

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046518.D
 Acq On : 06 Jun 2025 09:42
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:40:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	104428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181356	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	164496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10415	5.606	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.220%#		
35) Dibromofluoromethane	5.391	113	7110	5.331	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.660%#		
50) Toluene-d8	8.653	98	24704	5.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.240%#		
62) 4-Bromofluorobenzene	11.079	95	10224	5.620	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	11.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	7726	5.329	ug/l	99
3) Chloromethane	1.307	50	7698	5.833	ug/l	99
4) Vinyl Chloride	1.386	62	7283	5.536	ug/l	92
5) Bromomethane	1.618	94	6181	7.740	ug/l	89
6) Chloroethane	1.697	64	4764	5.582	ug/l	98
7) Trichlorofluoromethane	1.904	101	11861	5.450	ug/l	97
8) Diethyl Ether	2.148	74	3843	4.997	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	7299	5.323	ug/l	98
10) Methyl Iodide	2.465	142	6815	4.585	ug/l	96
11) Tert butyl alcohol	2.971	59	4565	22.143	ug/l	97
12) 1,1-Dichloroethene	2.331	96	6923	5.584	ug/l	92
13) Acrolein	2.246	56	2067	37.301	ug/l	95
14) Allyl chloride	2.678	41	12513	5.139	ug/l	99
15) Acrylonitrile	3.075	53	19139	24.554	ug/l	100
16) Acetone	2.392	43	18117	28.970	ug/l	92
17) Carbon Disulfide	2.526	76	16895	6.594	ug/l	99
18) Methyl Acetate	2.715	43	9089	4.107	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	21281	4.905	ug/l	100
20) Methylene Chloride	2.800	84	7851	5.267	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	6901	5.260	ug/l	87
22) Diisopropyl ether	3.770	45	24417	5.086	ug/l #	55
23) Vinyl Acetate	3.739	43	90187	24.333	ug/l	97
24) 1,1-Dichloroethane	3.617	63	14092	5.267	ug/l	98
25) 2-Butanone	4.581	43	23977	23.183	ug/l	98
26) 2,2-Dichloropropane	4.483	77	9718	4.893	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	8212	5.084	ug/l	97
28) Bromochloromethane	4.910	49	6807	5.334	ug/l #	99
29) Tetrahydrofuran	5.026	42	15713	24.057	ug/l	93
30) Chloroform	5.099	83	14532	5.184	ug/l	94
31) Cyclohexane	5.483	56	12241	5.667	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	12216	5.094	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10048	5.274	ug/l	96
37) Ethyl Acetate	4.733	43	8766	4.716	ug/l #	89
38) Carbon Tetrachloride	5.690	117	10857	5.088	ug/l	98
39) Methylcyclohexane	7.385	83	12614	5.610	ug/l	97
40) Benzene	6.044	78	28961	5.400	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046518.D
 Acq On : 06 Jun 2025 09:42
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 06 16:40:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	5621	4.868	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	11718	5.252	ug/l	100
43) Isopropyl Acetate	6.349	43	15275	4.712	ug/l #	97
44) Trichloroethene	7.129	130	6978	5.121	ug/l	99
45) 1,2-Dichloropropane	7.434	63	7132	5.152	ug/l	97
46) Dibromomethane	7.586	93	5588	5.366	ug/l	97
47) Bromodichloromethane	7.824	83	10524	4.915	ug/l	97
48) Methyl methacrylate	7.708	41	7663	4.595	ug/l	97
49) 1,4-Dioxane	7.665	88	2221	99.585	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	49709	24.133	ug/l	99
52) Toluene	8.720	92	17773	5.394	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	8503	4.429	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	10282	4.817	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	6794	5.136	ug/l	97
56) Ethyl methacrylate	9.122	69	9723	4.777	ug/l	97
57) 1,3-Dichloropropane	9.311	76	12033	5.148	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	27324	24.645	ug/l	97
59) 2-Hexanone	9.433	43	34128	23.102	ug/l	98
60) Dibromochloromethane	9.519	129	7808	5.018	ug/l	96
61) 1,2-Dibromoethane	9.610	107	6661	4.833	ug/l	94
64) Tetrachloroethene	9.275	164	5704	5.186	ug/l	90
65) Chlorobenzene	10.080	112	19529	5.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	6488	4.963	ug/l	98
67) Ethyl Benzene	10.195	91	34429	5.098	ug/l	98
68) m/p-Xylenes	10.299	106	24857	10.146	ug/l	99
69) o-Xylene	10.640	106	11976	5.054	ug/l	99
70) Styrene	10.659	104	19826	4.888	ug/l	98
71) Bromoform	10.799	173	4418	4.432	ug/l #	96
73) Isopropylbenzene	10.964	105	32087	5.007	ug/l	99
74) N-amyl acetate	10.848	43	13145	4.658	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	10551	5.144	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	8330m	4.746	ug/l	
77) Bromobenzene	11.195	156	7367	4.953	ug/l	98
78) n-propylbenzene	11.305	91	37974	4.896	ug/l	99
79) 2-Chlorotoluene	11.366	91	23514	5.028	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	27140	5.083	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2236	3.736	ug/l #	77
82) 4-Chlorotoluene	11.457	91	27633	4.985	ug/l	97
83) tert-Butylbenzene	11.713	119	27238	5.011	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	26973	4.993	ug/l	97
85) sec-Butylbenzene	11.890	105	35458	5.077	ug/l	97
86) p-Isopropyltoluene	12.006	119	28606	4.913	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	14222	4.924	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	14704	4.913	ug/l	87
89) n-Butylbenzene	12.329	91	27055	4.731	ug/l	99
90) Hexachloroethane	12.536	117	4884	4.719	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	14100	5.058	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2035	4.431	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	8458	4.447	ug/l	99
94) Hexachlorobutadiene	13.725	225	4285	4.848	ug/l	97
95) Naphthalene	13.774	128	25583	4.242	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8491	4.453	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046518.D
Acq On : 06 Jun 2025 09:42
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:40:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration

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

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

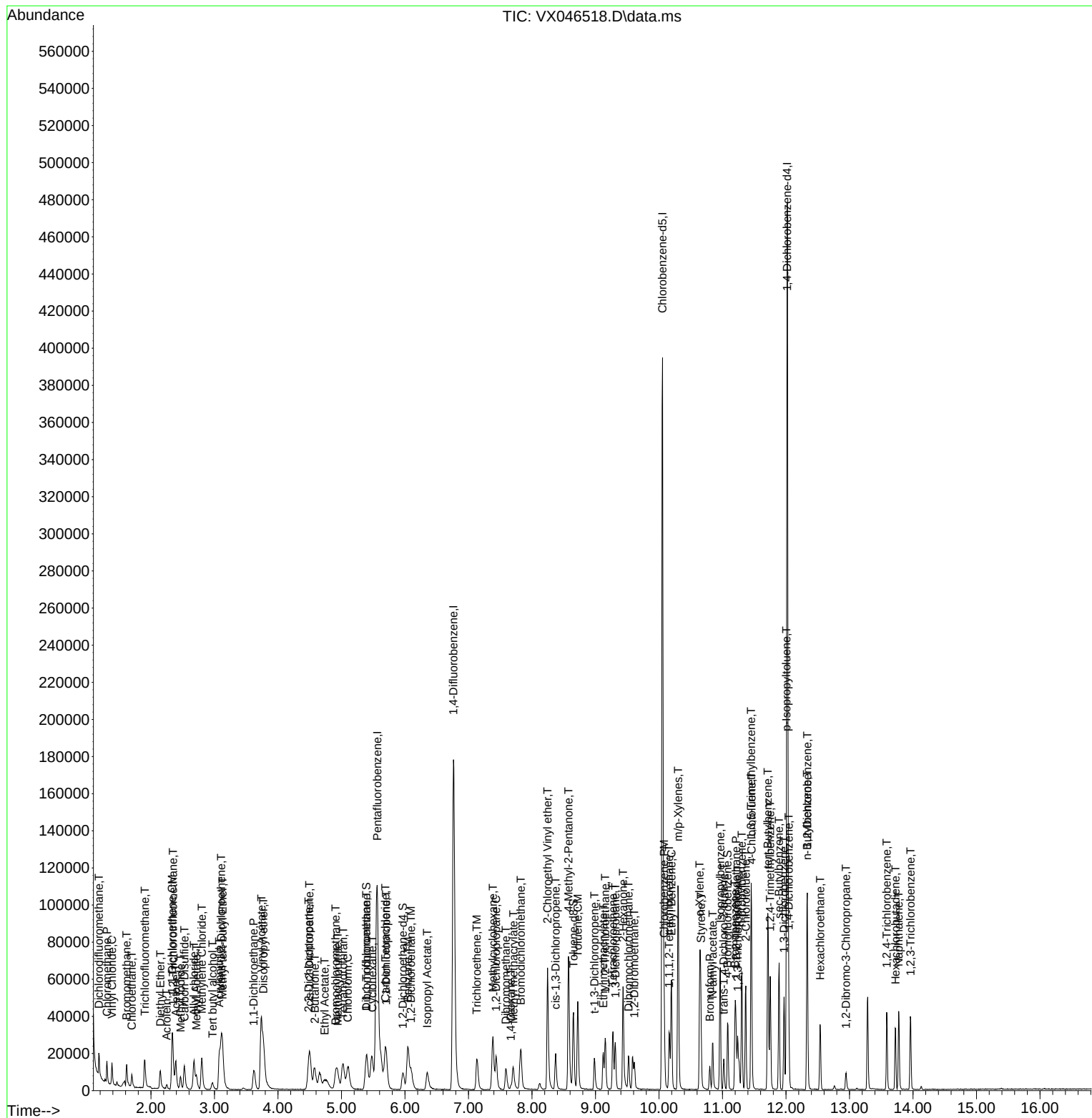
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046518.D
Acq On : 06 Jun 2025 09:42
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

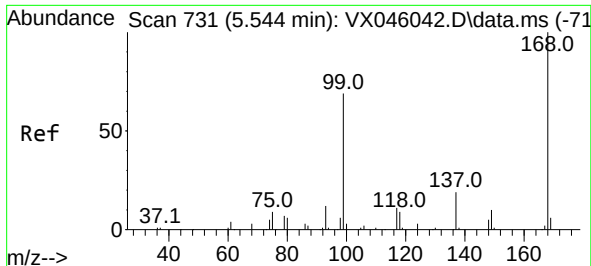
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

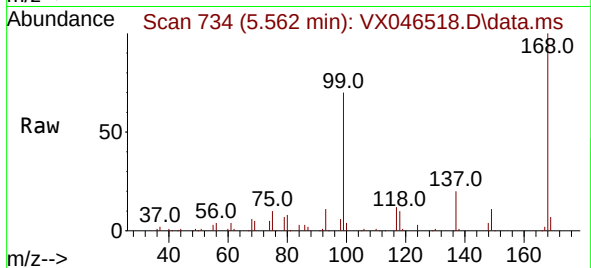
Quant Time: Jun 06 16:40:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:38:39 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

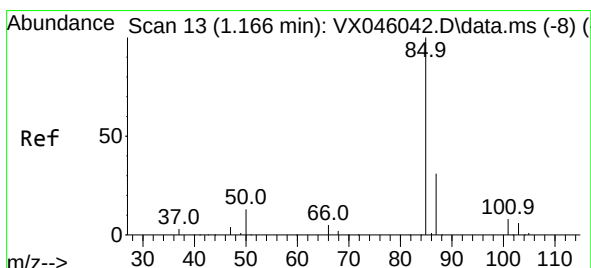
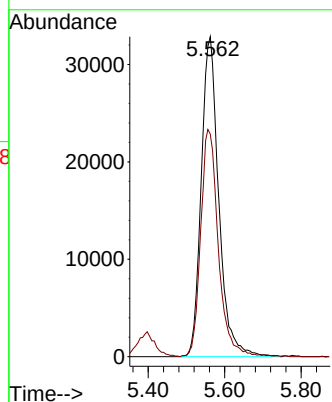
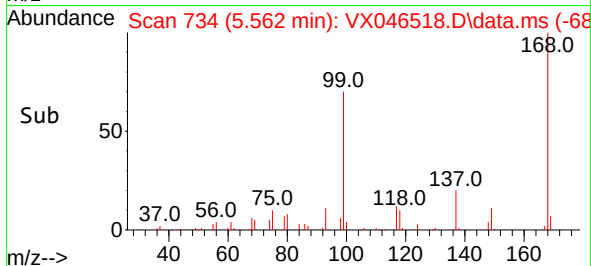
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 104428
Ion Ratio Lower Upper
168 100
99 69.6 54.9 82.3

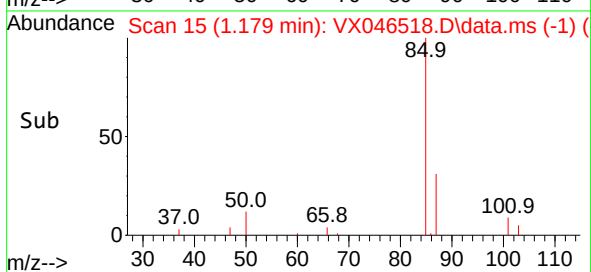
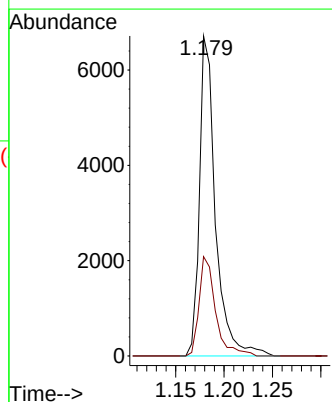
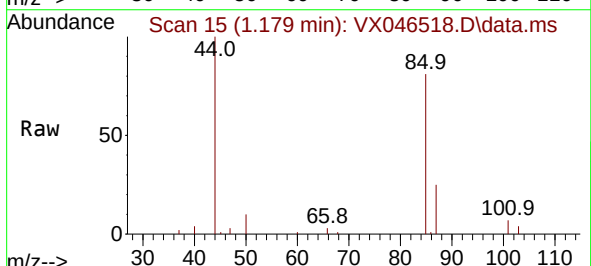
Manual Integrations
APPROVED

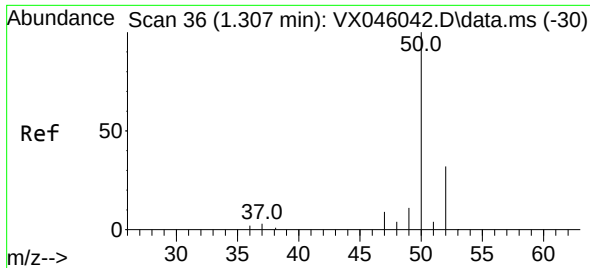
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#2
Dichlorodifluoromethane
Concen: 5.329 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

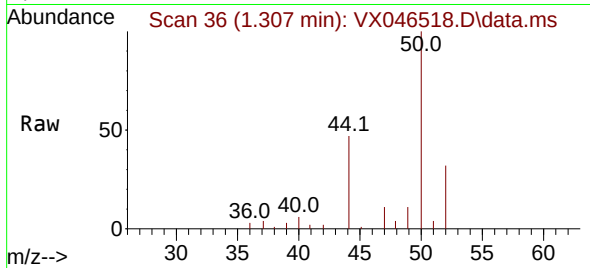
Tgt Ion: 85 Resp: 7726
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1





#3
Chloromethane
Concen: 5.833 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

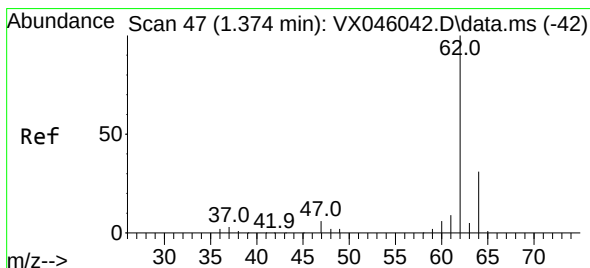
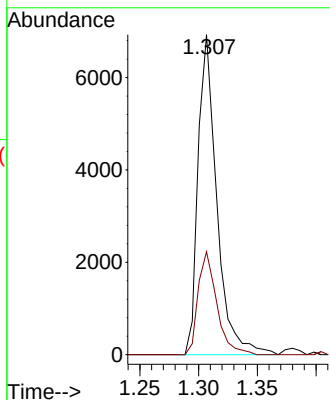
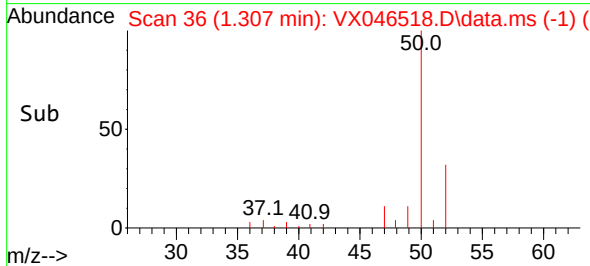
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



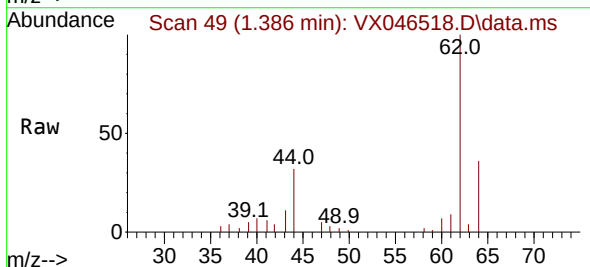
Tgt Ion: 50 Resp: 7698
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

Manual Integrations
APPROVED

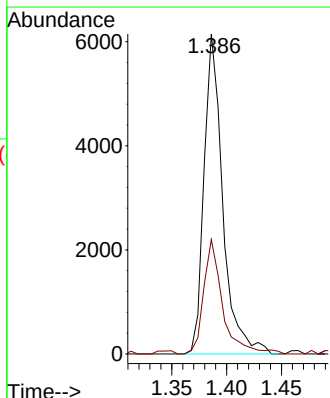
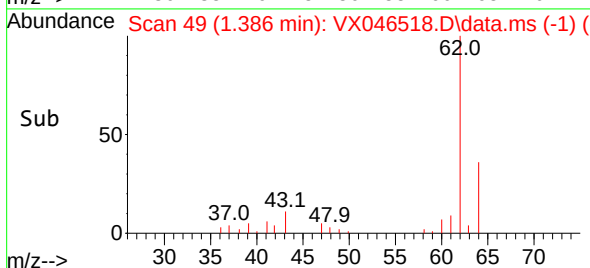
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

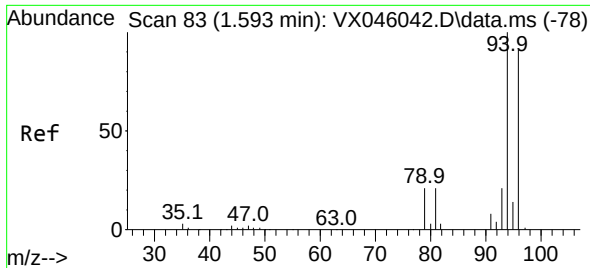


#4
Vinyl Chloride
Concen: 5.536 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



Tgt Ion: 62 Resp: 7283
Ion Ratio Lower Upper
62 100
64 35.8 25.2 37.8





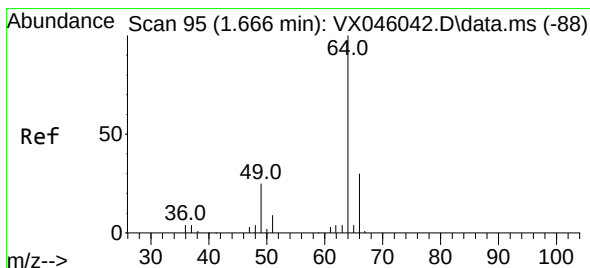
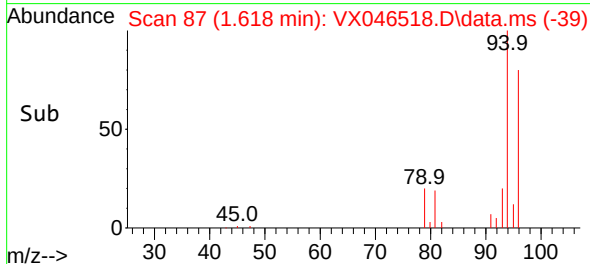
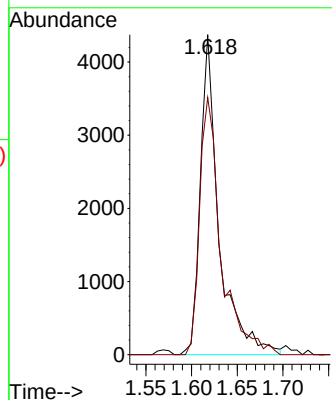
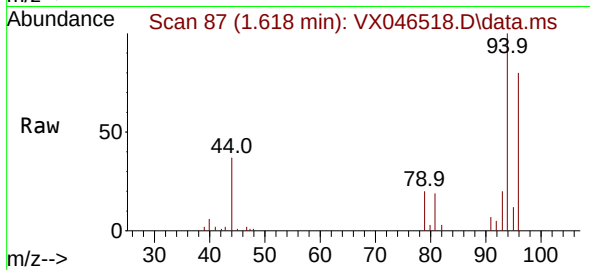
#5
Bromomethane
Concen: 7.740 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 80.3 72.8 109.2

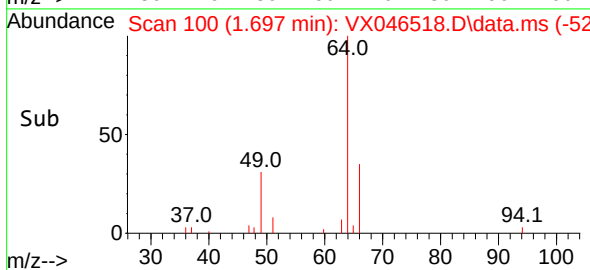
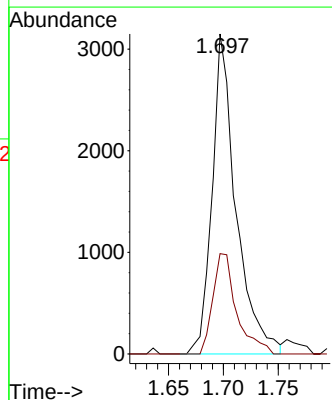
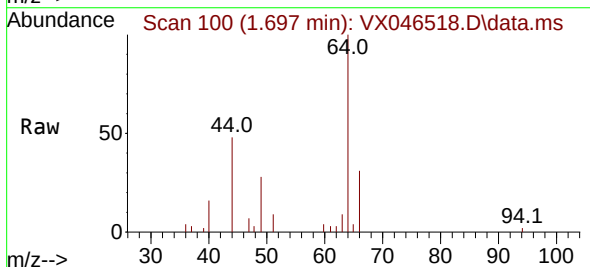
Manual Integrations
APPROVED

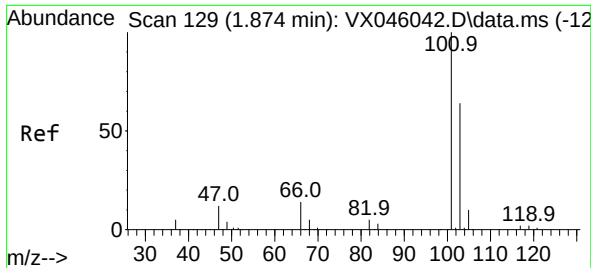
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#6
Chloroethane
Concen: 5.582 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

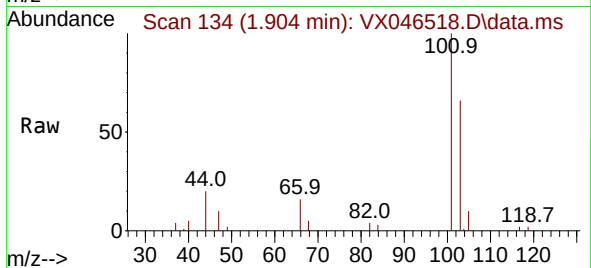
Tgt Ion: 64 Resp: 4764
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 5.450 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

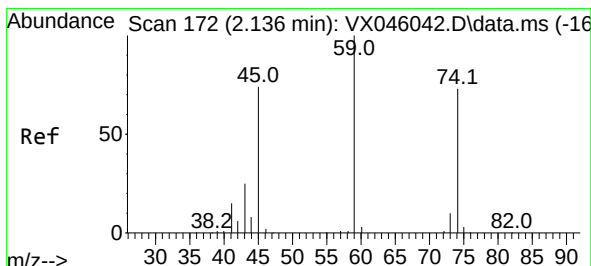
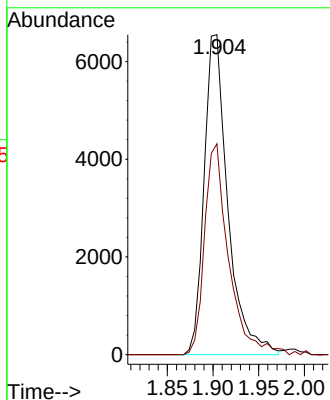
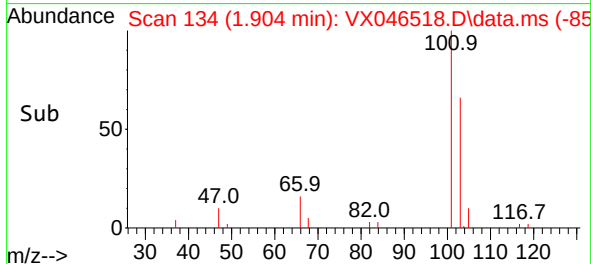
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



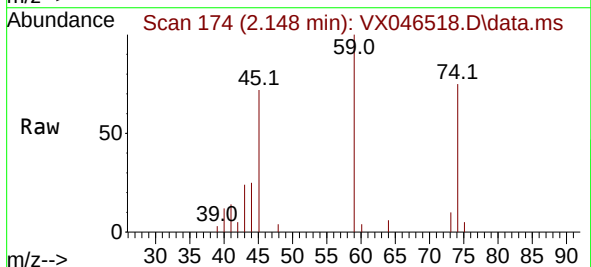
Tgt Ion: 101 Resp: 1186
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.4

Manual Integrations
 APPROVED

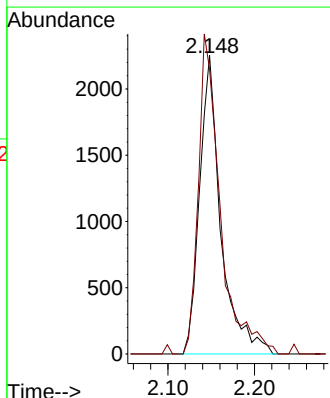
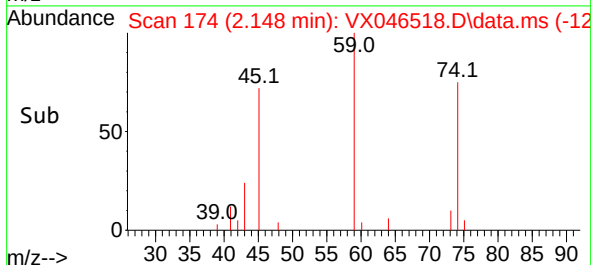
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

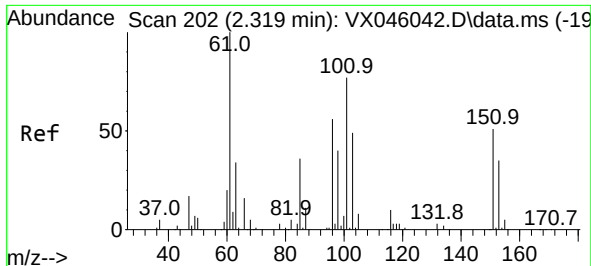


#8
 Diethyl Ether
 Concen: 4.997 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.006 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42



Tgt Ion: 74 Resp: 3843
 Ion Ratio Lower Upper
 74 100
 45 110.0 54.9 164.8





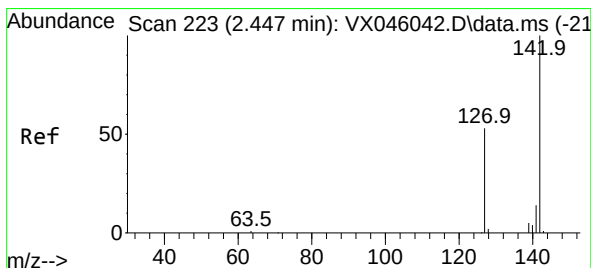
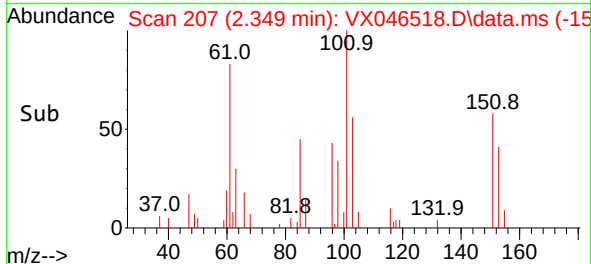
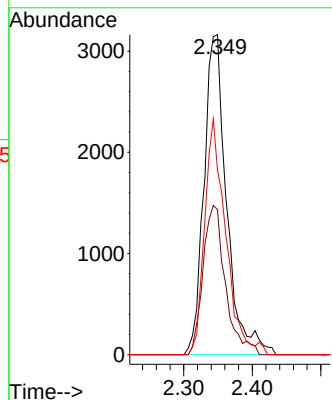
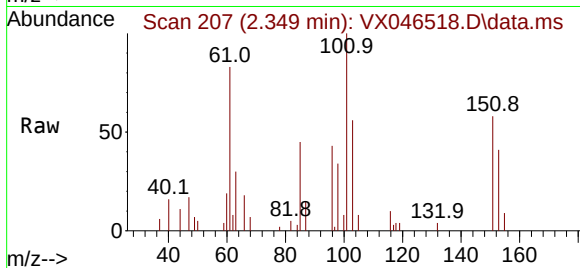
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.323 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7295
Ion Ratio Lower Upper
101 100
85 46.0 38.6 58.0
151 68.4 55.2 82.8

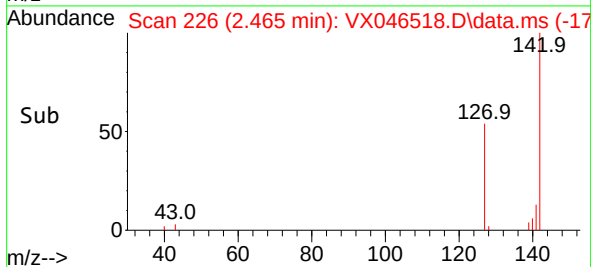
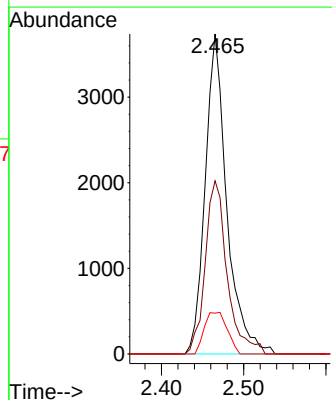
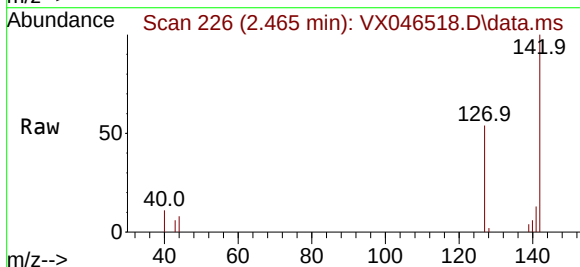
Manual Integrations
APPROVED

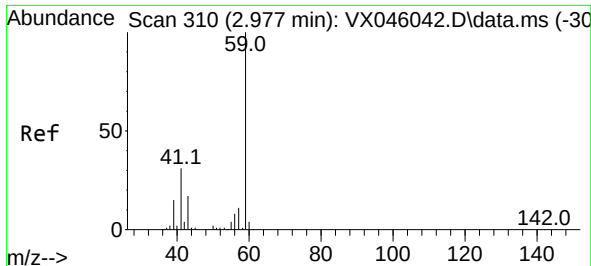
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#10
Methyl Iodide
Concen: 4.585 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion:142 Resp: 6815
Ion Ratio Lower Upper
142 100
127 55.0 41.7 62.5
141 13.8 11.5 17.3





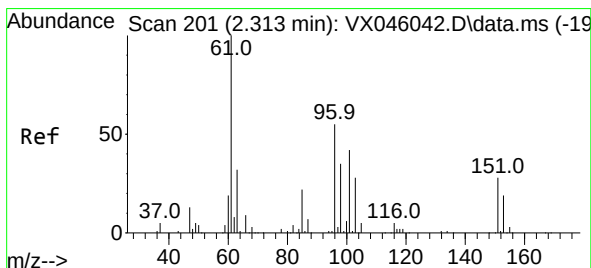
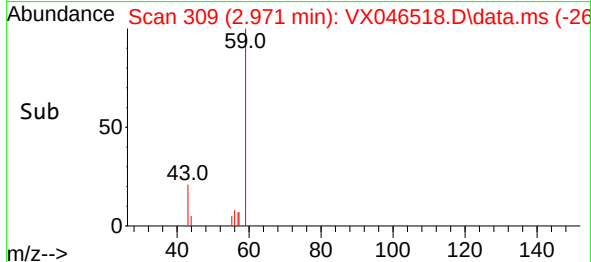
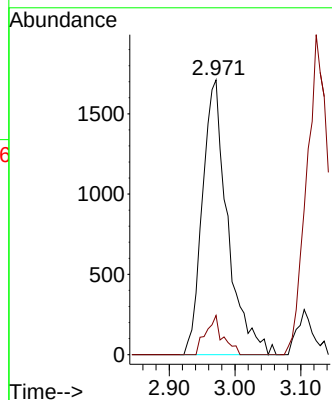
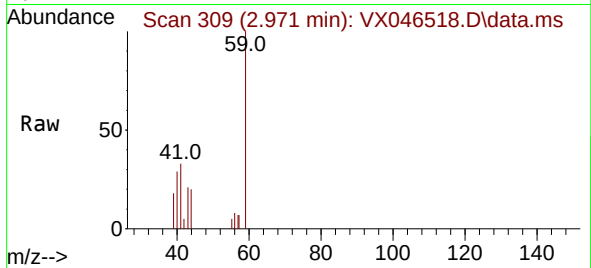
#11
Tert butyl alcohol
Concen: 22.143 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 456
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8

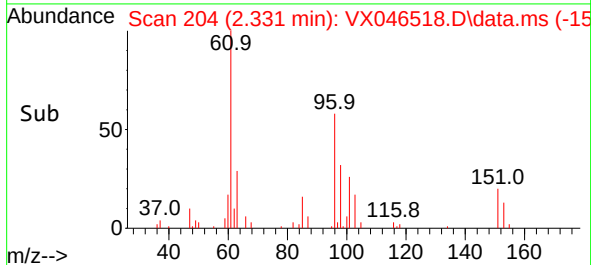
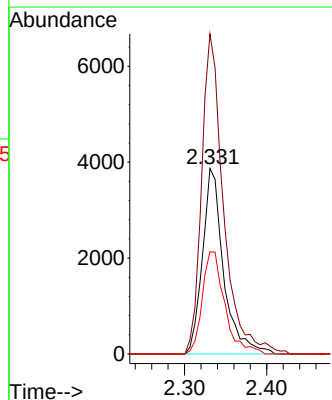
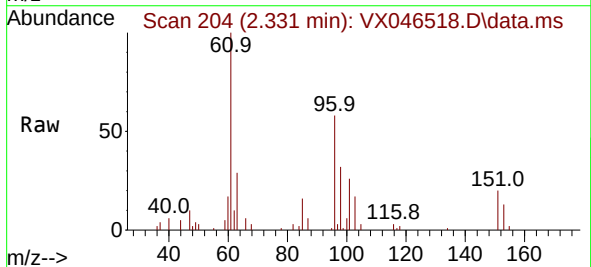
Manual Integrations
APPROVED

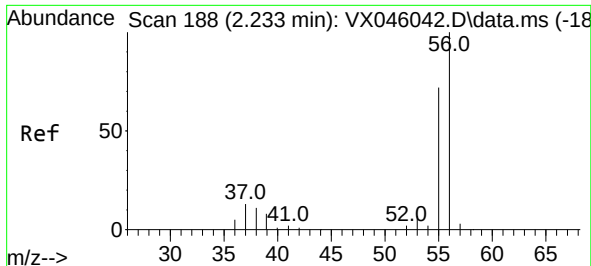
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#12
1,1-Dichloroethene
Concen: 5.584 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

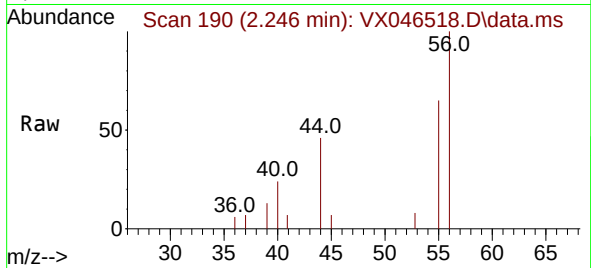
Tgt Ion: 96 Resp: 6923
Ion Ratio Lower Upper
96 100
61 172.5 146.2 219.2
98 55.2 51.0 76.6





#13
Acrolein
Concen: 37.301 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.005 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

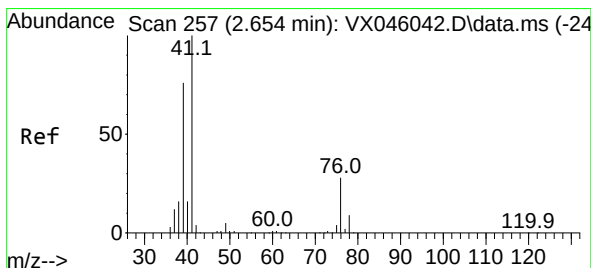
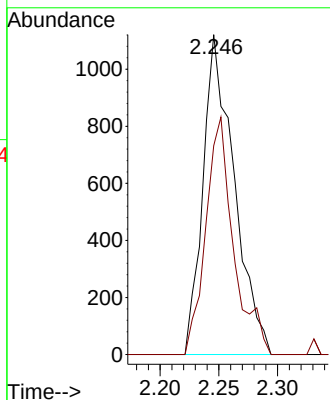
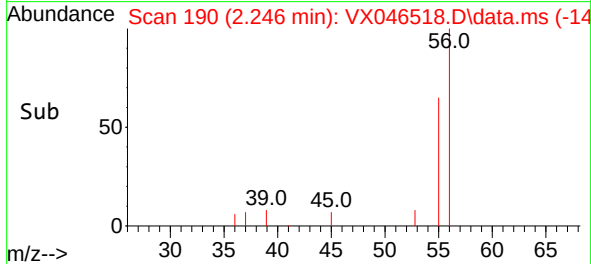
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



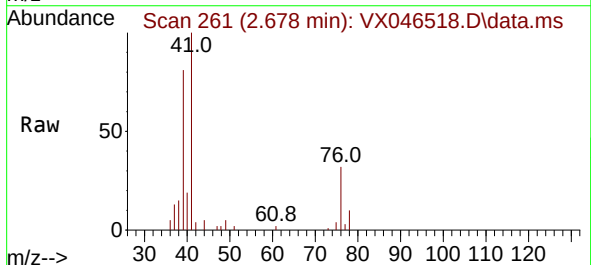
Tgt Ion: 56 Resp: 206
Ion Ratio Lower Upper
56 100
55 66.2 56.2 84.4

Manual Integrations
APPROVED

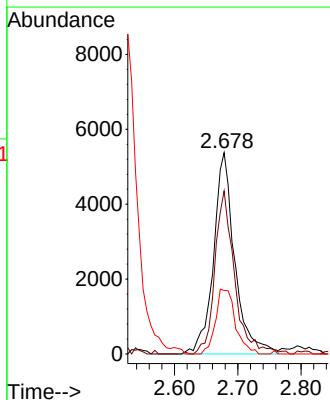
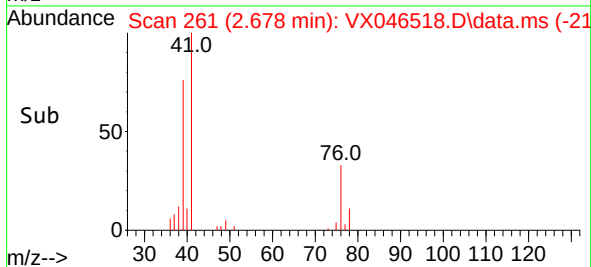
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

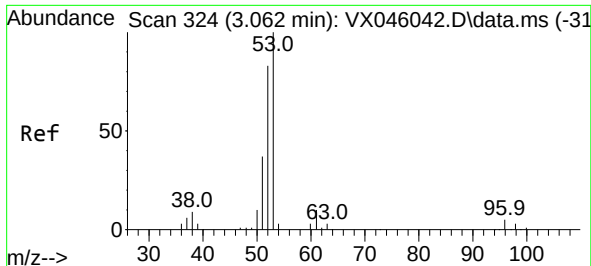


#14
Allyl chloride
Concen: 5.139 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



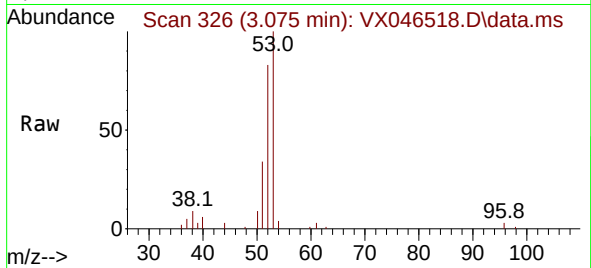
Tgt Ion: 41 Resp: 12513
Ion Ratio Lower Upper
41 100
39 74.9 60.6 90.8
76 30.0 24.9 37.3





#15
Acrylonitrile
Concen: 24.554 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

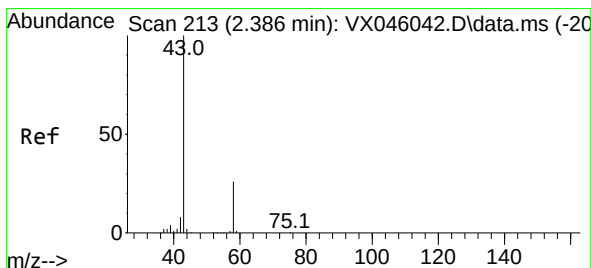
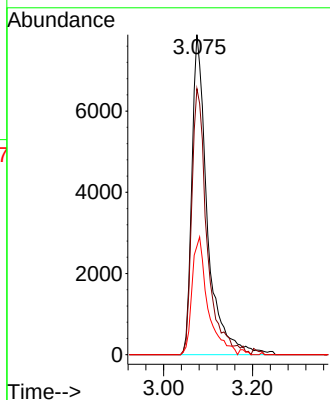
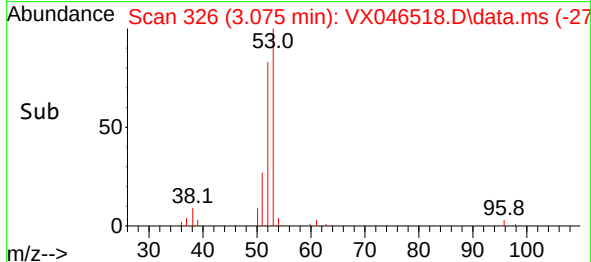
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 19139
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 37.2 29.8 44.8

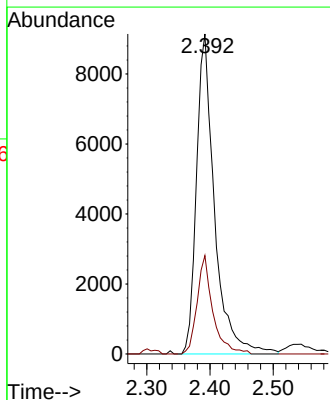
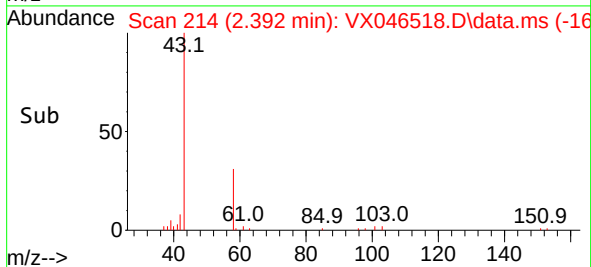
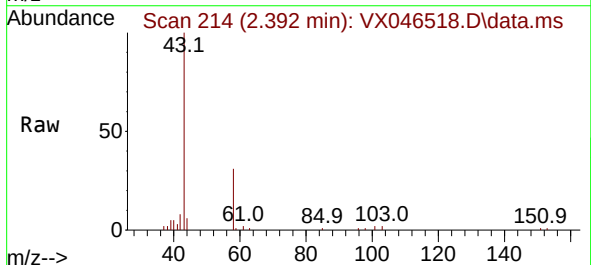
Manual Integrations
APPROVED

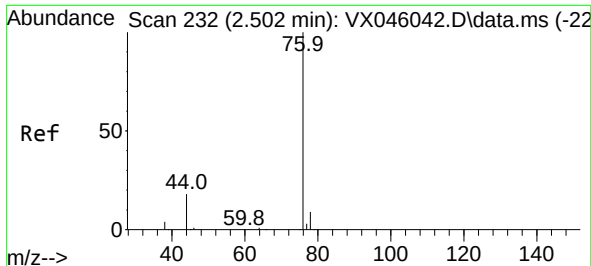
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 28.970 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 43 Resp: 18117
Ion Ratio Lower Upper
43 100
58 30.8 21.2 31.8





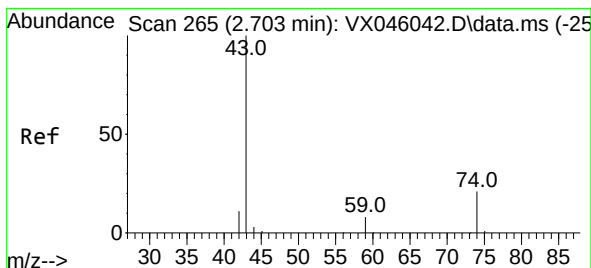
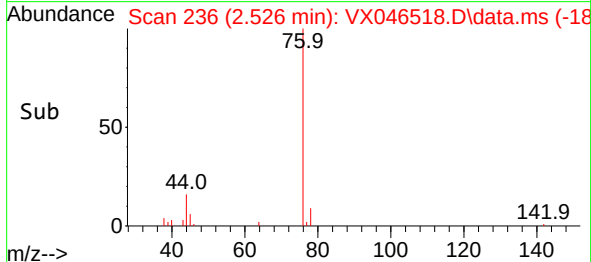
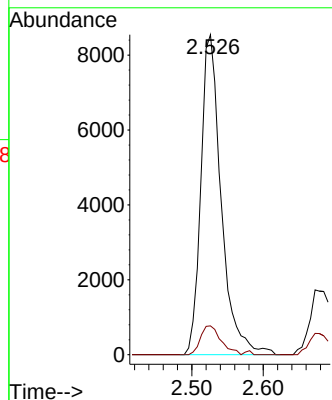
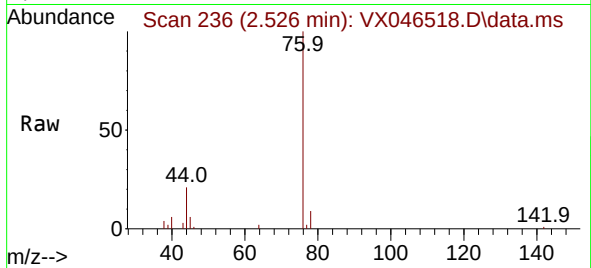
#17
Carbon Disulfide
Concen: 6.594 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 1689
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

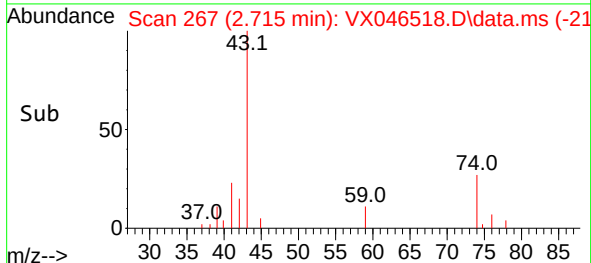
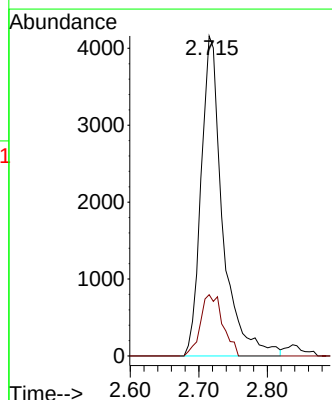
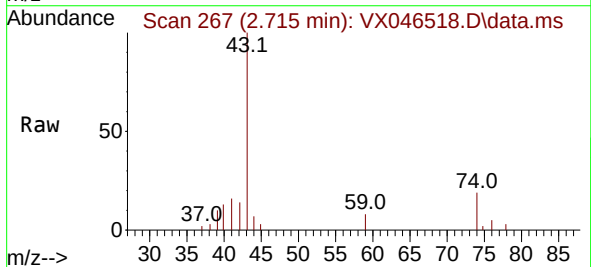
Manual Integrations
APPROVED

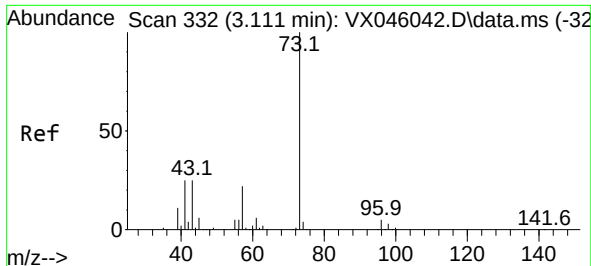
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 4.107 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 43 Resp: 9089
Ion Ratio Lower Upper
43 100
74 19.9 16.7 25.1





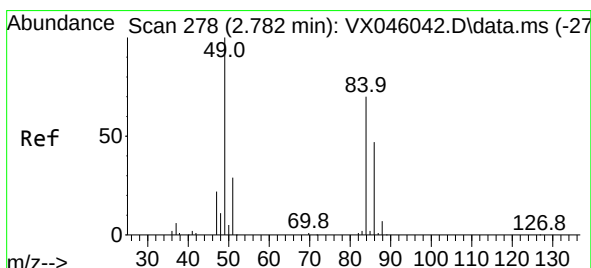
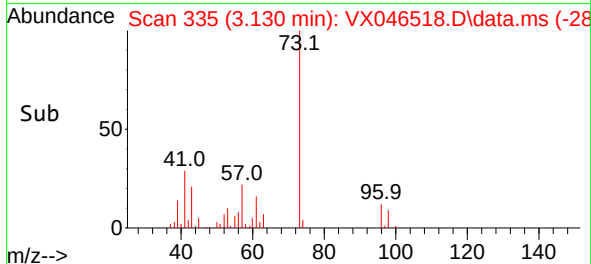
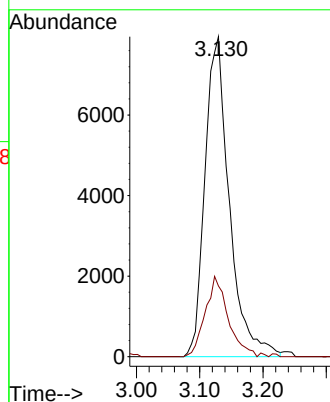
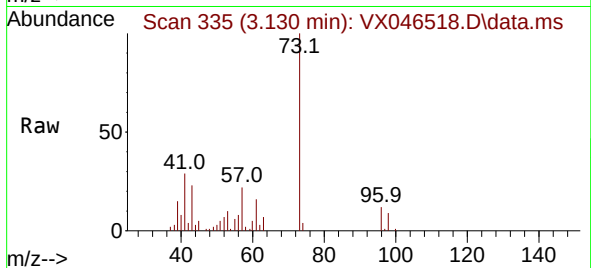
#19
Methyl tert-butyl Ether
Concen: 4.905 ug/l
RT: 3.130 min Scan# 311
Delta R.T. -0.005 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2128
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

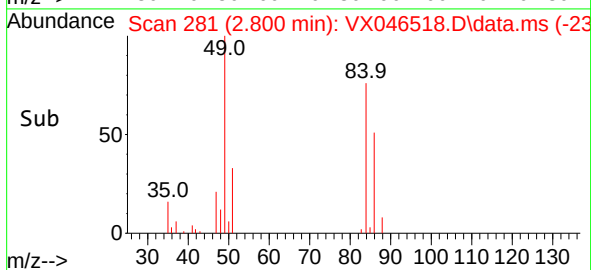
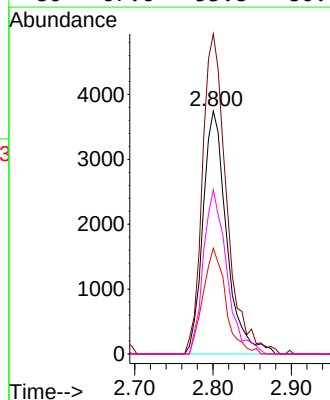
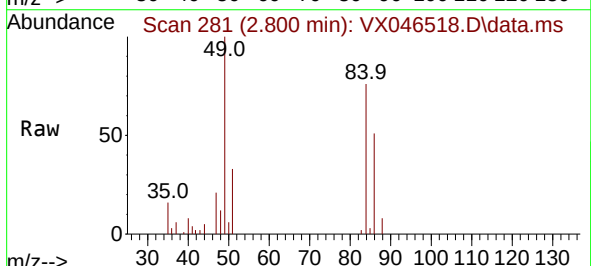
Manual Integrations
APPROVED

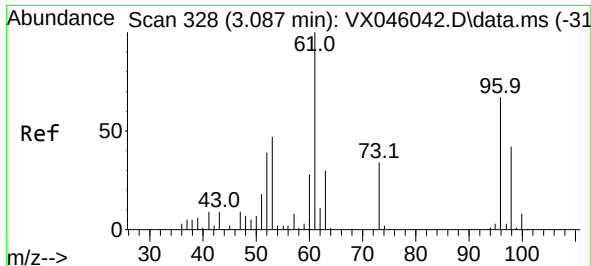
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

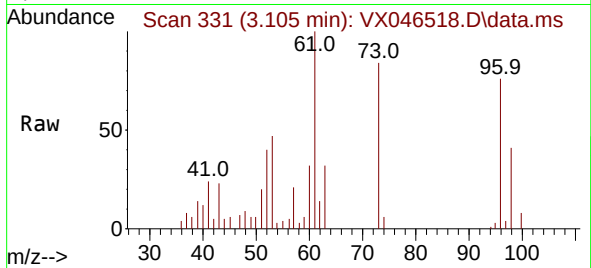
Tgt Ion: 84 Resp: 7851
Ion Ratio Lower Upper
84 100
49 131.8 113.9 170.9
51 43.5 33.5 50.3
86 67.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 5.260 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

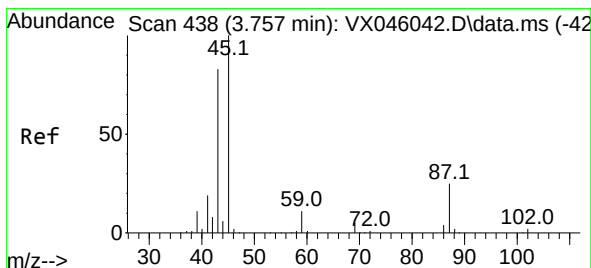
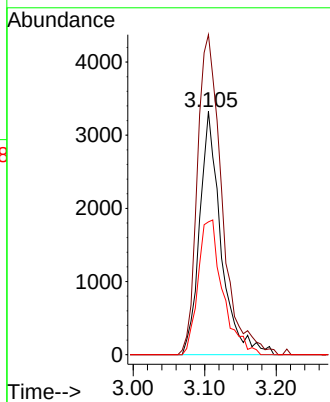
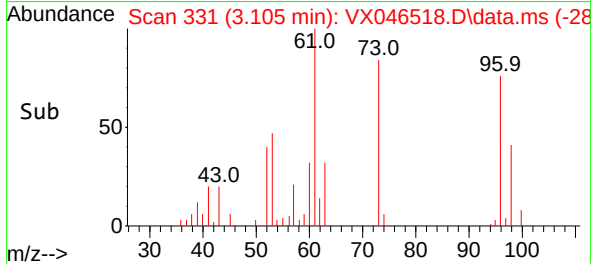
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 690
Ion Ratio Lower Upper
96 100
61 131.6 119.5 179.3
98 54.6 50.0 75.0

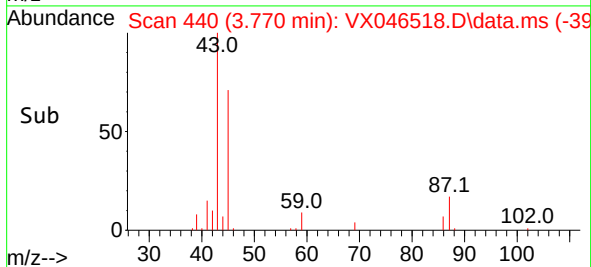
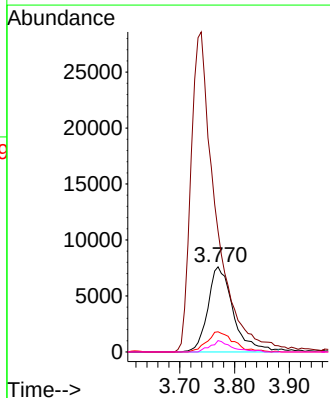
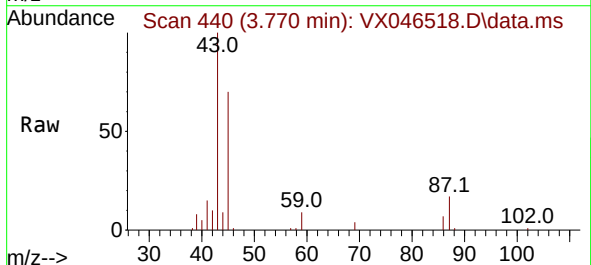
Manual Integrations
APPROVED

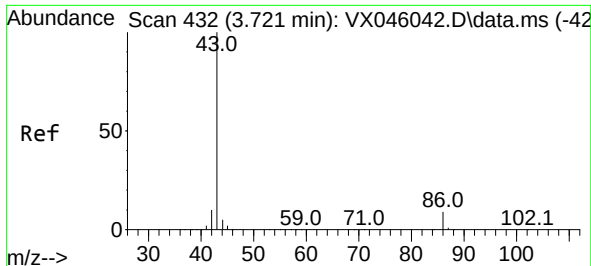
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#22
Diisopropyl ether
Concen: 5.086 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.012 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 45 Resp: 24417
Ion Ratio Lower Upper
45 100
43 139.2 66.6 100.0#
87 23.6 19.8 29.6
59 13.4 8.6 12.8#





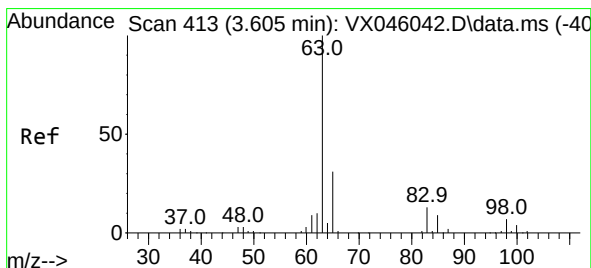
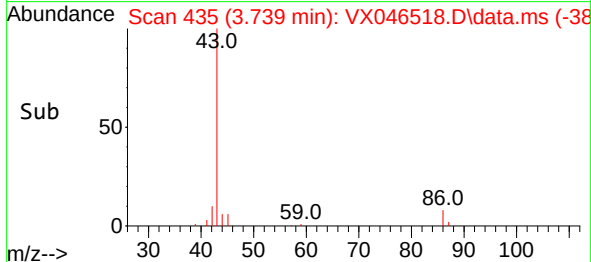
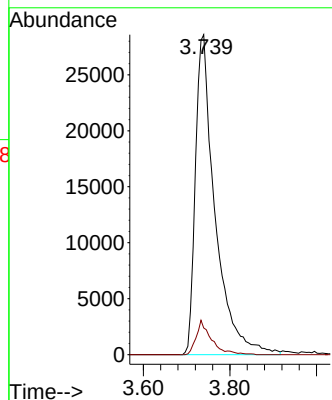
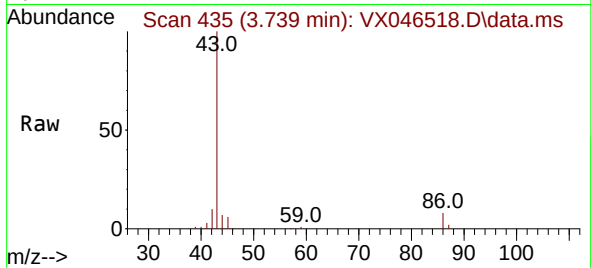
#23
 Vinyl Acetate
 Concen: 24.333 ug/l
 RT: 3.739 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 9018
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.5 11.3

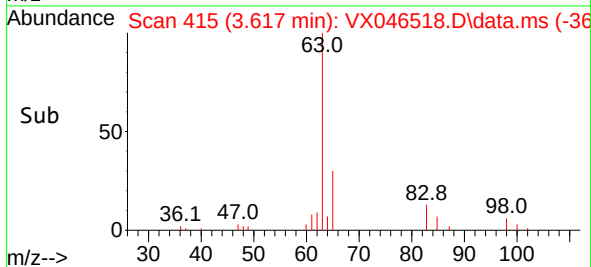
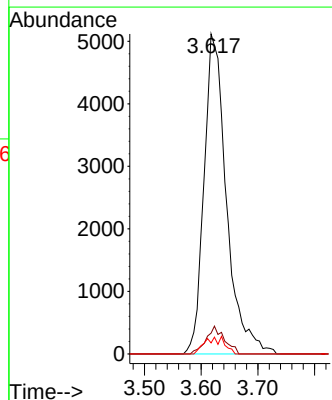
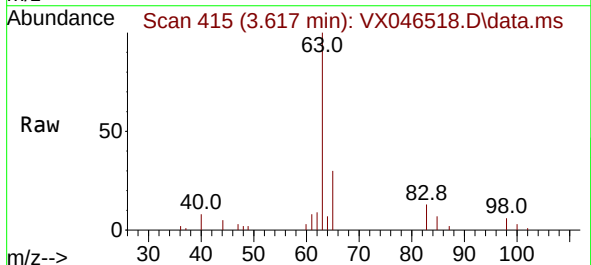
Manual Integrations
 APPROVED

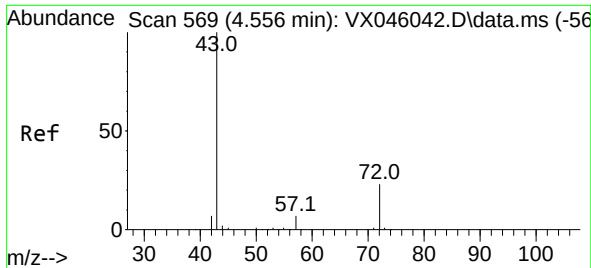
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#24
 1,1-Dichloroethane
 Concen: 5.267 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.012 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

Tgt Ion: 63 Resp: 14092
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 3.4 2.1 6.3





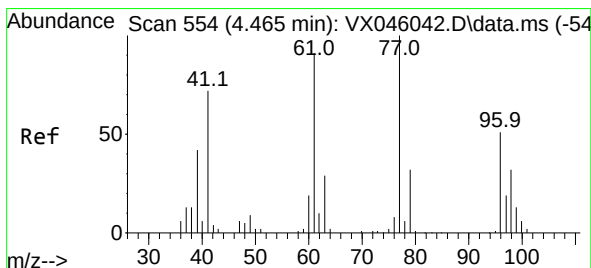
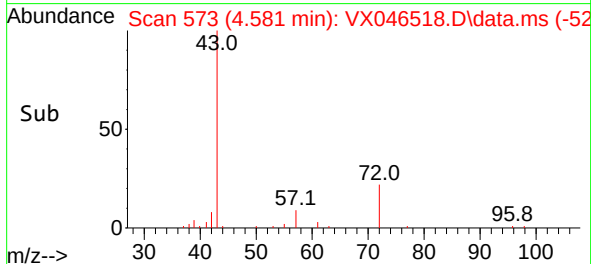
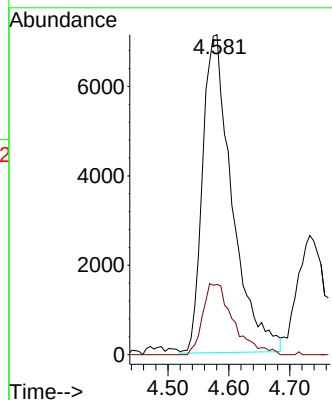
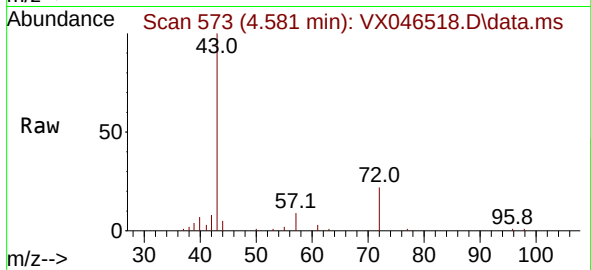
#25
2-Butanone
Concen: 23.183 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
72 22.1 18.4 27.6

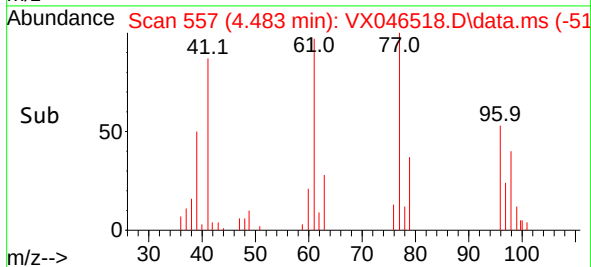
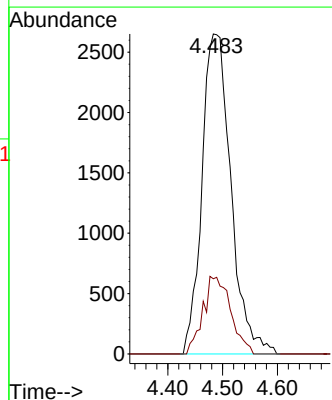
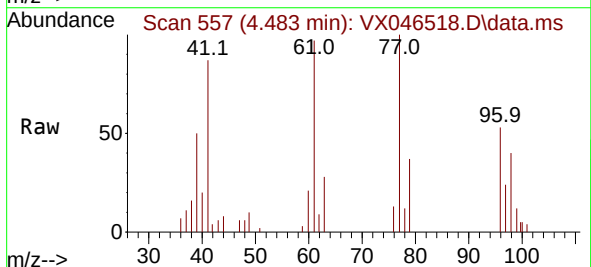
Manual Integrations
APPROVED

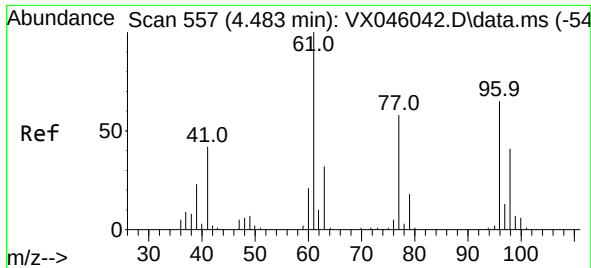
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 4.893 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

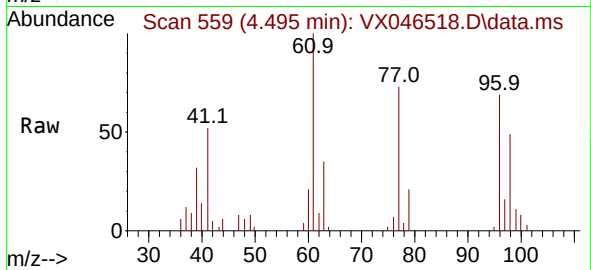
Tgt Ion: 77 Resp: 9718
Ion Ratio Lower Upper
77 100
97 23.2 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 5.084 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. -0.012 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

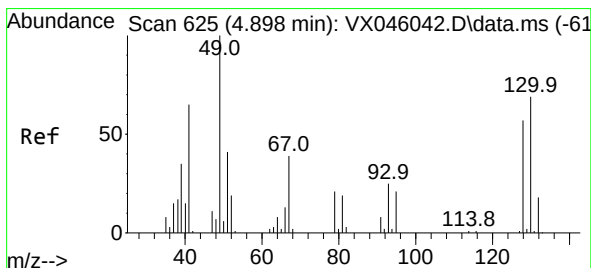
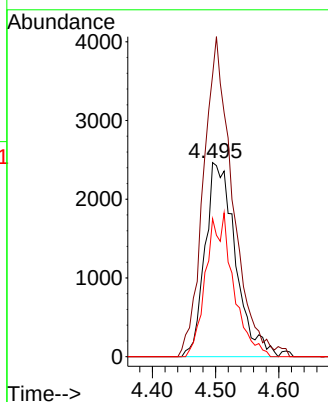
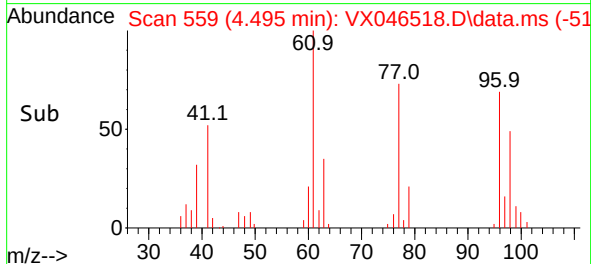
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 821
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 322.8
 98 66.6 0.0 129.0

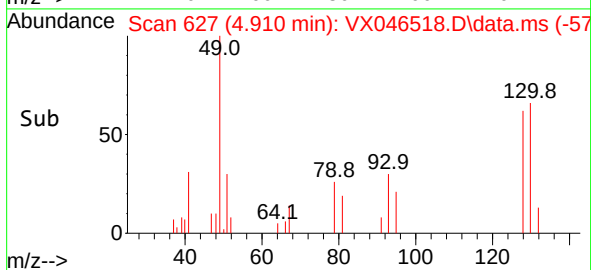
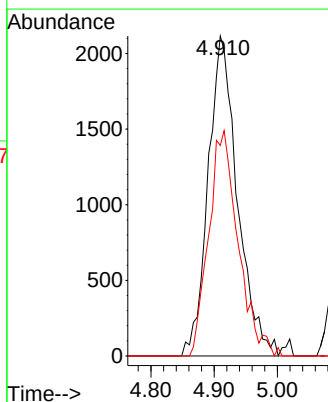
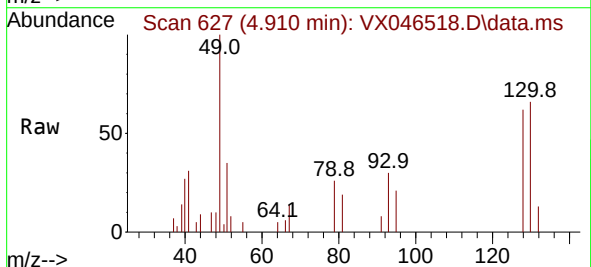
Manual Integrations
 APPROVED

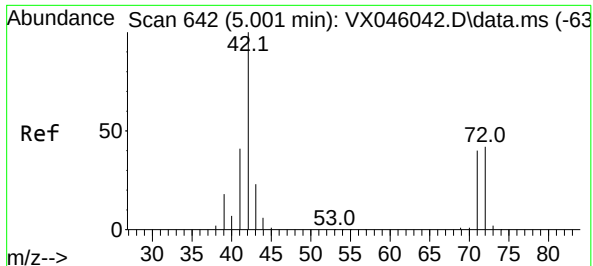
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#28
 Bromochloromethane
 Concen: 5.334 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. -0.006 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

Tgt Ion: 49 Resp: 6807
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 70.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 24.057 ug/l

RT: 5.026 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

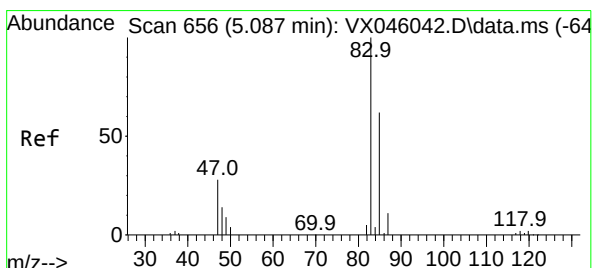
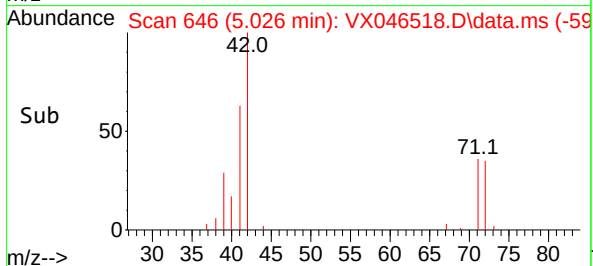
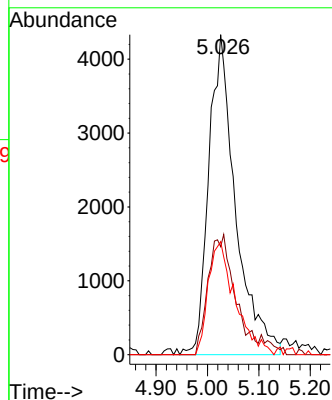
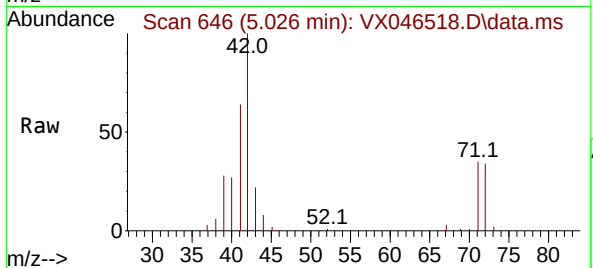
Tgt Ion:	42	Resp:	1571
Ion Ratio	Lower	Upper	
42	100		
72	37.4	33.7	50.5
71	35.4	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#30

Chloroform

Concen: 5.184 ug/l

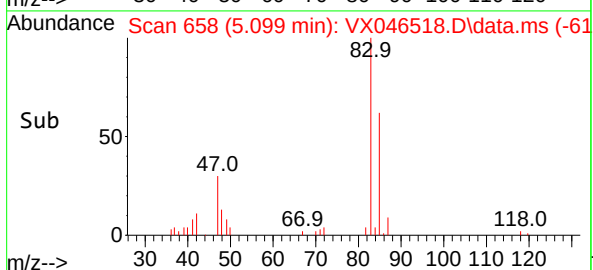
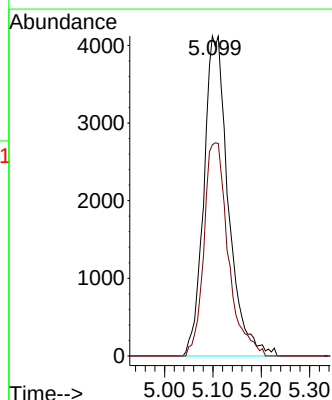
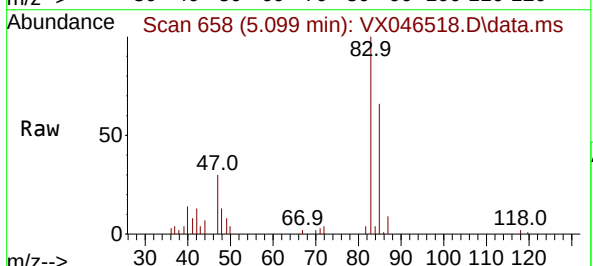
RT: 5.099 min Scan# 658

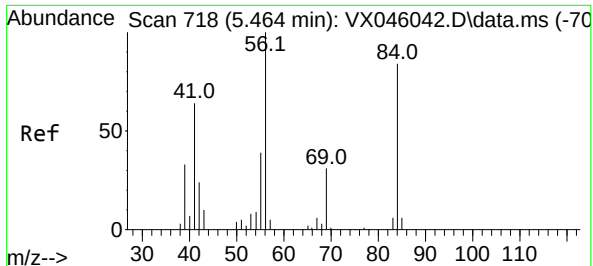
Delta R.T. -0.012 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Tgt Ion:	83	Resp:	14532
Ion Ratio	Lower	Upper	
83	100		
85	66.0	49.3	73.9





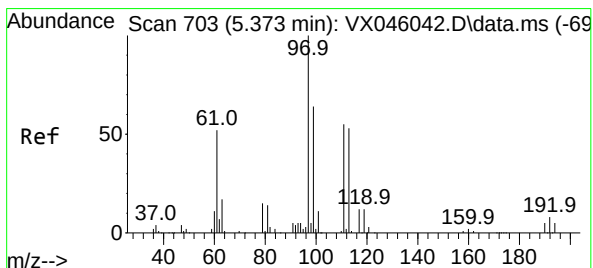
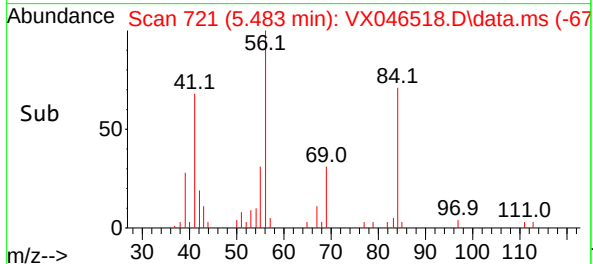
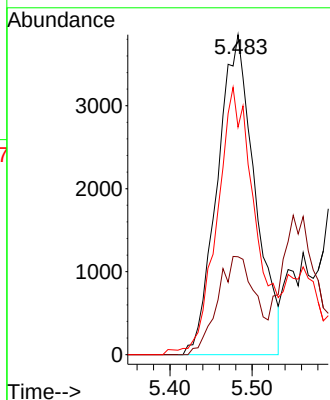
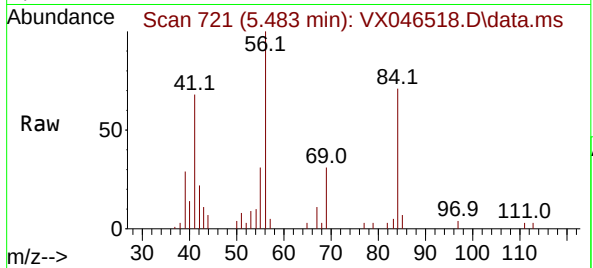
#31
Cyclohexane
Concen: 5.667 ug/l
RT: 5.483 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1224
Ion Ratio Lower Upper
56 100
69 30.6 24.4 36.6
84 69.7 66.9 100.3

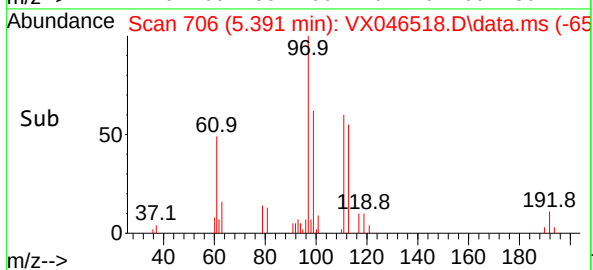
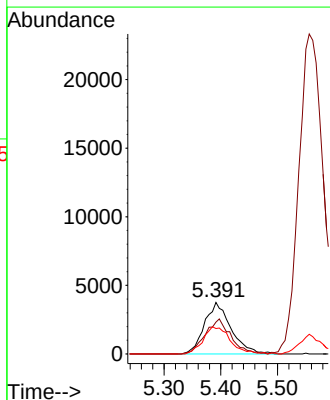
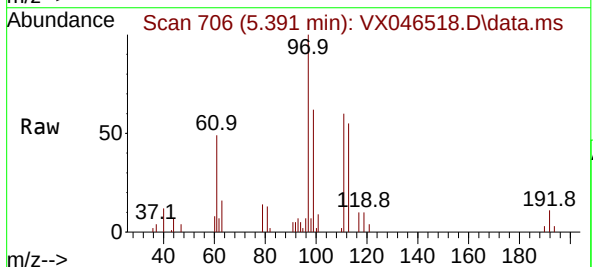
Manual Integrations
APPROVED

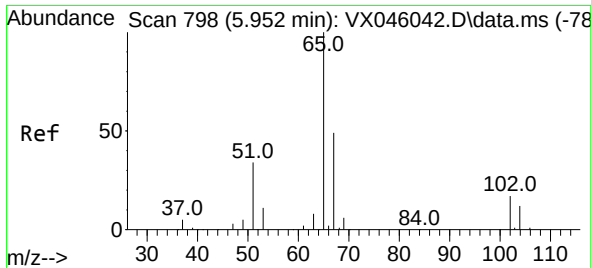
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#32
1,1,1-Trichloroethane
Concen: 5.094 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 97 Resp: 12216
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.6
61 53.6 40.1 60.1





#33
 1,2-Dichloroethane-d4
 Concen: 5.606 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

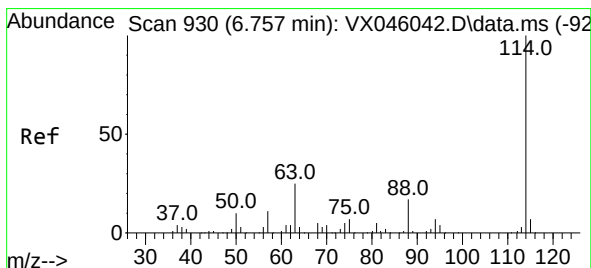
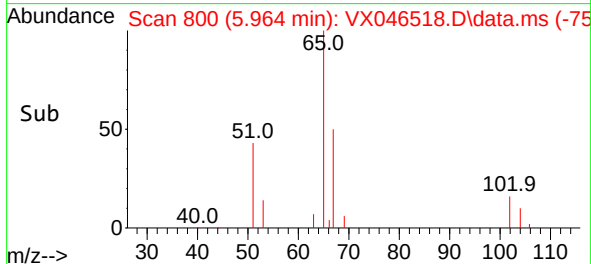
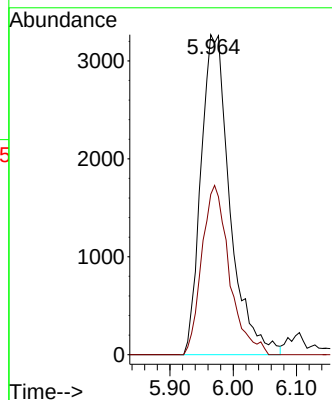
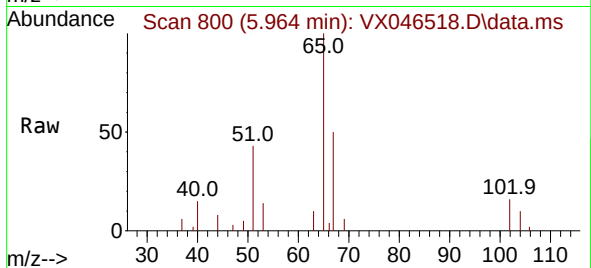
VSTDIC005

Tgt Ion: 65 Resp: 1041
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.0

Manual Integrations

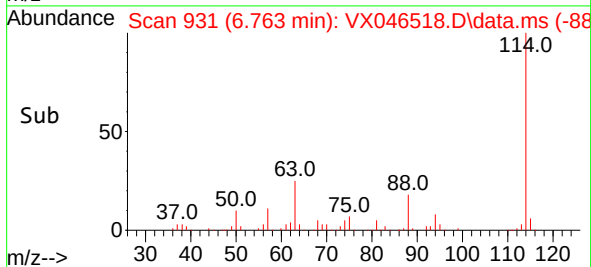
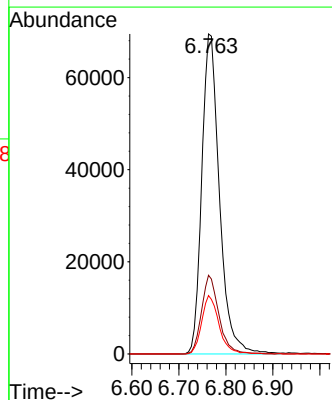
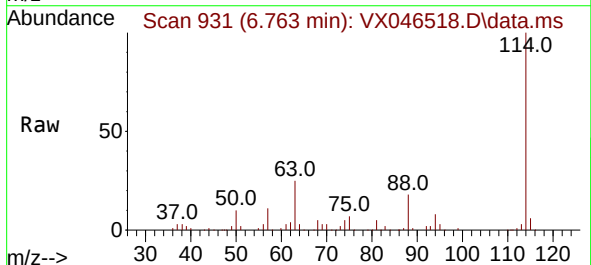
APPROVED

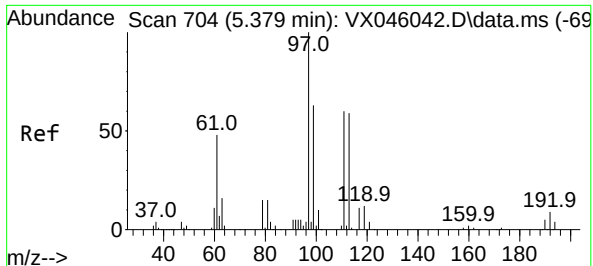
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.012 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

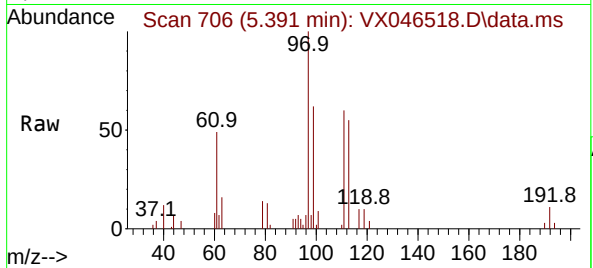
Tgt Ion:114 Resp: 181356
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 18.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 5.331 ug/l
RT: 5.391 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

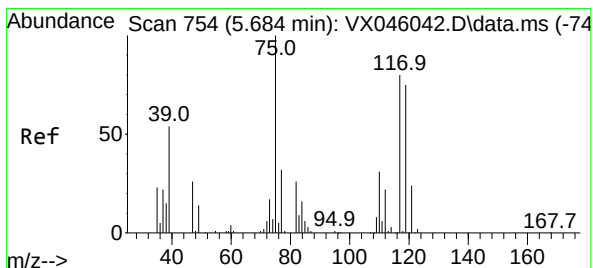
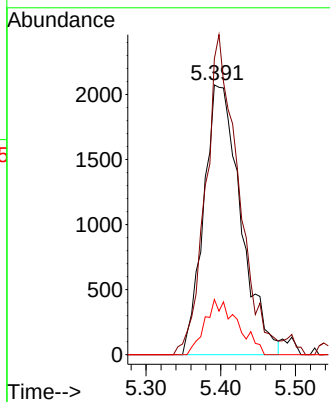
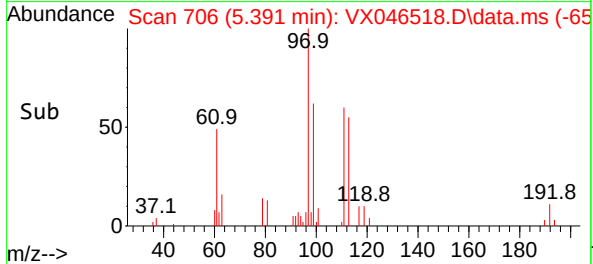
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 7110
Ion Ratio Lower Upper
113 100
111 105.5 83.1 124.7
192 18.1 13.3 19.9

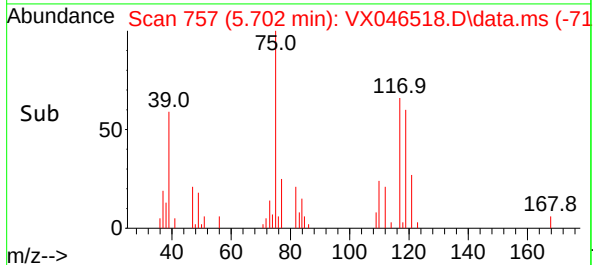
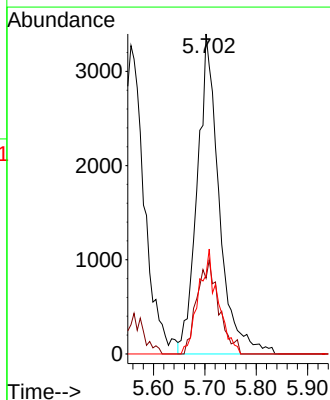
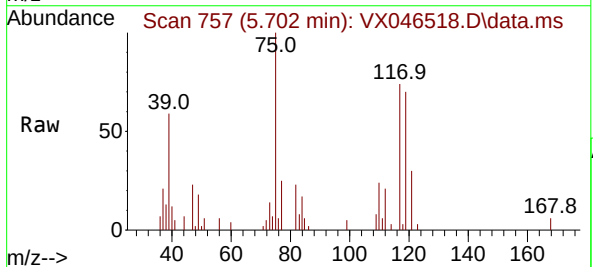
Manual Integrations
APPROVED

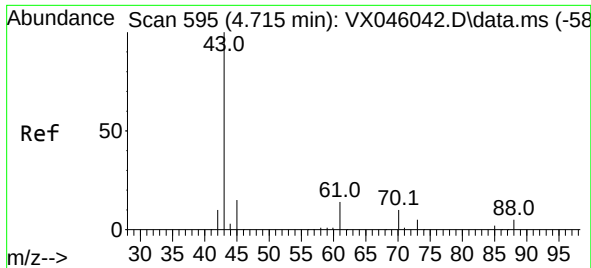
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.012 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 75 Resp: 10048
Ion Ratio Lower Upper
75 100
110 29.2 16.3 48.9
77 29.0 24.3 36.5





#37

Ethyl Acetate

Concen: 4.716 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 8760

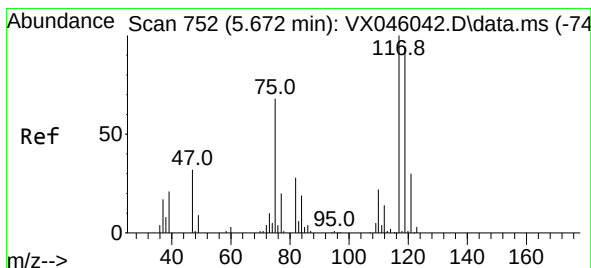
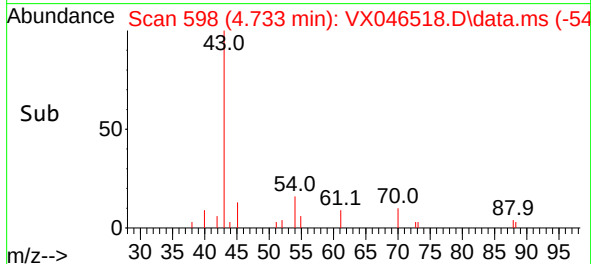
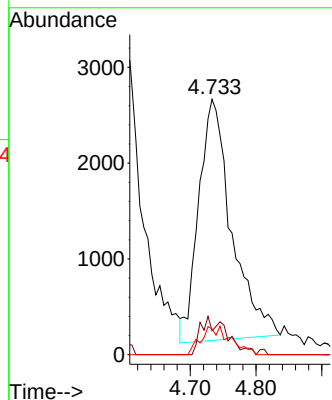
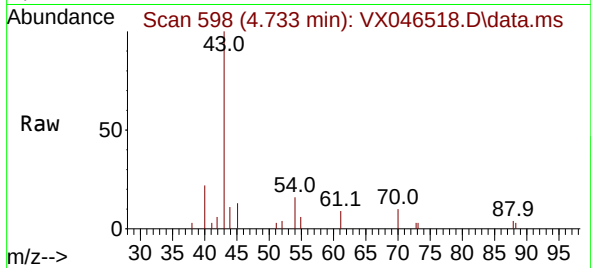
Ion	Ratio	Lower	Upper
43	100		
61	5.6	10.3	15.5
70	10.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#38

Carbon Tetrachloride

Concen: 5.088 ug/l

RT: 5.690 min Scan# 755

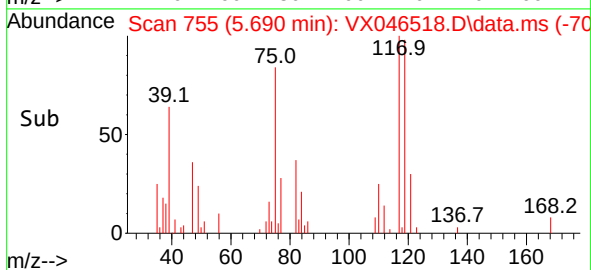
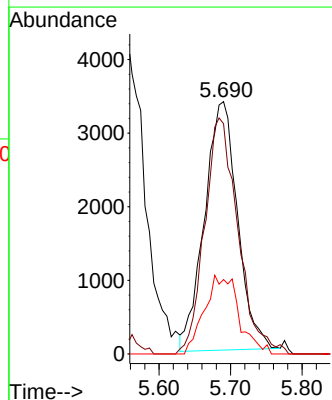
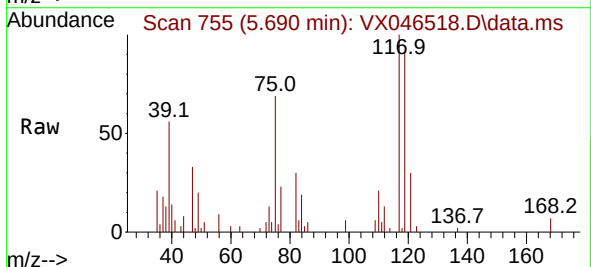
Delta R.T. -0.006 min

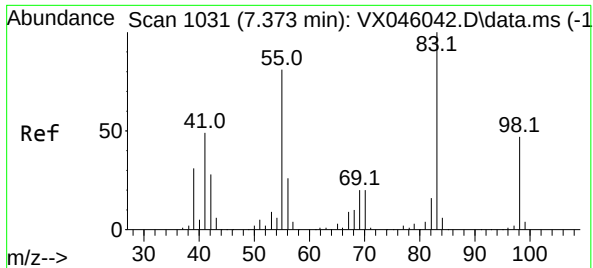
Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Tgt Ion:117 Resp: 10857

Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.2	112.8
121	30.2	24.2	36.4





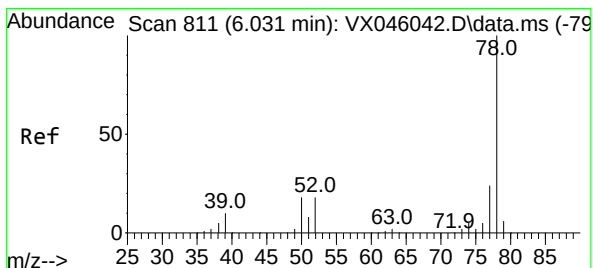
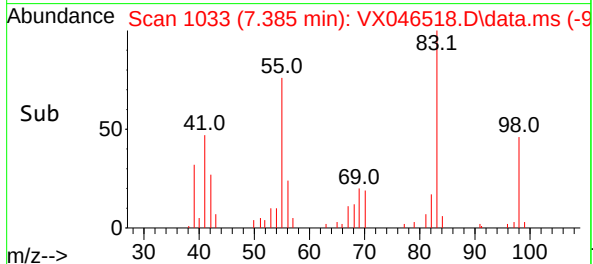
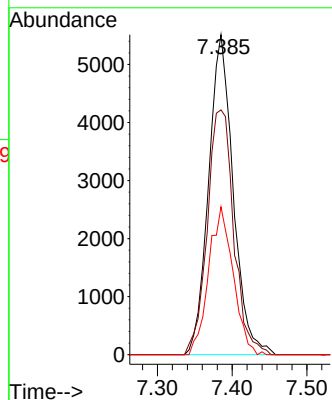
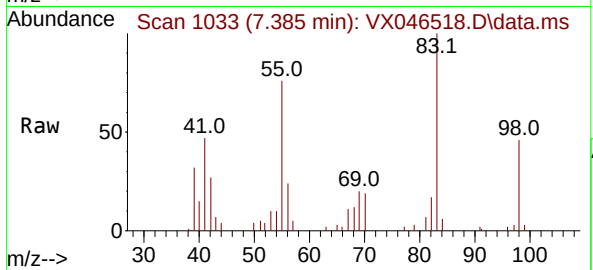
#39
Methylcyclohexane
Concen: 5.610 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 12614
Ion Ratio Lower Upper
83 100
55 76.5 64.7 97.1
98 46.2 37.4 56.2

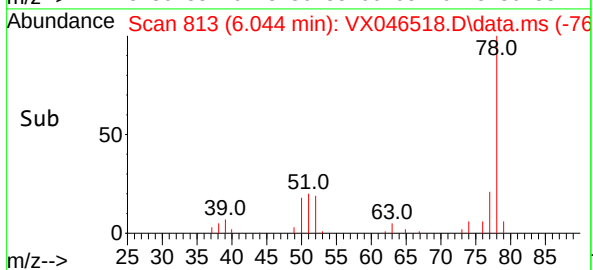
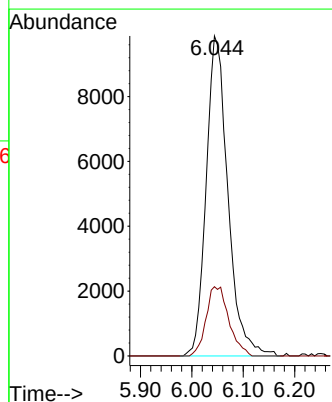
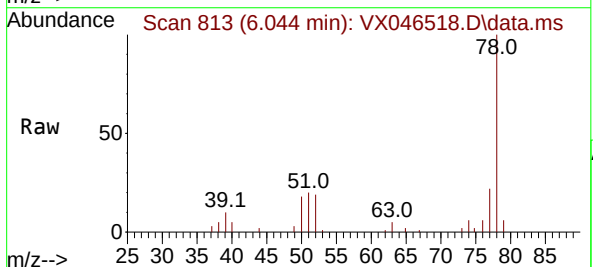
Manual Integrations
APPROVED

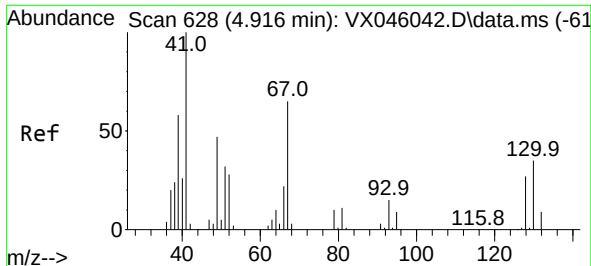
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#40
Benzene
Concen: 5.400 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.012 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

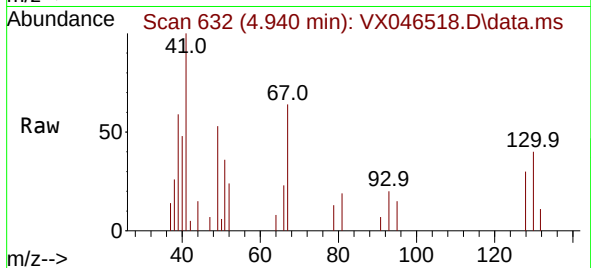
Tgt Ion: 78 Resp: 28961
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.4





#41
Methacrylonitrile
Concen: 4.868 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

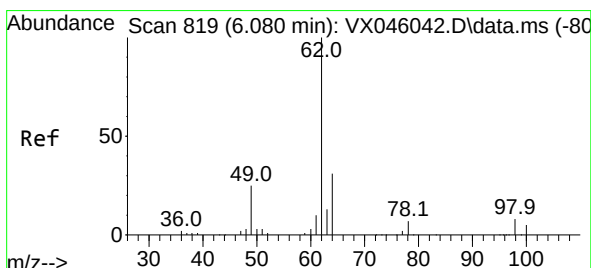
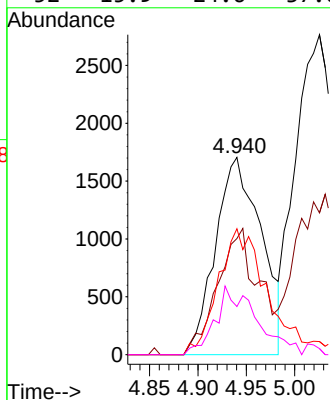
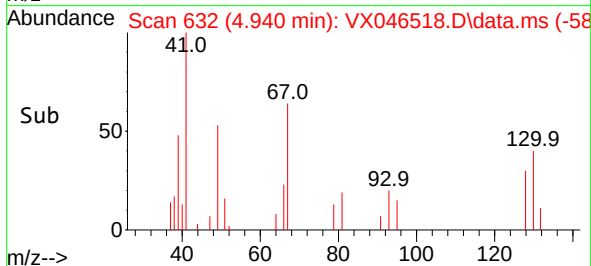
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 562
Ion Ratio Lower Upper
41 100
39 55.9 47.2 70.8
67 69.4 50.7 76.1
52 15.9 24.6 37.0#

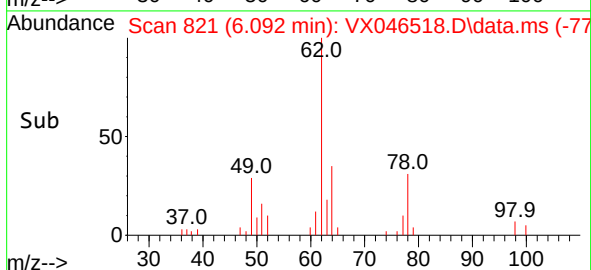
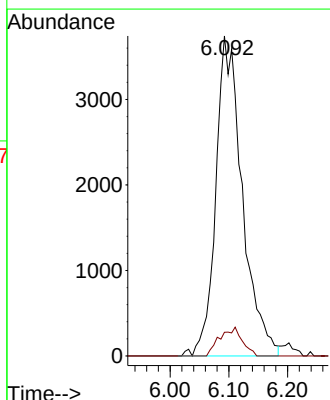
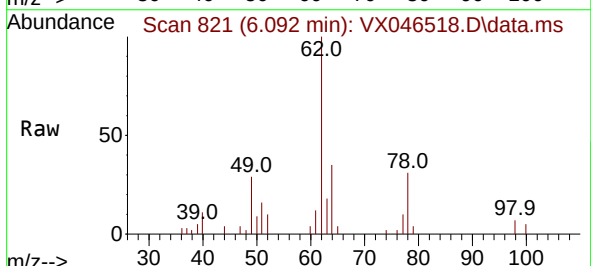
Manual Integrations
APPROVED

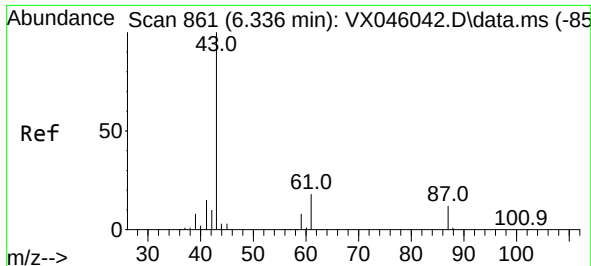
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

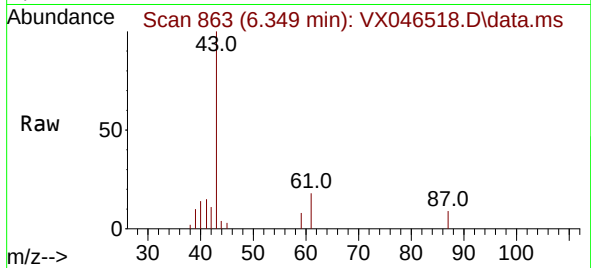
Tgt Ion: 62 Resp: 11718
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 4.712 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

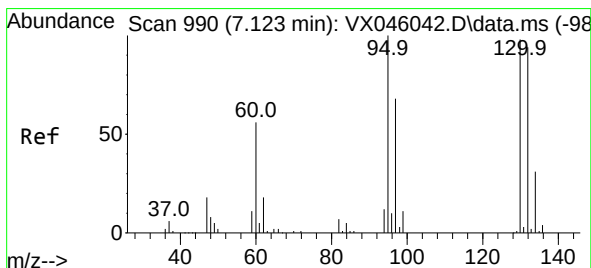
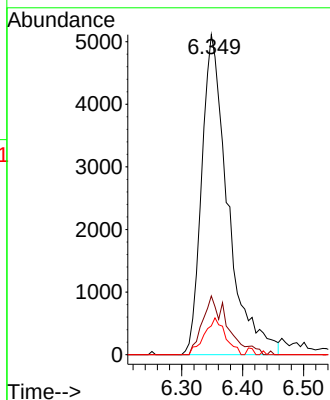
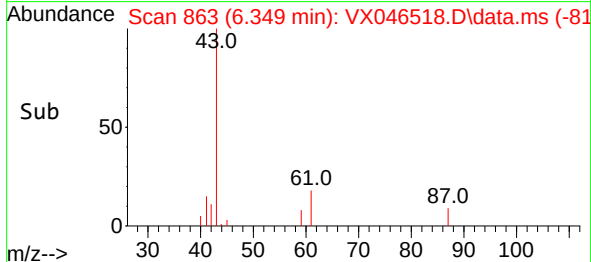
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
61 17.6 14.3 21.5
87 9.2 9.5 14.3

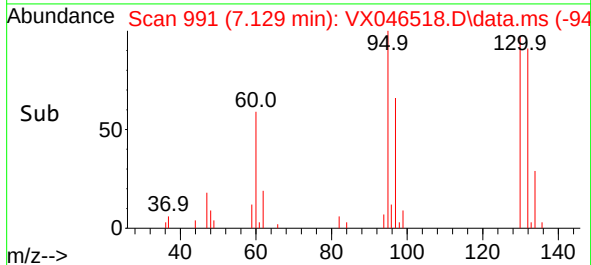
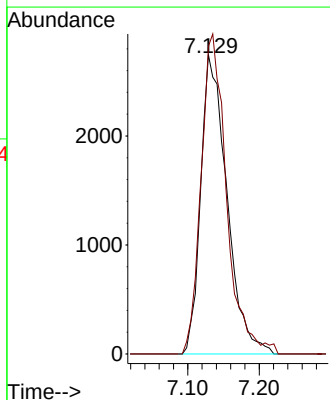
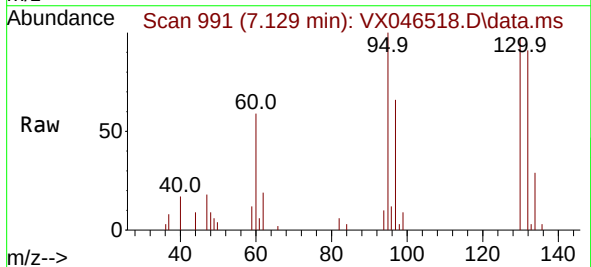
Manual Integrations
APPROVED

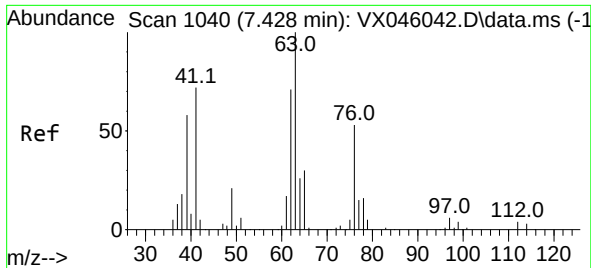
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 5.121 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion:130 Resp: 6978
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.2





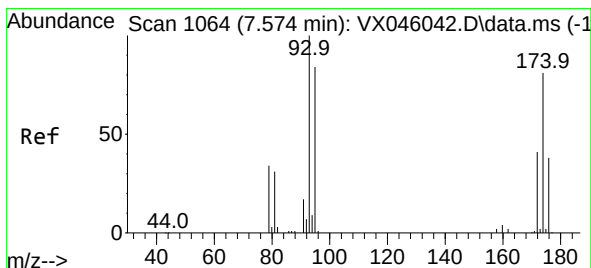
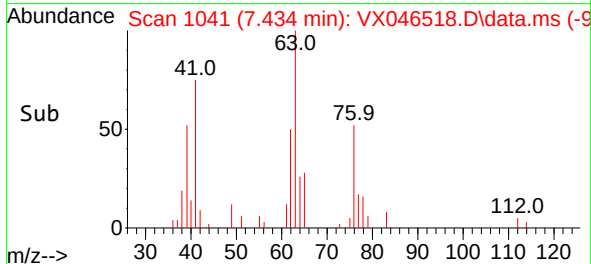
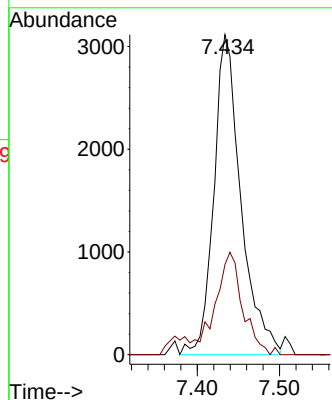
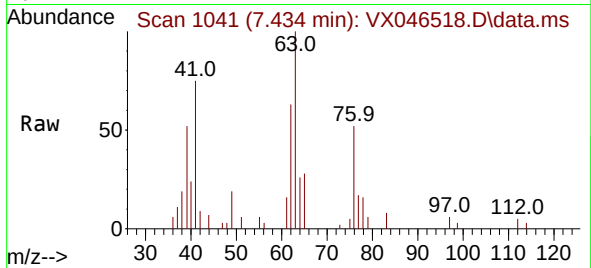
#45
1,2-Dichloropropane
Concen: 5.152 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 713
Ion Ratio Lower Upper
63 100
65 28.2 24.1 36.1

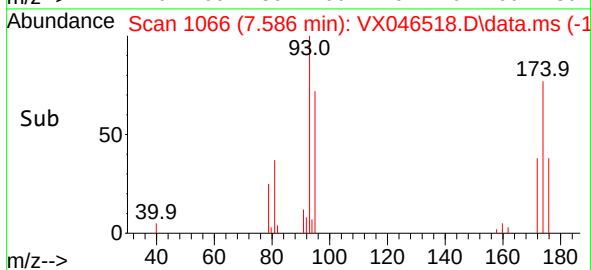
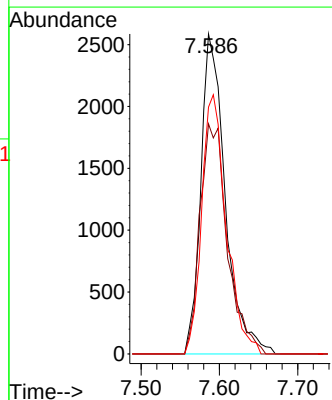
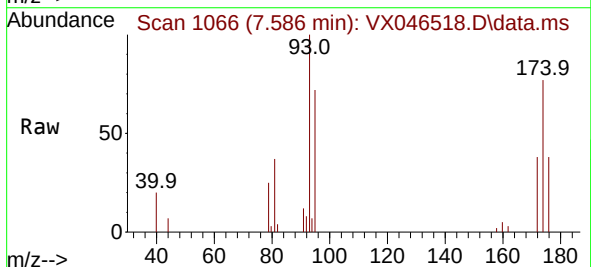
Manual Integrations
APPROVED

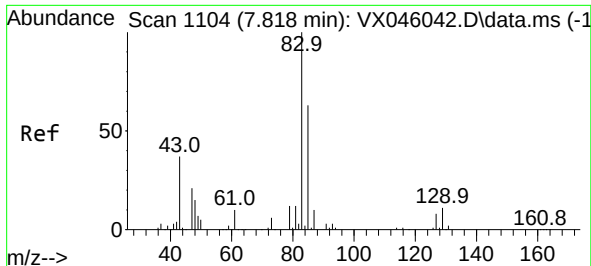
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#46
Dibromomethane
Concen: 5.366 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

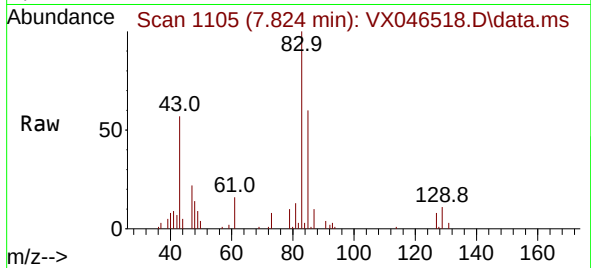
Tgt Ion: 93 Resp: 5588
Ion Ratio Lower Upper
93 100
95 80.4 65.6 98.4
174 81.8 68.2 102.2





#47
Bromodichloromethane
Concen: 4.915 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

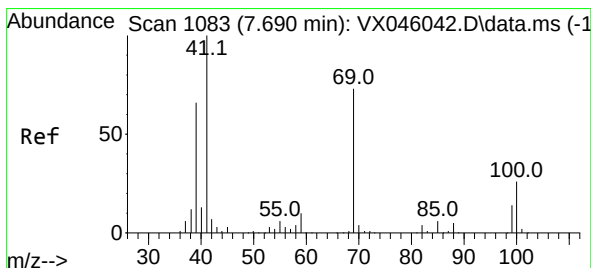
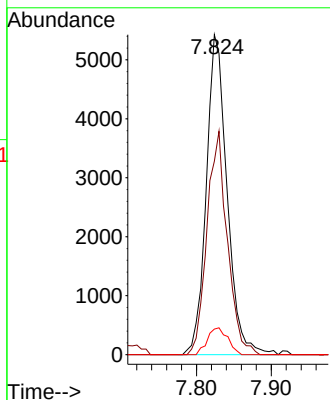
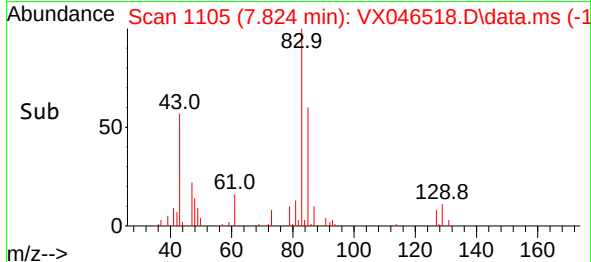
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



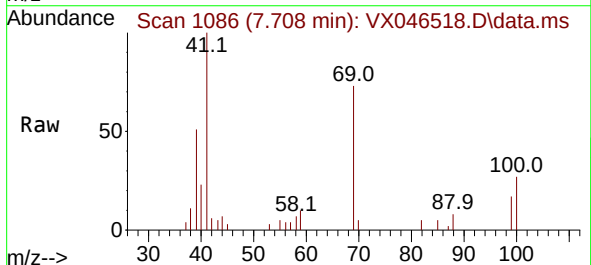
Tgt Ion: 83 Resp: 10524
Ion Ratio Lower Upper
83 100
85 60.4 50.5 75.7
127 8.0 6.5 9.7

Manual Integrations
APPROVED

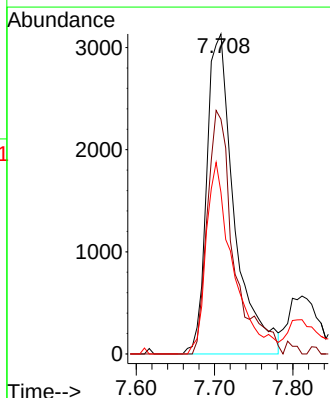
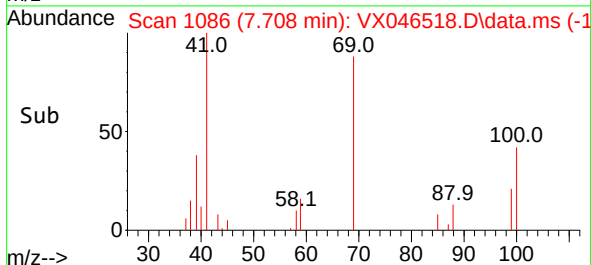
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

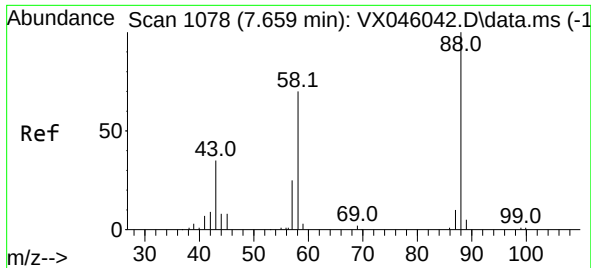


#48
Methyl methacrylate
Concen: 4.595 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



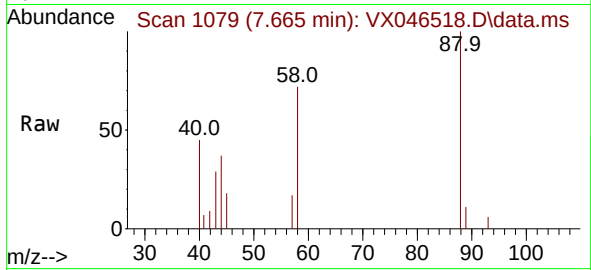
Tgt Ion: 41 Resp: 7663
Ion Ratio Lower Upper
41 100
69 73.0 58.5 87.7
39 58.9 51.7 77.5





#49
1,4-Dioxane
Concen: 99.585 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

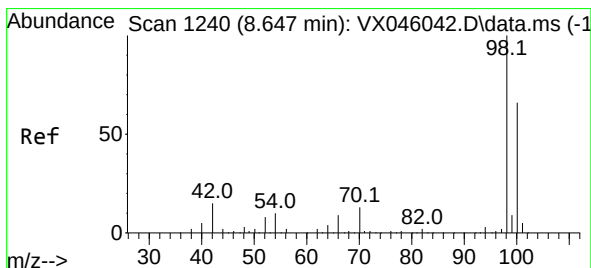
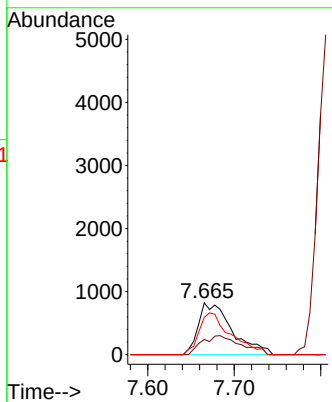
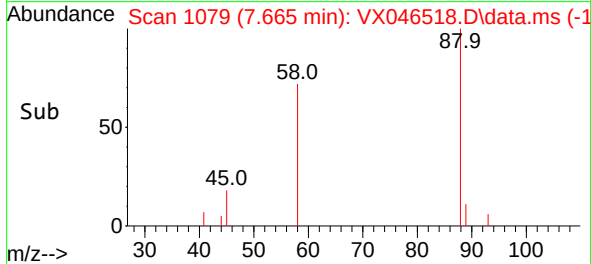
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 222
Ion Ratio Lower Upper
88 100
43 42.8 33.4 50.2
58 75.7 58.6 88.0

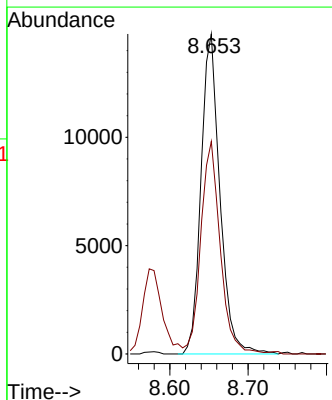
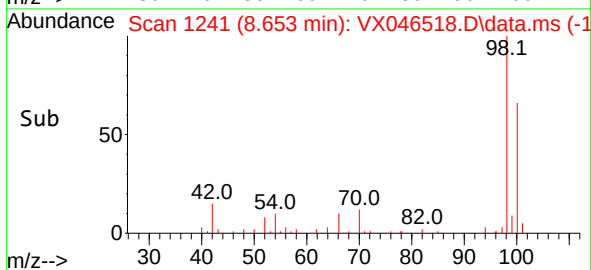
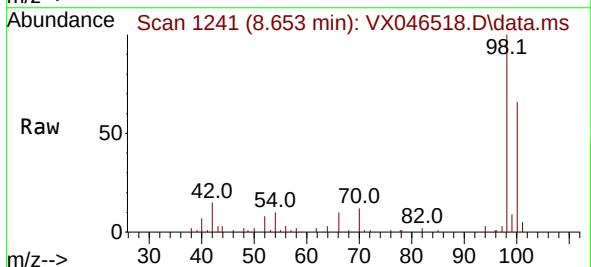
Manual Integrations
APPROVED

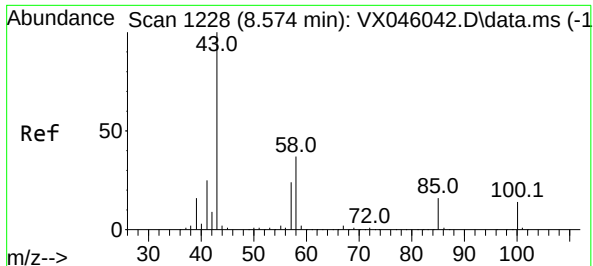
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#50
Toluene-d8
Concen: 5.618 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 98 Resp: 24704
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3





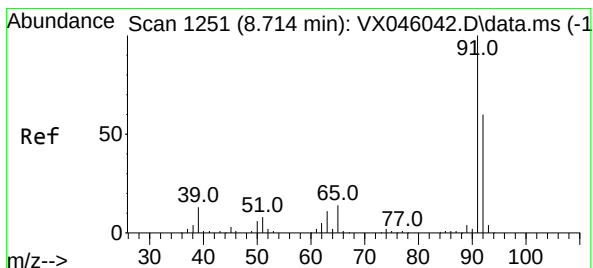
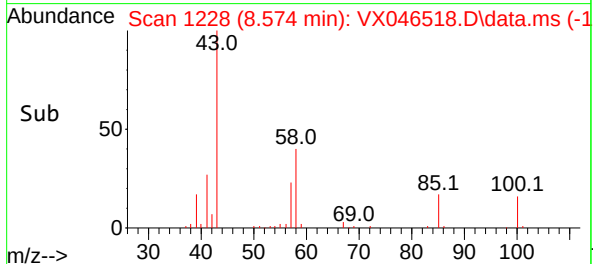
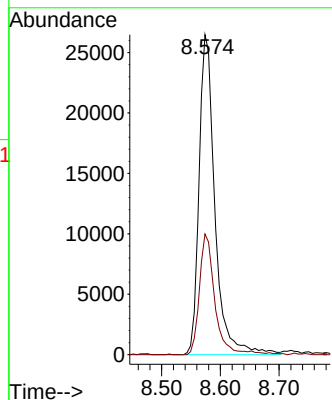
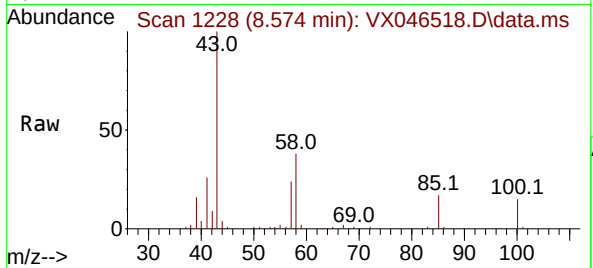
#51
4-Methyl-2-Pentanone
Concen: 24.133 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 49709
Ion Ratio Lower Upper
43 100
58 37.0 28.9 43.3

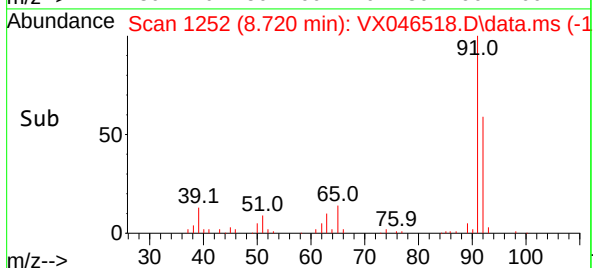
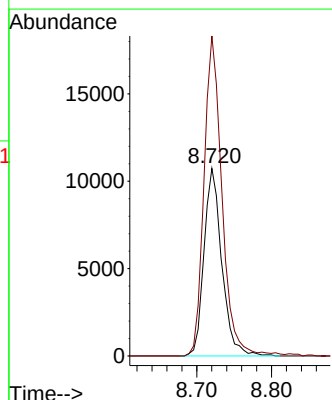
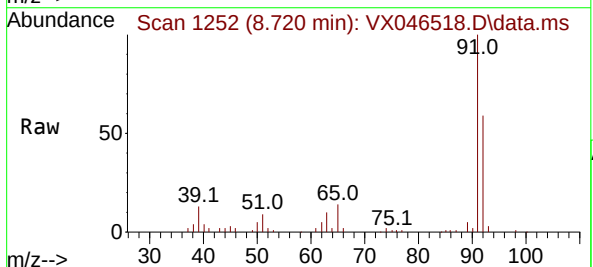
Manual Integrations
APPROVED

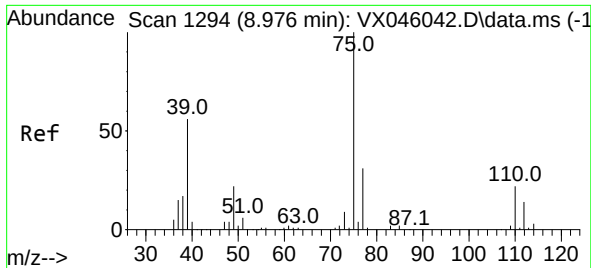
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#52
Toluene
Concen: 5.394 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 92 Resp: 17773
Ion Ratio Lower Upper
92 100
91 172.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 4.429 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 850

Ion Ratio Lower Upper

75 100

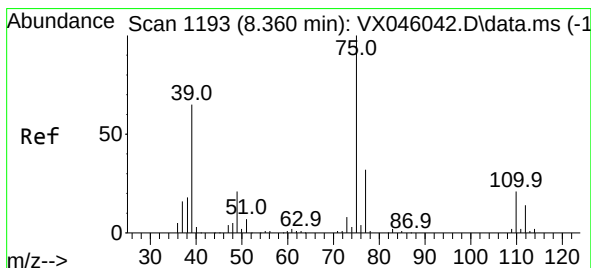
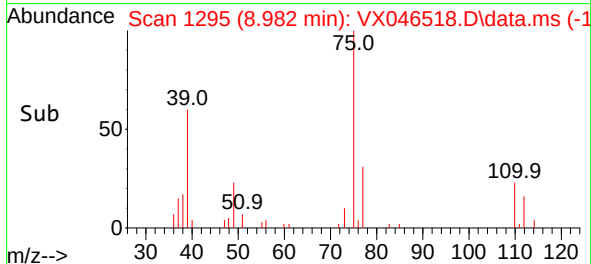
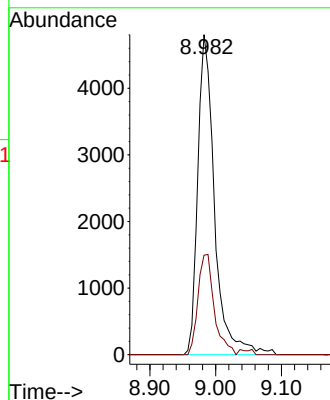
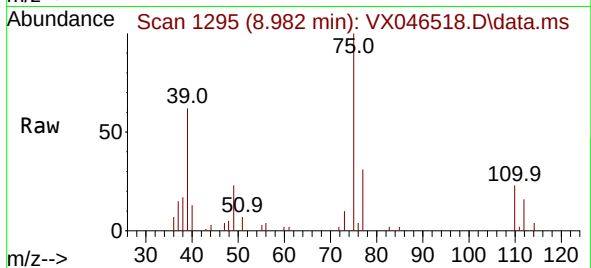
77 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#54

cis-1,3-Dichloropropene

Concen: 4.817 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

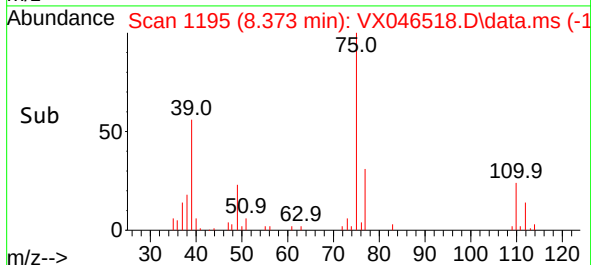
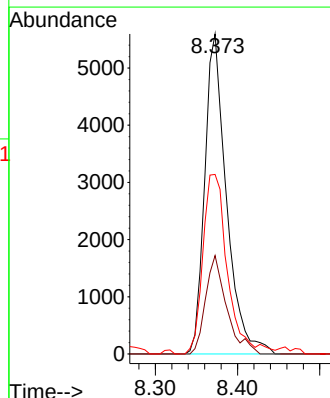
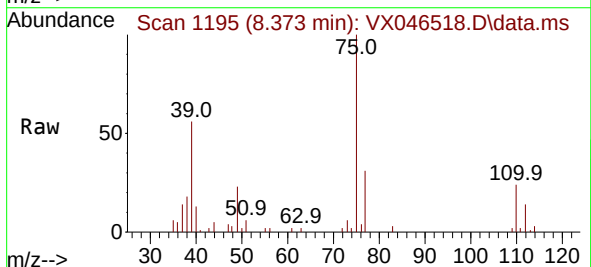
Tgt Ion: 75 Resp: 10282

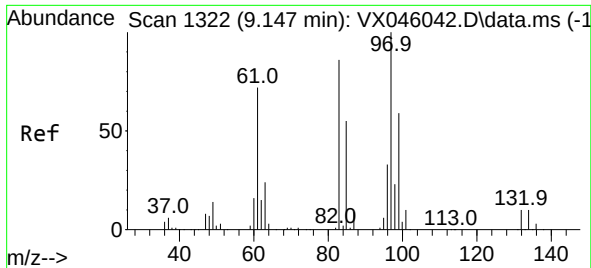
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

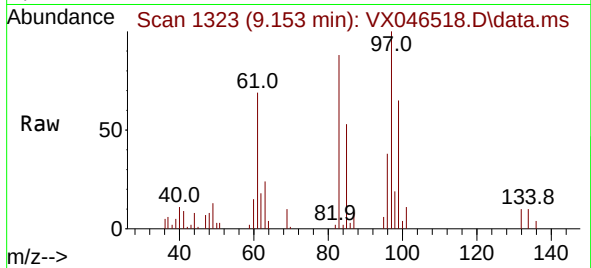
39 56.1 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 5.136 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

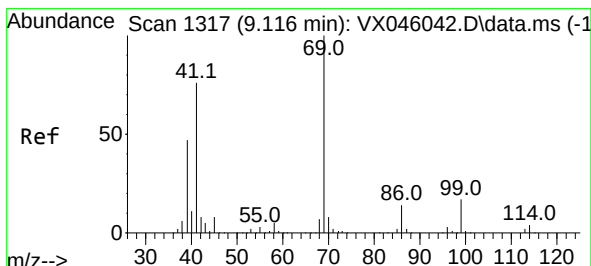
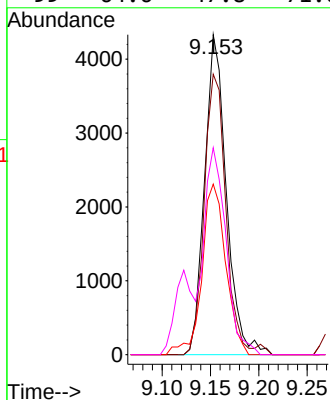
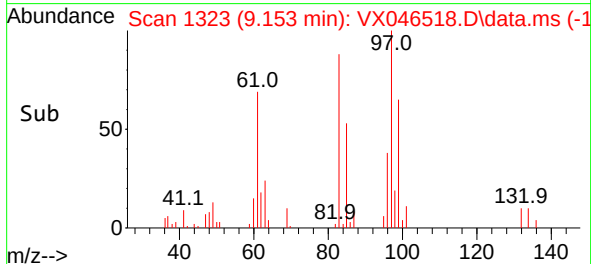
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



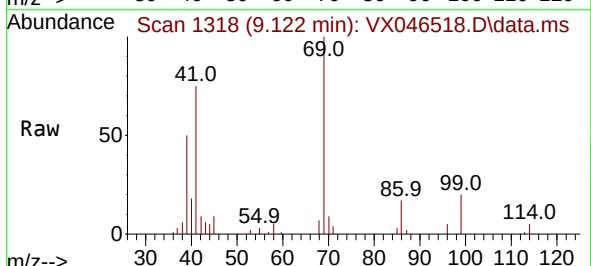
Tgt Ion: 97 Resp: 6794
Ion Ratio Lower Upper
97 100
83 87.7 69.0 103.6
85 53.3 44.3 66.5
99 64.6 47.8 71.6

Manual Integrations
APPROVED

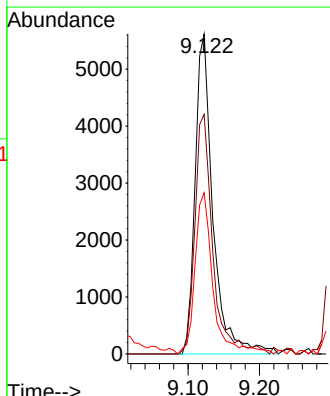
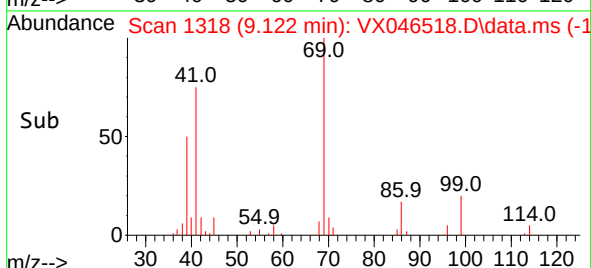
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

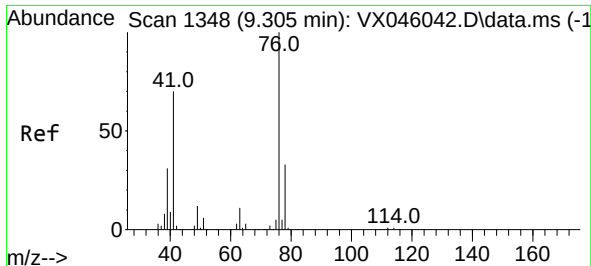


#56
Ethyl methacrylate
Concen: 4.777 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



Tgt Ion: 69 Resp: 9723
Ion Ratio Lower Upper
69 100
41 73.6 60.8 91.2
39 50.6 39.0 58.6





#57

1,3-Dichloropropane

Concen: 5.148 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1203

Ion Ratio Lower Upper

76 100

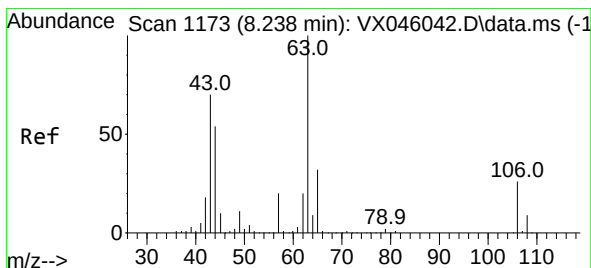
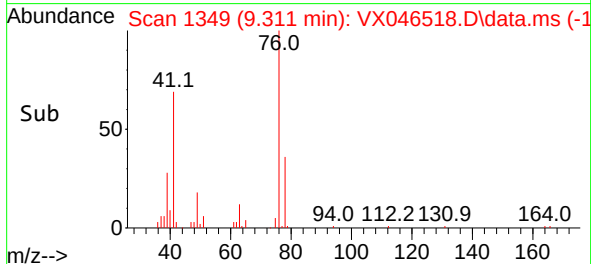
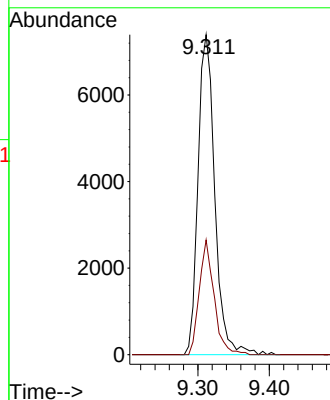
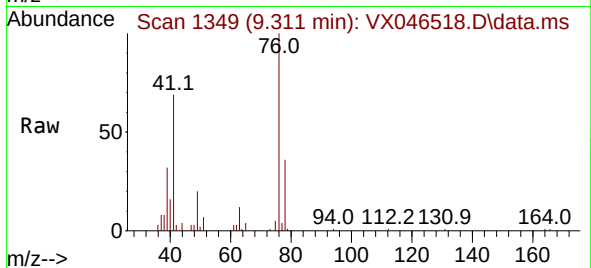
78 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 24.645 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046518.D

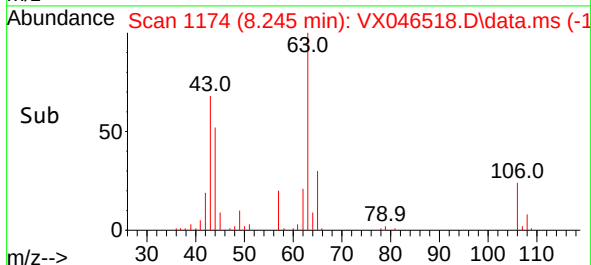
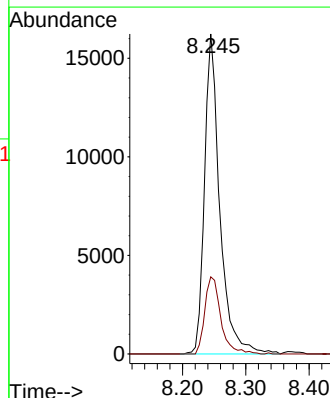
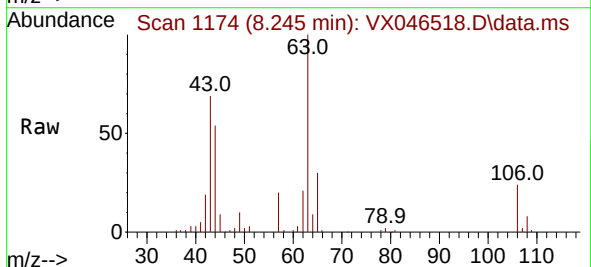
Acq: 06 Jun 2025 09:42

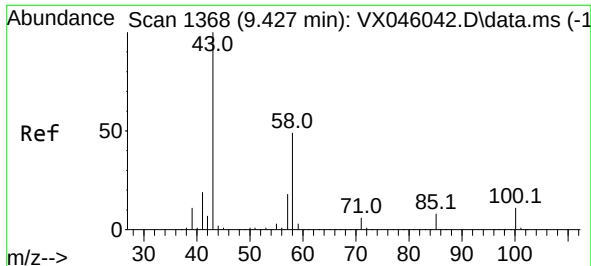
Tgt Ion: 63 Resp: 27324

Ion Ratio Lower Upper

63 100

106 25.2 21.5 32.3





#59

2-Hexanone

Concen: 23.102 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX046518.D

Acq: 06 Jun 2025 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 34128

Ion Ratio Lower Upper

43 100

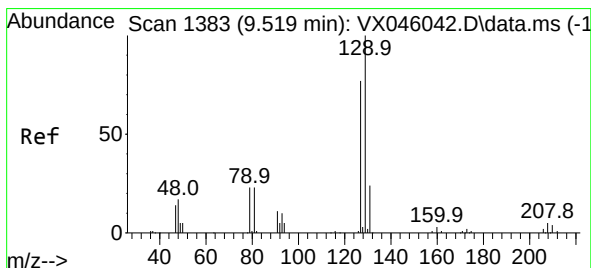
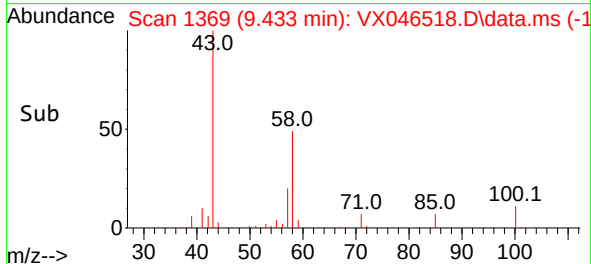
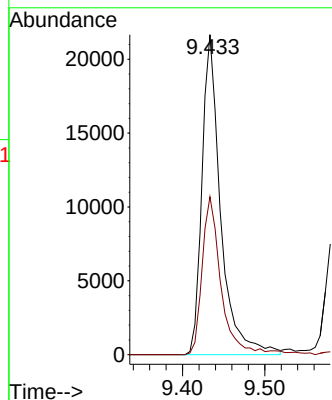
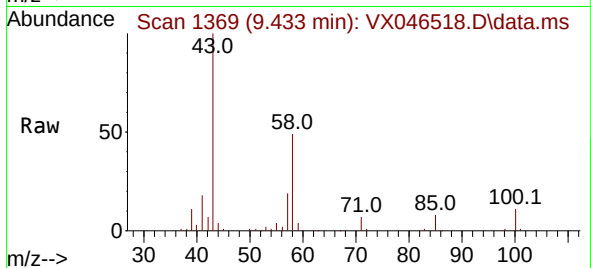
58 50.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#60

Dibromochloromethane

Concen: 5.018 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX046518.D

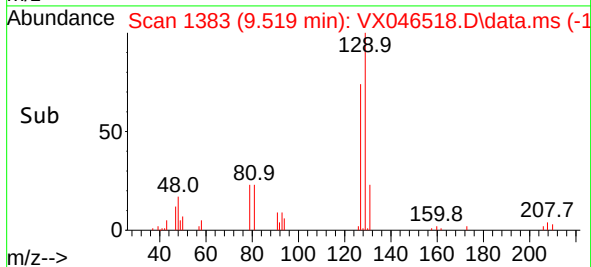
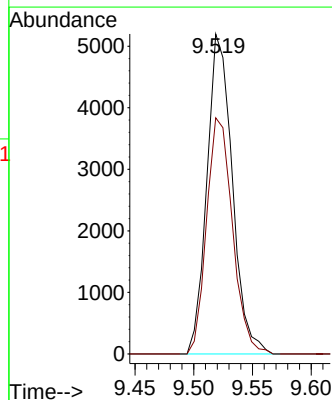
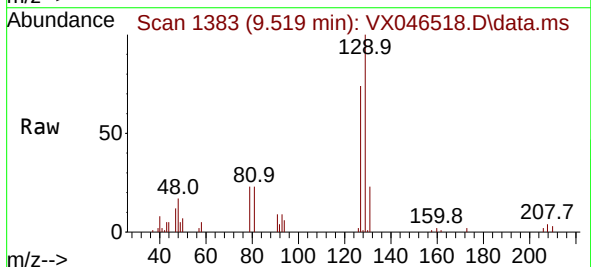
Acq: 06 Jun 2025 09:42

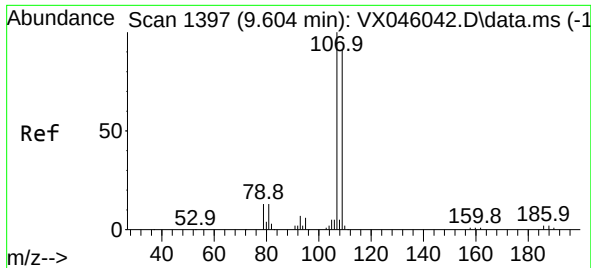
Tgt Ion:129 Resp: 7808

Ion Ratio Lower Upper

129 100

127 75.4 39.3 117.8





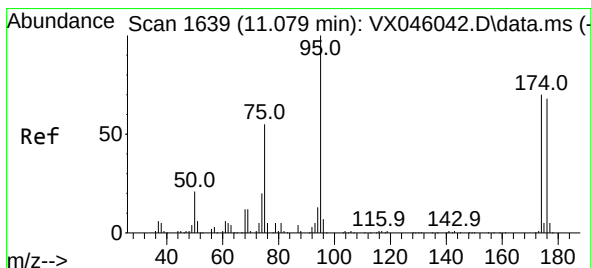
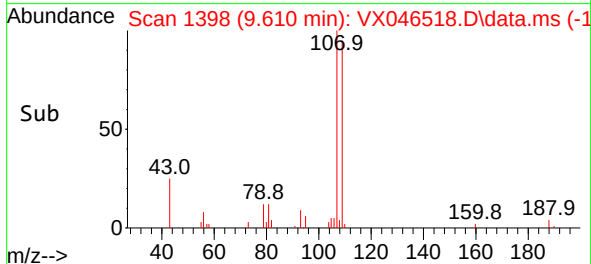
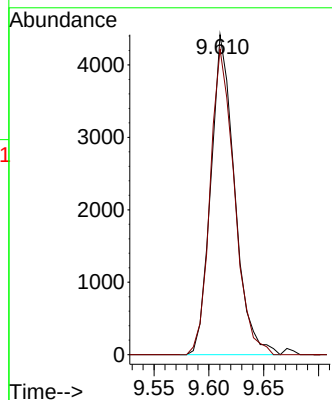
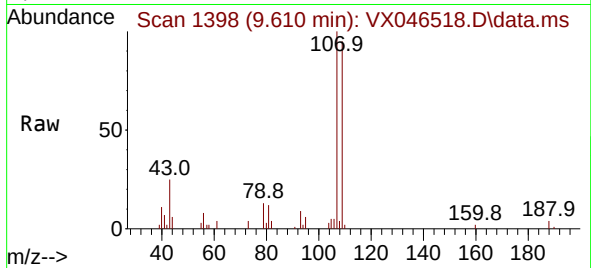
#61
1,2-Dibromoethane
Concen: 4.833 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 666
Ion Ratio Lower Upper
107 100
109 97.5 73.3 109.9

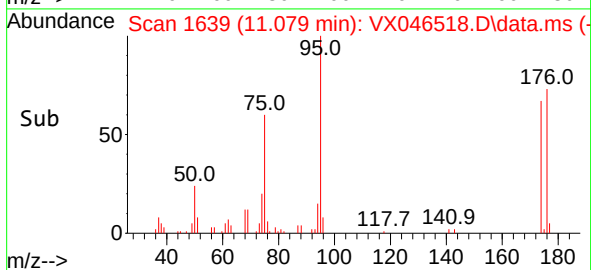
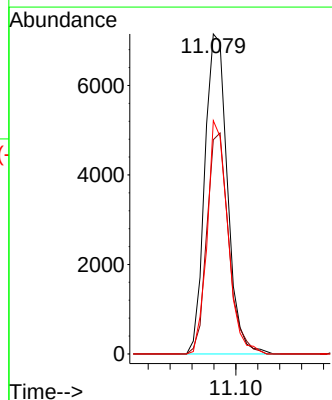
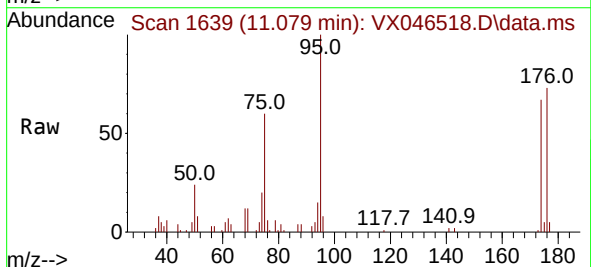
Manual Integrations
APPROVED

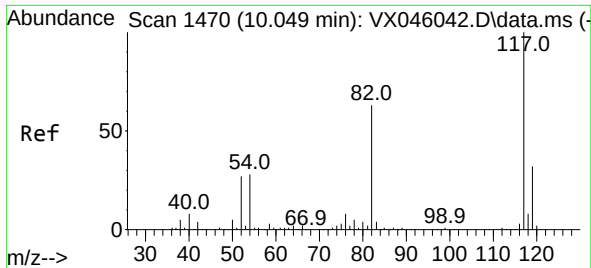
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 5.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion: 95 Resp: 10224
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 66.3 0.0 131.4





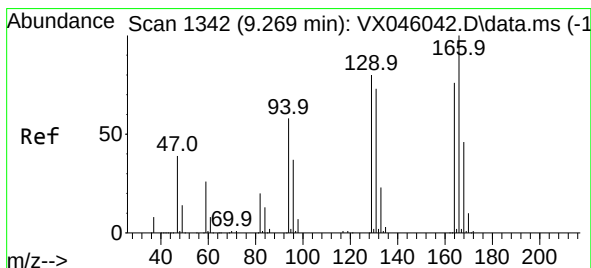
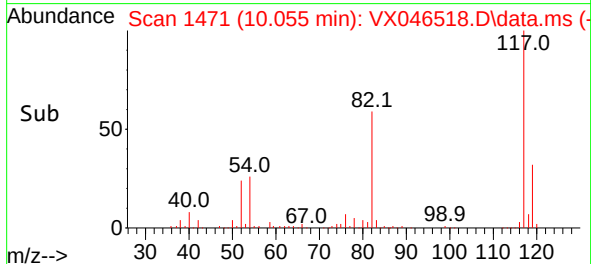
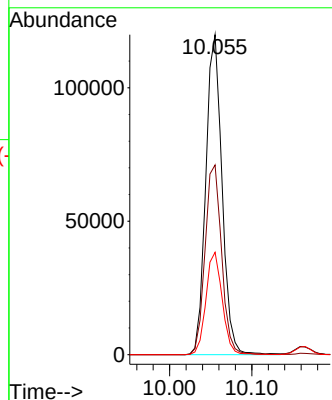
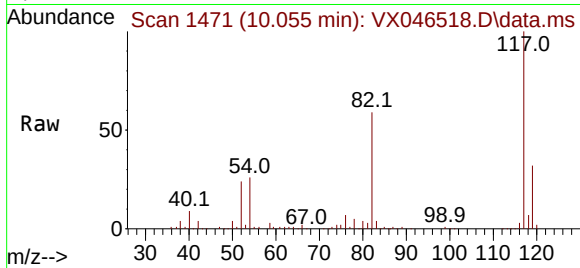
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 164490
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 32.0 25.8 38.6

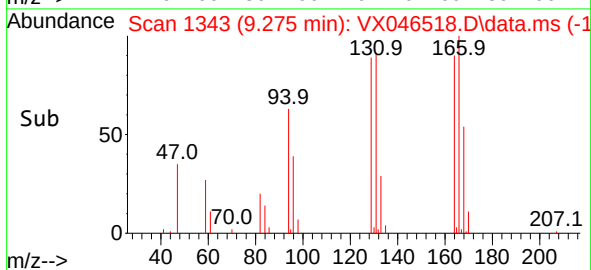
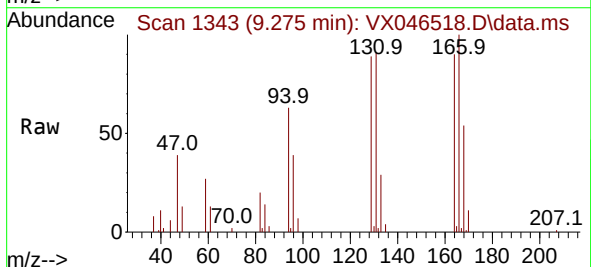
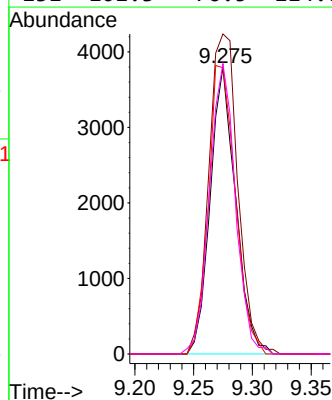
Manual Integrations
APPROVED

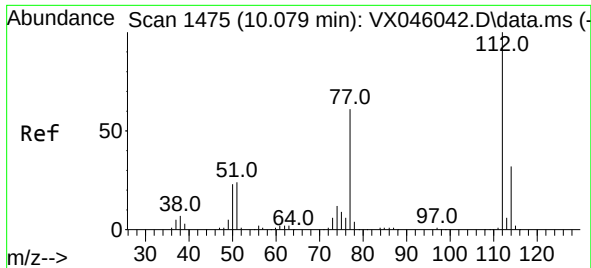
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#64
Tetrachloroethene
Concen: 5.186 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion:164 Resp: 5704
Ion Ratio Lower Upper
164 100
166 111.7 105.0 157.6
129 99.9 83.5 125.3
131 101.3 76.5 114.7





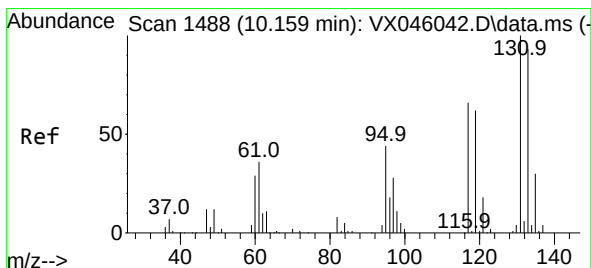
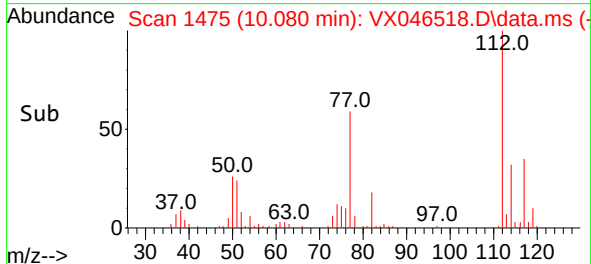
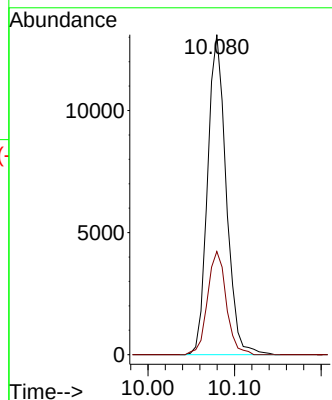
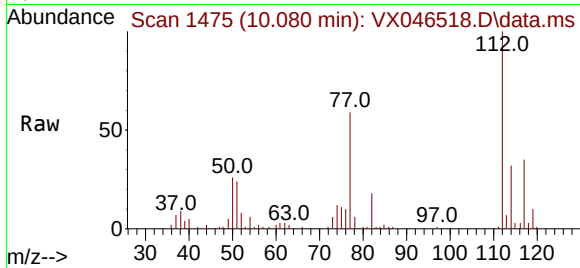
#65
Chlorobenzene
Concen: 5.048 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 19529
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

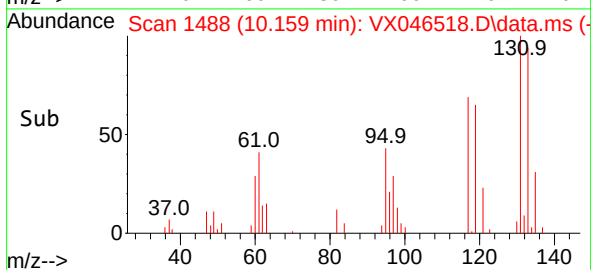
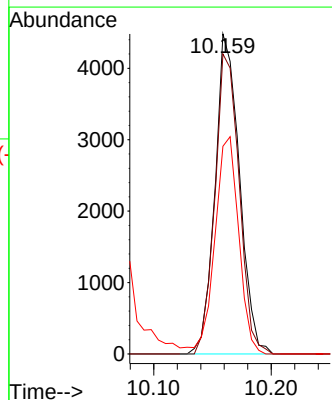
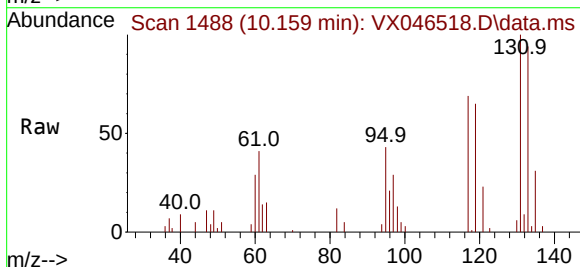
Manual Integrations
APPROVED

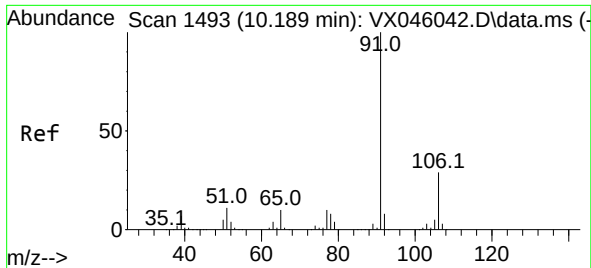
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.963 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion:131 Resp: 6488
Ion Ratio Lower Upper
131 100
133 93.0 47.3 141.9
119 65.5 31.6 95.0





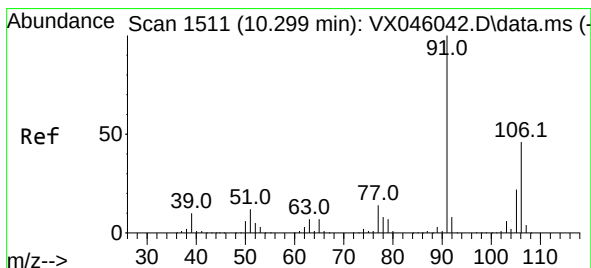
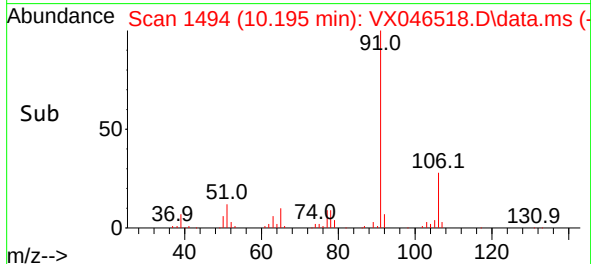
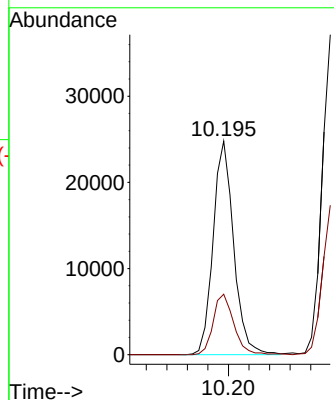
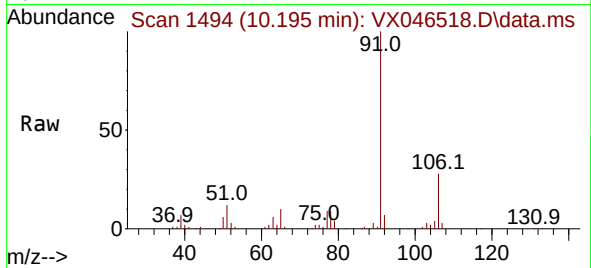
#67
Ethyl Benzene
Concen: 5.098 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 34429
Ion Ratio Lower Upper
91 100
106 28.3 23.4 35.2

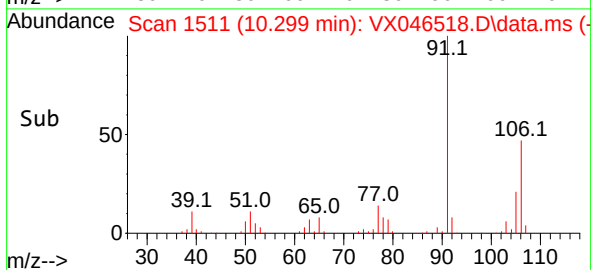
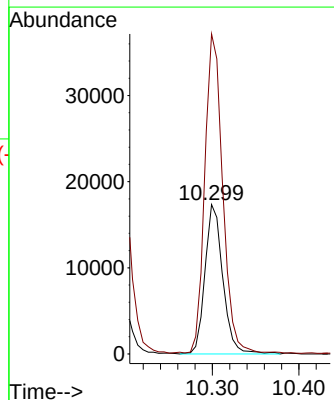
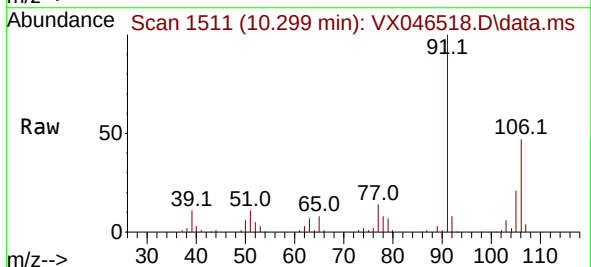
Manual Integrations
APPROVED

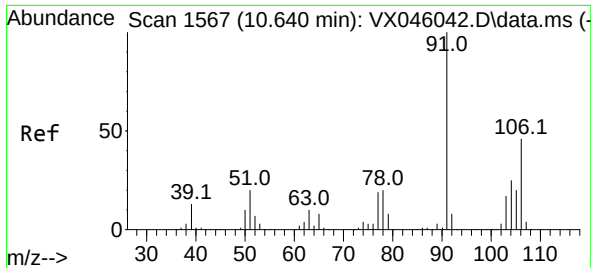
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#68
m/p-Xylenes
Concen: 10.146 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion:106 Resp: 24857
Ion Ratio Lower Upper
106 100
91 215.2 171.2 256.8





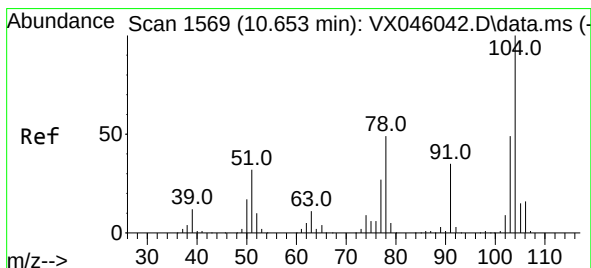
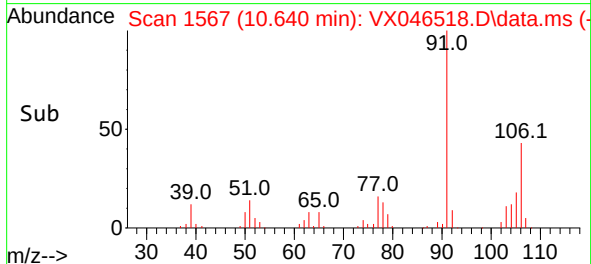
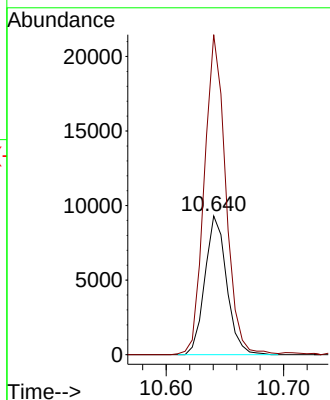
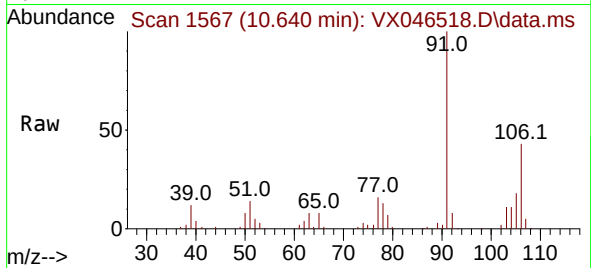
#69
o-Xylene
Concen: 5.054 ug/l
RT: 10.640 min Scan# 11970
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 11970
Ion Ratio Lower Upper
106 100
91 226.9 112.7 338.1

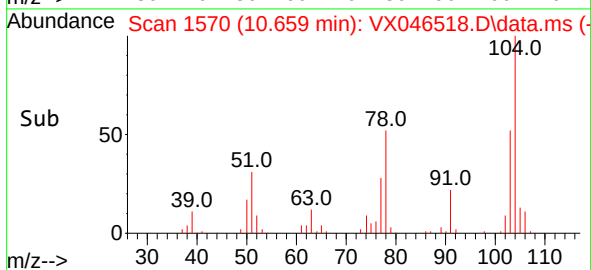
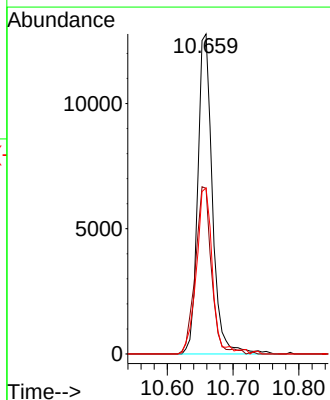
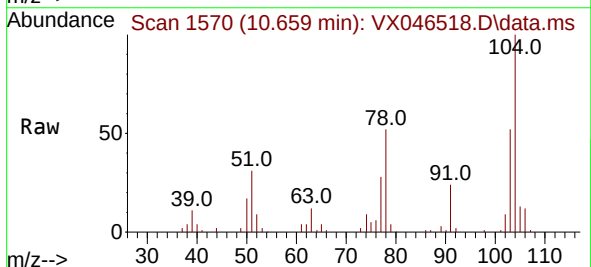
Manual Integrations
APPROVED

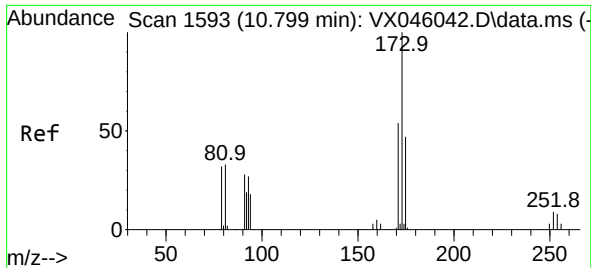
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 4.888 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

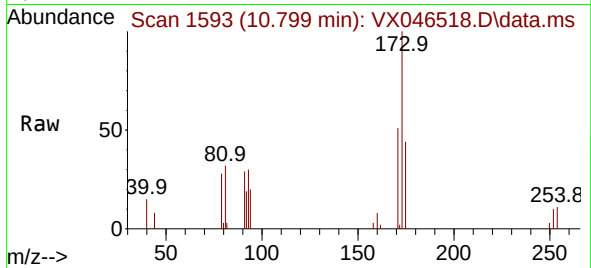
Tgt Ion:104 Resp: 19826
Ion Ratio Lower Upper
104 100
78 57.5 45.7 68.5
103 56.7 43.7 65.5





#71
Bromoform
Concen: 4.432 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

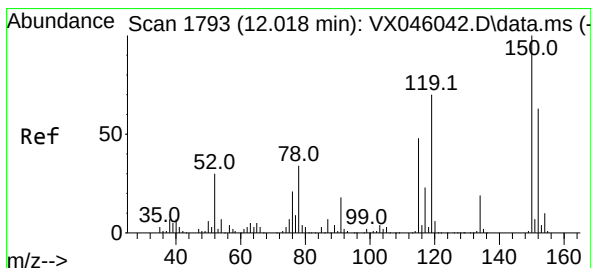
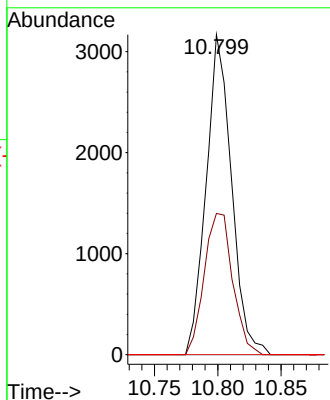
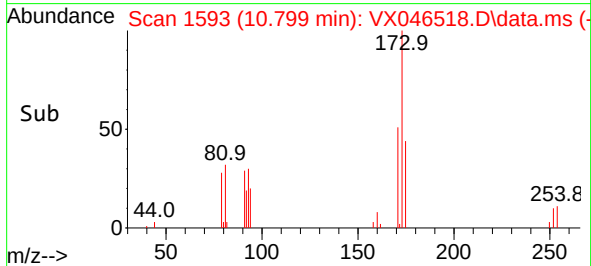
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 4418
Ion Ratio Lower Upper
173 100
175 49.5 23.4 70.0
254 0.0 0.0 0.0

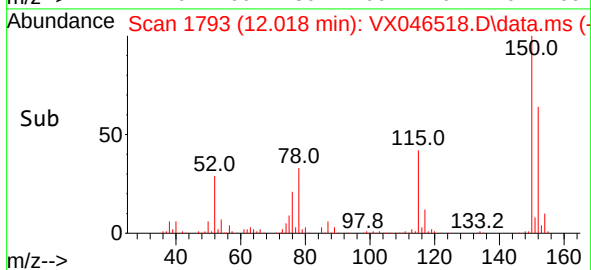
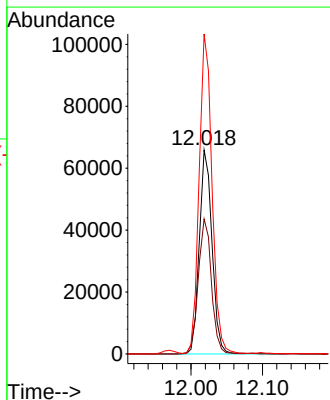
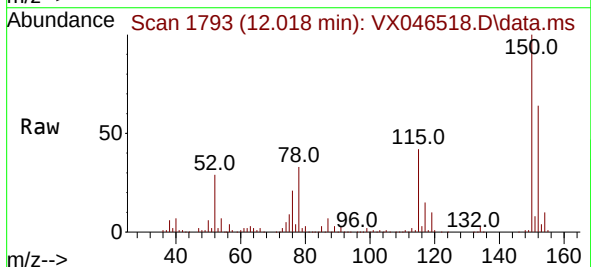
Manual Integrations
APPROVED

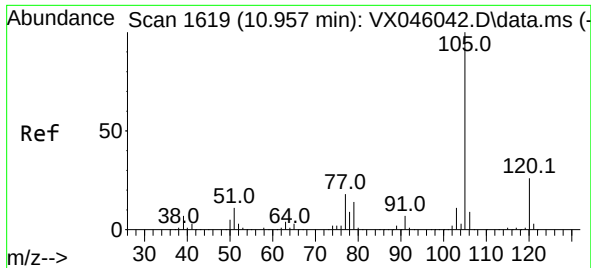
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Tgt Ion:152 Resp: 81515
Ion Ratio Lower Upper
152 100
115 68.3 46.9 140.7
150 157.5 0.0 351.0





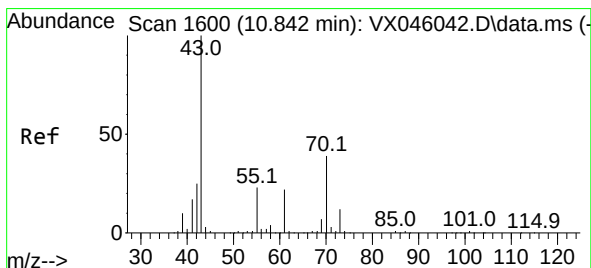
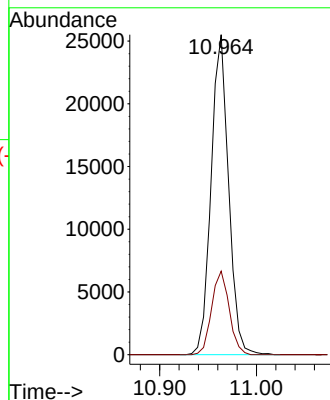
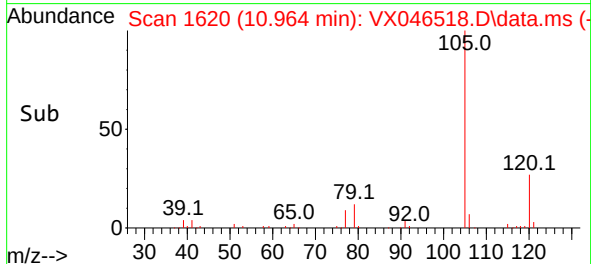
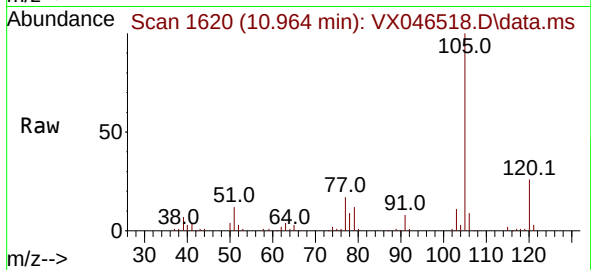
#73
Isopropylbenzene
Concen: 5.007 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3208
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

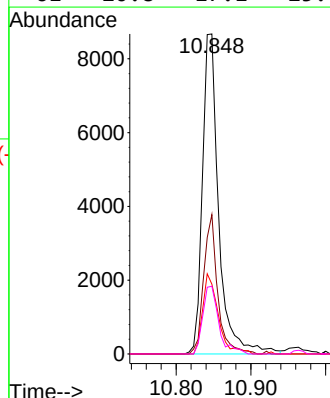
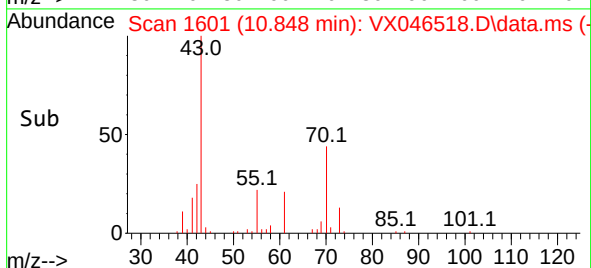
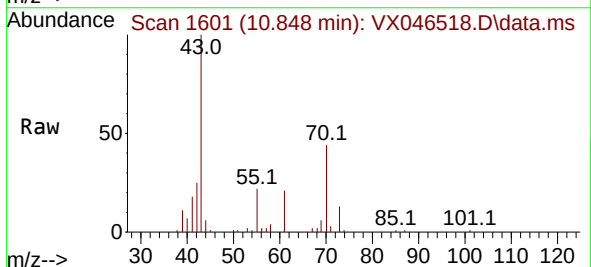
Manual Integrations
APPROVED

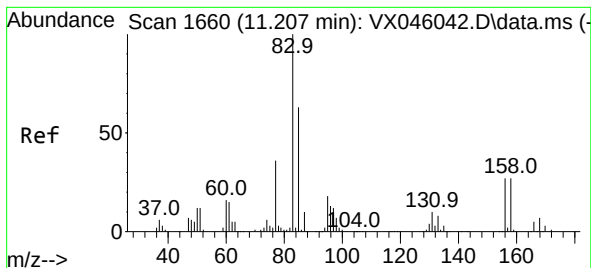
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#74
N-ethyl acetate
Concen: 4.658 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

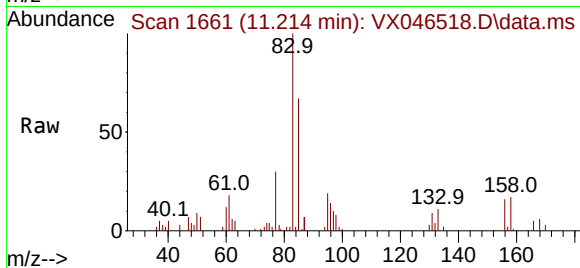
Tgt Ion: 43 Resp: 13145
Ion Ratio Lower Upper
43 100
70 37.3 30.9 46.3
55 23.9 18.7 28.1
61 20.8 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.144 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

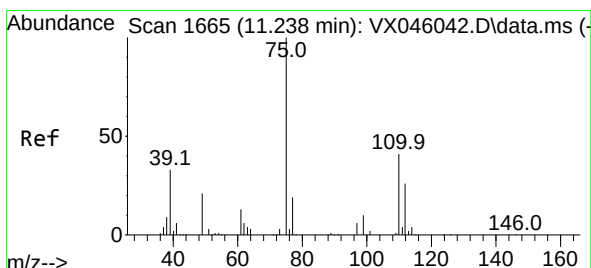
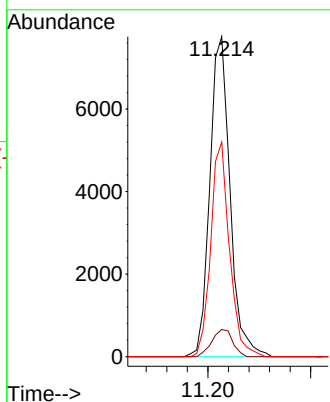
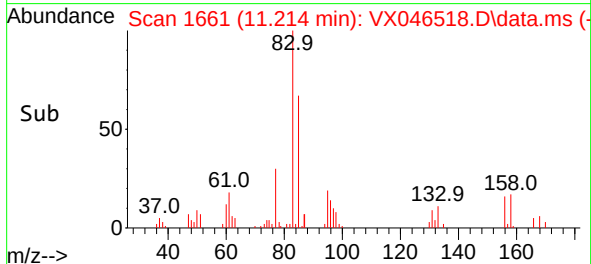
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 1055
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 62.2 31.9 95.7

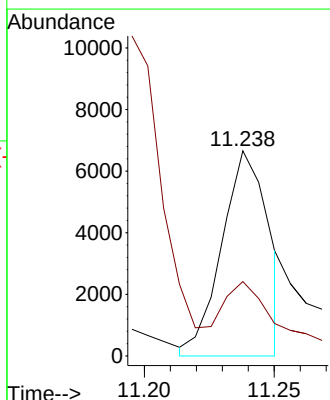
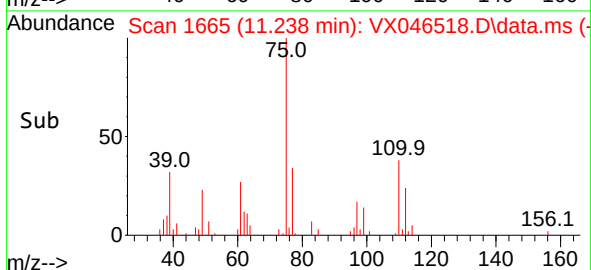
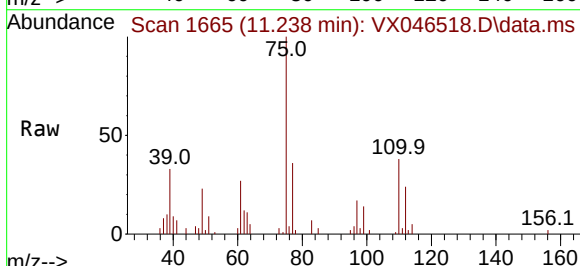
Manual Integrations
APPROVED

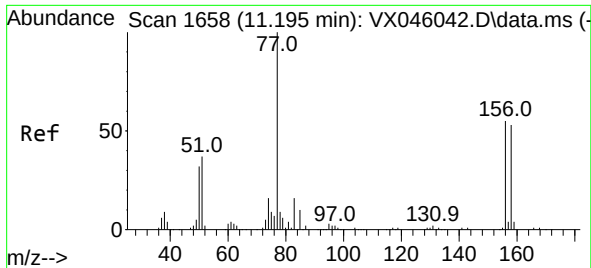
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#76
1,2,3-Trichloropropane
Concen: 4.746 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

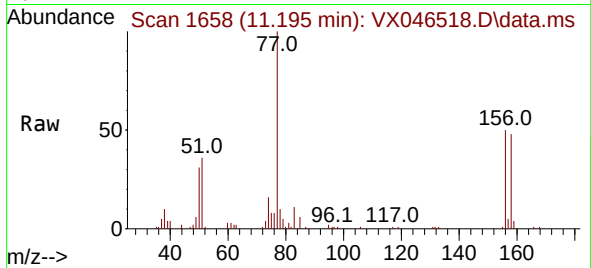
Tgt Ion: 75 Resp: 8330
Ion Ratio Lower Upper
75 100
77 42.3 20.5 61.5





#77
Bromobenzene
Concen: 4.953 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

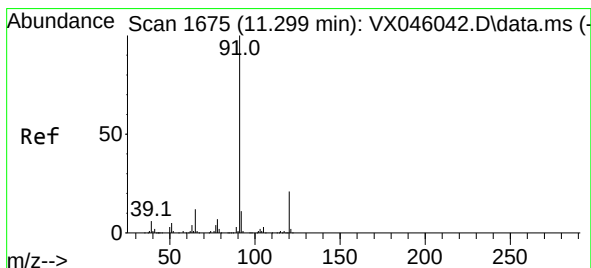
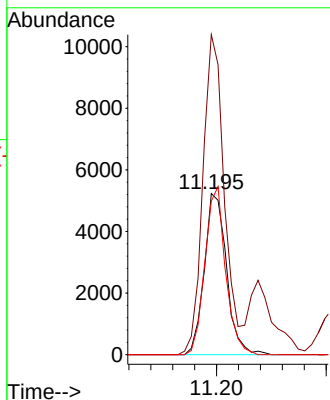
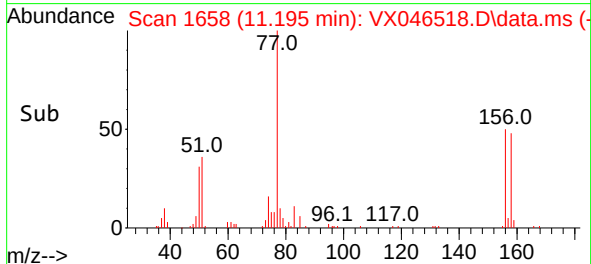
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



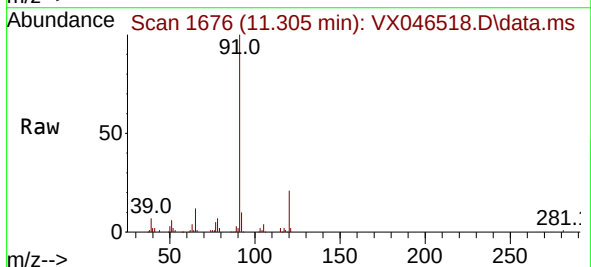
Tgt Ion: 156 Resp: 736
Ion Ratio Lower Upper
156 100
77 189.0 92.8 278.3
158 96.7 48.8 146.3

Manual Integrations
APPROVED

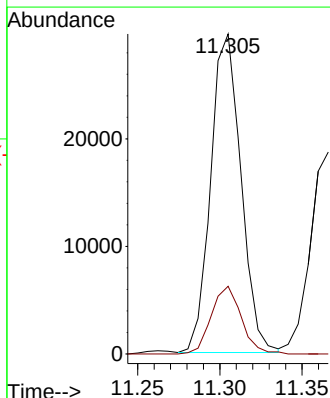
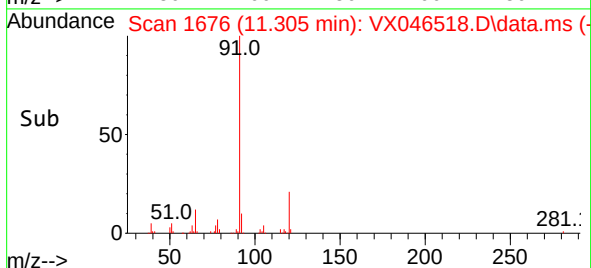
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

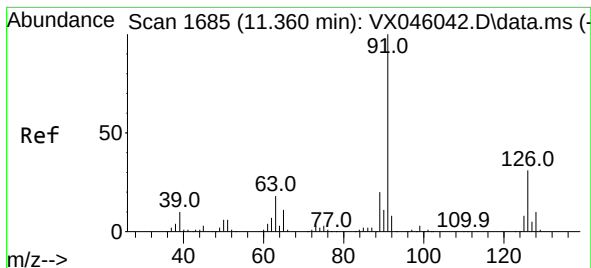


#78
n-propylbenzene
Concen: 4.896 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



Tgt Ion: 91 Resp: 37974
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4





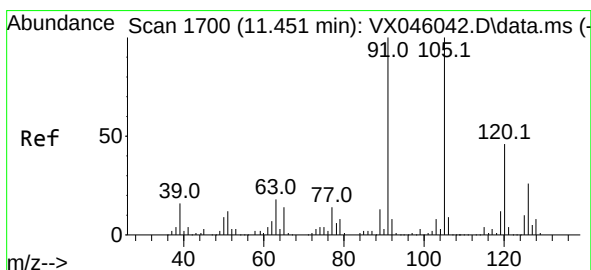
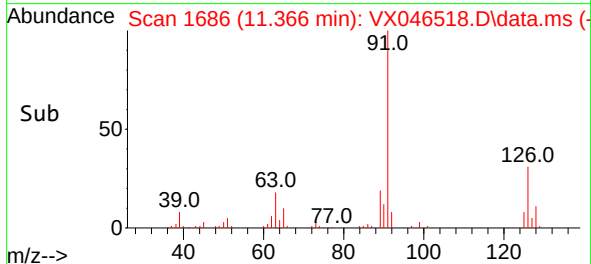
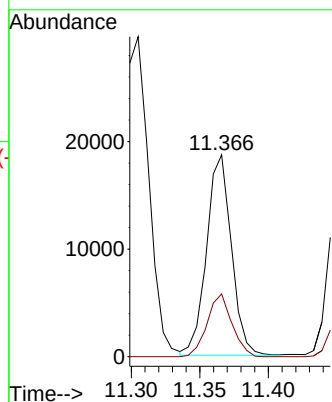
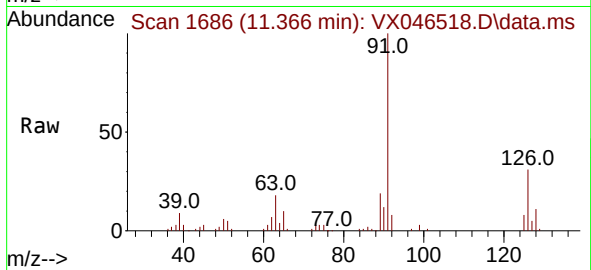
#79
2-Chlorotoluene
Concen: 5.028 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 23514
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.7

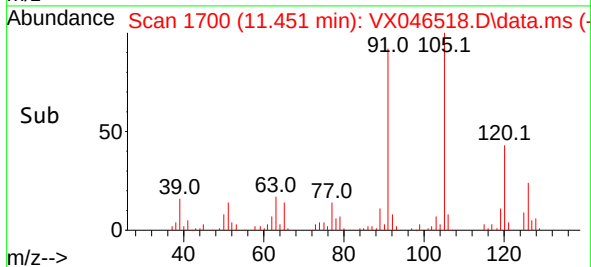
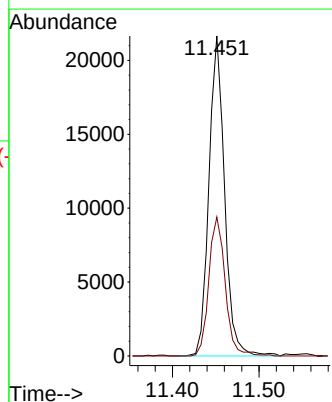
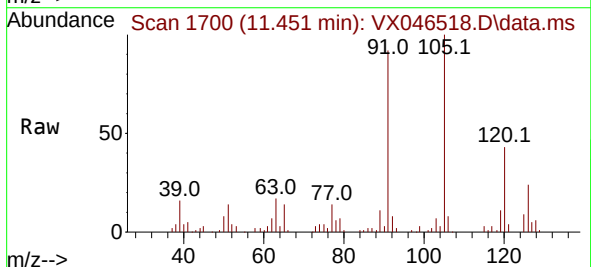
Manual Integrations
APPROVED

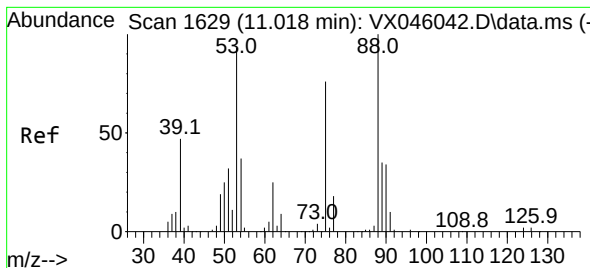
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.083 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

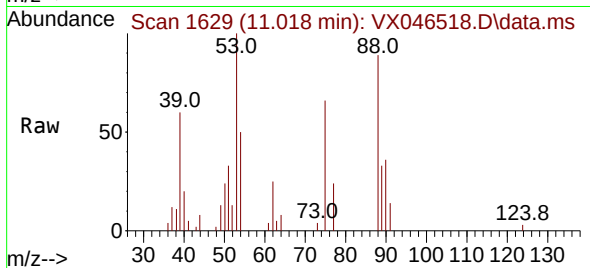
Tgt Ion:105 Resp: 27140
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.736 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

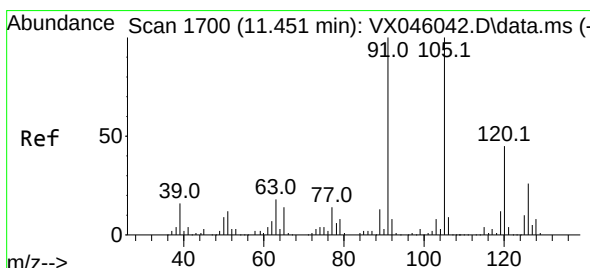
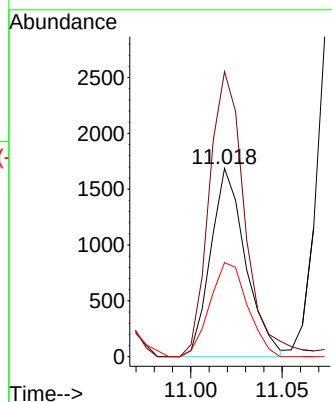
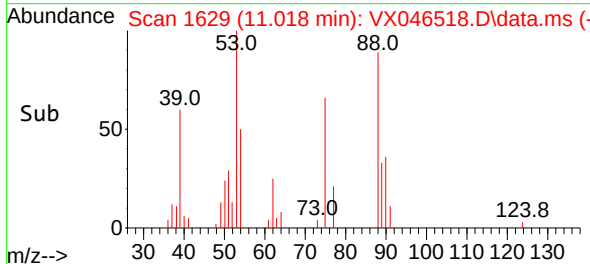
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
53 156.8 100.5 150.7
89 53.9 37.0 55.6

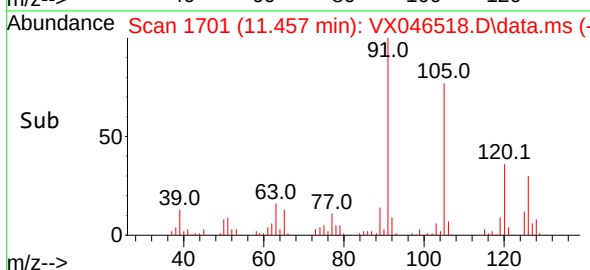
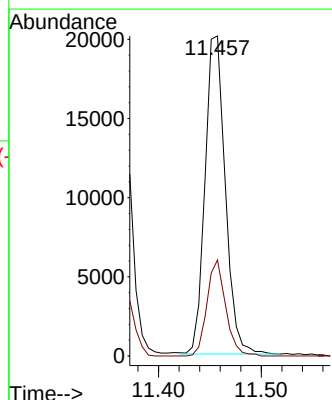
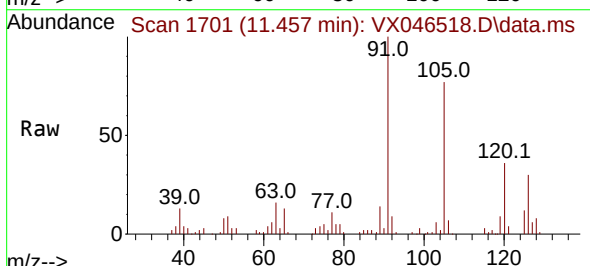
Manual Integrations
APPROVED

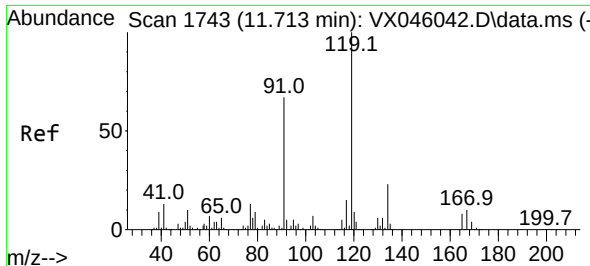
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 4.985 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

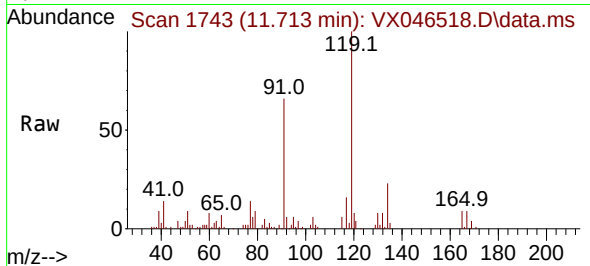
Tgt Ion: 91 Resp: 27633
Ion Ratio Lower Upper
91 100
126 27.8 13.3 39.8





#83
tert-Butylbenzene
Concen: 5.011 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

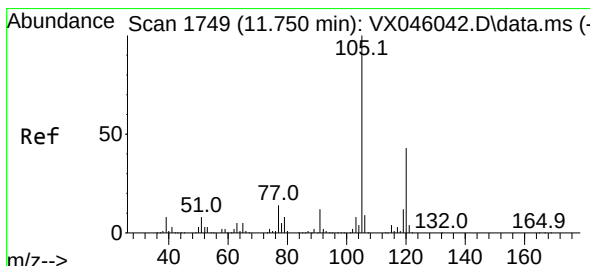
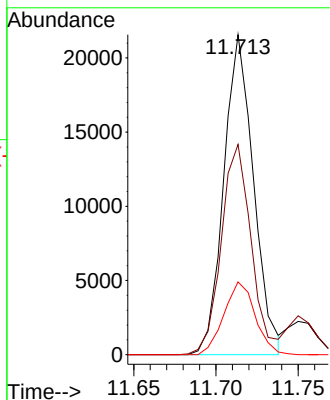
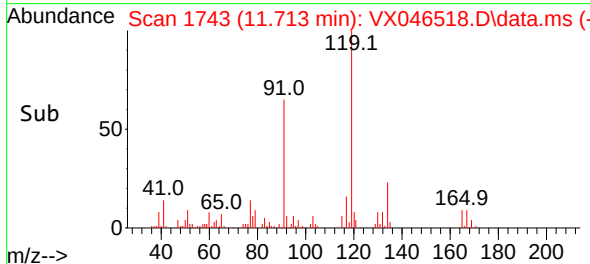
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



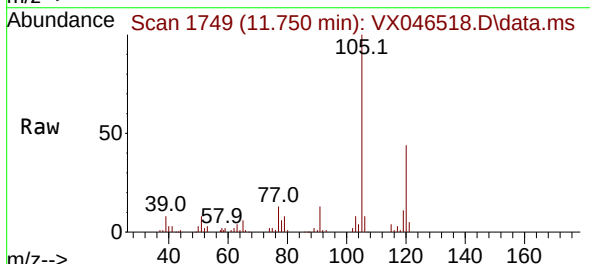
Tgt Ion:119 Resp: 27238
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.7
134 23.8 11.4 34.1

Manual Integrations
APPROVED

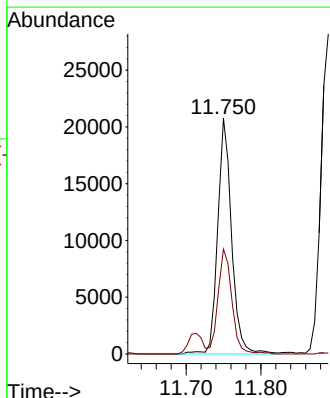
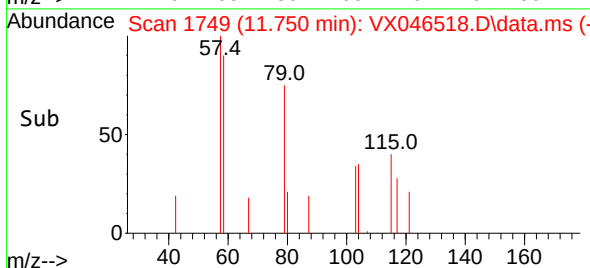
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

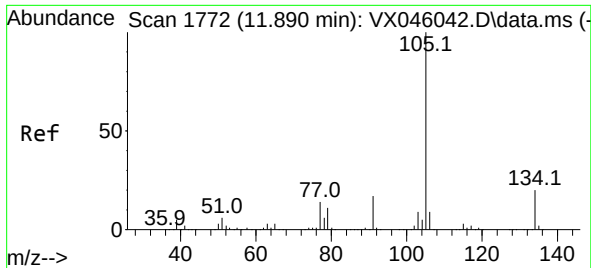


#84
1,2,4-Trimethylbenzene
Concen: 4.993 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



Tgt Ion:105 Resp: 26973
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6





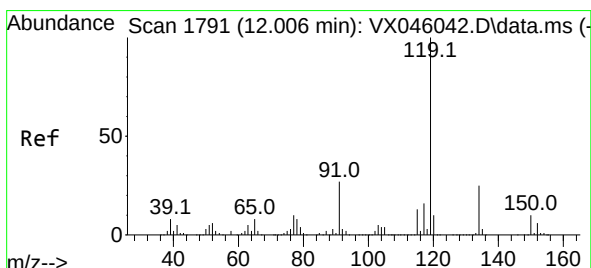
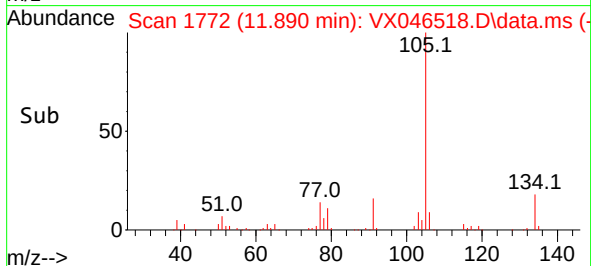
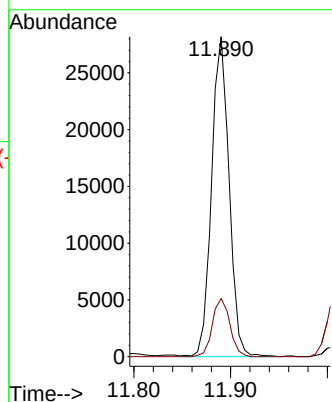
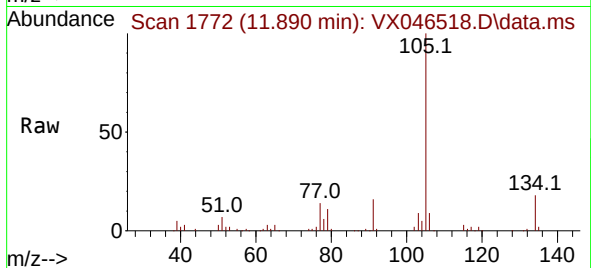
#85
 sec-Butylbenzene
 Concen: 5.077 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion:105 Resp: 3545
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.7 29.1

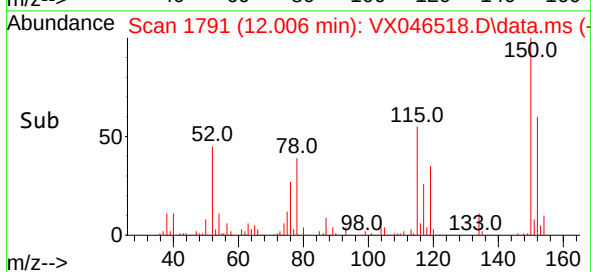
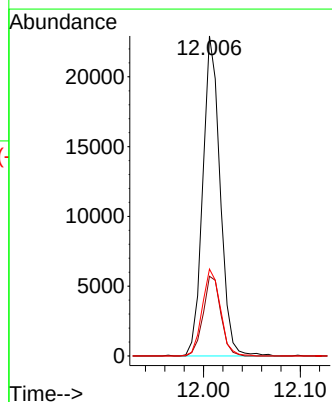
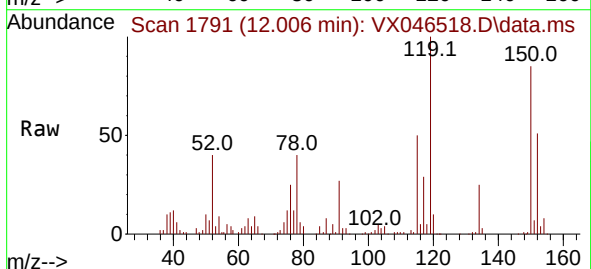
Manual Integrations
 APPROVED

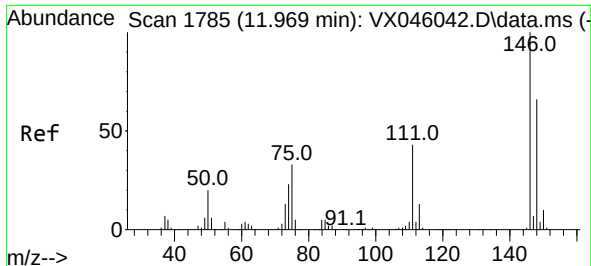
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#86
 p-Isopropyltoluene
 Concen: 4.913 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046518.D
 Acq: 06 Jun 2025 09:42

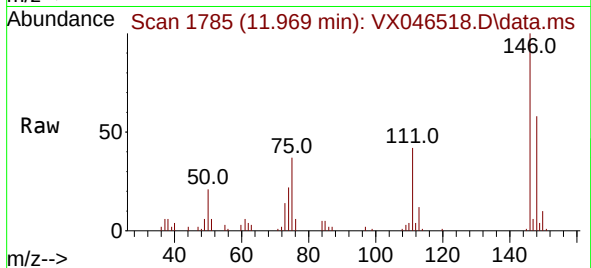
Tgt Ion:119 Resp: 28606
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 28.3 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 4.924 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

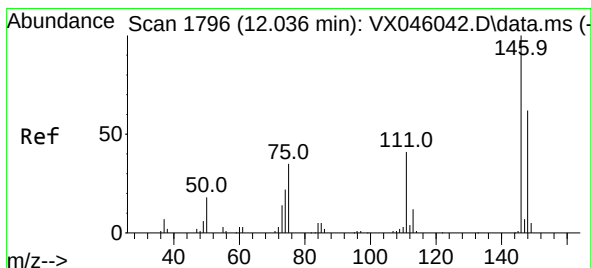
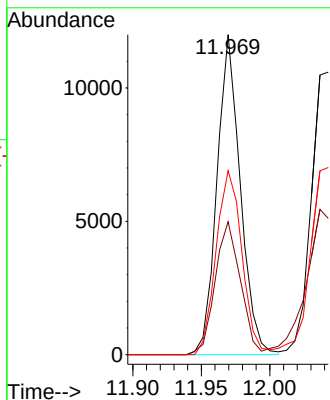
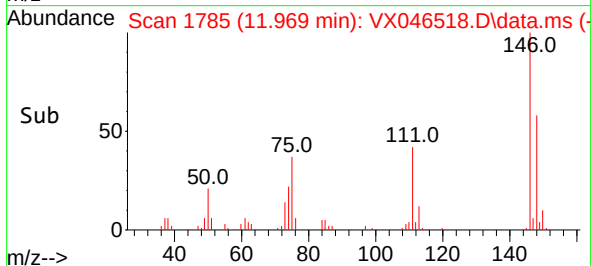
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



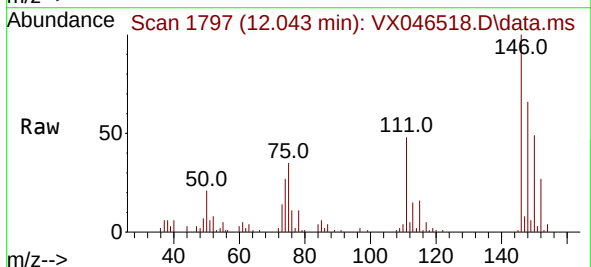
Tgt Ion:146 Resp: 1422
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

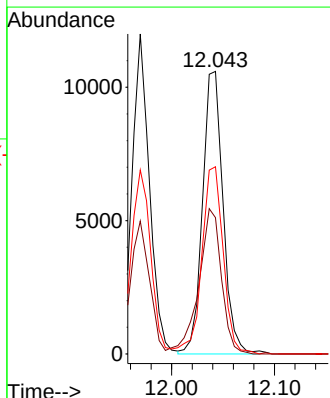
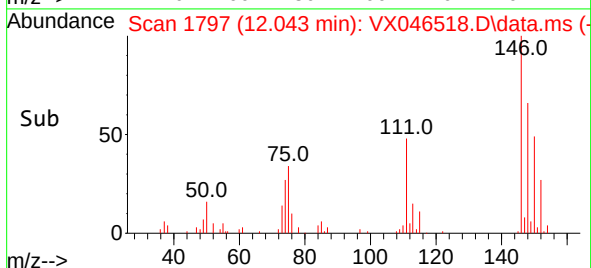
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

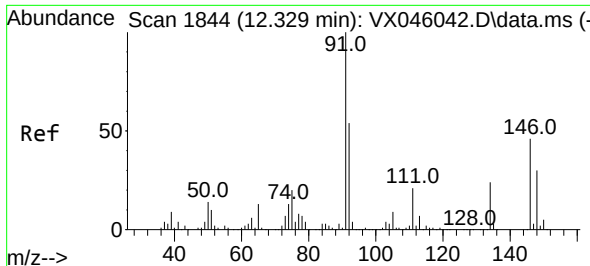


#88
1,4-Dichlorobenzene
Concen: 4.913 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



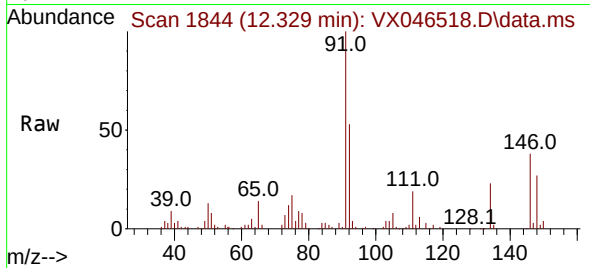
Tgt Ion:146 Resp: 14704
Ion Ratio Lower Upper
146 100
111 57.0 21.3 63.9
148 69.1 31.9 95.5





#89
n-Butylbenzene
Concen: 4.731 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

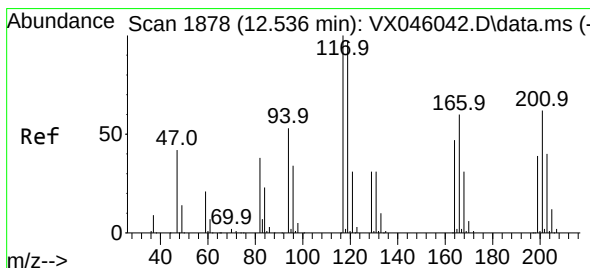
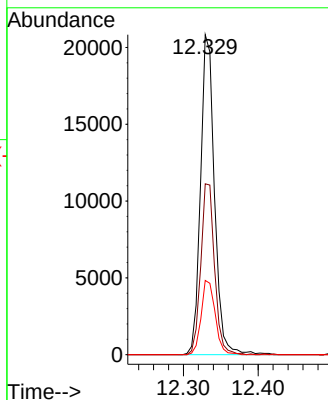
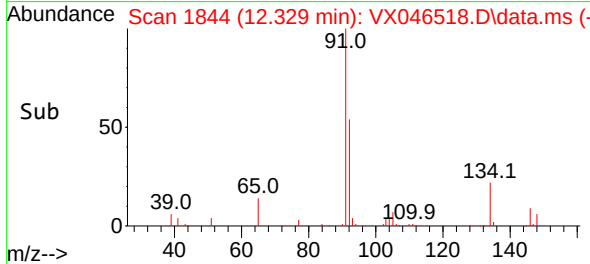
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 2705
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 23.3 11.8 35.3

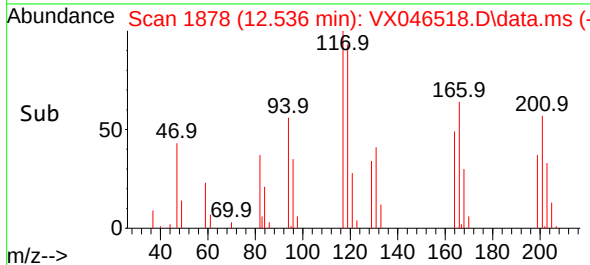
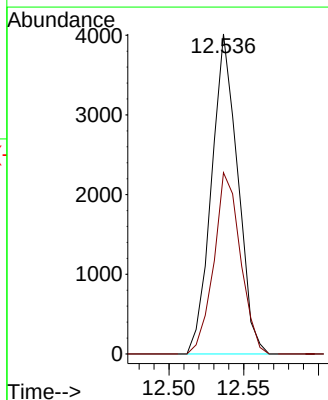
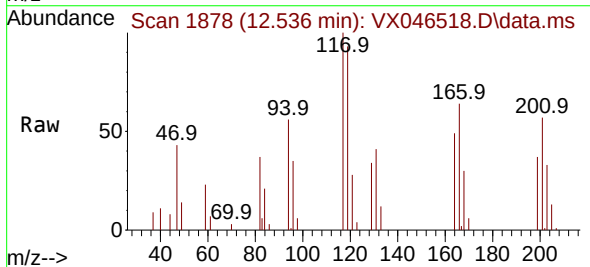
Manual Integrations
APPROVED

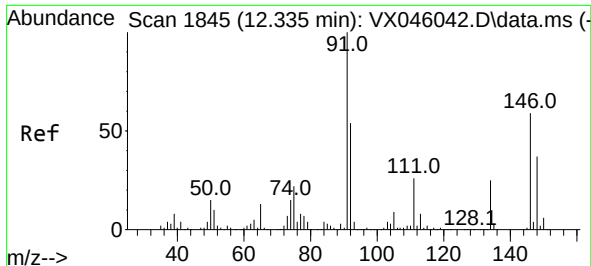
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#90
Hexachloroethane
Concen: 4.719 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

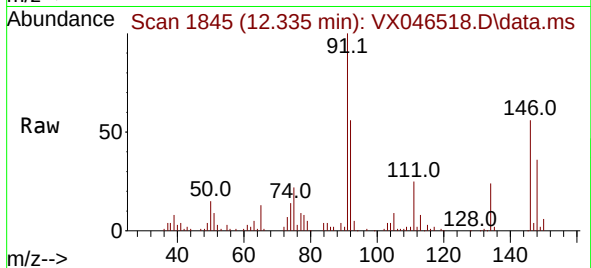
Tgt Ion:117 Resp: 4884
Ion Ratio Lower Upper
117 100
201 57.6 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 5.058 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

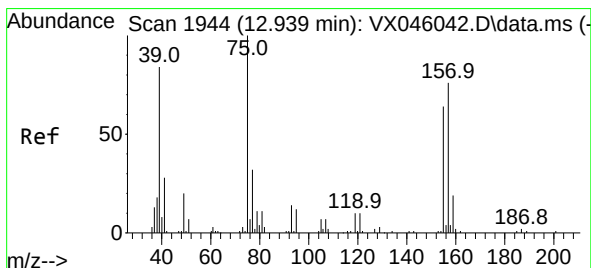
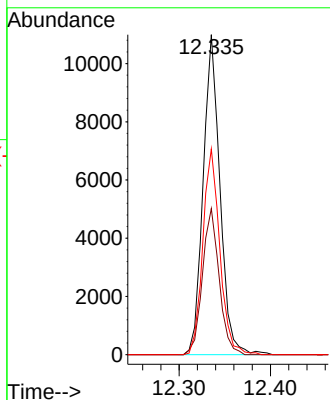
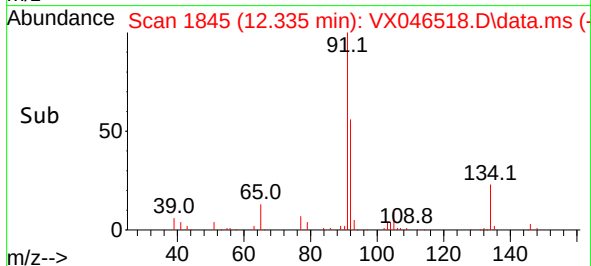
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



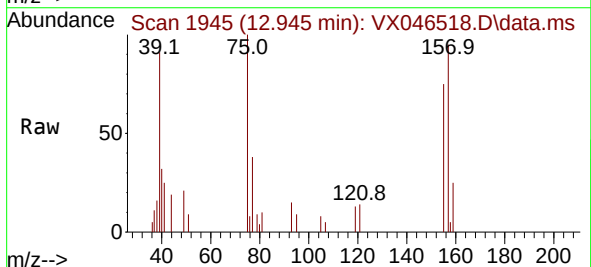
Tgt Ion:146 Resp: 14100
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.3
148 64.8 31.6 94.8

Manual Integrations
APPROVED

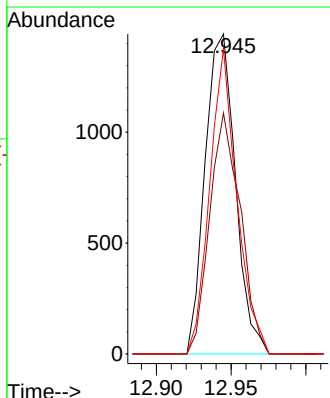
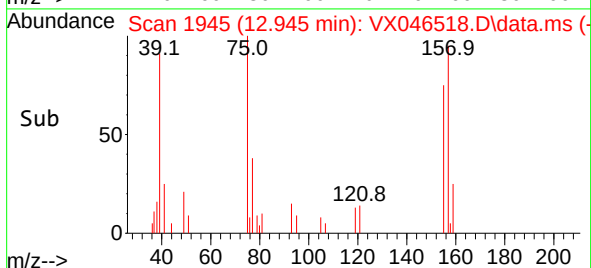
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

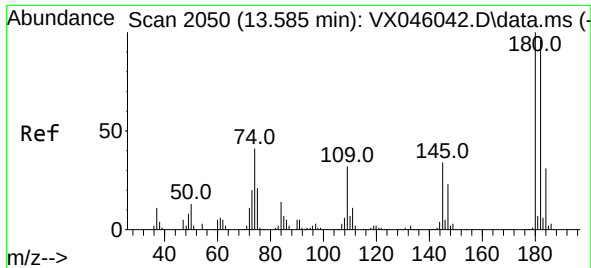


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.431 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



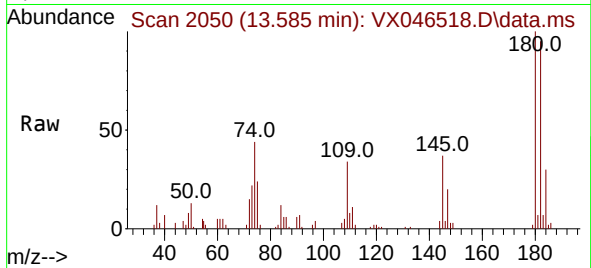
Tgt Ion: 75 Resp: 2035
Ion Ratio Lower Upper
75 100
155 76.3 34.9 104.8
157 85.5 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 4.447 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

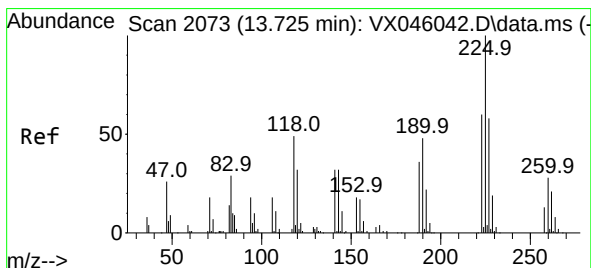
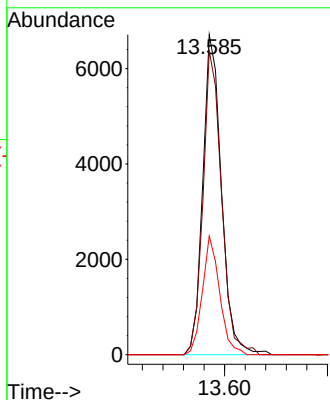
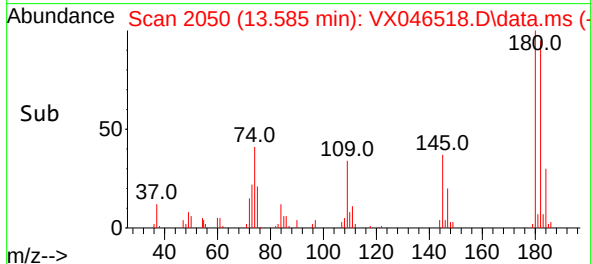
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



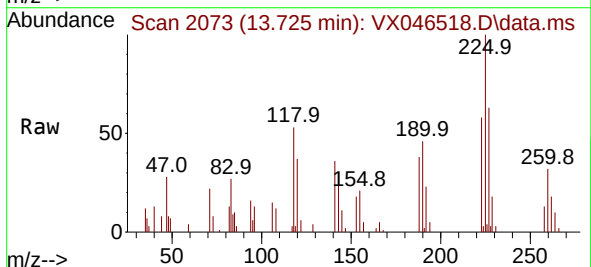
Tgt Ion:180 Resp: 845
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.8
145 34.5 17.1 51.2

Manual Integrations
APPROVED

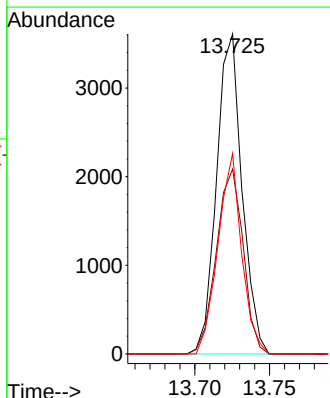
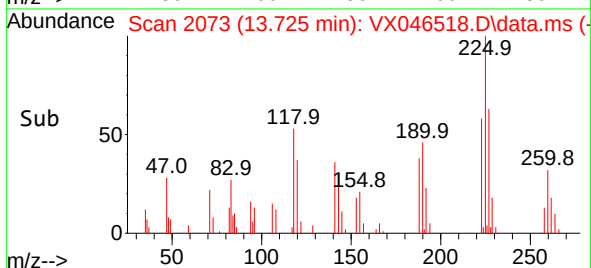
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

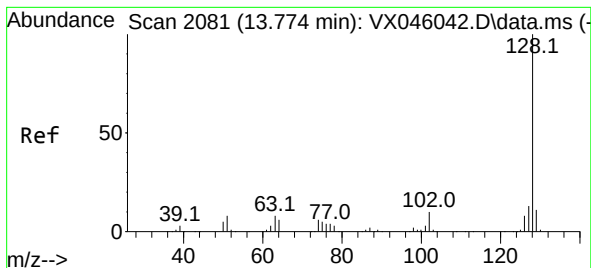


#94
Hexachlorobutadiene
Concen: 4.848 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



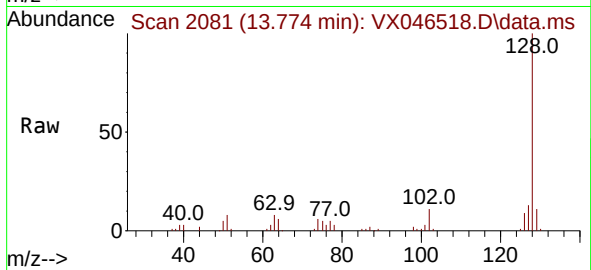
Tgt Ion:225 Resp: 4285
Ion Ratio Lower Upper
225 100
223 60.7 30.8 92.4
227 58.1 30.9 92.7





#95
Naphthalene
Concen: 4.242 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42

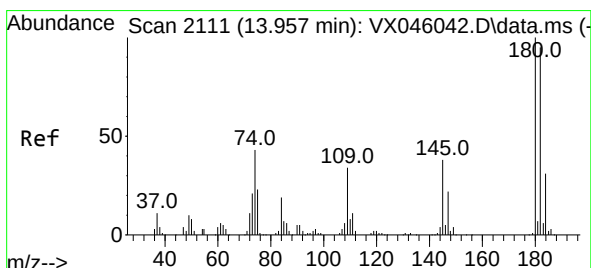
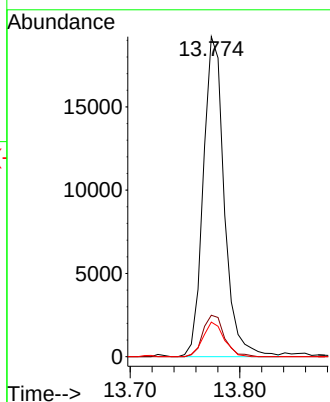
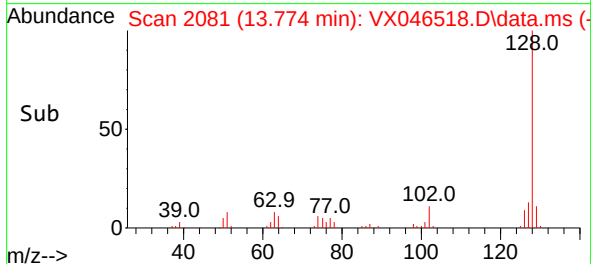
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



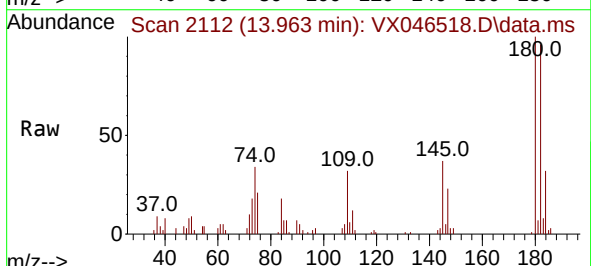
Tgt Ion:128 Resp: 2558
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.453 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046518.D
Acq: 06 Jun 2025 09:42



Tgt Ion:180 Resp: 8491
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.3
145 37.2 18.1 54.3

