

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046837.D
 Acq On : 30 Jun 2025 13:27
 Operator : JC/MD
 Sample : VX0630MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

Quant Time: Jul 01 05:29:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93264	48.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	5.391	113	78072	52.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.340%		
50) Toluene-d8	8.646	98	277511	51.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.240%		
62) 4-Bromofluorobenzene	11.079	95	108209	53.992	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	26007	17.690	ug/l	98
3) Chloromethane	1.306	50	27332	17.224	ug/l	94
4) Vinyl Chloride	1.386	62	29124	17.211	ug/l	94
5) Bromomethane	1.629	94	21493	22.576	ug/l	100
6) Chloroethane	1.703	64	19137	18.659	ug/l	96
7) Trichlorofluoromethane	1.904	101	46369	18.047	ug/l	98
8) Diethyl Ether	2.148	74	17027	19.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	29167	18.504	ug/l	100
10) Methyl Iodide	2.465	142	29782	18.119	ug/l	98
11) Tert butyl alcohol	2.952	59	13371	78.214	ug/l	100
12) 1,1-Dichloroethene	2.337	96	27776	18.262	ug/l	97
13) Acrolein	2.245	56	20339	81.680	ug/l	99
14) Allyl chloride	2.678	41	50572	18.351	ug/l	98
15) Acrylonitrile	3.068	53	71252	92.690	ug/l	99
16) Acetone	2.385	43	53988	84.999	ug/l	99
17) Carbon Disulfide	2.526	76	70344	15.315	ug/l	98
18) Methyl Acetate	2.709	43	31815	19.722	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	88150	18.613	ug/l	99
20) Methylene Chloride	2.800	84	33279	18.841	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	29582	18.177	ug/l	95
22) Diisopropyl ether	3.763	45	106176	20.045	ug/l	88
23) Vinyl Acetate	3.727	43	400395	95.057	ug/l	99
24) 1,1-Dichloroethane	3.623	63	56639	18.833	ug/l	98
25) 2-Butanone	4.562	43	80047	89.109	ug/l	97
26) 2,2-Dichloropropane	4.489	77	39523	18.019	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	36598	19.141	ug/l	99
28) Bromochloromethane	4.909	49	29668	21.759	ug/l	99
29) Tetrahydrofuran	5.013	42	52330	90.189	ug/l	99
30) Chloroform	5.104	83	58638	19.496	ug/l	95
31) Cyclohexane	5.482	56	52545	18.424	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	47478	17.999	ug/l	99
36) 1,1-Dichloropropene	5.702	75	39349	18.215	ug/l	98
37) Ethyl Acetate	4.720	43	33606	16.854	ug/l	97
38) Carbon Tetrachloride	5.684	117	40994	17.486	ug/l	98
39) Methylcyclohexane	7.385	83	50779	17.863	ug/l	99
40) Benzene	6.043	78	123977	19.392	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20950	19.708	ug/l	93
42) 1,2-Dichloroethane	6.092	62	43347	19.295	ug/l	98
43) Isopropyl Acetate	6.342	43	57243	18.346	ug/l	99
44) Trichloroethene	7.128	130	30899	18.965	ug/l	99
45) 1,2-Dichloropropane	7.433	63	31454	19.852	ug/l	100
46) Dibromomethane	7.586	93	21783	19.130	ug/l	96
47) Bromodichloromethane	7.823	83	44658	19.218	ug/l	99
48) Methyl methacrylate	7.695	41	30121	19.248	ug/l	98
49) 1,4-Dioxane	7.659	88	7795	360.961	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	175669	94.396	ug/l	99
52) Toluene	8.720	92	78252	19.744	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	41279	19.146	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48329	19.746	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	30258	20.486	ug/l	97
56) Ethyl methacrylate	9.116	69	42701	19.585	ug/l	99
57) 1,3-Dichloropropane	9.305	76	51173	20.119	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	109495	96.678	ug/l	99
59) 2-Hexanone	9.427	43	118830	92.362	ug/l	100
60) Dibromochloromethane	9.518	129	34187	19.641	ug/l	100
61) 1,2-Dibromoethane	9.610	107	30610	20.374	ug/l	98
64) Tetrachloroethene	9.274	164	26927	18.761	ug/l	97
65) Chlorobenzene	10.079	112	88423	19.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	29283	19.053	ug/l	98
67) Ethyl Benzene	10.195	91	150052	18.779	ug/l	100
68) m/p-Xylenes	10.299	106	113990	38.287	ug/l	99
69) o-Xylene	10.640	106	55138	19.761	ug/l	98
70) Styrene	10.652	104	96717	19.807	ug/l	99
71) Bromoform	10.799	173	21050	17.984	ug/l #	98
73) Isopropylbenzene	10.963	105	145152	18.524	ug/l	99
74) N-amyl acetate	10.841	43	52349	17.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	41330	18.890	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	32532m	16.695	ug/l	
77) Bromobenzene	11.195	156	37338	19.801	ug/l	96
78) n-propylbenzene	11.298	91	173305	18.621	ug/l	100
79) 2-Chlorotoluene	11.359	91	102970	18.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	121630	18.889	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11099	16.100	ug/l	95
82) 4-Chlorotoluene	11.451	91	121269	18.699	ug/l	99
83) tert-Butylbenzene	11.713	119	122296	18.373	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	123518	19.092	ug/l	100
85) sec-Butylbenzene	11.890	105	154708	18.391	ug/l	100
86) p-Isopropyltoluene	12.006	119	131214	18.487	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69347	18.862	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	70444	18.654	ug/l	98
89) n-Butylbenzene	12.329	91	119678	17.759	ug/l	100
90) Hexachloroethane	12.536	117	20638	16.605	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	66370	19.317	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	6937	16.060	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	44645	18.277	ug/l	98
94) Hexachlorobutadiene	13.725	225	17880	17.401	ug/l	96
95) Naphthalene	13.774	128	126149	18.127	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	43395	18.570	ug/l	98

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
VX0630MBSD01

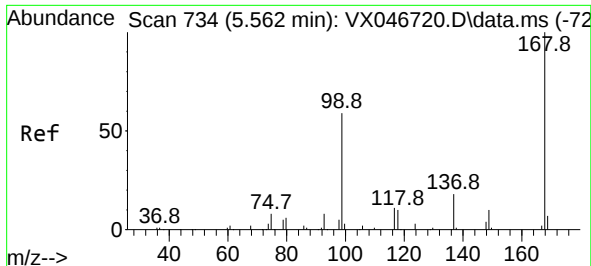
Manual Integrations
APPROVED

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Response via : Initial Calibration

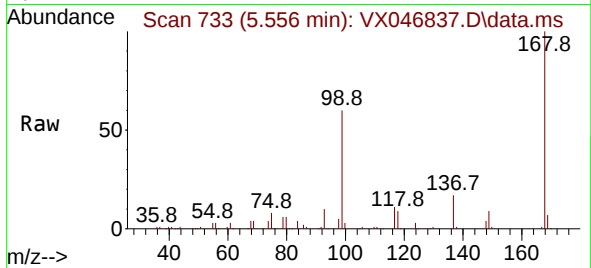
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046837.D
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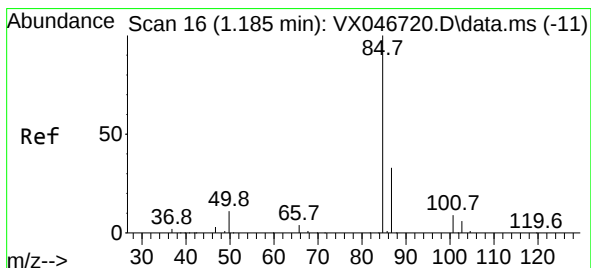
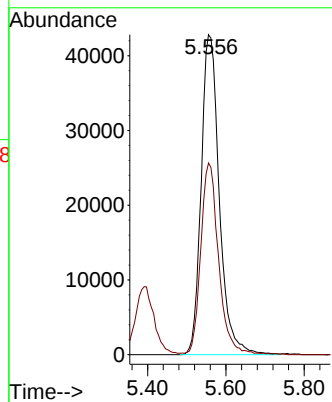
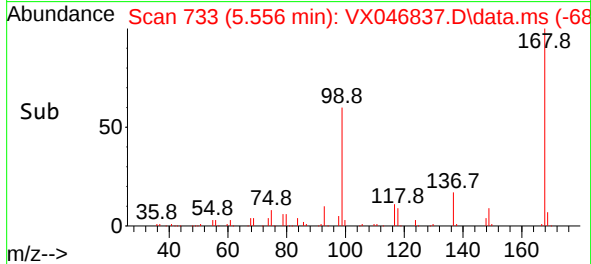
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion:168 Resp: 13770
Ion Ratio Lower Upper
168 100
99 59.7 48.5 72.7

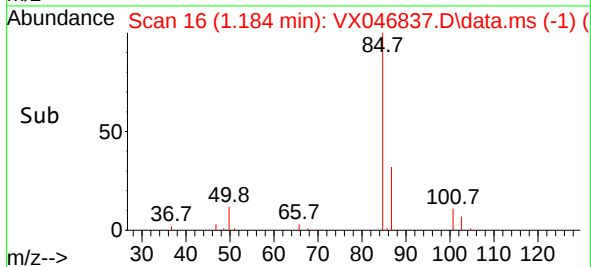
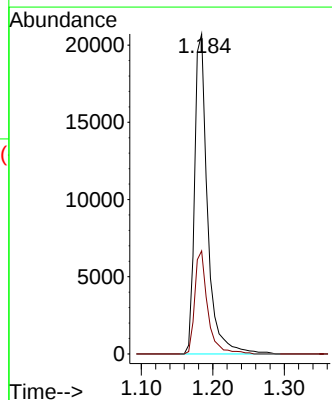
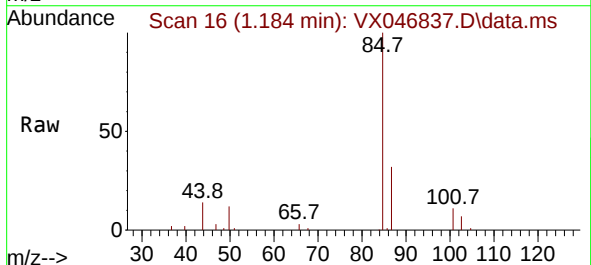
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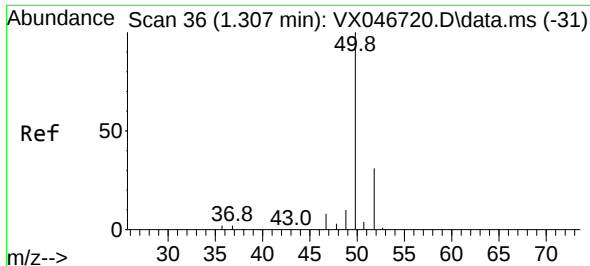
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#2
Dichlorodifluoromethane
Concen: 17.690 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

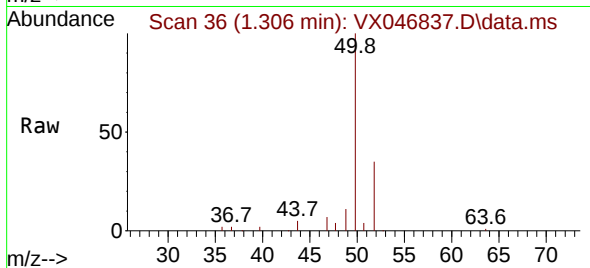
Tgt Ion: 85 Resp: 26007
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8





#3
Chloromethane
Concen: 17.224 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

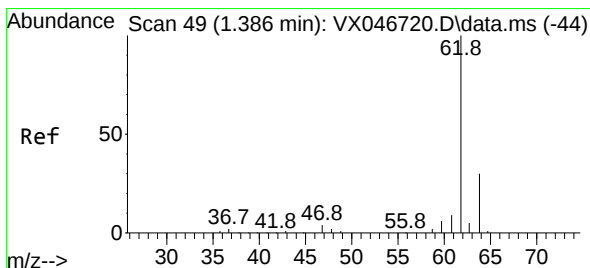
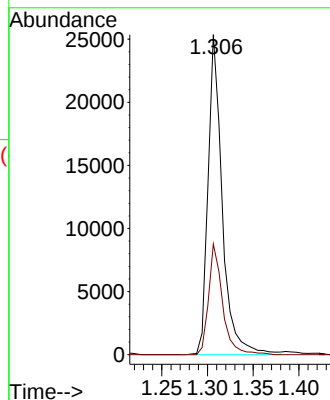
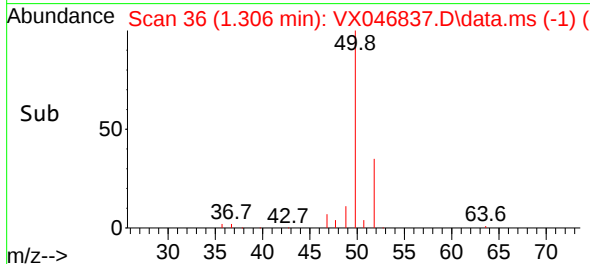
Instrument :
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Tgt Ion: 50 Resp: 2733
Ion Ratio Lower Upper
50 100
52 34.6 24.9 37.3

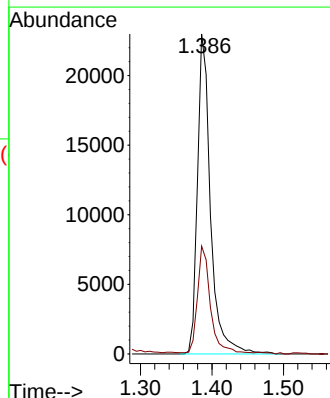
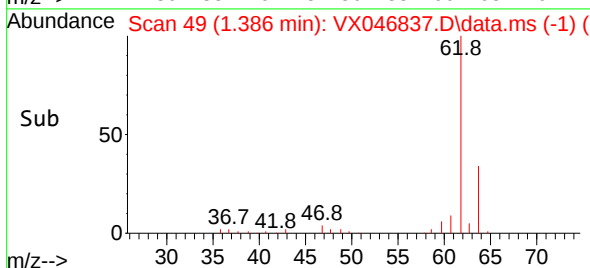
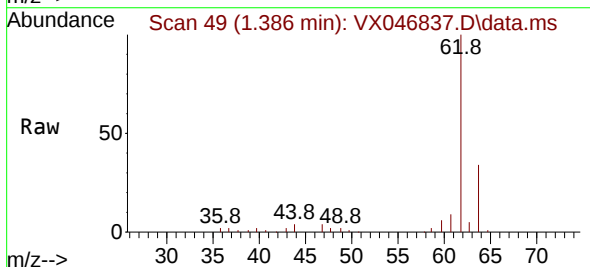
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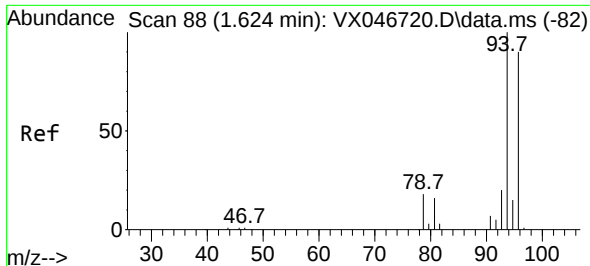
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#4
Vinyl Chloride
Concen: 17.211 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

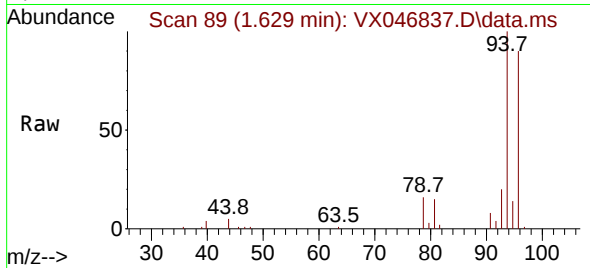
Tgt Ion: 62 Resp: 29124
Ion Ratio Lower Upper
62 100
64 33.3 23.9 35.9





#5
Bromomethane
Concen: 22.576 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

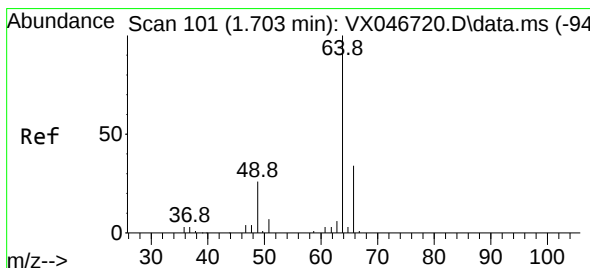
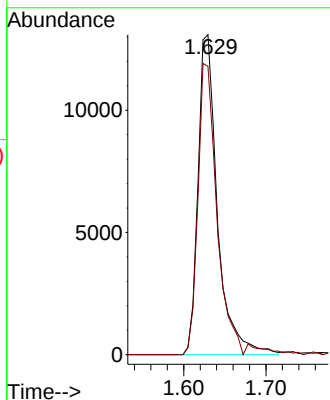
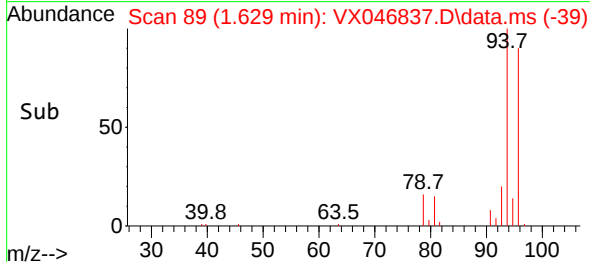
Instrument :
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Tgt Ion: 94 Resp: 2149
Ion Ratio Lower Upper
94 100
96 90.1 72.3 108.5

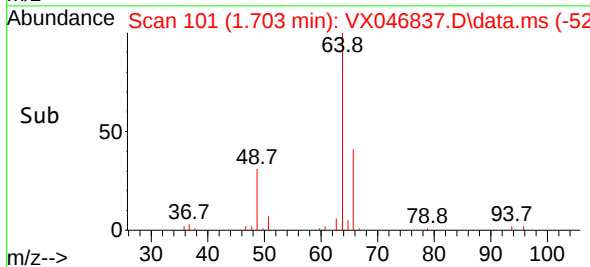
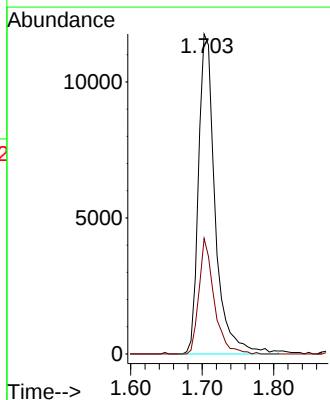
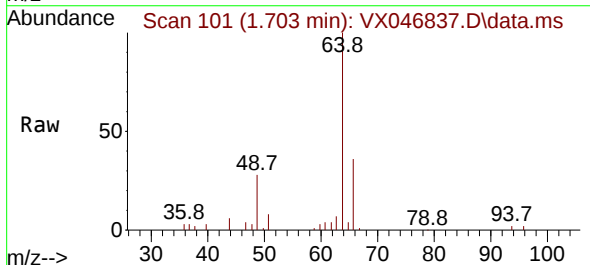
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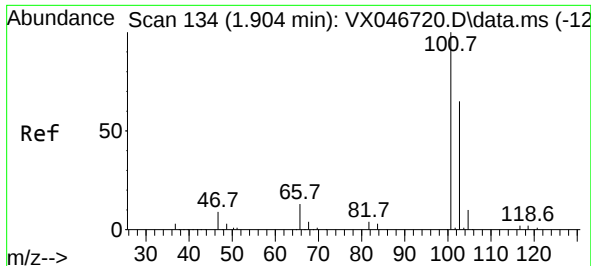
Reviewed By :John Carlone 07/01/2025
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#6
Chloroethane
Concen: 18.659 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046837.D
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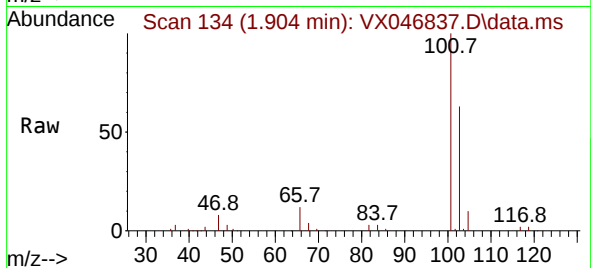
Tgt Ion: 64 Resp: 19137
Ion Ratio Lower Upper
64 100
66 36.1 27.1 40.7





#7
Trichlorofluoromethane
Concen: 18.047 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046837.D
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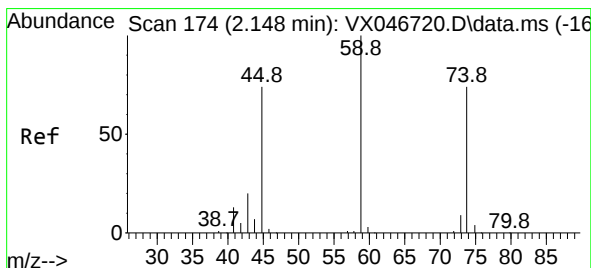
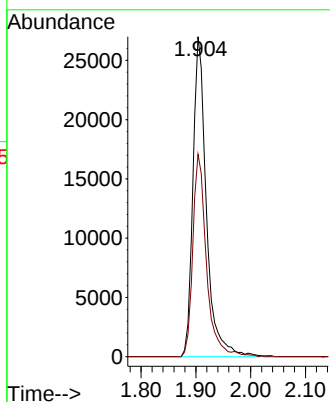
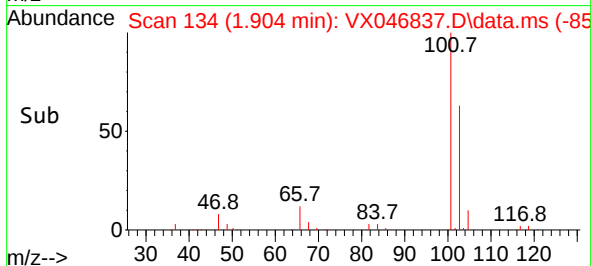
Instrument :
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Tgt Ion:101 Resp: 46369
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

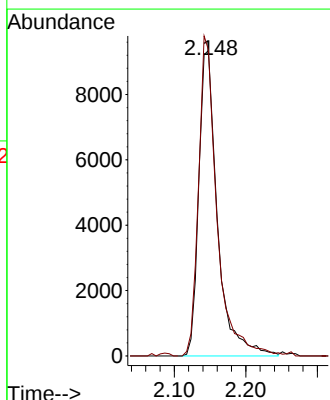
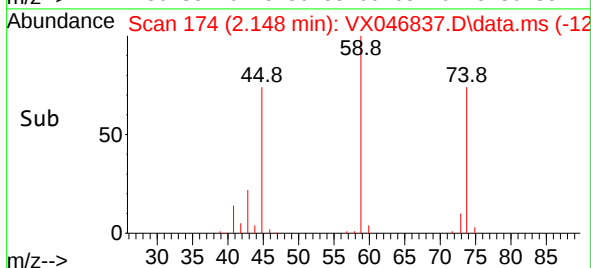
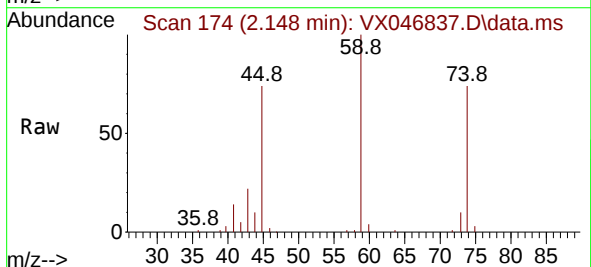
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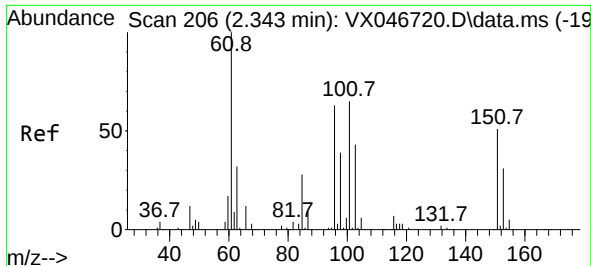
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#8
Diethyl Ether
Concen: 19.310 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 74 Resp: 17027
Ion Ratio Lower Upper
74 100
45 102.9 52.3 157.1





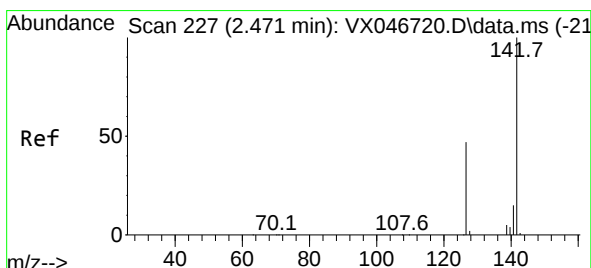
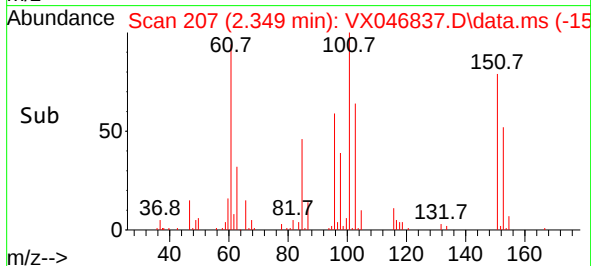
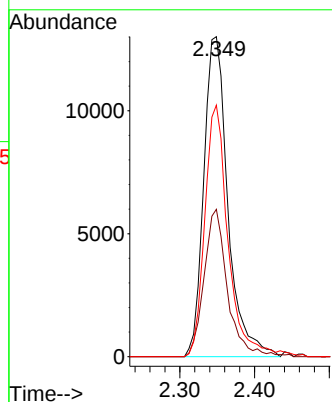
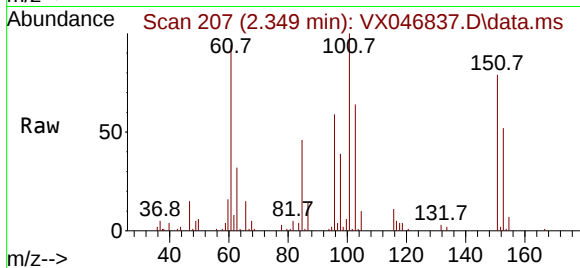
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.504 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01

Tgt Ion:101 Resp: 2916
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.0
151 76.4 61.2 91.8

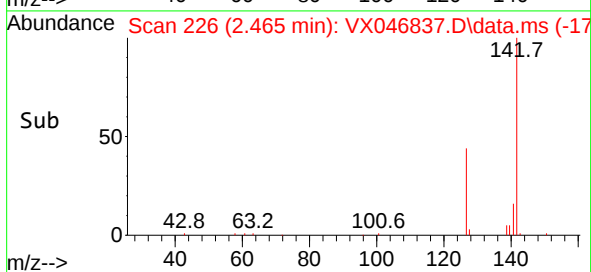
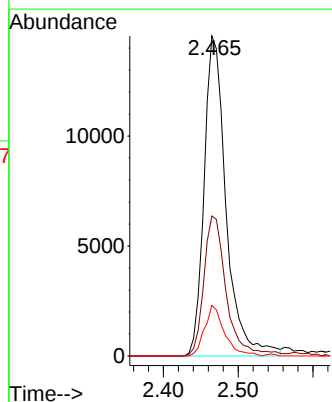
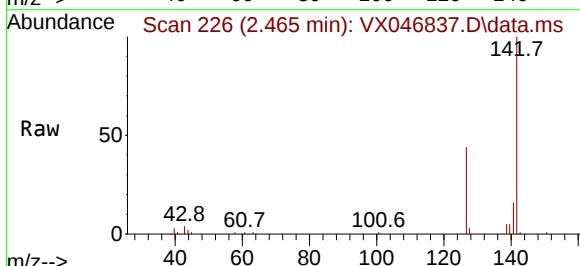
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#10
Methyl Iodide
Concen: 18.119 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

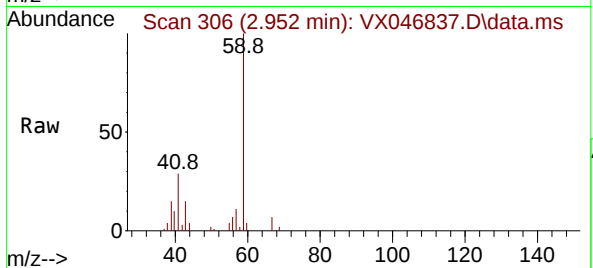
Tgt Ion:142 Resp: 29782
Ion Ratio Lower Upper
142 100
127 44.5 37.0 55.6
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 78.214 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.007 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

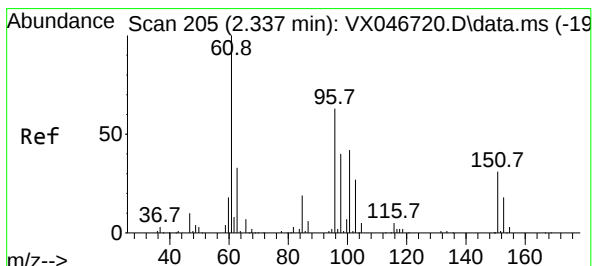
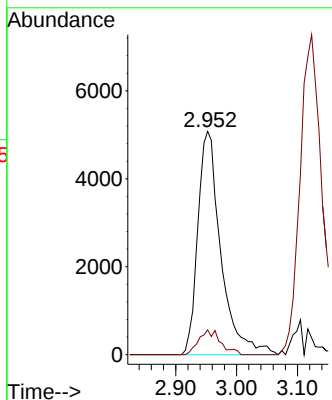
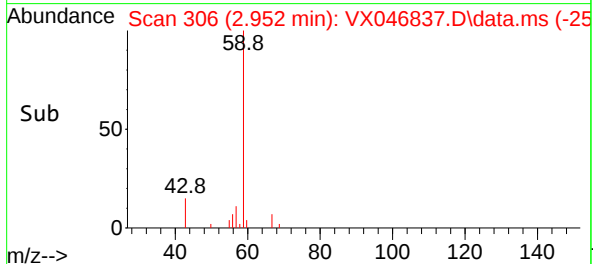
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion: 59 Resp: 1337
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

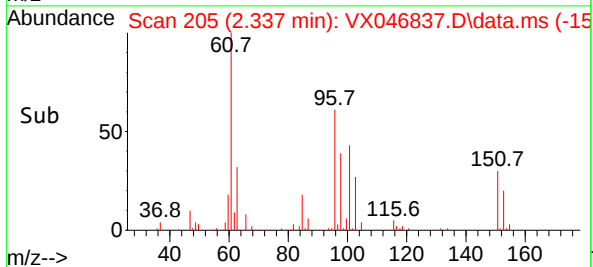
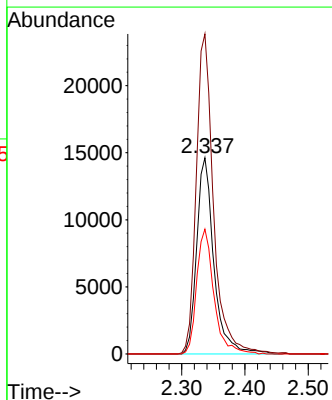
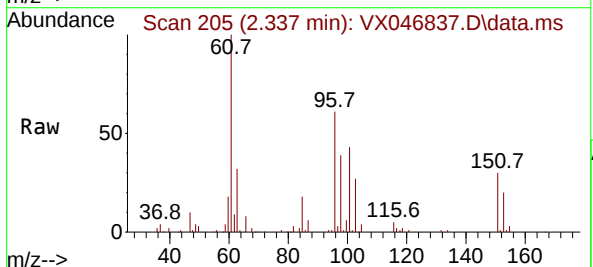
Manual Integrations
APPROVED

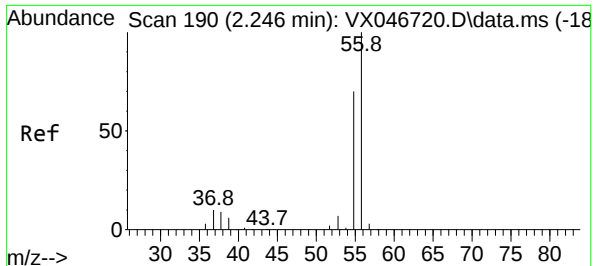
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#12
1,1-Dichloroethene
Concen: 18.262 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

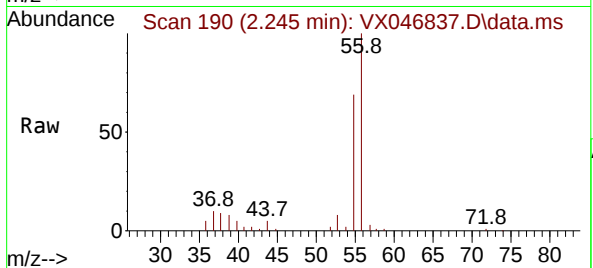
Tgt Ion: 96 Resp: 27776
Ion Ratio Lower Upper
96 100
61 163.2 126.6 189.8
98 63.7 50.7 76.1





#13
Acrolein
Concen: 81.680 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

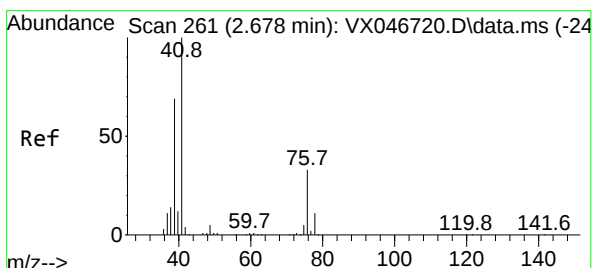
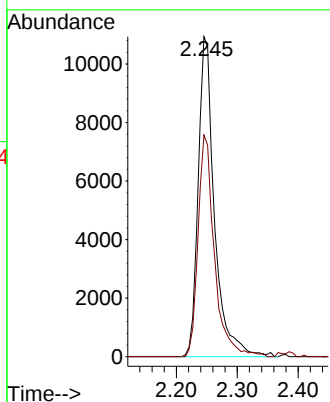
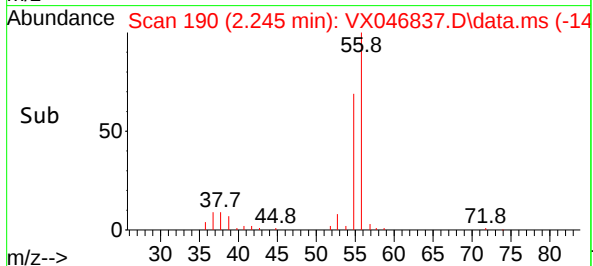
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 56 Resp: 20339
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8

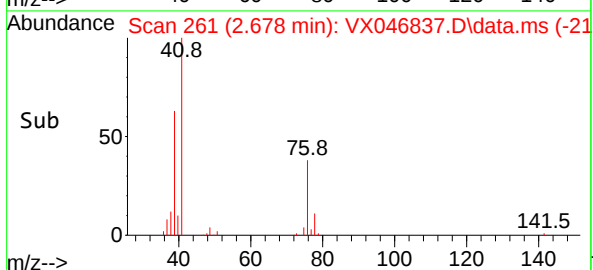
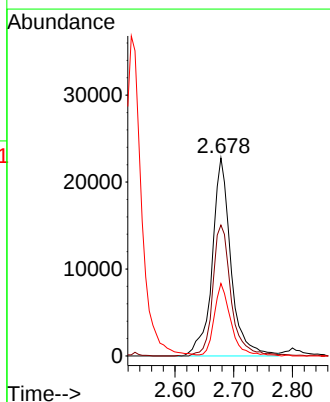
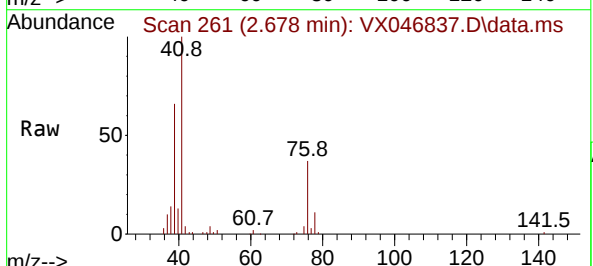
Manual Integrations
APPROVED

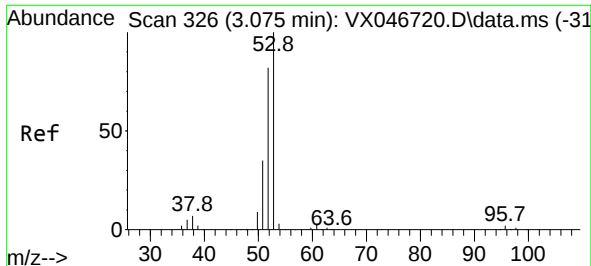
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#14
Allyl chloride
Concen: 18.351 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

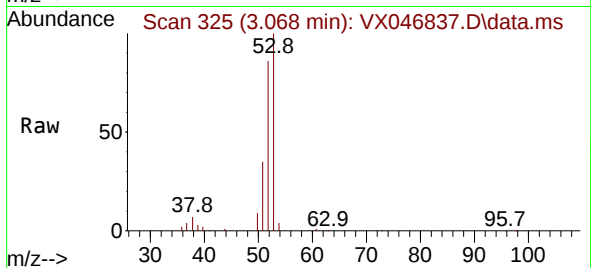
Tgt Ion: 41 Resp: 50572
Ion Ratio Lower Upper
41 100
39 64.9 53.6 80.4
76 32.5 26.8 40.2





#15
Acrylonitrile
Concen: 92.690 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

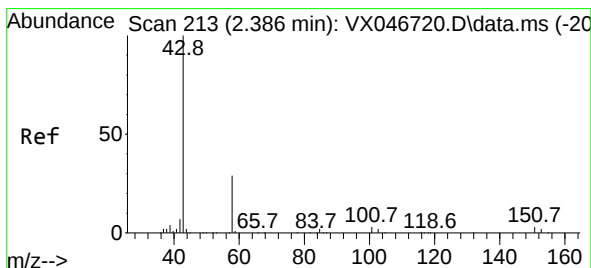
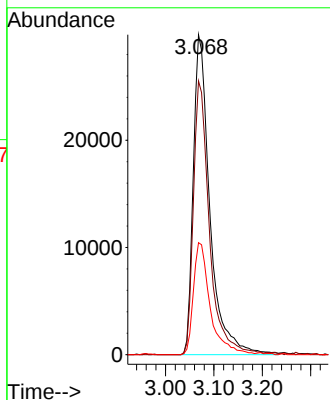
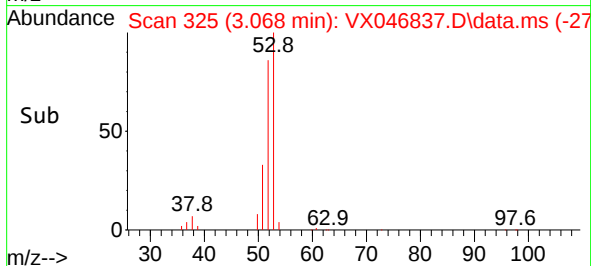
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 53 Resp: 71252
Ion Ratio Lower Upper
53 100
52 82.3 65.1 97.7
51 35.4 28.9 43.3

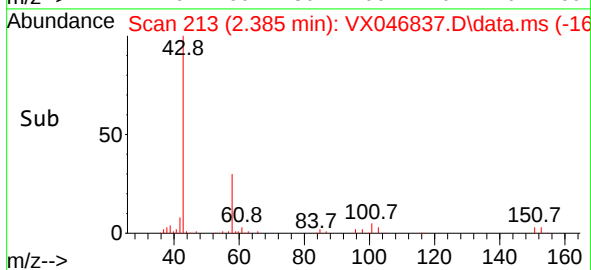
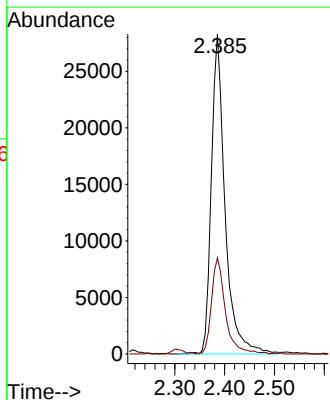
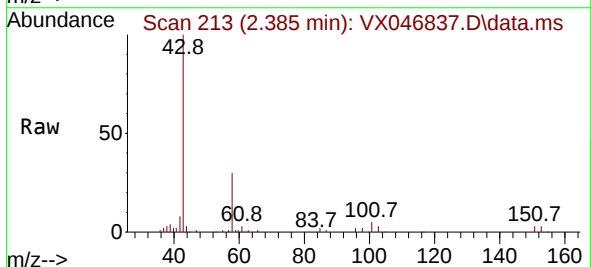
Manual Integrations
APPROVED

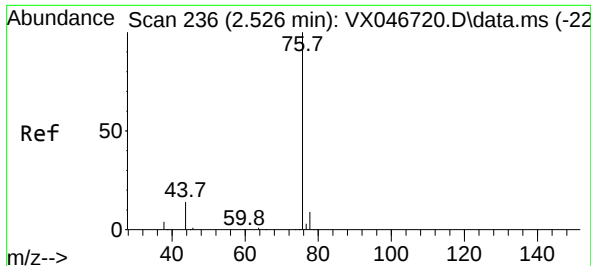
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#16
Acetone
Concen: 84.999 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

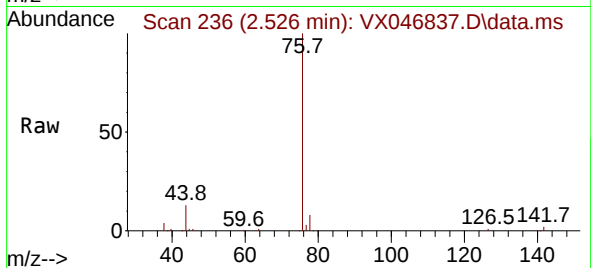
Tgt Ion: 43 Resp: 53988
Ion Ratio Lower Upper
43 100
58 29.8 24.5 36.7





#17
Carbon Disulfide
Concen: 15.315 ug/l
RT: 2.526 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

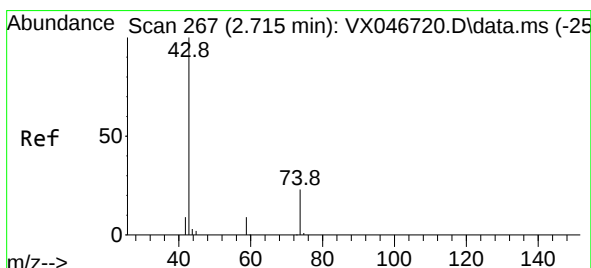
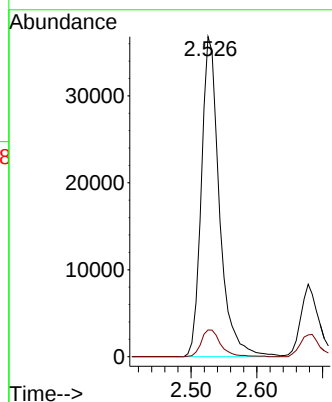
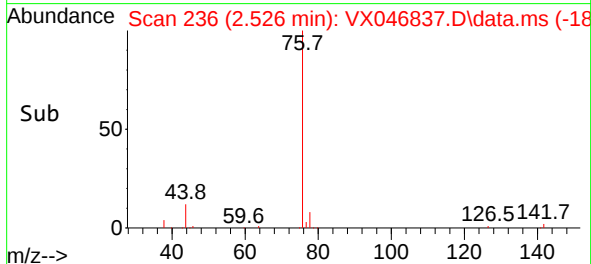
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 76 Resp: 70344
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

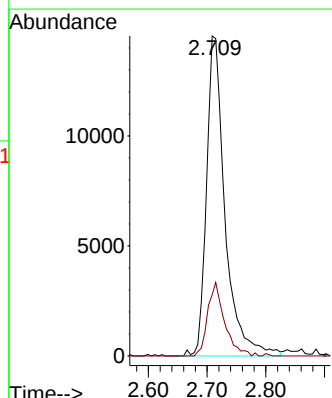
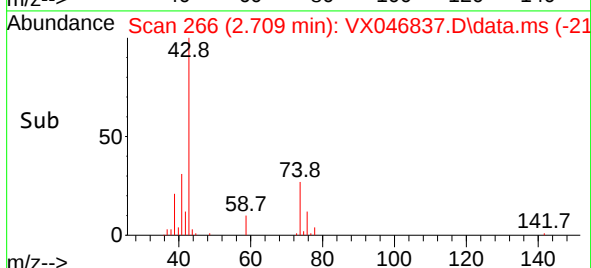
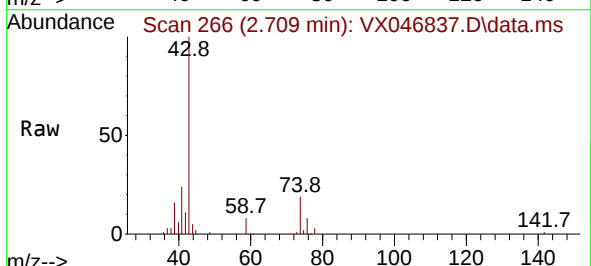
Manual Integrations
APPROVED

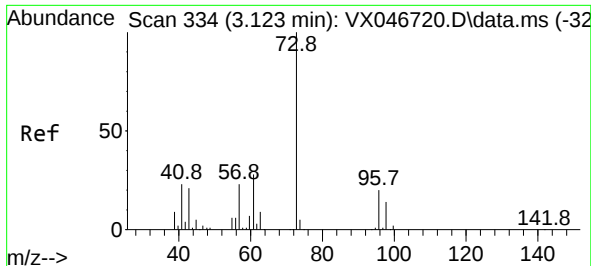
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#18
Methyl Acetate
Concen: 19.722 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

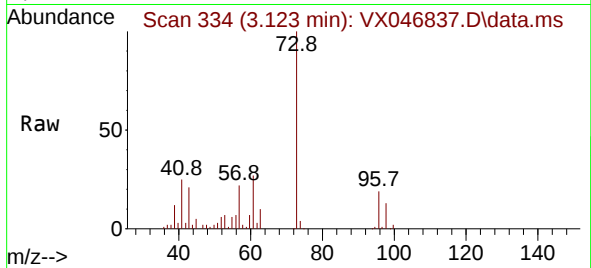
Tgt Ion: 43 Resp: 31815
Ion Ratio Lower Upper
43 100
74 21.1 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 18.613 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

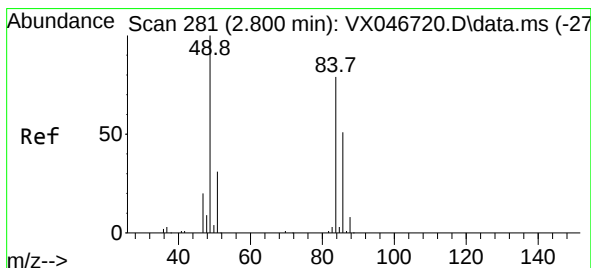
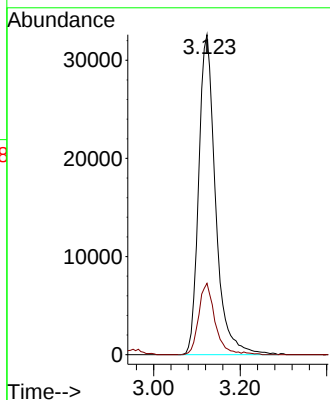
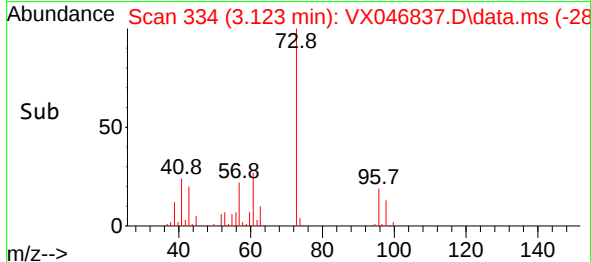
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 73 Resp: 88150
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

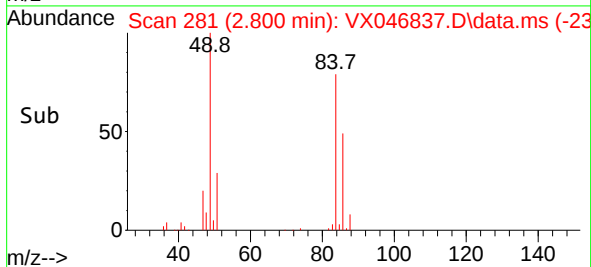
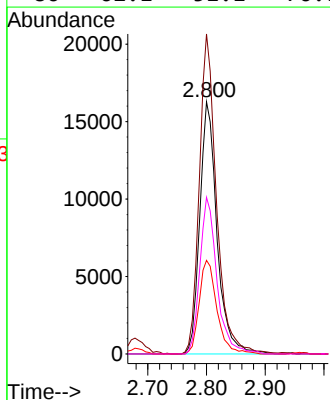
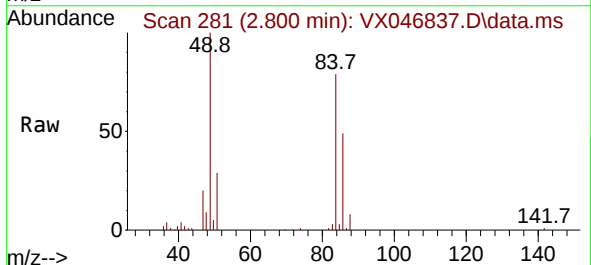
Manual Integrations
APPROVED

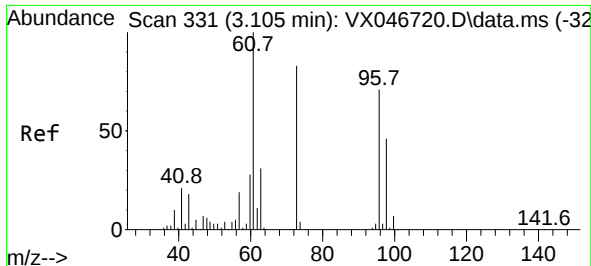
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#20
Methylene Chloride
Concen: 18.841 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

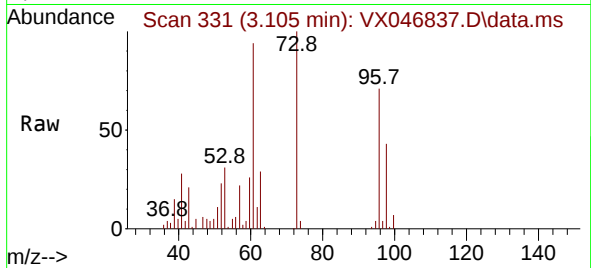
Tgt Ion: 84 Resp: 33279
Ion Ratio Lower Upper
84 100
49 126.9 101.3 151.9
51 37.1 31.0 46.6
86 62.1 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 18.177 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

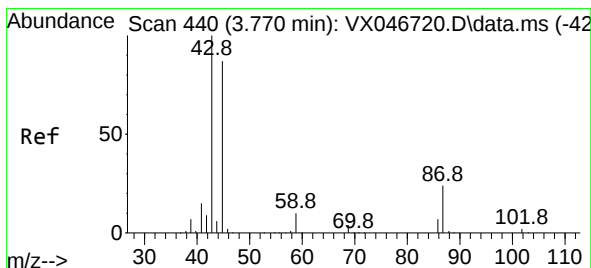
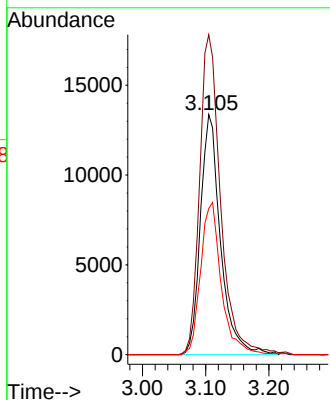
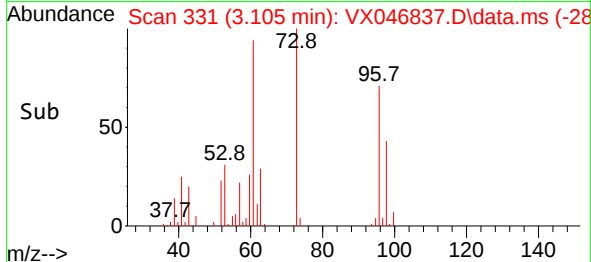
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion: 96 Resp: 2958
Ion Ratio Lower Upper
96 100
61 133.3 112.5 168.7
98 62.6 51.9 77.9

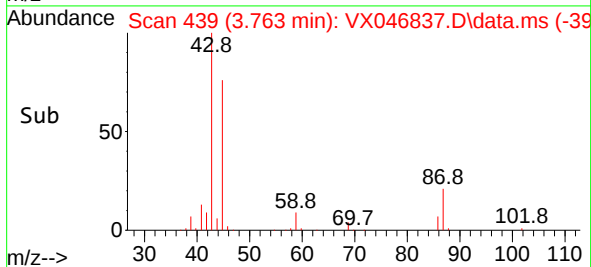
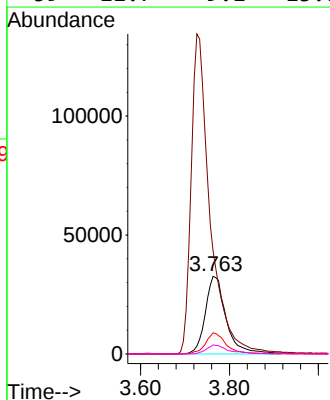
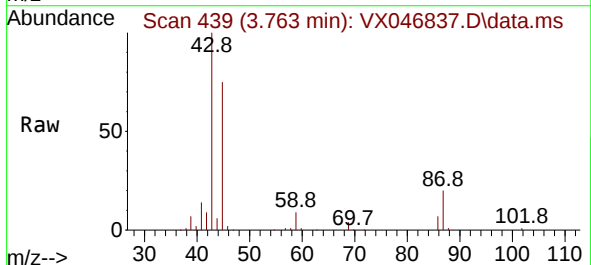
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#22
Diisopropyl ether
Concen: 20.045 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 45 Resp: 106176
Ion Ratio Lower Upper
45 100
43 131.4 91.9 137.9
87 27.1 22.0 33.0
59 11.7 9.1 13.7





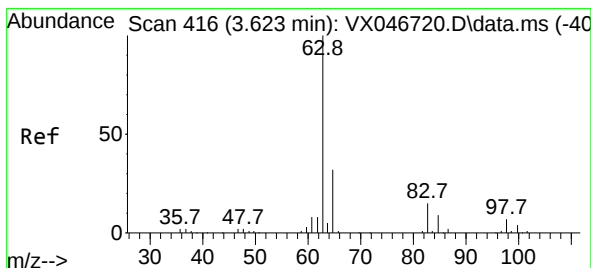
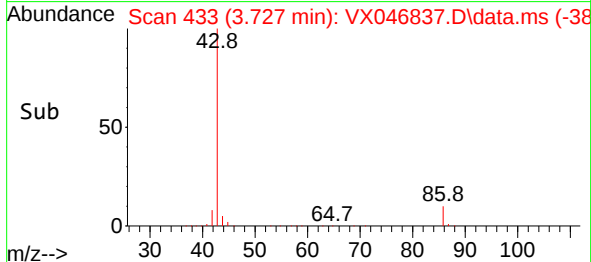
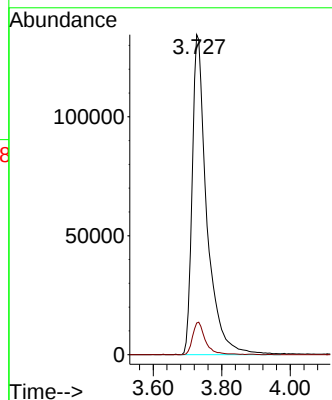
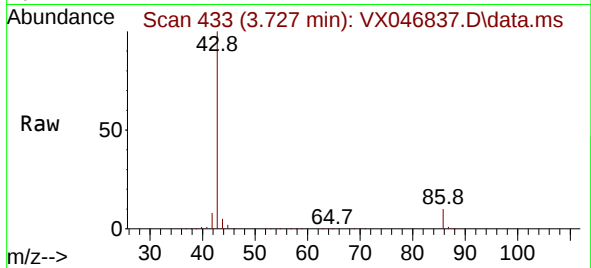
#23
 Vinyl Acetate
 Concen: 95.057 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBS01

Tgt Ion: 43 Resp: 40039
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

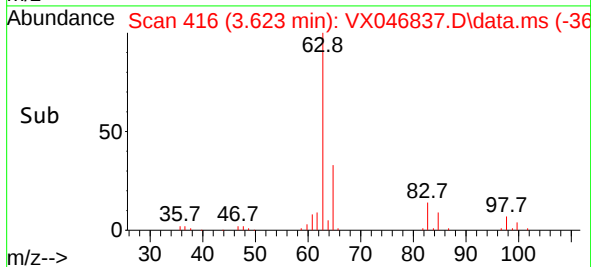
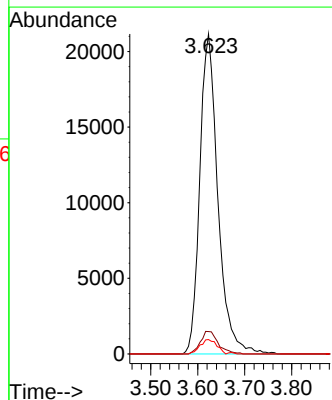
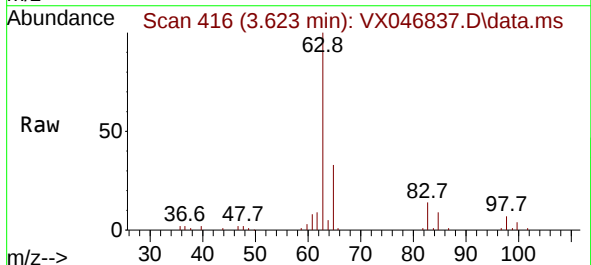
Manual Integrations
 APPROVED

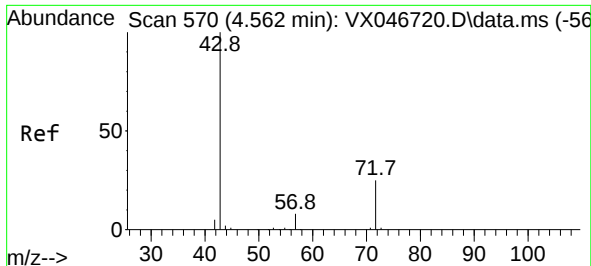
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#24
 1,1-Dichloroethane
 Concen: 18.833 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

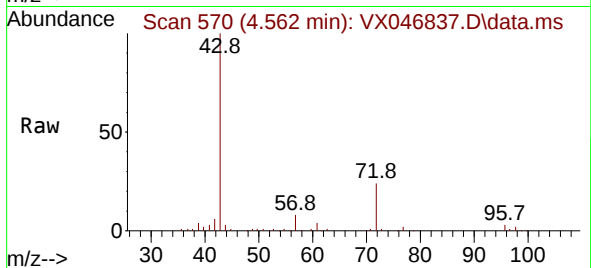
Tgt Ion: 63 Resp: 56639
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 11.9
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 89.109 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

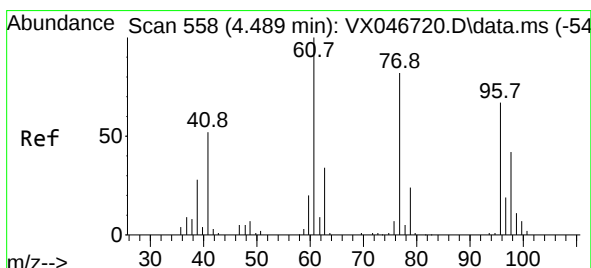
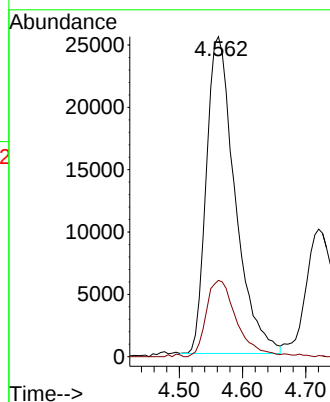
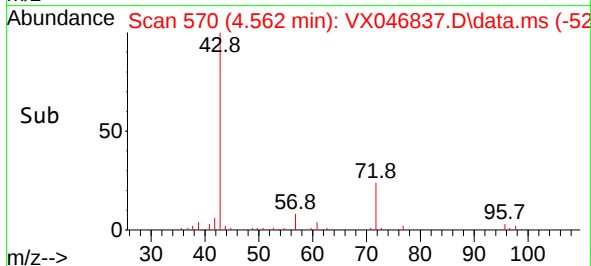
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 43 Resp: 8004
Ion Ratio Lower Upper
43 100
72 23.7 20.2 30.4

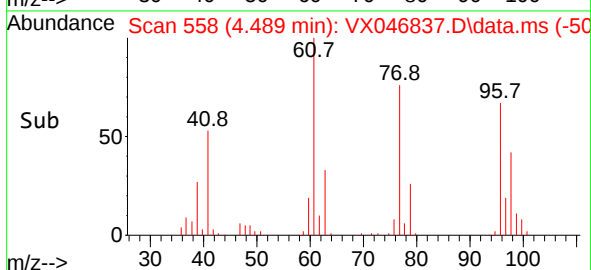
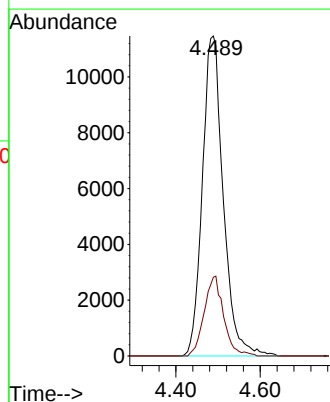
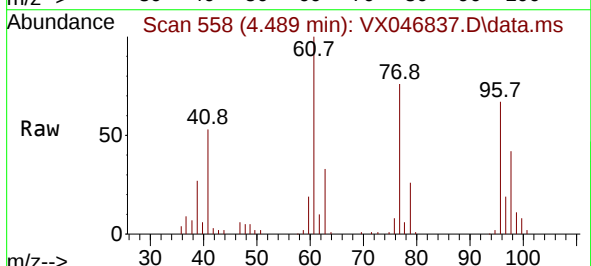
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#26
2,2-Dichloropropane
Concen: 18.019 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 77 Resp: 39523
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.141 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBSD01

Tgt Ion: 96 Resp: 36598

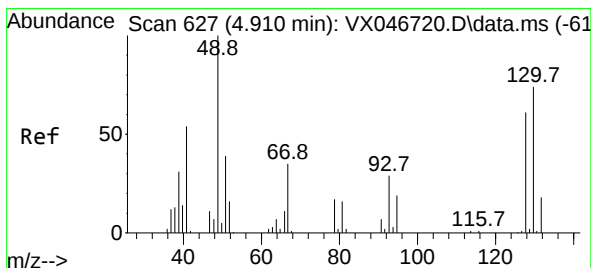
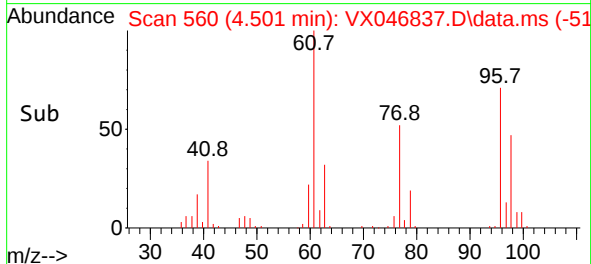
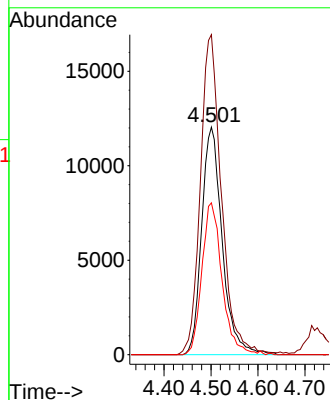
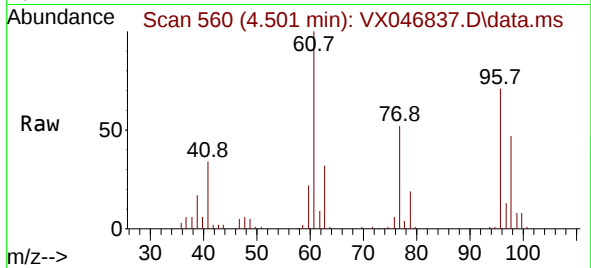
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	291.0
98	65.5	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#28

Bromochloromethane

Concen: 21.759 ug/l

RT: 4.909 min Scan# 627

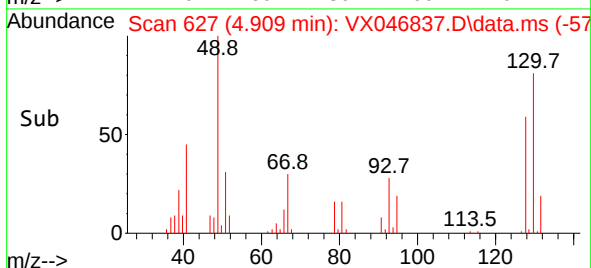
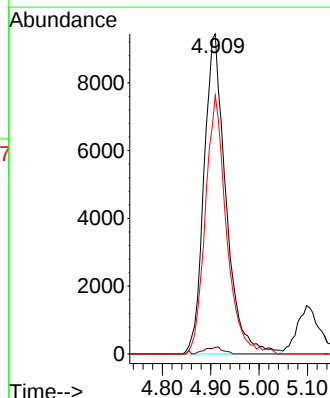
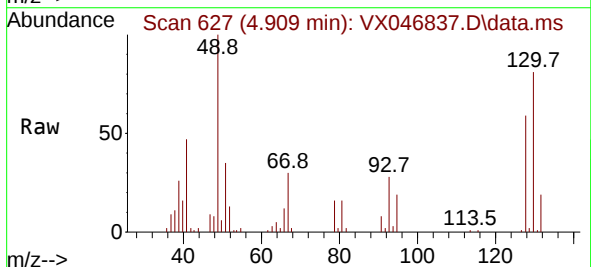
Delta R.T. -0.000 min

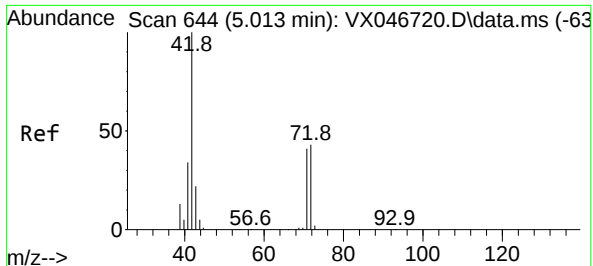
Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Tgt Ion: 49 Resp: 29668

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	77.8	61.4	92.0





#29

Tetrahydrofuran

Concen: 90.189 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBS01

Tgt Ion: 42 Resp: 52330

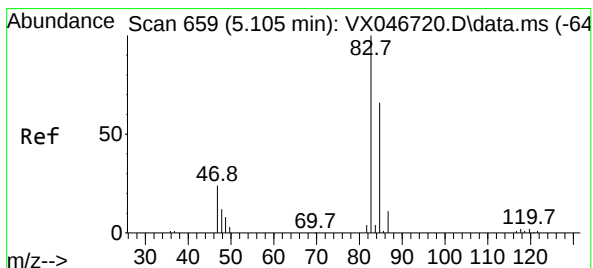
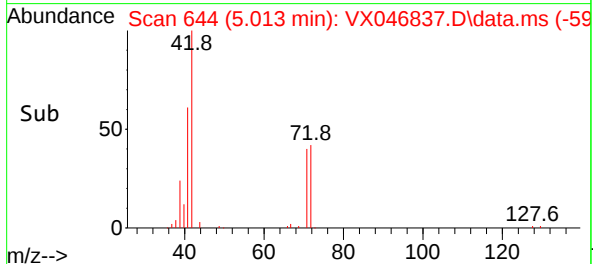
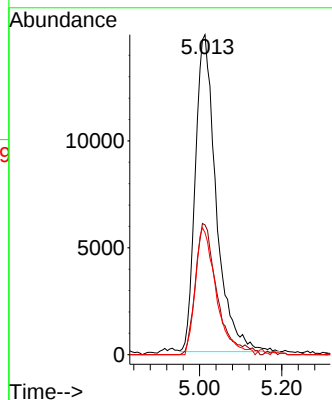
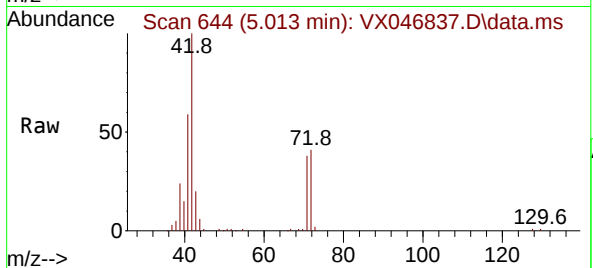
Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.9	52.3
71	39.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#30

Chloroform

Concen: 19.496 ug/l

RT: 5.104 min Scan# 659

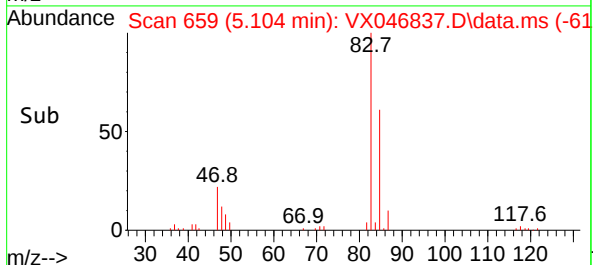
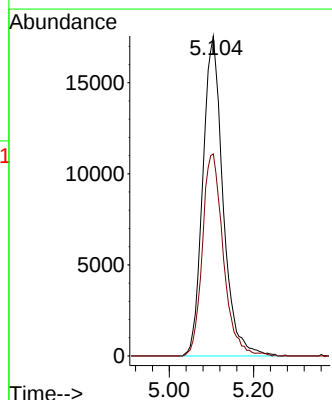
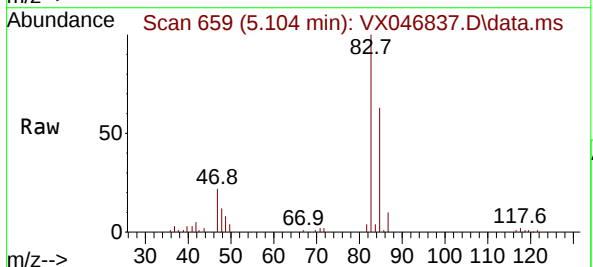
Delta R.T. -0.000 min

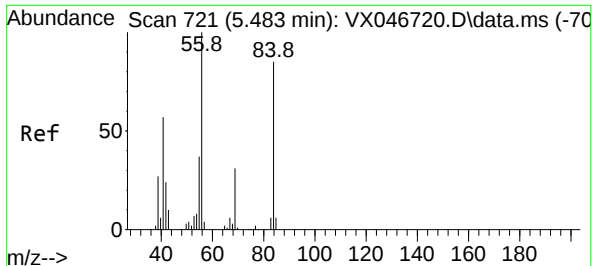
Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Tgt Ion: 83 Resp: 58638

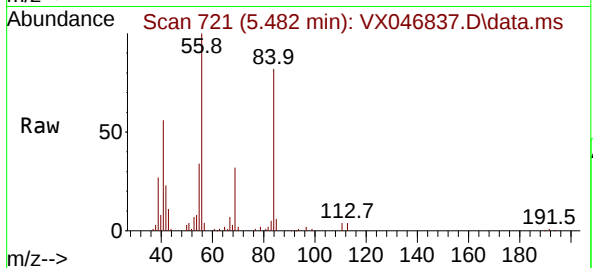
Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.7	80.5





#31
Cyclohexane
Concen: 18.424 ug/l
RT: 5.482 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

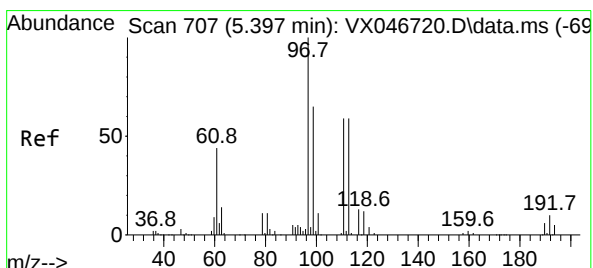
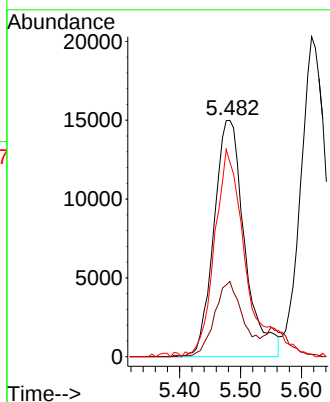
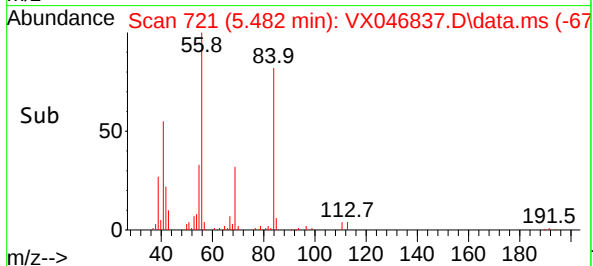
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion: 56 Resp: 5254
Ion Ratio Lower Upper
56 100
69 31.3 24.8 37.2
84 80.7 68.2 102.2

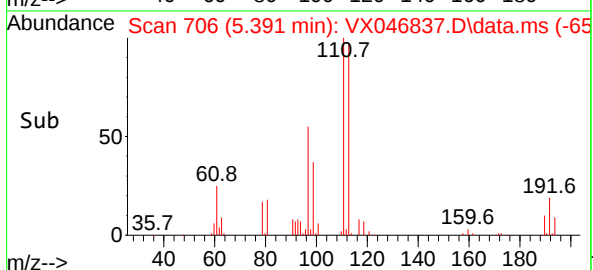
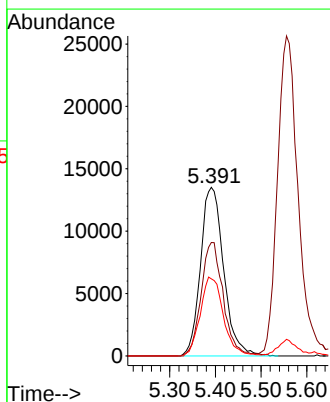
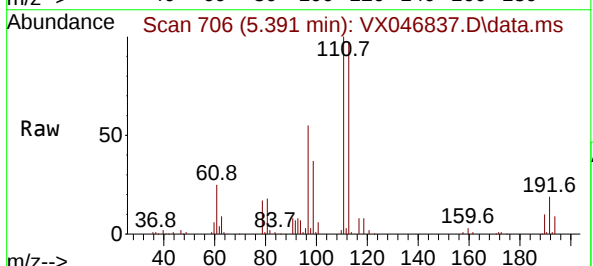
Manual Integrations
APPROVED

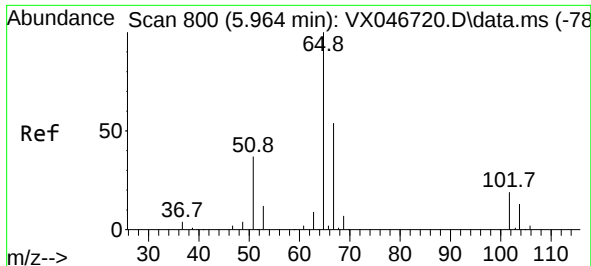
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#32
1,1,1-Trichloroethane
Concen: 17.999 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

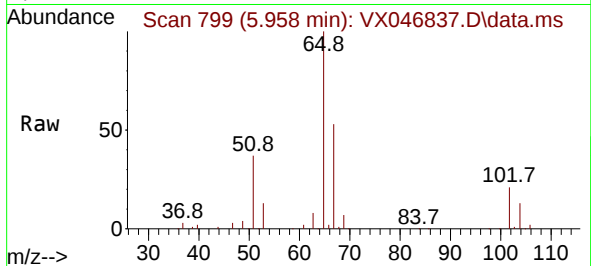
Tgt Ion: 97 Resp: 47478
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 46.6 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 48.966 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

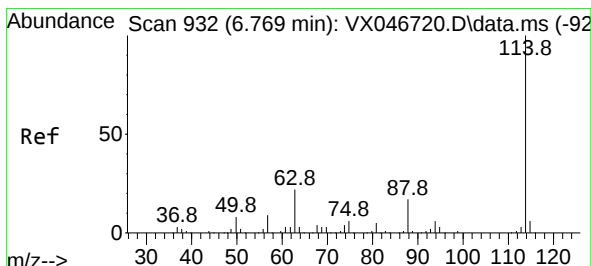
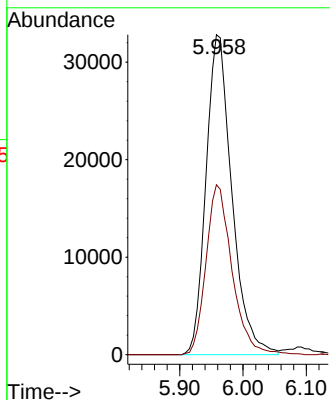
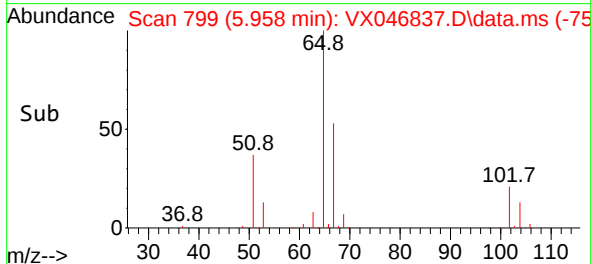
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBSD01



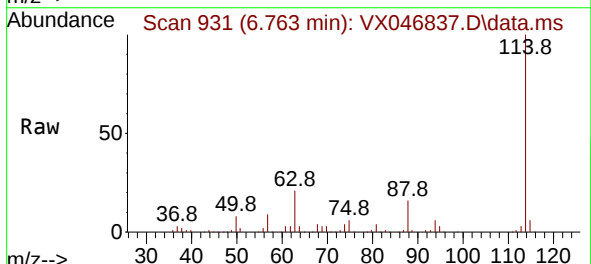
Tgt Ion: 65 Resp: 93264
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.4

Manual Integrations
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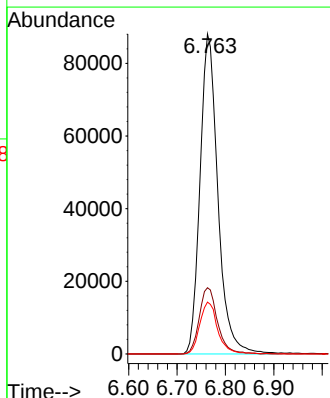
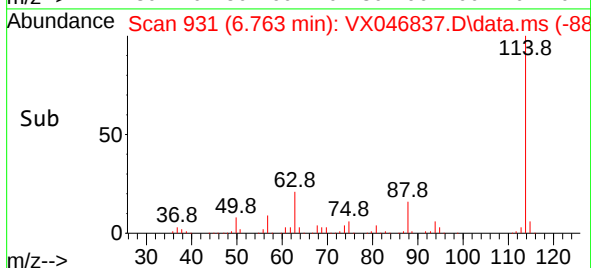
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

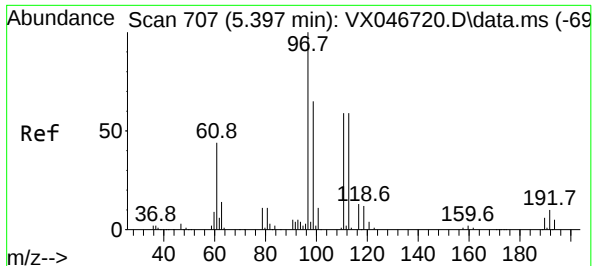


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27



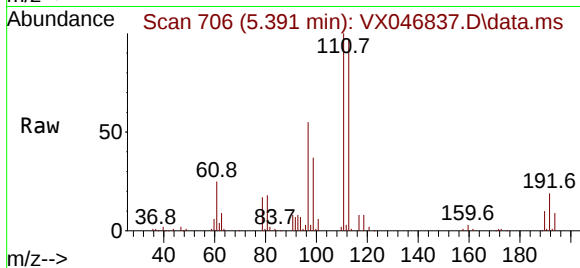
Tgt Ion:114 Resp: 226180
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.2
 88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.170 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

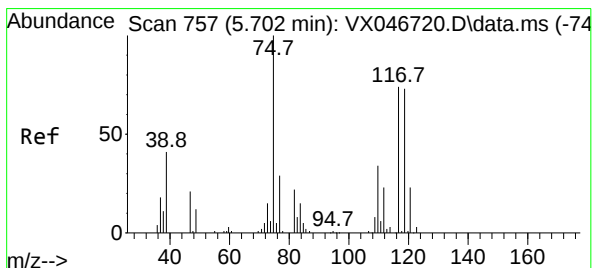
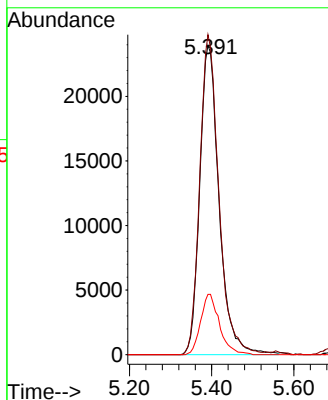
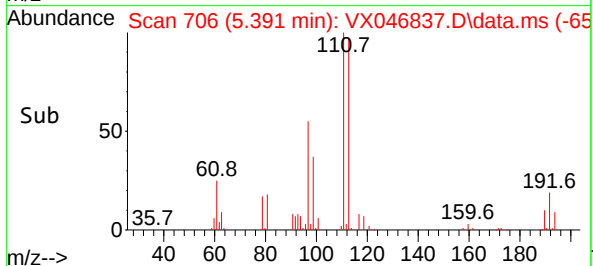
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion:113 Resp: 78072
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.1 15.3 22.9

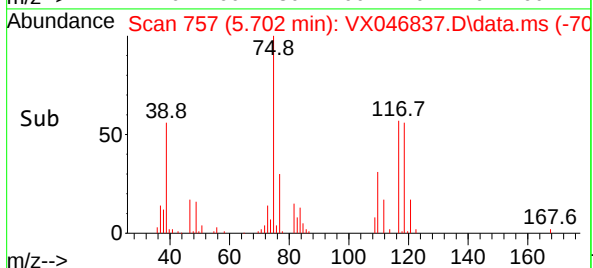
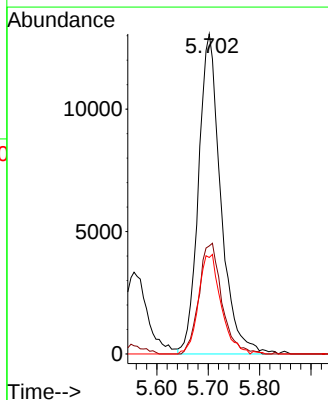
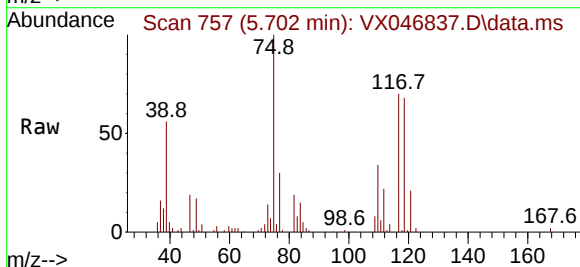
Manual Integrations
APPROVED

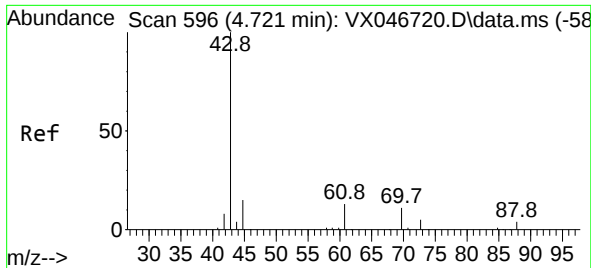
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#36
1,1-Dichloropropene
Concen: 18.215 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

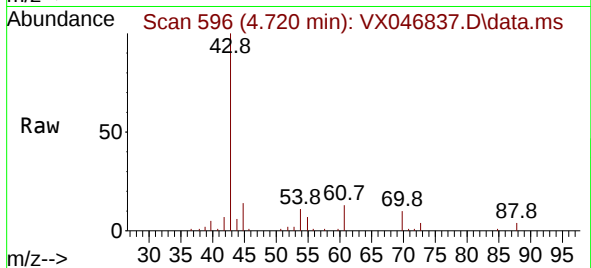
Tgt Ion: 75 Resp: 39349
Ion Ratio Lower Upper
75 100
110 35.6 17.2 51.5
77 31.5 24.2 36.4





#37
Ethyl Acetate
Concen: 16.854 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

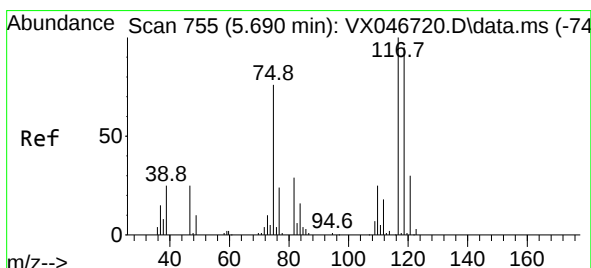
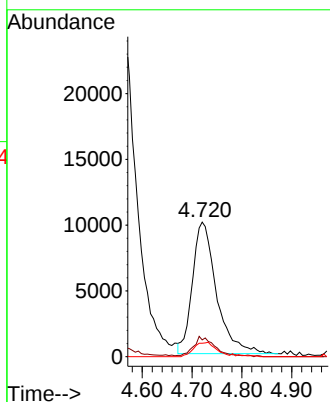
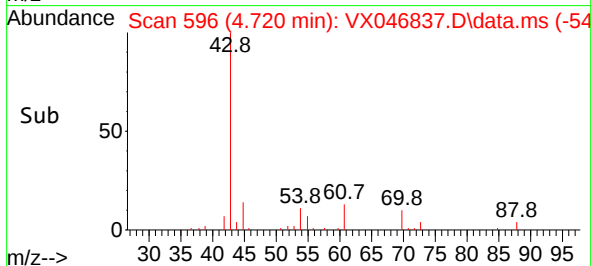
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion: 43 Resp: 33600
Ion Ratio Lower Upper
43 100
61 13.9 9.7 14.5
70 10.0 8.1 12.1

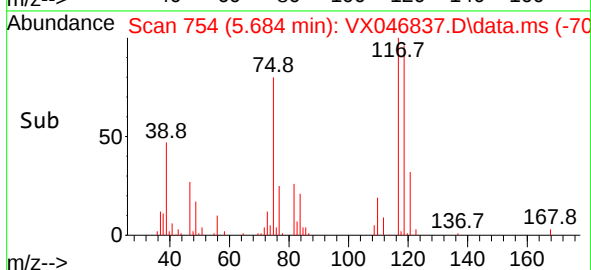
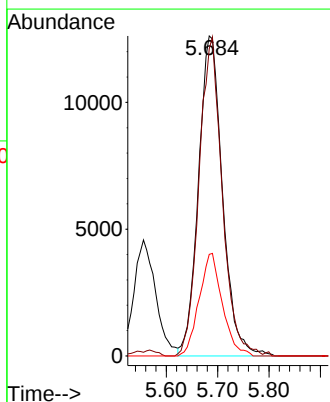
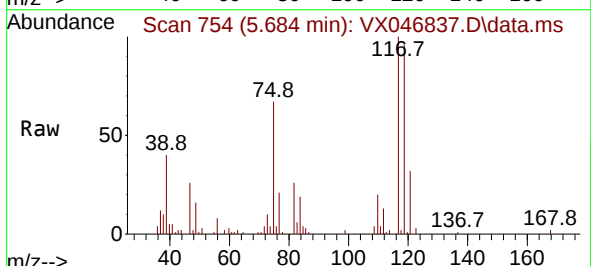
Manual Integrations
APPROVED

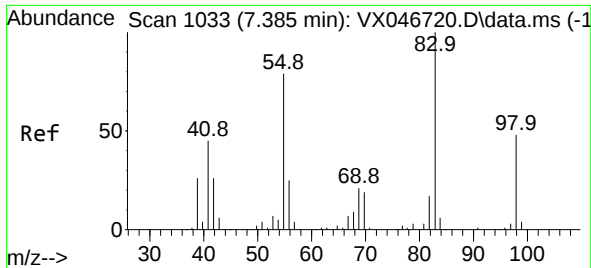
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#38
Carbon Tetrachloride
Concen: 17.486 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion:117 Resp: 40994
Ion Ratio Lower Upper
117 100
119 96.0 75.2 112.8
121 31.7 24.1 36.1





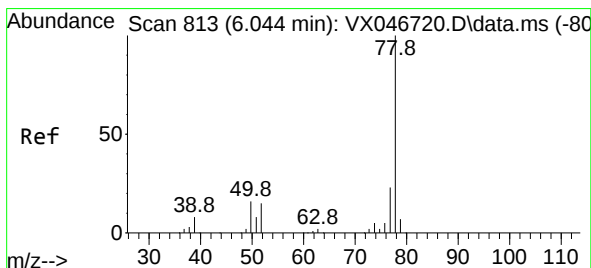
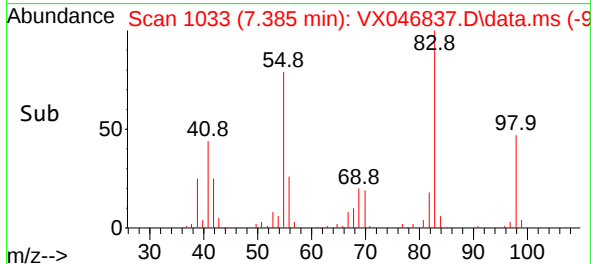
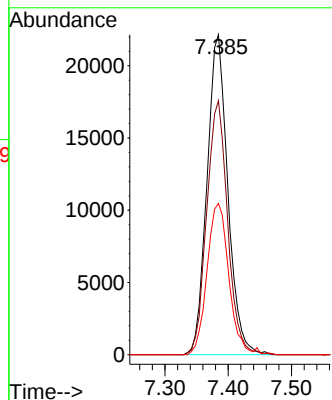
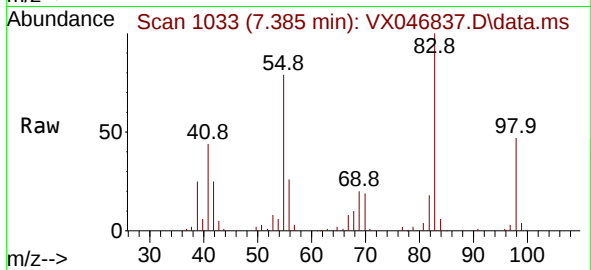
#39
Methylcyclohexane
Concen: 17.863 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01

Tgt Ion: 83 Resp: 50779
Ion Ratio Lower Upper
83 100
55 79.4 63.0 94.4
98 47.3 38.8 58.2

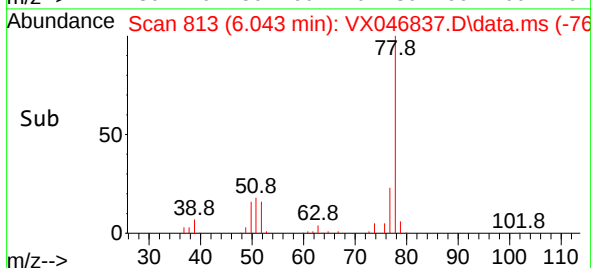
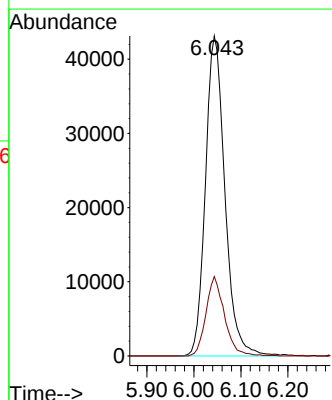
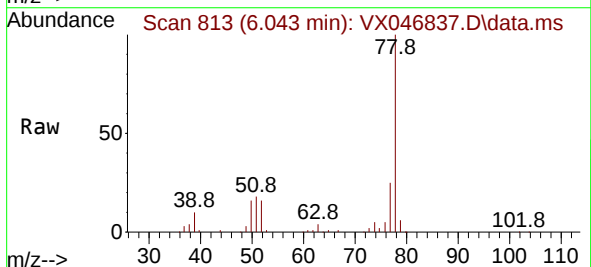
Manual Integrations
APPROVED

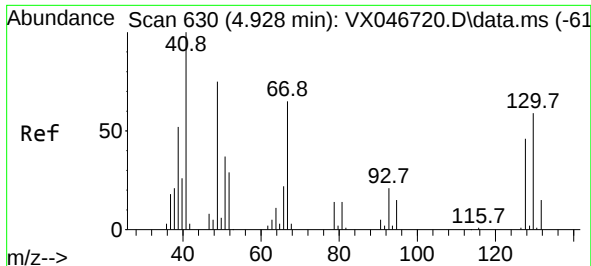
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#40
Benzene
Concen: 19.392 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

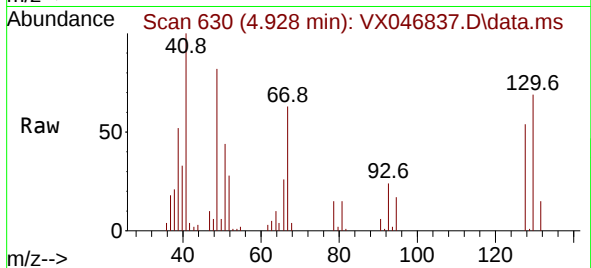
Tgt Ion: 78 Resp: 123977
Ion Ratio Lower Upper
78 100
77 24.8 18.8 28.2





#41
Methacrylonitrile
Concen: 19.708 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

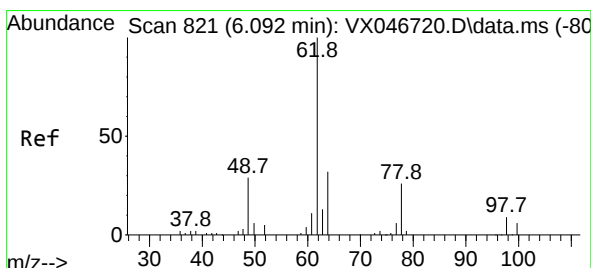
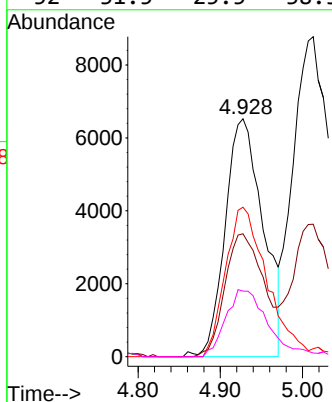
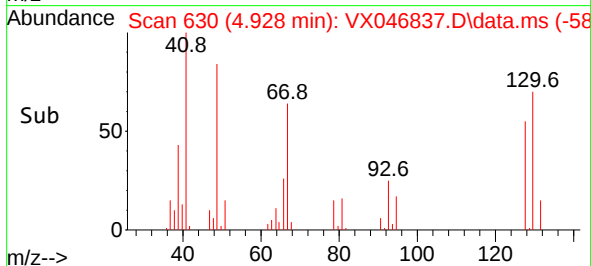
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 41 Resp: 20950
Ion Ratio Lower Upper
41 100
39 51.3 45.9 68.9
67 69.5 61.2 91.8
52 31.5 25.5 38.3

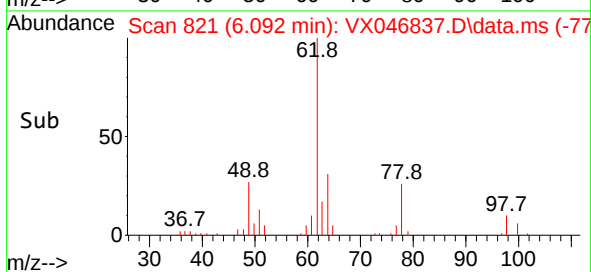
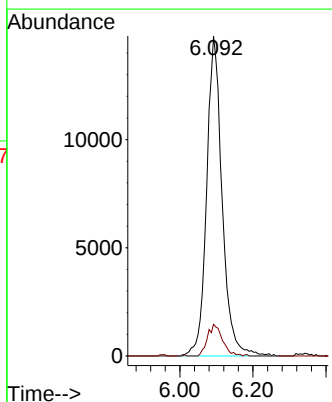
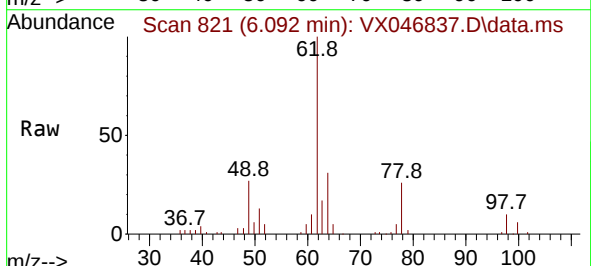
Manual Integrations
APPROVED

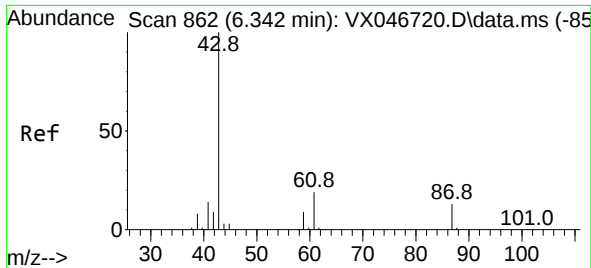
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#42
1,2-Dichloroethane
Concen: 19.295 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

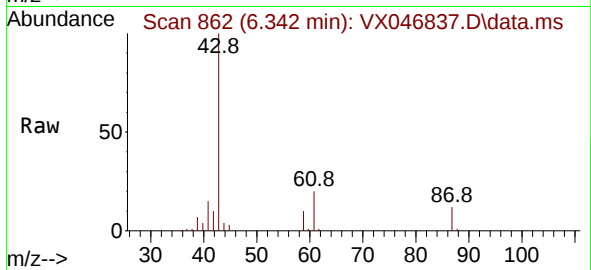
Tgt Ion: 62 Resp: 43347
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.8





#43
Isopropyl Acetate
Concen: 18.346 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

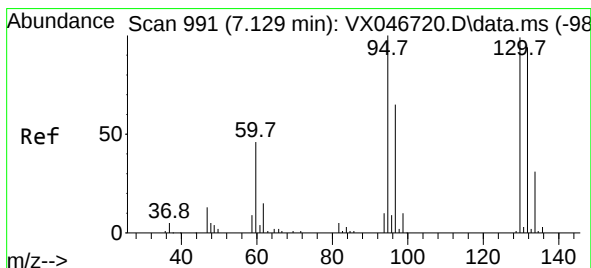
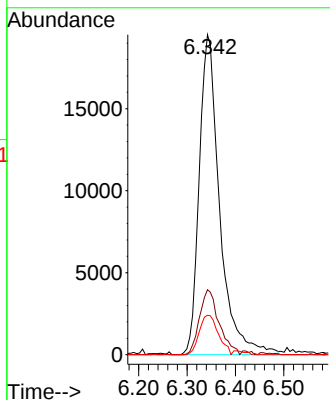
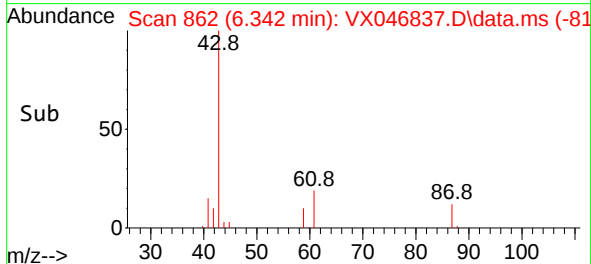
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 43 Resp: 5724
Ion Ratio Lower Upper
43 100
61 19.4 15.3 22.9
87 11.4 10.0 15.0

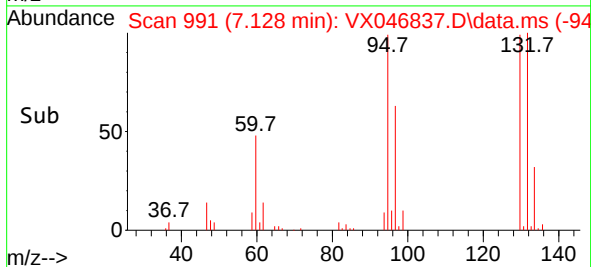
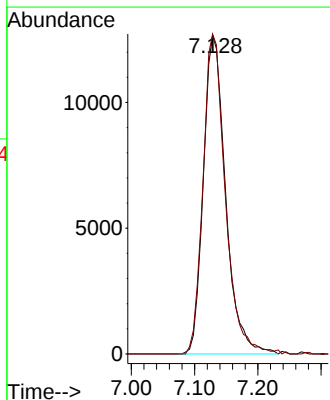
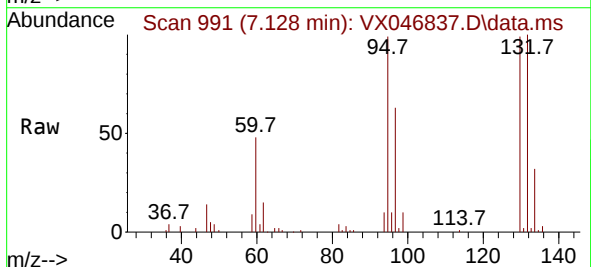
Manual Integrations
APPROVED

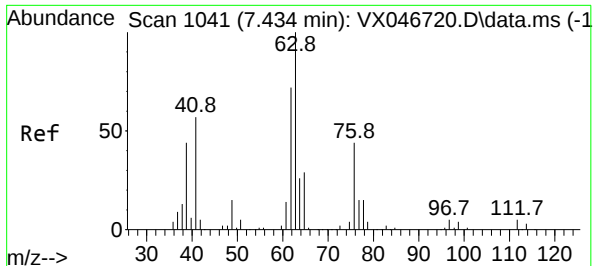
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#44
Trichloroethene
Concen: 18.965 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion:130 Resp: 30899
Ion Ratio Lower Upper
130 100
95 100.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.852 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBS01

Tgt Ion: 63 Resp: 31454

Ion Ratio Lower Upper

63 100

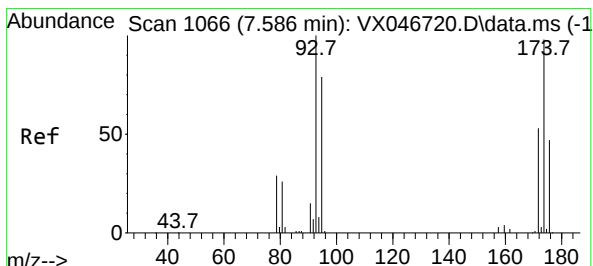
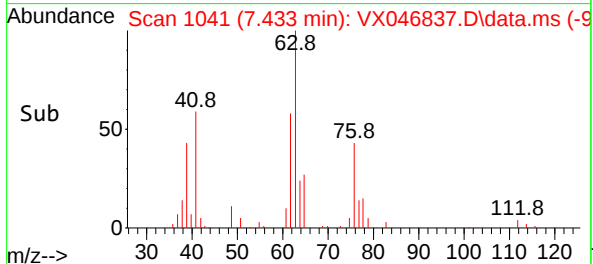
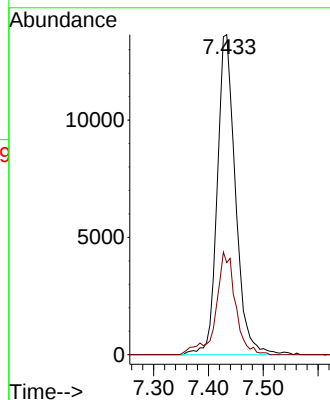
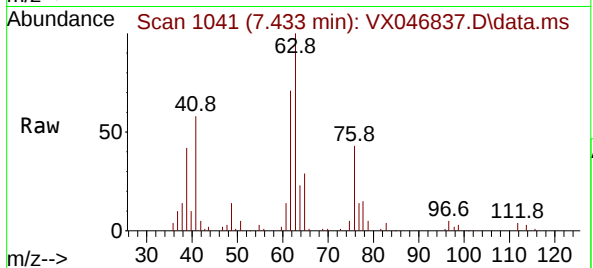
65 28.8 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#46

Dibromomethane

Concen: 19.130 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

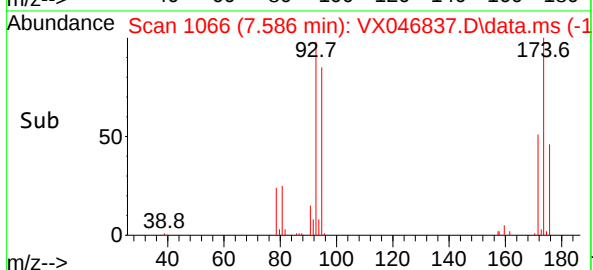
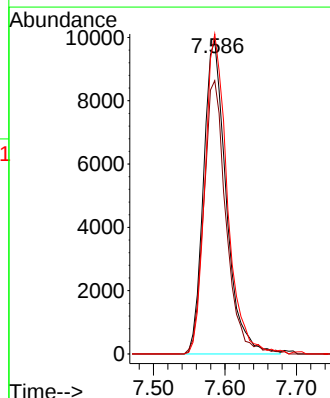
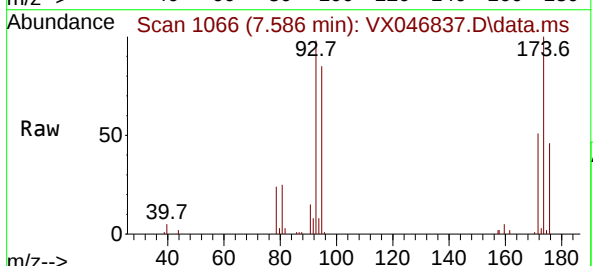
Tgt Ion: 93 Resp: 21783

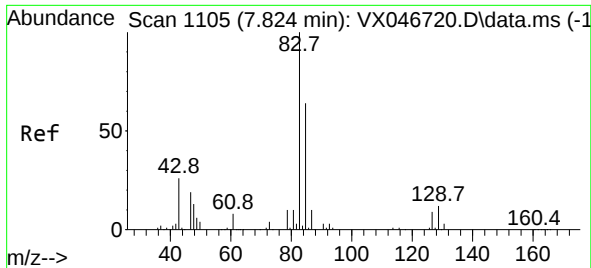
Ion Ratio Lower Upper

93 100

95 85.9 66.2 99.4

174 101.0 77.0 115.6





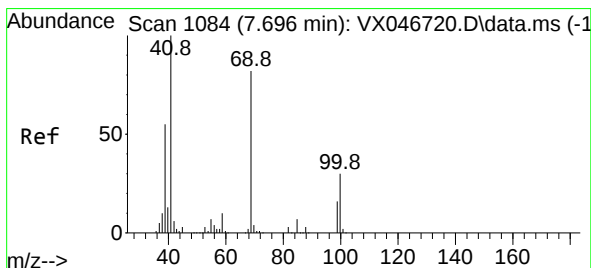
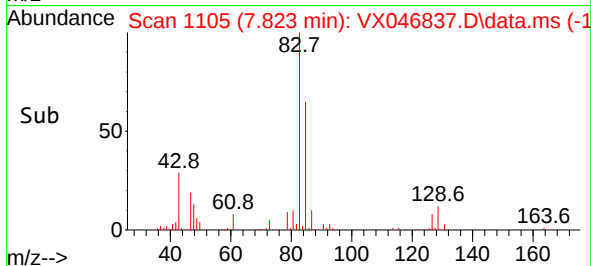
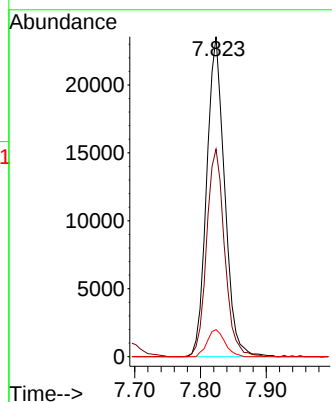
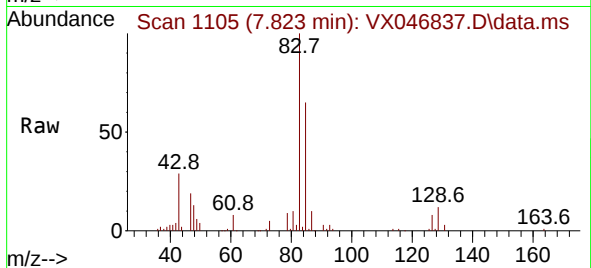
#47
Bromodichloromethane
Concen: 19.218 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01

Tgt Ion: 83 Resp: 44658
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2
127 8.5 6.9 10.3

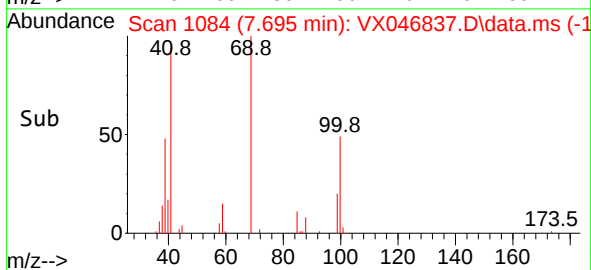
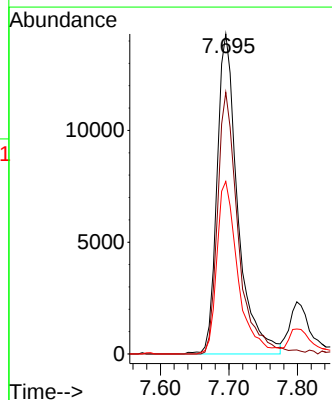
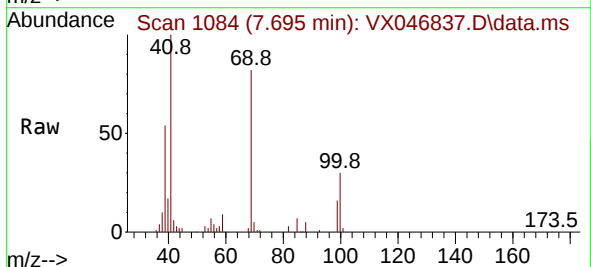
Manual Integrations
APPROVED

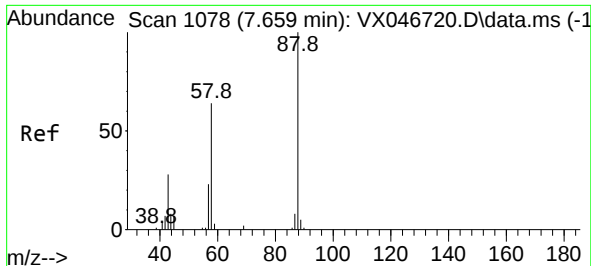
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#48
Methyl methacrylate
Concen: 19.248 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

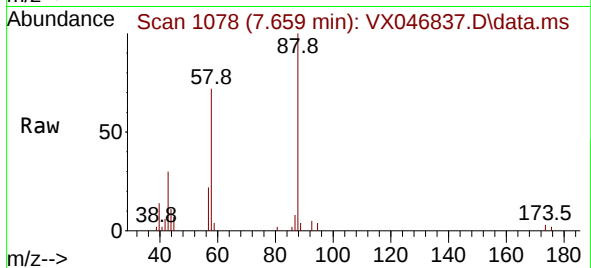
Tgt Ion: 41 Resp: 30121
Ion Ratio Lower Upper
41 100
69 81.3 63.4 95.2
39 54.7 45.4 68.0





#49
1,4-Dioxane
Concen: 360.961 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

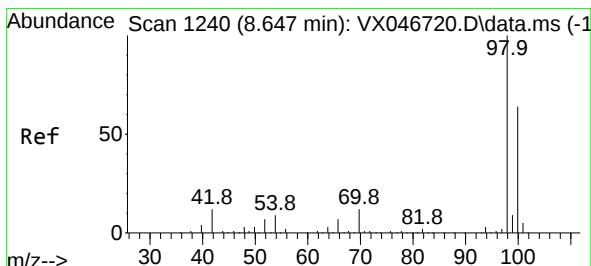
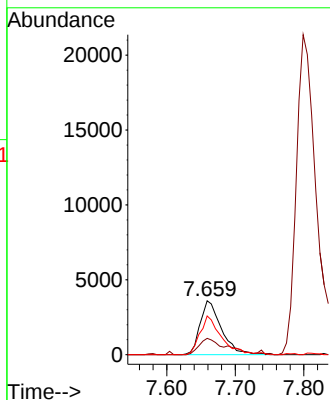
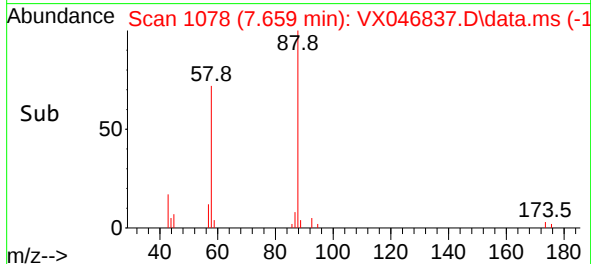
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 88 Resp: 7795
Ion Ratio Lower Upper
88 100
43 37.9 31.2 46.8
58 72.1 54.7 82.1

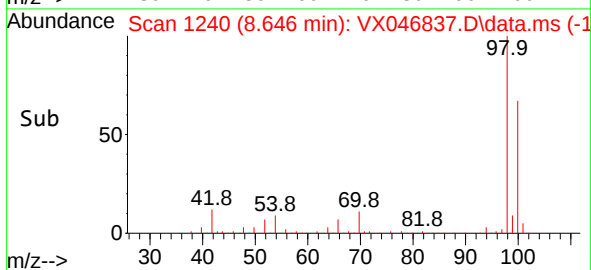
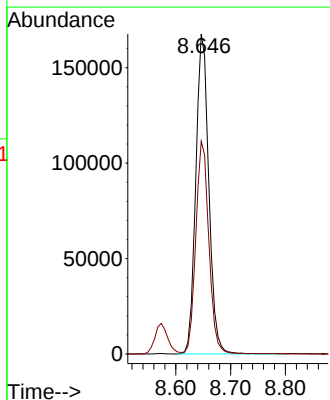
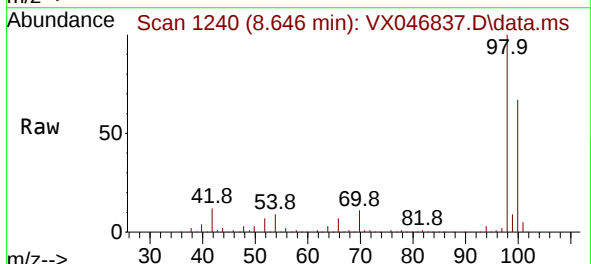
Manual Integrations
APPROVED

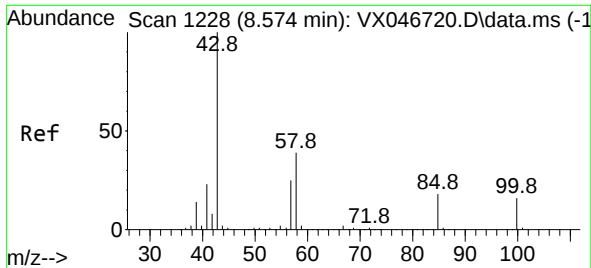
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#50
Toluene-d8
Concen: 51.616 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 98 Resp: 277511
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





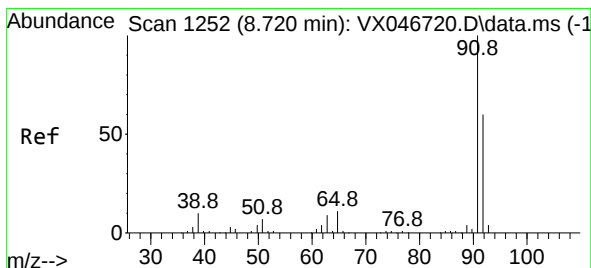
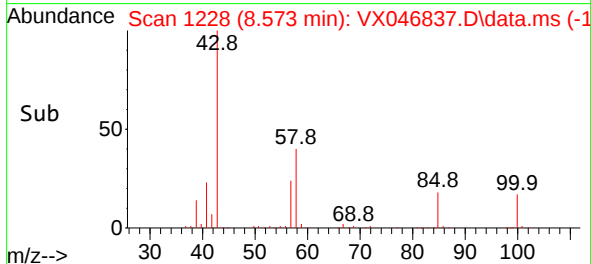
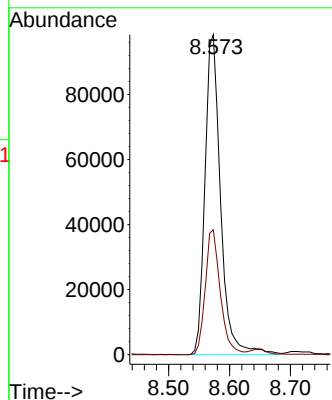
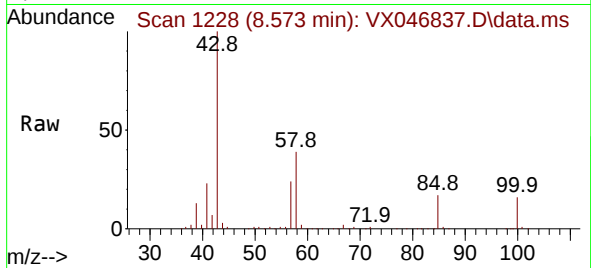
#51
4-Methyl-2-Pentanone
Concen: 94.396 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01

Tgt Ion: 43 Resp: 17566
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2

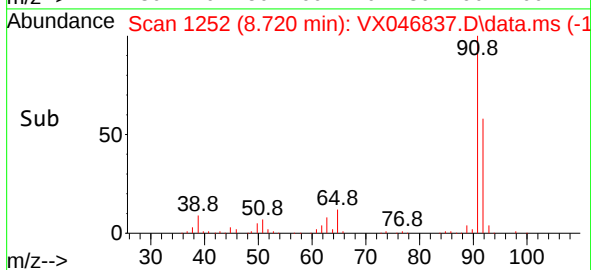
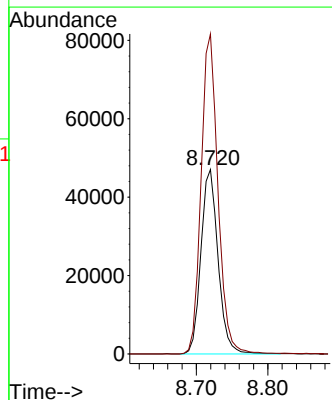
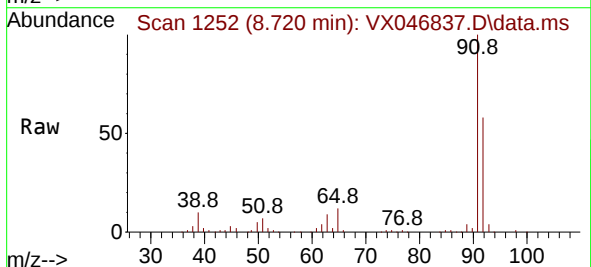
Manual Integrations
APPROVED

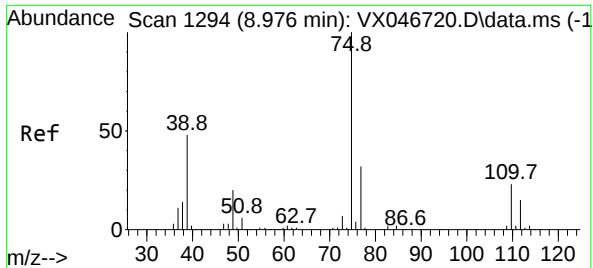
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#52
Toluene
Concen: 19.744 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

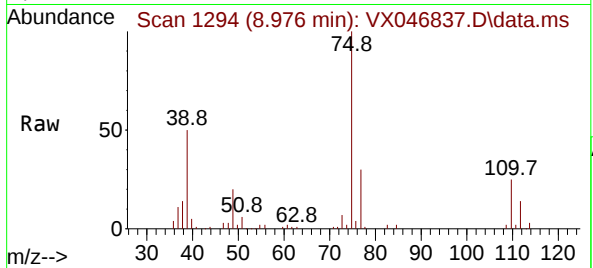
Tgt Ion: 92 Resp: 78252
Ion Ratio Lower Upper
92 100
91 170.6 134.8 202.2





#53
t-1,3-Dichloropropene
Concen: 19.146 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

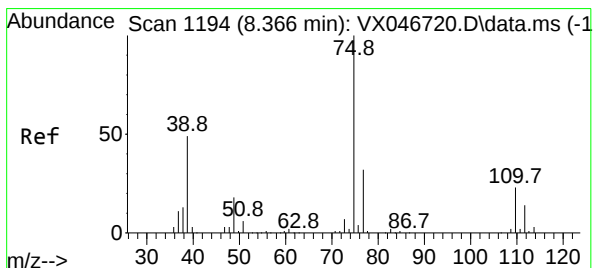
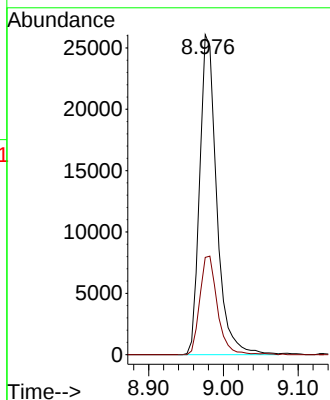
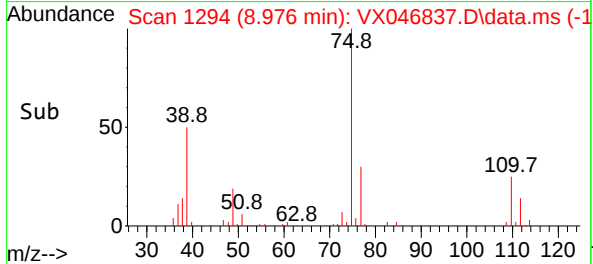
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



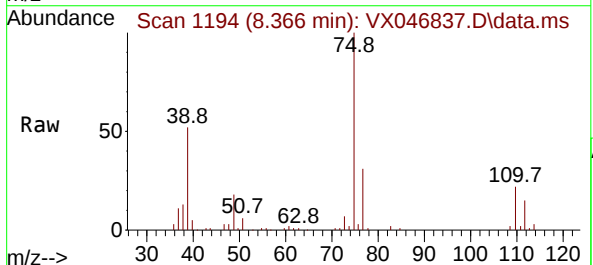
Tgt Ion: 75 Resp: 41279
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

Manual Integrations
APPROVED

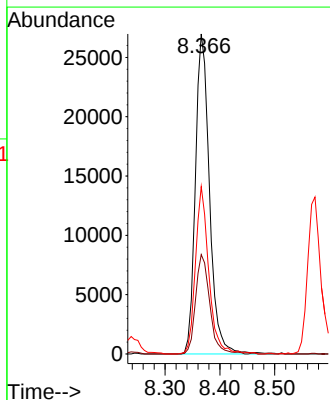
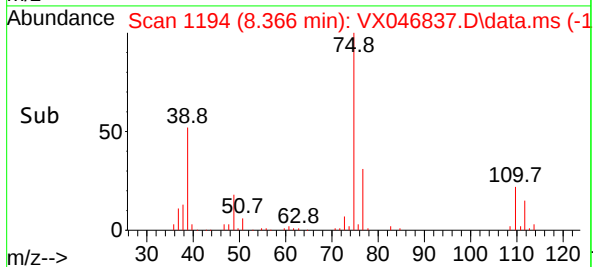
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

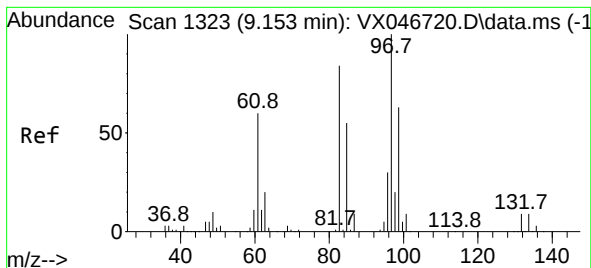


#54
cis-1,3-Dichloropropene
Concen: 19.746 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27



Tgt Ion: 75 Resp: 48329
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 52.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.486 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBS01

Tgt Ion: 97 Resp: 3025

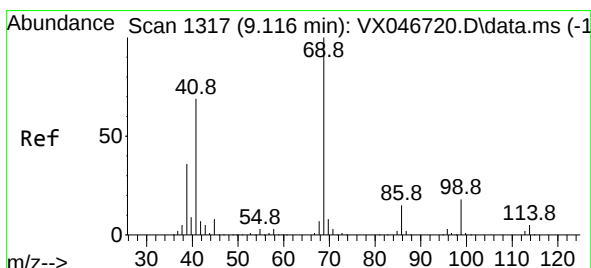
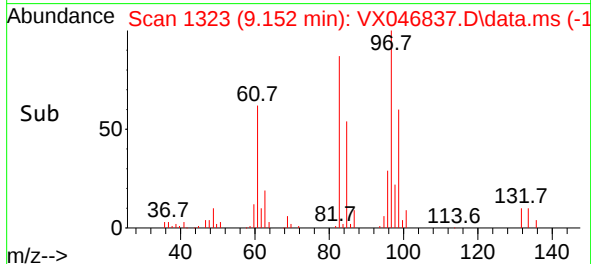
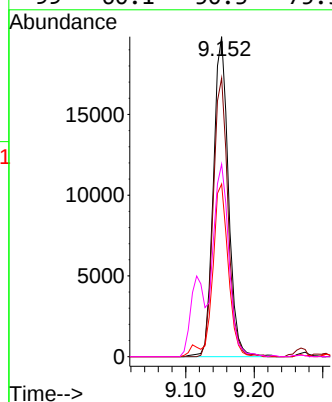
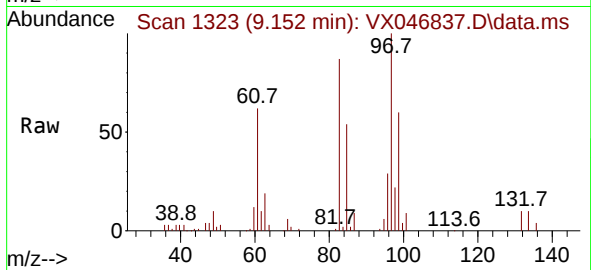
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.2	100.8
85	53.9	44.1	66.1
99	60.1	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#56

Ethyl methacrylate

Concen: 19.585 ug/l

RT: 9.116 min Scan# 1317

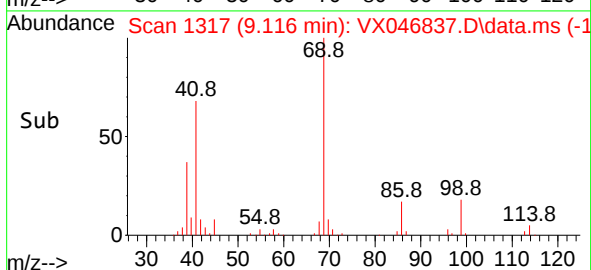
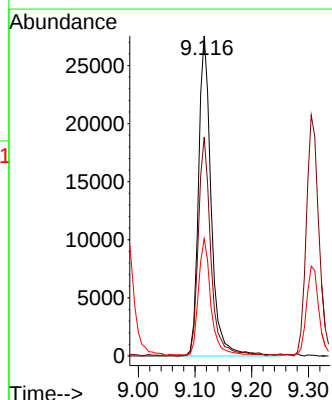
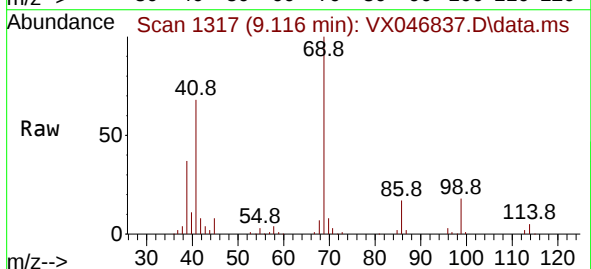
Delta R.T. -0.000 min

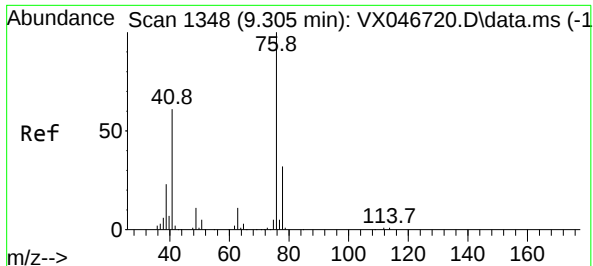
Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Tgt Ion: 69 Resp: 42701

Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.4	83.2
39	37.0	29.7	44.5





#57

1,3-Dichloropropane

Concen: 20.119 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBSD01

Tgt Ion: 76 Resp: 5117

Ion Ratio Lower Upper

76 100

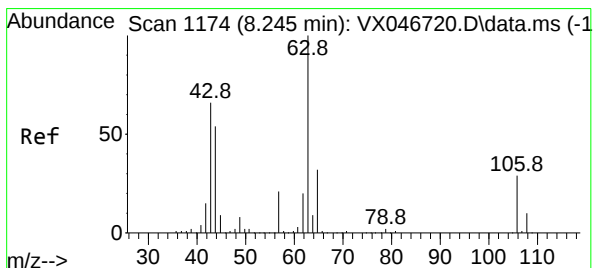
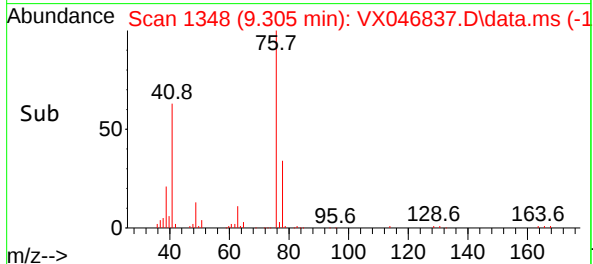
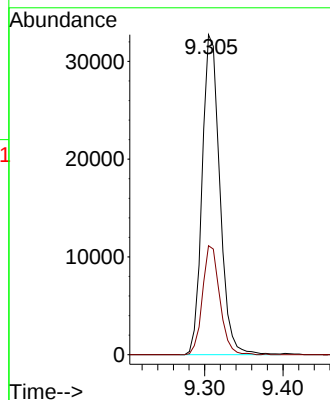
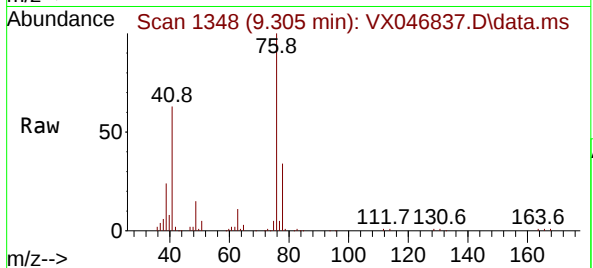
78 33.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.678 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046837.D

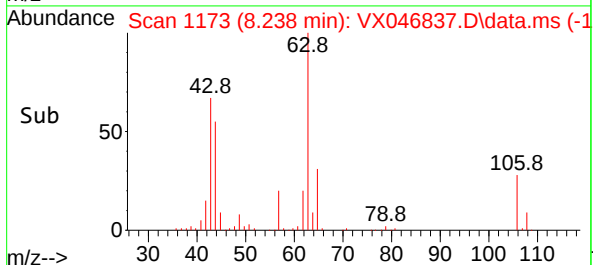
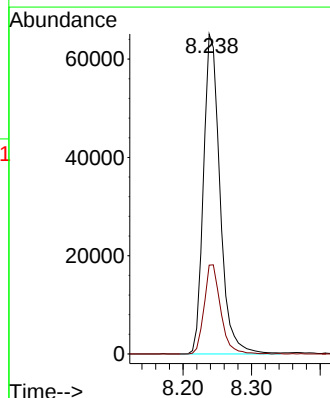
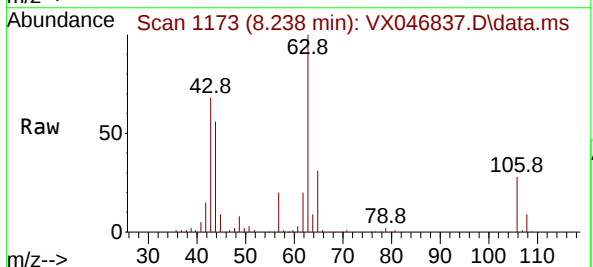
Acq: 30 Jun 2025 13:27

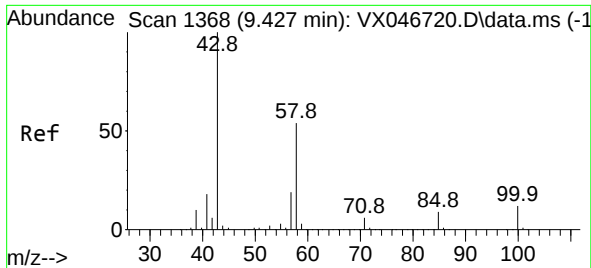
Tgt Ion: 63 Resp: 109495

Ion Ratio Lower Upper

63 100

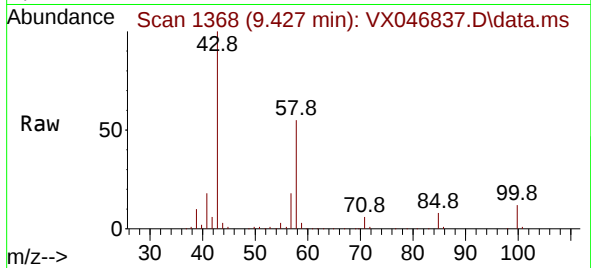
106 27.8 22.6 34.0





#59
2-Hexanone
Concen: 92.362 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

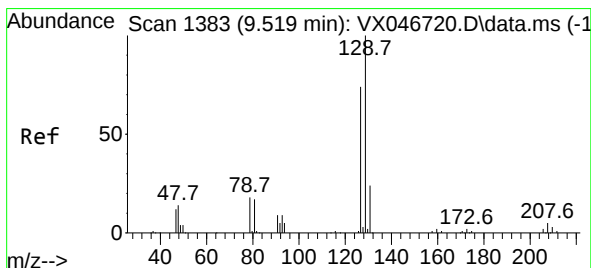
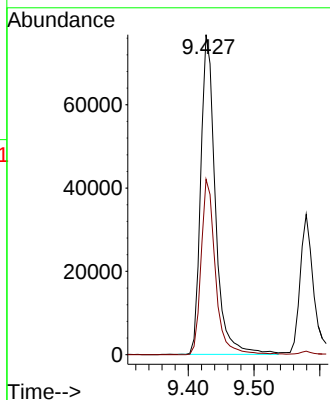
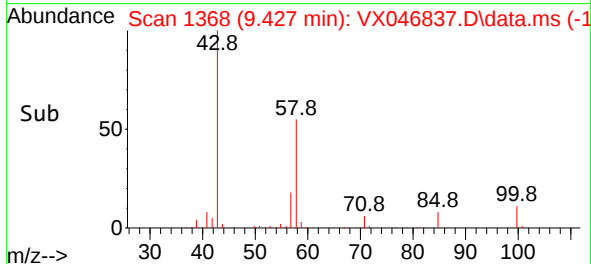
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion: 43 Resp: 118830
Ion Ratio Lower Upper
43 100
58 53.8 26.8 80.4

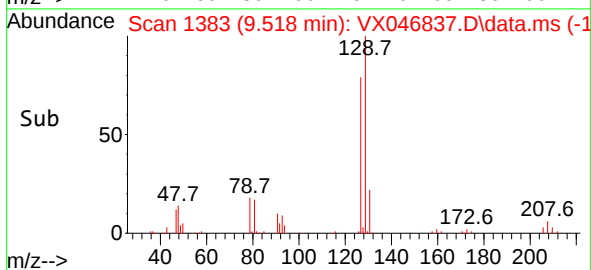
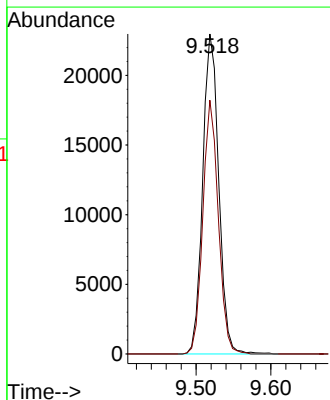
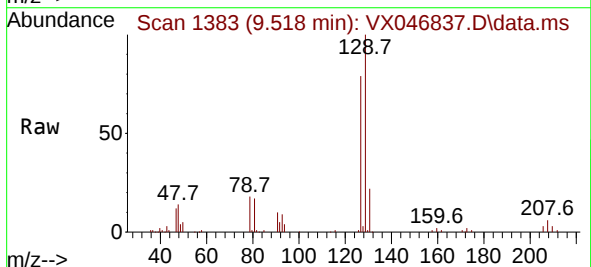
Manual Integrations
APPROVED

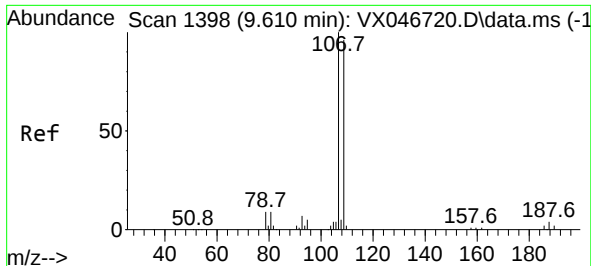
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#60
Dibromochloromethane
Concen: 19.641 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

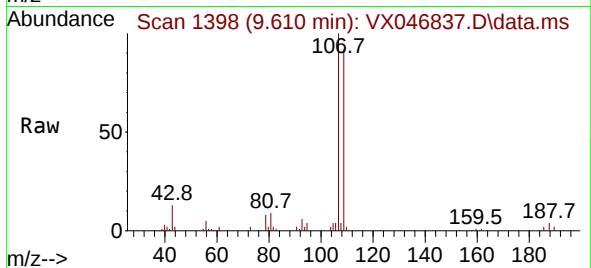
Tgt Ion:129 Resp: 34187
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 20.374 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

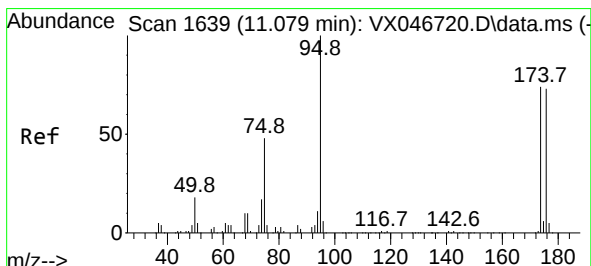
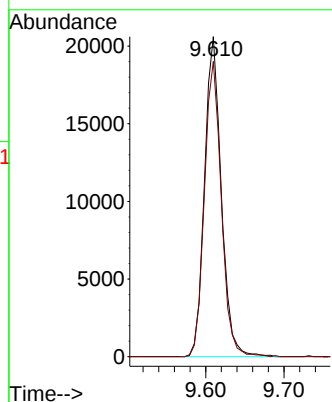
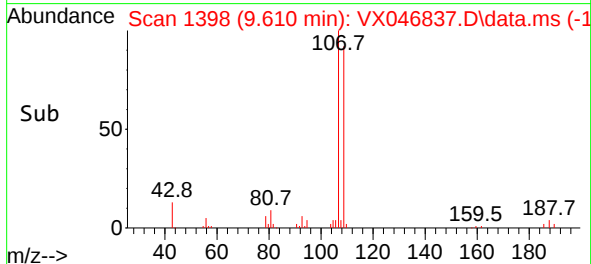
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



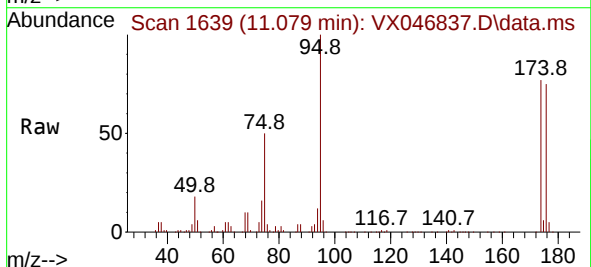
Tgt Ion:107 Resp: 30610
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.6

Manual Integrations
APPROVED

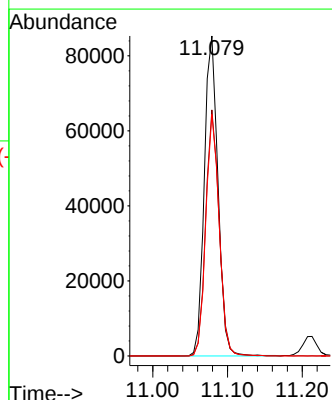
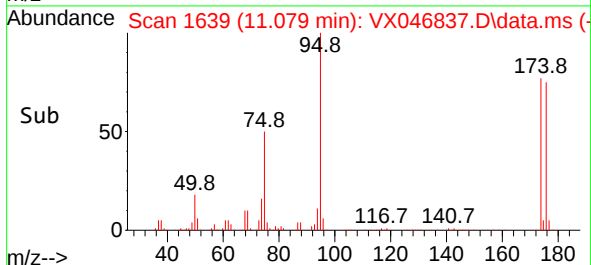
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

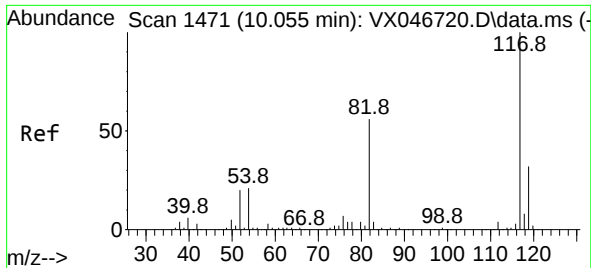


#62
4-Bromofluorobenzene
Concen: 53.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27



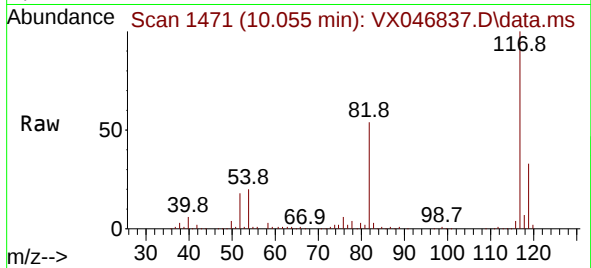
Tgt Ion: 95 Resp: 108209
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.4
176 73.9 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

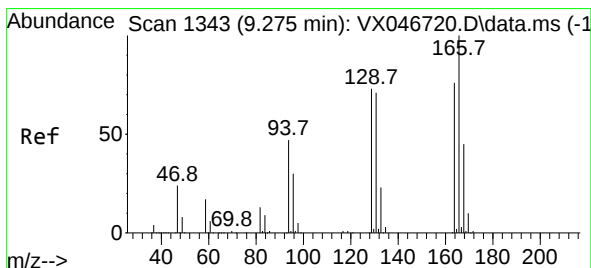
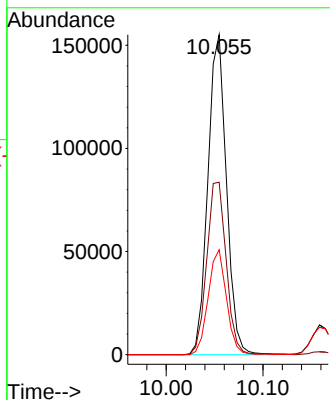
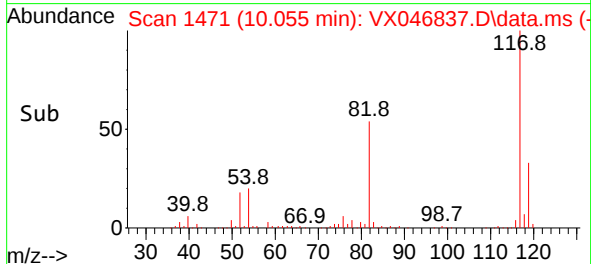
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion:117 Resp: 20716
Ion Ratio Lower Upper
117 100
82 53.9 44.6 66.8
119 32.8 25.8 38.8

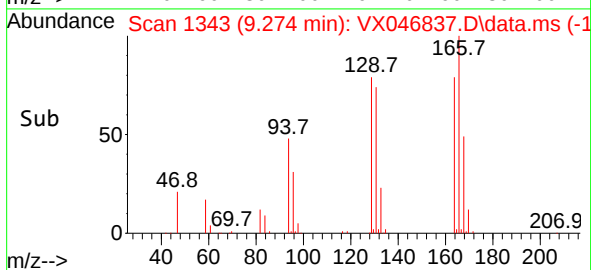
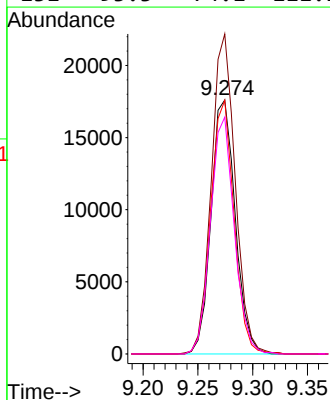
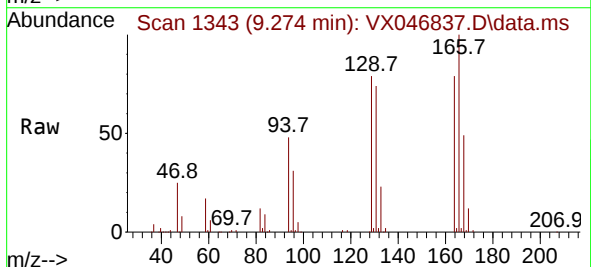
Manual Integrations
APPROVED

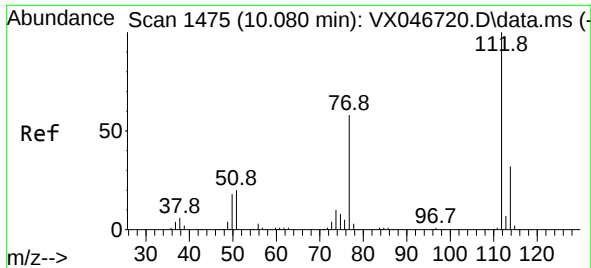
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#64
Tetrachloroethene
Concen: 18.761 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion:164 Resp: 26927
Ion Ratio Lower Upper
164 100
166 126.0 104.6 157.0
129 99.9 76.3 114.5
131 93.3 74.1 111.1





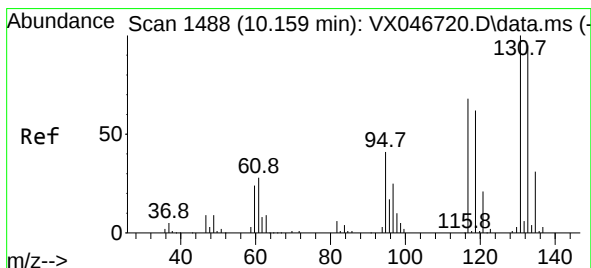
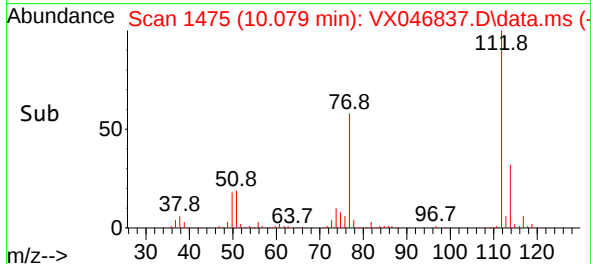
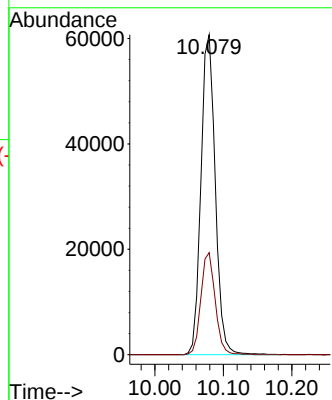
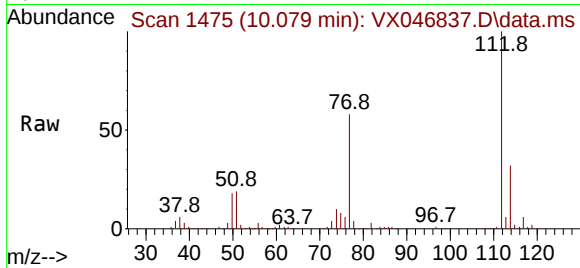
#65
Chlorobenzene
Concen: 19.336 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01

Tgt Ion:112 Resp: 8842
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

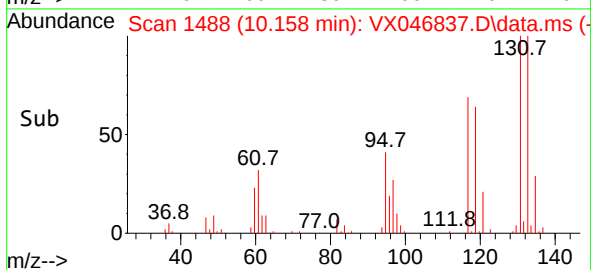
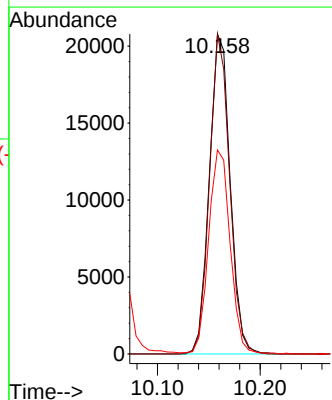
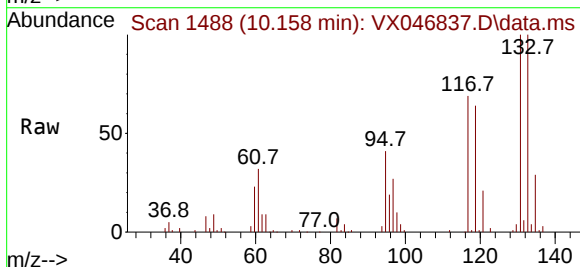
Manual Integrations
APPROVED

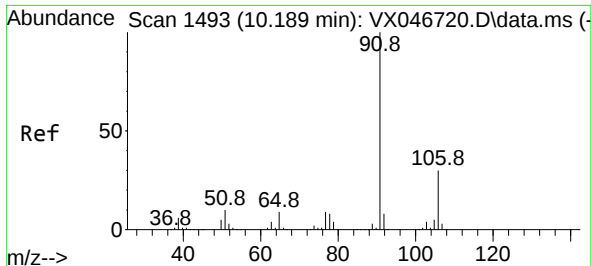
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.053 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

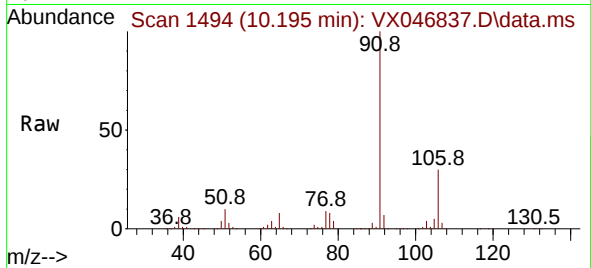
Tgt Ion:131 Resp: 29283
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 66.0 32.1 96.3





#67
Ethyl Benzene
Concen: 18.779 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

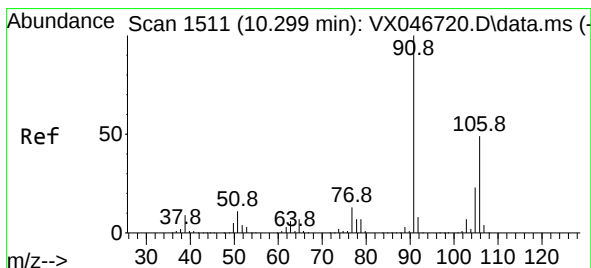
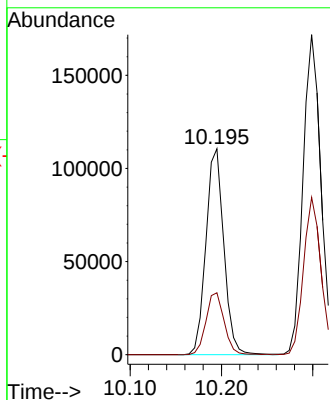
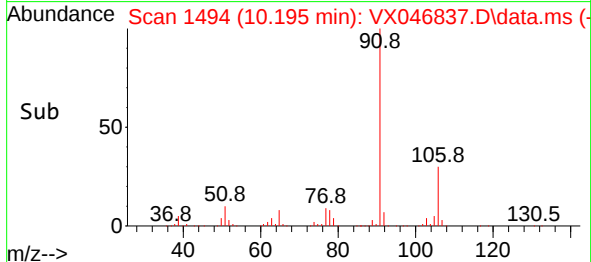
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion: 91 Resp: 150052
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2

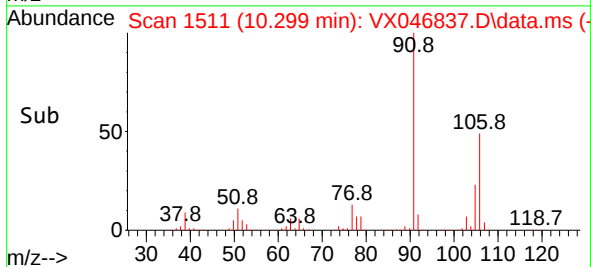
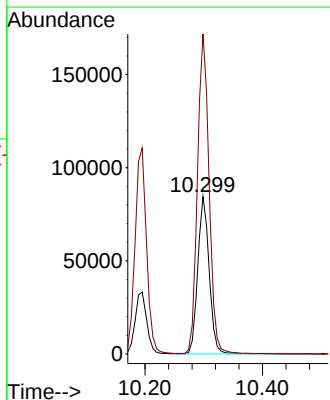
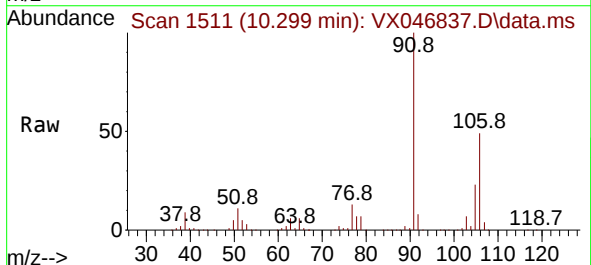
Manual Integrations
APPROVED

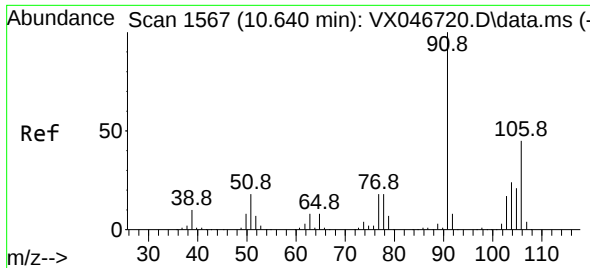
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#68
m/p-Xylenes
Concen: 38.287 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion:106 Resp: 113990
Ion Ratio Lower Upper
106 100
91 206.9 164.8 247.2





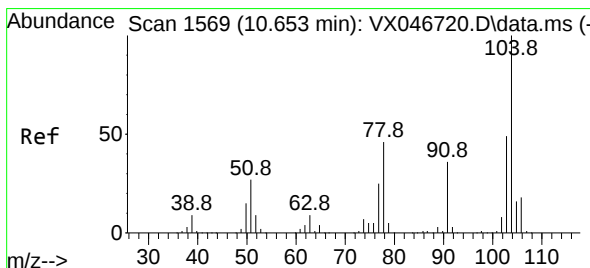
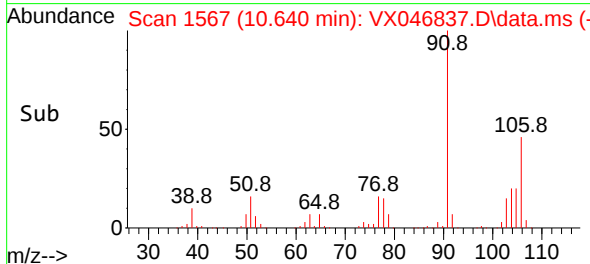
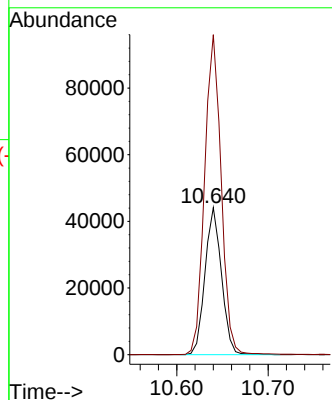
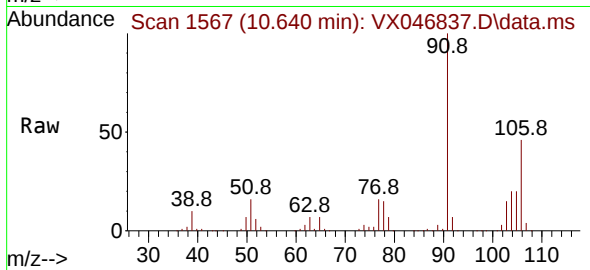
#69
o-Xylene
Concen: 19.761 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01

Tgt Ion:106 Resp: 55138
Ion Ratio Lower Upper
106 100
91 219.3 111.3 333.9

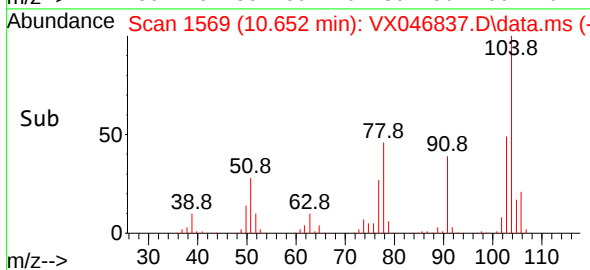
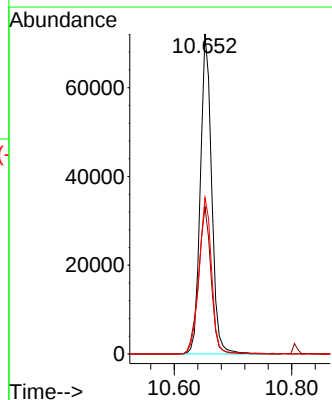
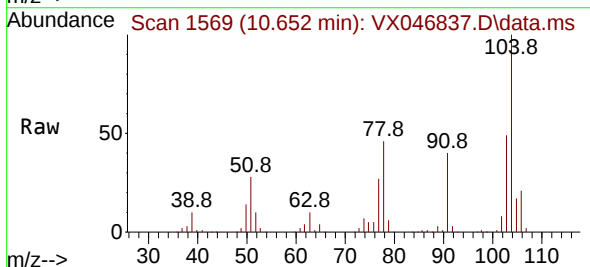
Manual Integrations
APPROVED

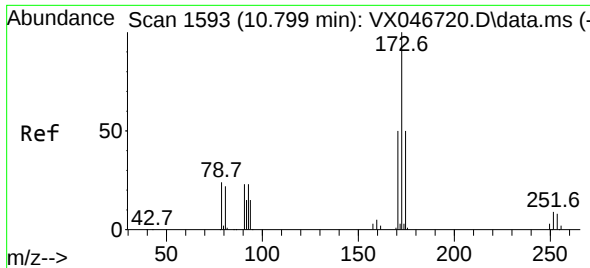
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#70
Styrene
Concen: 19.807 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

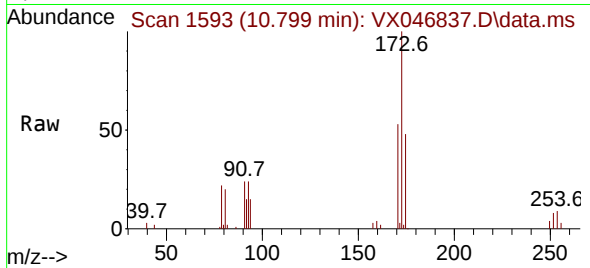
Tgt Ion:104 Resp: 96717
Ion Ratio Lower Upper
104 100
78 50.9 41.4 62.2
103 53.8 43.1 64.7





#71
Bromoform
Concen: 17.984 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

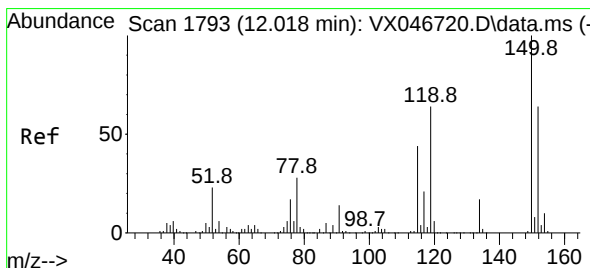
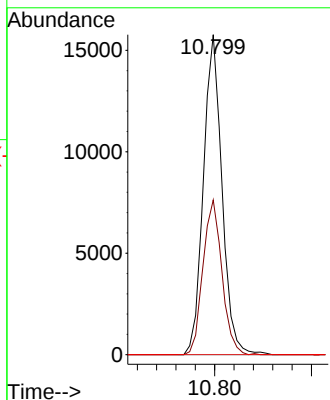
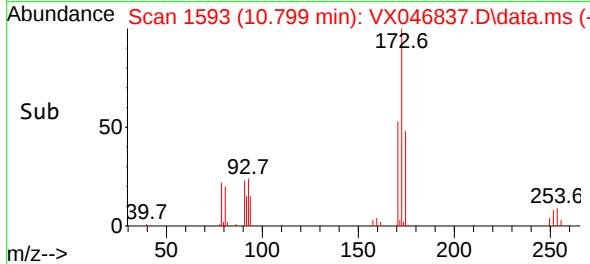
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



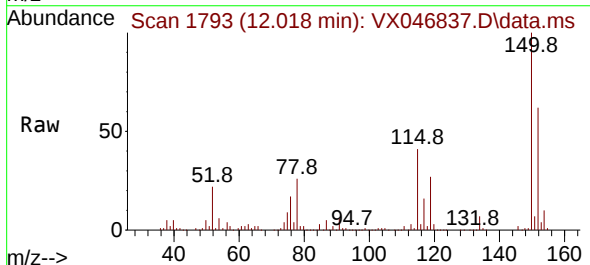
Tgt Ion:173 Resp: 21050
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

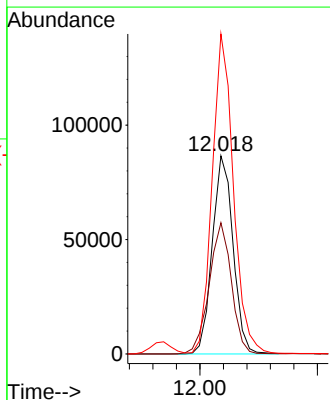
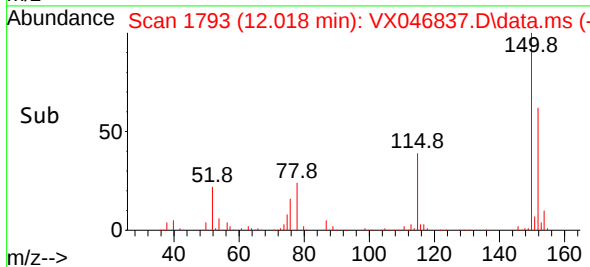
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

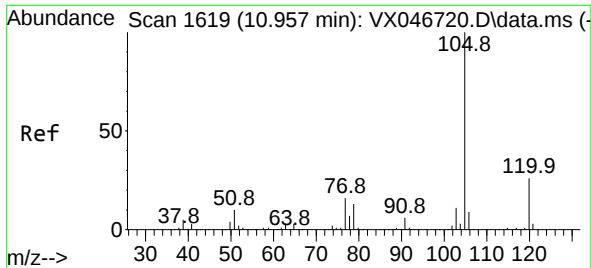


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27



Tgt Ion:152 Resp: 106394
Ion Ratio Lower Upper
152 100
115 70.6 43.2 129.6
150 165.2 0.0 346.8





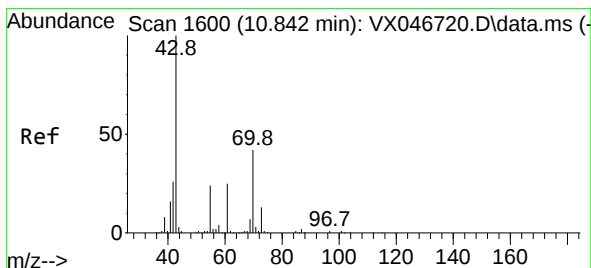
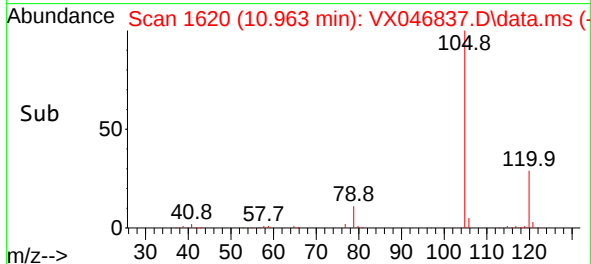
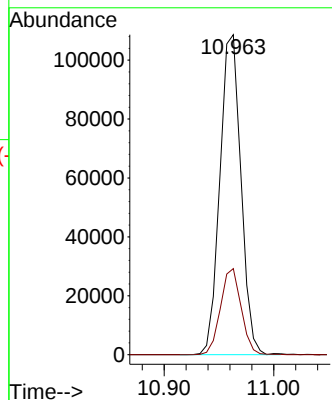
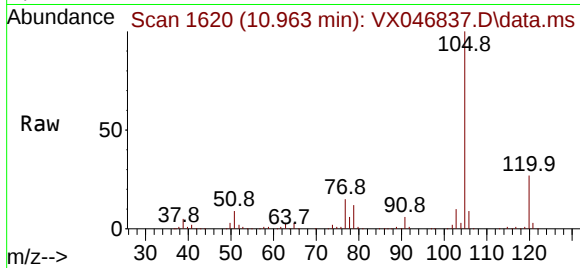
#73
Isopropylbenzene
Concen: 18.524 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01

Tgt Ion:105 Resp: 145152
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

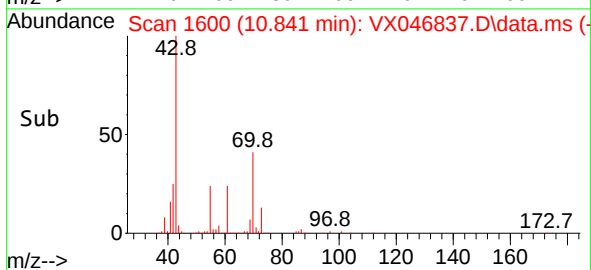
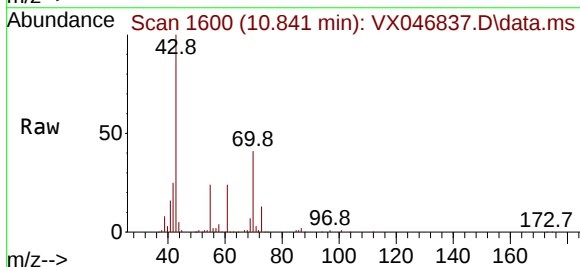
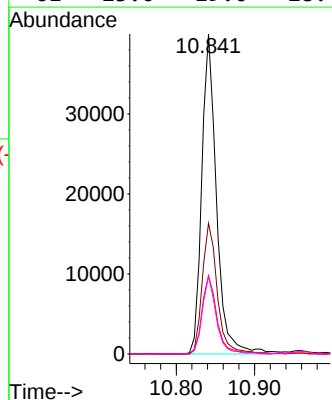
Manual Integrations
APPROVED

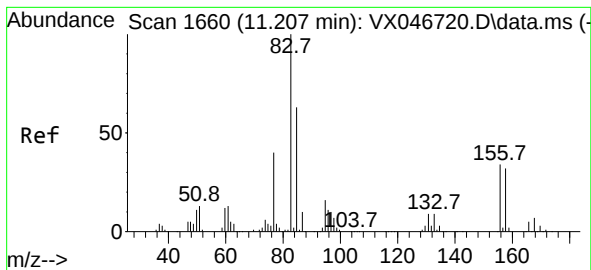
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#74
N-ethyl acetate
Concen: 17.633 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 43 Resp: 52349
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.0
55 24.7 19.1 28.7
61 23.0 19.0 28.4





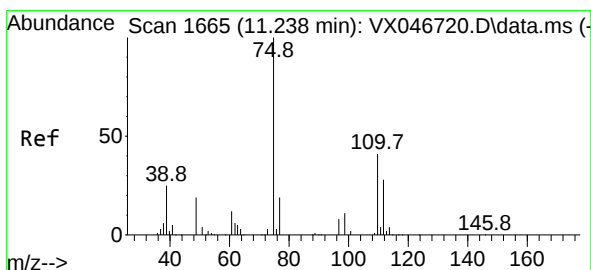
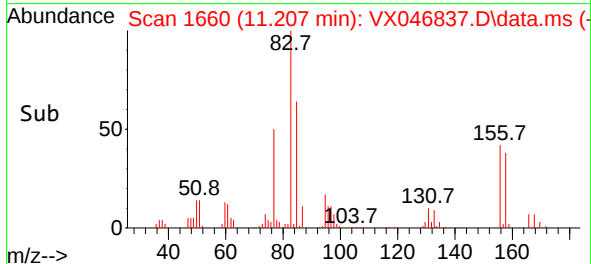
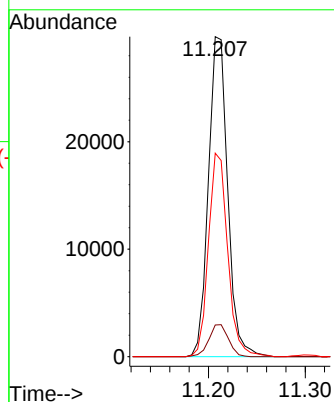
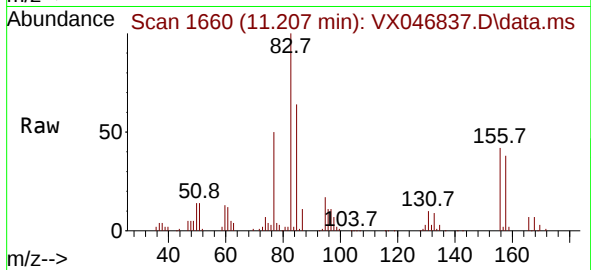
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.890 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBSD01

Tgt Ion: 83 Resp: 41330
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.6
 85 63.5 32.0 96.0

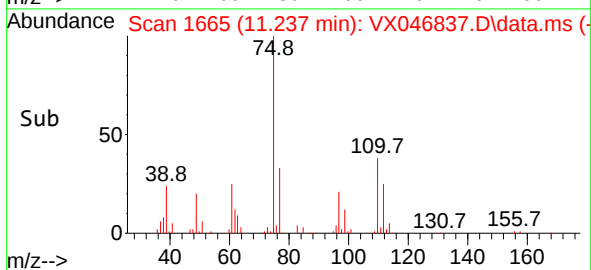
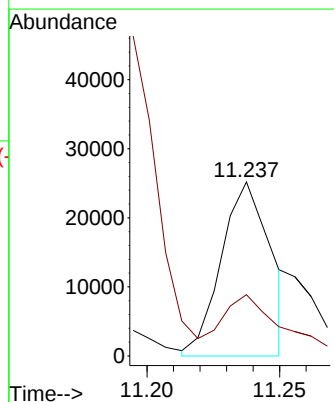
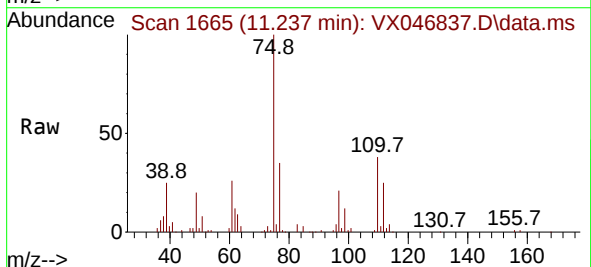
Manual Integrations
 APPROVED

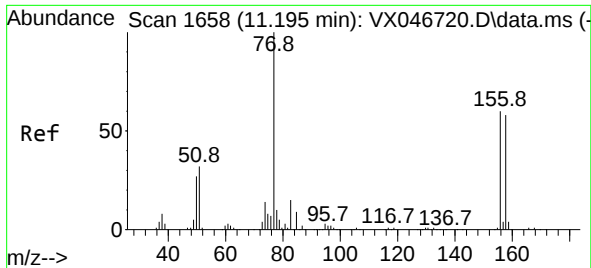
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#76
 1,2,3-Trichloropropane
 Concen: 16.695 ug/l m
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

Tgt Ion: 75 Resp: 32532
 Ion Ratio Lower Upper
 75 100
 77 43.8 18.5 55.5





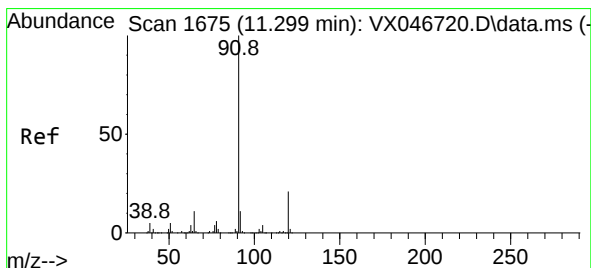
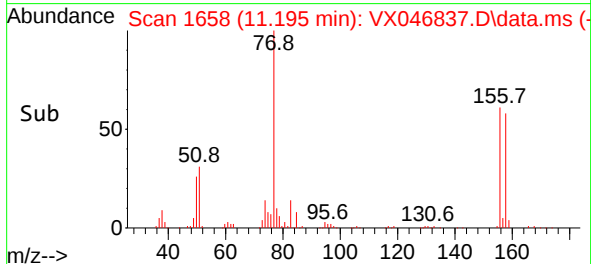
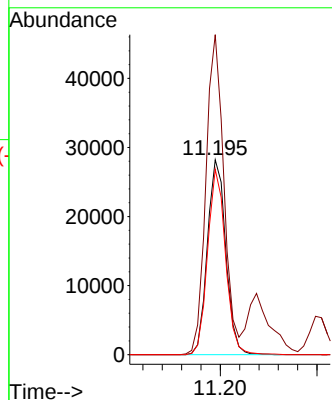
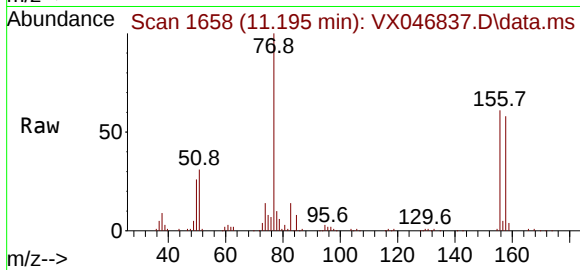
#77
Bromobenzene
Concen: 19.801 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01

Tgt Ion:156 Resp: 37338
Ion Ratio Lower Upper
156 100
77 160.2 82.8 248.6
158 92.9 47.6 142.9

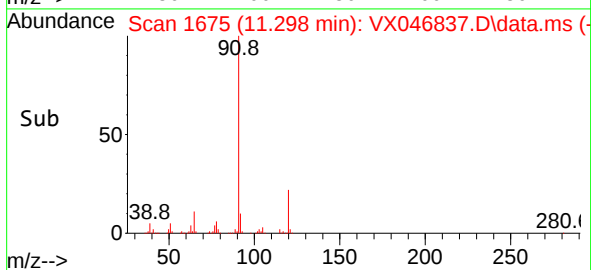
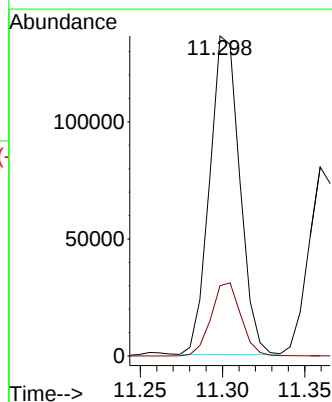
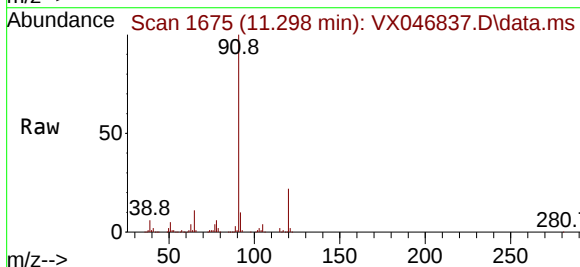
Manual Integrations
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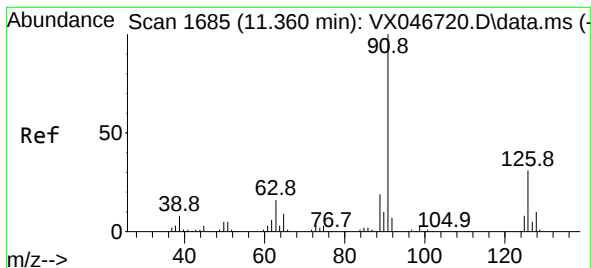
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#78
n-propylbenzene
Concen: 18.621 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 91 Resp: 173305
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1





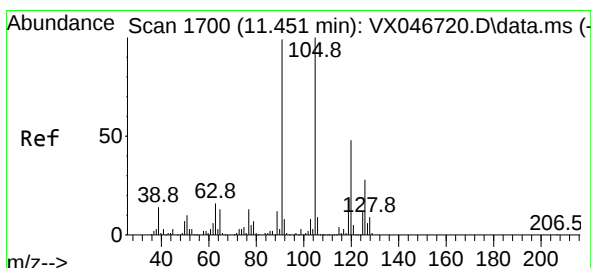
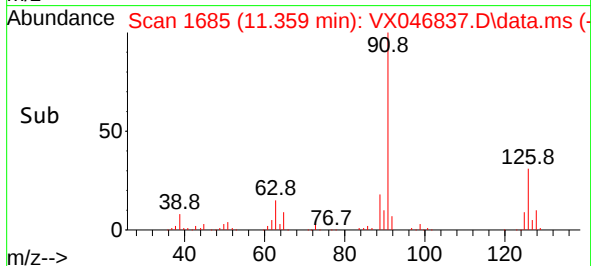
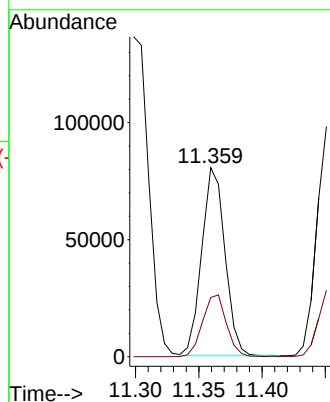
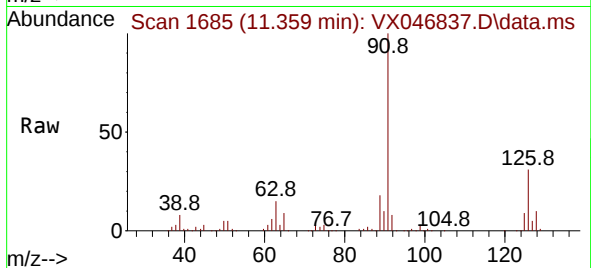
#79
2-Chlorotoluene
Concen: 18.530 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01

Tgt Ion: 91 Resp: 102970
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.7

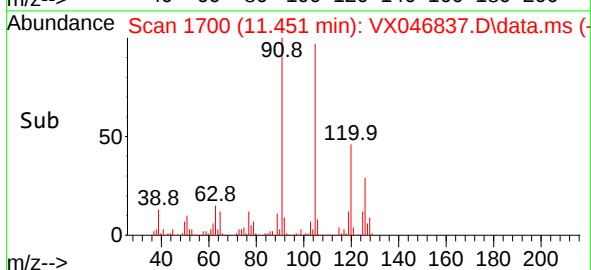
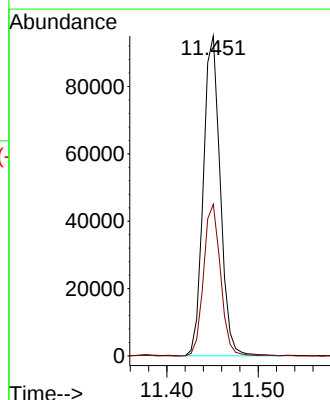
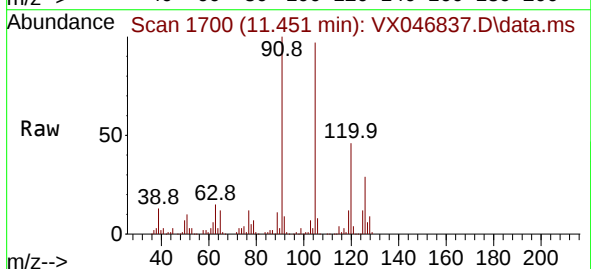
Manual Integrations
APPROVED

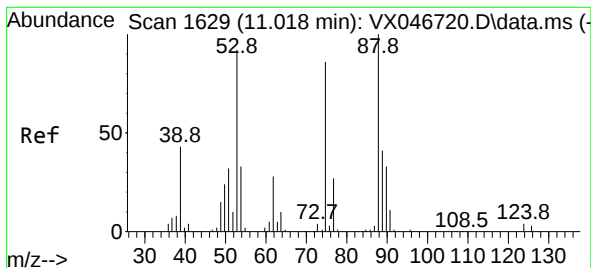
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.889 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

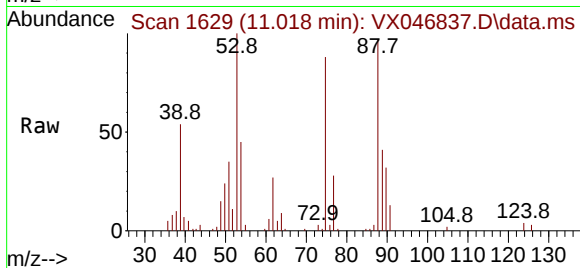
Tgt Ion:105 Resp: 121630
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 16.100 ug/l
RT: 11.018 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

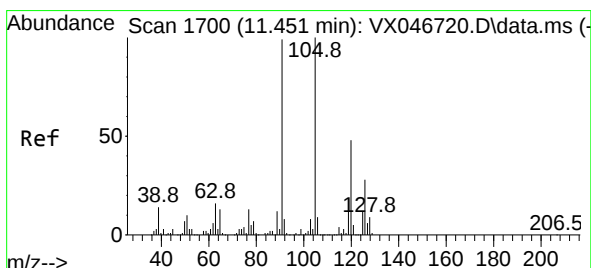
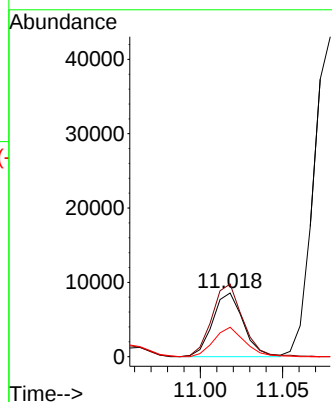
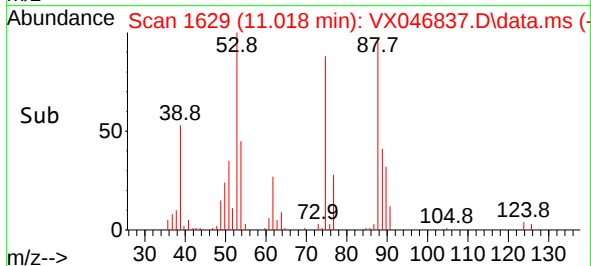
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 75 Resp: 1109
Ion Ratio Lower Upper
75 100
53 114.9 86.8 130.2
89 46.6 36.9 55.3

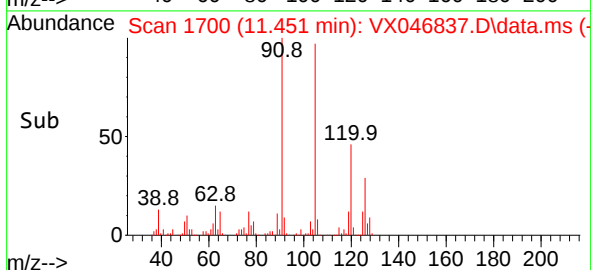
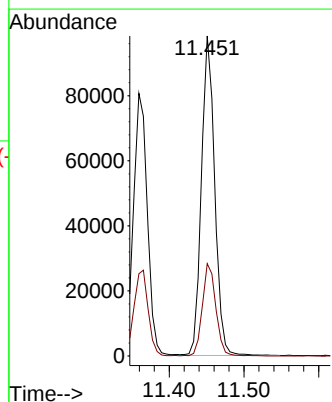
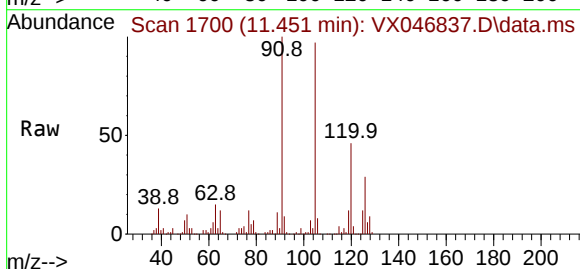
Manual Integrations
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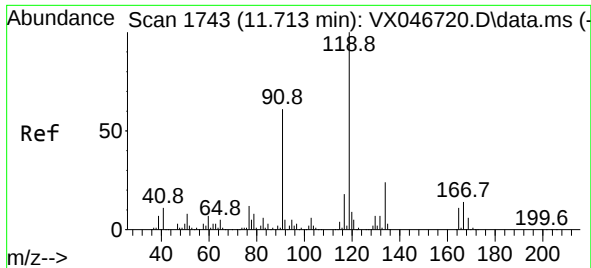
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#82
4-Chlorotoluene
Concen: 18.699 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

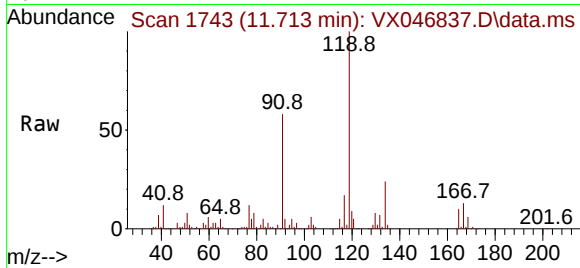
Tgt Ion: 91 Resp: 121269
Ion Ratio Lower Upper
91 100
126 29.3 14.4 43.2





#83
tert-Butylbenzene
Concen: 18.373 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

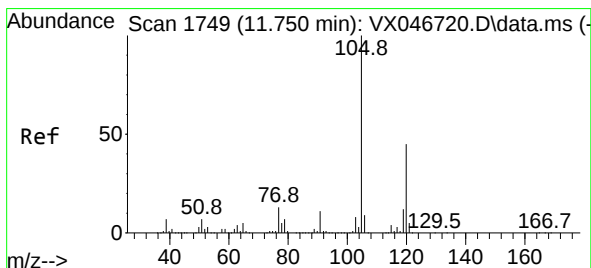
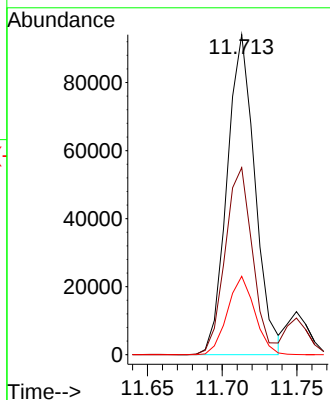
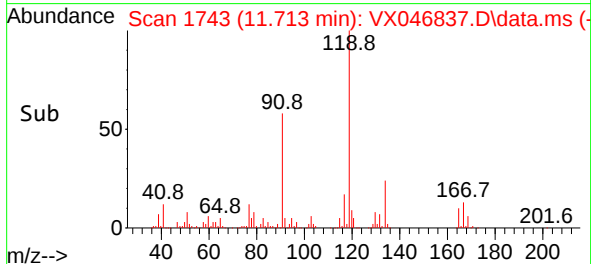
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



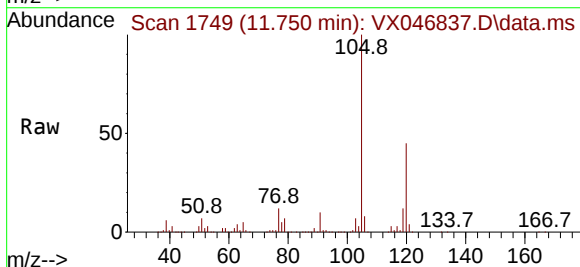
Tgt Ion:119 Resp: 122290
Ion Ratio Lower Upper
119 100
91 57.9 29.5 88.6
134 23.9 11.7 35.0

Manual Integrations
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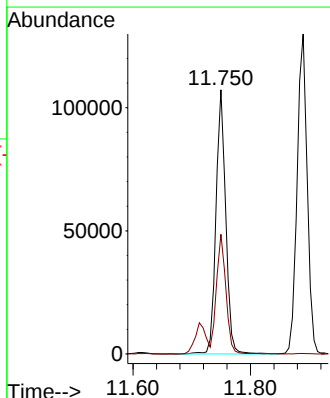
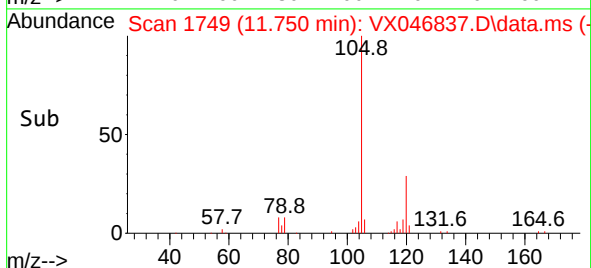
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

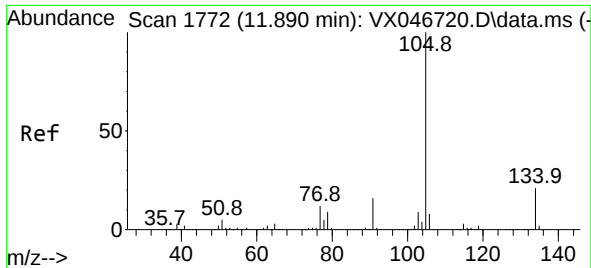


#84
1,2,4-Trimethylbenzene
Concen: 19.092 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27



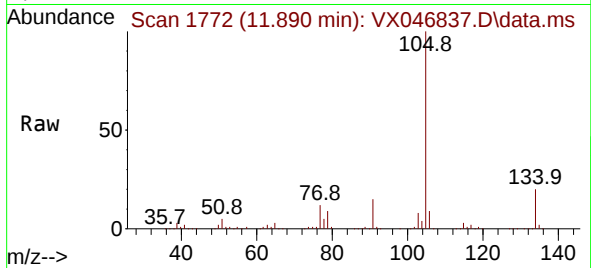
Tgt Ion:105 Resp: 123518
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 18.391 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

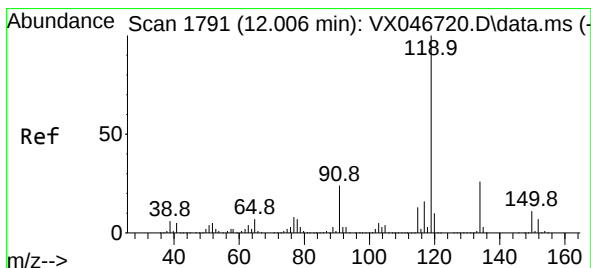
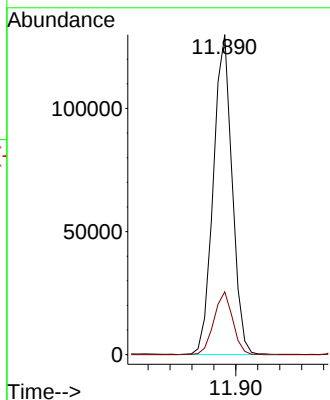
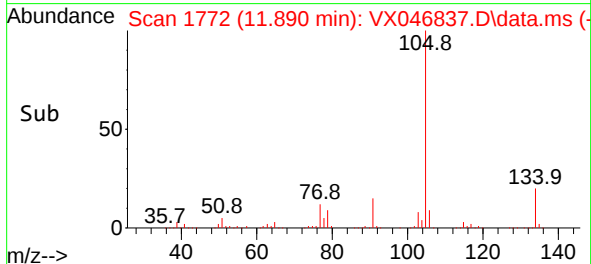
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630MBSD01



Tgt Ion:105 Resp: 154708
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

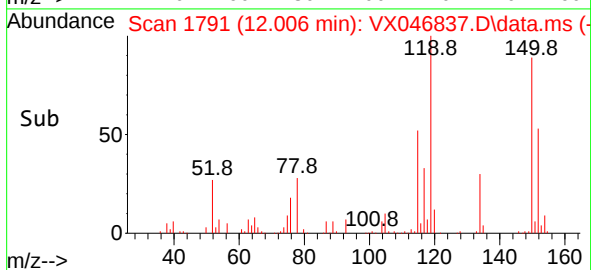
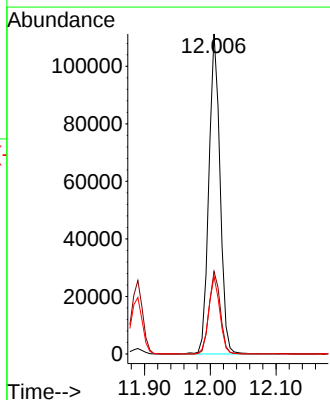
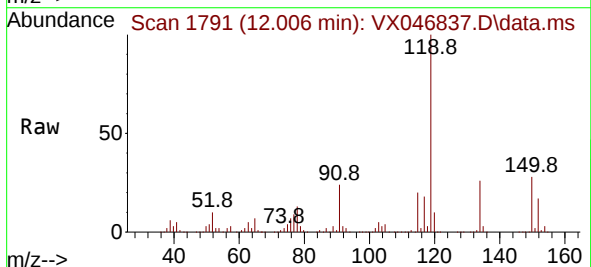
Manual Integrations
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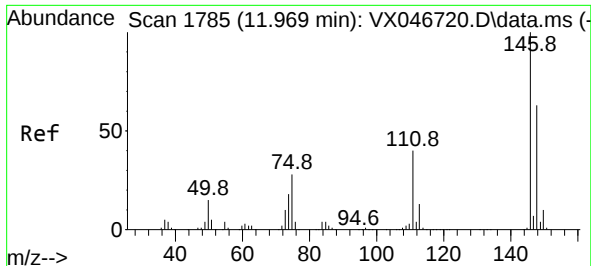
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#86
 p-Isopropyltoluene
 Concen: 18.487 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046837.D
 Acq: 30 Jun 2025 13:27

Tgt Ion:119 Resp: 131214
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 18.862 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046837.D

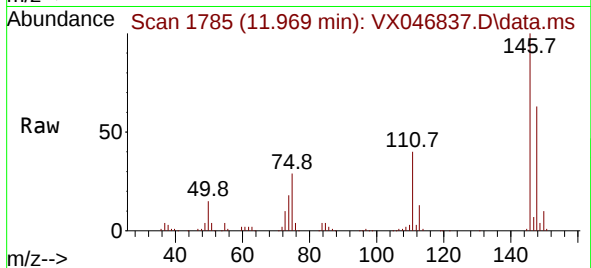
Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBS01



Tgt Ion:146 Resp: 6934

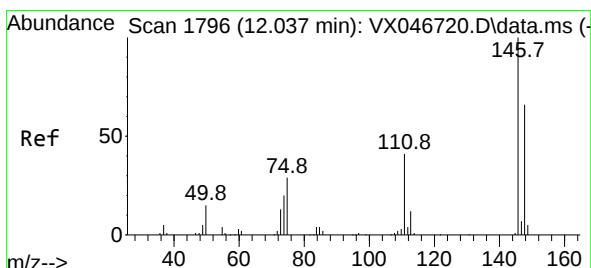
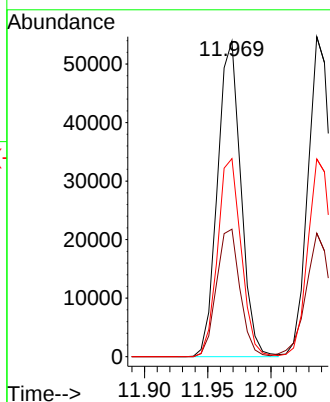
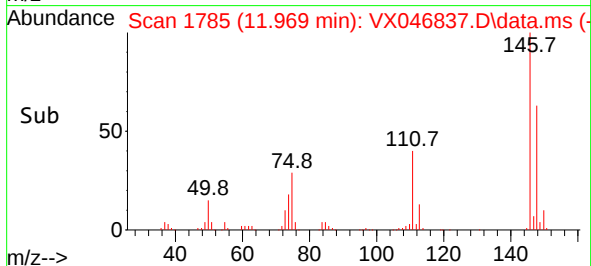
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.2	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#88

1,4-Dichlorobenzene

Concen: 18.654 ug/l

RT: 12.036 min Scan# 1796

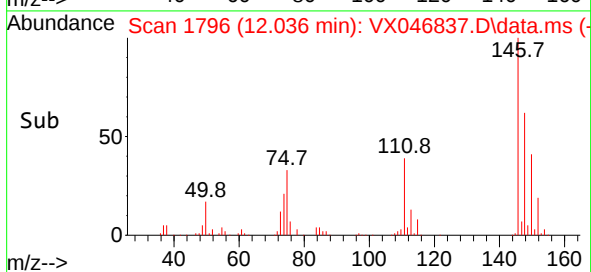
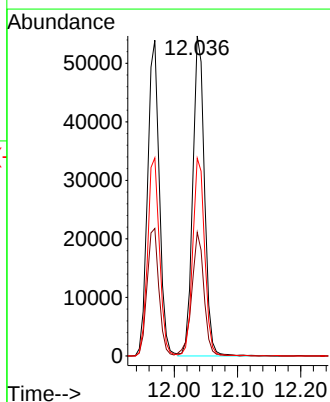
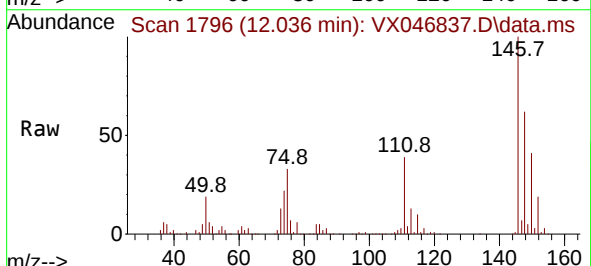
Delta R.T. -0.000 min

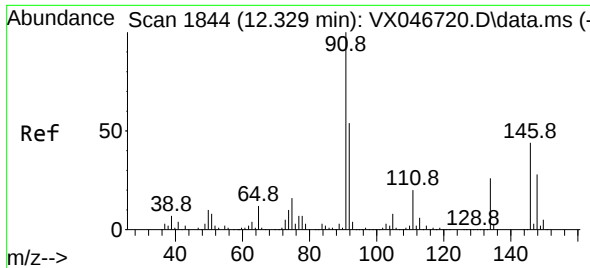
Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Tgt Ion:146 Resp: 70444

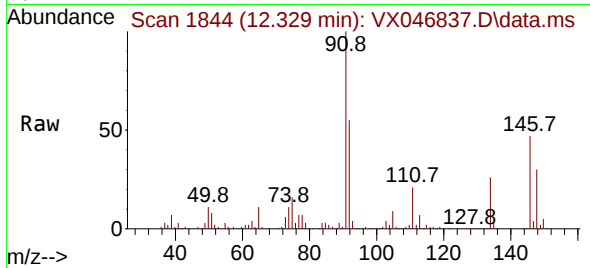
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	62.4	32.1	96.5





#89
n-Butylbenzene
Concen: 17.759 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

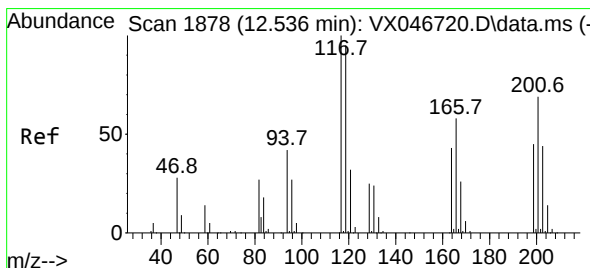
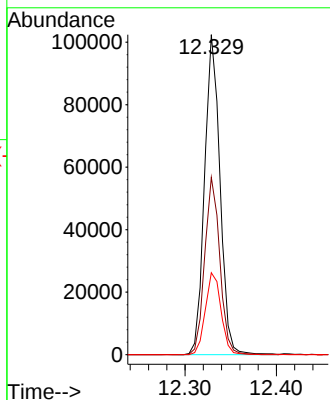
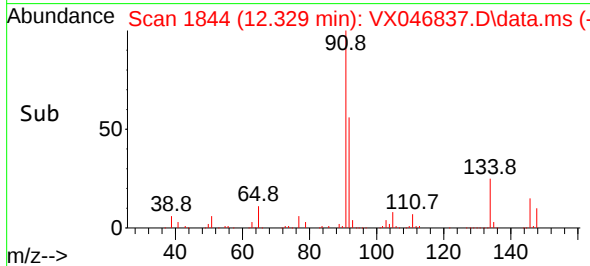
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBSD01



Tgt Ion: 91 Resp: 119678
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.3
134 26.1 12.9 38.6

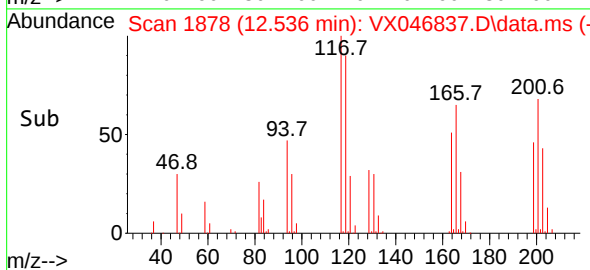
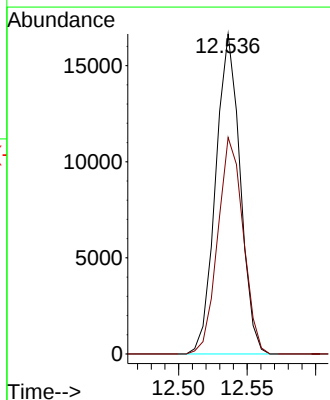
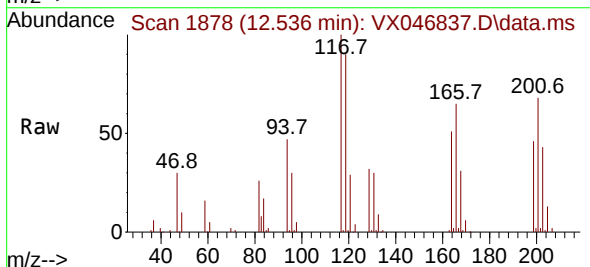
Manual Integrations
APPROVED

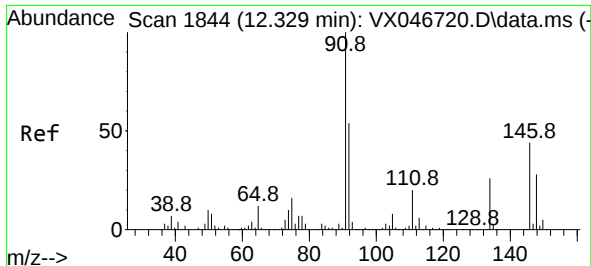
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#90
Hexachloroethane
Concen: 16.605 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

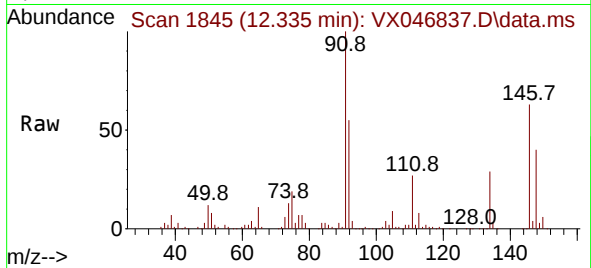
Tgt Ion:117 Resp: 20638
Ion Ratio Lower Upper
117 100
201 70.4 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 19.317 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

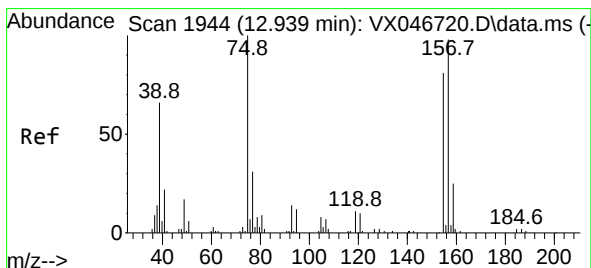
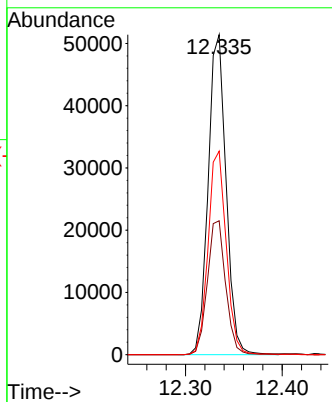
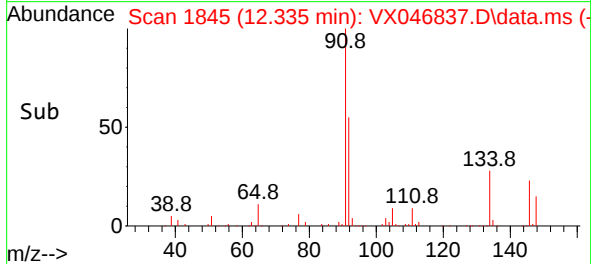
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



Tgt Ion:146 Resp: 66370
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 64.5 32.0 96.2

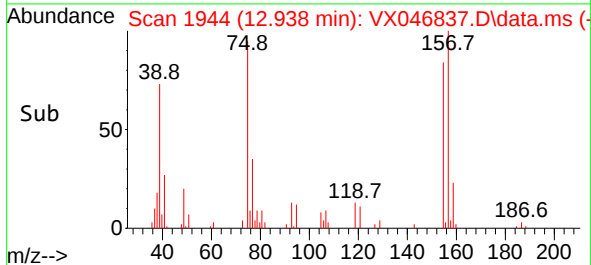
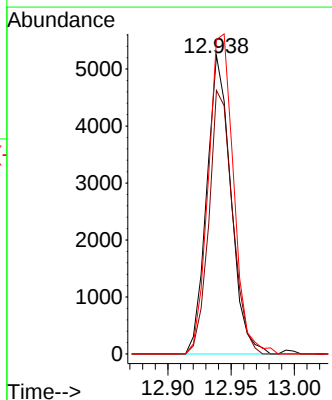
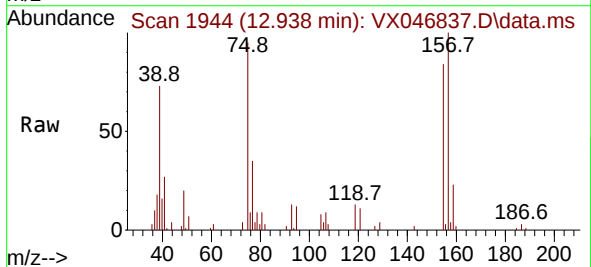
Manual Integrations
APPROVED

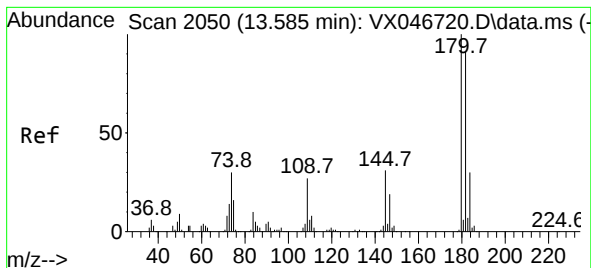
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.060 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

Tgt Ion: 75 Resp: 6937
Ion Ratio Lower Upper
75 100
155 86.5 41.9 125.7
157 112.3 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 18.277 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0630MBSD01

Tgt Ion:180 Resp: 4464

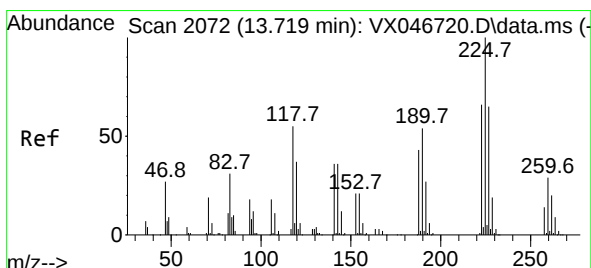
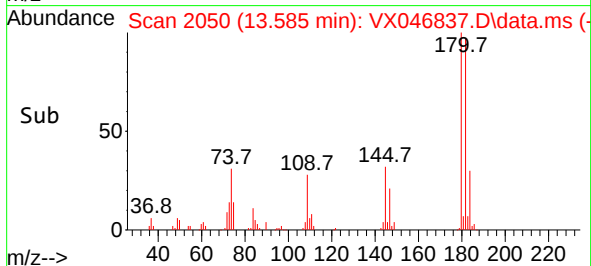
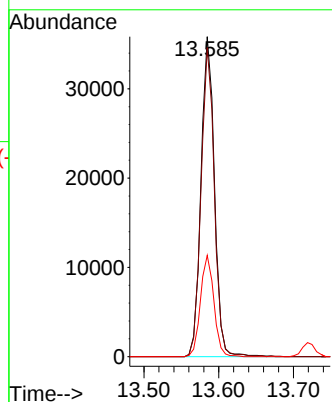
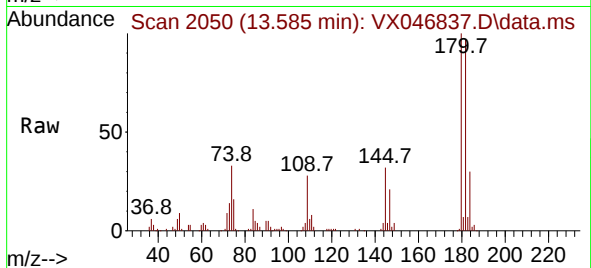
Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.1
145	31.7	15.8	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#94

Hexachlorobutadiene

Concen: 17.401 ug/l

RT: 13.725 min Scan# 2073

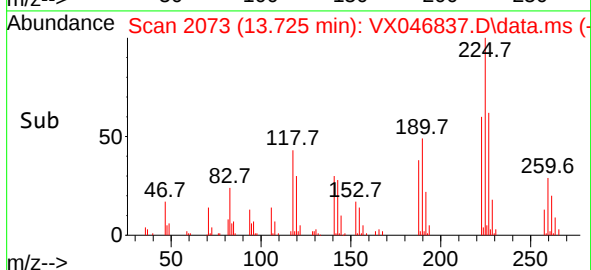
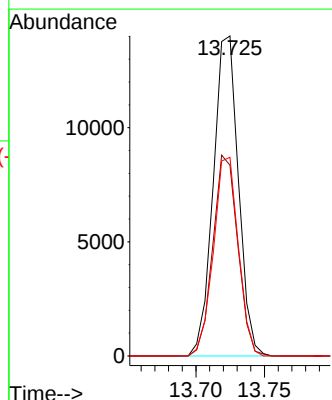
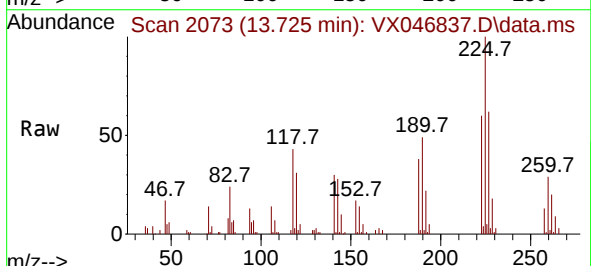
Delta R.T. 0.006 min

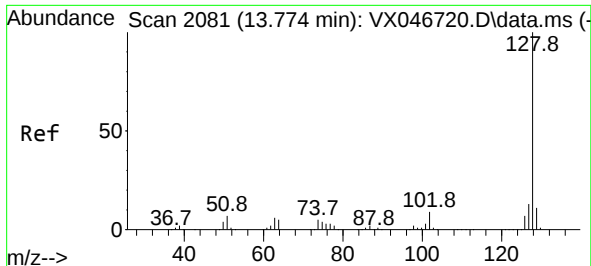
Lab File: VX046837.D

Acq: 30 Jun 2025 13:27

Tgt Ion:225 Resp: 17880

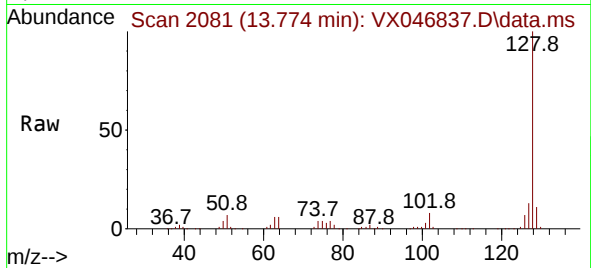
Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.5
227	61.6	32.2	96.6





#95
Naphthalene
Concen: 18.127 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27

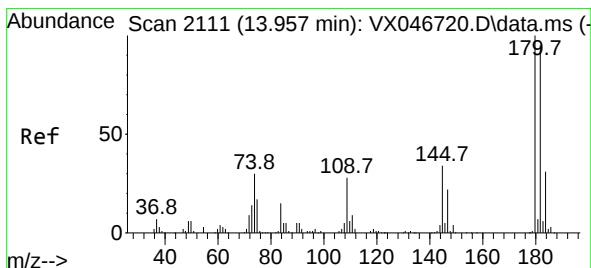
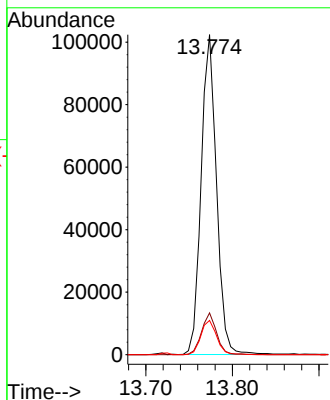
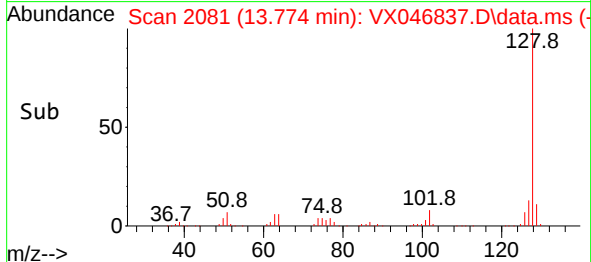
Instrument :
MSVOA_X
ClientSampleId :
VX0630MBS01



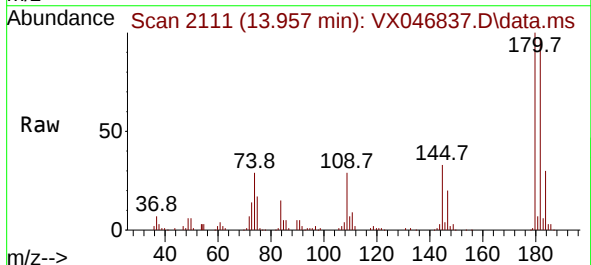
Tgt Ion:128 Resp: 126149
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.570 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046837.D
Acq: 30 Jun 2025 13:27



Tgt Ion:180 Resp: 43395
Ion Ratio Lower Upper
180 100
182 93.2 47.8 143.4
145 33.8 17.3 51.9

