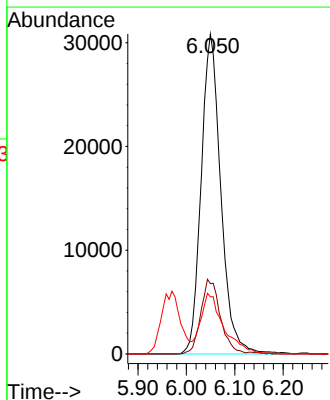
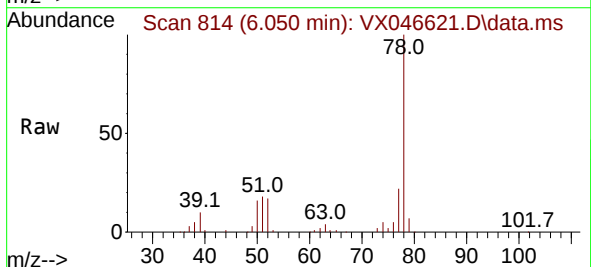
Manual Integrations
APPROVED

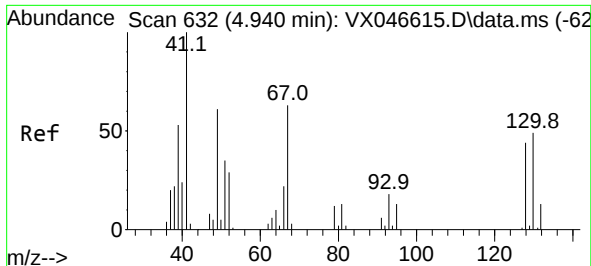
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#34
Benzene
Concen: 18.109 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

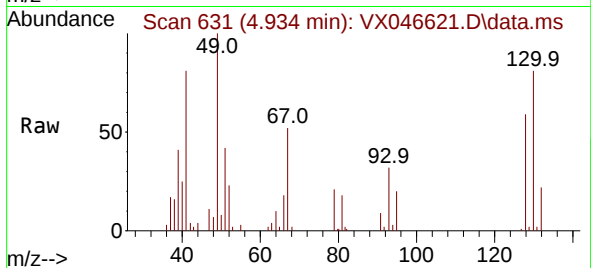
Tgt Ion: 78 Resp: 87048
Ion Ratio Lower Upper
78 100
77 22.0 19.8 29.8
51 17.6 14.7 22.1





#35
Methacrylonitrile
Concen: 17.572 ug/l
RT: 4.934 min Scan# 631
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

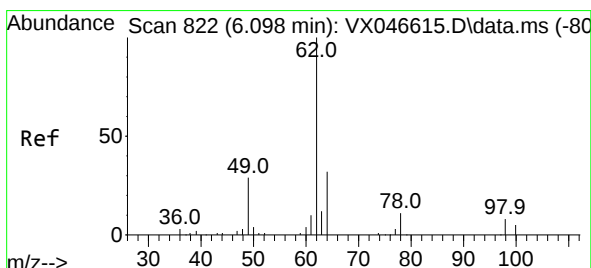
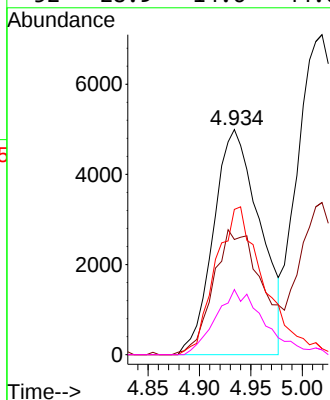
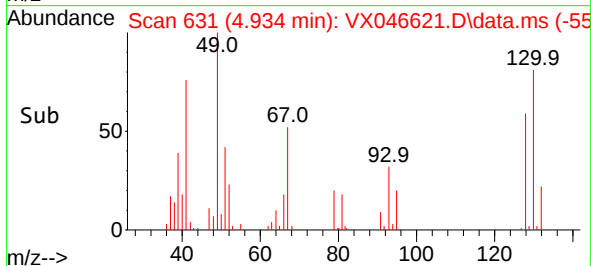
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 41 Resp: 15709
Ion Ratio Lower Upper
41 100
39 50.1 26.4 79.2
67 64.5 31.4 94.3
52 28.9 14.6 44.0

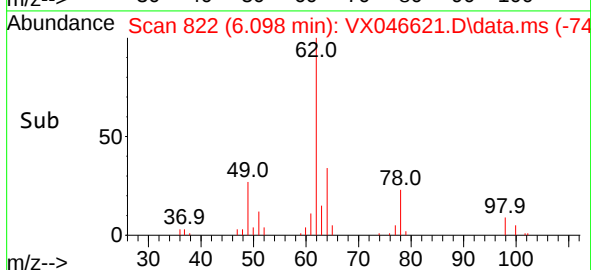
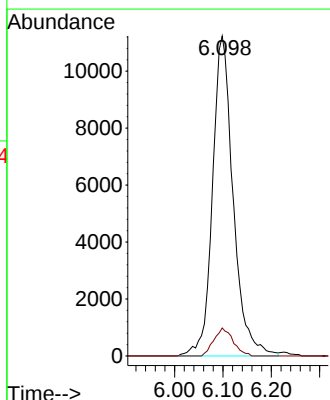
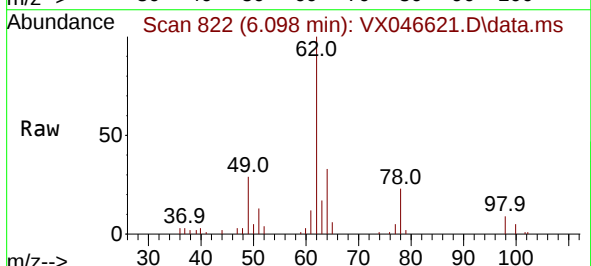
Manual Integrations
APPROVED

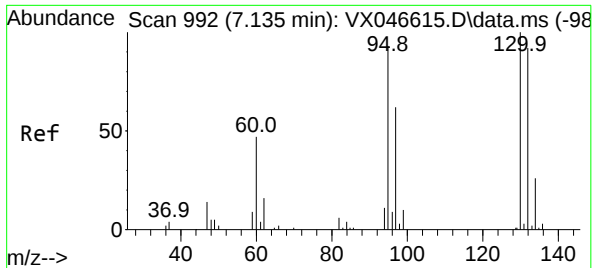
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#36
1,2-Dichloroethane
Concen: 18.336 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 62 Resp: 33348
Ion Ratio Lower Upper
62 100
98 8.1 6.5 9.7





#37

Trichloroethene

Concen: 17.575 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

Tgt Ion:130 Resp: 21199

Ion Ratio Lower Upper

130 100

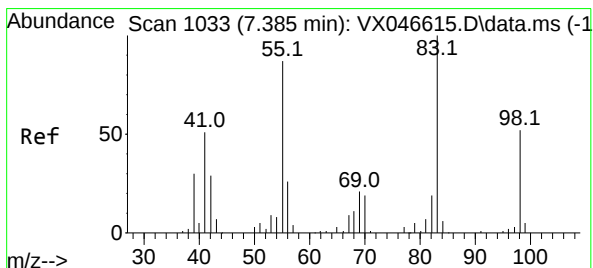
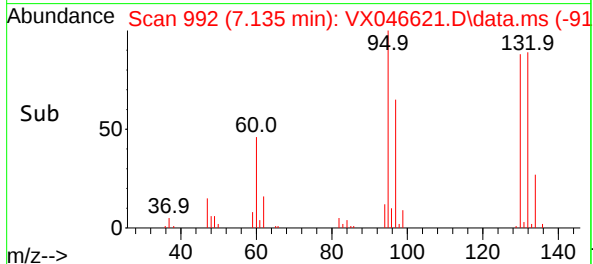
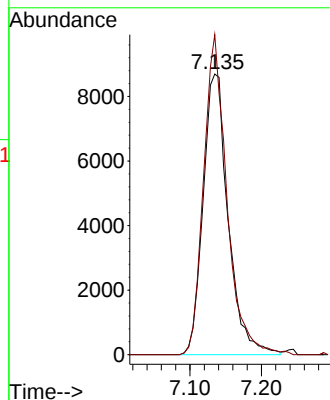
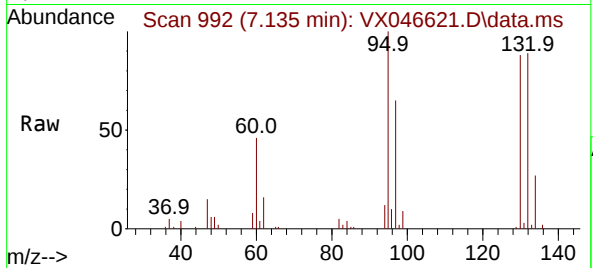
95 114.0 74.7 112.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#38

Methylcyclohexane

Concen: 18.033 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

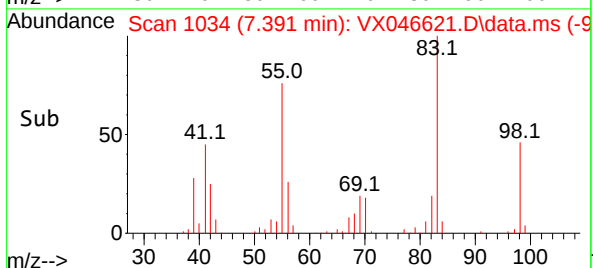
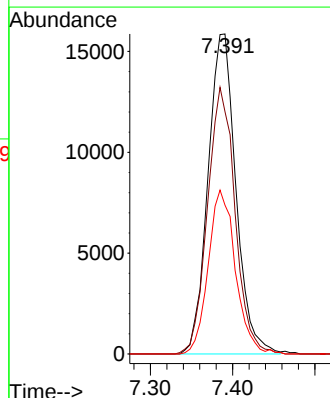
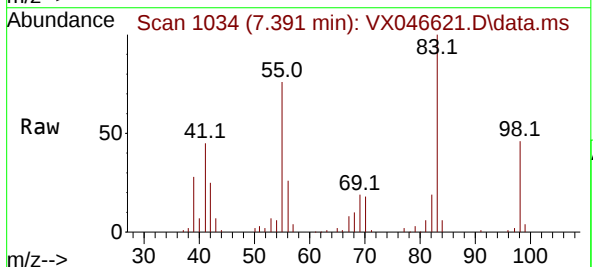
Tgt Ion: 83 Resp: 37451

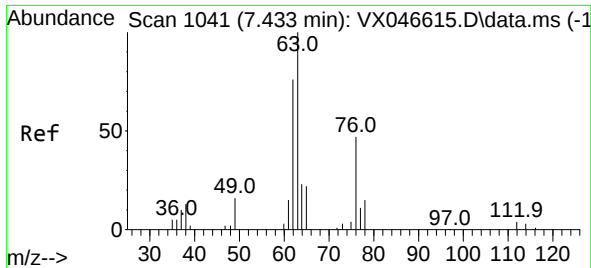
Ion Ratio Lower Upper

83 100

55 82.1 42.6 128.0

98 49.5 24.8 74.3





#39

1,2-Dichloropropane

Concen: 18.000 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

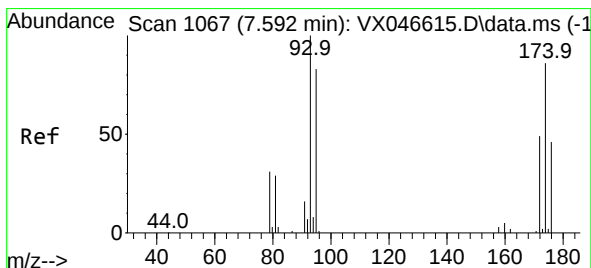
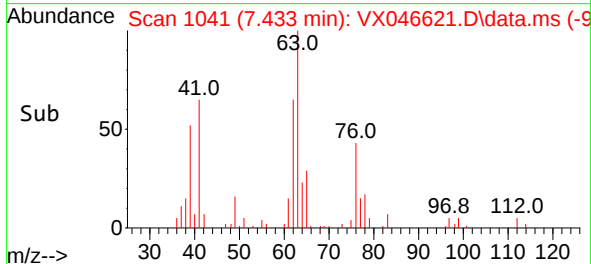
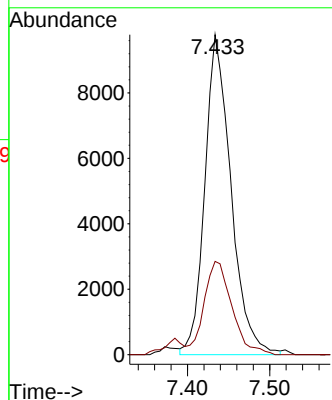
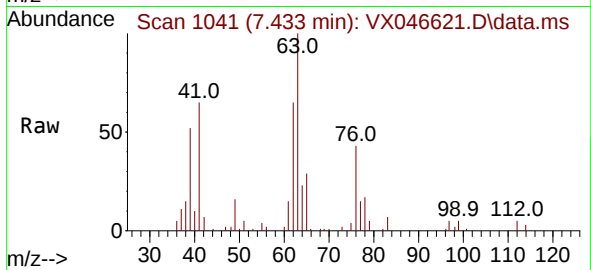
Tgt Ion: 63 Resp: 21584
 Ion Ratio Lower Upper
 63 100
 65 29.5 21.5 32.3

Manual Integrations

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Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#40

Dibromomethane

Concen: 17.832 ug/l

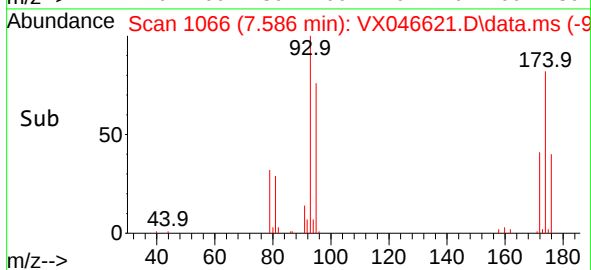
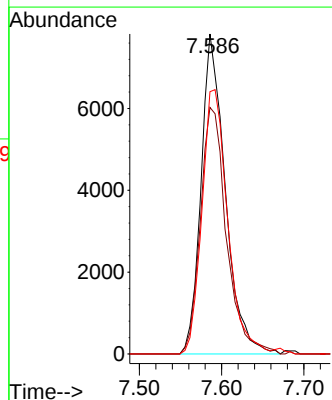
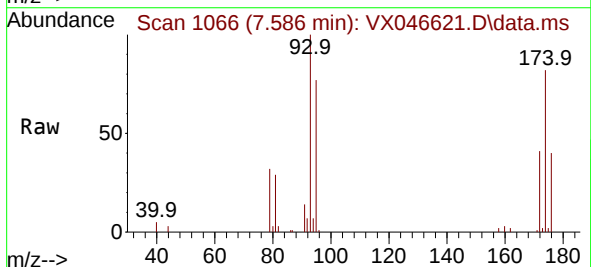
RT: 7.586 min Scan# 1066

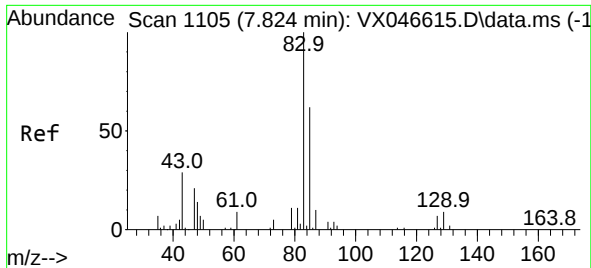
Delta R.T. -0.006 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Tgt Ion: 93 Resp: 15985
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 164.8
 174 88.0 0.0 176.0





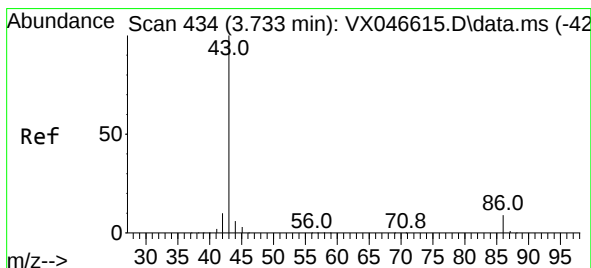
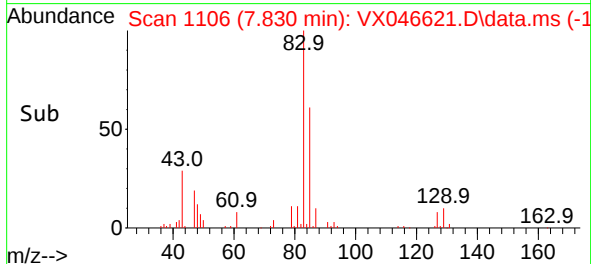
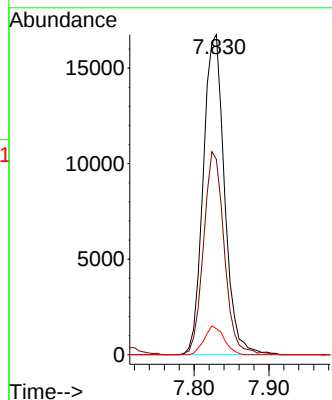
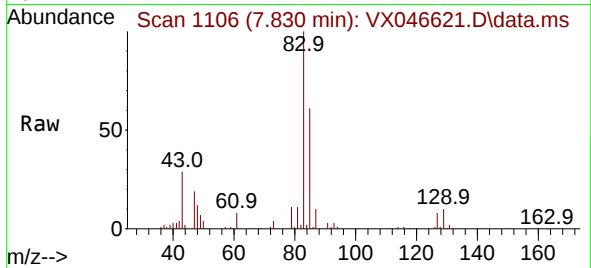
#41
Bromodichloromethane
Concen: 18.131 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 83 Resp: 3311
Ion Ratio Lower Upper
83 100
85 61.1 49.8 74.6
127 8.1 5.5 8.3

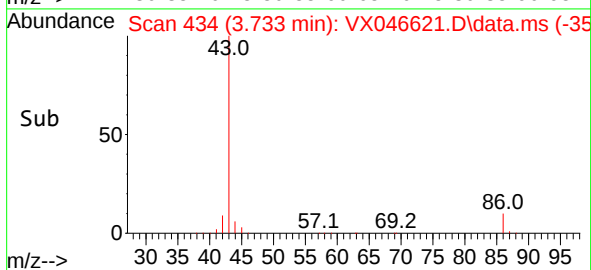
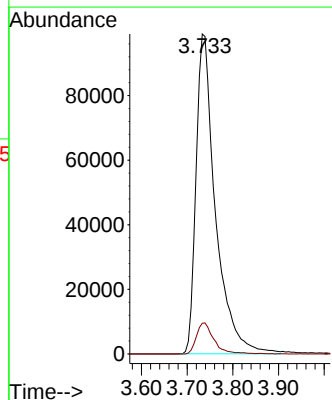
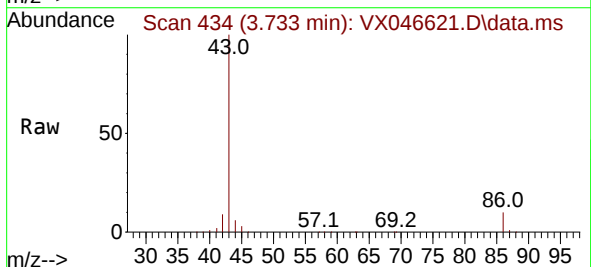
Manual Integrations
APPROVED

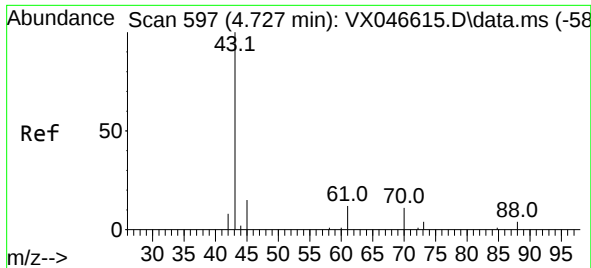
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#42
Vinyl Acetate
Concen: 92.970 ug/l
RT: 3.733 min Scan# 434
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

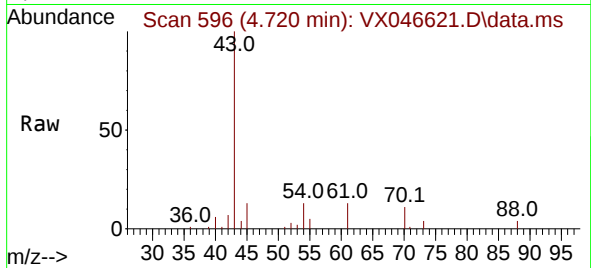
Tgt Ion: 43 Resp: 292460
Ion Ratio Lower Upper
43 100
86 8.7 6.4 9.6





#43
Ethyl Acetate
Concen: 17.908 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

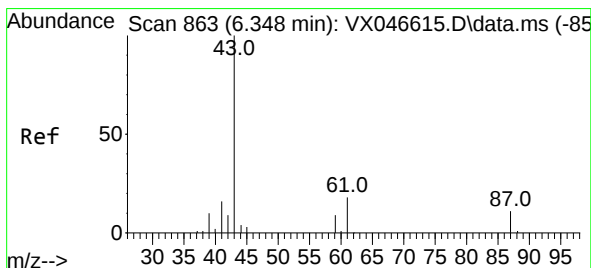
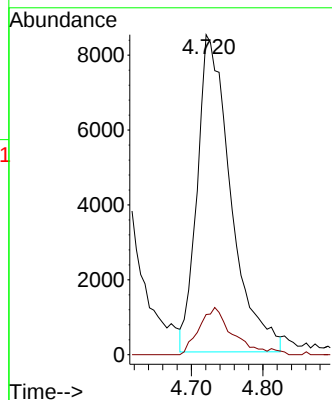
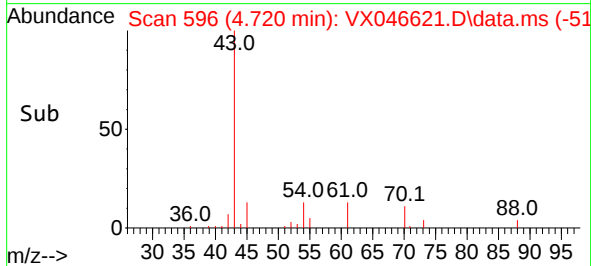
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 43 Resp: 27654
Ion Ratio Lower Upper
43 100
45 14.5 7.9 11.9

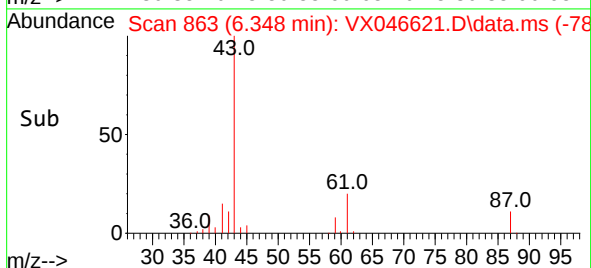
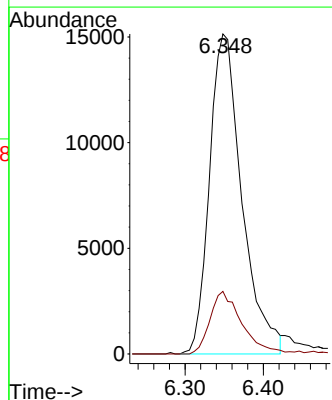
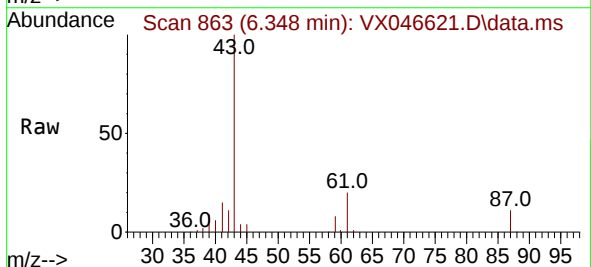
Manual Integrations
APPROVED

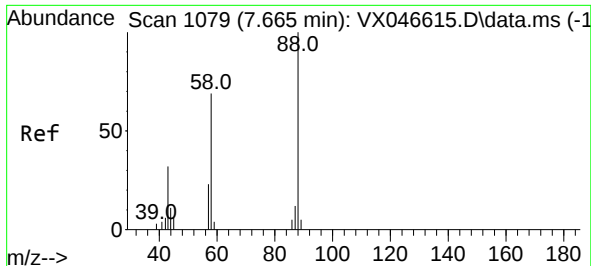
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Isopropyl Acetate
Concen: 18.012 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

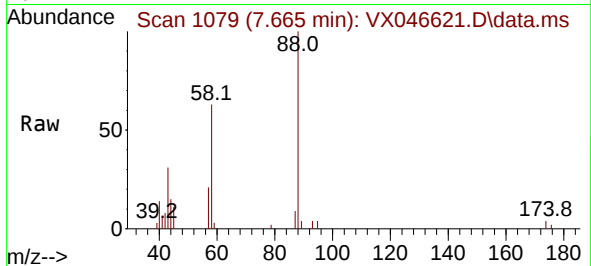
Tgt Ion: 43 Resp: 43509
Ion Ratio Lower Upper
43 100
61 19.1 15.0 22.4





#45
1,4-Dioxane
Concen: 366.160 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

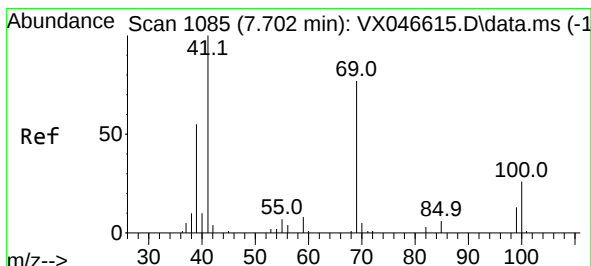
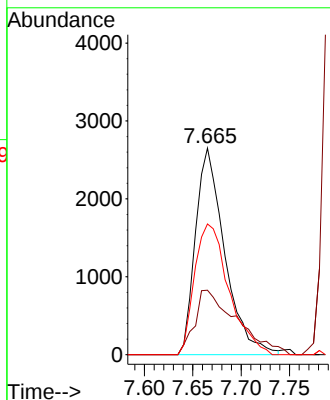
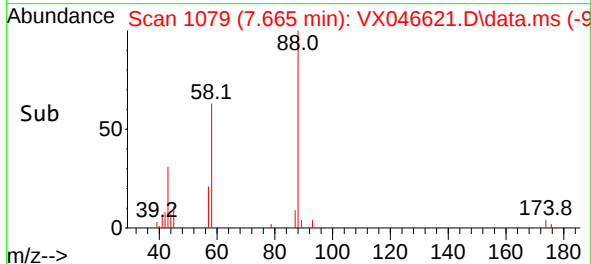
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



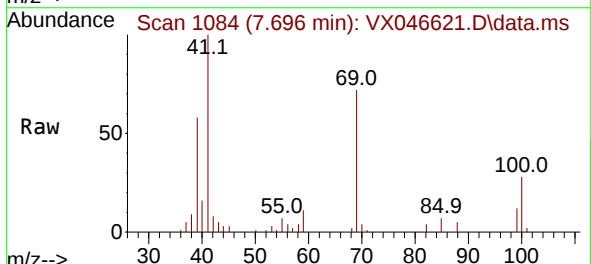
Tgt Ion: 88 Resp: 5579
Ion Ratio Lower Upper
88 100
43 45.0 21.6 32.4
58 74.2 60.8 91.2

Manual Integrations
APPROVED

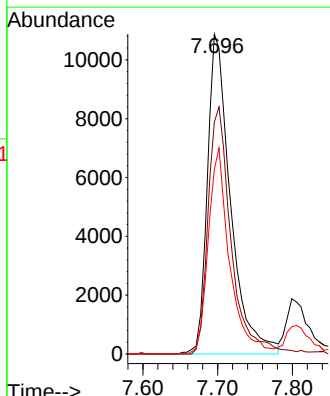
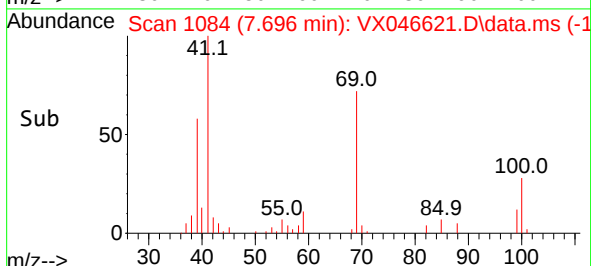
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

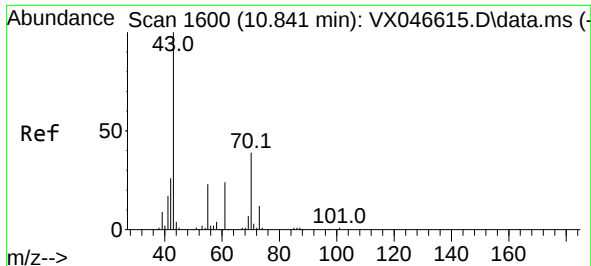


#46
Methyl methacrylate
Concen: 17.748 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



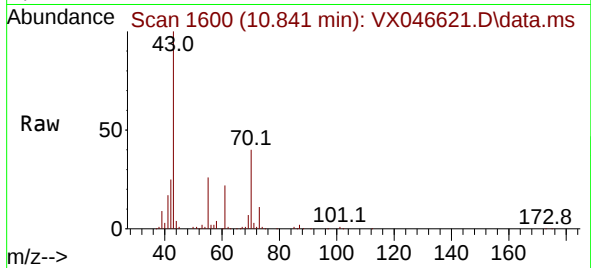
Tgt Ion: 41 Resp: 23408
Ion Ratio Lower Upper
41 100
69 72.5 38.7 116.1
39 57.7 27.7 83.1





#47
n-amy1 Acetate
Concen: 18.792 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

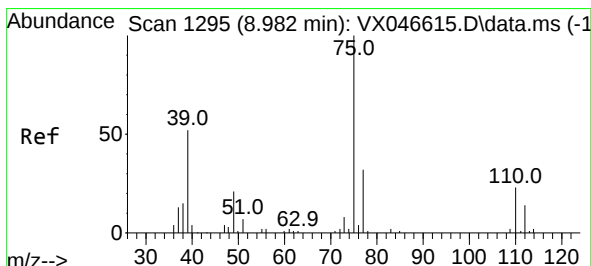
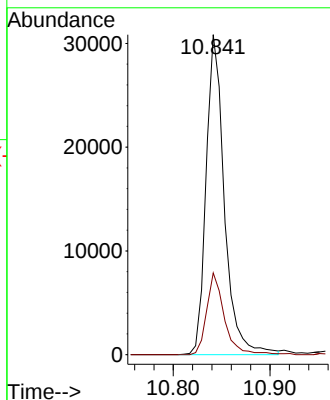
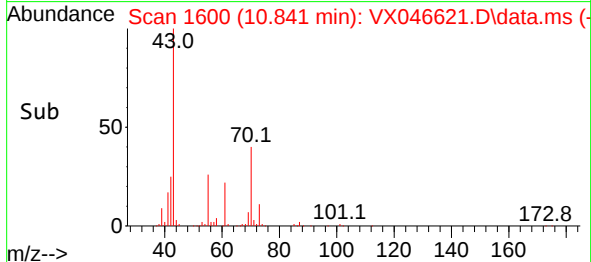
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 43 Resp: 4060
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.2

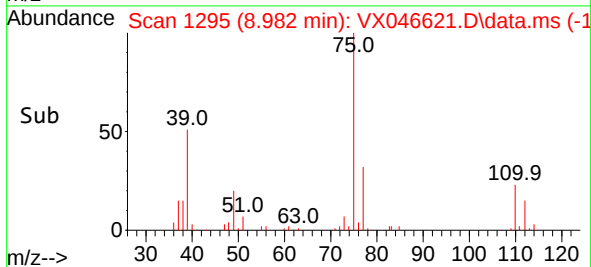
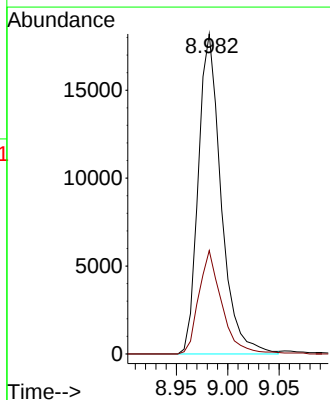
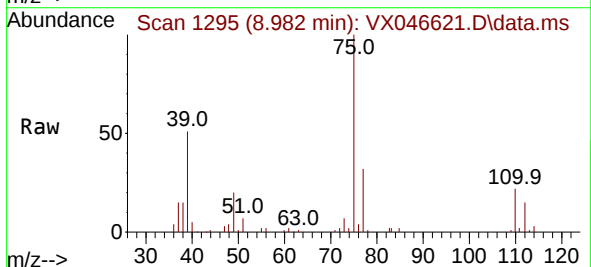
Manual Integrations
APPROVED

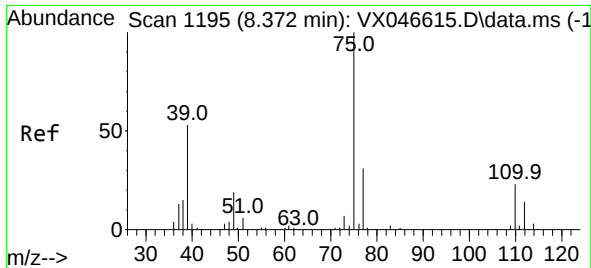
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
t-1,3-Dichloropropene
Concen: 17.237 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 75 Resp: 28220
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 17.957 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

Tgt Ion: 75 Resp: 3282

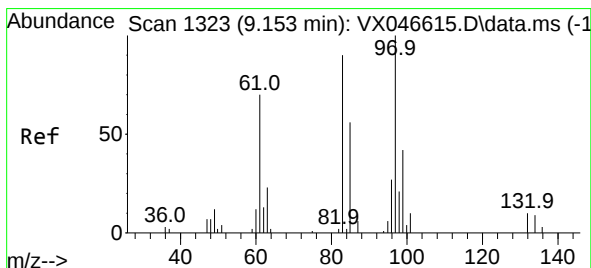
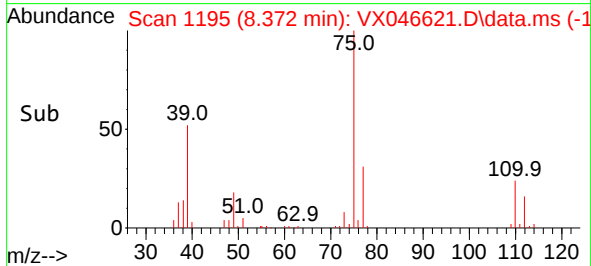
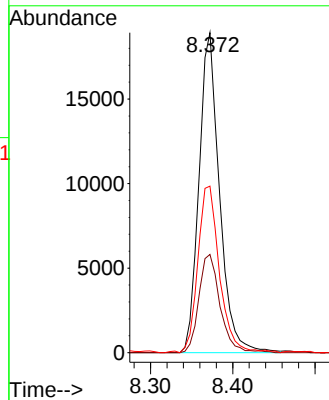
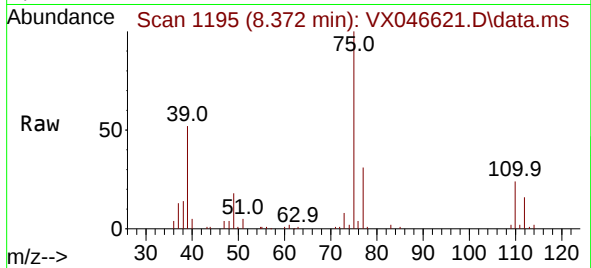
Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	52.1	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#50

1,1,2-Trichloroethane

Concen: 18.382 ug/l

RT: 9.153 min Scan# 1323

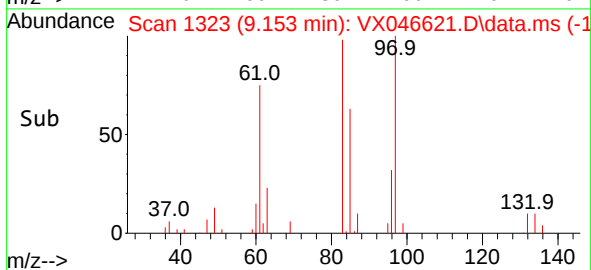
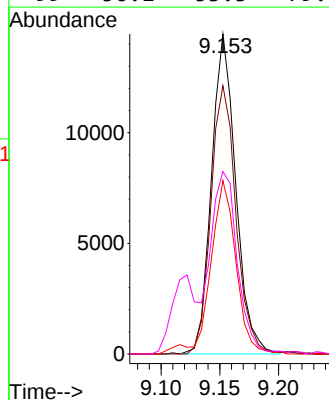
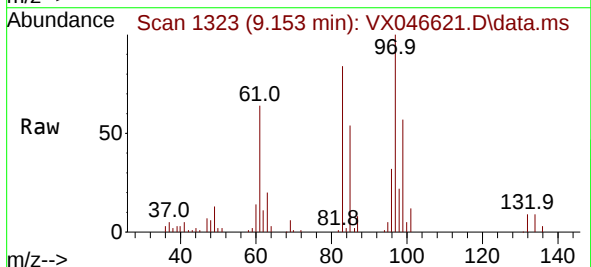
Delta R.T. -0.000 min

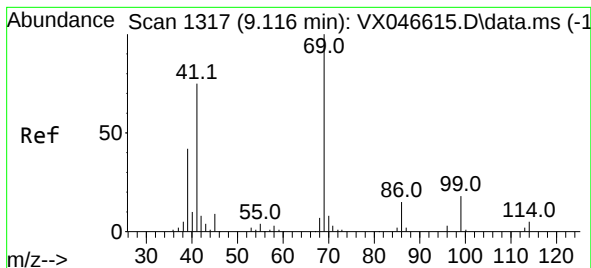
Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Tgt Ion: 97 Resp: 20768

Ion	Ratio	Lower	Upper
97	100		
83	83.8	72.1	108.1
85	53.5	47.5	71.3
99	56.1	53.3	79.9





#51

Ethyl methacrylate

Concen: 17.760 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

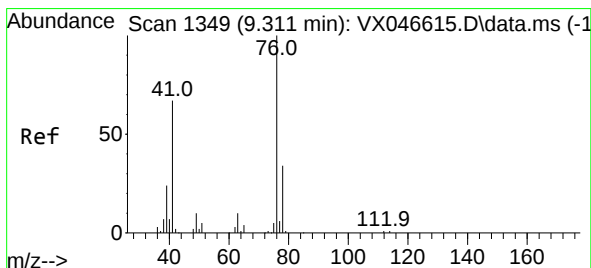
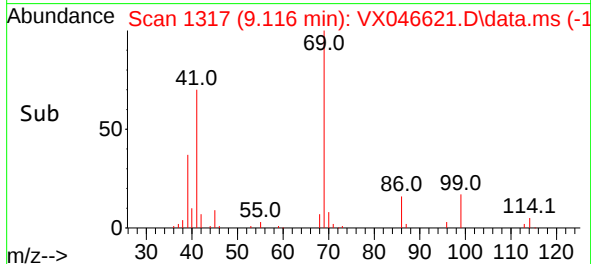
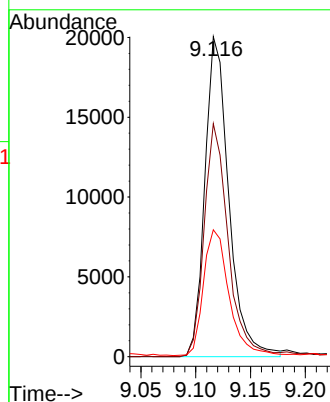
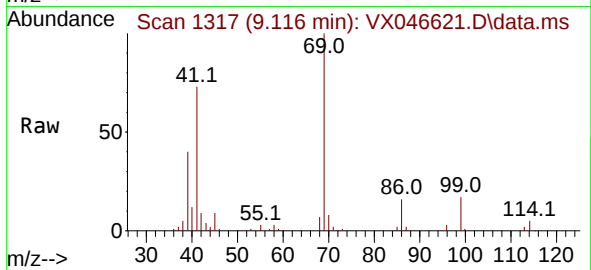
Tgt Ion: 69 Resp: 30509
 Ion Ratio Lower Upper
 69 100
 41 72.8 37.4 112.2
 39 39.2 20.8 62.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#52

1,3-Dichloropropane

Concen: 18.307 ug/l

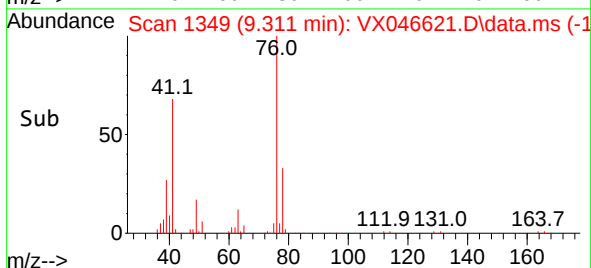
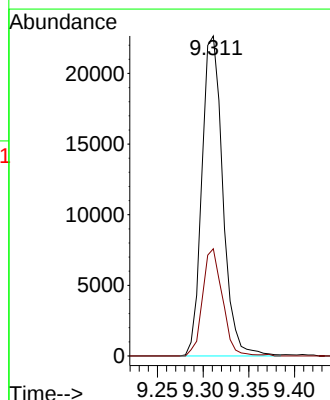
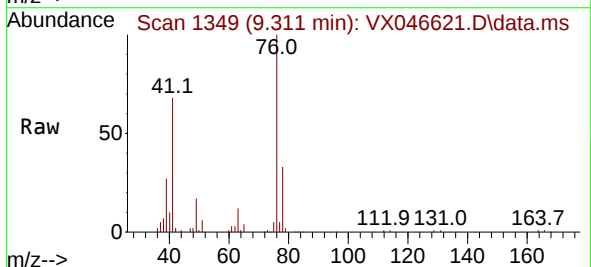
RT: 9.311 min Scan# 1349

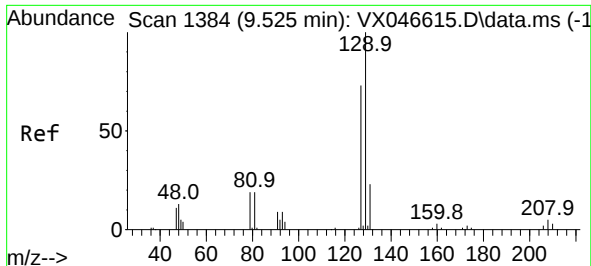
Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

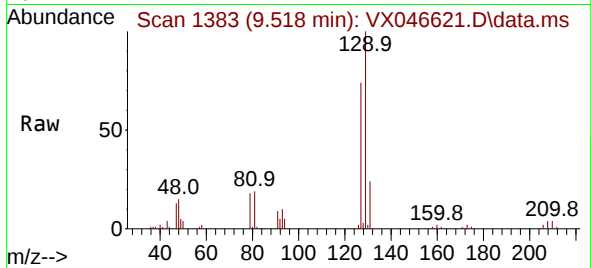
Tgt Ion: 76 Resp: 36026
 Ion Ratio Lower Upper
 76 100
 78 31.7 0.0 62.6





#53
Dibromochloromethane
Concen: 18.367 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

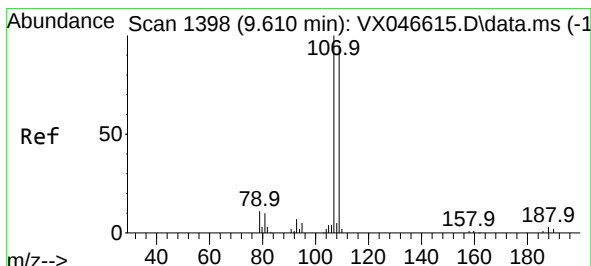
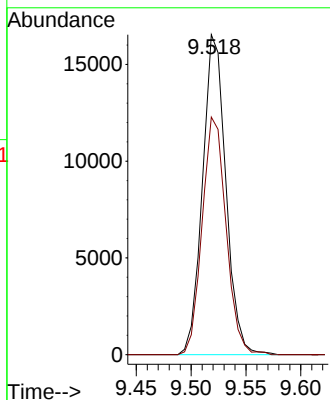
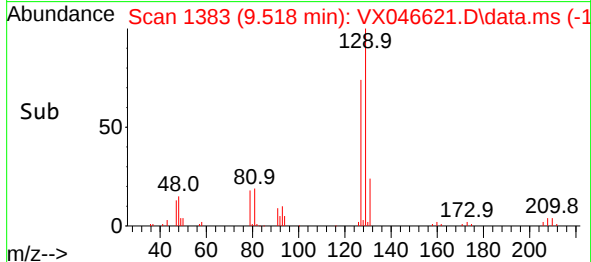
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion:129 Resp: 24458
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.9

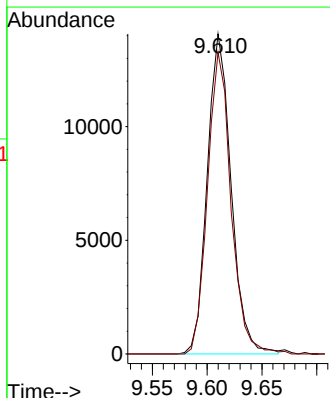
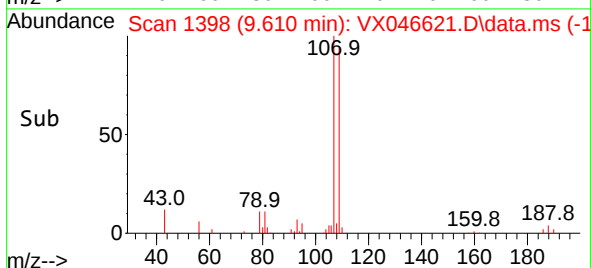
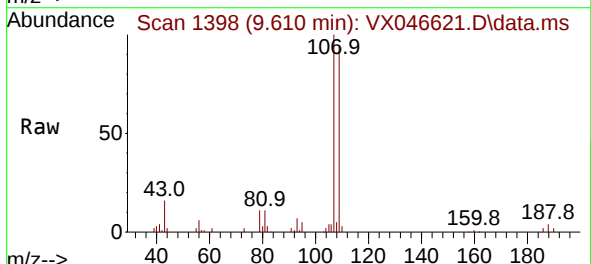
Manual Integrations
APPROVED

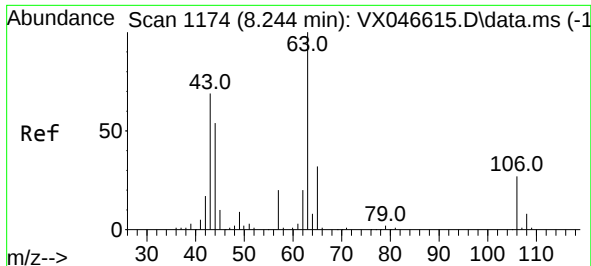
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
1,2-Dibromoethane
Concen: 17.979 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion:107 Resp: 21366
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 101.191 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

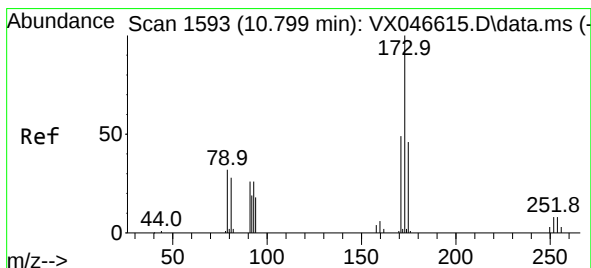
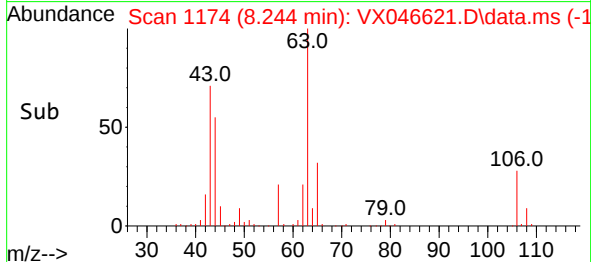
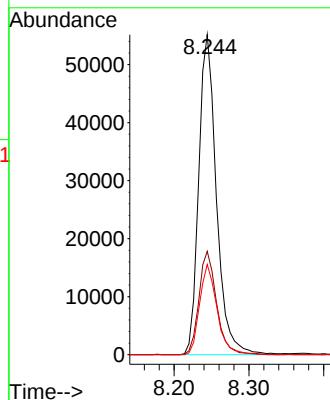
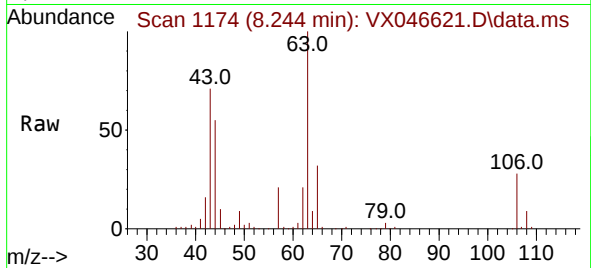
Tgt Ion:	63	Resp:	90784
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.2	37.8
106	27.7	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#56

Bromoform

Concen: 17.599 ug/l

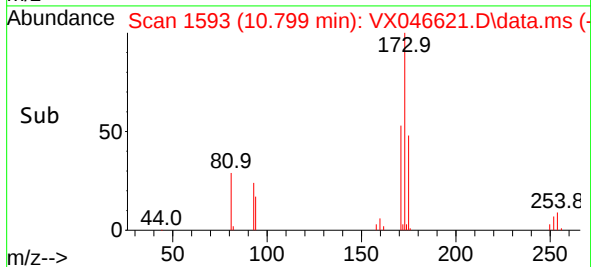
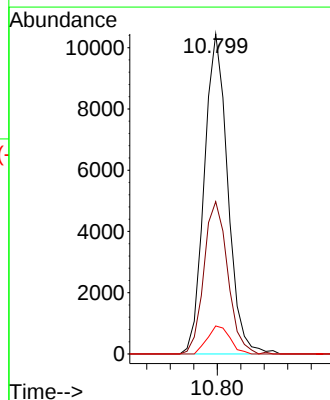
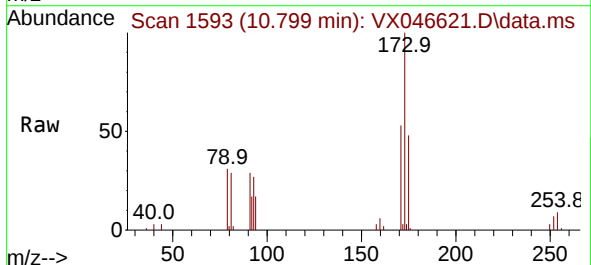
RT: 10.799 min Scan# 1593

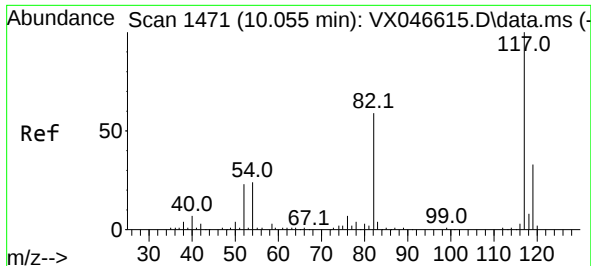
Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

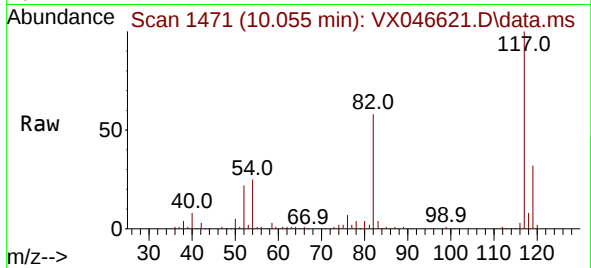
Tgt Ion:	173	Resp:	14483
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.0	57.0
254	8.4	6.7	10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

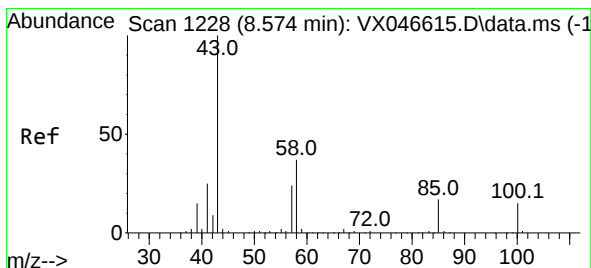
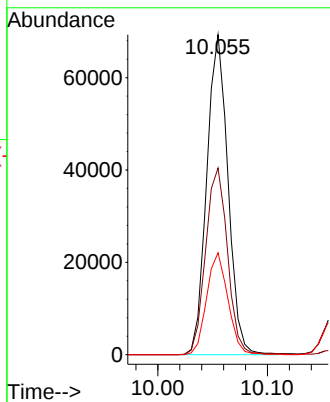
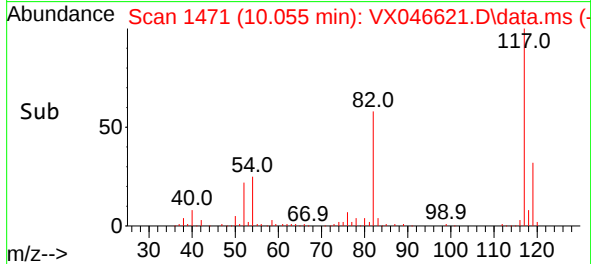
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 117 Resp: 9314
Ion Ratio Lower Upper
117 100
82 60.1 46.5 69.7
119 31.9 25.8 38.6

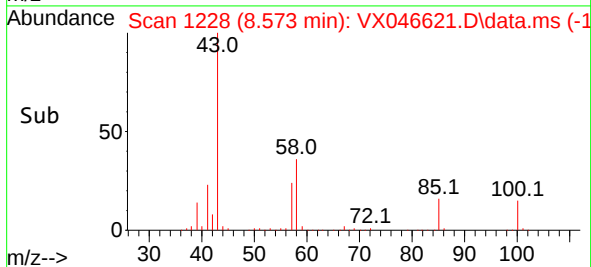
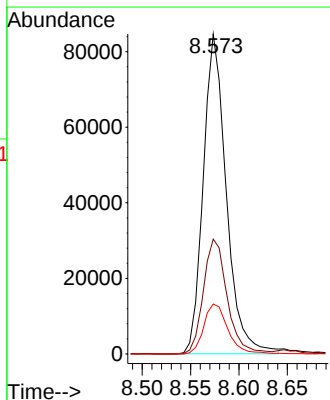
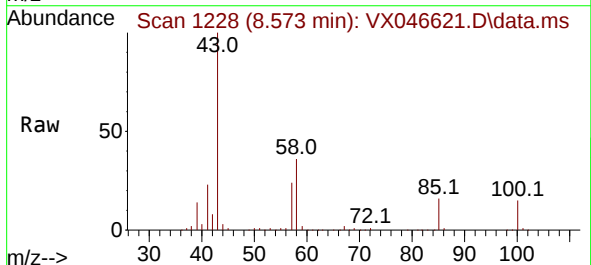
Manual Integrations
APPROVED

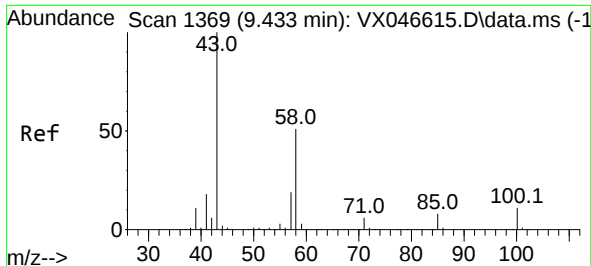
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#58
4-Methyl-2-Pentanone
Concen: 92.485 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

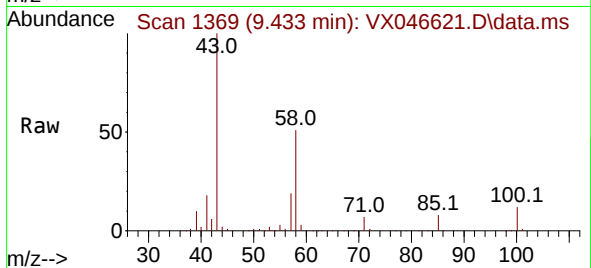
Tgt Ion: 43 Resp: 140128
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2
85 16.4 13.3 19.9





#59
2-Hexanone
Concen: 92.843 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

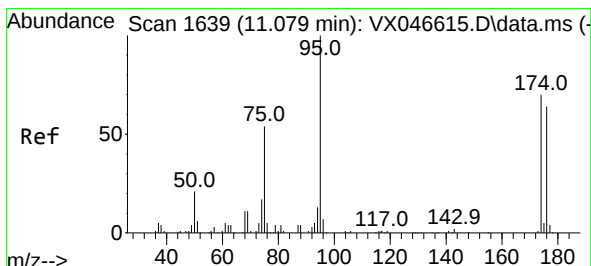
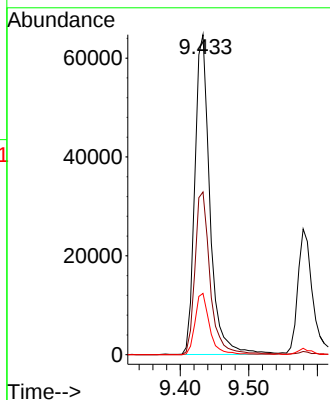
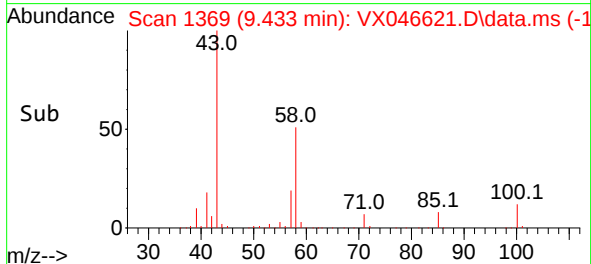
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 43 Resp: 99238
Ion Ratio Lower Upper
43 100
58 51.0 39.8 59.8
57 18.3 14.5 21.7

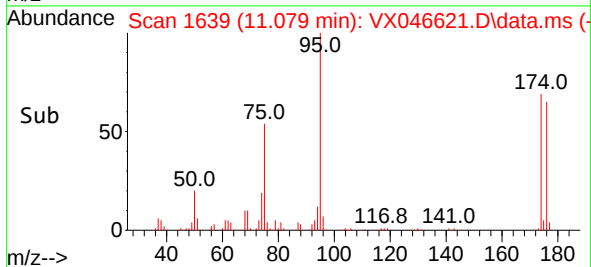
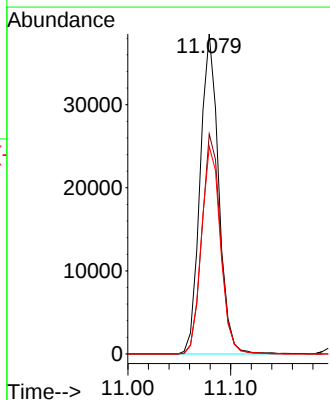
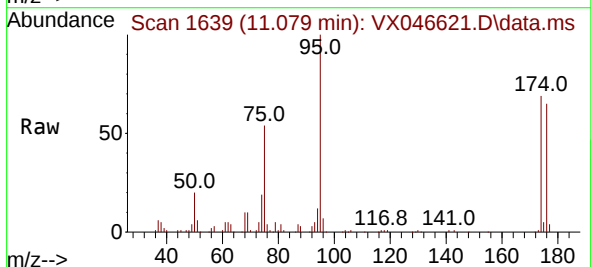
Manual Integrations
APPROVED

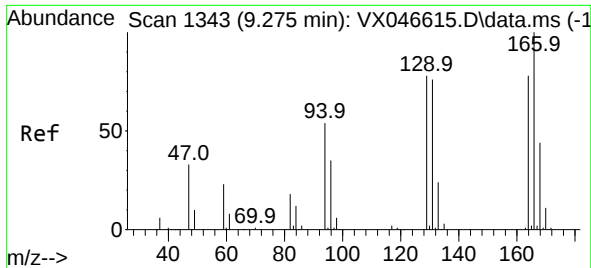
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#60
4-Bromofluorobenzene
Concen: 30.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

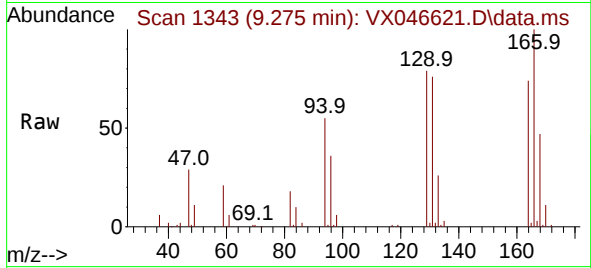
Tgt Ion: 95 Resp: 48257
Ion Ratio Lower Upper
95 100
174 69.7 56.0 84.0
176 66.9 52.2 78.4





#61
Tetrachloroethene
Concen: 17.943 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

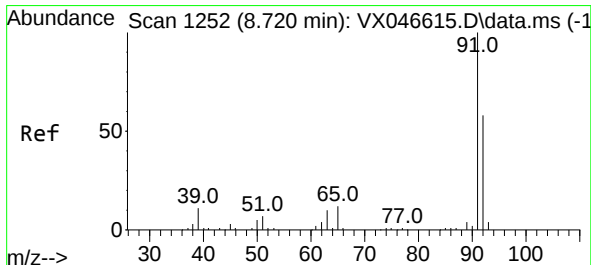
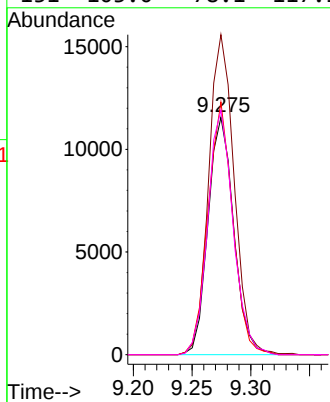
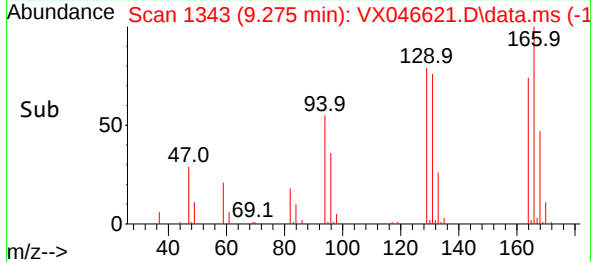
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



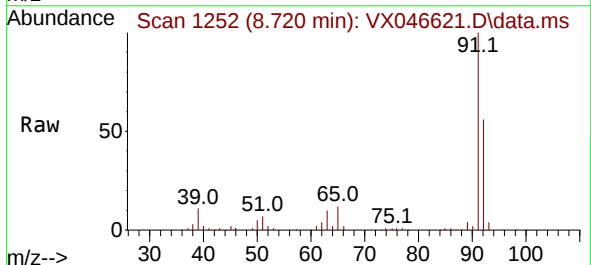
Tgt Ion:164 Resp: 17510
Ion Ratio Lower Upper
164 100
166 134.8 103.1 154.7
129 106.4 80.3 120.5
131 103.0 78.1 117.1

Manual Integrations
APPROVED

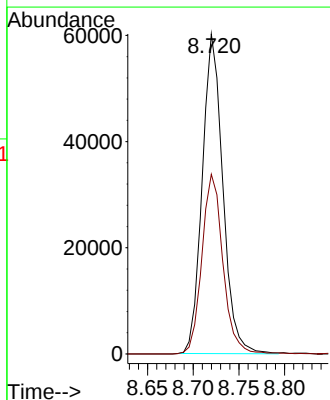
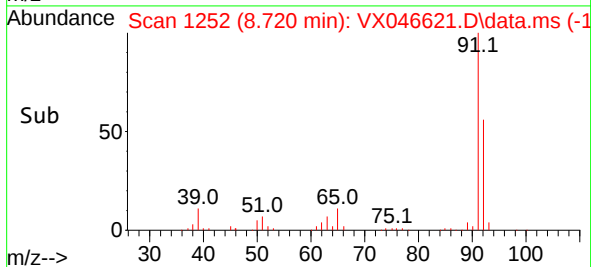
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

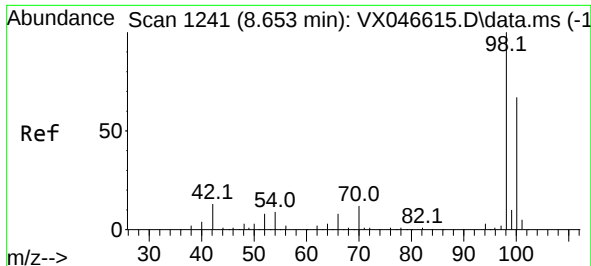


#62
Toluene
Concen: 18.696 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



Tgt Ion: 91 Resp: 94378
Ion Ratio Lower Upper
91 100
92 57.3 46.8 70.2





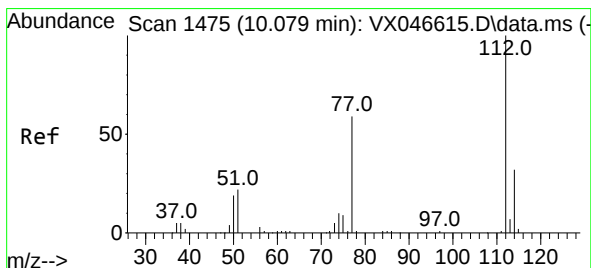
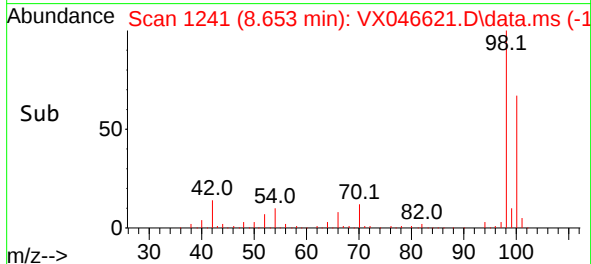
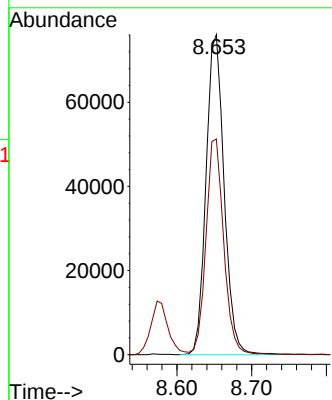
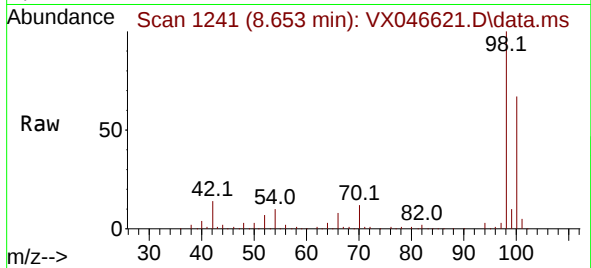
#63
Toluene-d8
Concen: 30.658 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 98 Resp: 12755
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0

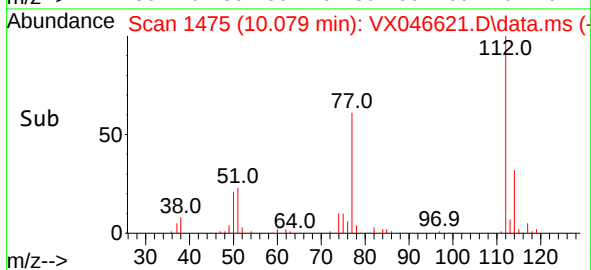
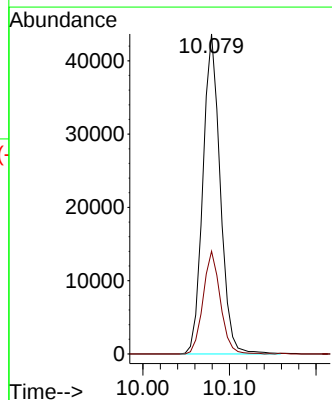
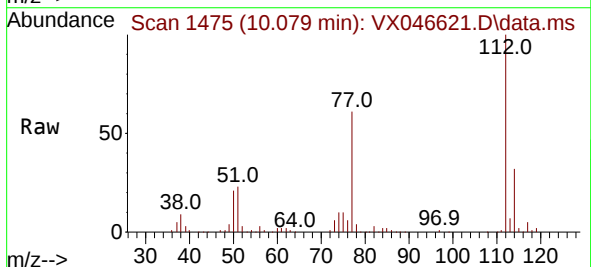
Manual Integrations
APPROVED

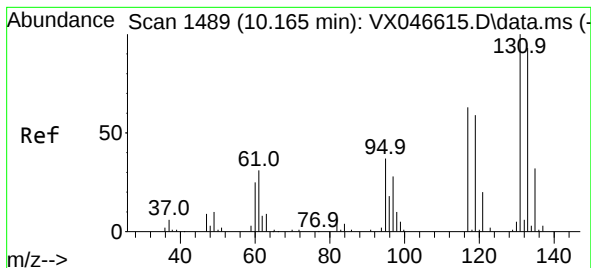
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Chlorobenzene
Concen: 18.646 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

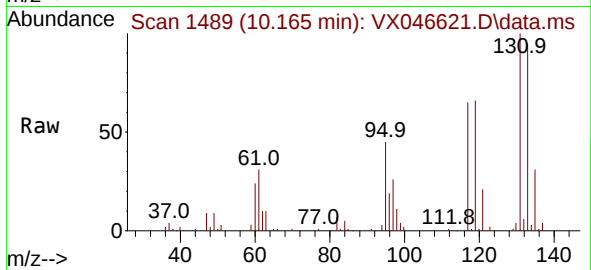
Tgt Ion:112 Resp: 60711
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.966 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

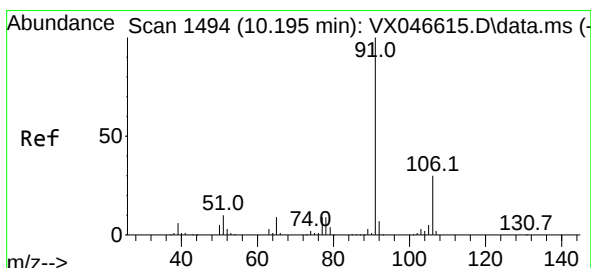
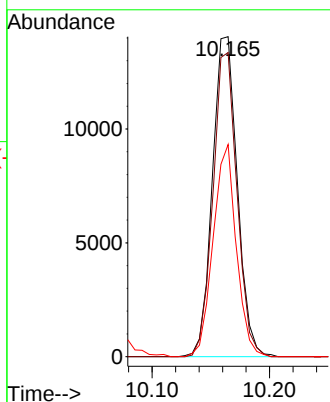
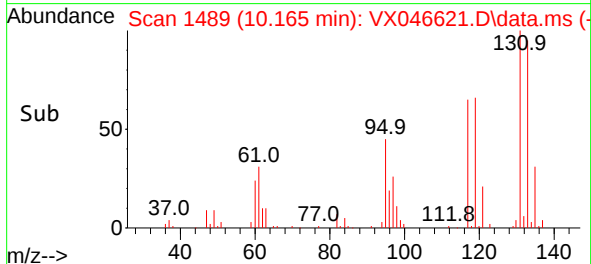
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion:131 Resp: 2069
Ion Ratio Lower Upper
131 100
133 91.8 0.0 190.6
119 61.7 0.0 131.2

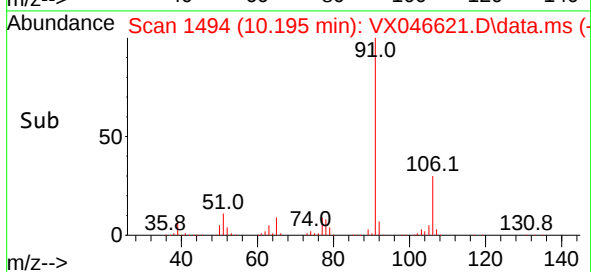
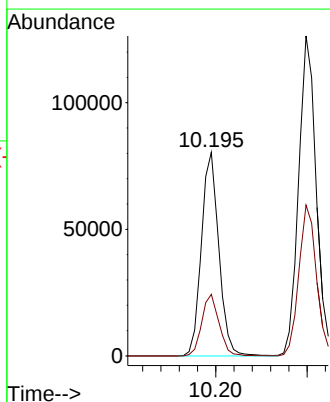
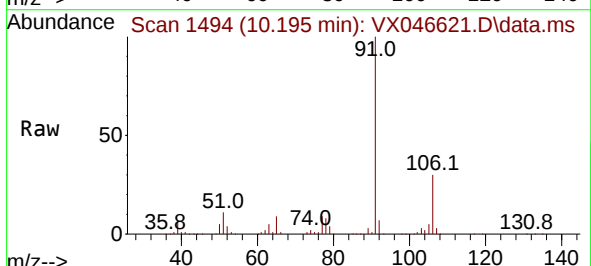
Manual Integrations
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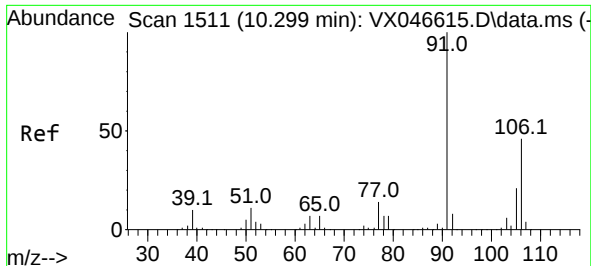
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#66
Ethyl Benzene
Concen: 18.504 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 91 Resp: 106657
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9





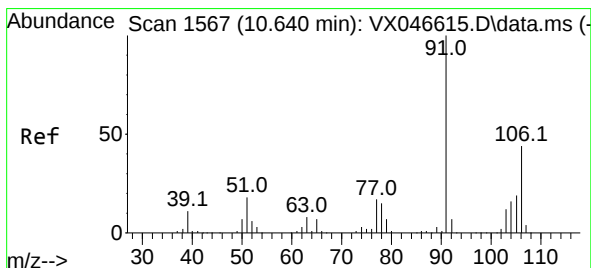
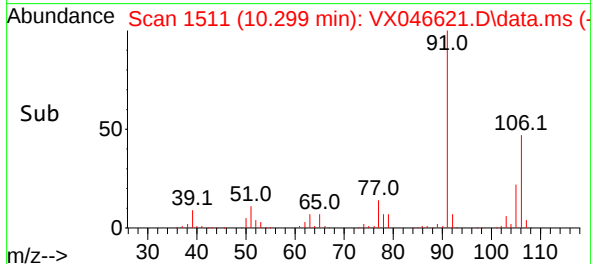
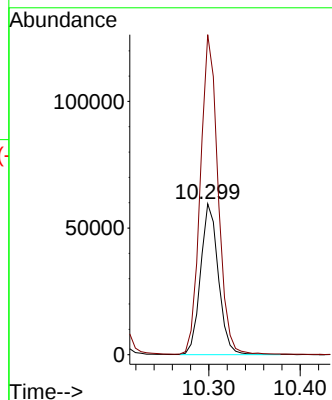
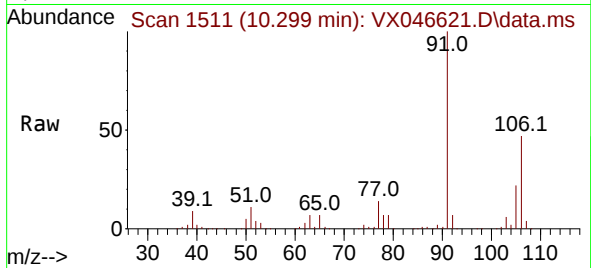
#67
m/p-Xylenes
Concen: 37.787 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion:106 Resp: 8056
Ion Ratio Lower Upper
106 100
91 209.9 171.5 257.3

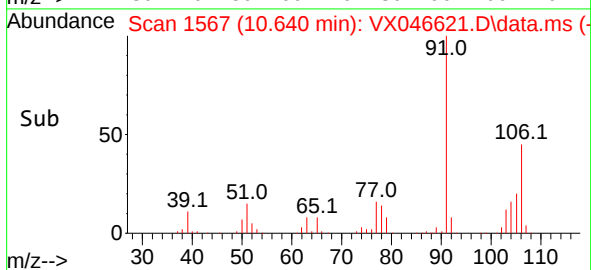
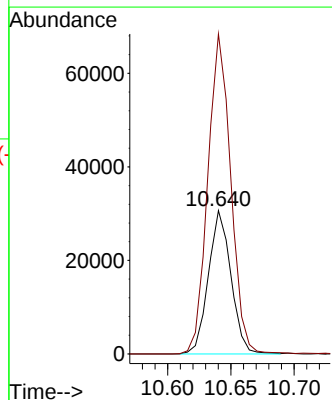
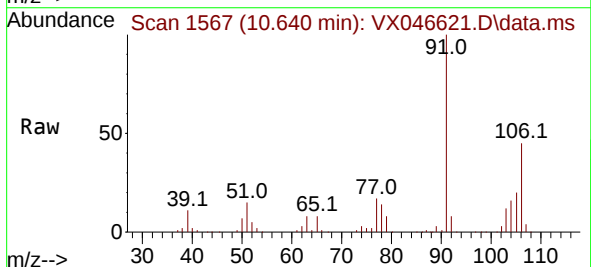
Manual Integrations
APPROVED

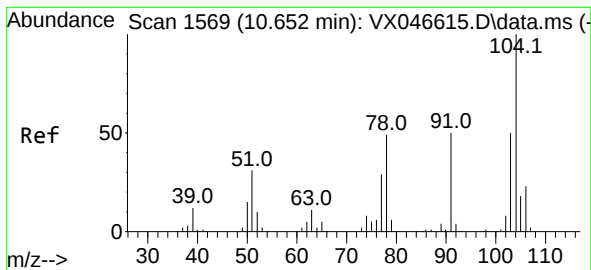
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
o-Xylene
Concen: 18.574 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion:106 Resp: 38128
Ion Ratio Lower Upper
106 100
91 226.8 112.3 336.9





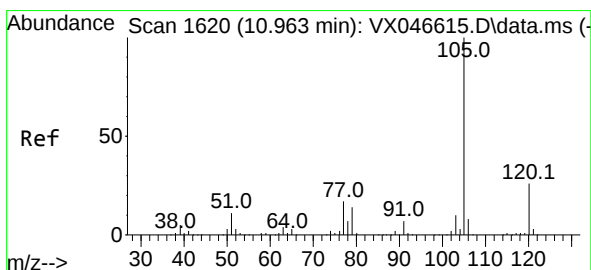
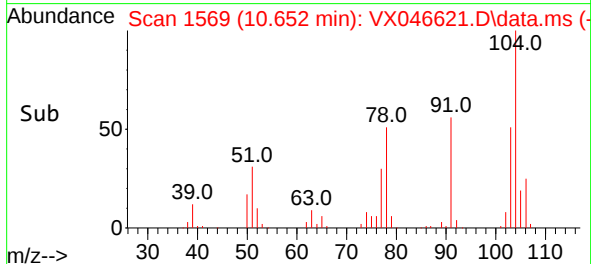
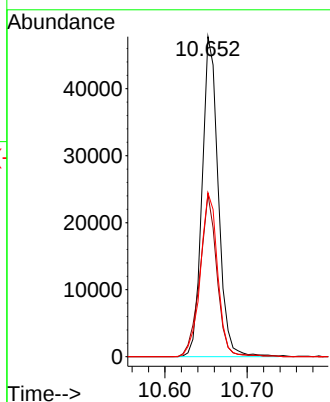
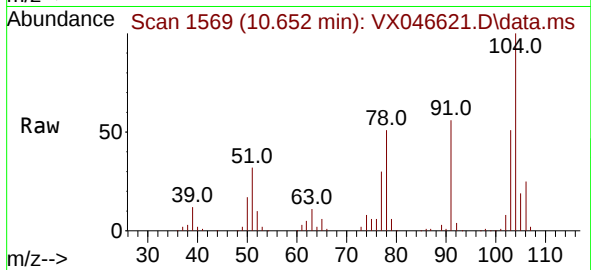
#69
Styrene
Concen: 18.577 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion:104 Resp: 65364
Ion Ratio Lower Upper
104 100
78 53.6 43.1 64.7
103 54.9 42.9 64.3

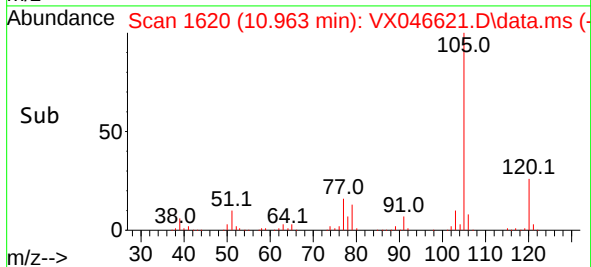
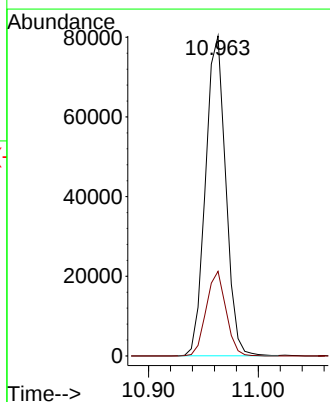
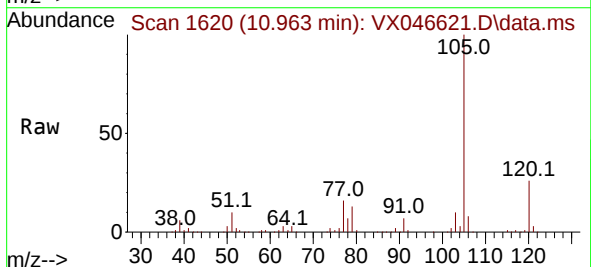
Manual Integrations
APPROVED

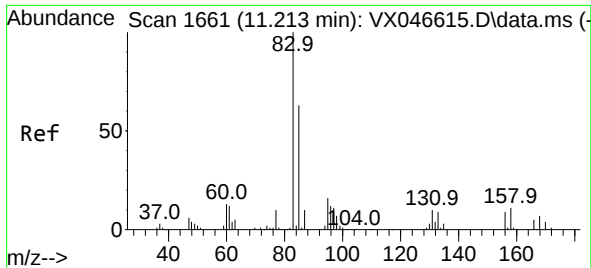
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Isopropylbenzene
Concen: 18.684 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

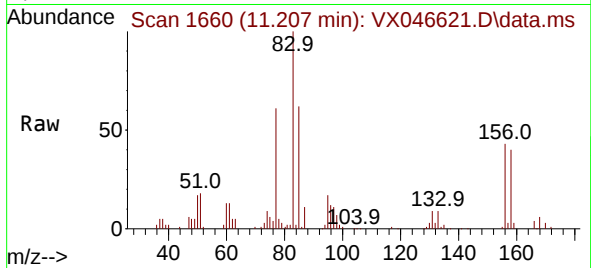
Tgt Ion:105 Resp: 102929
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.764 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

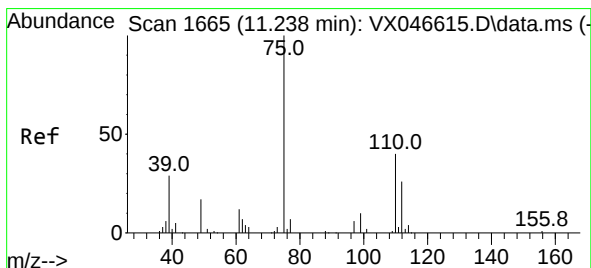
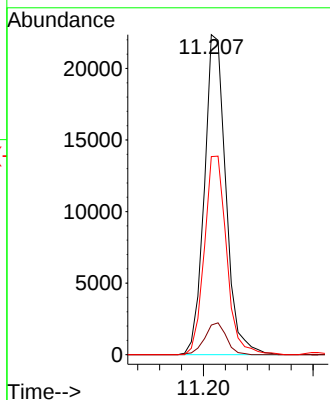
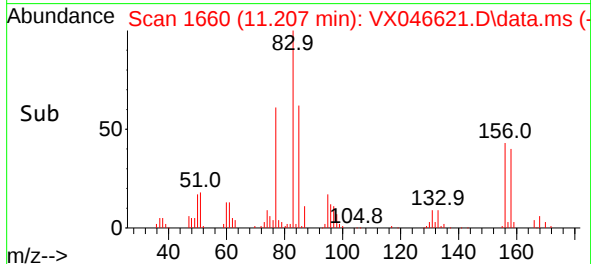
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 83 Resp: 3036
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.1 31.5 94.5

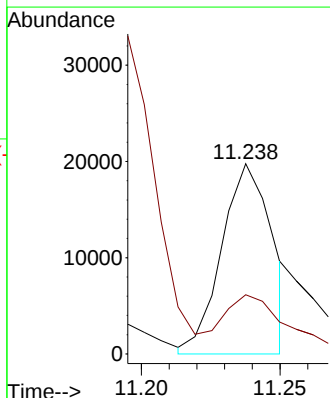
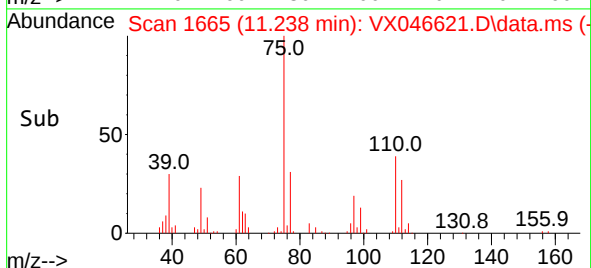
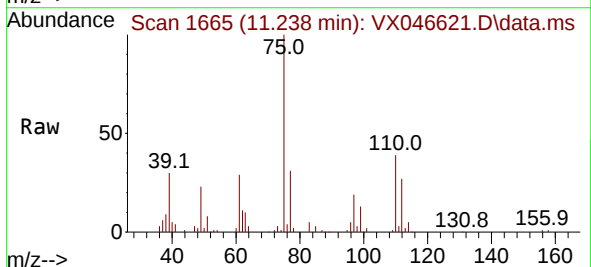
Manual Integrations
APPROVED

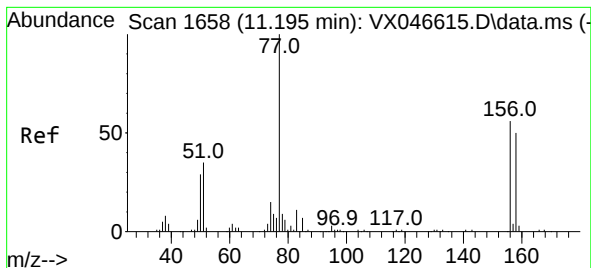
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#72
1,2,3-Trichloropropane
Concen: 18.499 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion: 75 Resp: 24991
Ion Ratio Lower Upper
75 100
77 41.7 0.0 82.6





#73

Bromobenzene

Concen: 18.450 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

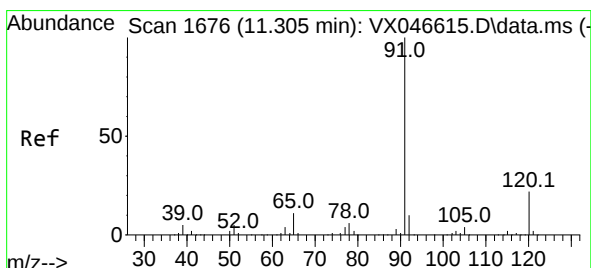
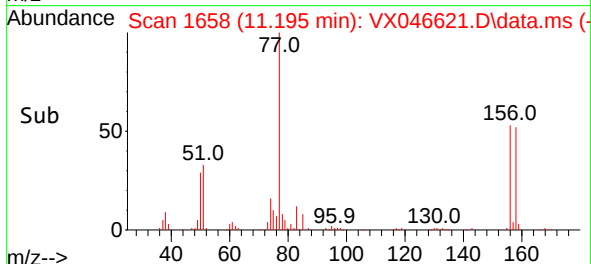
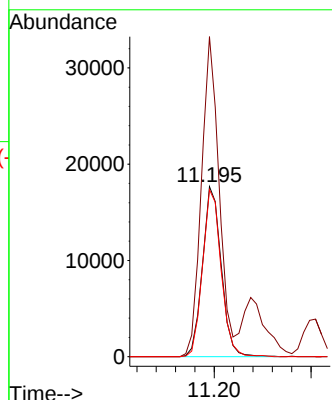
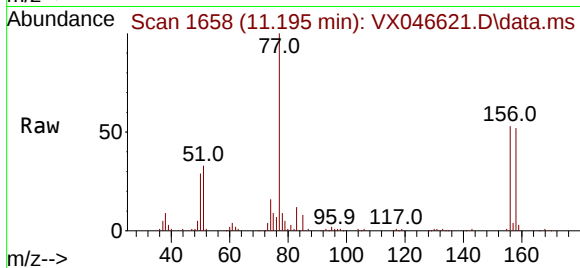
Tgt Ion:	156	Resp:	23824
Ion Ratio	Lower	Upper	
156	100		
77	177.0	0.0	358.6
158	97.2	0.0	192.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#74

n-propylbenzene

Concen: 18.916 ug/l

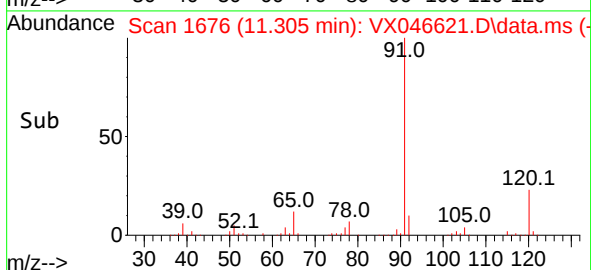
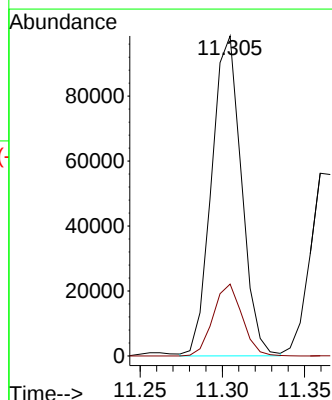
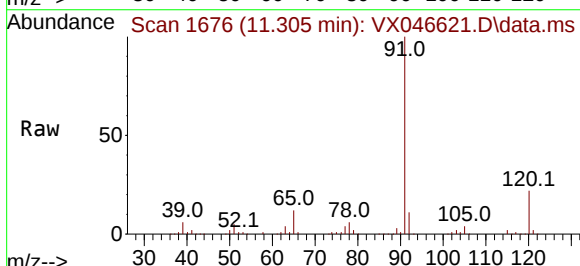
RT: 11.305 min Scan# 1676

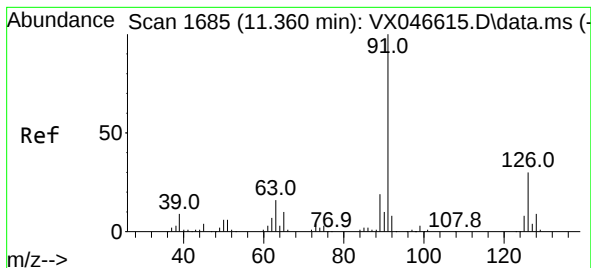
Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Tgt Ion:	91	Resp:	124603
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	43.8





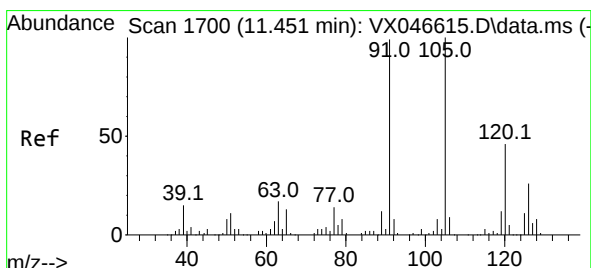
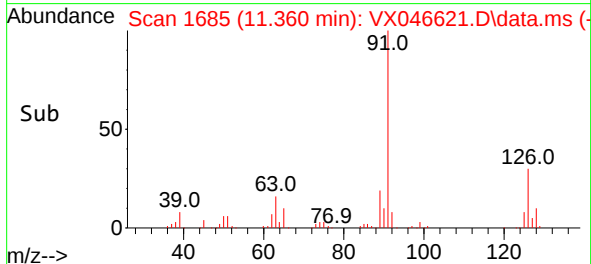
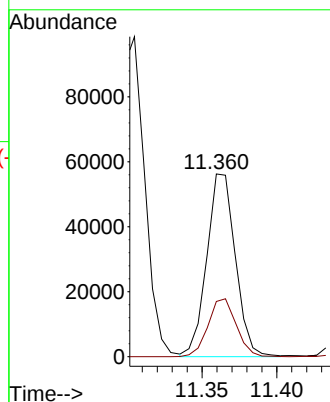
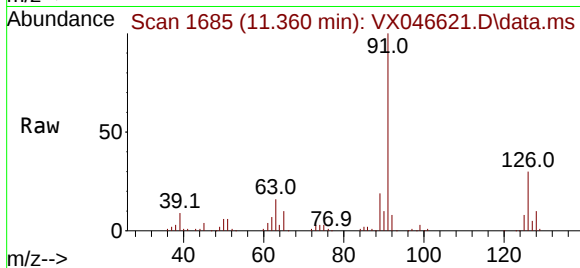
#75
2-Chlorotoluene
Concen: 19.025 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 91 Resp: 75020
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.0

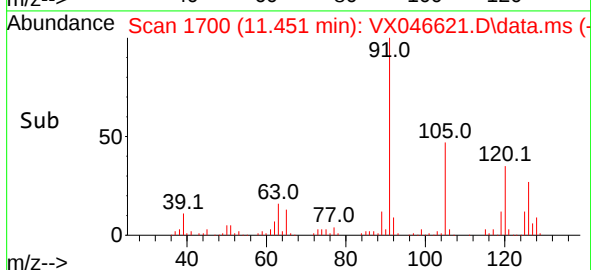
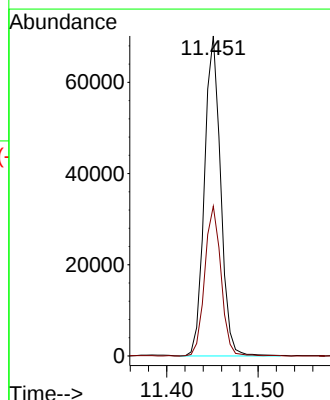
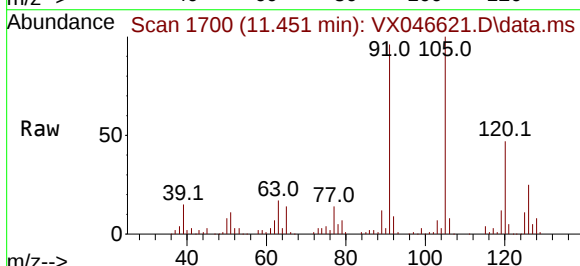
Manual Integrations
APPROVED

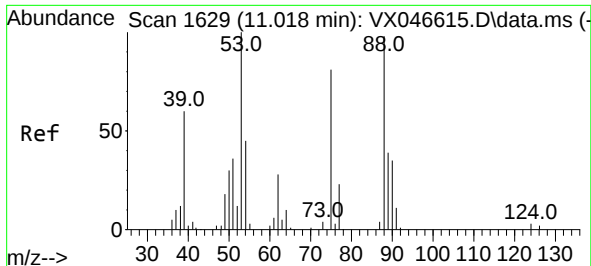
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.880 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

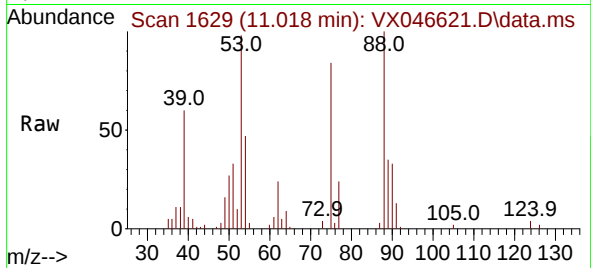
Tgt Ion:105 Resp: 86417
Ion Ratio Lower Upper
105 100
120 46.9 0.0 92.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.635 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

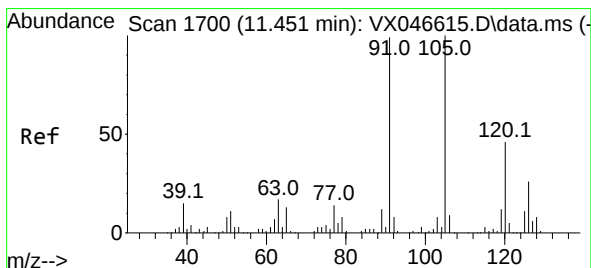
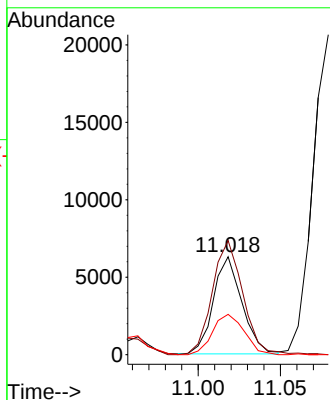
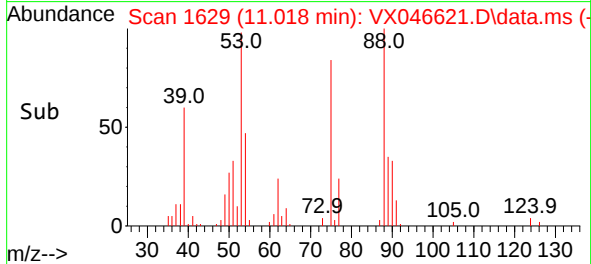
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion: 75 Resp: 7592
Ion Ratio Lower Upper
75 100
53 117.5 61.9 185.7
89 41.6 24.0 72.0

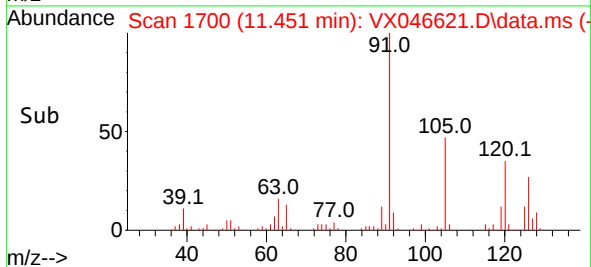
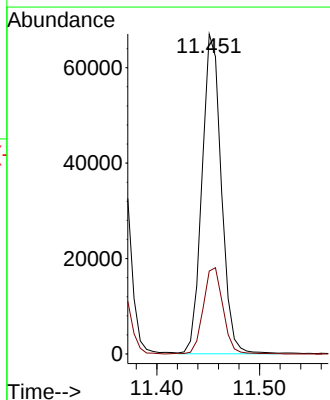
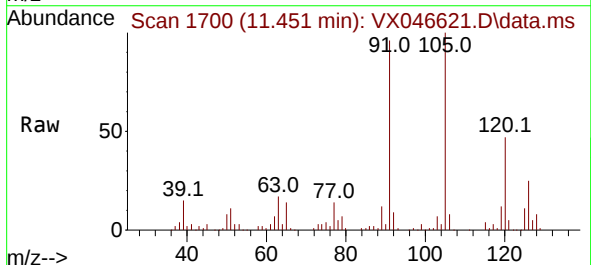
Manual Integrations
APPROVED

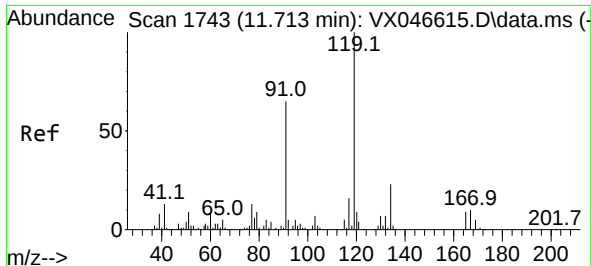
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
4-Chlorotoluene
Concen: 19.225 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

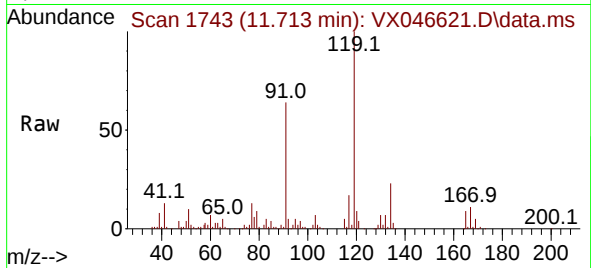
Tgt Ion: 91 Resp: 87714
Ion Ratio Lower Upper
91 100
126 27.4 0.0 55.0





#79
tert-butylbenzene
Concen: 18.956 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

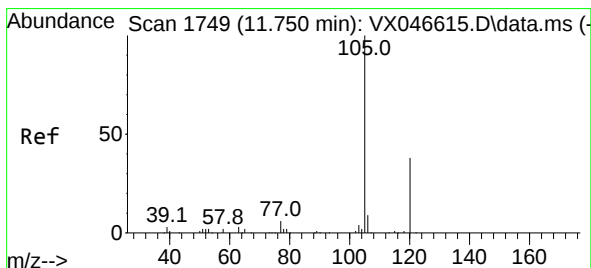
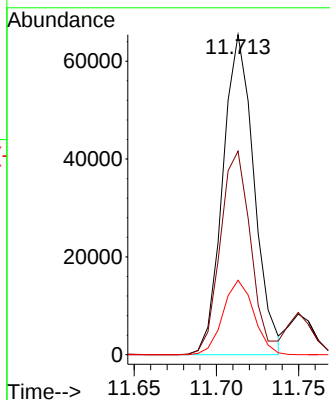
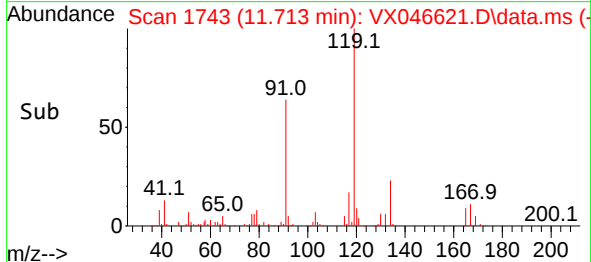
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



Tgt Ion:119 Resp: 8652
Ion Ratio Lower Upper
119 100
91 61.2 0.0 126.0
134 22.9 0.0 45.6

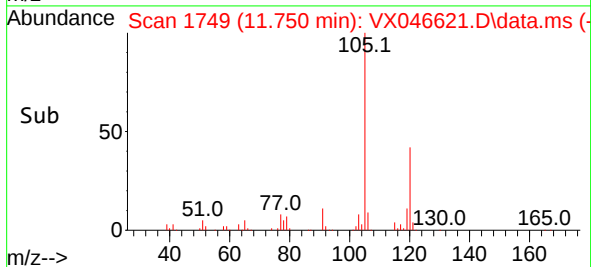
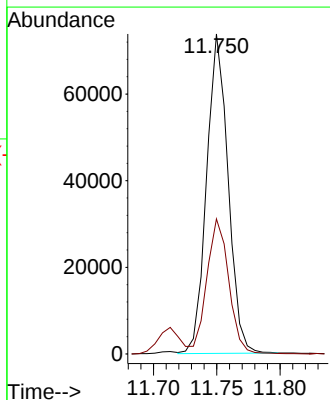
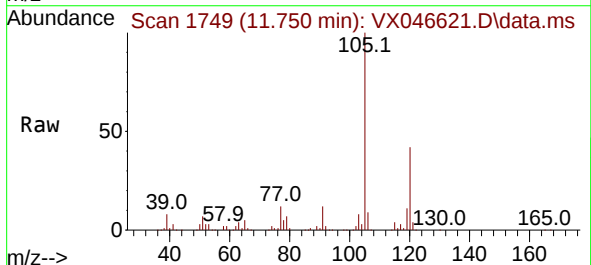
Manual Integrations
APPROVED

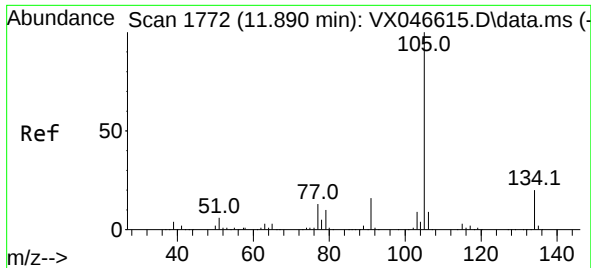
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.240 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion:105 Resp: 86969
Ion Ratio Lower Upper
105 100
120 43.7 0.0 89.6





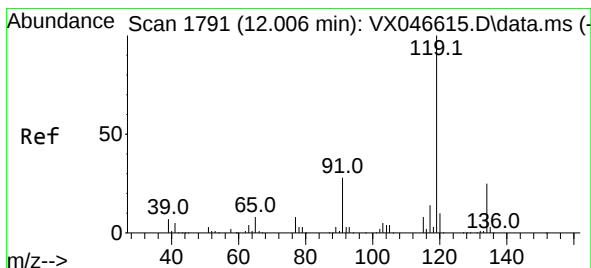
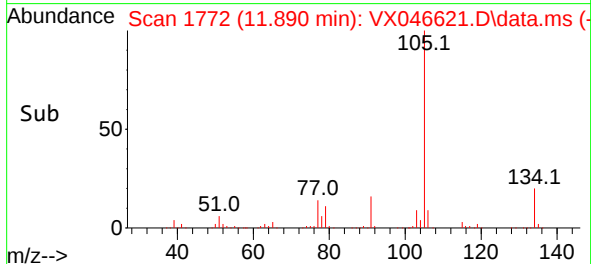
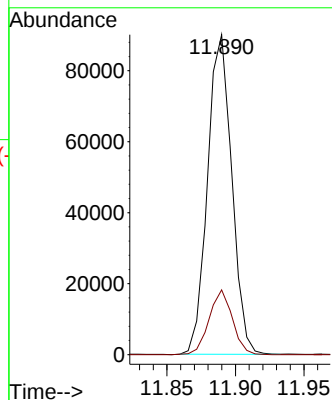
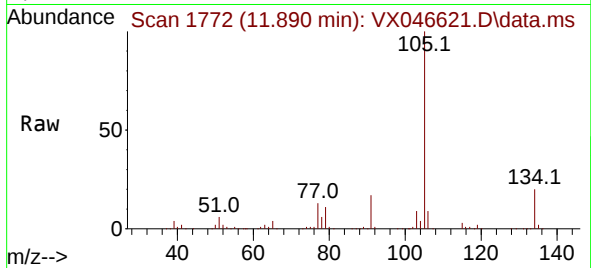
#81
 sec-Butylbenzene
 Concen: 18.948 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046621.D
 Acq: 10 Jun 2025 23:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS02

Tgt Ion:105 Resp: 11068
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

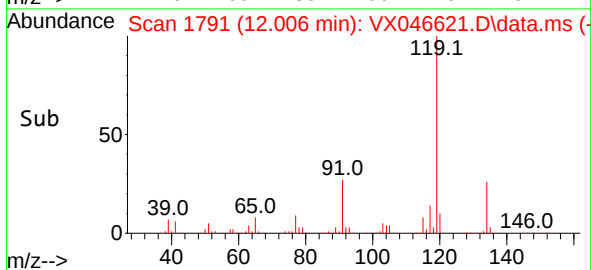
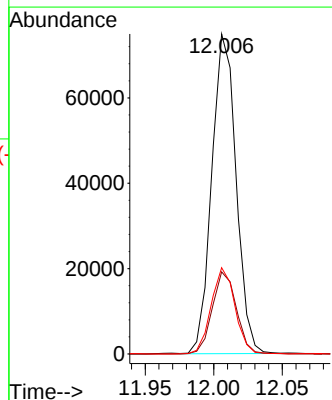
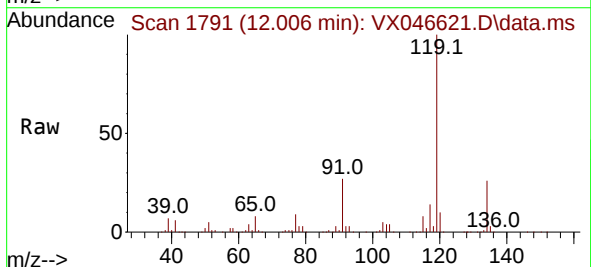
Manual Integrations
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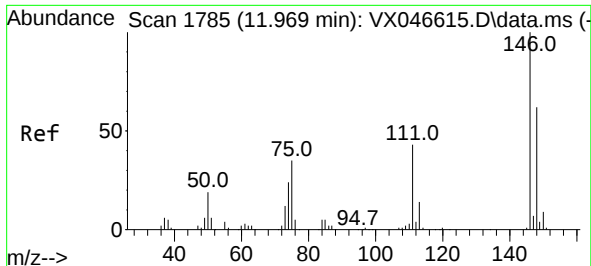
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#82
 p-Isopropyltoluene
 Concen: 19.262 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046621.D
 Acq: 10 Jun 2025 23:09

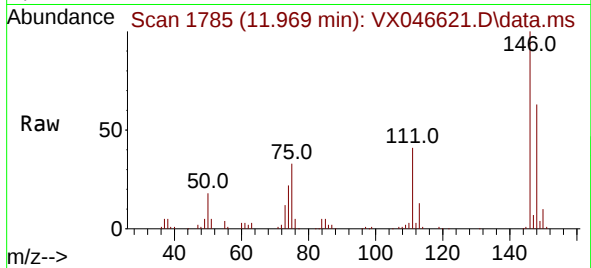
Tgt Ion:119 Resp: 92349
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.0
 91 26.5 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 19.202 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

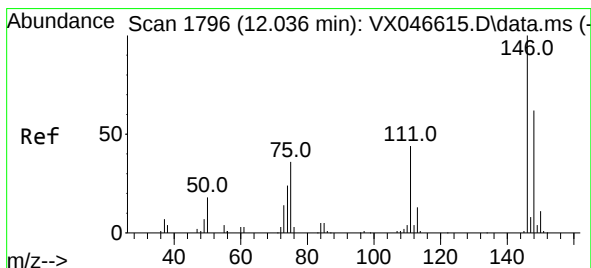
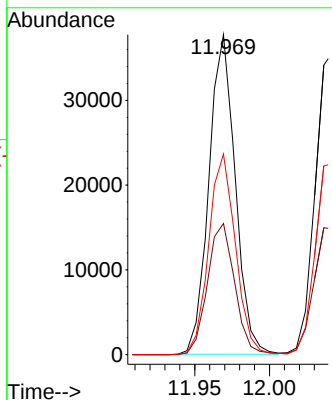
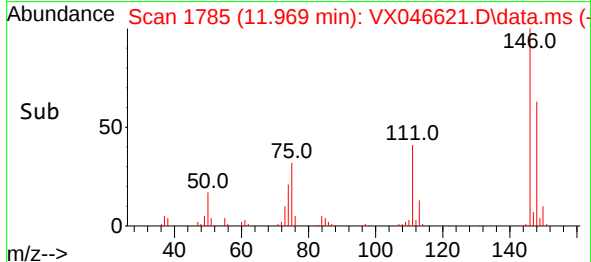
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



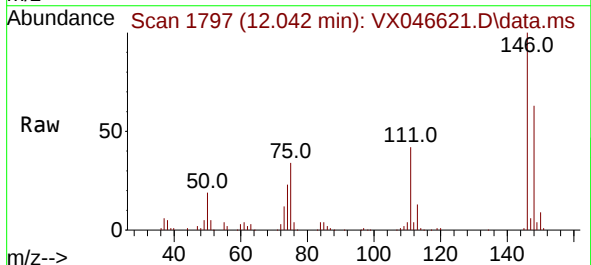
Tgt Ion:146 Resp: 46150
Ion Ratio Lower Upper
146 100
111 42.1 21.9 65.8
148 63.9 32.0 96.2

Manual Integrations
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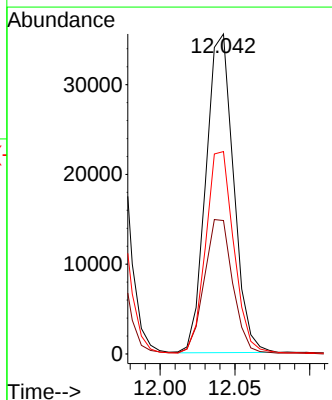
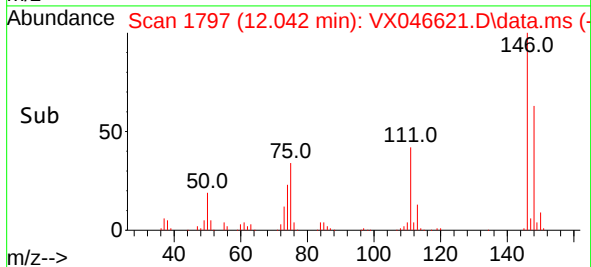
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

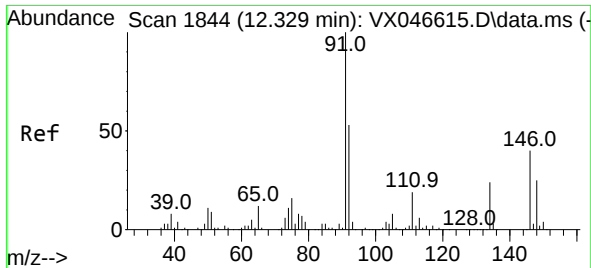


#84
1,4-Dichlorobenzene
Concen: 18.897 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



Tgt Ion:146 Resp: 45679
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.7
148 64.5 31.4 94.3





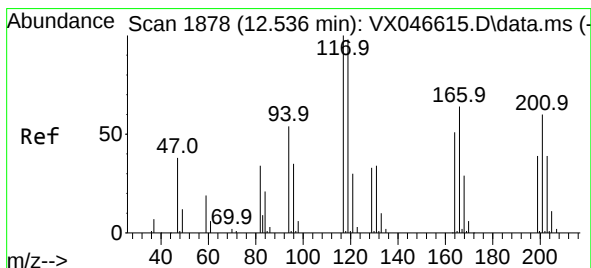
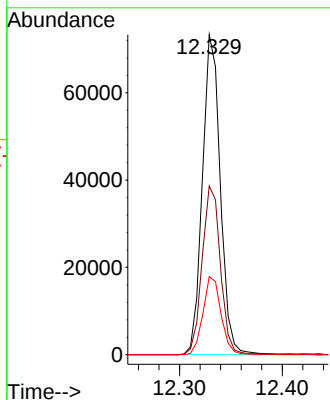
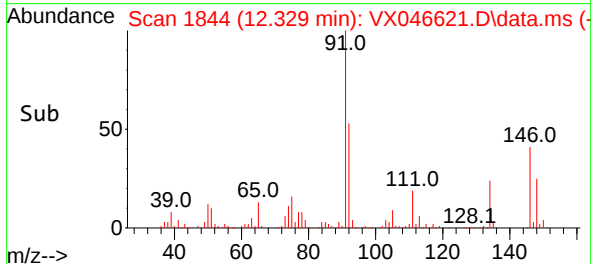
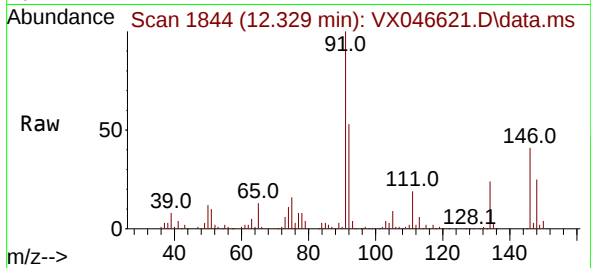
#85
n-Butylbenzene
Concen: 19.258 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02

Tgt Ion: 91 Resp: 88940
Ion Ratio Lower Upper
91 100
92 53.7 0.0 106.4
134 24.6 0.0 48.8

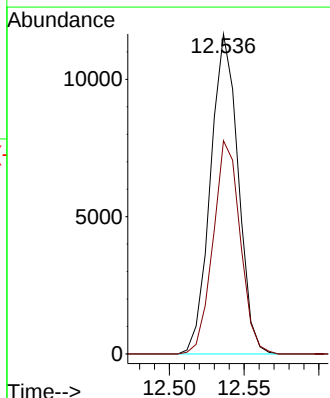
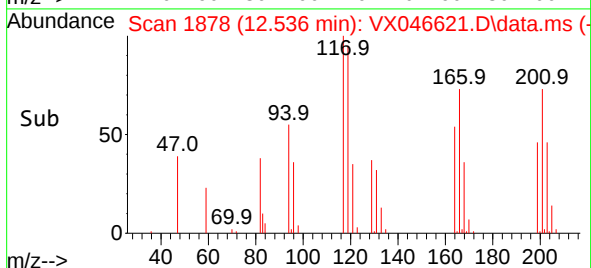
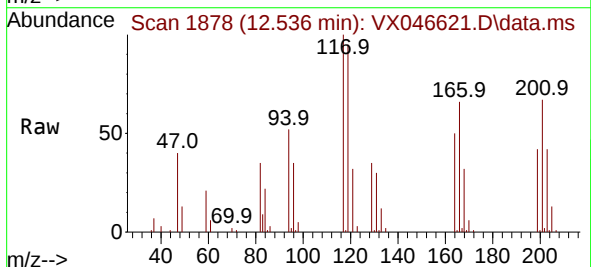
Manual Integrations
APPROVED

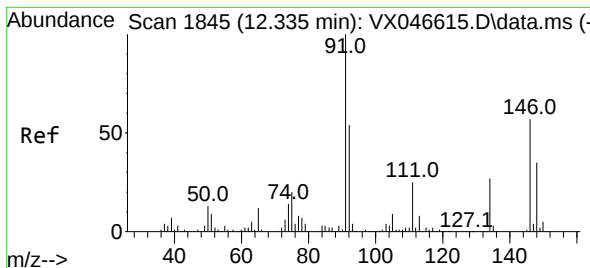
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#86
Hexachloroethane
Concen: 18.018 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

Tgt Ion:117 Resp: 15002
Ion Ratio Lower Upper
117 100
201 65.3 31.7 95.1





#87

1,2-Dichlorobenzene

Concen: 19.327 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS02

Tgt Ion:146 Resp: 44694

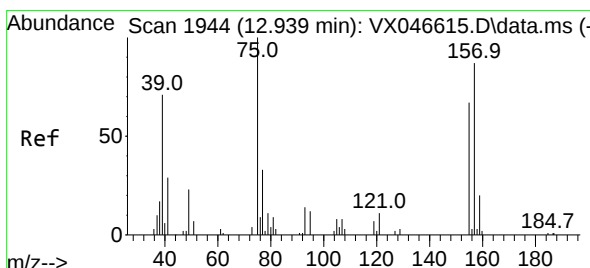
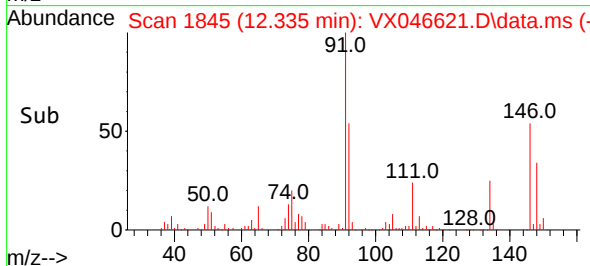
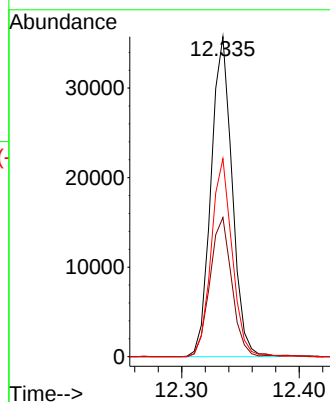
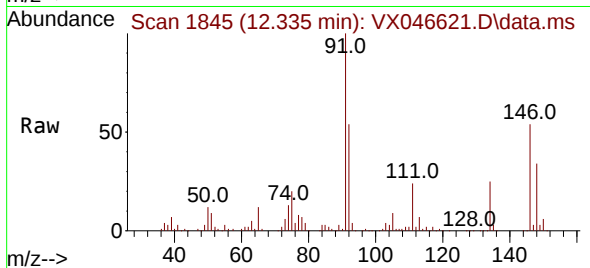
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.9	68.5
148	61.5	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.130 ug/l

RT: 12.939 min Scan# 1944

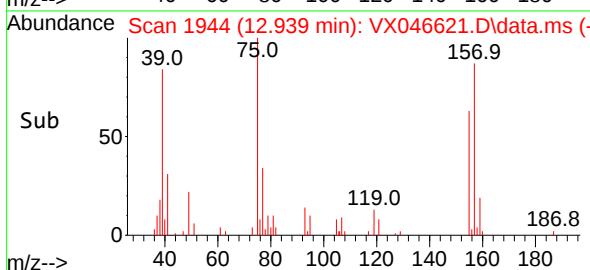
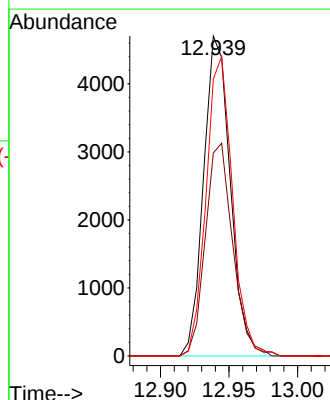
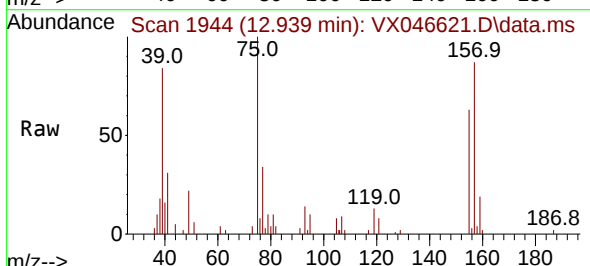
Delta R.T. -0.000 min

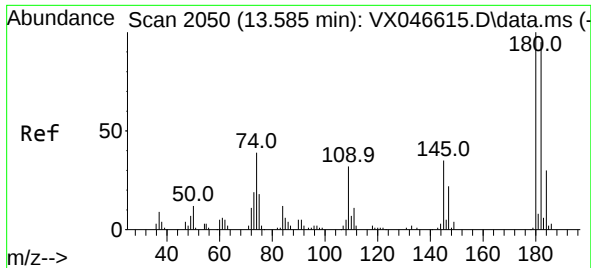
Lab File: VX046621.D

Acq: 10 Jun 2025 23:09

Tgt Ion: 75 Resp: 6386

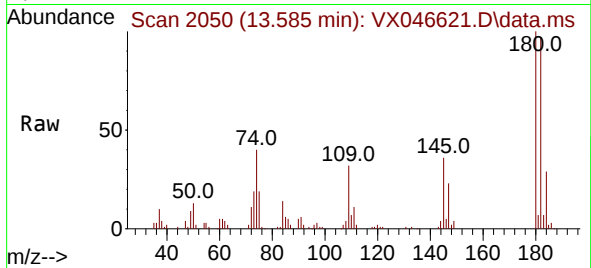
Ion	Ratio	Lower	Upper
75	100		
155	68.0	59.4	89.2
157	92.2	75.0	112.6





#89
1,2,4-Trichlorobenzene
Concen: 18.527 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

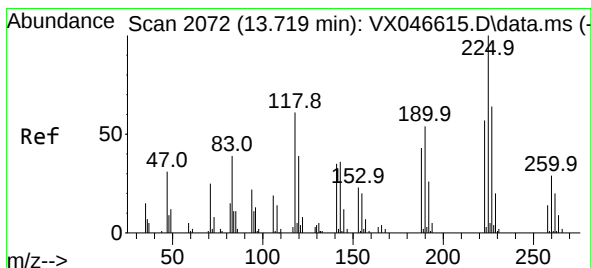
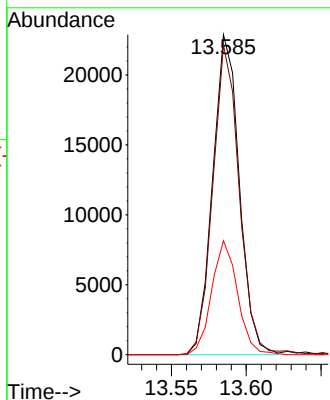
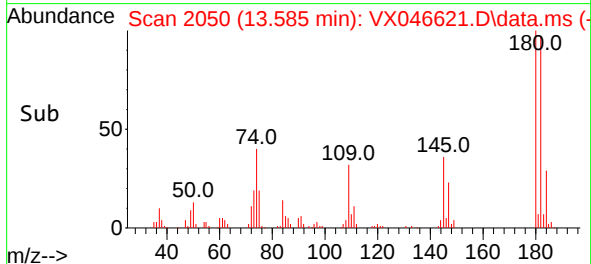
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



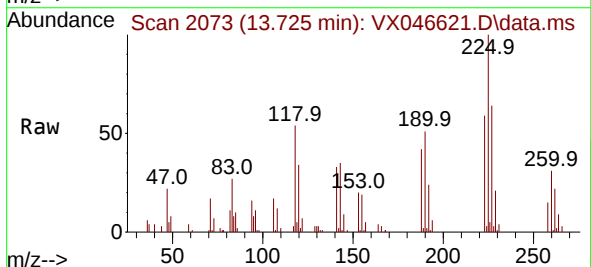
Tgt Ion:180 Resp: 28240
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
145 34.7 27.4 41.0

Manual Integrations
APPROVED

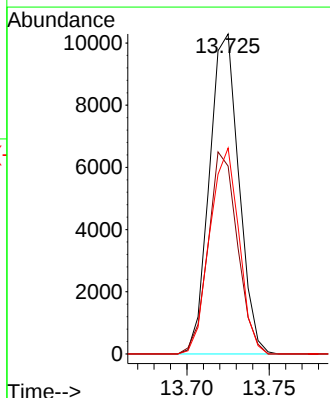
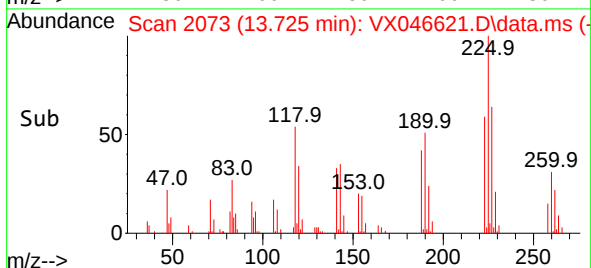
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

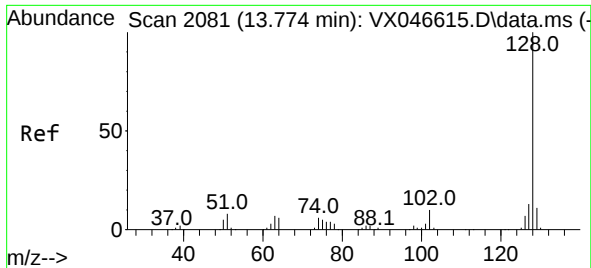


#90
Hexachlorobutadiene
Concen: 19.121 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



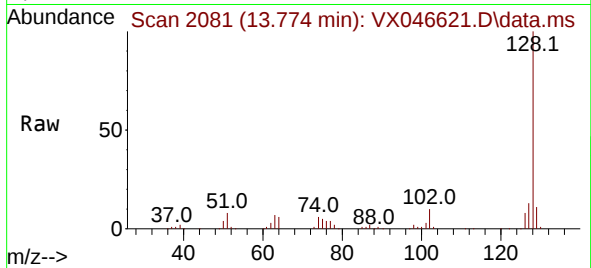
Tgt Ion:225 Resp: 12836
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.4
227 63.9 0.0 131.4





#91
Naphthalene
Concen: 18.371 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09

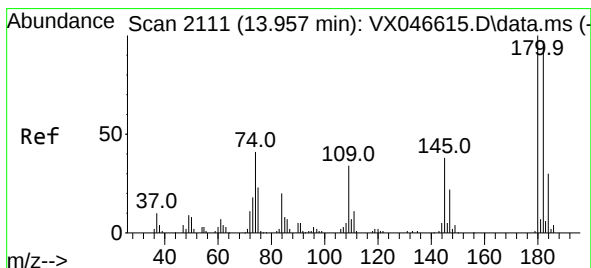
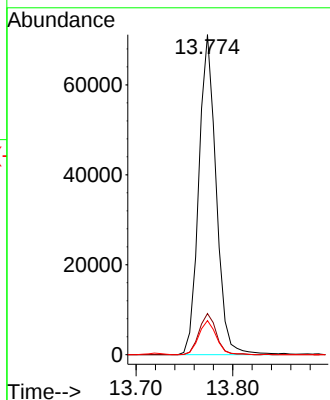
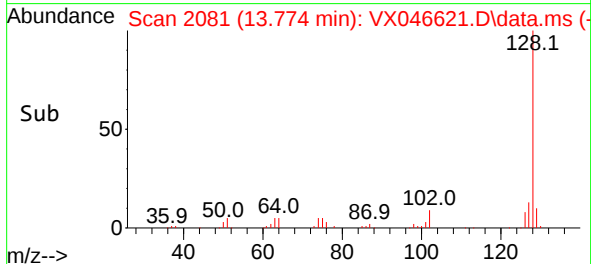
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS02



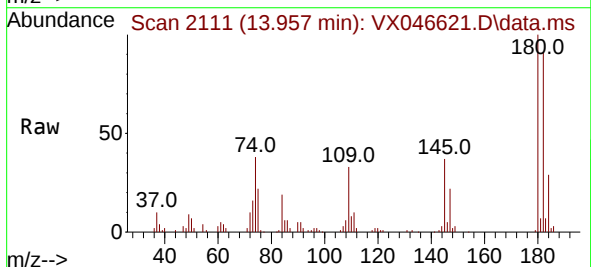
Tgt Ion:128 Resp: 88858
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.212 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046621.D
Acq: 10 Jun 2025 23:09



Tgt Ion:180 Resp: 28750
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.2
145 36.3 0.0 71.8

