

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046762.D
 Acq On : 19 Jun 2025 11:24
 Operator : JC/MD
 Sample : VX0619WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:16:39 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	5.562	168	137936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94946	49.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.520%			
35) Dibromofluoromethane	5.397	113	78196	52.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	282602	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	108869	54.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	28069	19.060	ug/l	97
3) Chloromethane	1.307	50	29736	18.707	ug/l	99
4) Vinyl Chloride	1.386	62	32033	18.898	ug/l	93
5) Bromomethane	1.630	94	20191	21.172	ug/l	93
6) Chloroethane	1.709	64	20468	19.923	ug/l	98
7) Trichlorofluoromethane	1.910	101	47476	18.446	ug/l	99
8) Diethyl Ether	2.148	74	16252	18.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	29254	18.528	ug/l	99
10) Methyl Iodide	2.471	142	29614	18.018	ug/l	99
11) Tert butyl alcohol	2.959	59	10810	63.126	ug/l	97
12) 1,1-Dichloroethene	2.337	96	28292	18.570	ug/l	97
13) Acrolein	2.251	56	18186	72.910	ug/l	98
14) Allyl chloride	2.684	41	49324	17.868	ug/l	99
15) Acrylonitrile	3.075	53	62463	81.119	ug/l	98
16) Acetone	2.386	43	47143	74.096	ug/l	96
17) Carbon Disulfide	2.532	76	78405	17.041	ug/l	98
18) Methyl Acetate	2.715	43	25862	16.004	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	80635	16.997	ug/l	98
20) Methylene Chloride	2.806	84	32048	18.113	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	29757	18.253	ug/l	99
22) Diisopropyl ether	3.769	45	100392	18.921	ug/l	94
23) Vinyl Acetate	3.733	43	365712	86.676	ug/l	100
24) 1,1-Dichloroethane	3.623	63	55663	18.477	ug/l	99
25) 2-Butanone	4.568	43	70964m	78.864	ug/l	
26) 2,2-Dichloropropane	4.489	77	39442	17.951	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	35547	18.560	ug/l	98
28) Bromochloromethane	4.910	49	28430	20.816	ug/l	99
29) Tetrahydrofuran	5.013	42	44591	76.721	ug/l	99
30) Chloroform	5.105	83	57187	18.982	ug/l	93
31) Cyclohexane	5.483	56	53811	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	46675	17.665	ug/l	98
36) 1,1-Dichloropropene	5.702	75	40684	18.754	ug/l	99
37) Ethyl Acetate	4.727	43	31829	15.895	ug/l	98
38) Carbon Tetrachloride	5.690	117	42451	18.031	ug/l	99
39) Methylcyclohexane	7.385	83	52931	18.541	ug/l	99
40) Benzene	6.050	78	121111	18.864	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17227	16.137	ug/l	99
42) 1,2-Dichloroethane	6.092	62	41780	18.518	ug/l	100
43) Isopropyl Acetate	6.348	43	51032	16.286	ug/l	99
44) Trichloroethene	7.135	130	30093	18.392	ug/l	99
45) 1,2-Dichloropropane	7.433	63	29323	18.429	ug/l	95
46) Dibromomethane	7.592	93	20791	18.181	ug/l	99
47) Bromodichloromethane	7.824	83	44034	18.870	ug/l	99
48) Methyl methacrylate	7.696	41	25618	16.301	ug/l	98
49) 1,4-Dioxane	7.659	88	6374	299.149	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	152568	81.636	ug/l	98
52) Toluene	8.720	92	75814	19.048	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	38942	17.985	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	44663	18.171	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27505	18.544	ug/l	99
56) Ethyl methacrylate	9.116	69	37095	16.942	ug/l	98
57) 1,3-Dichloropropane	9.311	76	47213	18.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	101869	89.565	ug/l	99
59) 2-Hexanone	9.427	43	101986	78.935	ug/l	100
60) Dibromochloromethane	9.518	129	32154	18.395	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27221	18.042	ug/l	100
64) Tetrachloroethene	9.275	164	25376	17.655	ug/l	95
65) Chlorobenzene	10.079	112	82392	17.991	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	27463	17.843	ug/l	98
67) Ethyl Benzene	10.195	91	144047	18.002	ug/l	97
68) m/p-Xylenes	10.299	106	111044	37.244	ug/l	100
69) o-Xylene	10.640	106	51894	18.572	ug/l	98
70) Styrene	10.652	104	89289	18.260	ug/l	99
71) Bromoform	10.799	173	19576	16.701	ug/l #	98
73) Isopropylbenzene	10.957	105	139510	18.100	ug/l	99
74) N-amyl acetate	10.841	43	46412	15.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37312	17.337	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29393m	15.335	ug/l	
77) Bromobenzene	11.195	156	33896	18.275	ug/l	99
78) n-propylbenzene	11.299	91	168589	18.415	ug/l	99
79) 2-Chlorotoluene	11.360	91	99687	18.238	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	115409	18.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10102	14.897	ug/l	96
82) 4-Chlorotoluene	11.451	91	116713	18.296	ug/l	99
83) tert-Butylbenzene	11.713	119	118027	18.027	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116817	18.357	ug/l	99
85) sec-Butylbenzene	11.890	105	153043	18.496	ug/l	100
86) p-Isopropyltoluene	12.006	119	127841	18.312	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64330	17.788	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	64856	17.460	ug/l	99
89) n-Butylbenzene	12.329	91	118756	17.915	ug/l	100
90) Hexachloroethane	12.536	117	20652	16.893	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	61156	18.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6425	15.122	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	41109	17.110	ug/l	98
94) Hexachlorobutadiene	13.719	225	17833	17.644	ug/l	96
95) Naphthalene	13.774	128	110507	16.144	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40546	17.639	ug/l	99

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Instrument :
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ClientSampleId :
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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

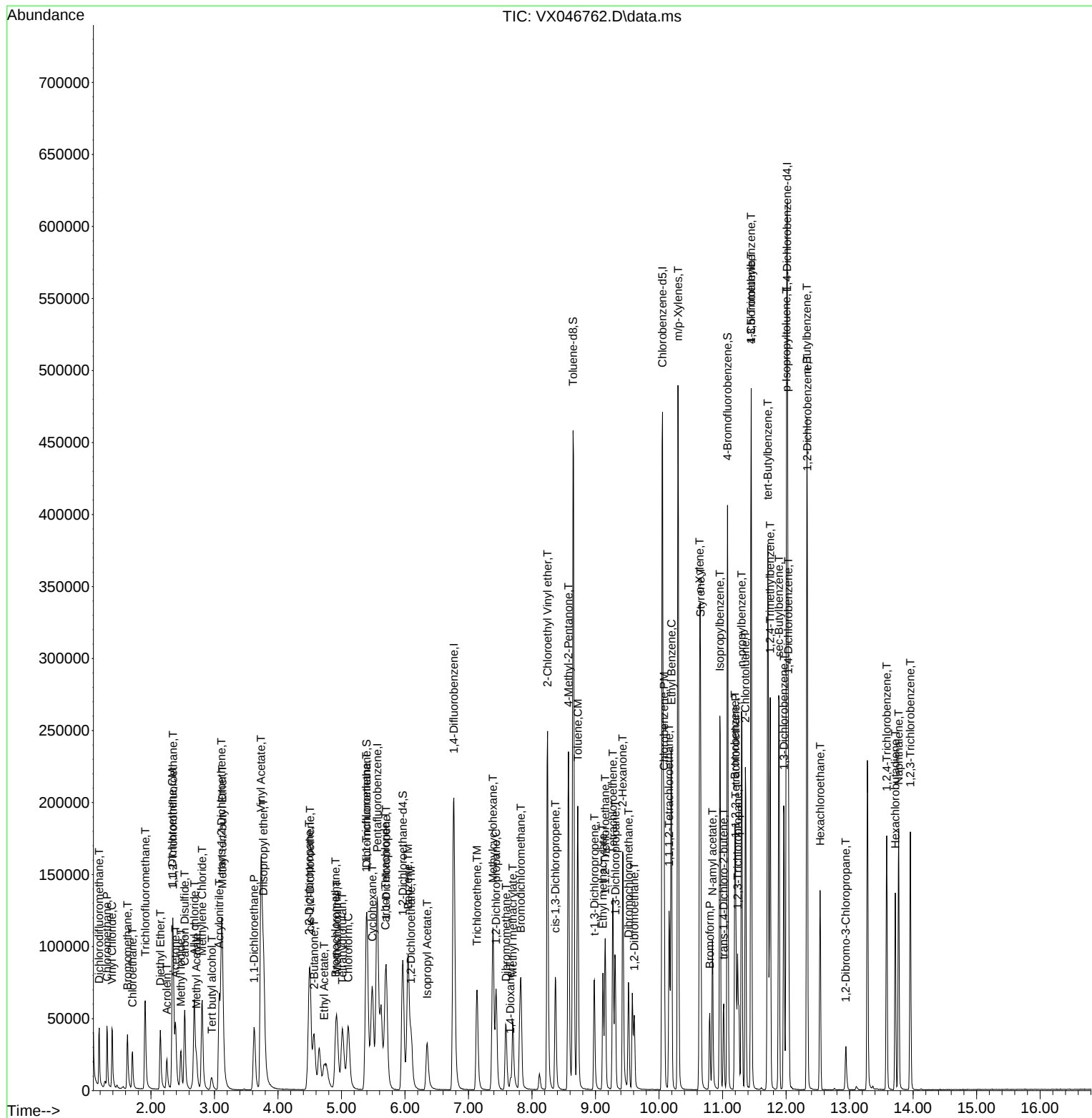
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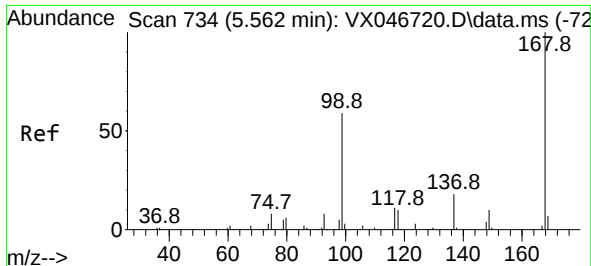
Instrument :
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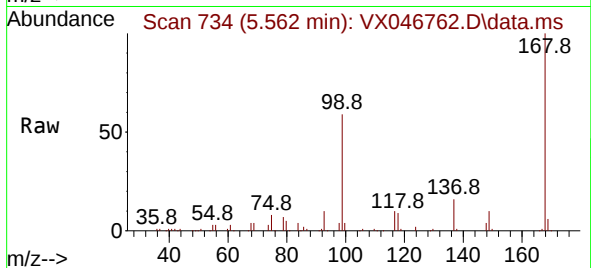
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046762.D
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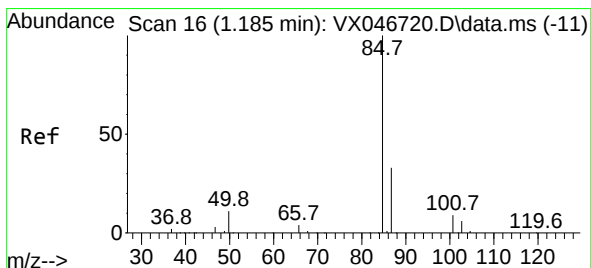
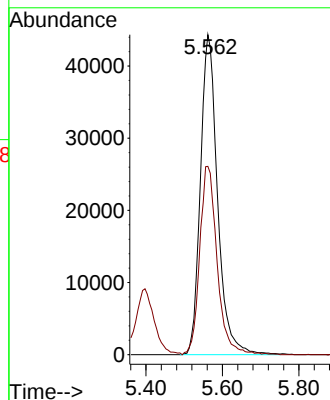
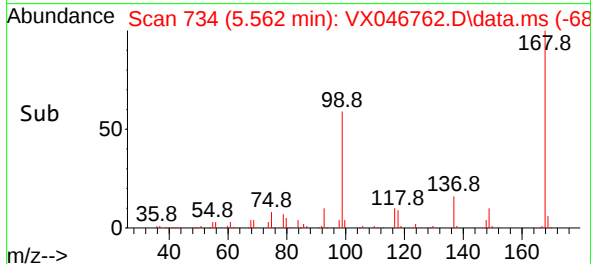
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion:168 Resp: 137930
Ion Ratio Lower Upper
168 100
99 58.9 48.5 72.7

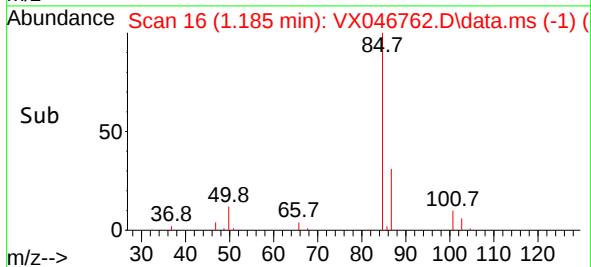
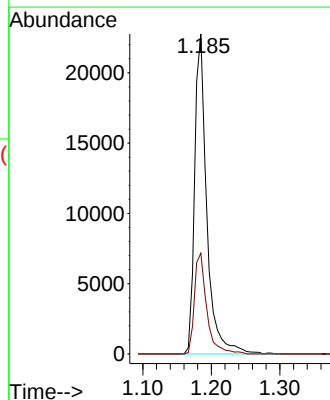
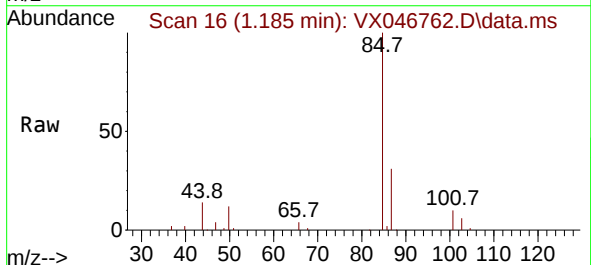
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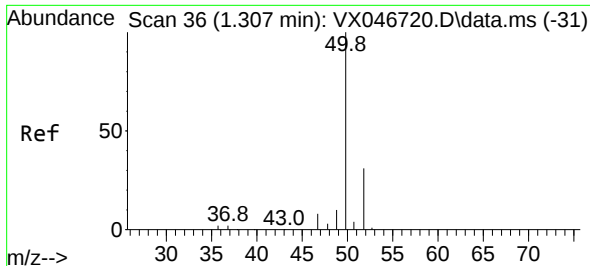
Reviewed By :John Carlone 06/20/2025
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#2
Dichlorodifluoromethane
Concen: 19.060 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

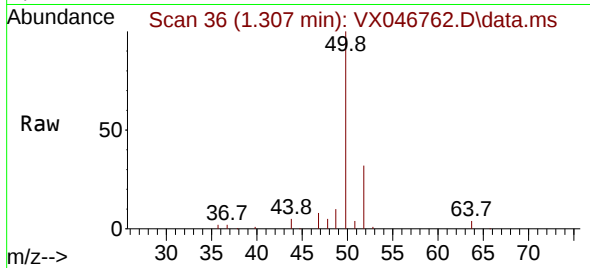
Tgt Ion: 85 Resp: 28069
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.8





#3
Chloromethane
Concen: 18.707 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

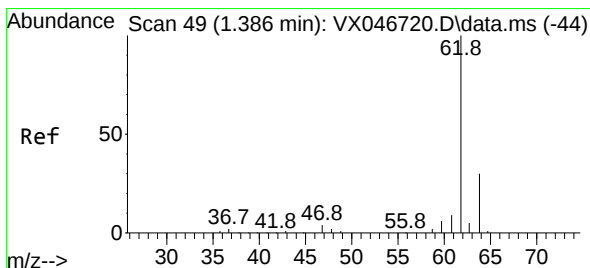
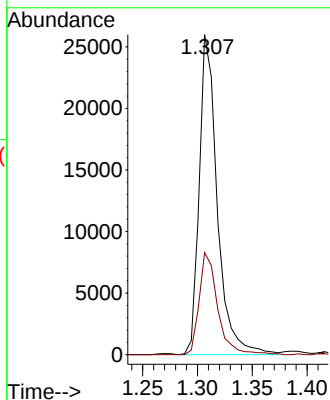
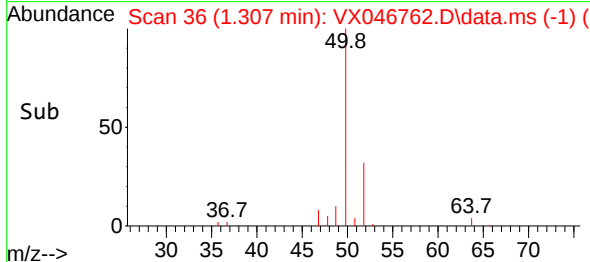
Instrument :
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Tgt Ion: 50 Resp: 29730
Ion Ratio Lower Upper
50 100
52 31.9 24.9 37.3

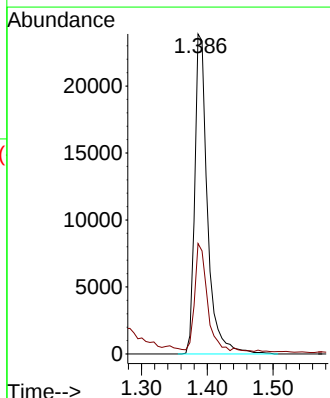
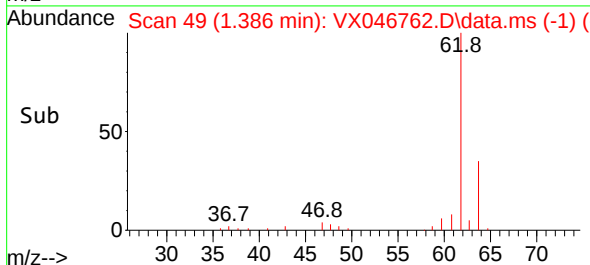
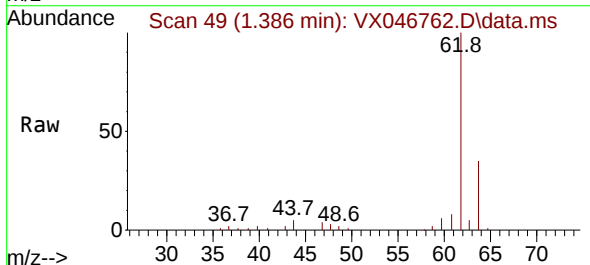
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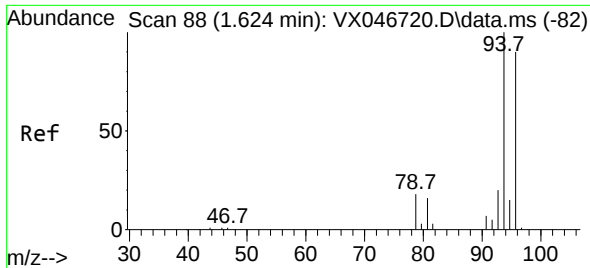
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 18.898 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 62 Resp: 32033
Ion Ratio Lower Upper
62 100
64 33.8 23.9 35.9





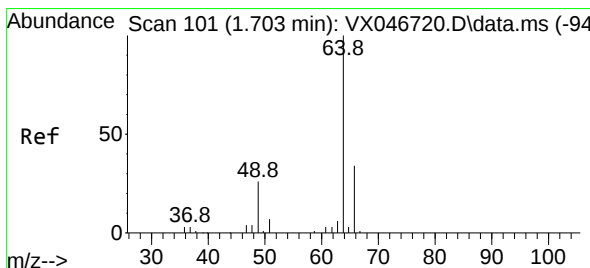
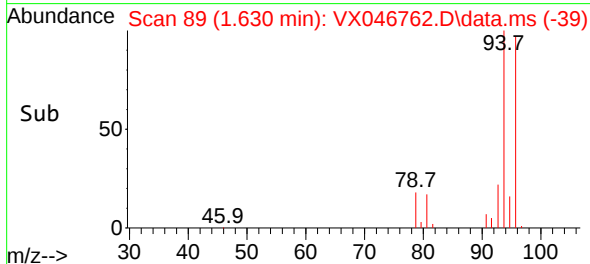
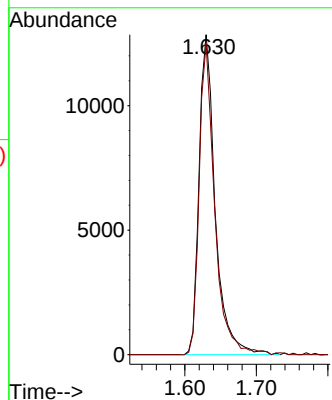
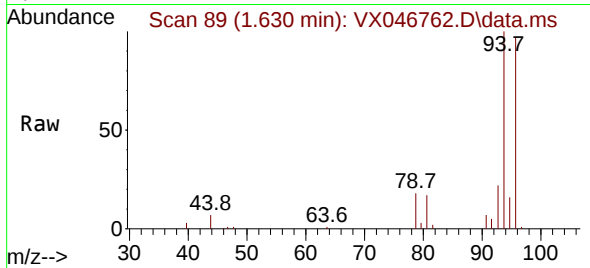
#5
Bromomethane
Concen: 21.172 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046762.D
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Instrument :
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Tgt Ion: 94 Resp: 2019
Ion Ratio Lower Upper
94 100
96 97.2 72.3 108.5

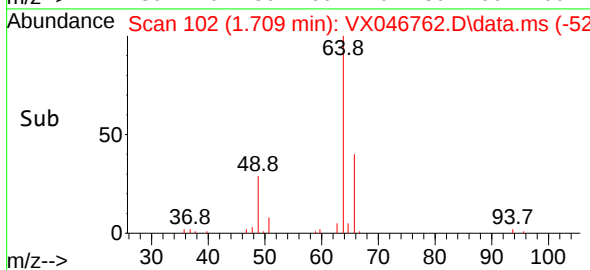
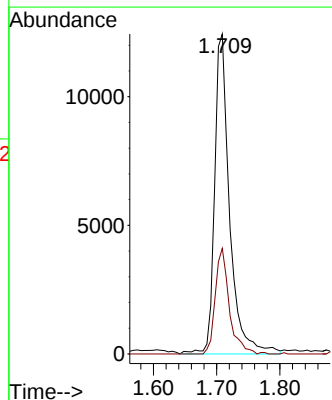
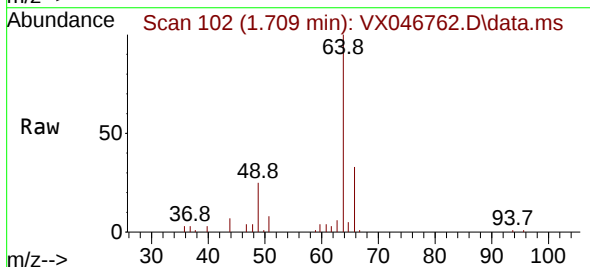
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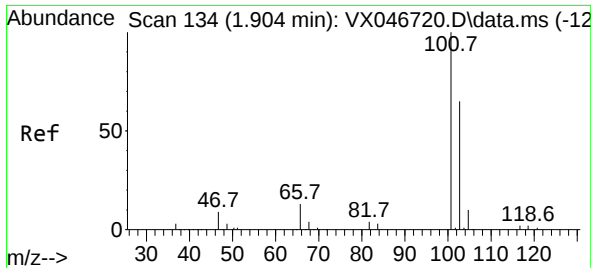
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#6
Chloroethane
Concen: 19.923 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

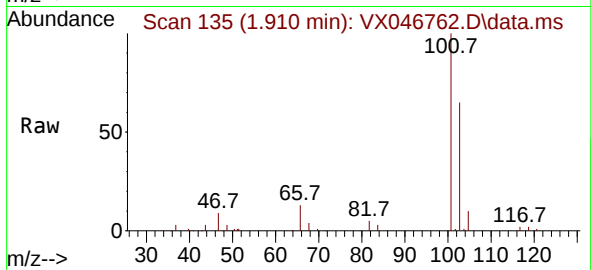
Tgt Ion: 64 Resp: 20468
Ion Ratio Lower Upper
64 100
66 33.0 27.1 40.7





#7
Trichlorofluoromethane
Concen: 18.446 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

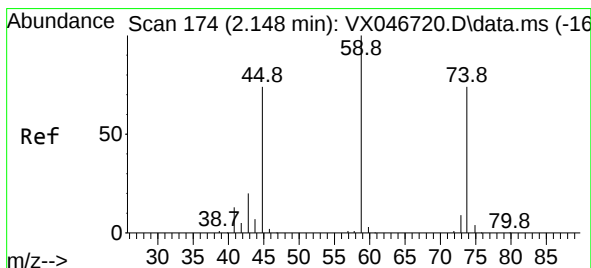
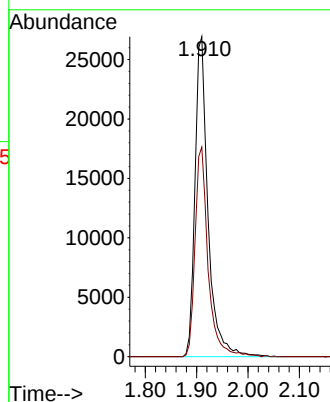
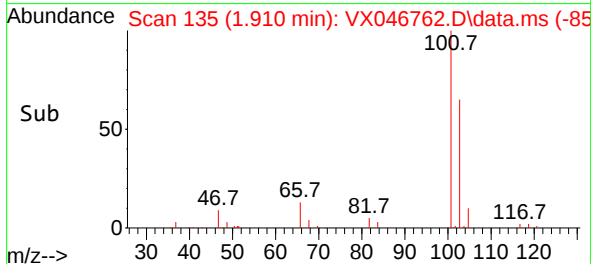
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 47470
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

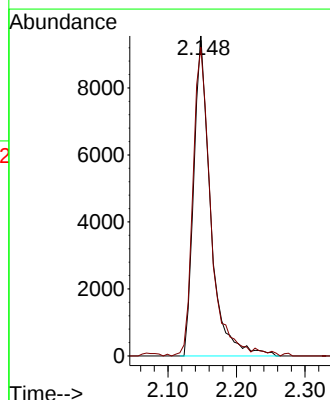
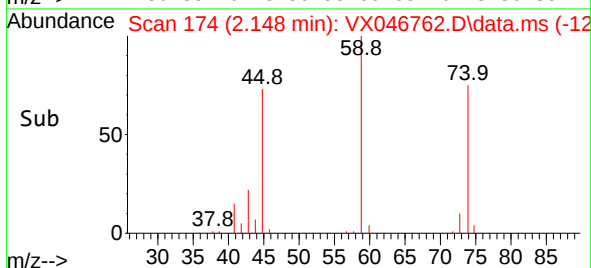
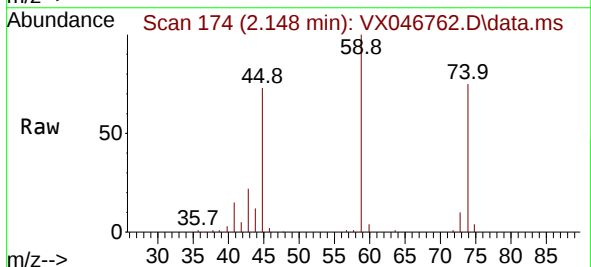
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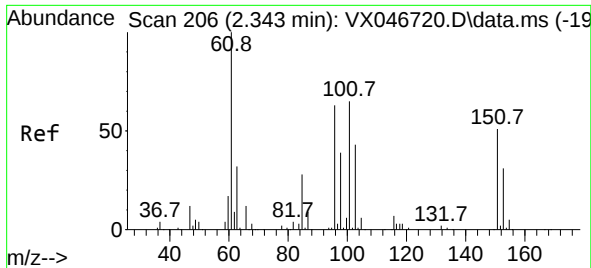
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#8
Diethyl Ether
Concen: 18.400 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 74 Resp: 16252
Ion Ratio Lower Upper
74 100
45 104.0 52.3 157.1





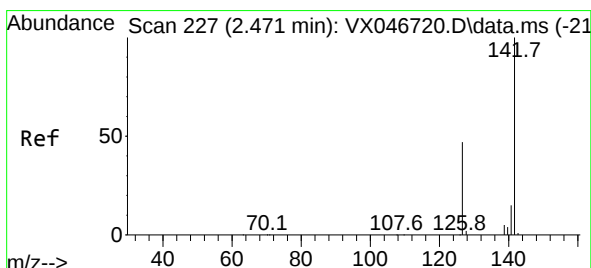
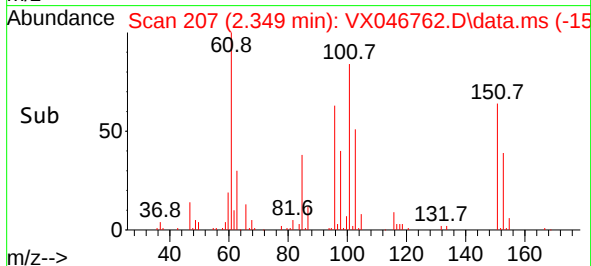
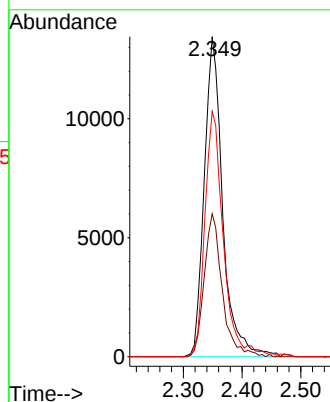
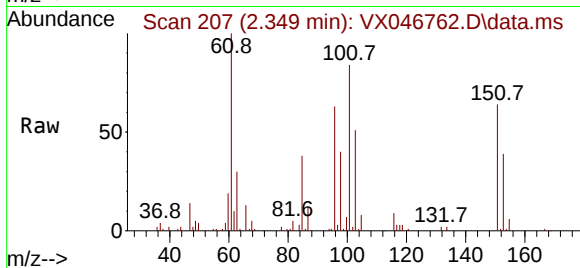
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.528 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:101 Resp: 29254
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.0
151 76.9 61.2 91.8

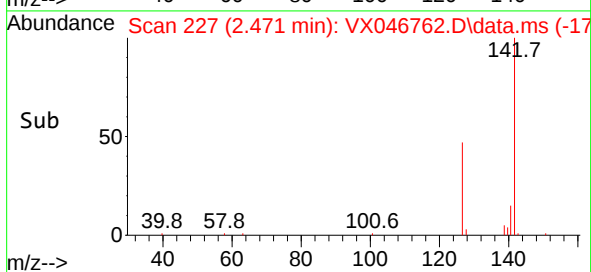
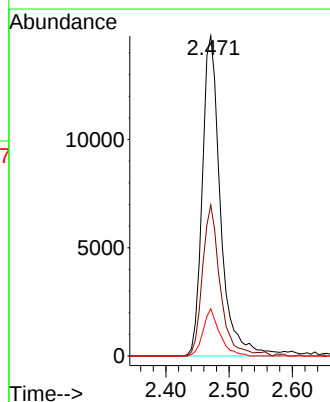
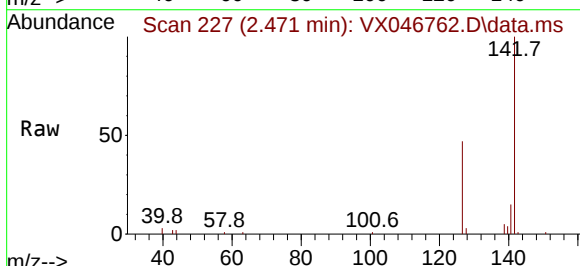
Manual Integrations
APPROVED

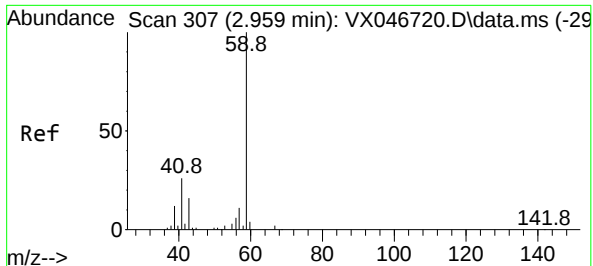
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 18.018 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

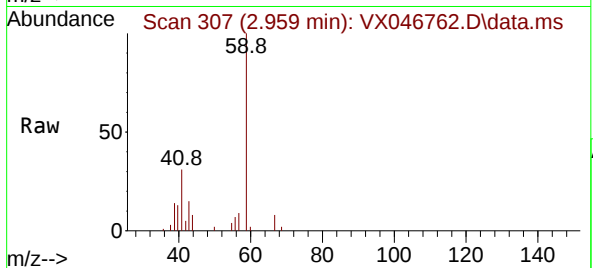
Tgt Ion:142 Resp: 29614
Ion Ratio Lower Upper
142 100
127 45.8 37.0 55.6
141 13.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 63.126 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

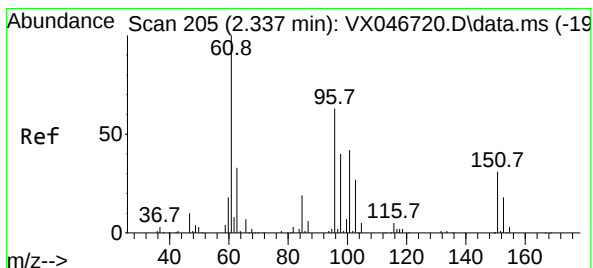
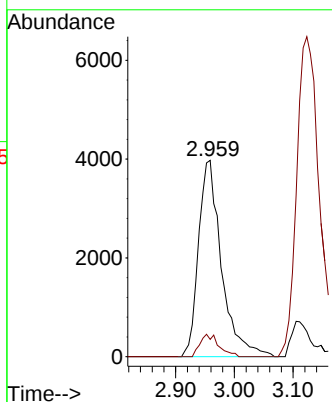
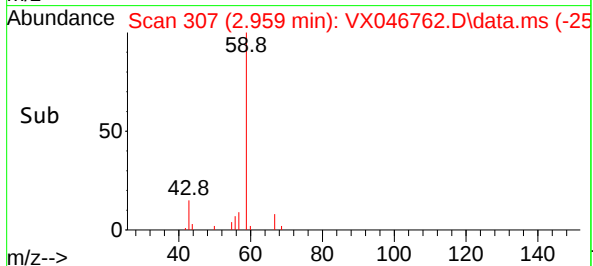
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



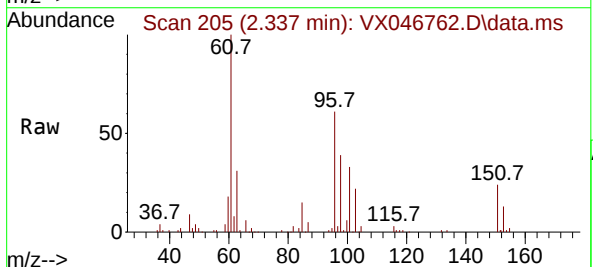
Tgt Ion: 59 Resp: 10810
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

Manual Integrations
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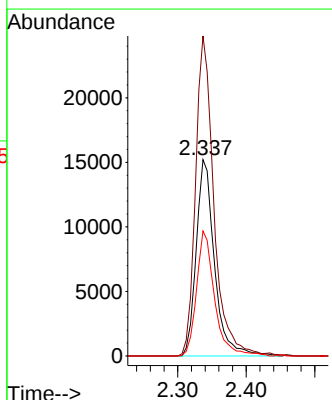
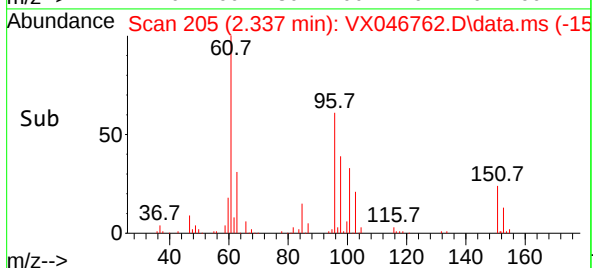
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

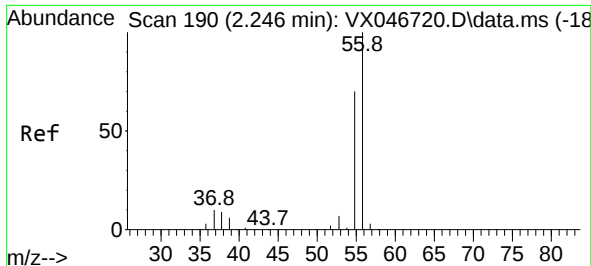


#12
1,1-Dichloroethene
Concen: 18.570 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



Tgt Ion: 96 Resp: 28292
Ion Ratio Lower Upper
96 100
61 163.0 126.6 189.8
98 63.7 50.7 76.1





#13

Acrolein

Concen: 72.910 ug/l

RT: 2.251 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tgt Ion: 56 Resp: 1818

Ion Ratio Lower Upper

56 100

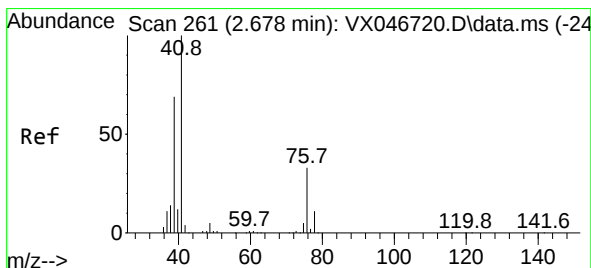
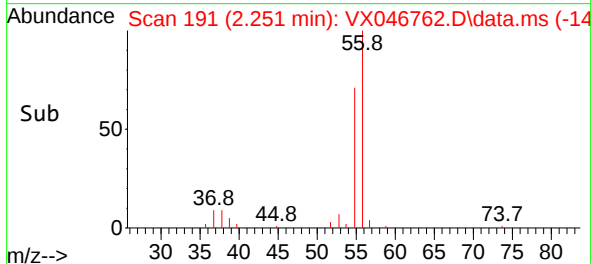
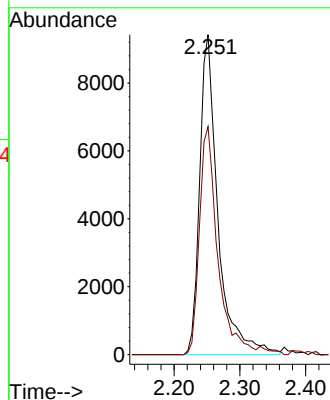
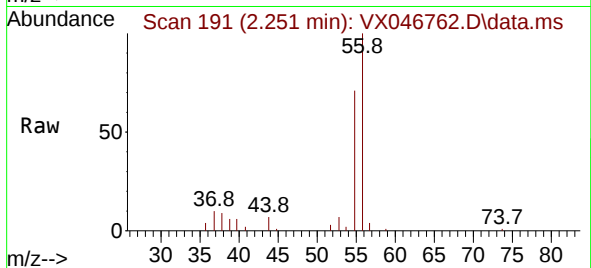
55 70.9 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#14

Allyl chloride

Concen: 17.868 ug/l

RT: 2.684 min Scan# 262

Delta R.T. 0.006 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

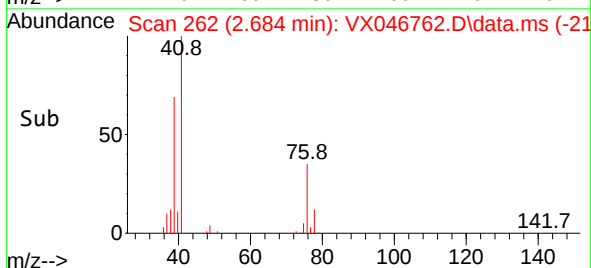
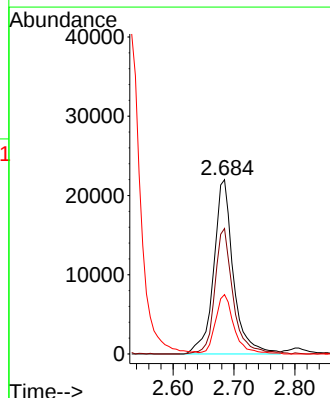
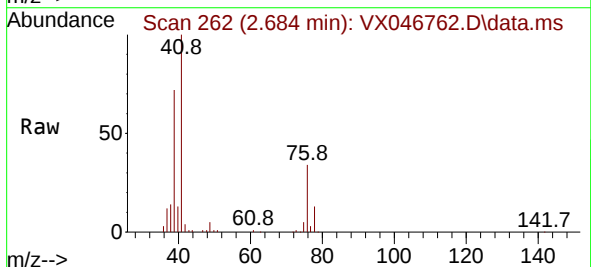
Tgt Ion: 41 Resp: 49324

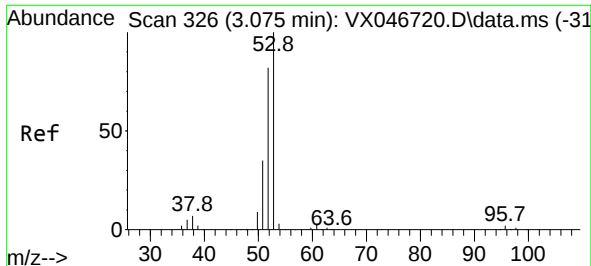
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

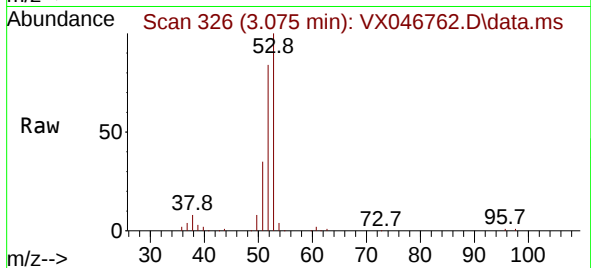
76 32.3 26.8 40.2





#15
Acrylonitrile
Concen: 81.119 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

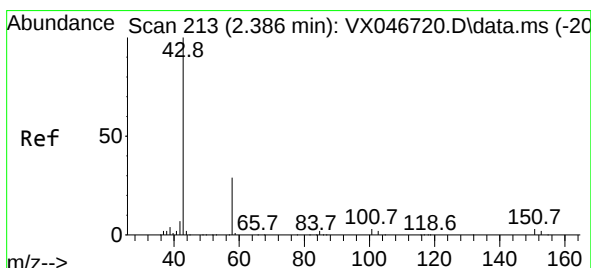
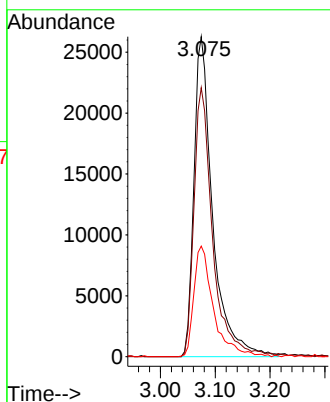
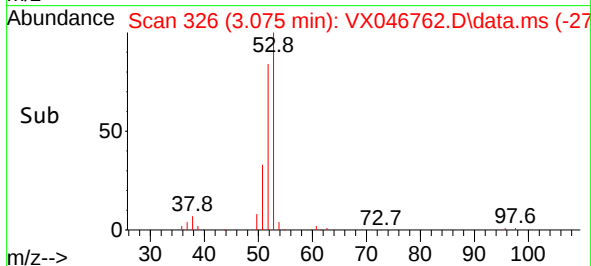
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 53 Resp: 6246
Ion Ratio Lower Upper
53 100
52 83.7 65.1 97.7
51 36.4 28.9 43.3

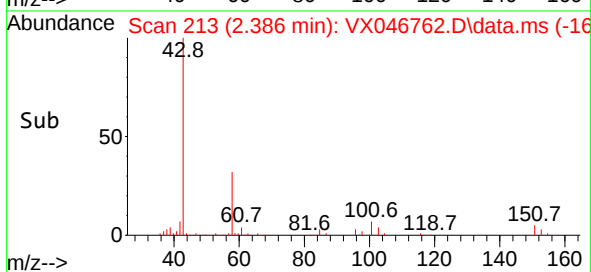
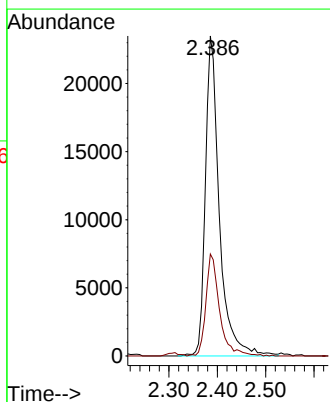
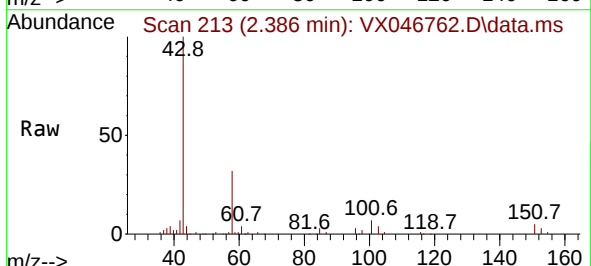
Manual Integrations
APPROVED

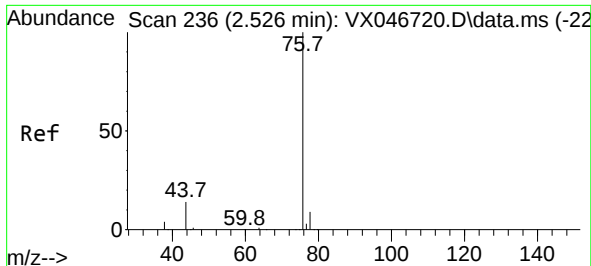
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 74.096 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 47143
Ion Ratio Lower Upper
43 100
58 33.0 24.5 36.7





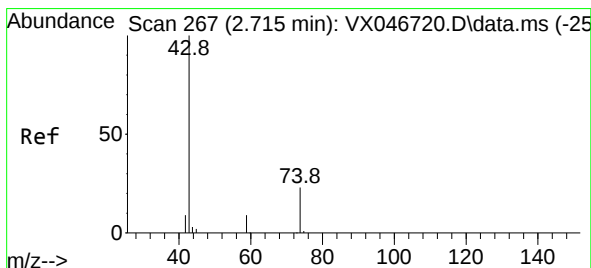
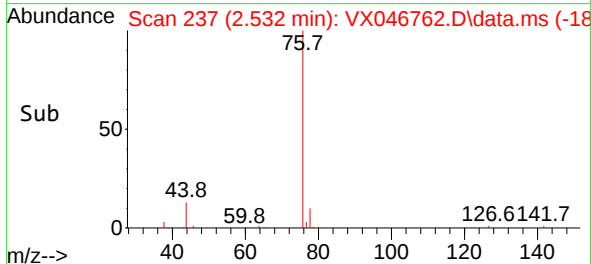
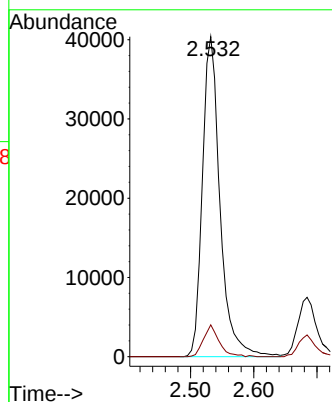
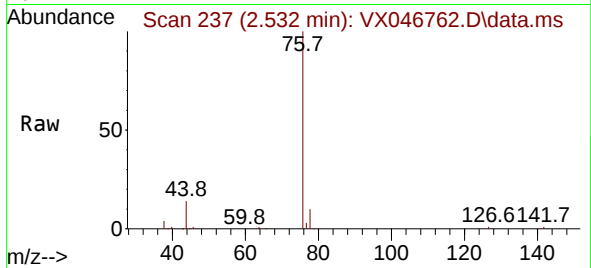
#17
Carbon Disulfide
Concen: 17.041 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 76 Resp: 7840
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

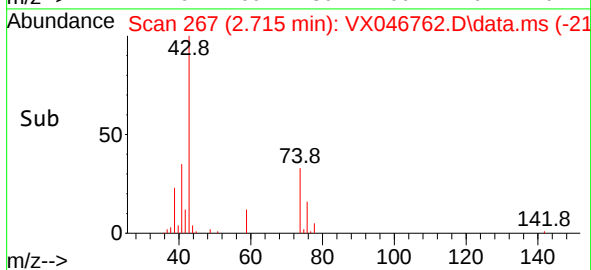
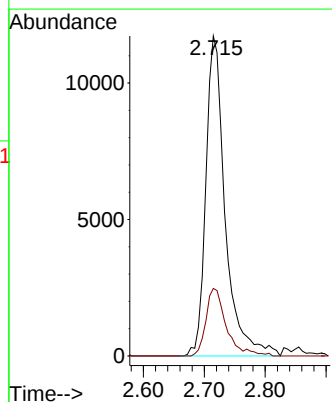
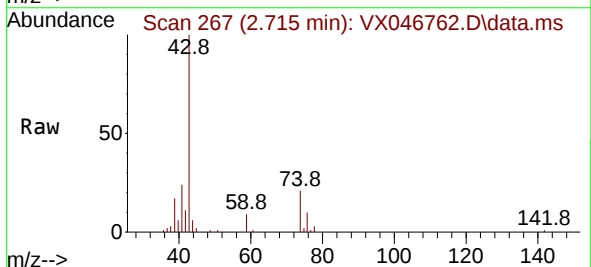
Manual Integrations
APPROVED

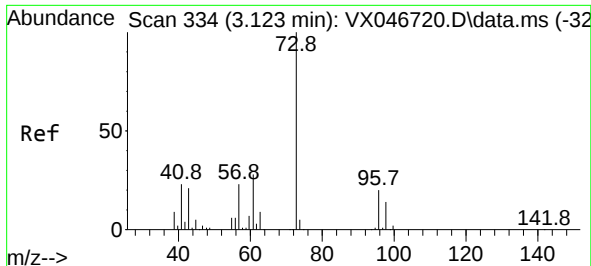
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 16.004 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 43 Resp: 25862
Ion Ratio Lower Upper
43 100
74 22.2 18.4 27.6





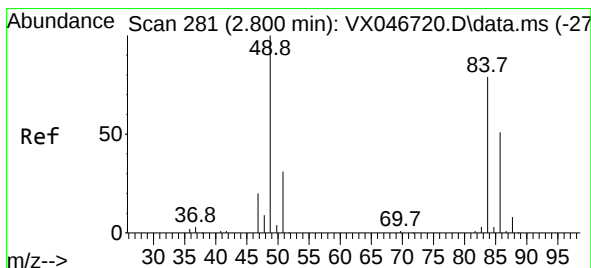
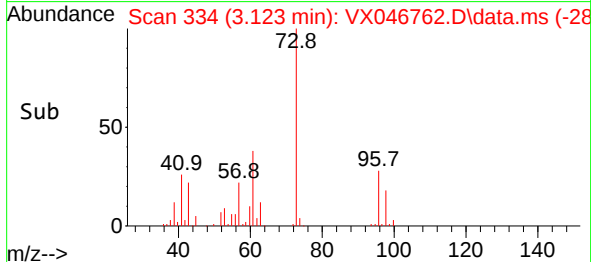
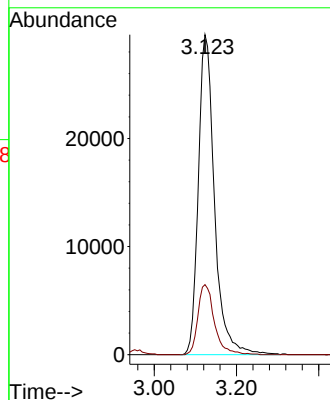
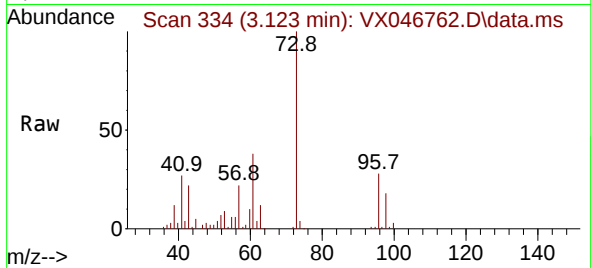
#19
Methyl tert-butyl Ether
Concen: 16.997 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 73 Resp: 8063
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2

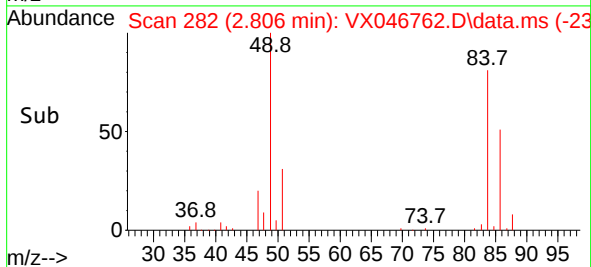
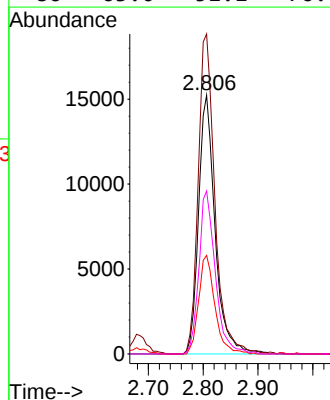
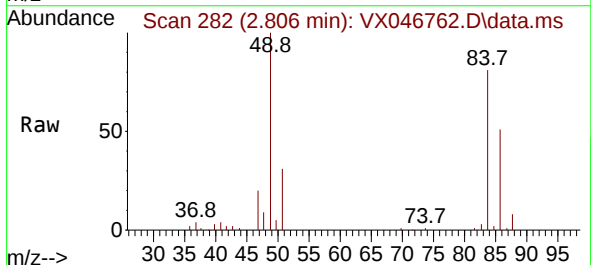
Manual Integrations
APPROVED

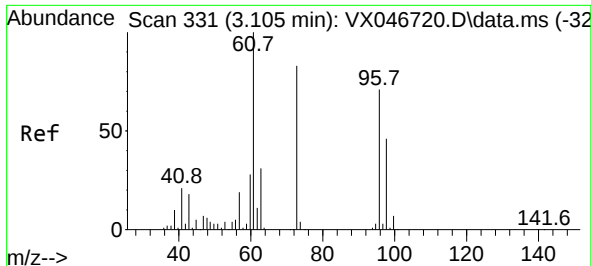
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 18.113 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

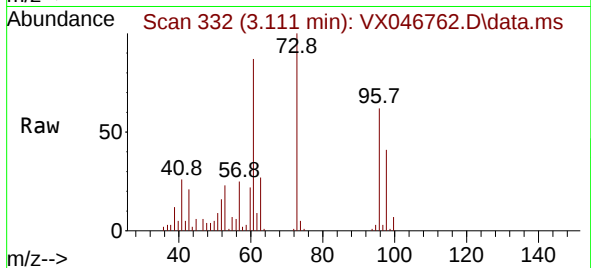
Tgt Ion: 84 Resp: 32048
Ion Ratio Lower Upper
84 100
49 123.7 101.3 151.9
51 38.1 31.0 46.6
86 63.0 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 18.253 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

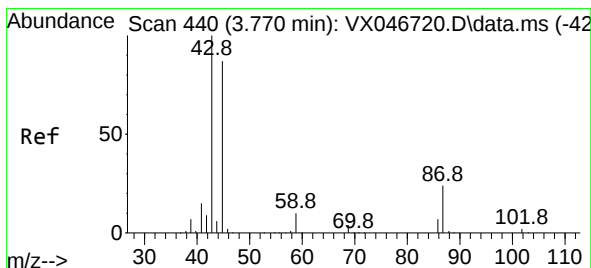
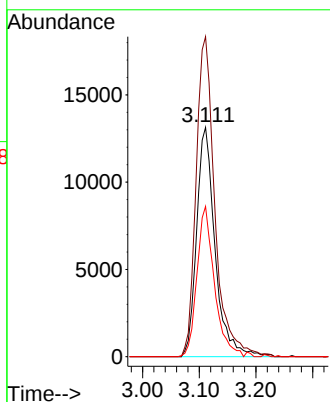
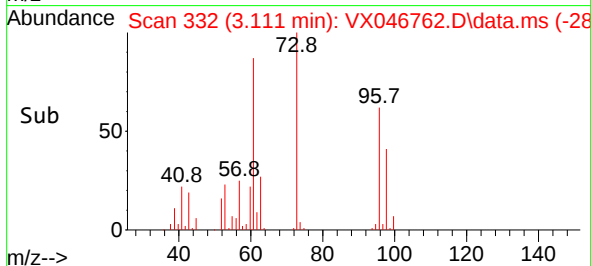
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 96 Resp: 2975
Ion Ratio Lower Upper
96 100
61 139.5 112.5 168.7
98 65.5 51.9 77.9

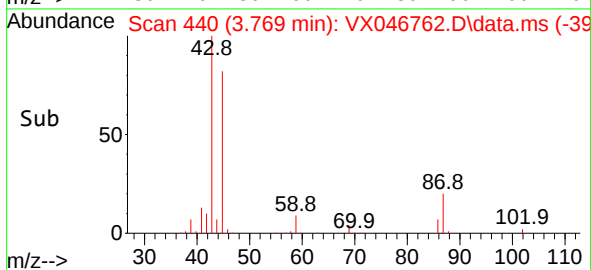
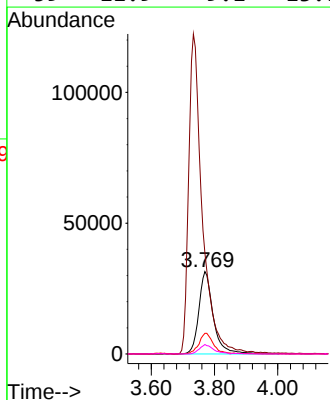
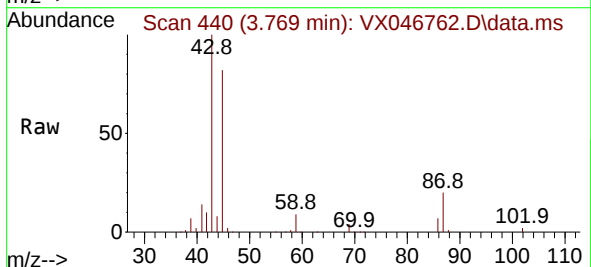
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 18.921 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 45 Resp: 100392
Ion Ratio Lower Upper
45 100
43 121.9 91.9 137.9
87 25.0 22.0 33.0
59 11.9 9.1 13.7





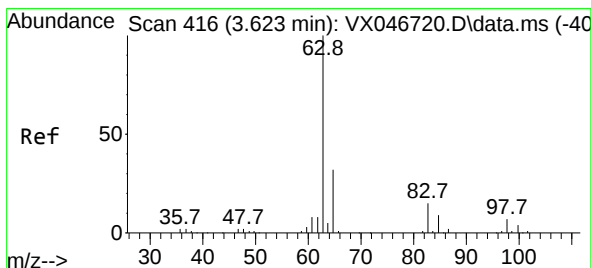
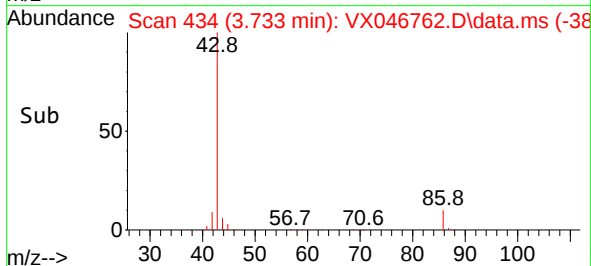
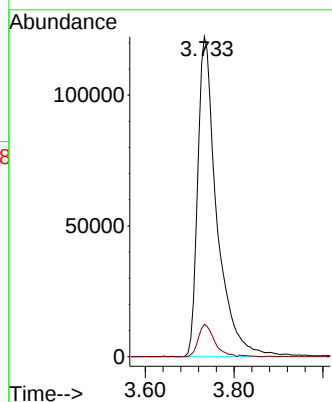
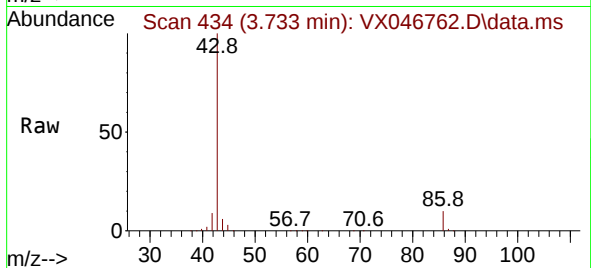
#23
 Vinyl Acetate
 Concen: 86.676 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046762.D
 Acq: 19 Jun 2025 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tgt Ion: 43 Resp: 36571
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2

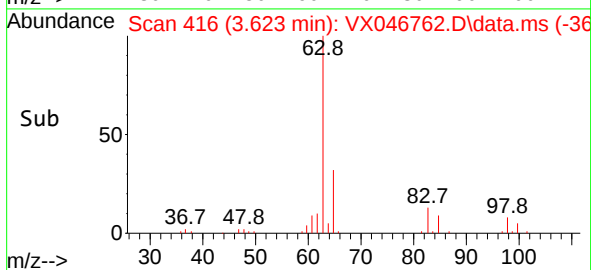
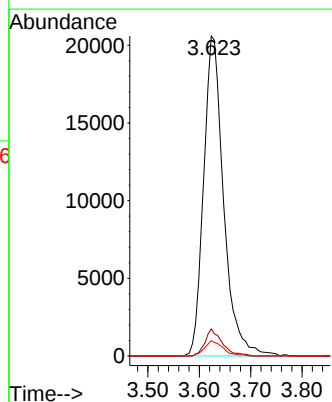
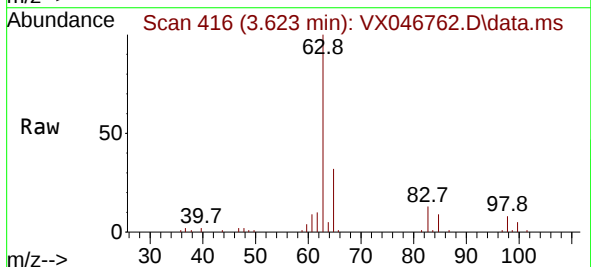
Manual Integrations
 APPROVED

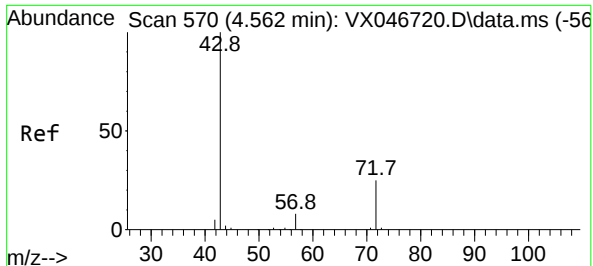
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 18.477 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046762.D
 Acq: 19 Jun 2025 11:24

Tgt Ion: 63 Resp: 55663
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 78.864 ug/l m

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tgt Ion: 43 Resp: 70964

Ion Ratio Lower Upper

43 100

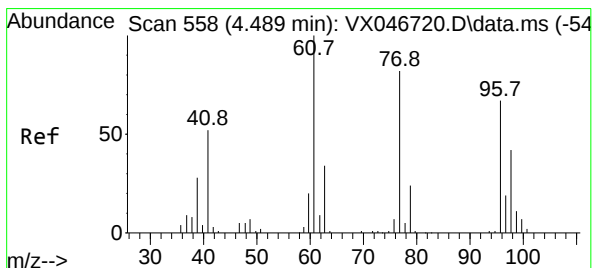
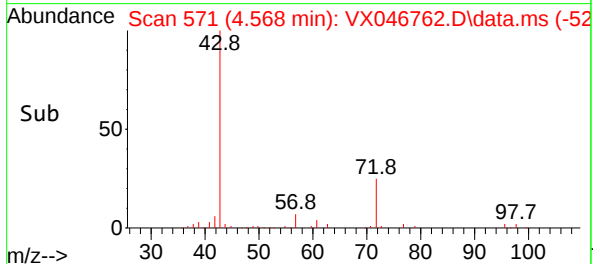
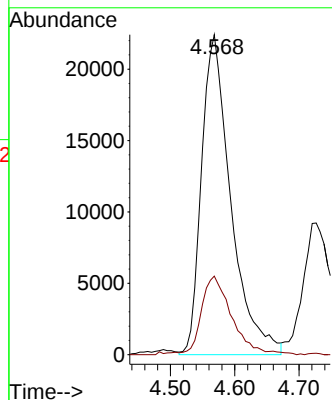
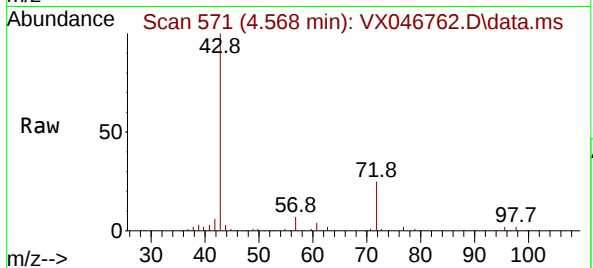
72 24.6 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#26

2,2-Dichloropropane

Concen: 17.951 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX046762.D

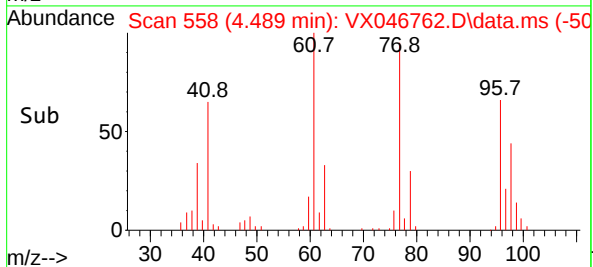
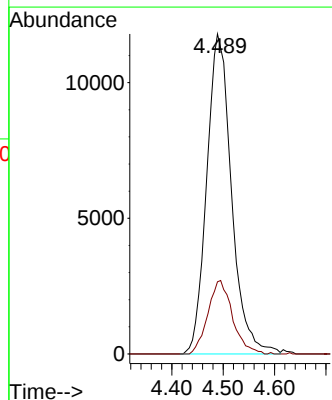
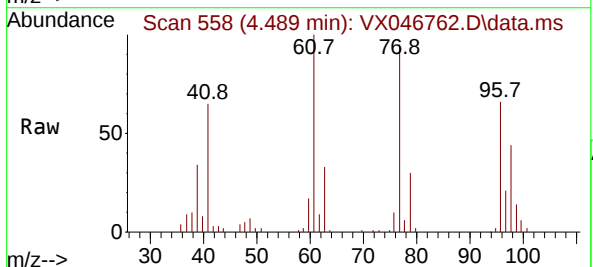
Acq: 19 Jun 2025 11:24

Tgt Ion: 77 Resp: 39442

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.560 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tgt Ion: 96 Resp: 3554

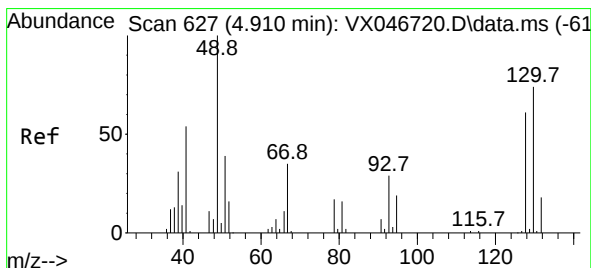
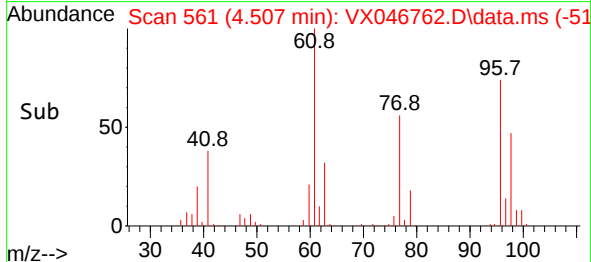
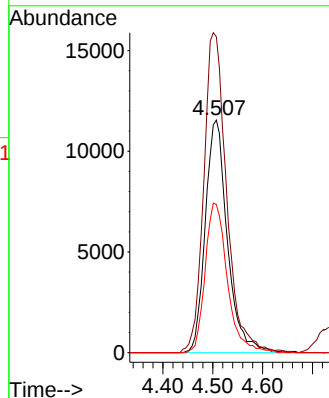
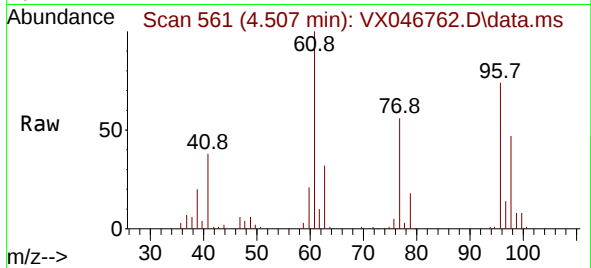
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	291.0
98	64.5	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#28

Bromochloromethane

Concen: 20.816 ug/l

RT: 4.910 min Scan# 627

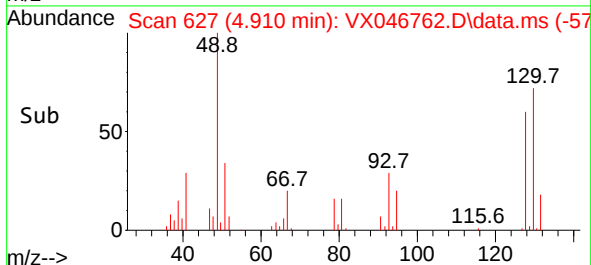
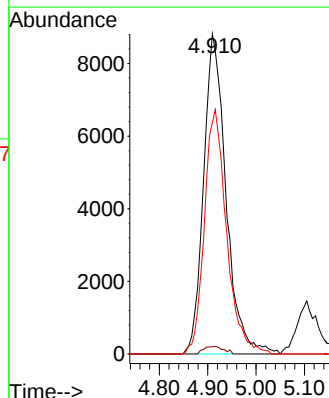
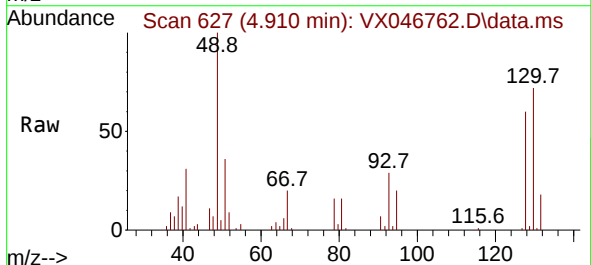
Delta R.T. -0.000 min

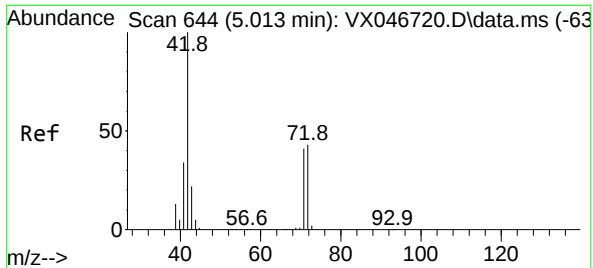
Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Tgt Ion: 49 Resp: 28430

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	75.5	61.4	92.0





#29

Tetrahydrofuran

Concen: 76.721 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

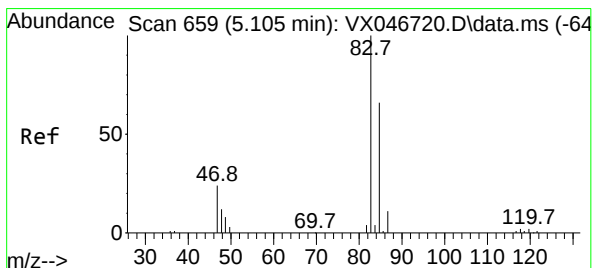
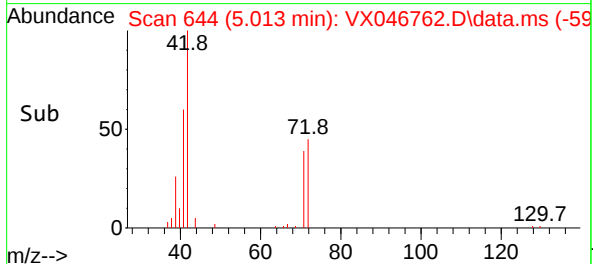
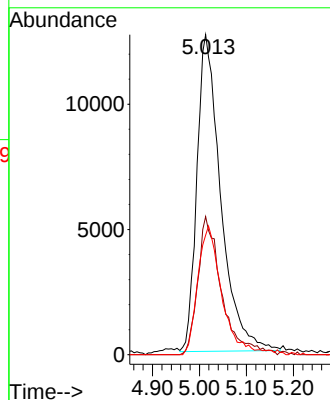
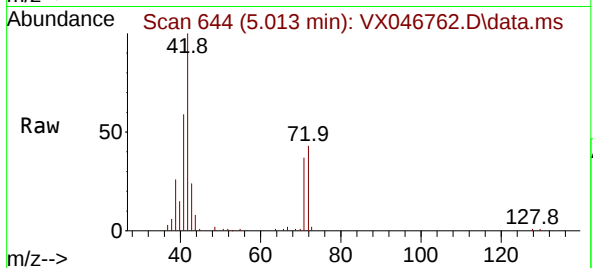
Tgt Ion:	42	Resp:	4459
Ion Ratio	Lower	Upper	
42	100		
72	43.4	34.9	52.3
71	41.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 18.982 ug/l

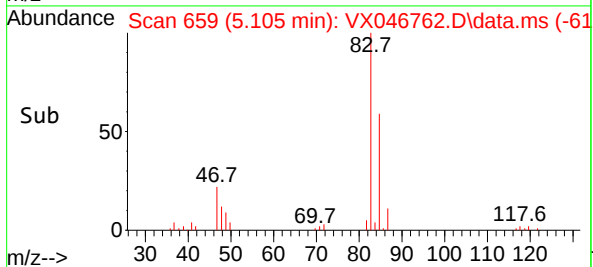
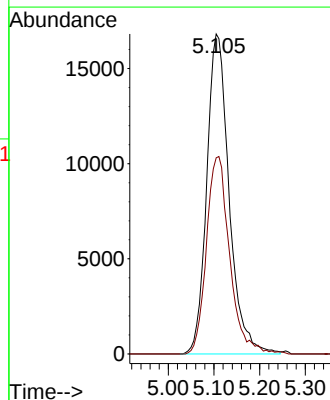
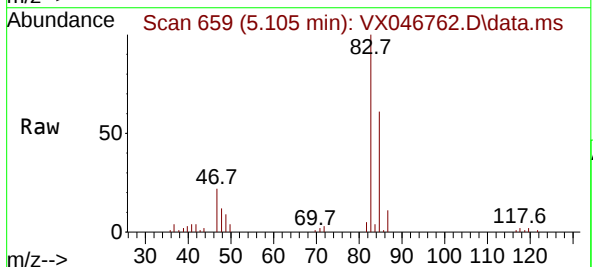
RT: 5.105 min Scan# 659

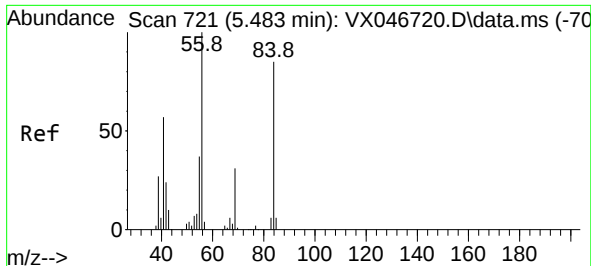
Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

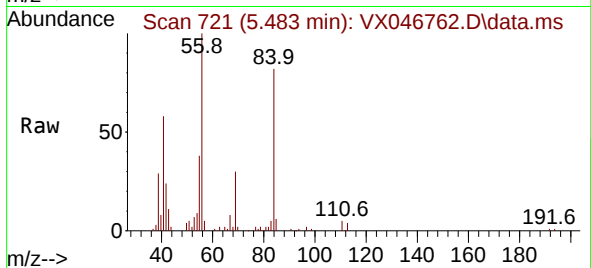
Tgt Ion:	83	Resp:	57187
Ion Ratio	Lower	Upper	
83	100		
85	61.3	53.7	80.5





#31
Cyclohexane
Concen: 18.836 ug/l
RT: 5.483 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

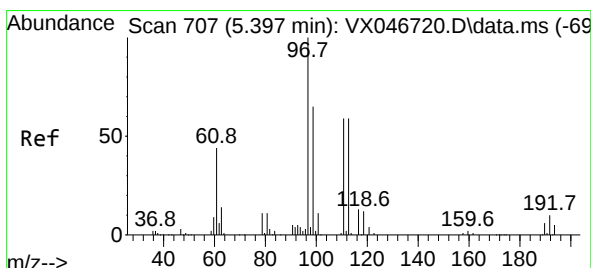
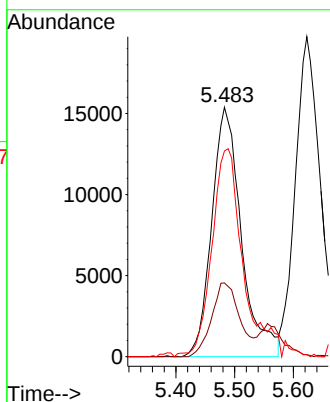
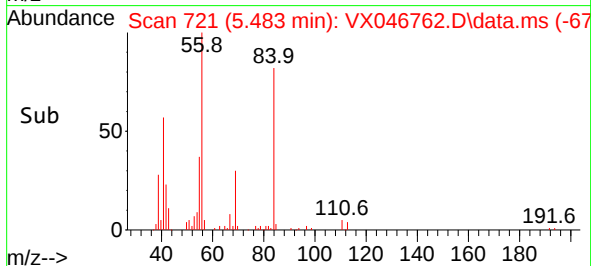
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 56 Resp: 5381
Ion Ratio Lower Upper
56 100
69 29.2 24.8 37.2
84 81.2 68.2 102.2

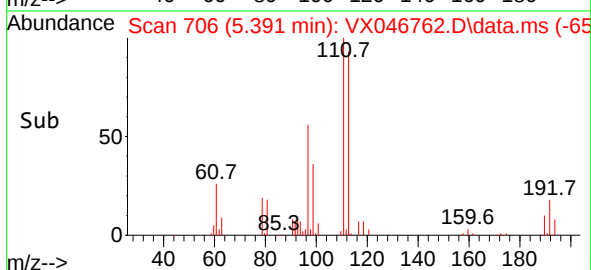
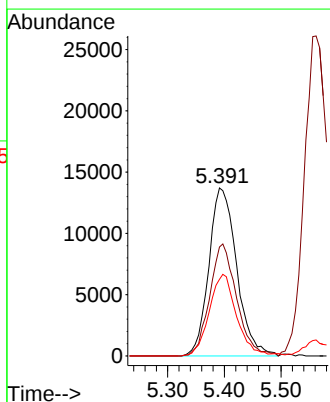
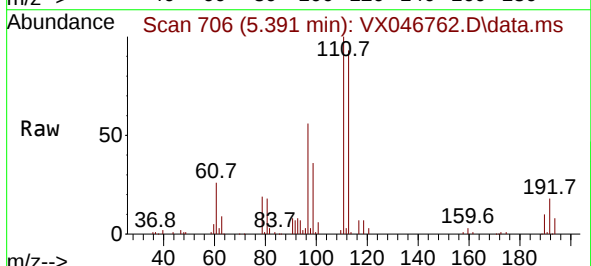
Manual Integrations
APPROVED

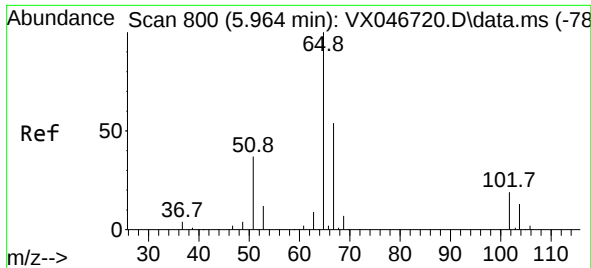
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 17.665 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 97 Resp: 46675
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 47.4 36.4 54.6





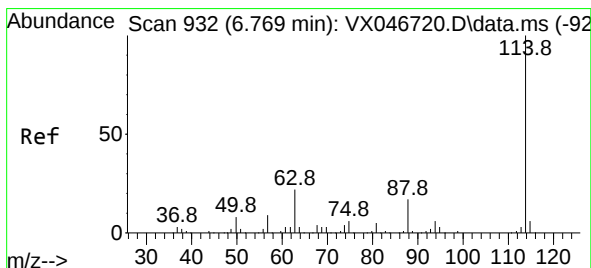
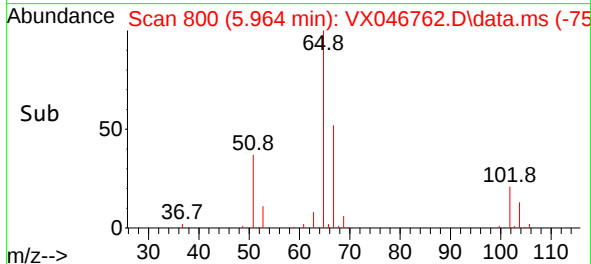
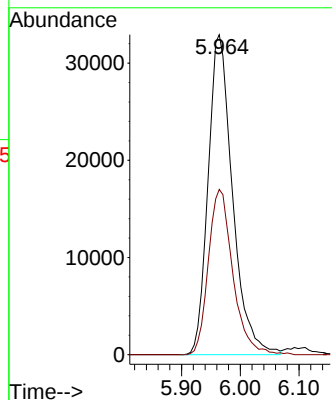
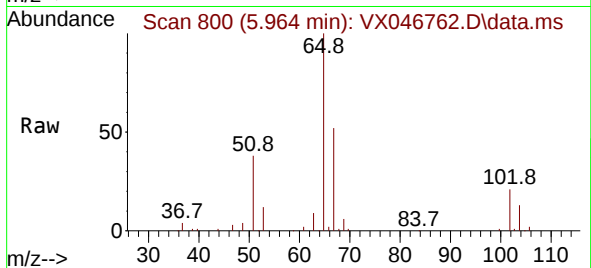
#33
 1,2-Dichloroethane-d4
 Concen: 49.765 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046762.D
 Acq: 19 Jun 2025 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tgt Ion: 65 Resp: 94940
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.4

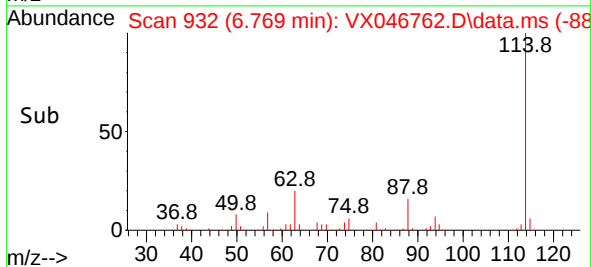
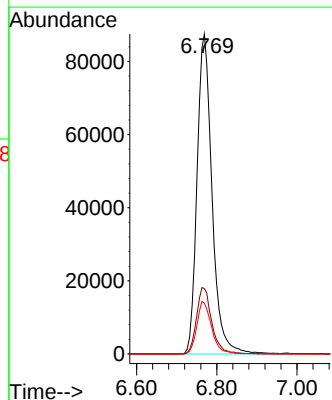
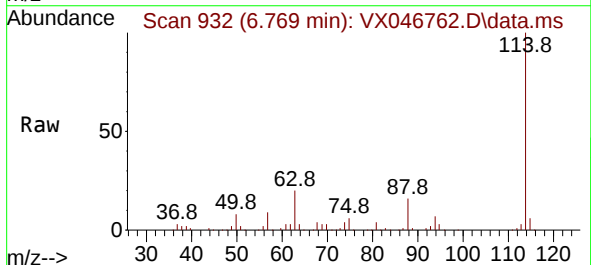
Manual Integrations
 APPROVED

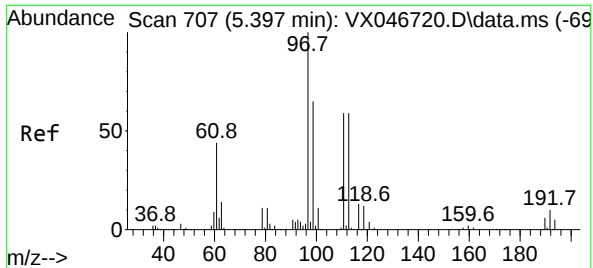
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046762.D
 Acq: 19 Jun 2025 11:24

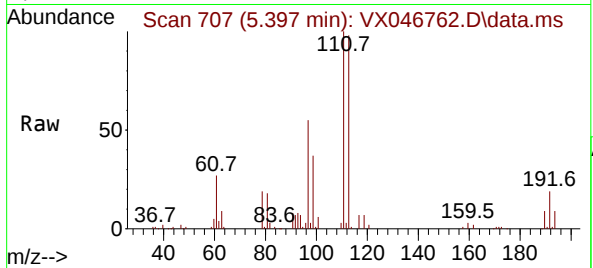
Tgt Ion:114 Resp: 227140
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.2
 88 15.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.032 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

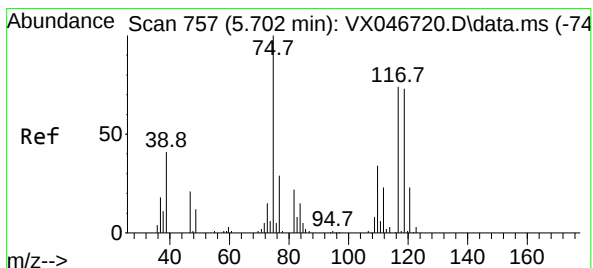
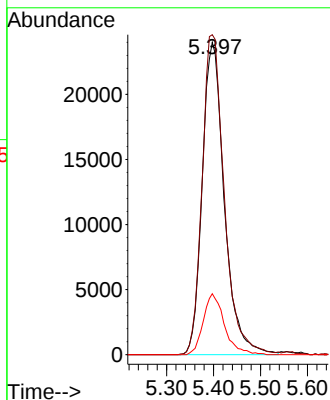
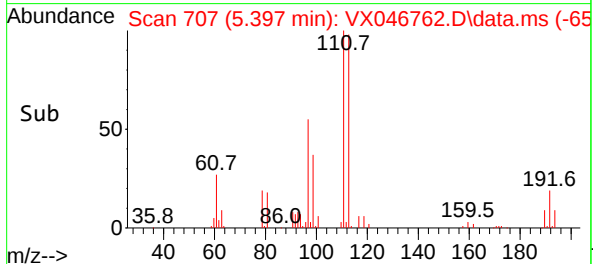
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 113 Resp: 78190
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.8 15.3 22.9

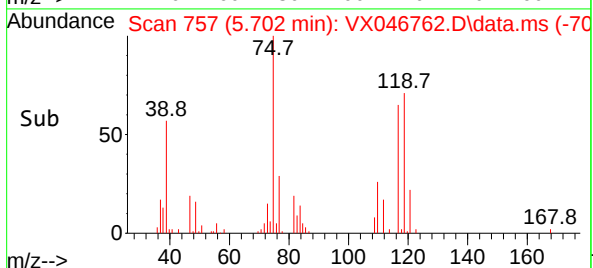
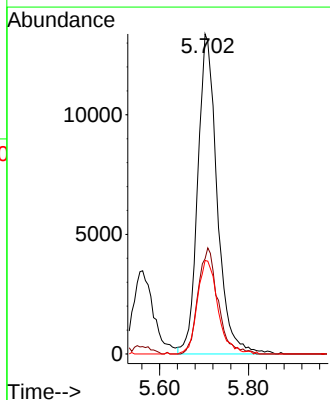
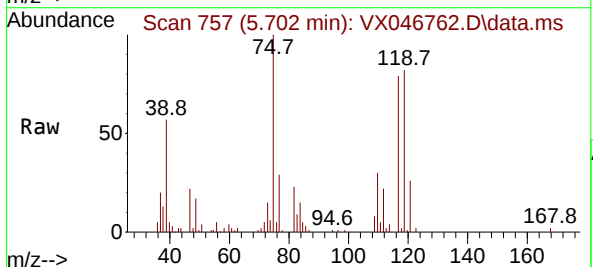
Manual Integrations
APPROVED

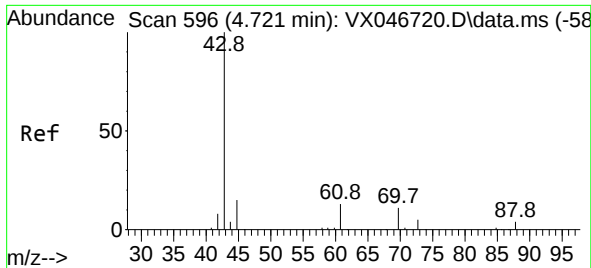
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 18.754 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

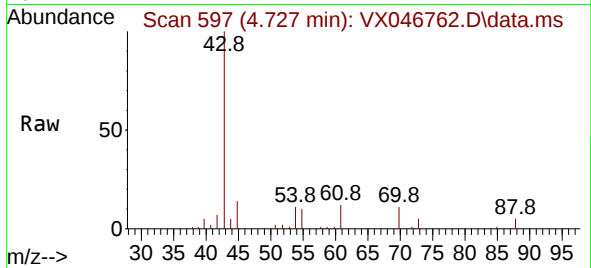
Tgt Ion: 75 Resp: 40684
Ion Ratio Lower Upper
75 100
110 34.0 17.2 51.5
77 31.1 24.2 36.4





#37
Ethyl Acetate
Concen: 15.895 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

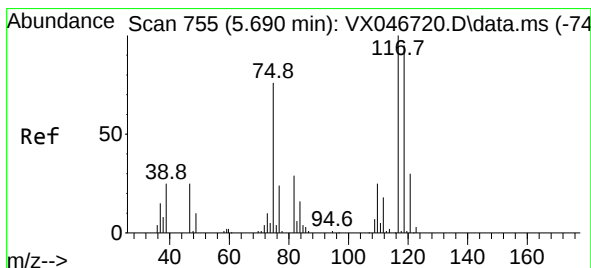
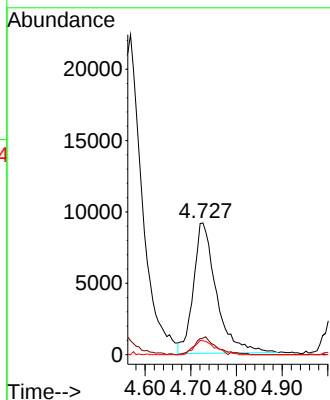
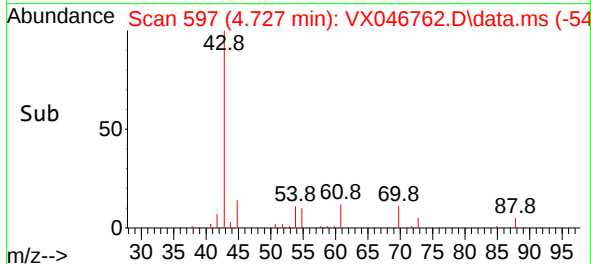
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 43 Resp: 31829
Ion Ratio Lower Upper
43 100
61 12.9 9.7 14.5
70 9.5 8.1 12.1

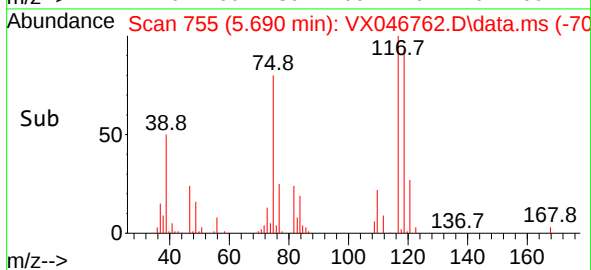
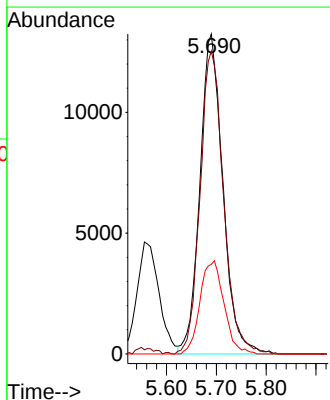
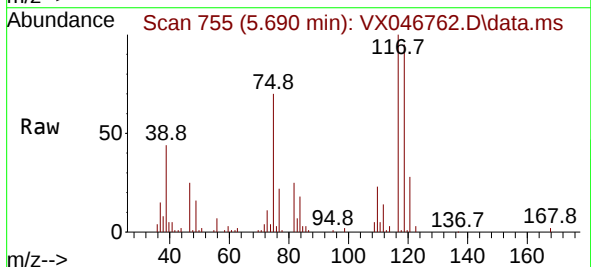
Manual Integrations
APPROVED

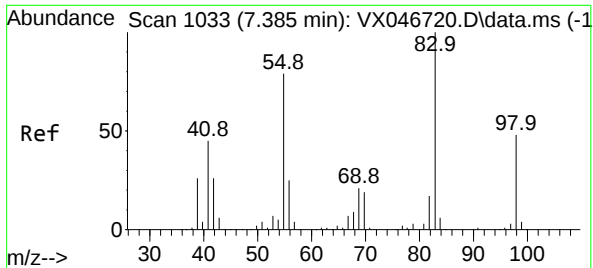
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 18.031 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:117 Resp: 42451
Ion Ratio Lower Upper
117 100
119 94.7 75.2 112.8
121 28.0 24.1 36.1





#39

Methylcyclohexane

Concen: 18.541 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

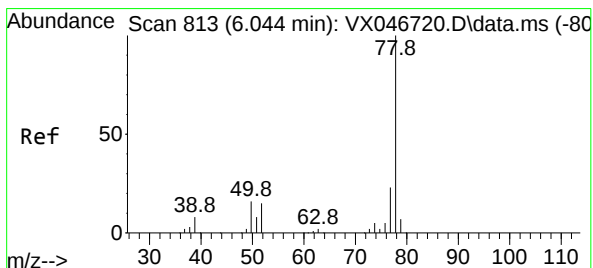
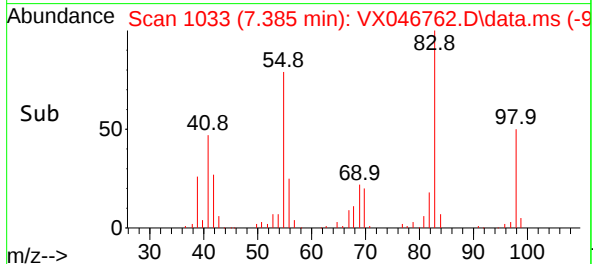
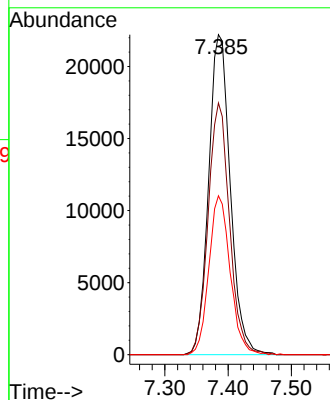
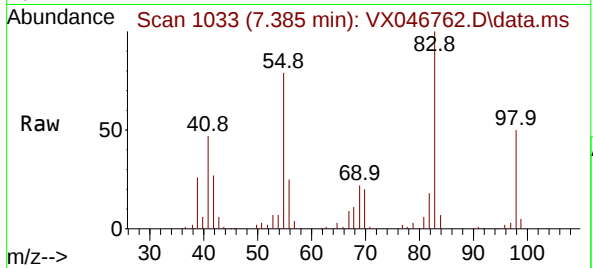
Tgt Ion:	83	Resp:	5293
Ion Ratio	Lower	Upper	
83	100		
55	78.7	63.0	94.4
98	49.6	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#40

Benzene

Concen: 18.864 ug/l

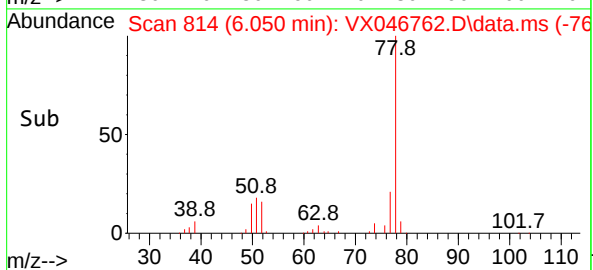
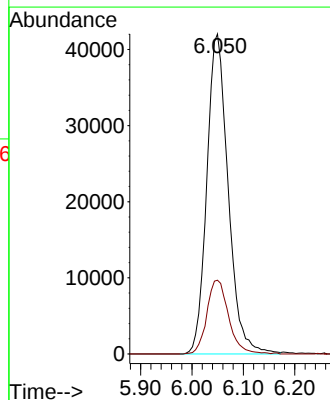
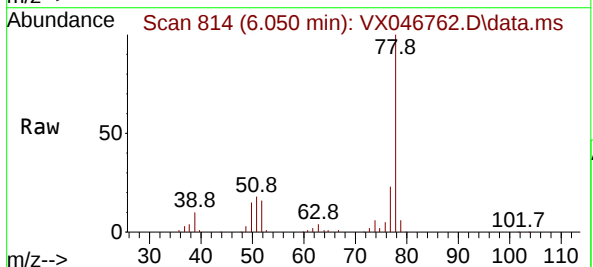
RT: 6.050 min Scan# 814

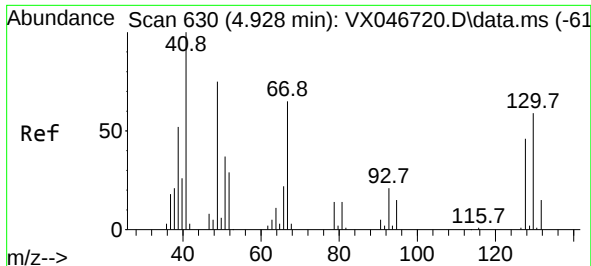
Delta R.T. 0.006 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

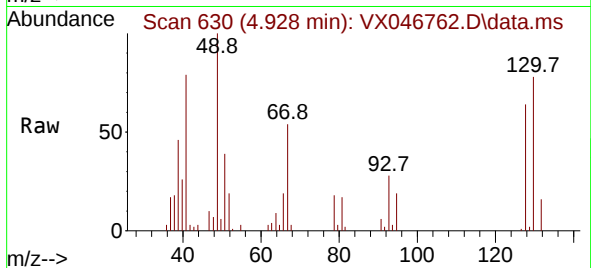
Tgt Ion:	78	Resp:	121111
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.8	28.2





#41
Methacrylonitrile
Concen: 16.137 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

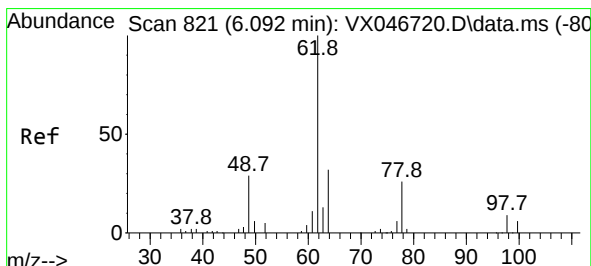
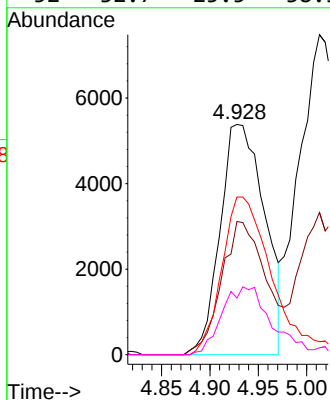
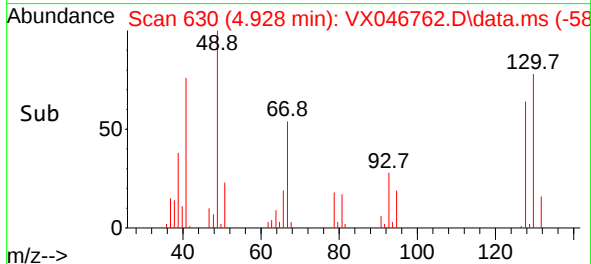
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 41 Resp: 1722
Ion Ratio Lower Upper
41 100
39 58.4 45.9 68.9
67 77.6 61.2 91.8
52 32.7 25.5 38.3

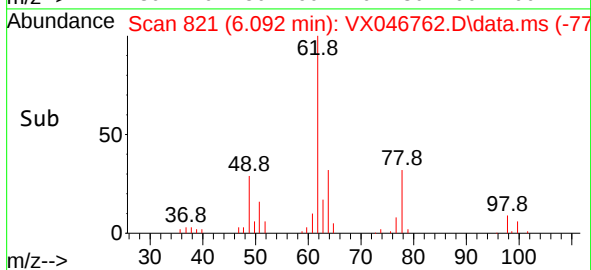
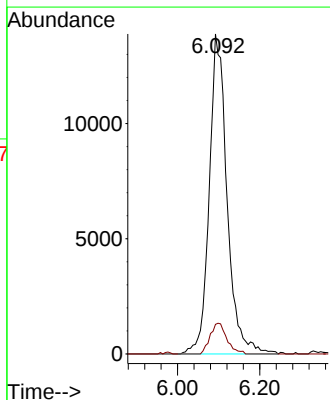
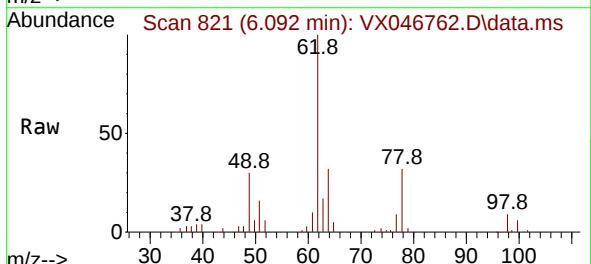
Manual Integrations
APPROVED

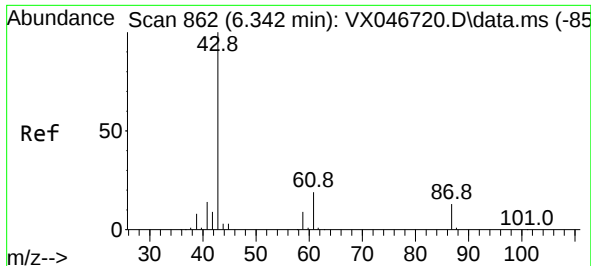
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 18.518 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

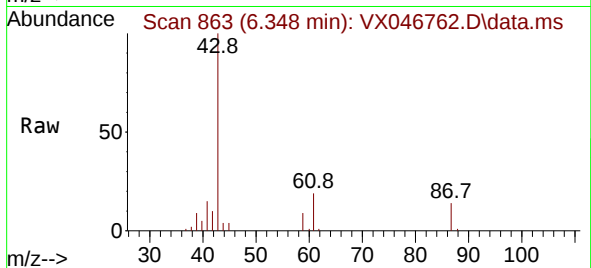
Tgt Ion: 62 Resp: 41780
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.8





#43
Isopropyl Acetate
Concen: 16.286 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

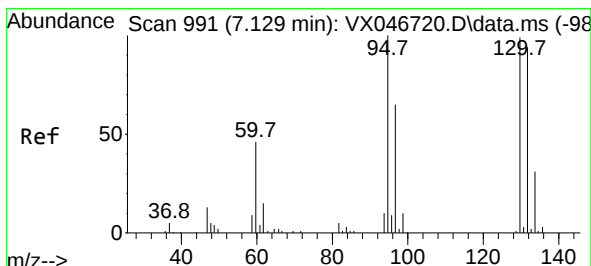
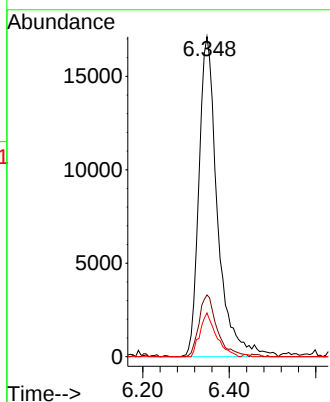
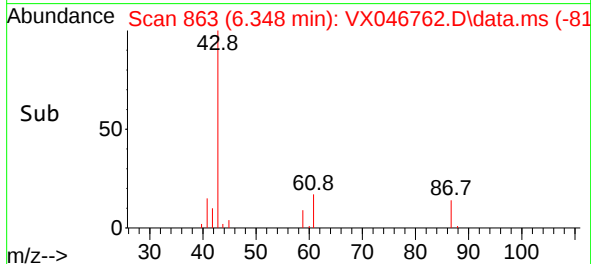
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



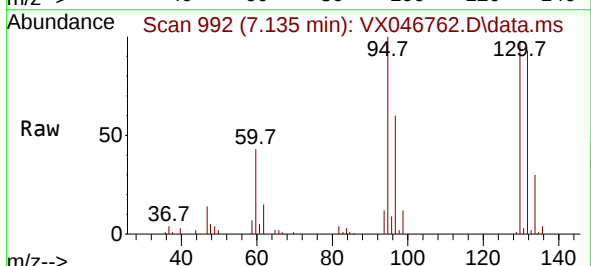
Tgt Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
61 18.7 15.3 22.9
87 12.0 10.0 15.0

Manual Integrations
APPROVED

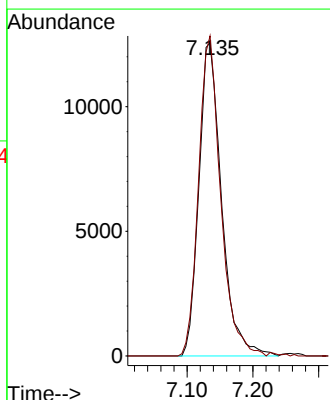
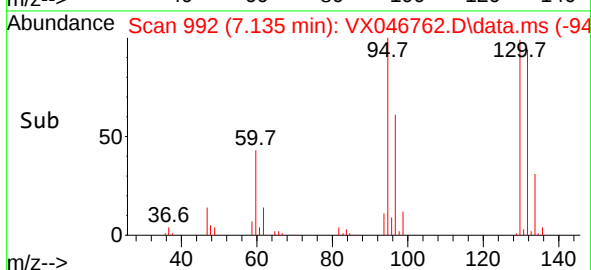
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

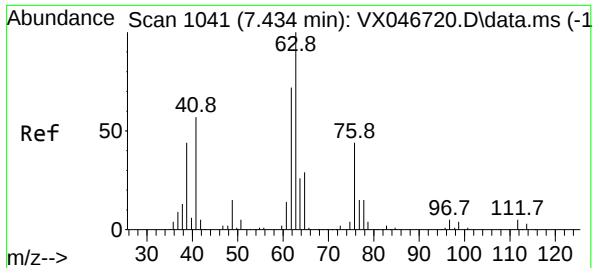


#44
Trichloroethene
Concen: 18.392 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



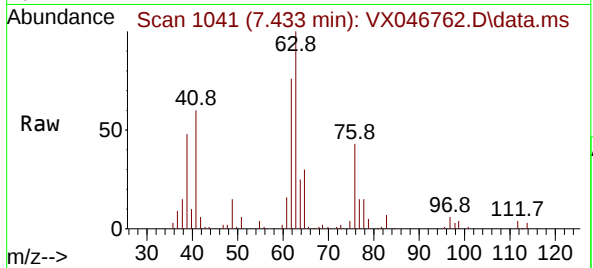
Tgt Ion:130 Resp: 30093
Ion Ratio Lower Upper
130 100
95 102.2 0.0 202.6





#45
1,2-Dichloropropane
Concen: 18.429 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

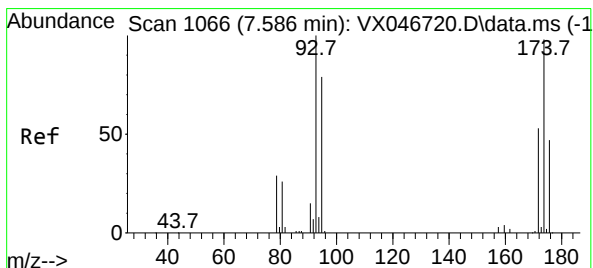
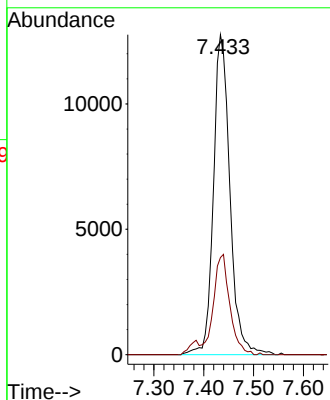
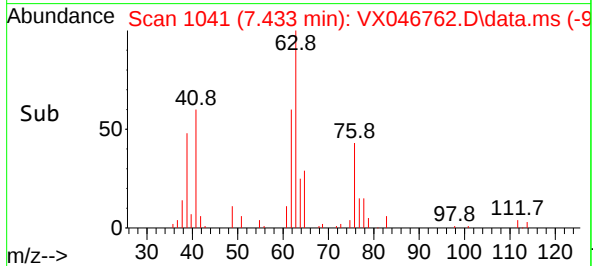
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 63 Resp: 2932
Ion Ratio Lower Upper
63 100
65 31.0 22.9 34.3

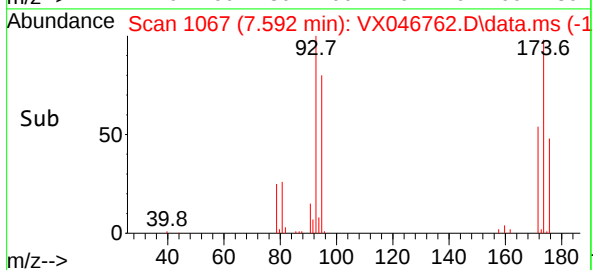
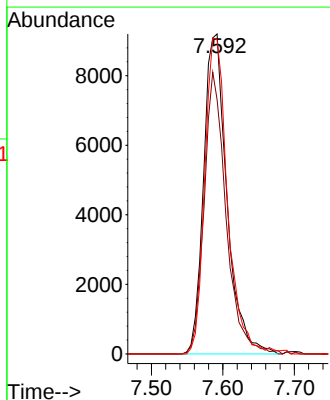
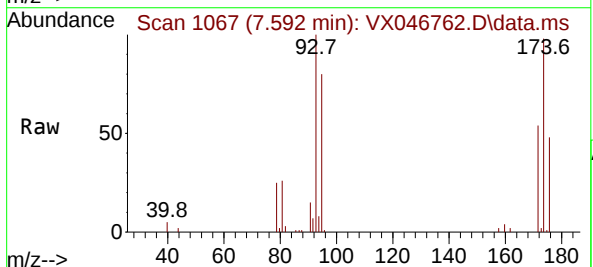
Manual Integrations
APPROVED

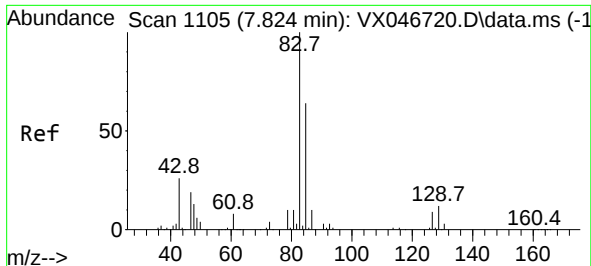
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#46
Dibromomethane
Concen: 18.181 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

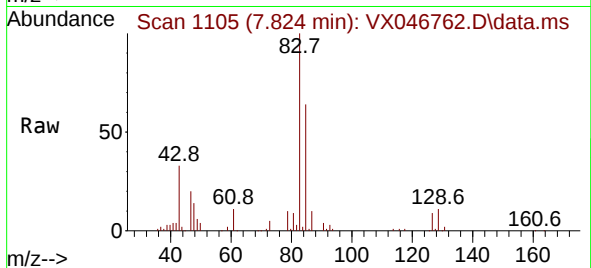
Tgt Ion: 93 Resp: 20791
Ion Ratio Lower Upper
93 100
95 83.0 66.2 99.4
174 97.3 77.0 115.6





#47
Bromodichloromethane
Concen: 18.870 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

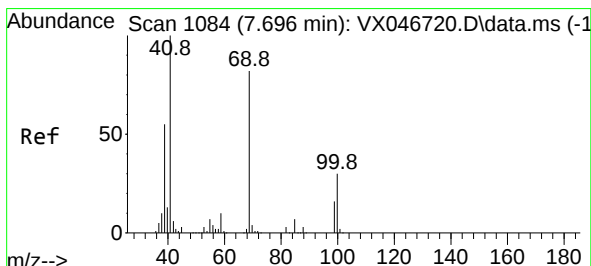
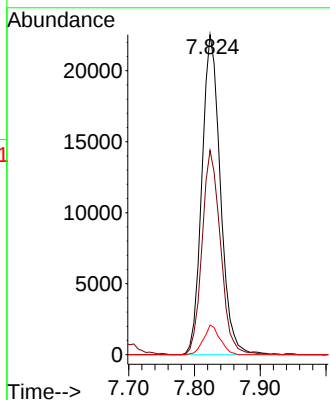
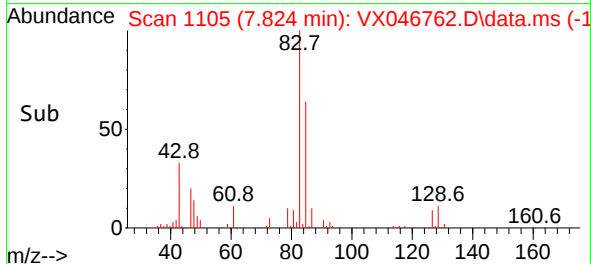
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 83 Resp: 44034
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2
127 9.3 6.9 10.3

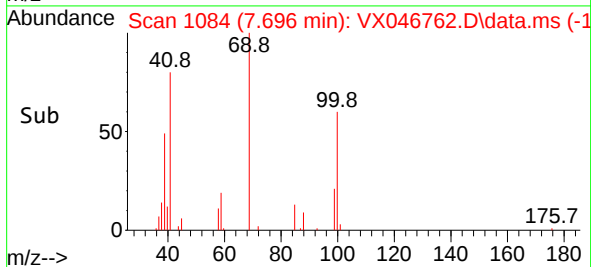
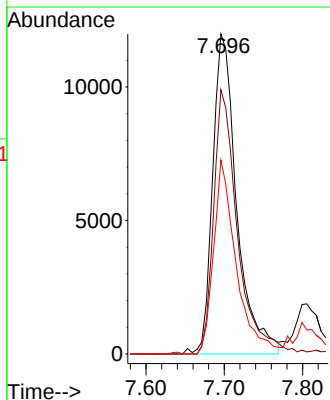
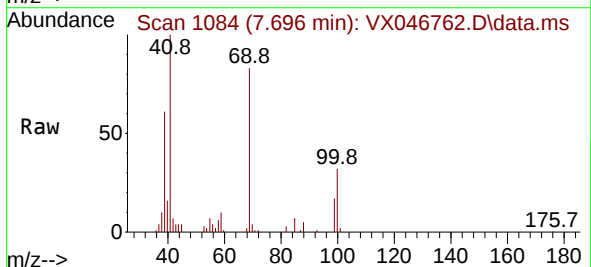
Manual Integrations
APPROVED

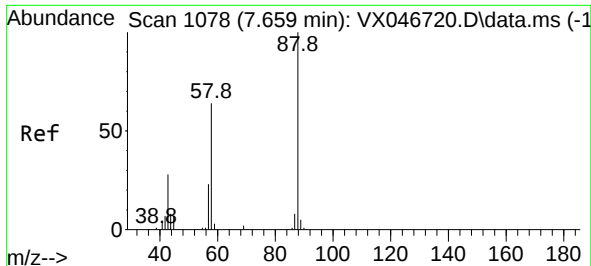
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 16.301 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

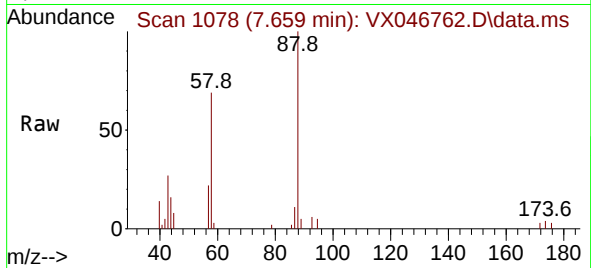
Tgt Ion: 41 Resp: 25618
Ion Ratio Lower Upper
41 100
69 82.0 63.4 95.2
39 57.0 45.4 68.0





#49
1,4-Dioxane
Concen: 299.149 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

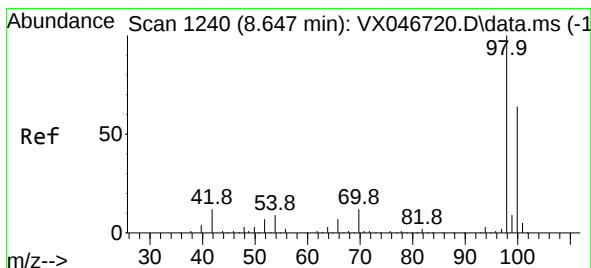
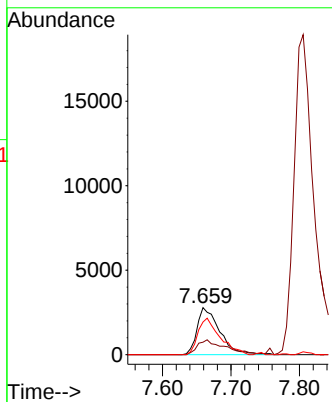
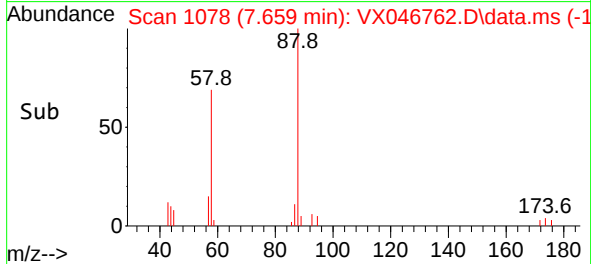
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 88 Resp: 6374
Ion Ratio Lower Upper
88 100
43 38.3 31.2 46.8
58 75.1 54.7 82.1

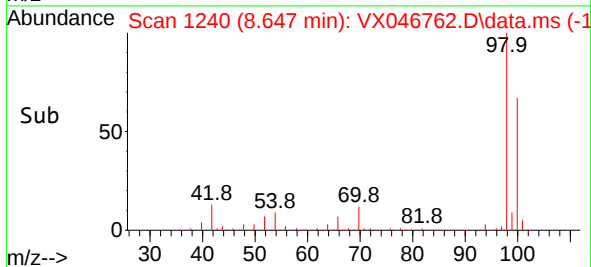
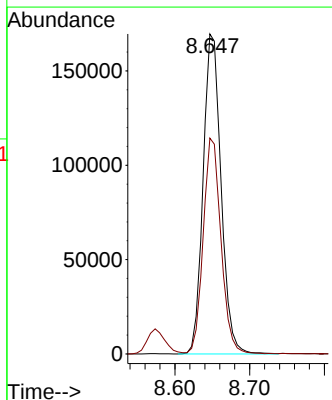
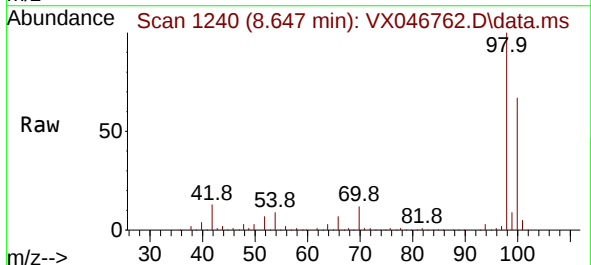
Manual Integrations
APPROVED

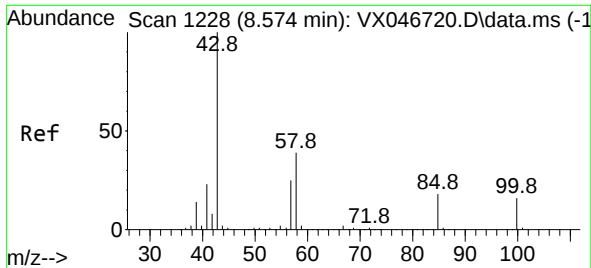
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50
Toluene-d8
Concen: 52.340 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 98 Resp: 282602
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





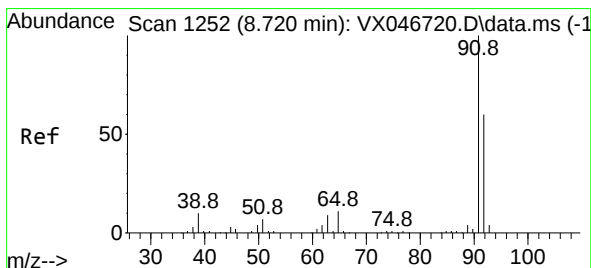
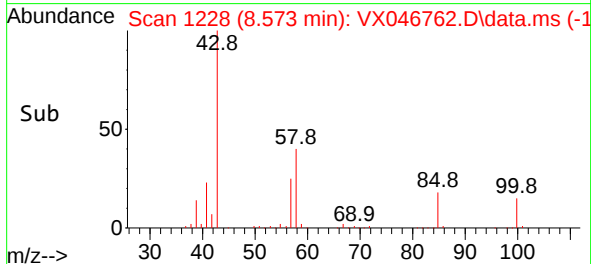
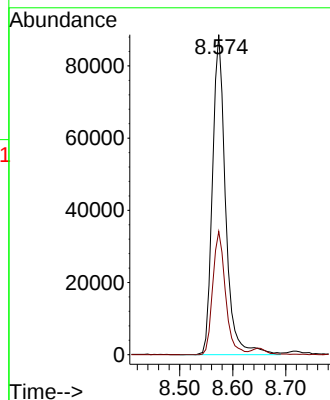
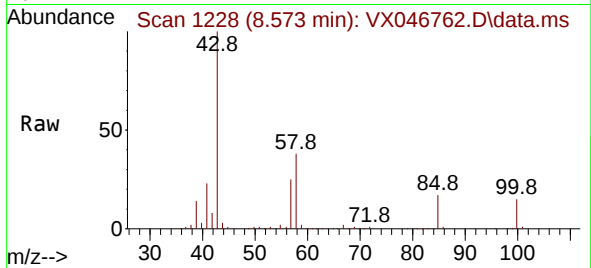
#51
4-Methyl-2-Pentanone
Concen: 81.636 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 43 Resp: 15256
Ion Ratio Lower Upper
43 100
58 37.5 30.8 46.2

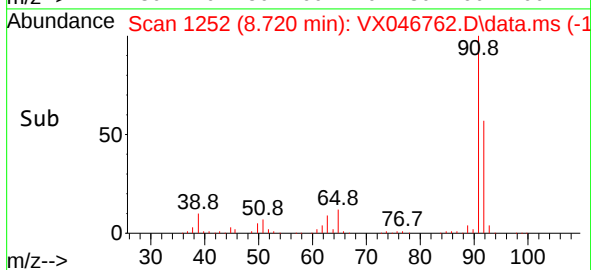
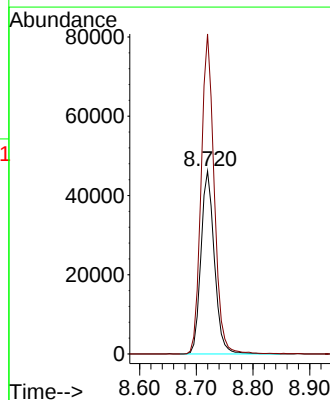
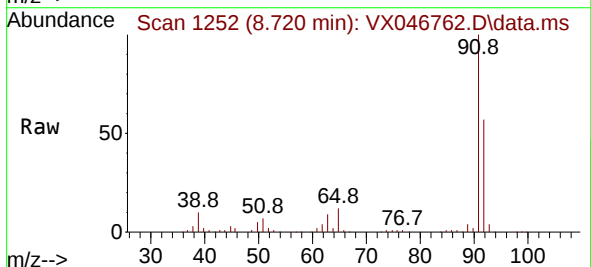
Manual Integrations
APPROVED

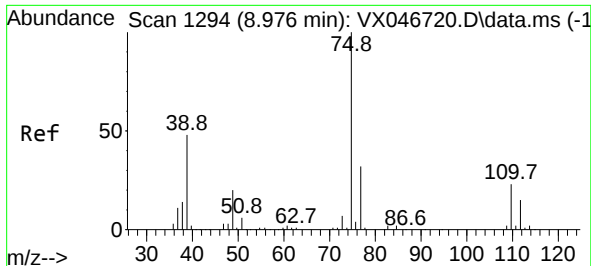
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 19.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 92 Resp: 75814
Ion Ratio Lower Upper
92 100
91 170.6 134.8 202.2





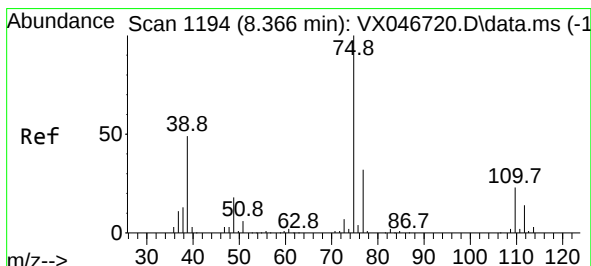
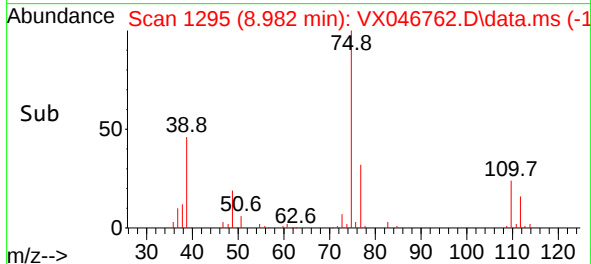
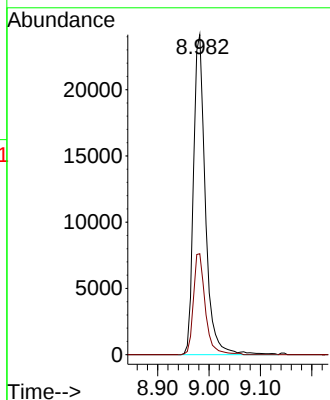
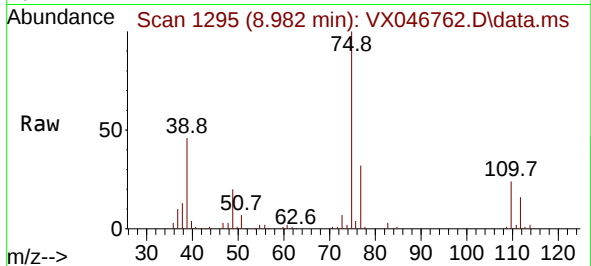
#53
t-1,3-Dichloropropene
Concen: 17.985 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 75 Resp: 3894
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

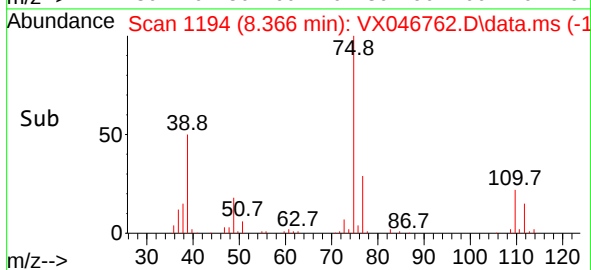
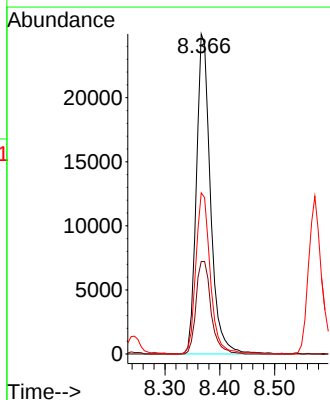
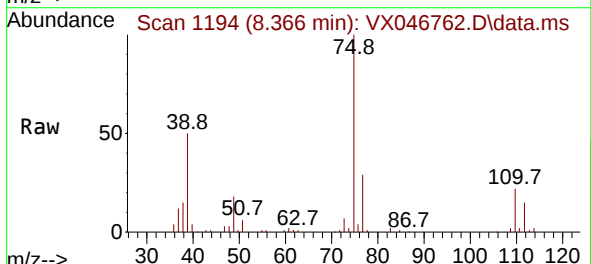
Manual Integrations
APPROVED

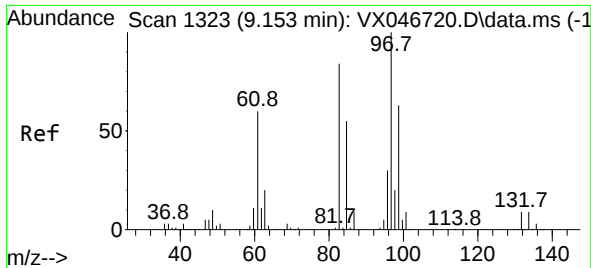
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 18.171 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

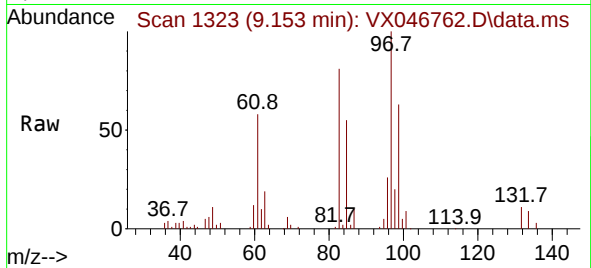
Tgt Ion: 75 Resp: 44663
Ion Ratio Lower Upper
75 100
77 28.9 25.3 37.9
39 48.7 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 18.544 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

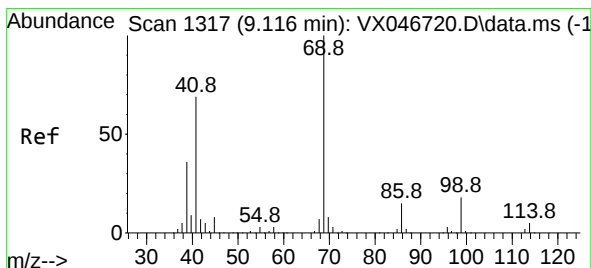
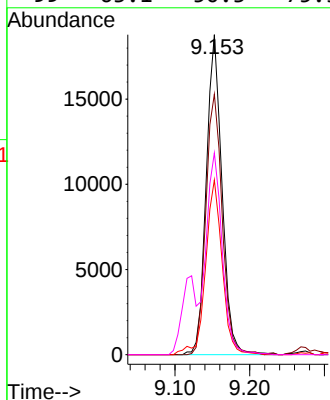
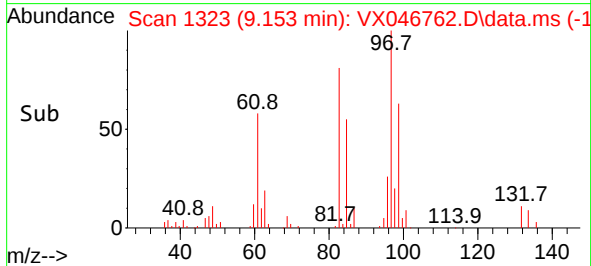
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



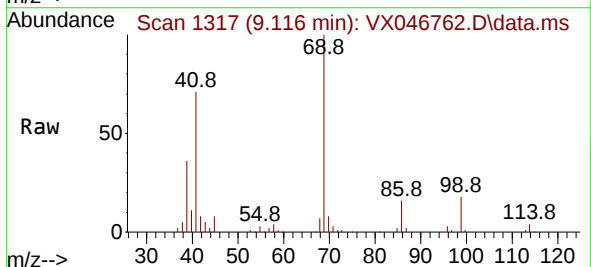
Tgt Ion: 97 Resp: 2750
Ion Ratio Lower Upper
97 100
83 81.4 67.2 100.8
85 54.6 44.1 66.1
99 63.1 50.3 75.5

Manual Integrations
APPROVED

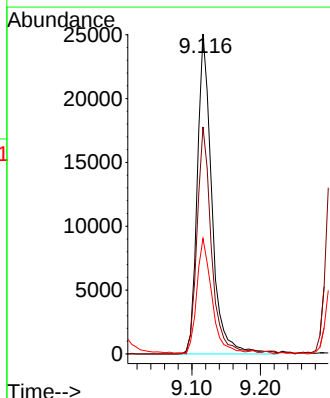
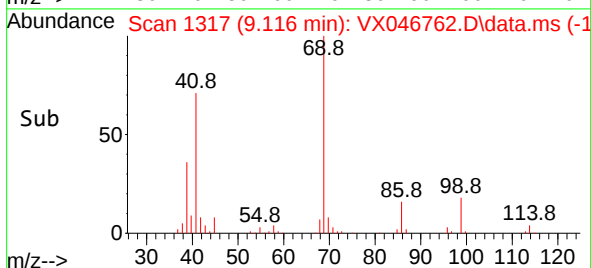
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

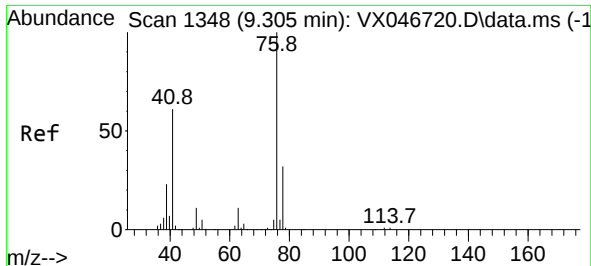


#56
Ethyl methacrylate
Concen: 16.942 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



Tgt Ion: 69 Resp: 37095
Ion Ratio Lower Upper
69 100
41 70.6 55.4 83.2
39 36.2 29.7 44.5





#57

1,3-Dichloropropane

Concen: 18.484 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tgt Ion: 76 Resp: 4721

Ion Ratio Lower Upper

76 100

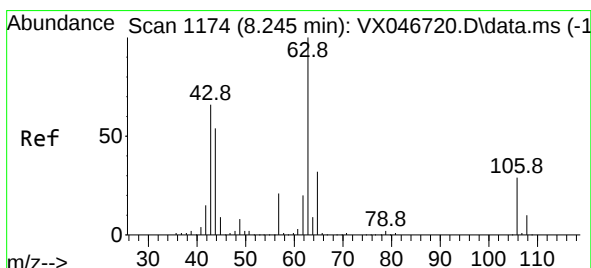
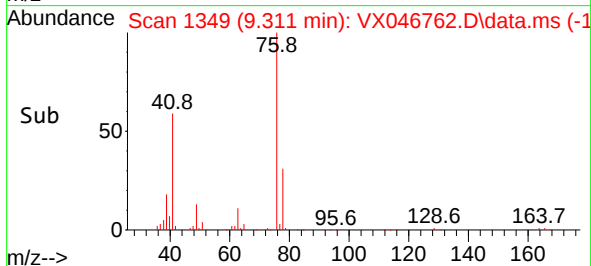
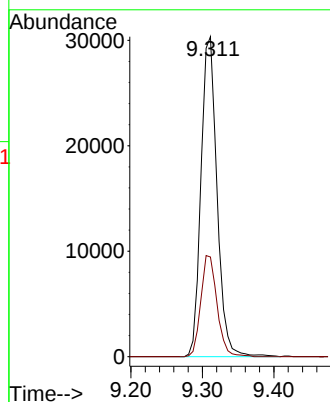
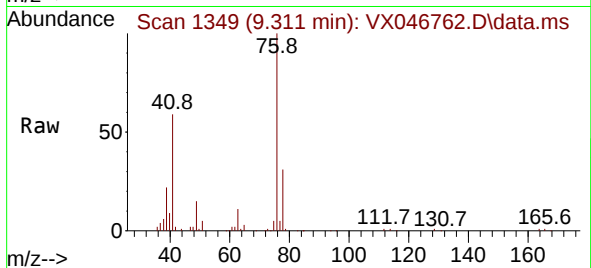
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 89.565 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046762.D

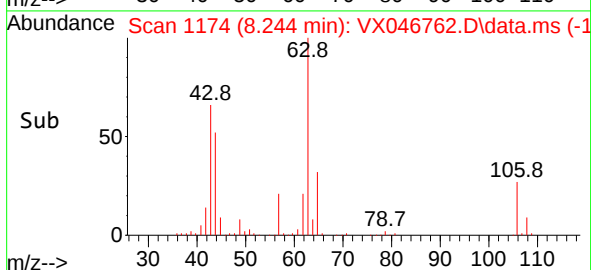
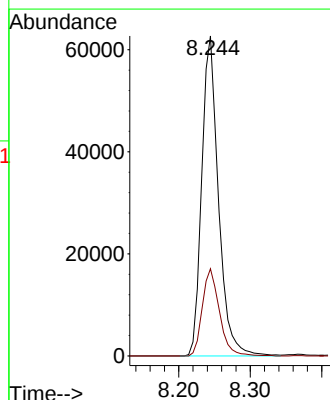
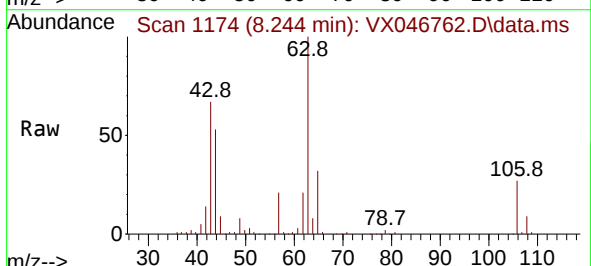
Acq: 19 Jun 2025 11:24

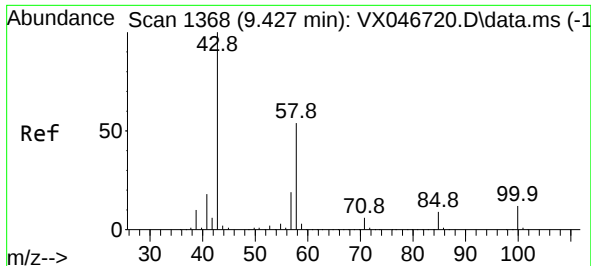
Tgt Ion: 63 Resp: 101869

Ion Ratio Lower Upper

63 100

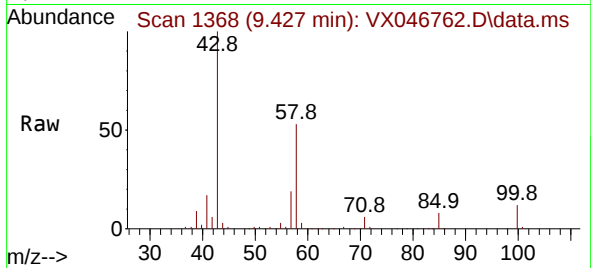
106 27.8 22.6 34.0





#59
2-Hexanone
Concen: 78.935 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

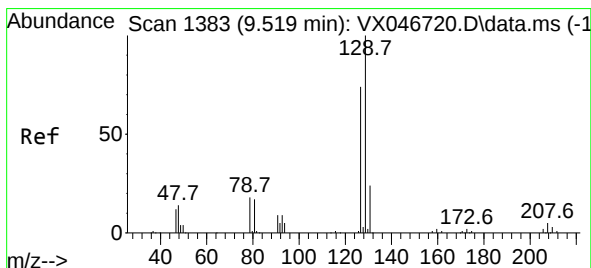
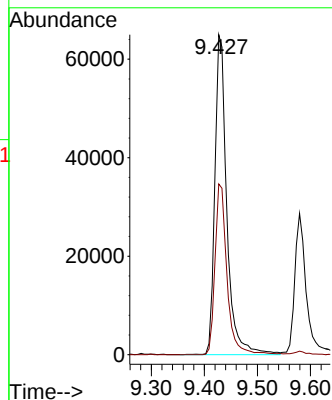
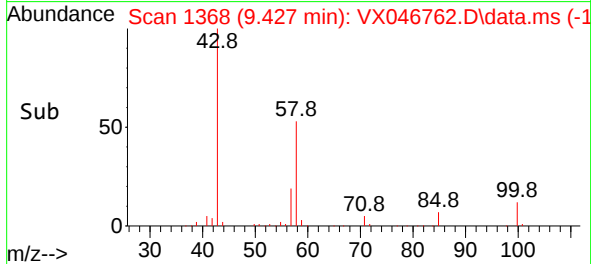
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 43 Resp: 101980
Ion Ratio Lower Upper
43 100
58 53.7 26.8 80.4

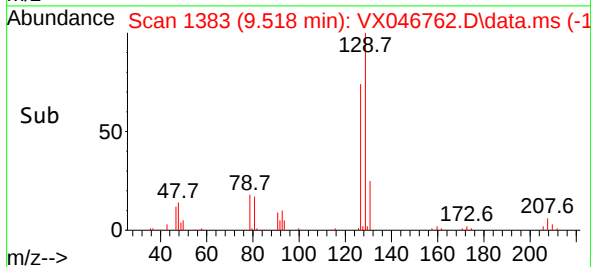
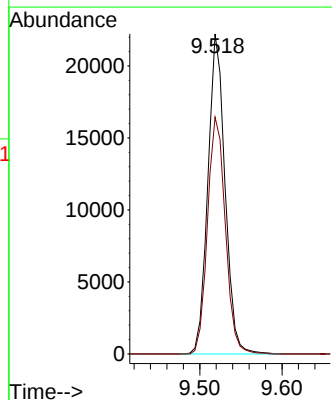
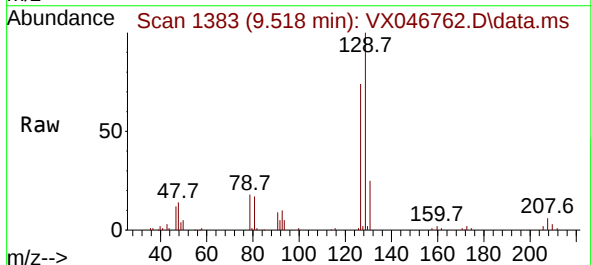
Manual Integrations
APPROVED

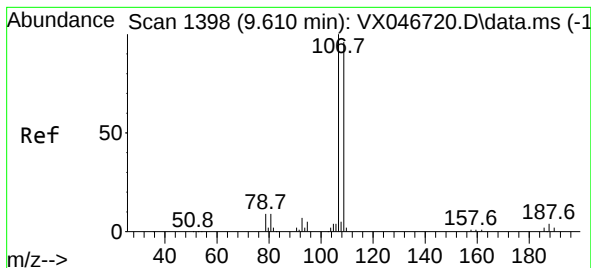
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 18.395 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

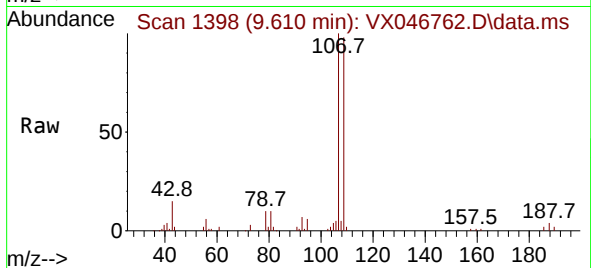
Tgt Ion:129 Resp: 32154
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61
1,2-Dibromoethane
Concen: 18.042 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

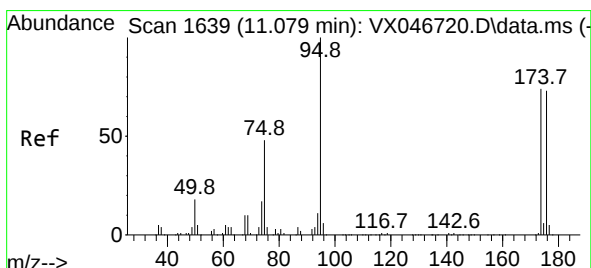
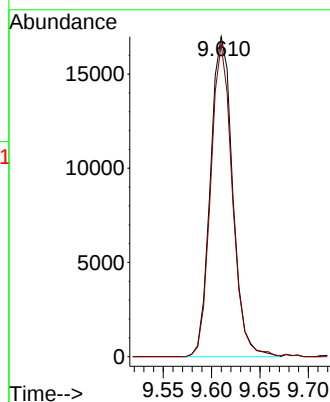
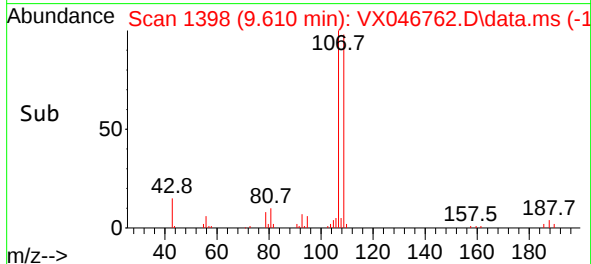
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



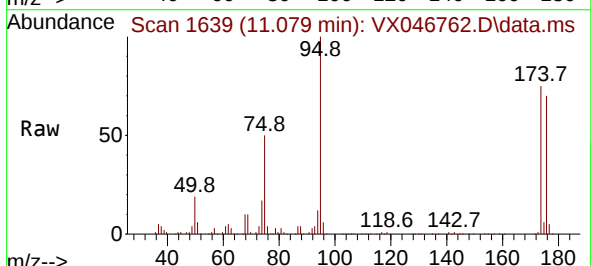
Tgt Ion:107 Resp: 2722
Ion Ratio Lower Upper
107 100
109 94.6 75.8 113.6

Manual Integrations
APPROVED

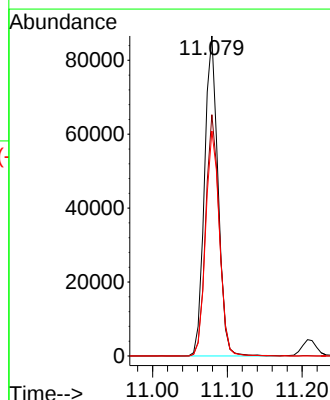
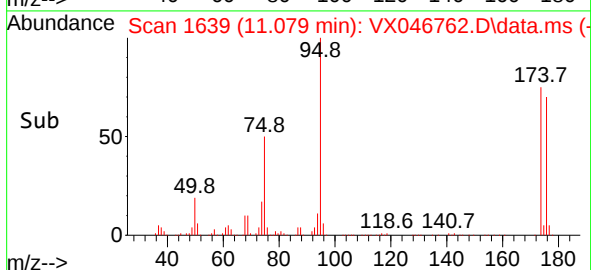
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

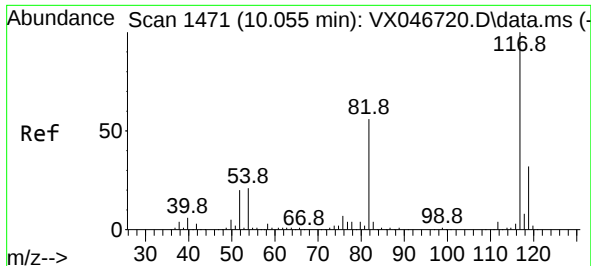


#62
4-Bromofluorobenzene
Concen: 54.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



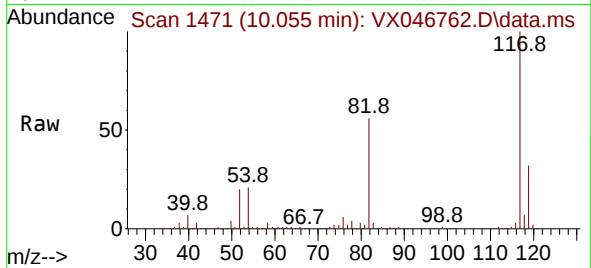
Tgt Ion: 95 Resp: 108869
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.4
176 71.8 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

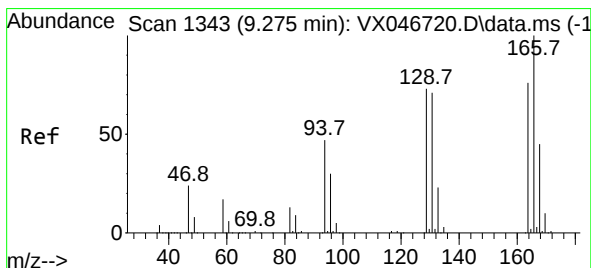
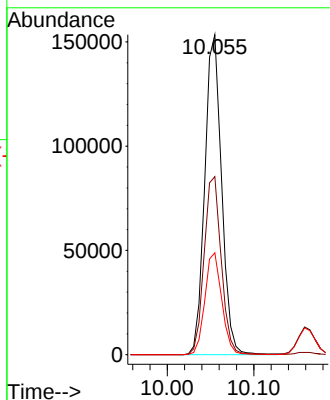
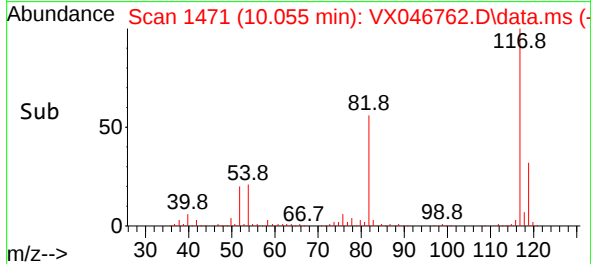
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion:117 Resp: 20746
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.9 25.8 38.8

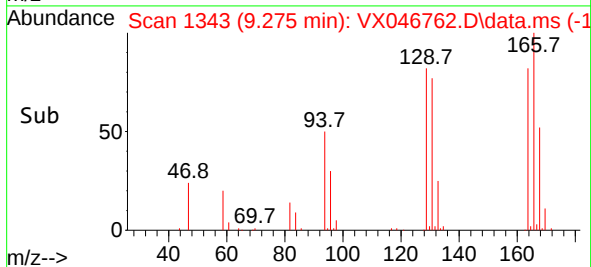
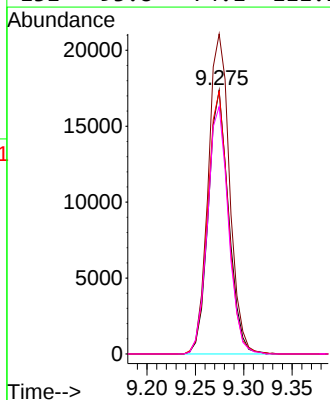
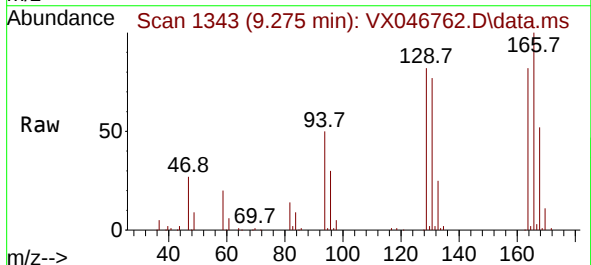
Manual Integrations
APPROVED

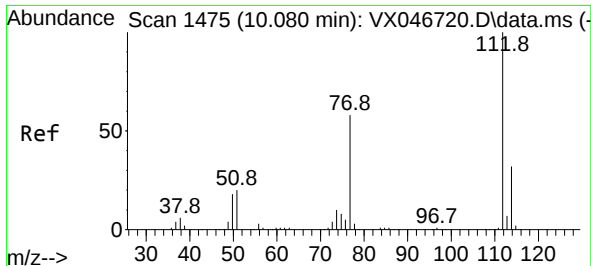
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 17.655 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:164 Resp: 25376
Ion Ratio Lower Upper
164 100
166 121.4 104.6 157.0
129 99.6 76.3 114.5
131 93.8 74.1 111.1





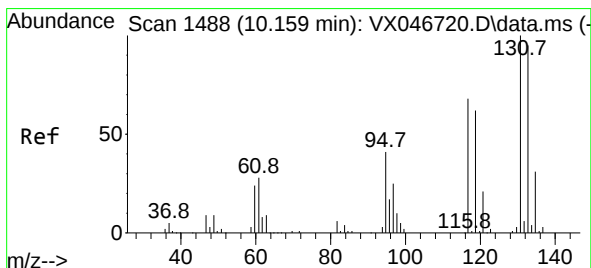
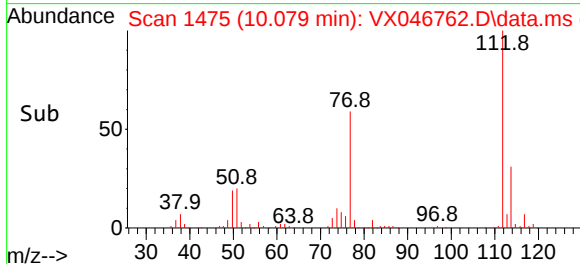
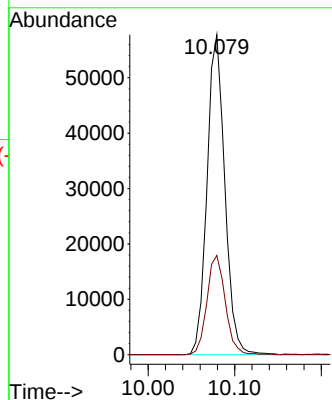
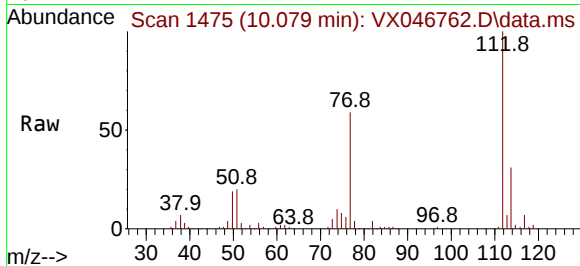
#65
Chlorobenzene
Concen: 17.991 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:112 Resp: 82392
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3

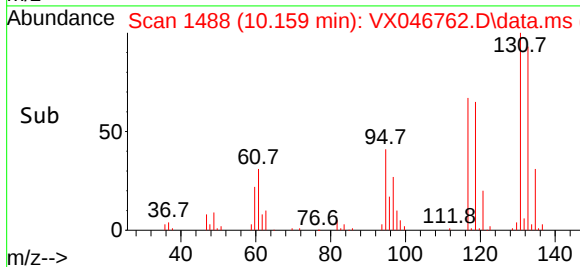
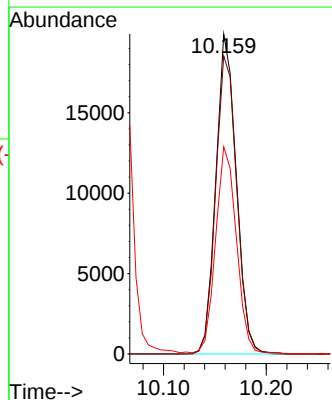
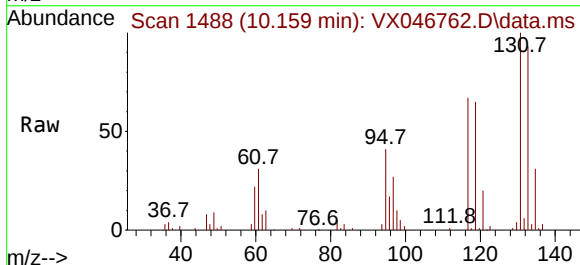
Manual Integrations
APPROVED

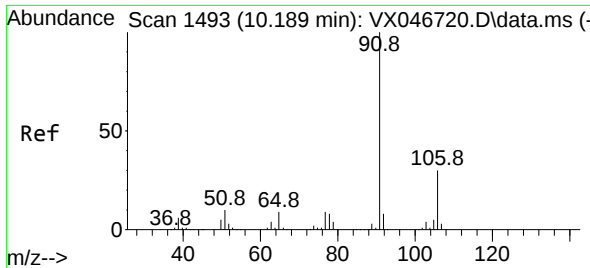
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.843 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

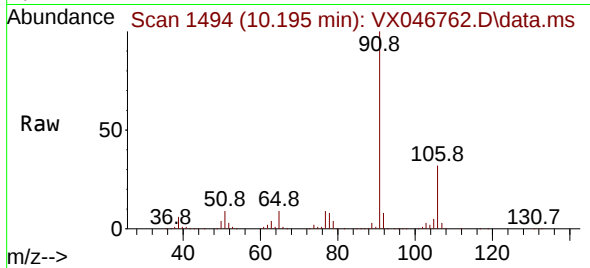
Tgt Ion:131 Resp: 27463
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 66.0 32.1 96.3





#67
Ethyl Benzene
Concen: 18.002 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

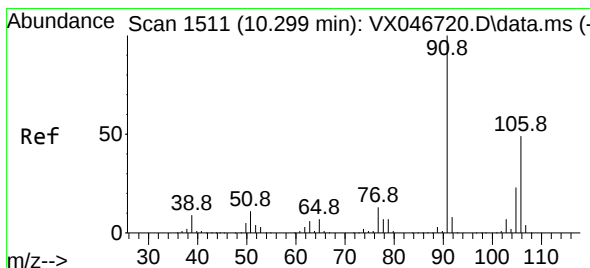
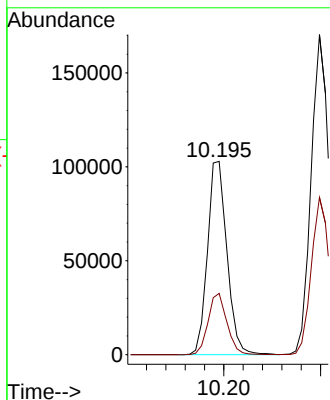
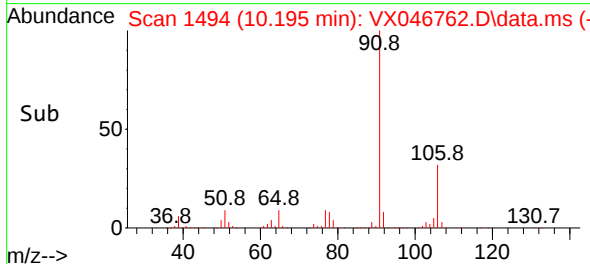
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 91 Resp: 14404
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2

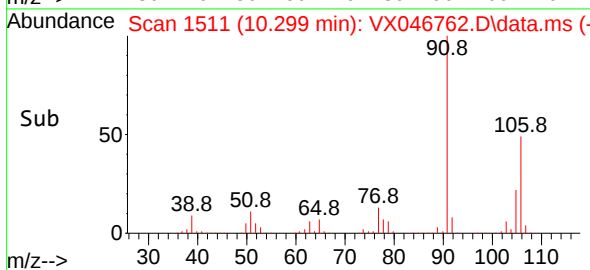
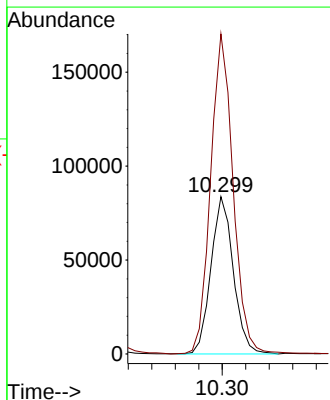
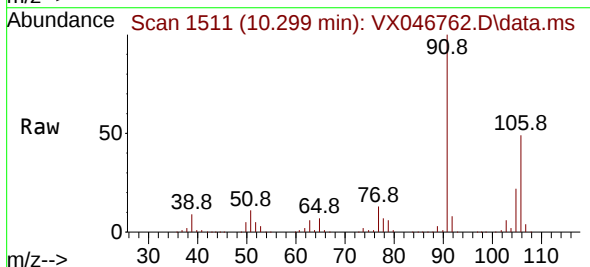
Manual Integrations
APPROVED

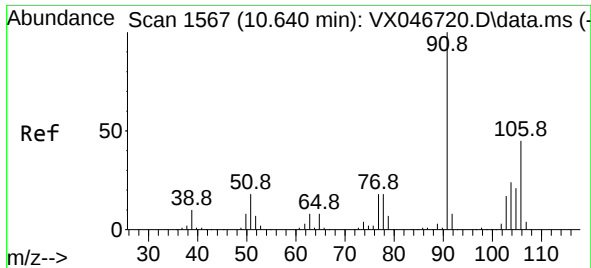
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#68
m/p-Xylenes
Concen: 37.244 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:106 Resp: 111044
Ion Ratio Lower Upper
106 100
91 205.3 164.8 247.2





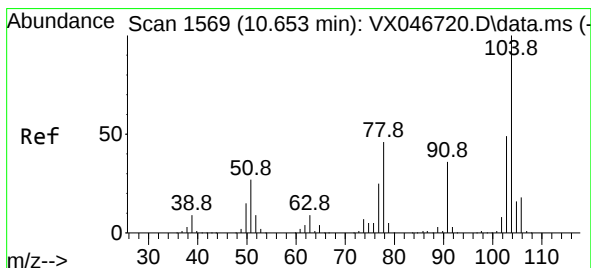
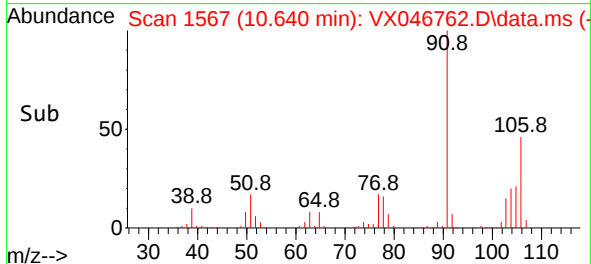
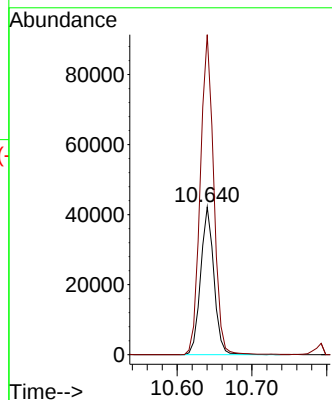
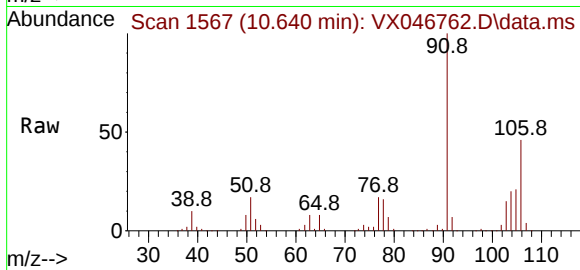
#69
o-Xylene
Concen: 18.572 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion:106 Resp: 51894
Ion Ratio Lower Upper
106 100
91 219.2 111.3 333.9

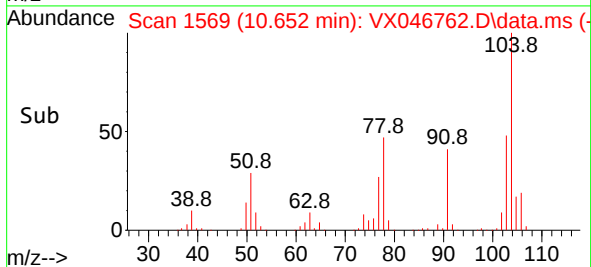
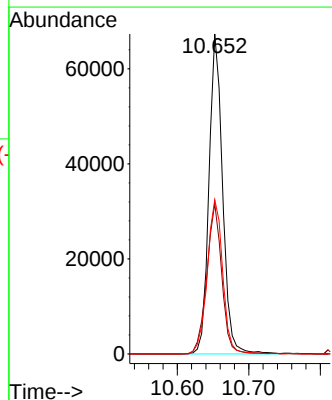
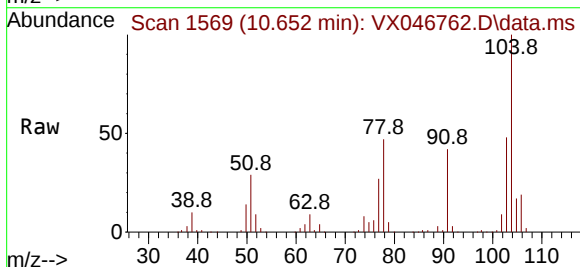
Manual Integrations
APPROVED

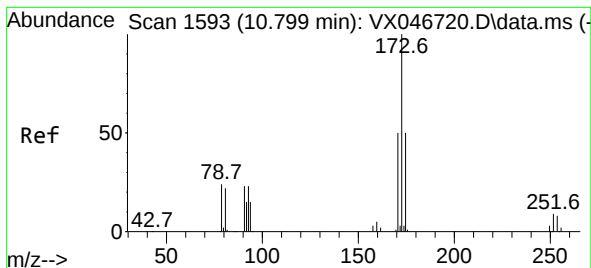
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 18.260 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion:104 Resp: 89289
Ion Ratio Lower Upper
104 100
78 52.0 41.4 62.2
103 54.7 43.1 64.7





#71

Bromoform

Concen: 16.701 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

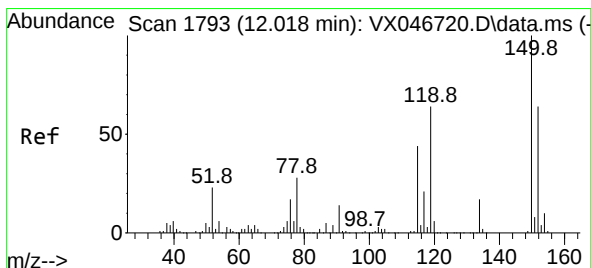
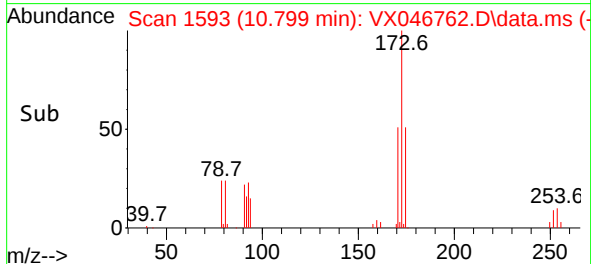
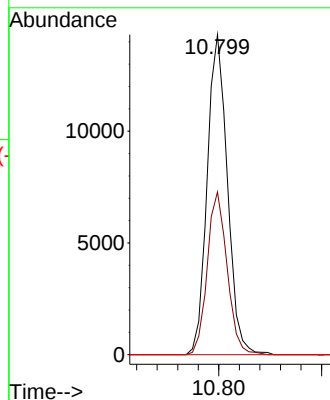
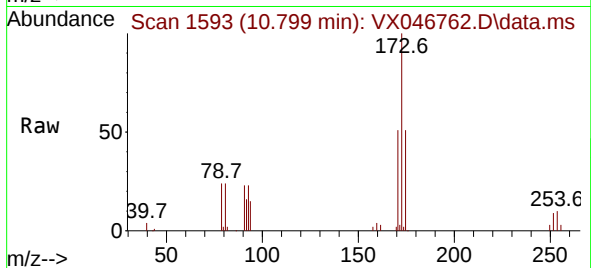
Tgt Ion:173 Resp: 19570
 Ion Ratio Lower Upper
 173 100
 175 50.0 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

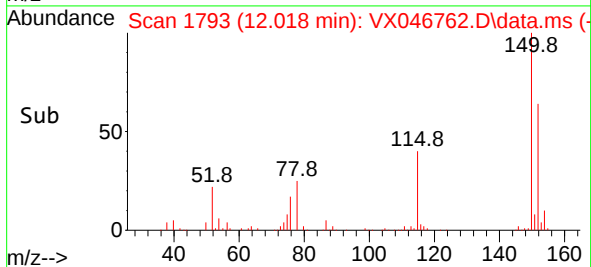
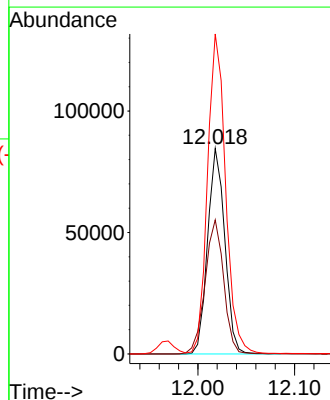
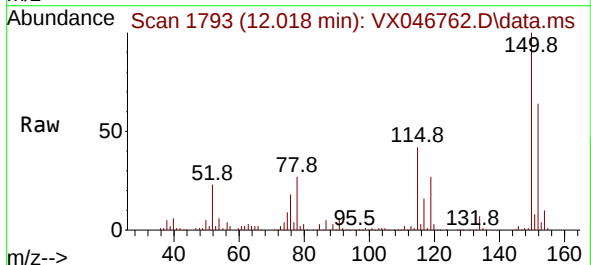
RT: 12.018 min Scan# 1793

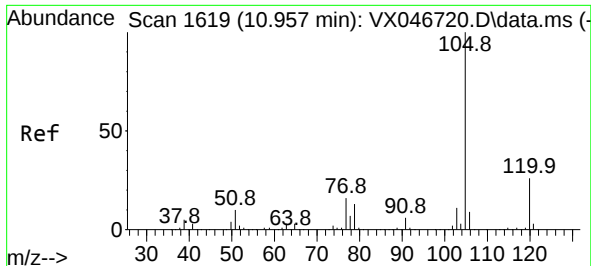
Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

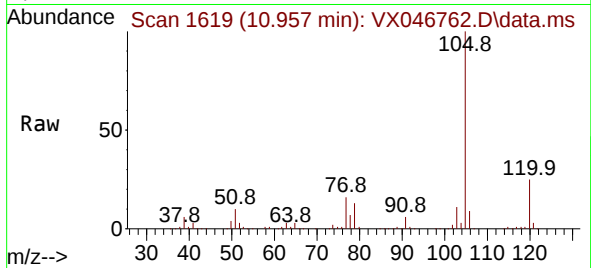
Tgt Ion:152 Resp: 104652
 Ion Ratio Lower Upper
 152 100
 115 70.8 43.2 129.6
 150 164.1 0.0 346.8





#73
Isopropylbenzene
Concen: 18.100 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

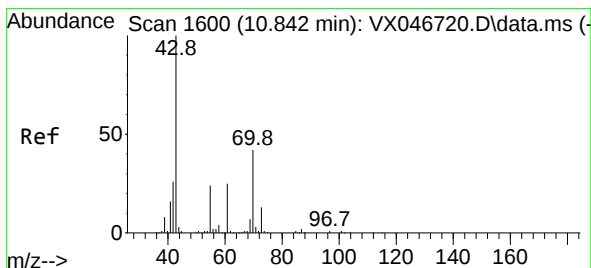
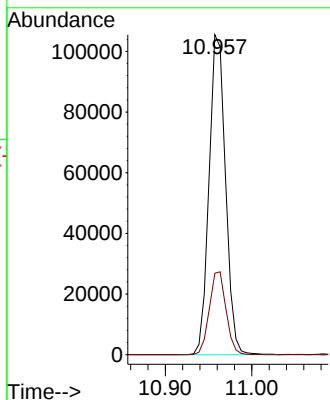
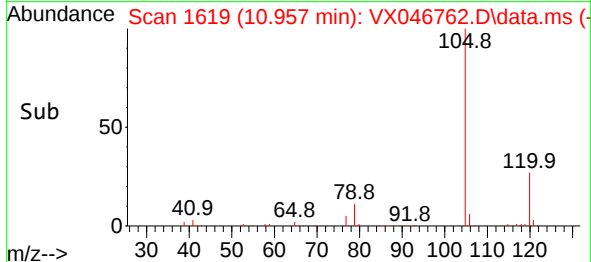
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



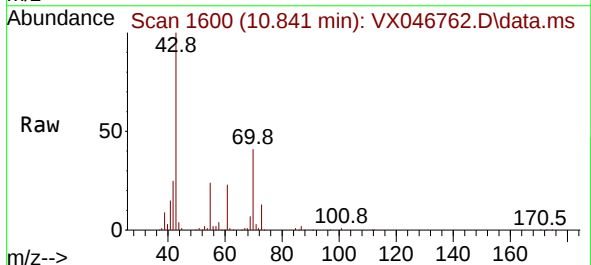
Tgt Ion:105 Resp: 139510
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
APPROVED

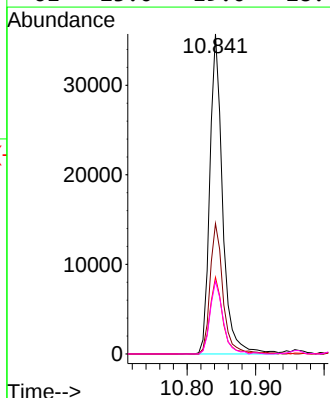
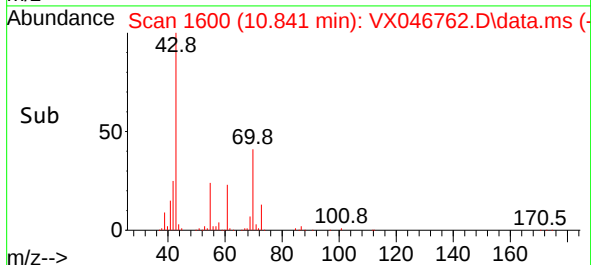
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

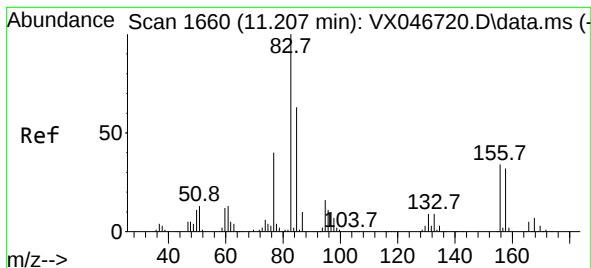


#74
N-ethyl acetate
Concen: 15.893 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



Tgt Ion: 43 Resp: 46412
Ion Ratio Lower Upper
43 100
70 41.3 33.4 50.0
55 24.2 19.1 28.7
61 23.0 19.0 28.4





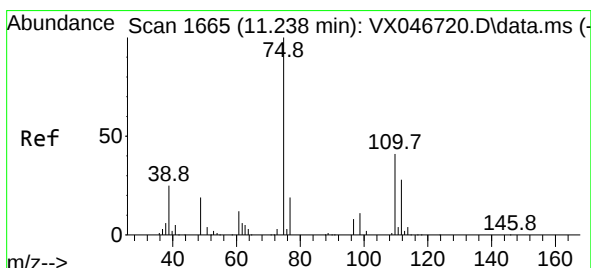
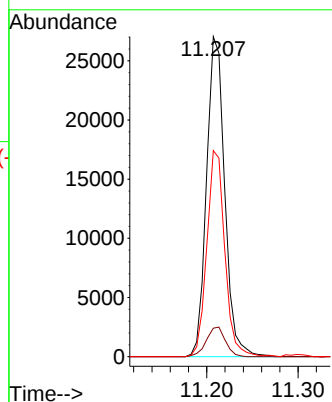
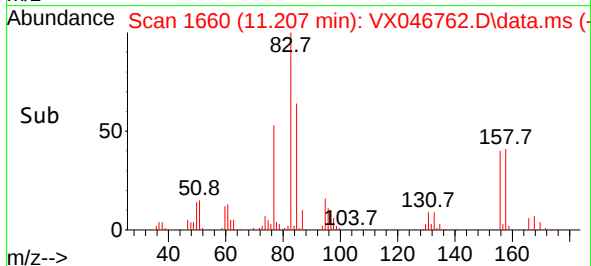
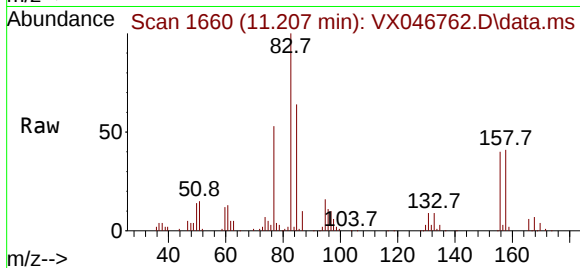
#75
1,1,2,2-Tetrachloroethane
Concen: 17.337 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 83 Resp: 37312
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 63.7 32.0 96.0

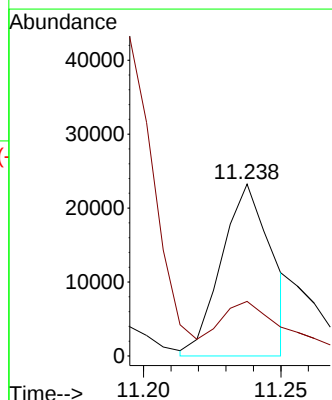
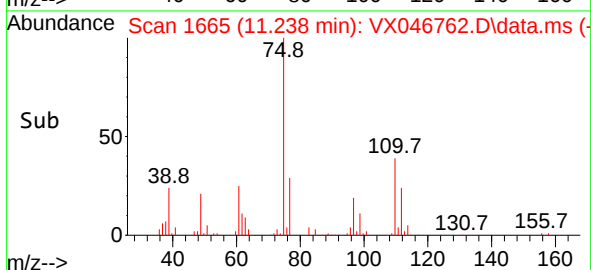
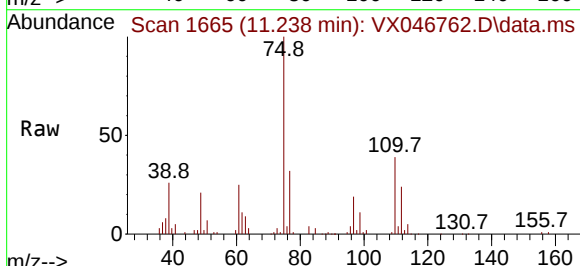
Manual Integrations
APPROVED

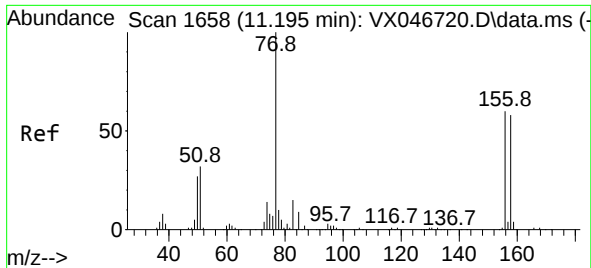
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 15.335 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

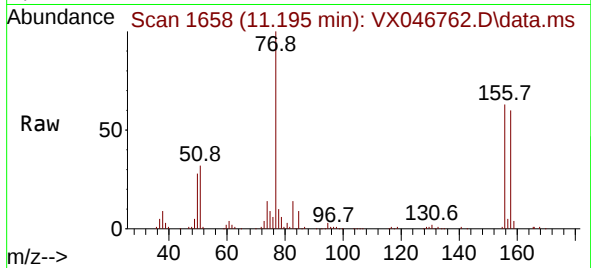
Tgt Ion: 75 Resp: 29393
Ion Ratio Lower Upper
75 100
77 43.8 18.5 55.5





#77
Bromobenzene
Concen: 18.275 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

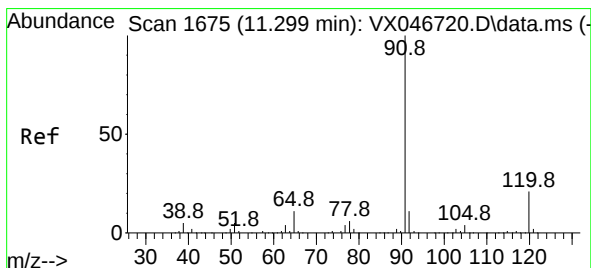
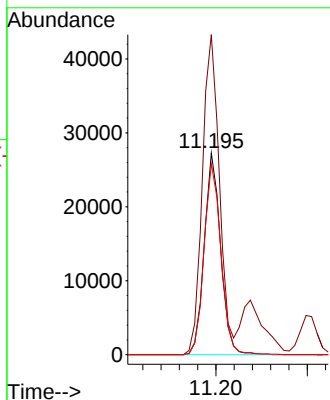
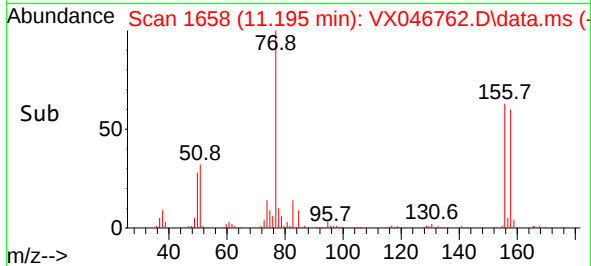
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



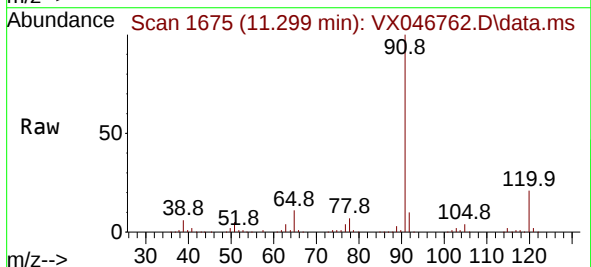
Tgt Ion:156 Resp: 33890
Ion Ratio Lower Upper
156 100
77 164.7 82.8 248.6
158 97.8 47.6 142.9

Manual Integrations
APPROVED

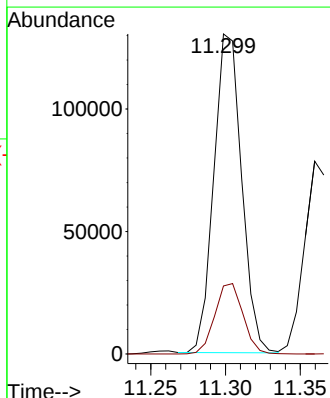
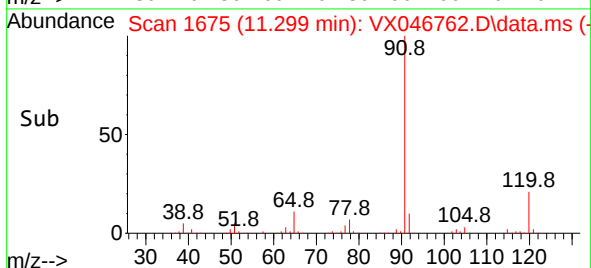
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

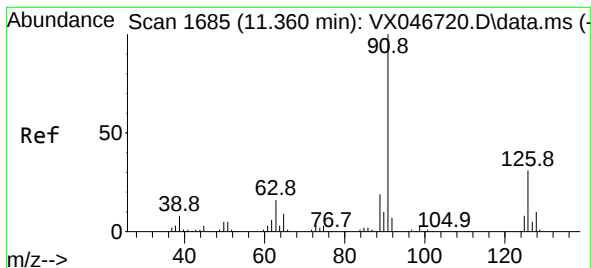


#78
n-propylbenzene
Concen: 18.415 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



Tgt Ion: 91 Resp: 168589
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1





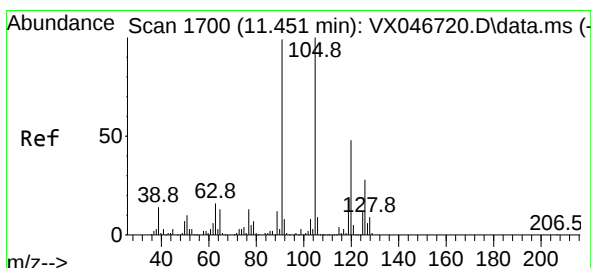
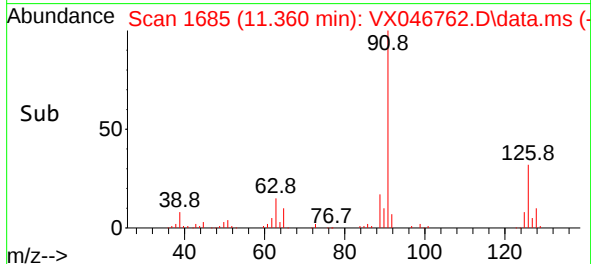
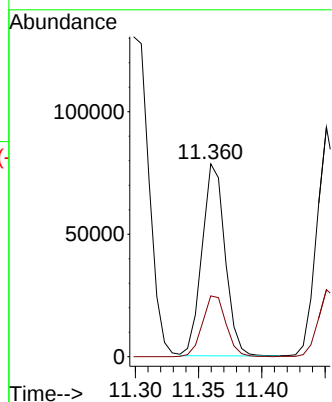
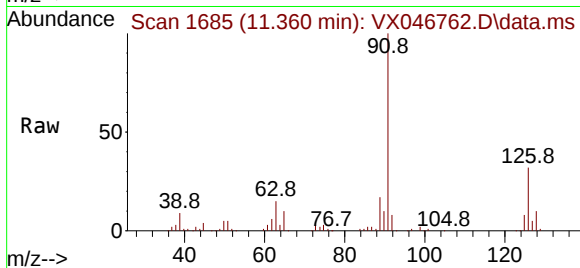
#79
2-Chlorotoluene
Concen: 18.238 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tgt Ion: 91 Resp: 9968
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7

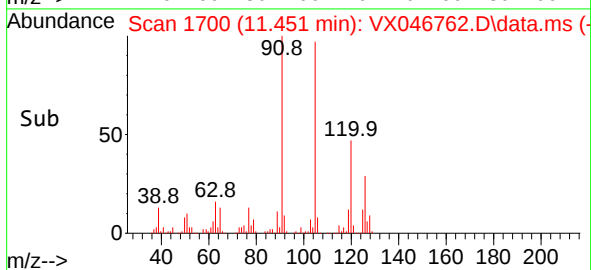
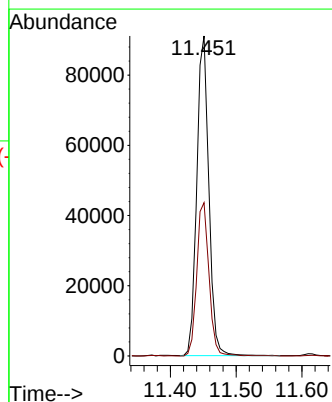
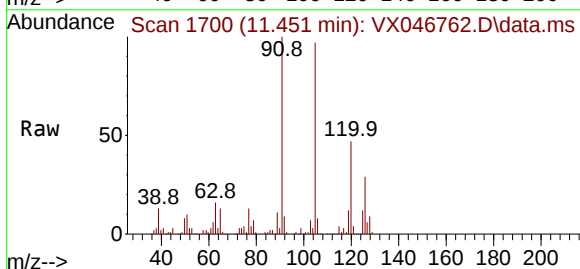
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.221 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

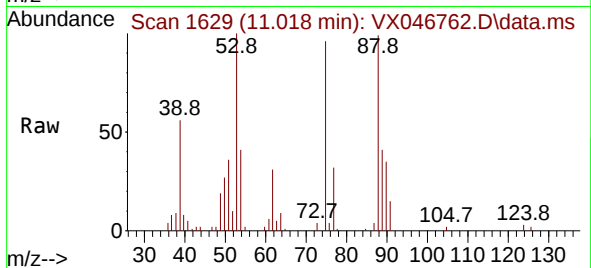
Tgt Ion:105 Resp: 115409
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 14.897 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

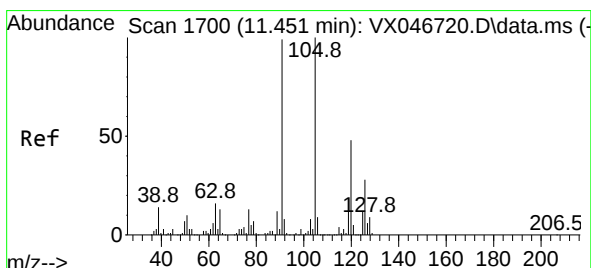
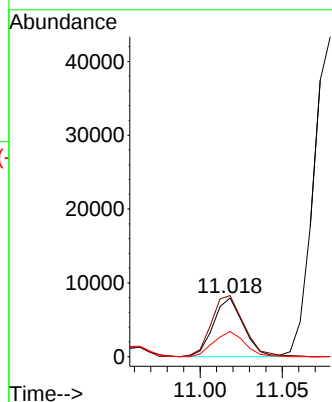
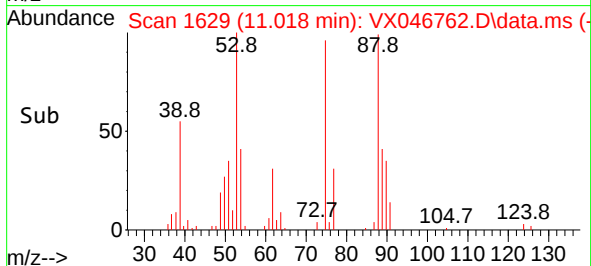
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
53 112.7 86.8 130.2
89 43.9 36.9 55.3

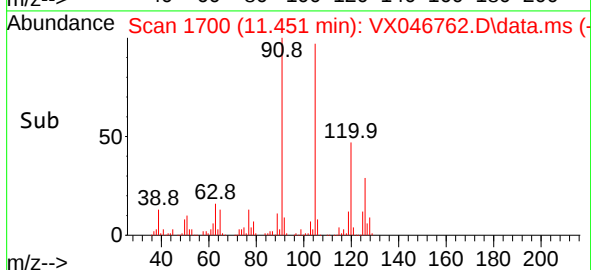
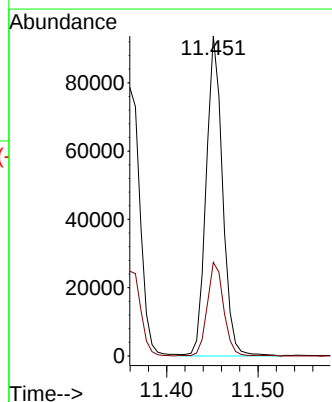
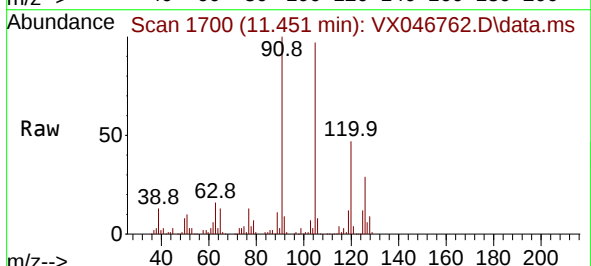
Manual Integrations
APPROVED

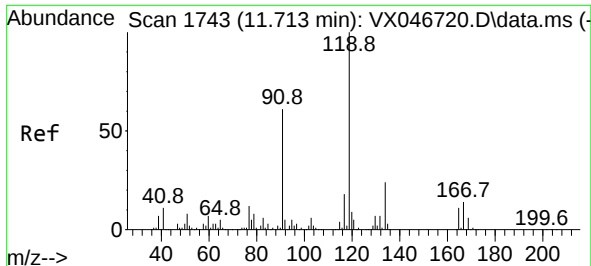
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 18.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

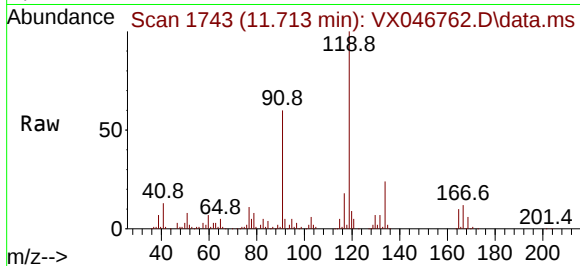
Tgt Ion: 91 Resp: 116713
Ion Ratio Lower Upper
91 100
126 29.3 14.4 43.2





#83
tert-Butylbenzene
Concen: 18.027 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

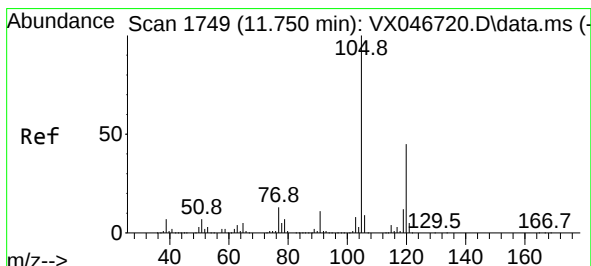
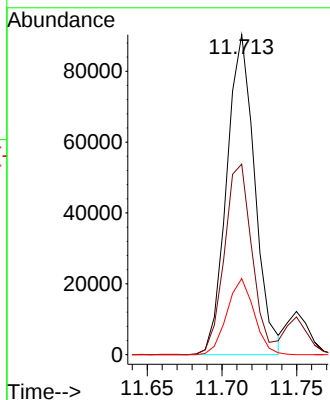
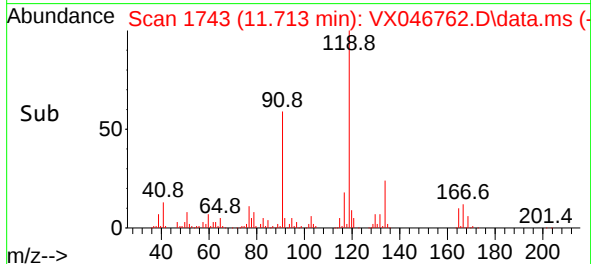
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



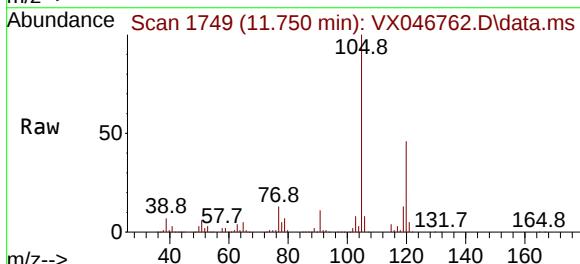
Tgt Ion:119 Resp: 11802
Ion Ratio Lower Upper
119 100
91 58.4 29.5 88.6
134 23.0 11.7 35.0

Manual Integrations
APPROVED

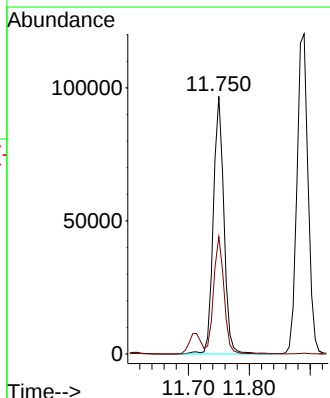
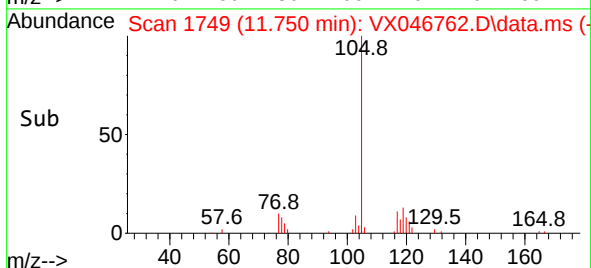
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

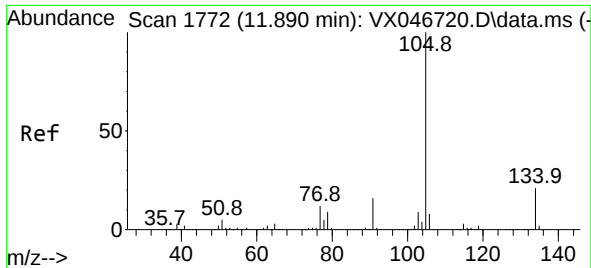


#84
1,2,4-Trimethylbenzene
Concen: 18.357 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



Tgt Ion:105 Resp: 116817
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3





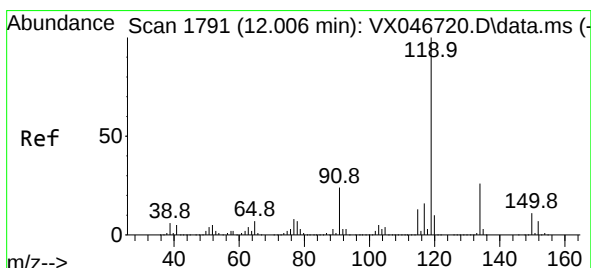
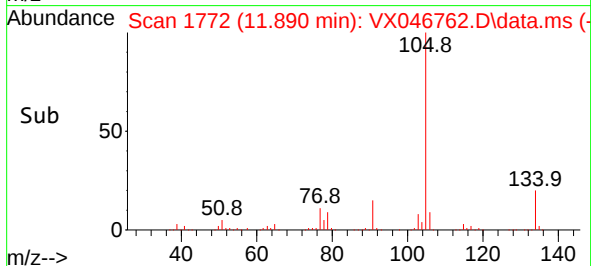
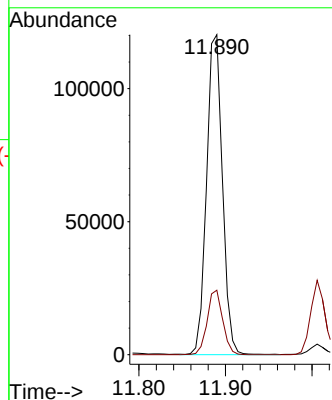
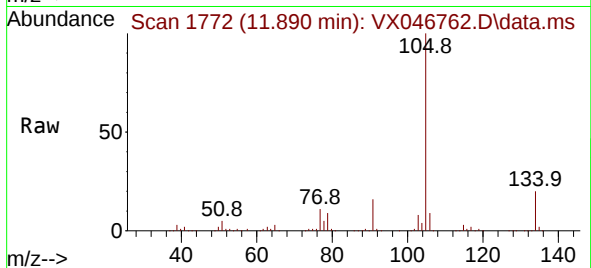
#85
 sec-Butylbenzene
 Concen: 18.496 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046762.D
 Acq: 19 Jun 2025 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tgt Ion:105 Resp: 15304
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

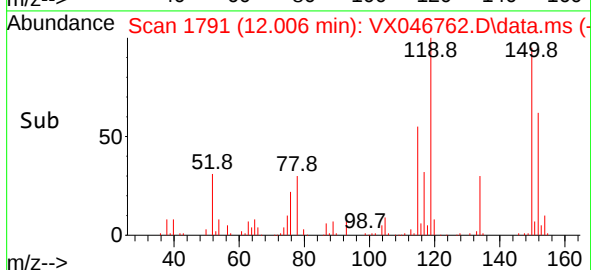
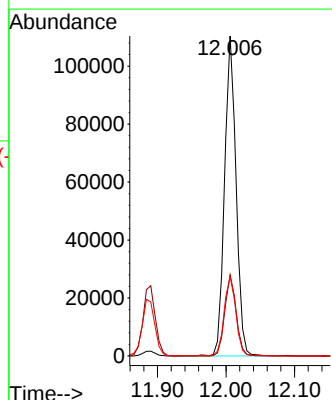
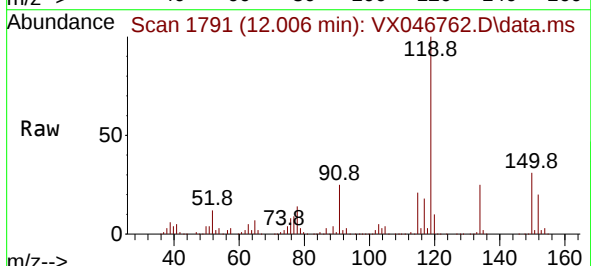
Manual Integrations
 APPROVED

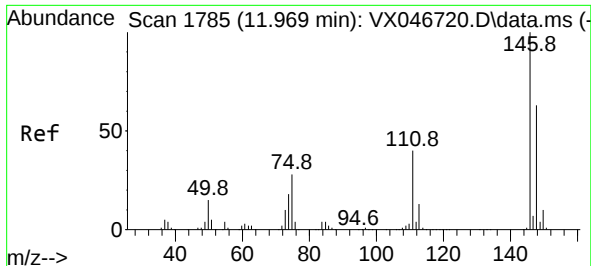
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 18.312 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046762.D
 Acq: 19 Jun 2025 11:24

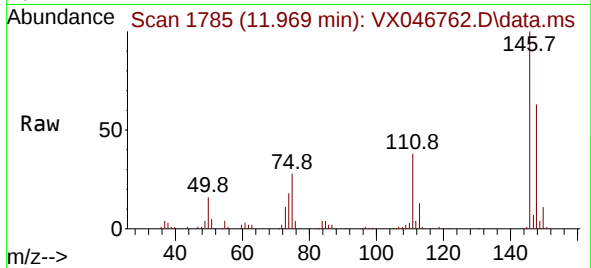
Tgt Ion:119 Resp: 127841
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 25.2 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 17.788 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

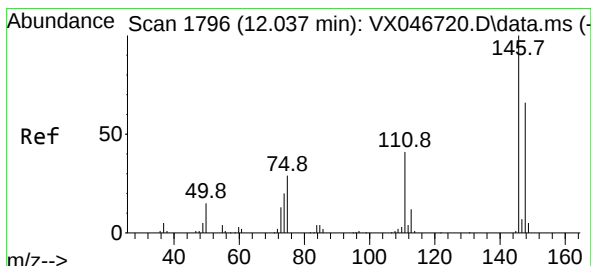
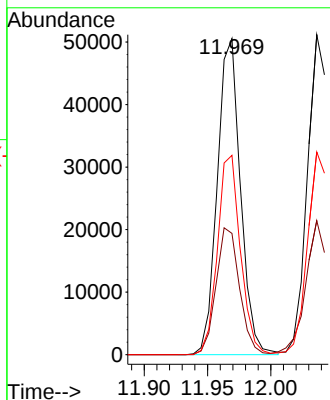
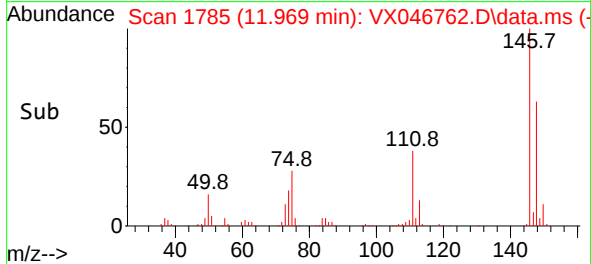
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



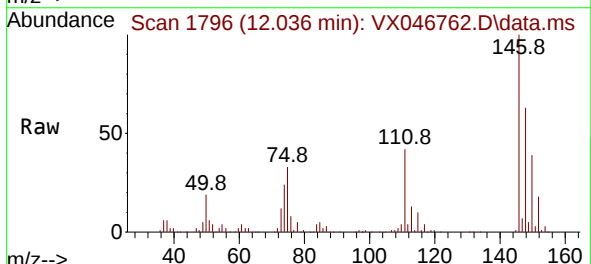
Tgt Ion:146 Resp: 64330
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 62.5 31.6 94.8

Manual Integrations
APPROVED

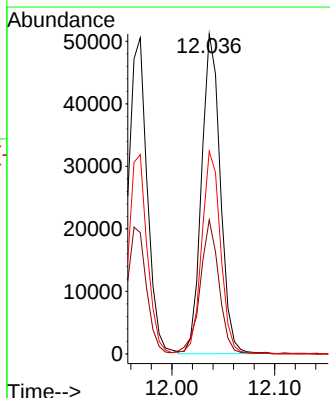
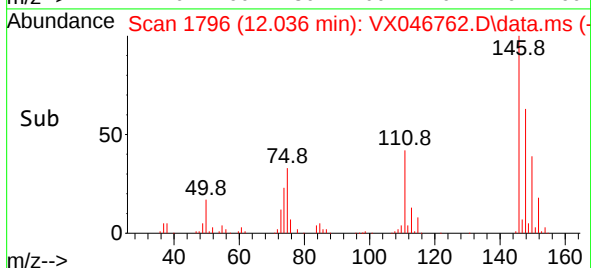
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

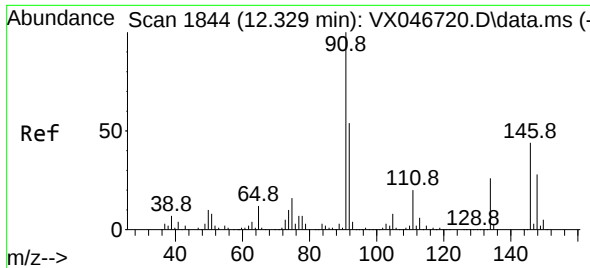


#88
1,4-Dichlorobenzene
Concen: 17.460 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24



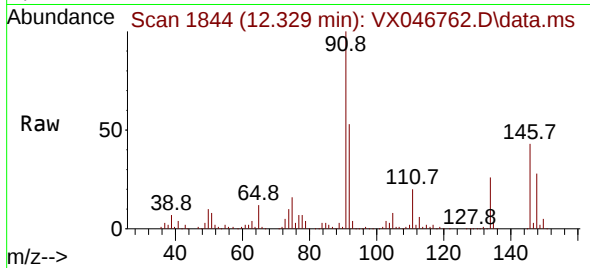
Tgt Ion:146 Resp: 64856
Ion Ratio Lower Upper
146 100
111 42.3 20.3 61.0
148 64.0 32.1 96.5





#89
n-Butylbenzene
Concen: 17.915 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

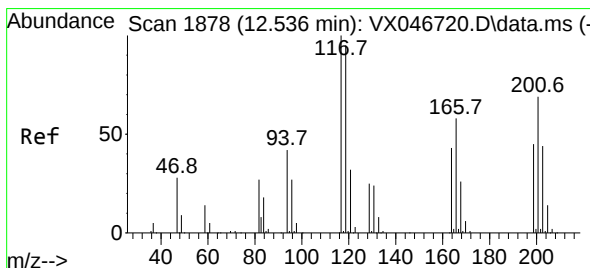
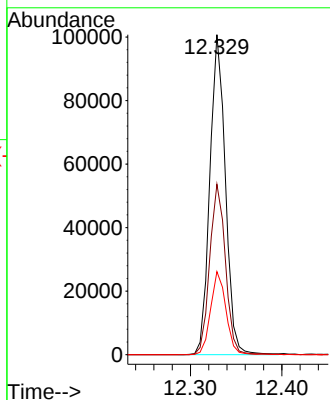
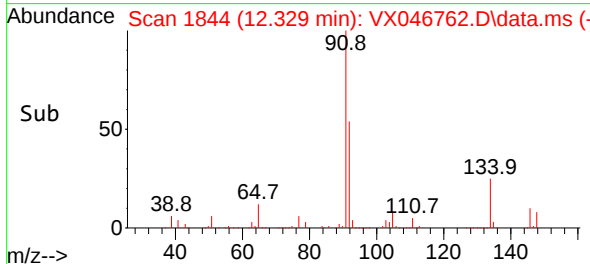
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion: 91 Resp: 118750
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.3
134 25.7 12.9 38.6

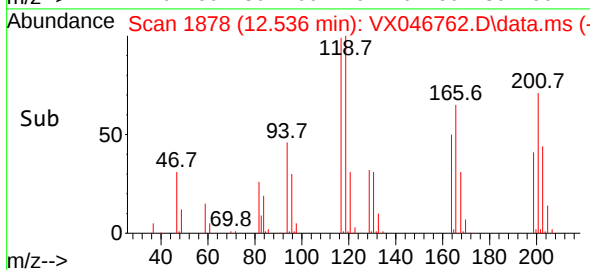
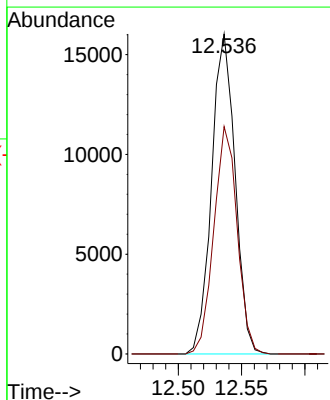
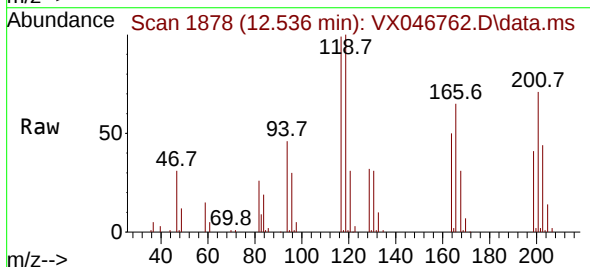
Manual Integrations
APPROVED

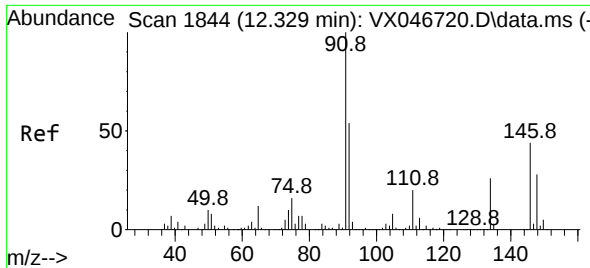
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 16.893 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

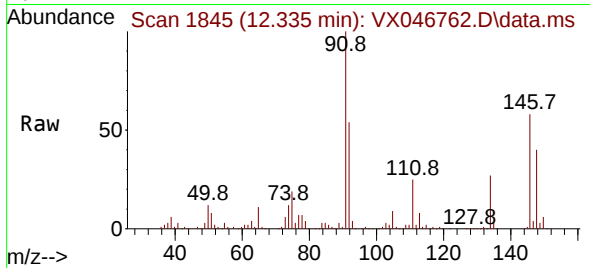
Tgt Ion:117 Resp: 20652
Ion Ratio Lower Upper
117 100
201 70.7 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 18.096 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

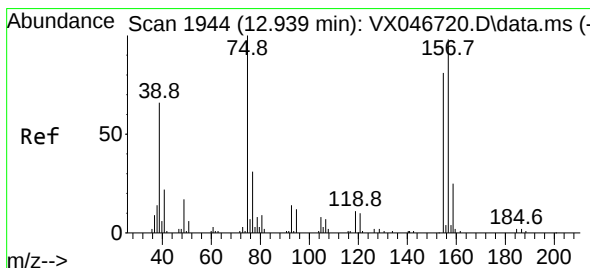
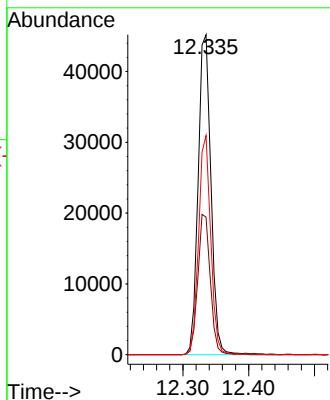
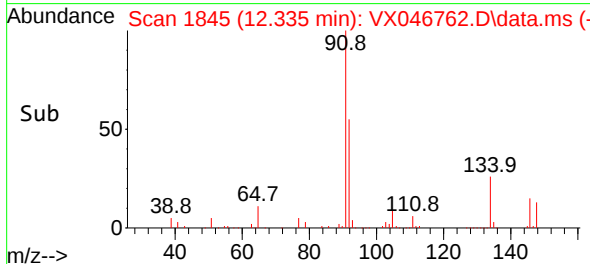
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01



Tgt Ion:146 Resp: 6115
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 64.4 32.0 96.2

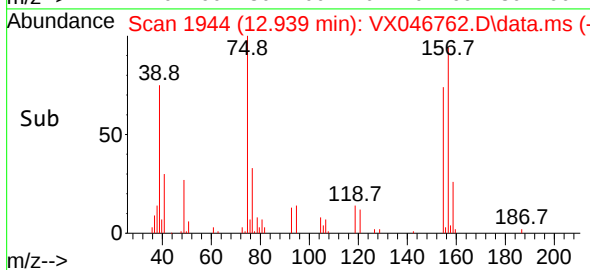
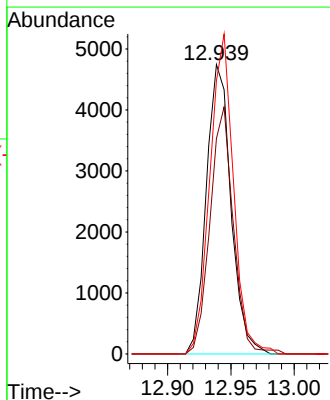
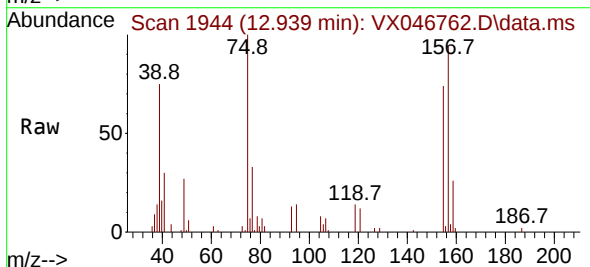
Manual Integrations
APPROVED

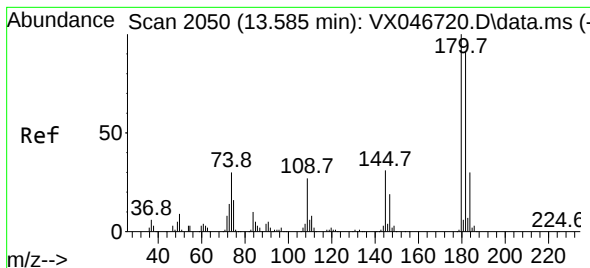
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.122 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046762.D
Acq: 19 Jun 2025 11:24

Tgt Ion: 75 Resp: 6425
Ion Ratio Lower Upper
75 100
155 80.9 41.9 125.7
157 105.8 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 17.110 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tgt Ion:180 Resp: 41109

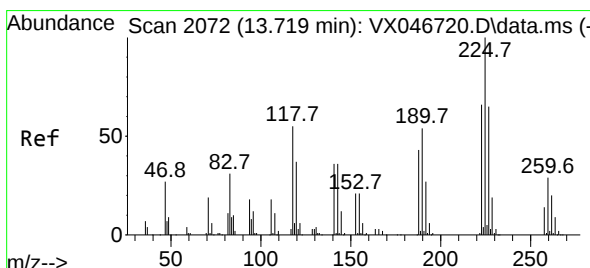
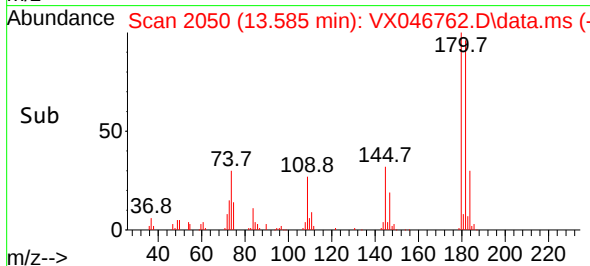
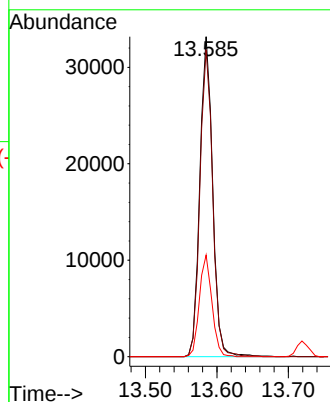
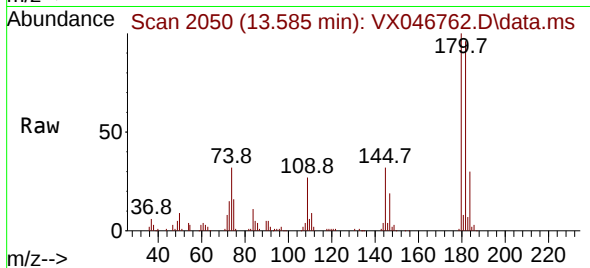
Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.1
145	31.1	15.8	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#94

Hexachlorobutadiene

Concen: 17.644 ug/l

RT: 13.719 min Scan# 2072

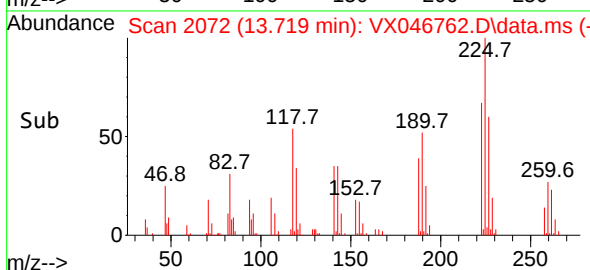
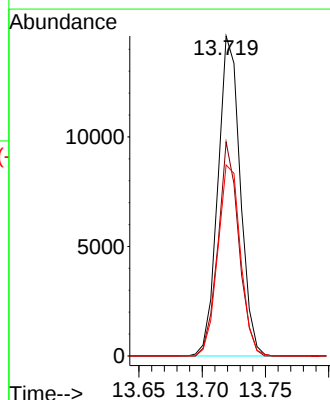
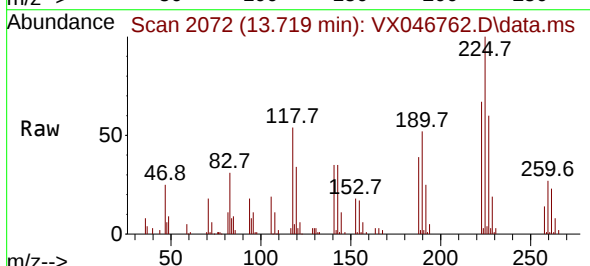
Delta R.T. -0.000 min

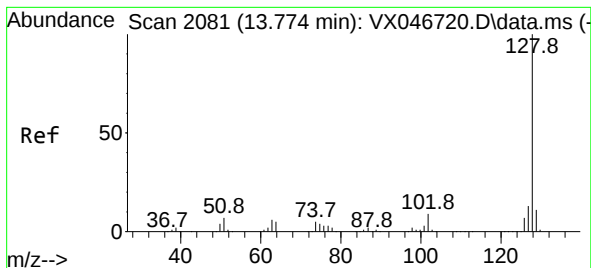
Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Tgt Ion:225 Resp: 17833

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.5
227	61.1	32.2	96.6





#95

Naphthalene

Concen: 16.144 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

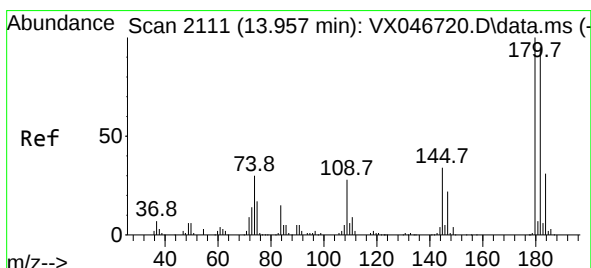
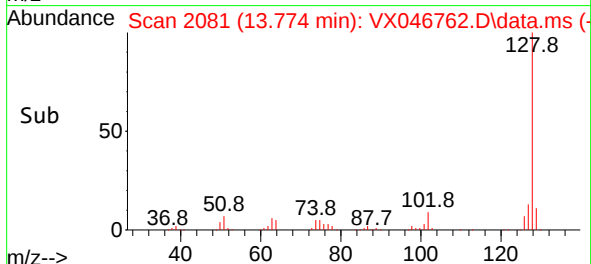
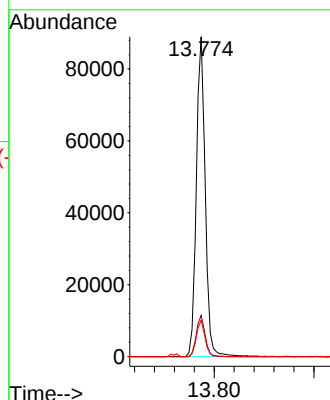
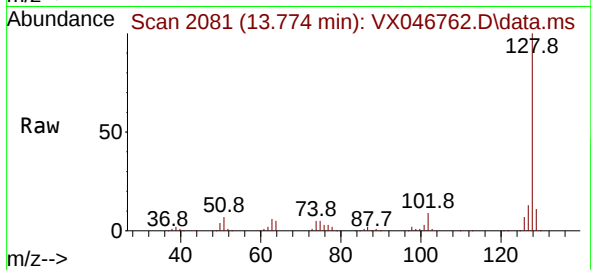
Tgt Ion:128 Resp: 11050
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.1 15.1
 129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.639 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046762.D

Acq: 19 Jun 2025 11:24

Tgt Ion:180 Resp: 40546
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 34.2 17.3 51.9

