

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046586.D
 Acq On : 10 Jun 2025 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 01:40:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	90758	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	150623	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	134767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68670	42.529	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.060%		
35) Dibromofluoromethane	5.385	113	54188	48.920	ug/l	-0.02
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.840%		
50) Toluene-d8	8.647	98	173470	47.502	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.079	95	70476	46.644	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	64016	50.806	ug/l	100
3) Chloromethane	1.307	50	56444	49.215	ug/l	99
4) Vinyl Chloride	1.386	62	58114	50.831	ug/l	98
5) Bromomethane	1.618	94	32498	46.823	ug/l	93
6) Chloroethane	1.703	64	32178	43.380	ug/l	97
7) Trichlorofluoromethane	1.904	101	90554	47.872	ug/l	96
8) Diethyl Ether	2.142	74	31717	47.456	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.343	101	60548	50.805	ug/l	94
10) Methyl Iodide	2.465	142	73653	57.012	ug/l	97
11) Tert butyl alcohol	2.959	59	31425	175.393	ug/l	100
12) 1,1-Dichloroethene	2.331	96	54724	50.787	ug/l	87
13) Acrolein	2.245	56	46336	218.171	ug/l	99
14) Allyl chloride	2.678	41	99768	47.145	ug/l	92
15) Acrylonitrile	3.068	53	154316	227.796	ug/l	99
16) Acetone	2.386	43	125573	198.999	ug/l	94
17) Carbon Disulfide	2.526	76	113942	49.803	ug/l	99
18) Methyl Acetate	2.709	43	88227	45.873	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	190642	50.563	ug/l	98
20) Methylene Chloride	2.800	84	63269	48.842	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	56466	49.518	ug/l	94
22) Diisopropyl ether	3.763	45	218014	52.255	ug/l #	73
23) Vinyl Acetate	3.727	43	792157	245.925	ug/l	98
24) 1,1-Dichloroethane	3.623	63	116355	50.040	ug/l	99
25) 2-Butanone	4.556	43	191877	213.467	ug/l	99
26) 2,2-Dichloropropane	4.483	77	96821	56.089	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	73894	52.640	ug/l	96
28) Bromochloromethane	4.904	49	54238	48.905	ug/l	99
29) Tetrahydrofuran	5.007	42	122206	215.281	ug/l	99
30) Chloroform	5.099	83	130421	53.531	ug/l	96
31) Cyclohexane	5.477	56	95665	50.962	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	111065	53.292	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80709	51.010	ug/l	98
37) Ethyl Acetate	4.721	43	78957	51.130	ug/l	99
38) Carbon Tetrachloride	5.684	117	95156	53.694	ug/l	95
39) Methylcyclohexane	7.379	83	94883	50.806	ug/l	99
40) Benzene	6.037	78	243205	54.601	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49327	51.438	ug/l	95
42) 1,2-Dichloroethane	6.086	62	98959	53.402	ug/l	99
43) Isopropyl Acetate	6.342	43	131206	48.737	ug/l	99
44) Trichloroethene	7.129	130	59456	52.534	ug/l	99
45) 1,2-Dichloropropane	7.427	63	63071	54.858	ug/l	99
46) Dibromomethane	7.580	93	45581	52.699	ug/l	96
47) Bromodichloromethane	7.824	83	101554	57.103	ug/l	97
48) Methyl methacrylate	7.690	41	68324	49.326	ug/l	95
49) 1,4-Dioxane	7.653	88	17651	952.914	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	409850	239.572	ug/l	99
52) Toluene	8.714	92	149428	54.605	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	91050	57.101	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100606	56.746	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	60612	55.174	ug/l	97
56) Ethyl methacrylate	9.116	69	90648	53.621	ug/l	94
57) 1,3-Dichloropropane	9.305	76	104709	53.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	226143	245.588	ug/l	99
59) 2-Hexanone	9.427	43	281334	229.299	ug/l	98
60) Dibromochloromethane	9.519	129	73121	56.586	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59442	51.925	ug/l	96
64) Tetrachloroethene	9.275	164	45245	50.206	ug/l	96
65) Chlorobenzene	10.079	112	166316	52.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	60360	56.356	ug/l	100
67) Ethyl Benzene	10.189	91	293712	53.081	ug/l	99
68) m/p-Xylenes	10.299	106	216146	107.686	ug/l	99
69) o-Xylene	10.640	106	104495	53.823	ug/l	100
70) Styrene	10.652	104	186521	56.124	ug/l	97
71) Bromoform	10.799	173	45425	55.623	ug/l #	97
73) Isopropylbenzene	10.957	105	284717	54.106	ug/l	100
74) N-amyl acetate	10.841	43	114046	49.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	85869	50.980	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73742m	52.008	ug/l	
77) Bromobenzene	11.195	156	67715	55.440	ug/l	94
78) n-propylbenzene	11.299	91	339470	53.299	ug/l	99
79) 2-Chlorotoluene	11.360	91	202364	52.688	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236032	53.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25693	52.271	ug/l	90
82) 4-Chlorotoluene	11.451	91	239181	52.538	ug/l	98
83) tert-Butylbenzene	11.713	119	242094	54.234	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	234197	52.794	ug/l	98
85) sec-Butylbenzene	11.890	105	304462	53.081	ug/l	100
86) p-Isopropyltoluene	12.006	119	252631	52.834	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	124600	52.534	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	123785	50.367	ug/l	99
89) n-Butylbenzene	12.329	91	245852	52.356	ug/l	99
90) Hexachloroethane	12.536	117	45495	53.532	ug/l	96
91) 1,2-Dichlorobenzene	12.329	146	121670	53.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17650	46.795	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	81781	52.365	ug/l	98
94) Hexachlorobutadiene	13.725	225	35940	49.518	ug/l	96
95) Naphthalene	13.774	128	251036	50.687	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80018	51.096	ug/l	100

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Response via : Initial Calibration

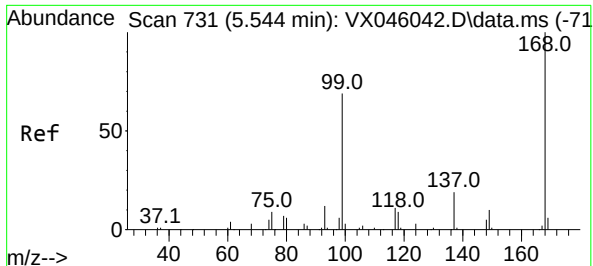
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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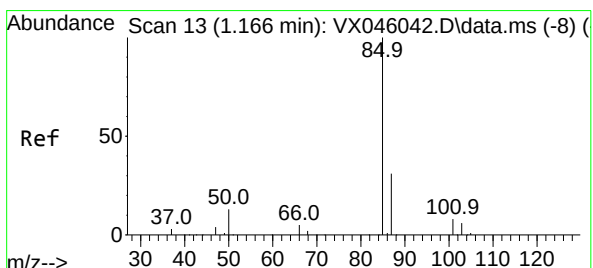
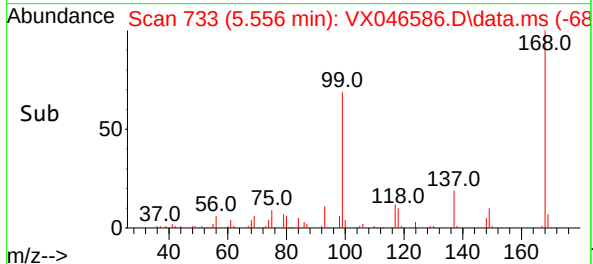
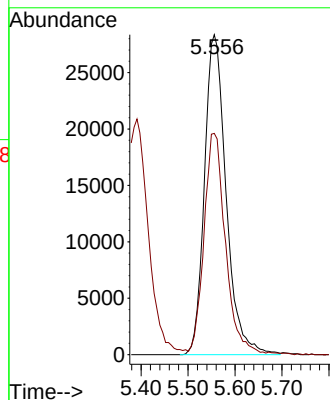
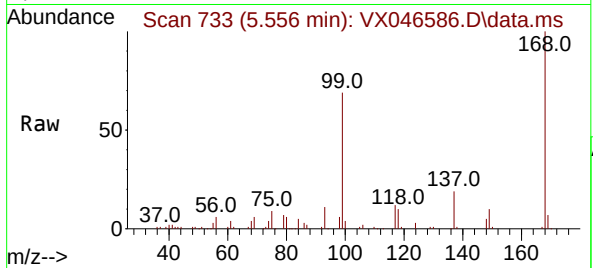
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 90758
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3

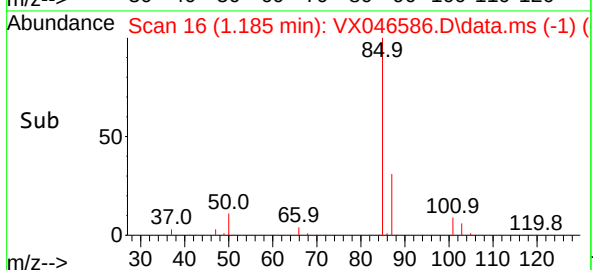
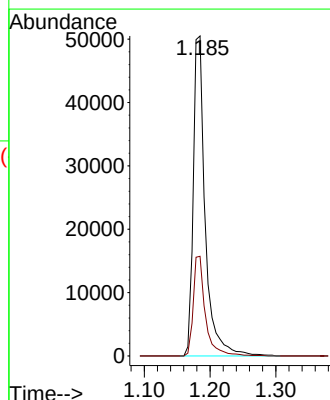
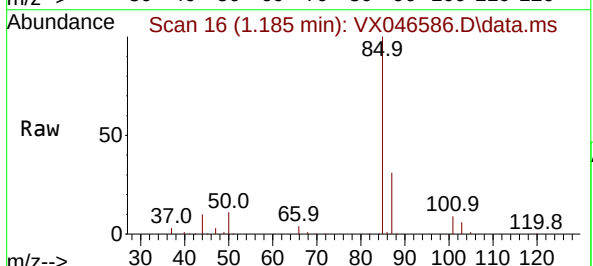
Manual Integrations
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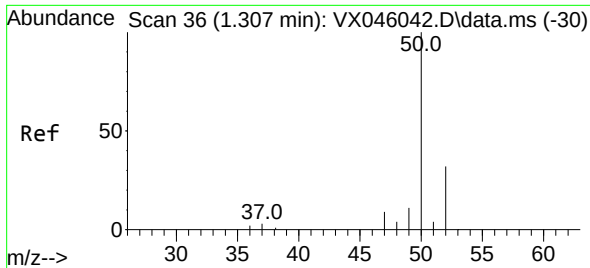
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#2
Dichlorodifluoromethane
Concen: 50.806 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 85 Resp: 64016
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1





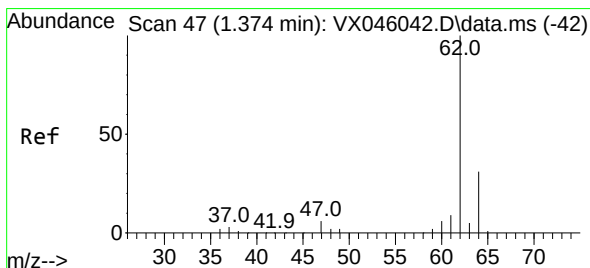
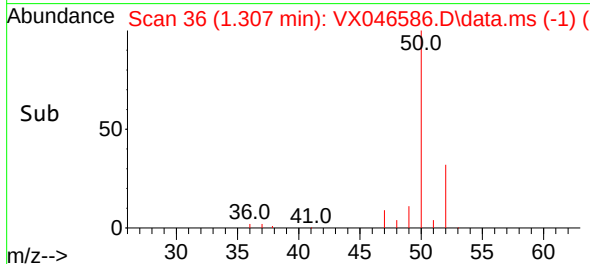
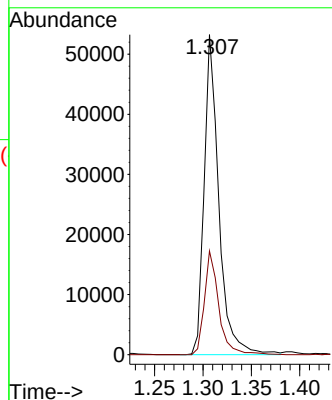
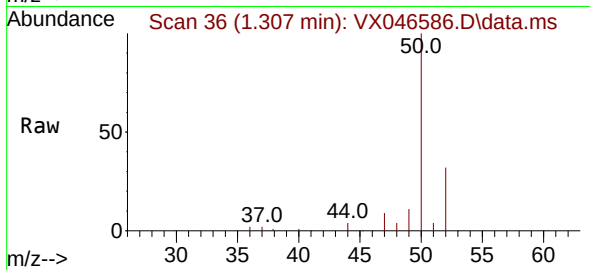
#3
Chloromethane
Concen: 49.215 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5644
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

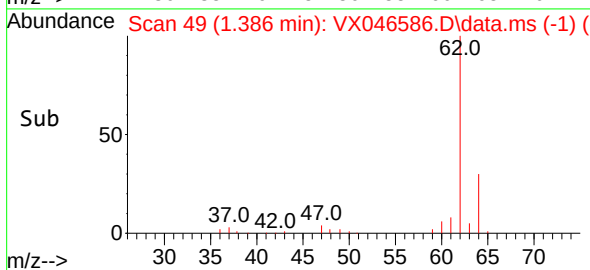
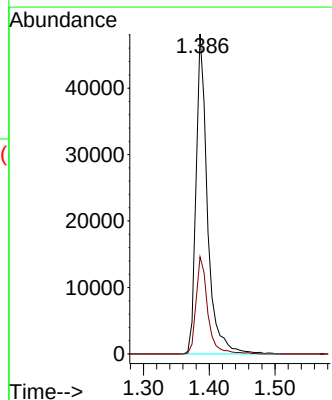
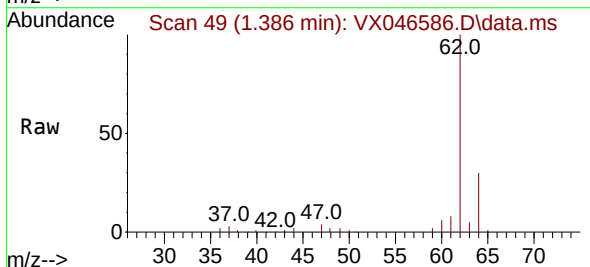
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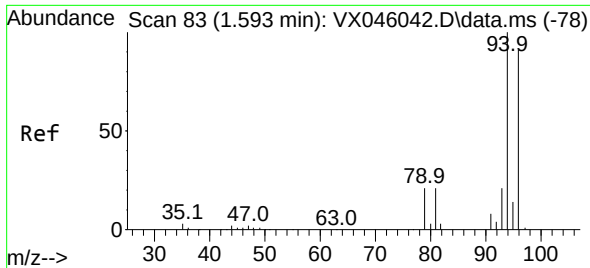
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 50.831 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 62 Resp: 58114
Ion Ratio Lower Upper
62 100
64 30.4 25.2 37.8





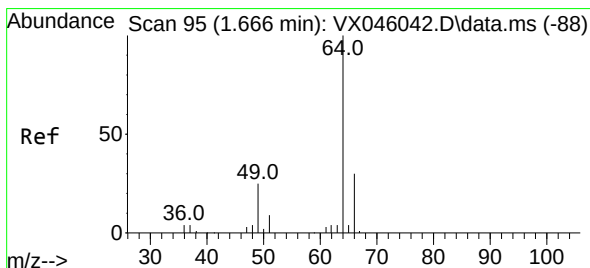
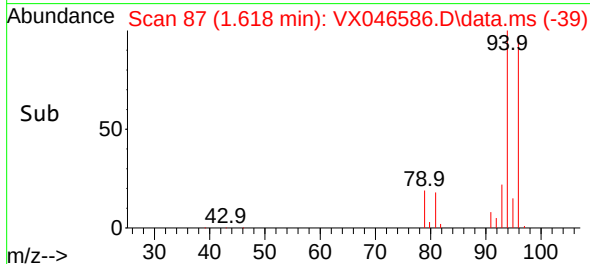
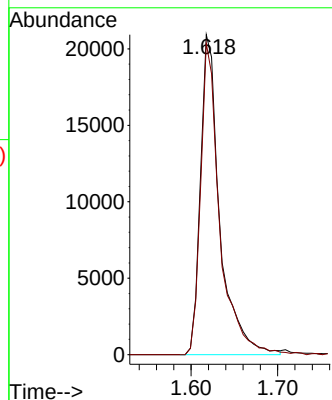
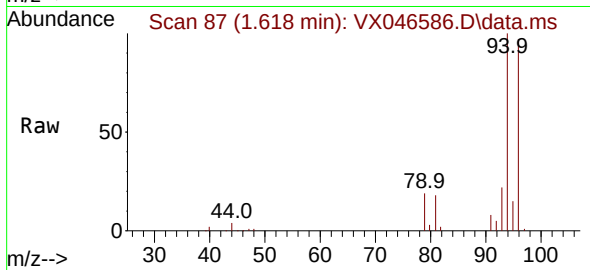
#5
Bromomethane
Concen: 46.823 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 32498
Ion Ratio Lower Upper
94 100
96 97.3 72.8 109.2

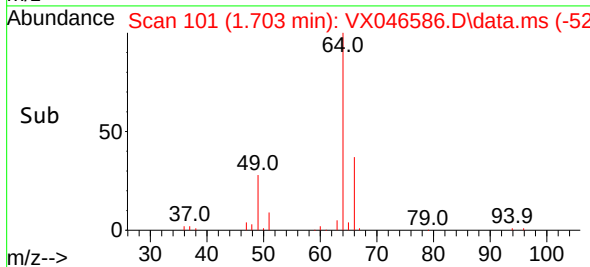
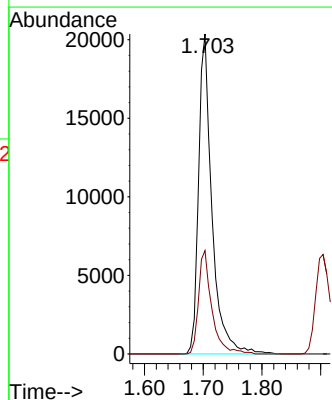
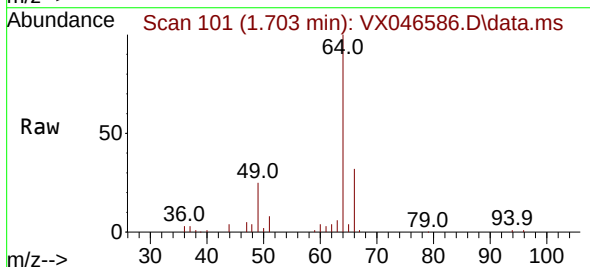
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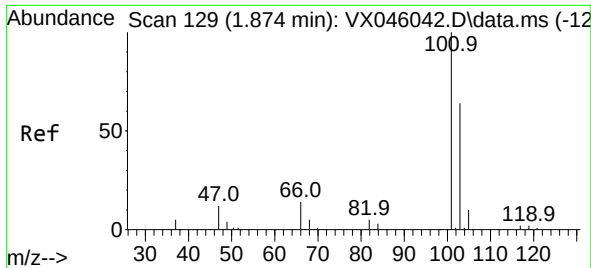
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#6
Chloroethane
Concen: 43.380 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046586.D
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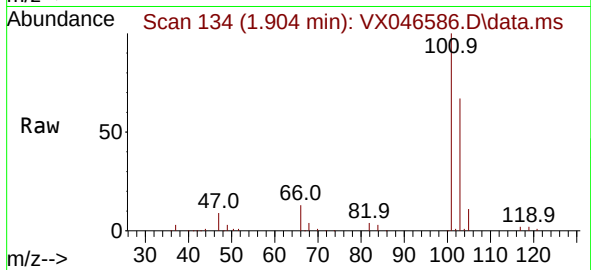
Tgt Ion: 64 Resp: 32178
Ion Ratio Lower Upper
64 100
66 32.3 24.3 36.5





#7
Trichlorofluoromethane
Concen: 47.872 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

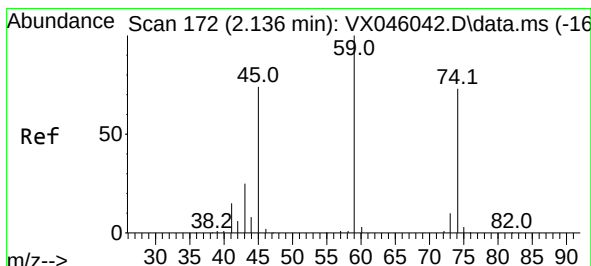
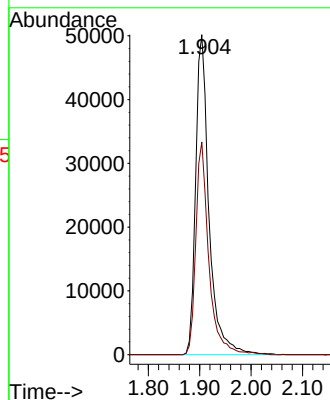
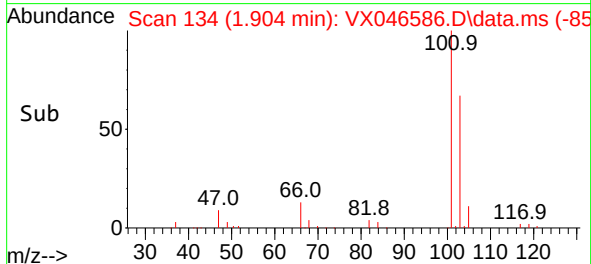
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



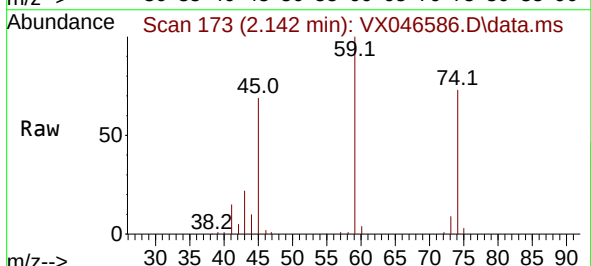
Tgt Ion:101 Resp: 90554
Ion Ratio Lower Upper
101 100
103 66.5 51.0 76.4

Manual Integrations
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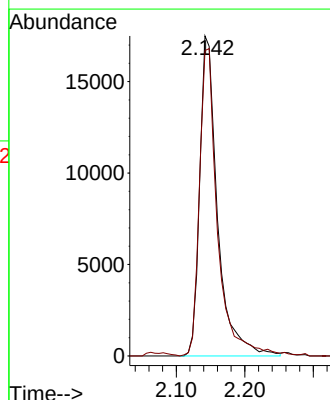
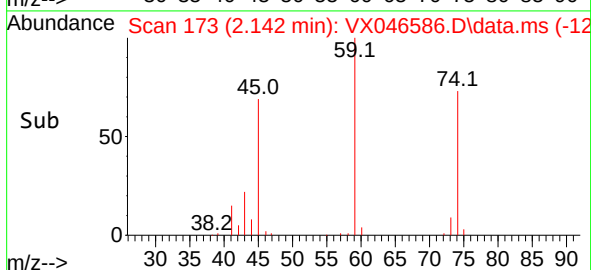
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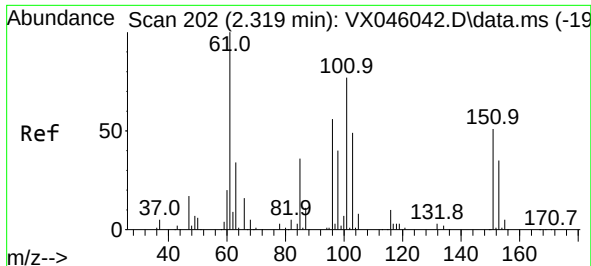


#8
Diethyl Ether
Concen: 47.456 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



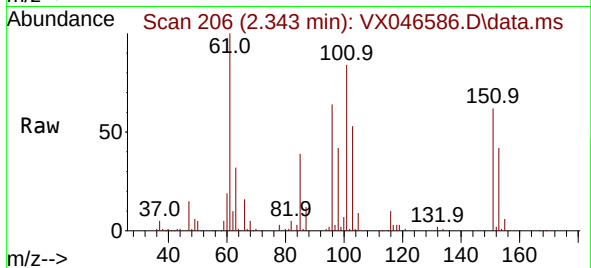
Tgt Ion: 74 Resp: 31717
Ion Ratio Lower Upper
74 100
45 97.4 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.805 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

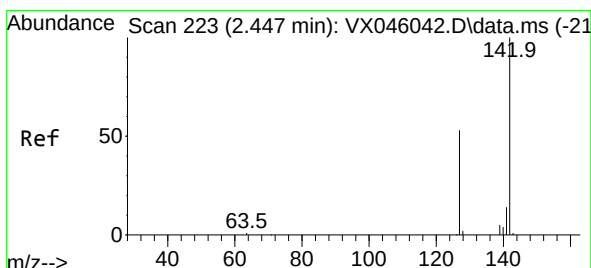
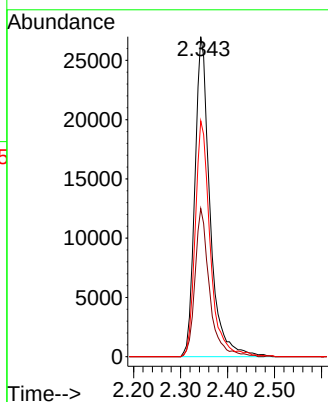
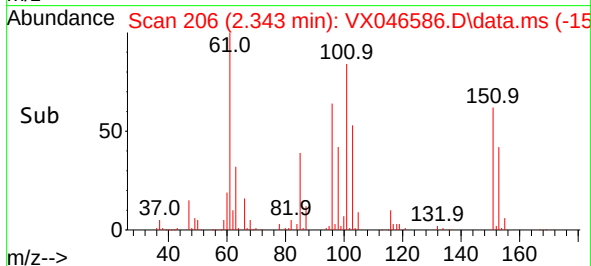
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 60548
Ion Ratio Lower Upper
101 100
85 44.3 38.6 58.0
151 73.4 55.2 82.8

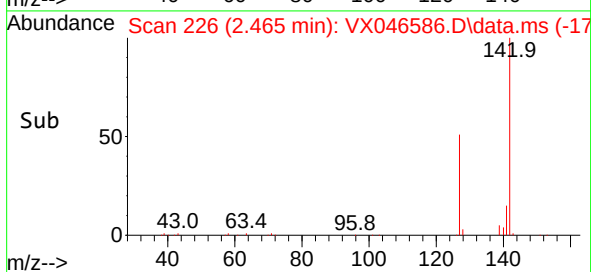
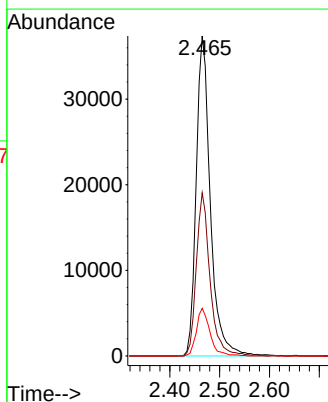
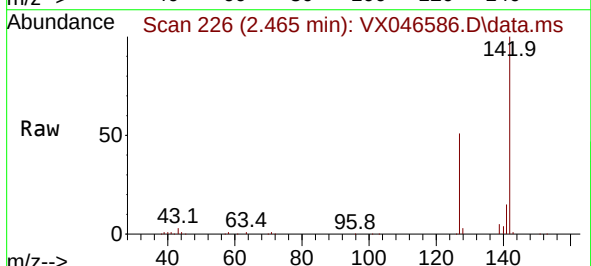
Manual Integrations
APPROVED

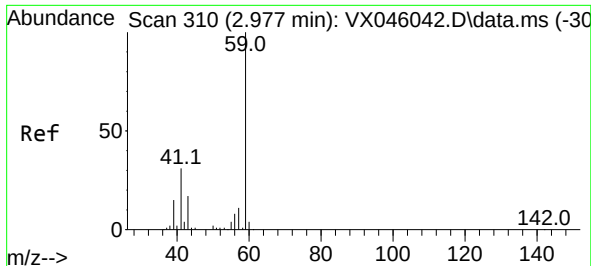
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#10
Methyl Iodide
Concen: 57.012 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:142 Resp: 73653
Ion Ratio Lower Upper
142 100
127 49.5 41.7 62.5
141 14.3 11.5 17.3





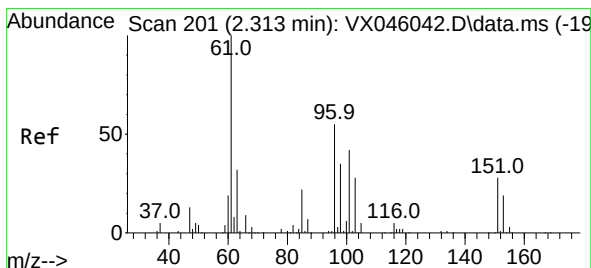
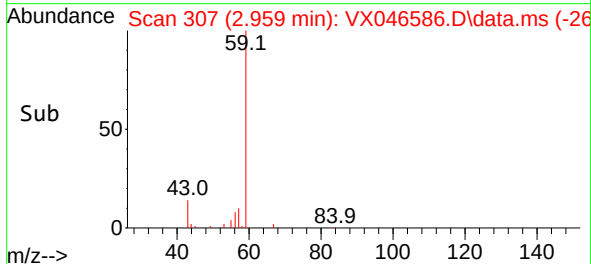
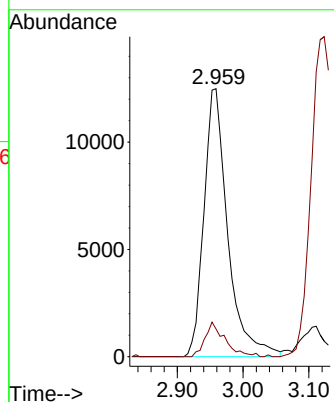
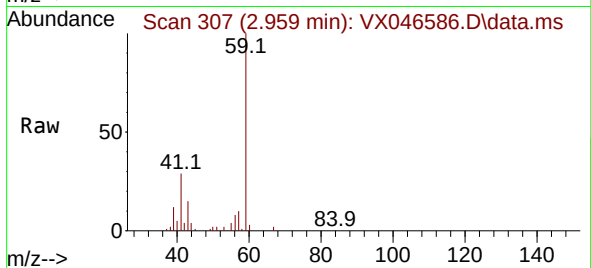
#11
Tert butyl alcohol
Concen: 175.393 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 31425
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

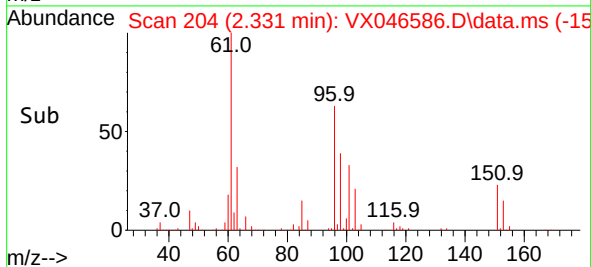
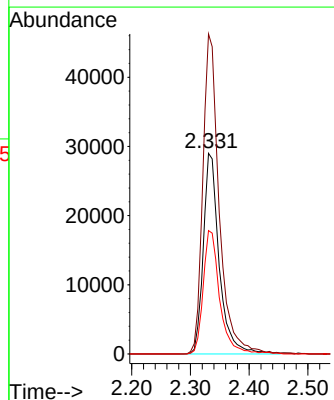
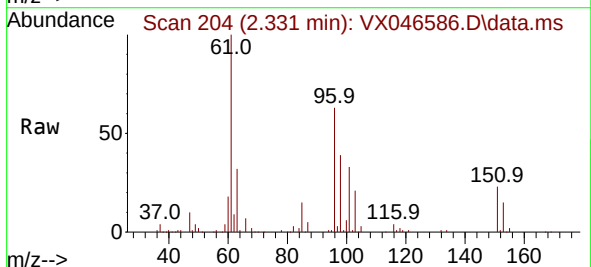
Manual Integrations
APPROVED

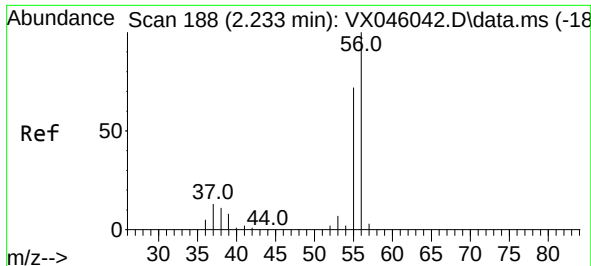
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#12
1,1-Dichloroethene
Concen: 50.787 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

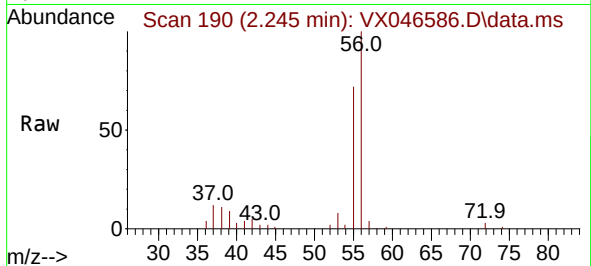
Tgt Ion: 96 Resp: 54724
Ion Ratio Lower Upper
96 100
61 159.5 146.2 219.2
98 61.5 51.0 76.6





#13
Acrolein
Concen: 218.171 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

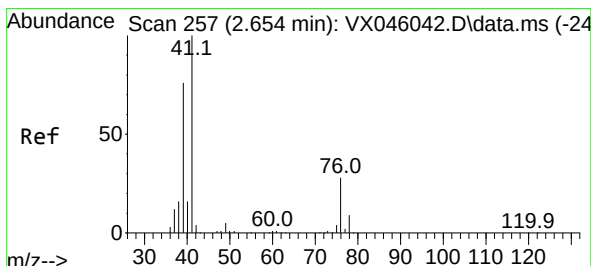
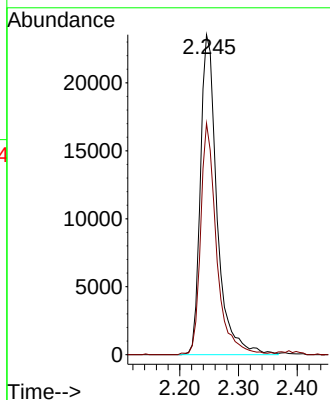
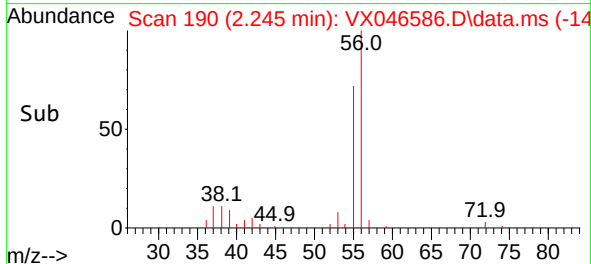
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 46330
Ion Ratio Lower Upper
56 100
55 69.2 56.2 84.4

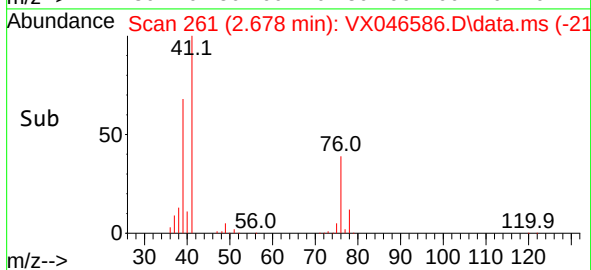
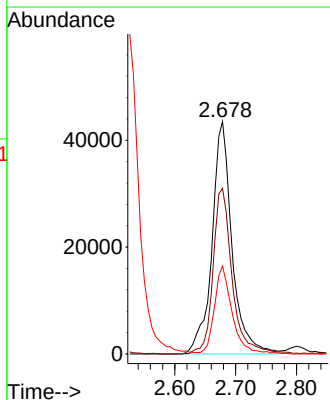
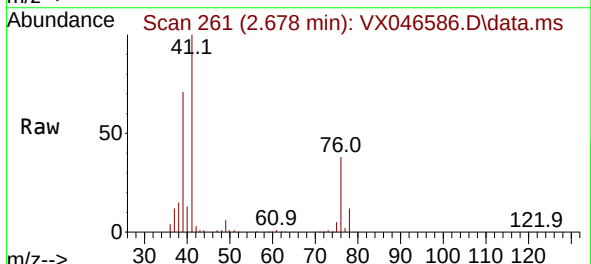
Manual Integrations
APPROVED

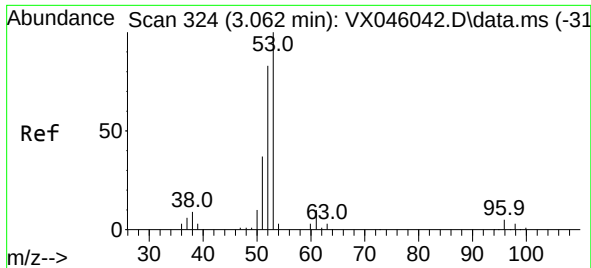
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#14
Allyl chloride
Concen: 47.145 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

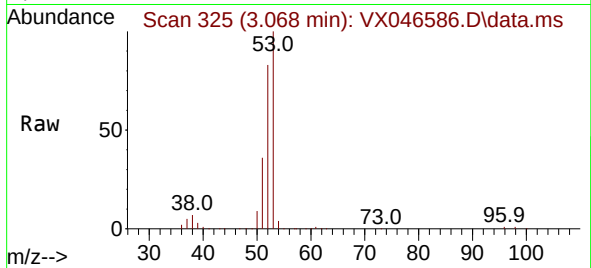
Tgt Ion: 41 Resp: 99768
Ion Ratio Lower Upper
41 100
39 67.9 60.6 90.8
76 33.3 24.9 37.3





#15
Acrylonitrile
Concen: 227.796 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

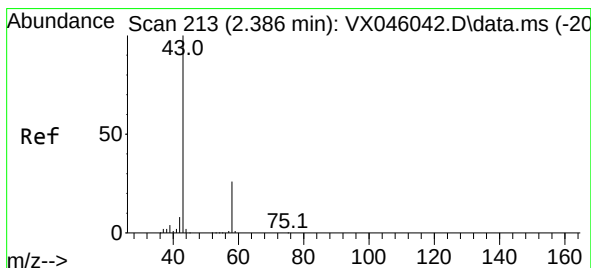
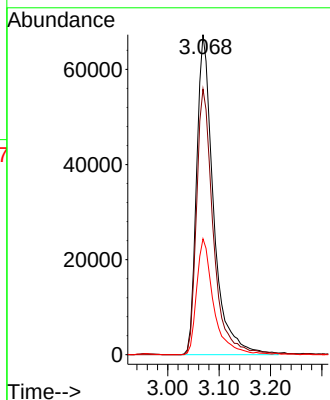
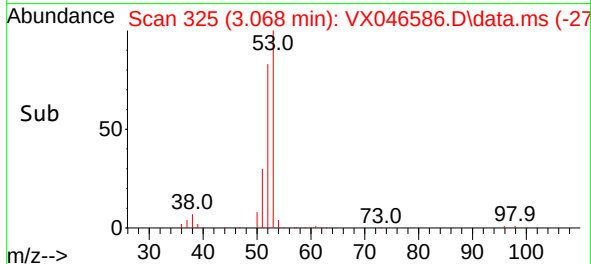
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 154310
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.3 29.8 44.8

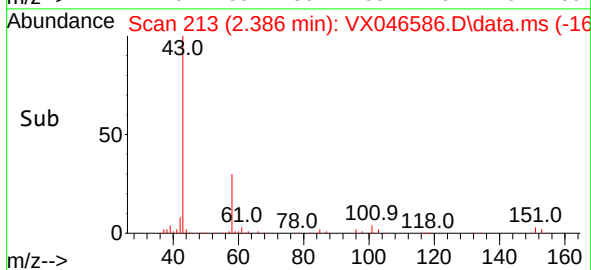
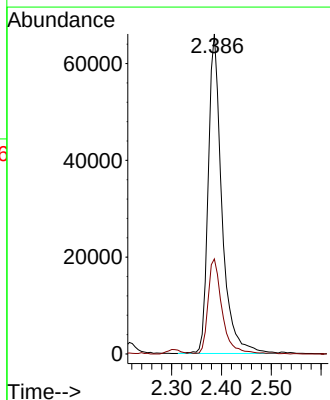
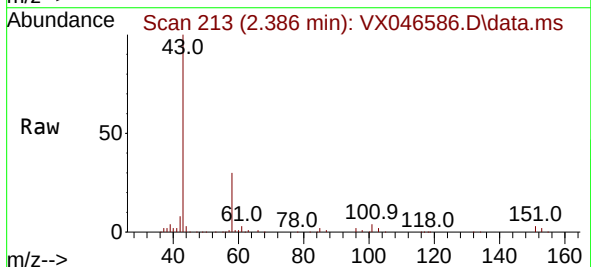
Manual Integrations
APPROVED

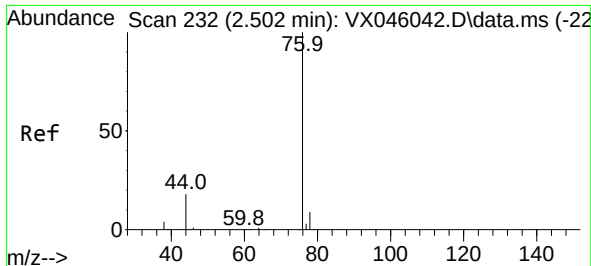
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Acetone
Concen: 198.999 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 43 Resp: 125573
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8





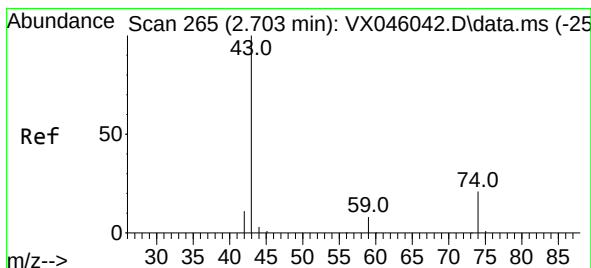
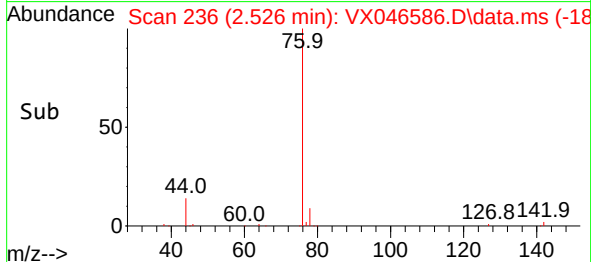
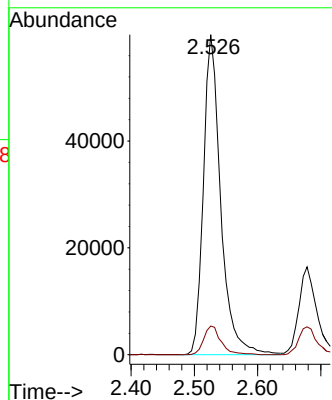
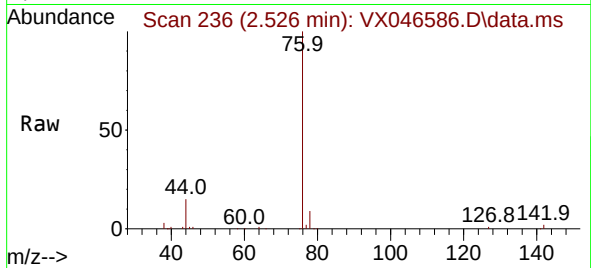
#17
Carbon Disulfide
Concen: 49.803 ug/l
RT: 2.526 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11394
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

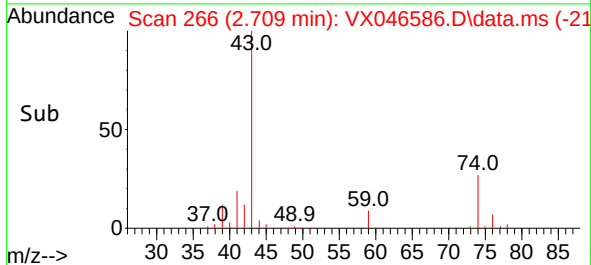
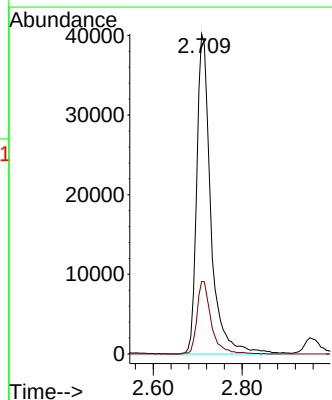
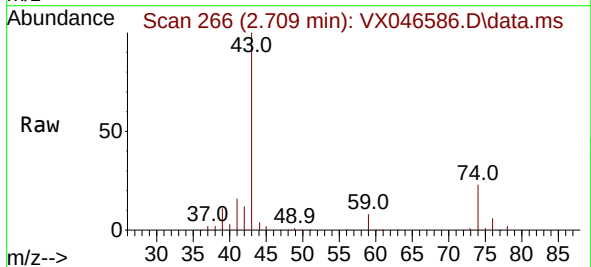
Manual Integrations
APPROVED

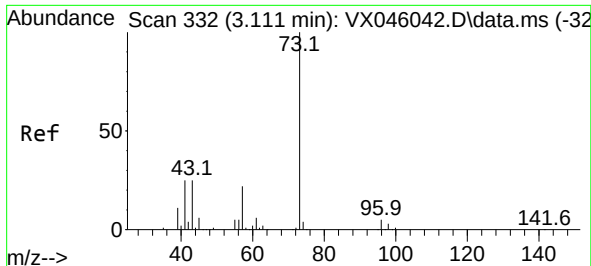
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#18
Methyl Acetate
Concen: 45.873 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

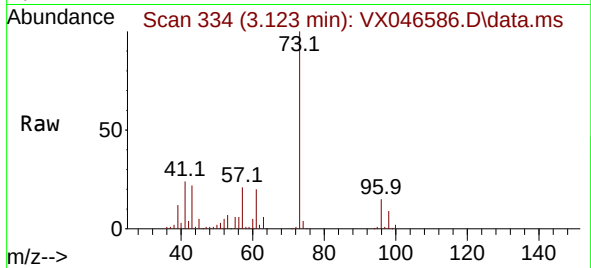
Tgt Ion: 43 Resp: 88227
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 50.563 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

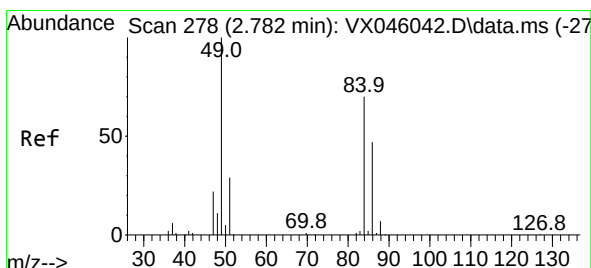
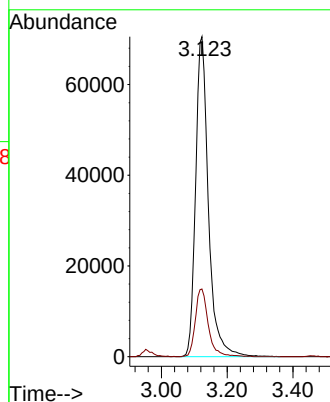
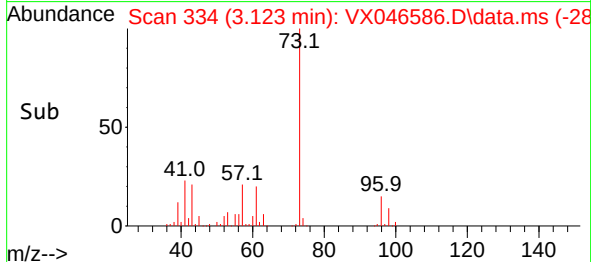
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 19064
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

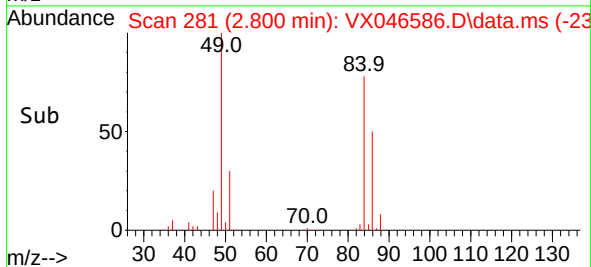
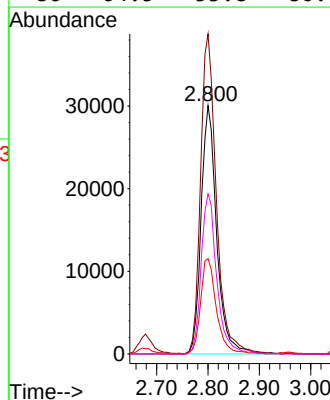
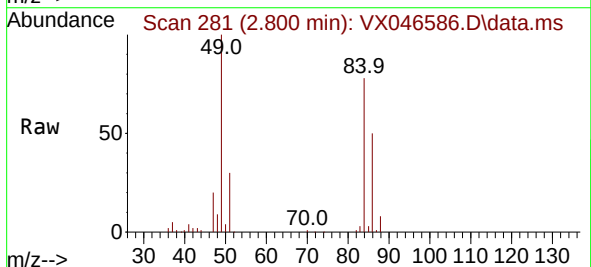
Manual Integrations
APPROVED

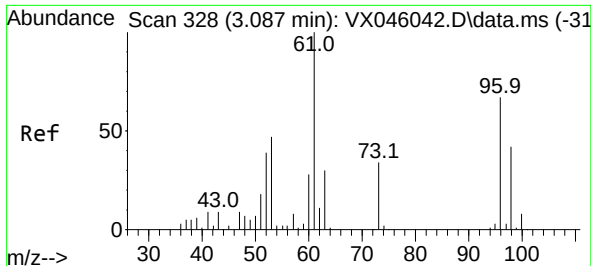
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Methylene Chloride
Concen: 48.842 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

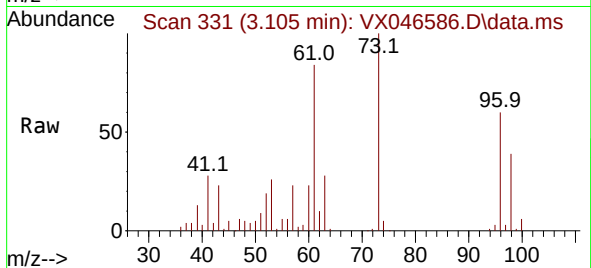
Tgt Ion: 84 Resp: 63269
Ion Ratio Lower Upper
84 100
49 128.5 113.9 170.9
51 38.4 33.5 50.3
86 64.5 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 49.518 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

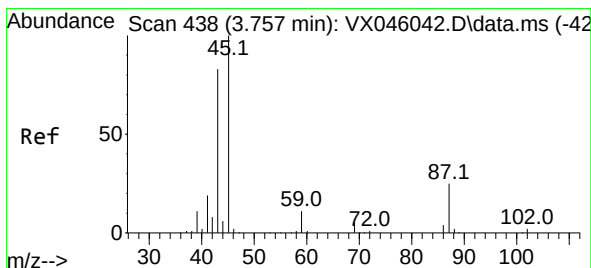
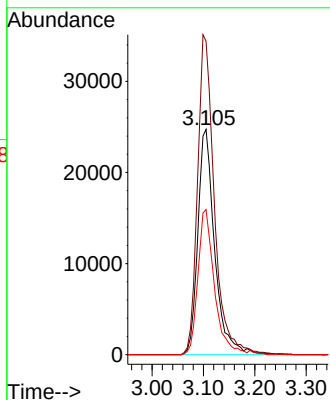
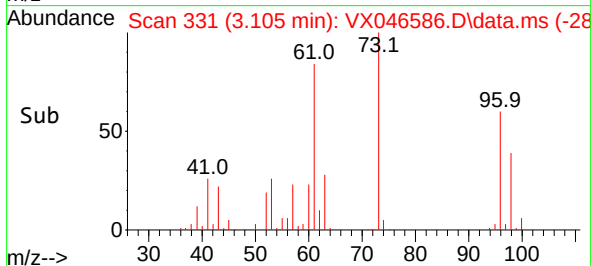
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



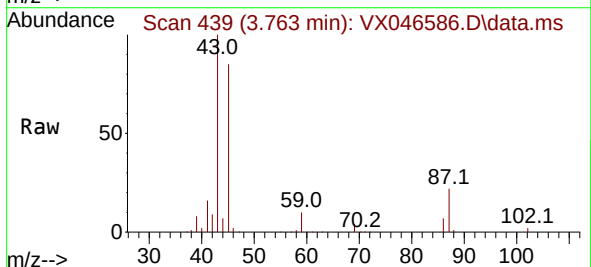
Tgt Ion: 96 Resp: 56460
Ion Ratio Lower Upper
96 100
61 139.2 119.5 179.3
98 64.4 50.0 75.0

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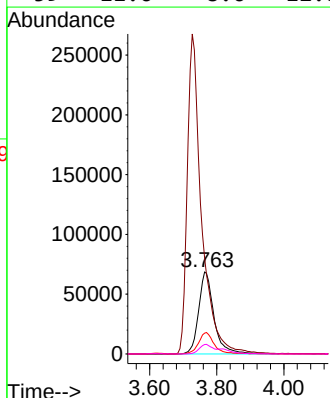
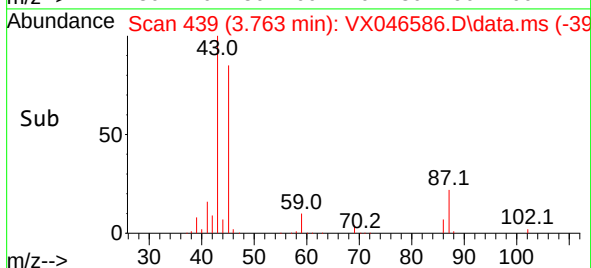
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

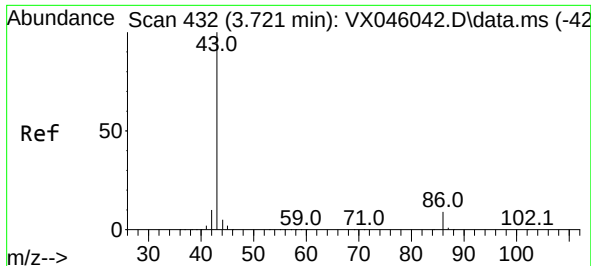


#22
Diisopropyl ether
Concen: 52.255 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.019 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



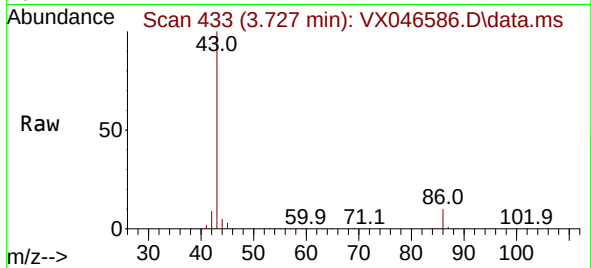
Tgt Ion: 45 Resp: 218014
Ion Ratio Lower Upper
45 100
43 117.1 66.6 100.0#
87 25.5 19.8 29.6
59 11.6 8.6 12.8





#23
 Vinyl Acetate
 Concen: 245.925 ug/l
 RT: 3.727 min Scan# 416
 Delta R.T. -0.012 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07

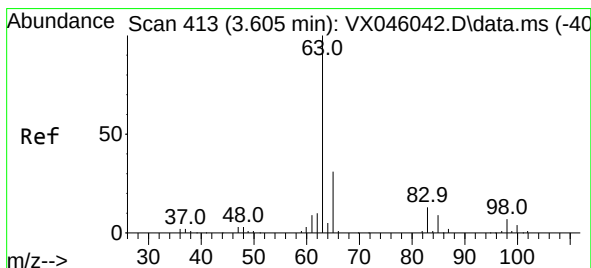
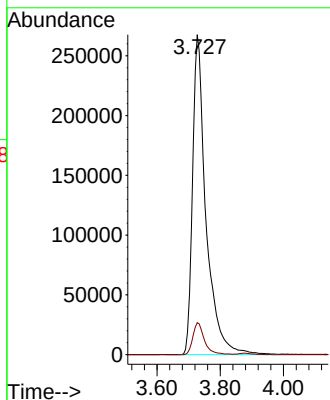
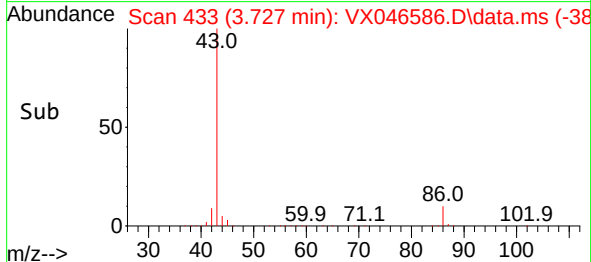
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



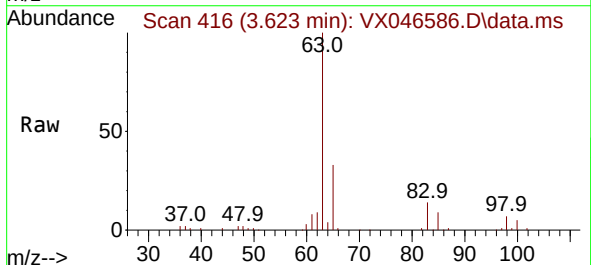
Tgt Ion: 43 Resp: 79215
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.5 11.3

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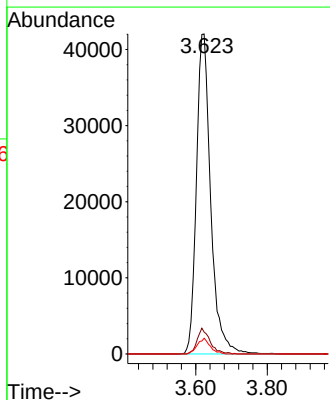
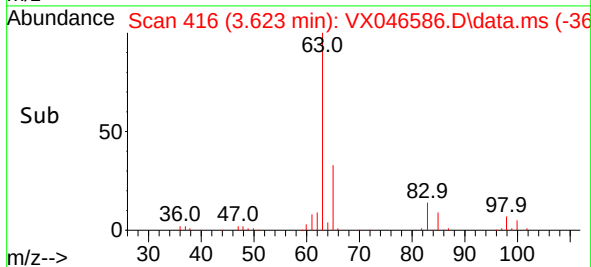
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

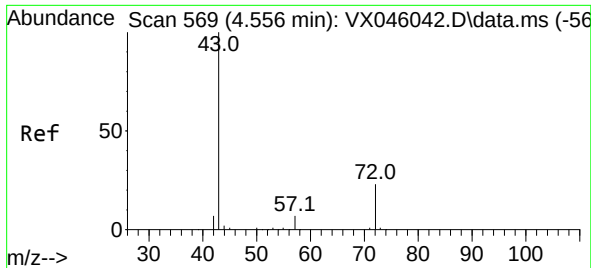


#24
 1,1-Dichloroethane
 Concen: 50.040 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07



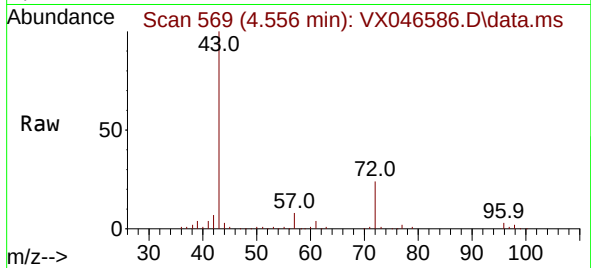
Tgt Ion: 63 Resp: 116355
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.9 2.1 6.3





#25
2-Butanone
Concen: 213.467 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.018 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

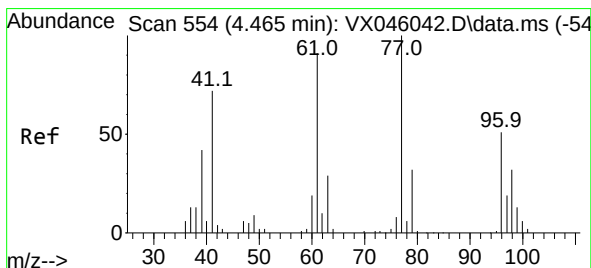
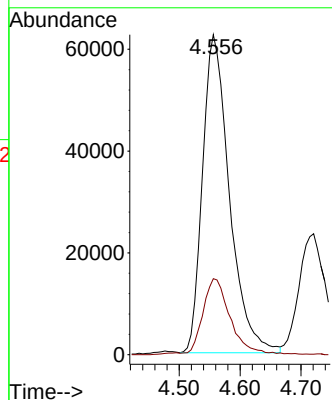
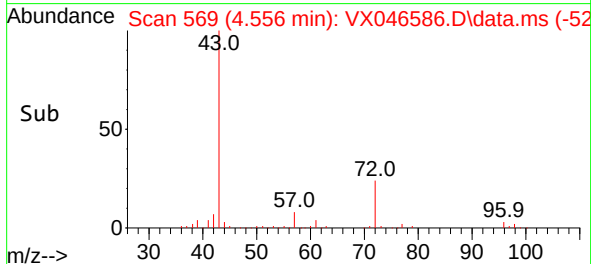
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



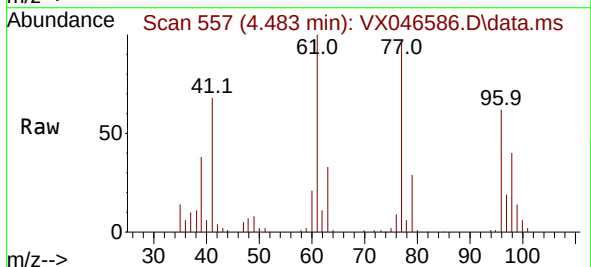
Tgt Ion: 43 Resp: 19187
Ion Ratio Lower Upper
43 100
72 23.4 18.4 27.6

Manual Integrations
APPROVED

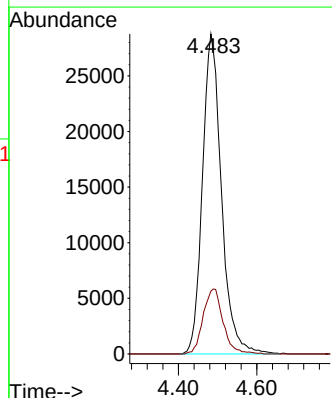
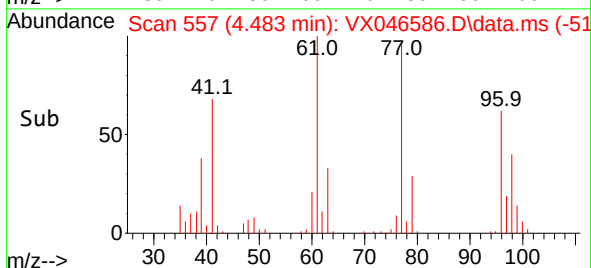
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

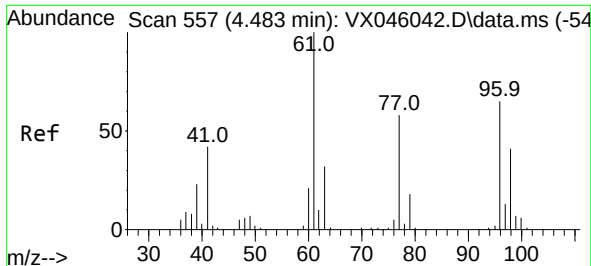


#26
2,2-Dichloropropane
Concen: 56.089 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



Tgt Ion: 77 Resp: 96821
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 52.640 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

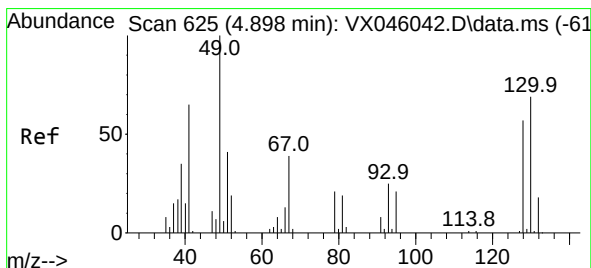
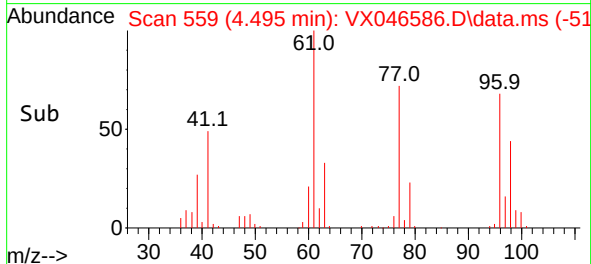
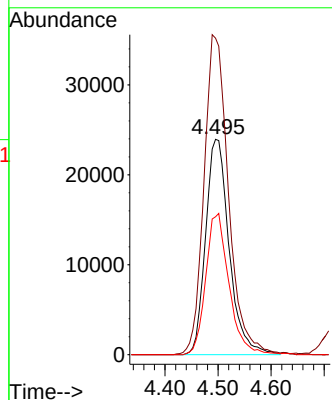
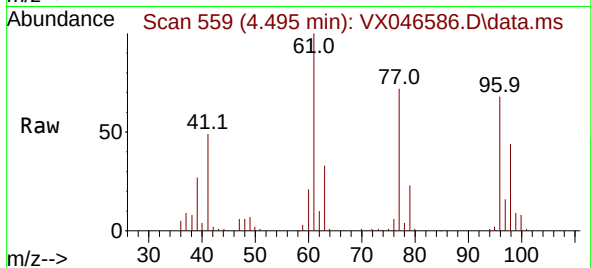
Tgt Ion: 96 Resp: 73894
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 322.8
 98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#28

Bromochloromethane

Concen: 48.905 ug/l

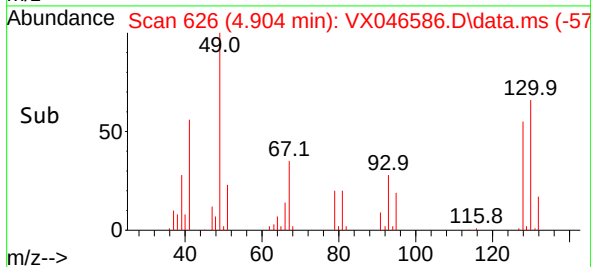
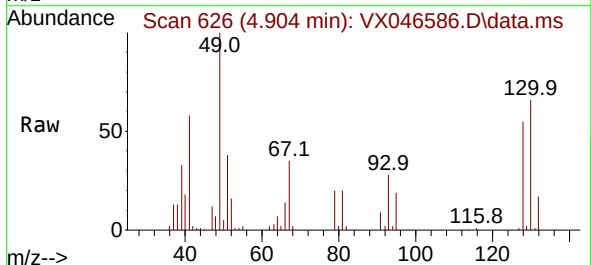
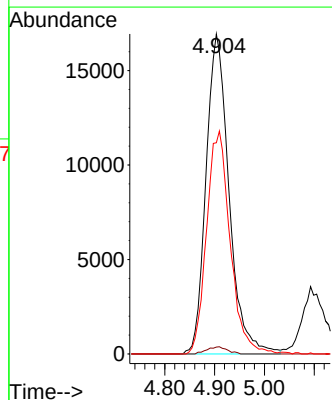
RT: 4.904 min Scan# 626

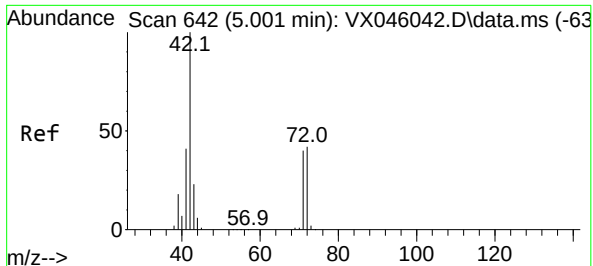
Delta R.T. -0.012 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Tgt Ion: 49 Resp: 54238
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 71.4 56.2 84.2





#29

Tetrahydrofuran

Concen: 215.281 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 122200

Ion Ratio Lower Upper

42 100

72 42.6 33.7 50.5

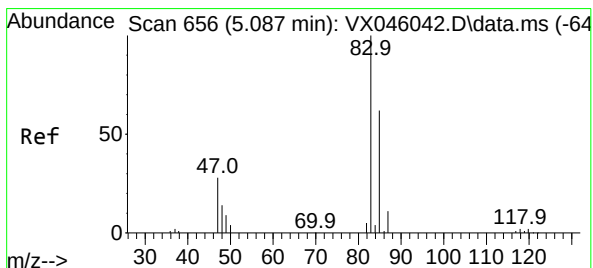
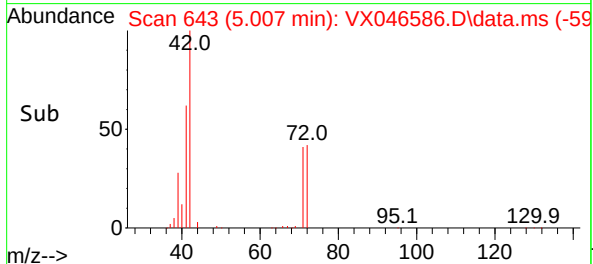
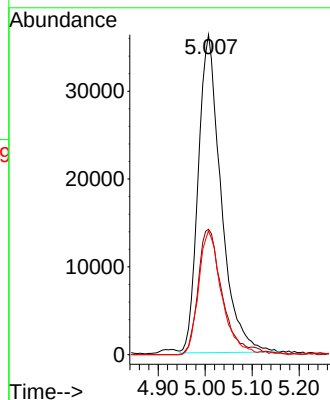
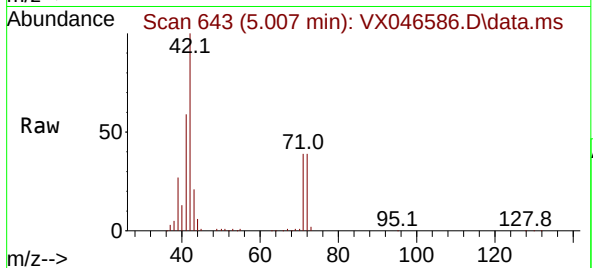
71 39.1 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#30

Chloroform

Concen: 53.531 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.012 min

Lab File: VX046586.D

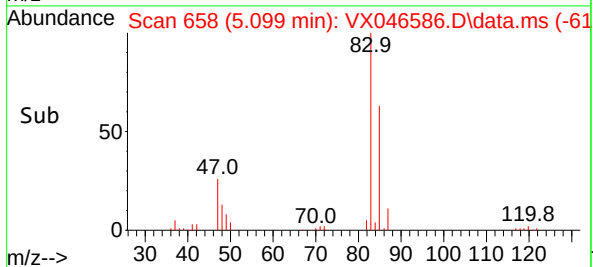
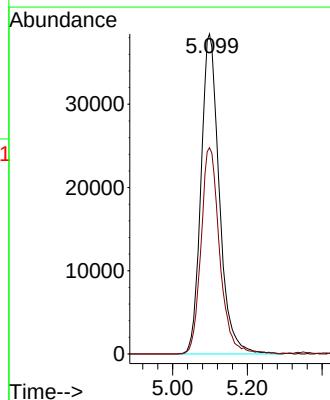
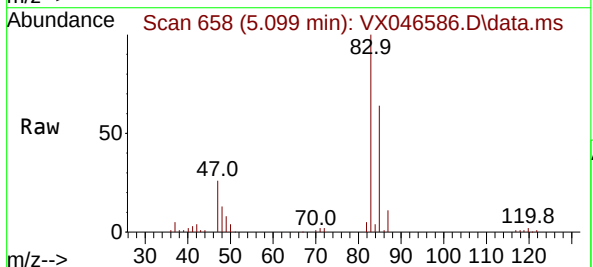
Acq: 10 Jun 2025 09:07

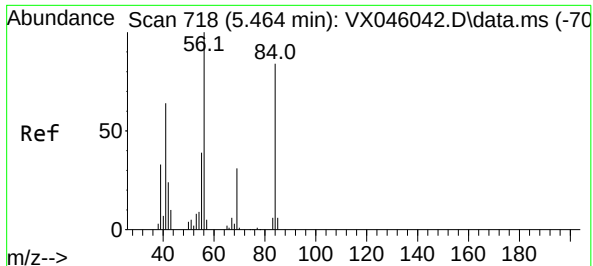
Tgt Ion: 83 Resp: 130421

Ion Ratio Lower Upper

83 100

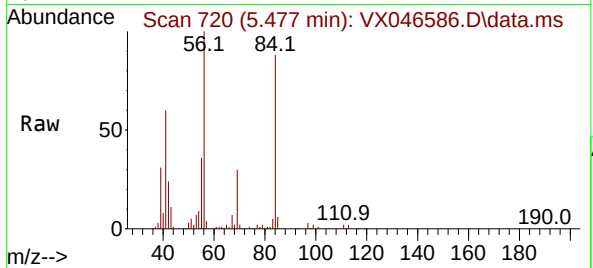
85 64.3 49.3 73.9





#31
Cyclohexane
Concen: 50.962 ug/l
RT: 5.477 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

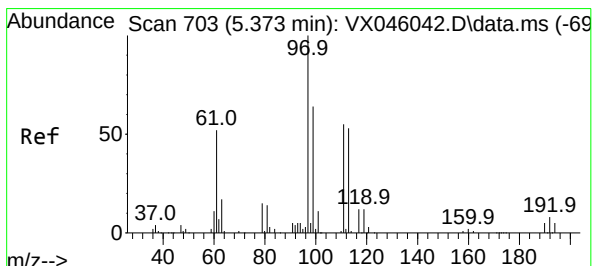
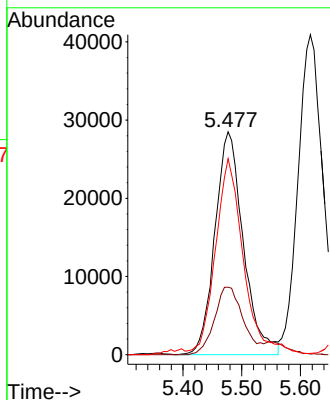
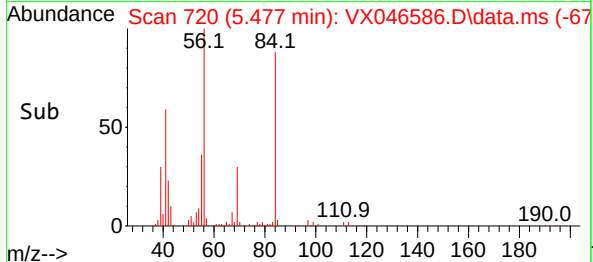
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



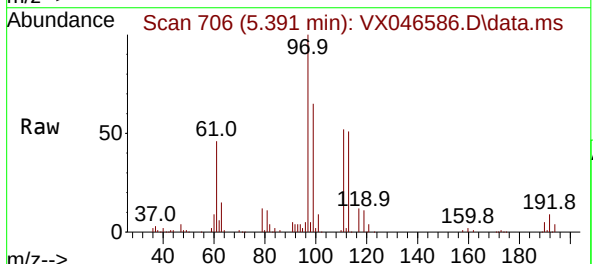
Tgt Ion: 56 Resp: 9566
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 85.9 66.9 100.3

Manual Integrations
APPROVED

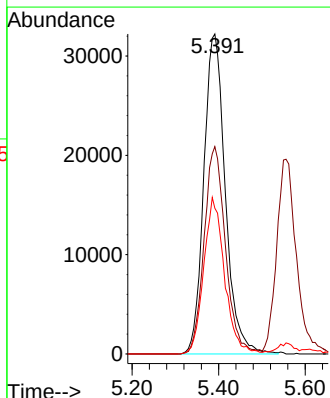
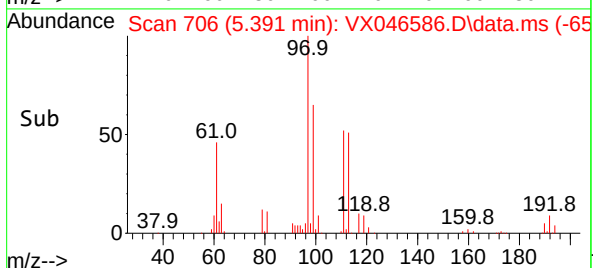
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

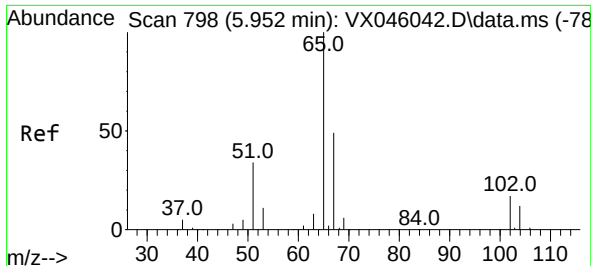


#32
1,1,1-Trichloroethane
Concen: 53.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



Tgt Ion: 97 Resp: 111065
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 47.4 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 42.529 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 68670

Ion Ratio Lower Upper

65 100

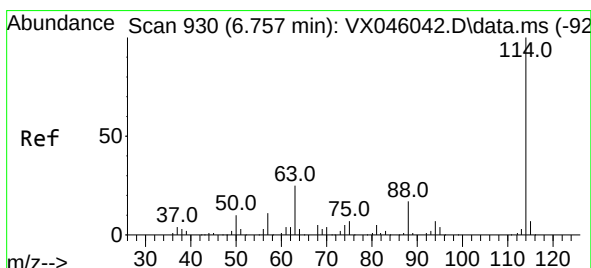
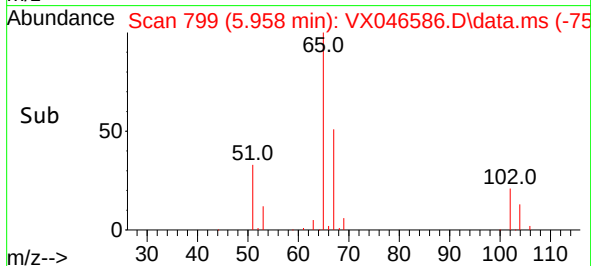
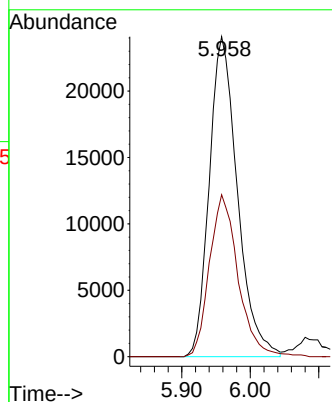
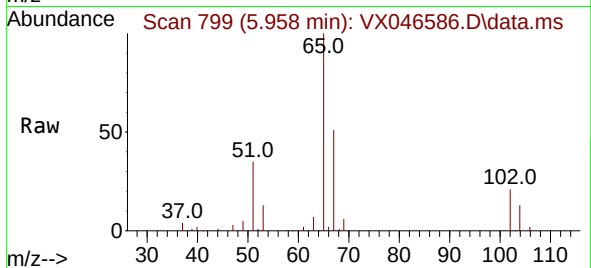
67 51.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.012 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

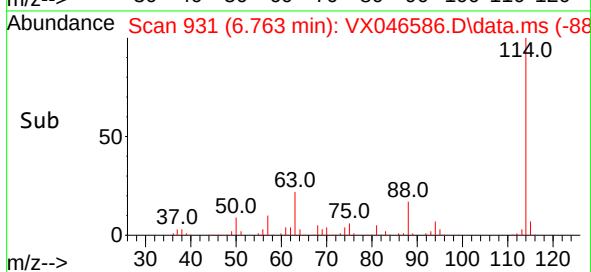
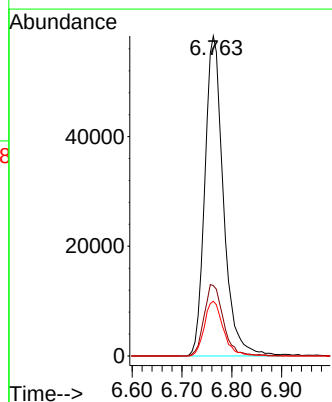
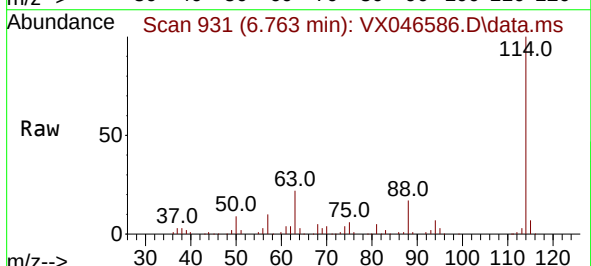
Tgt Ion:114 Resp: 150623

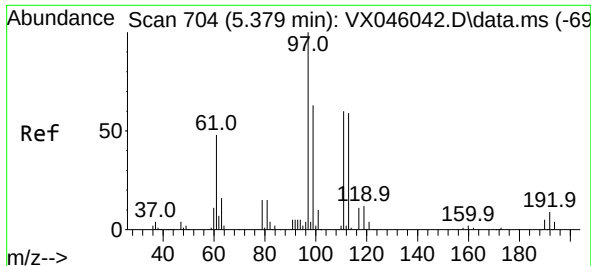
Ion Ratio Lower Upper

114 100

63 22.0 0.0 49.2

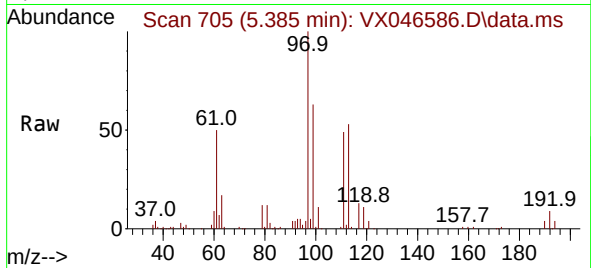
88 17.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 5.385 min Scan# 704
Delta R.T. -0.018 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

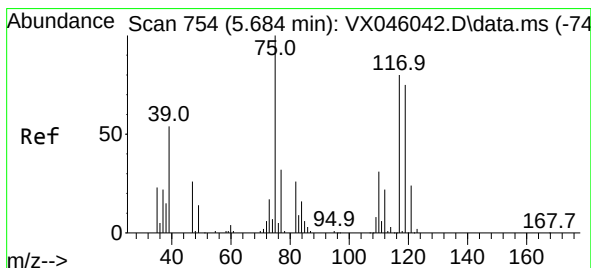
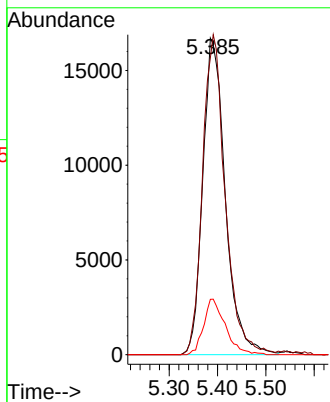
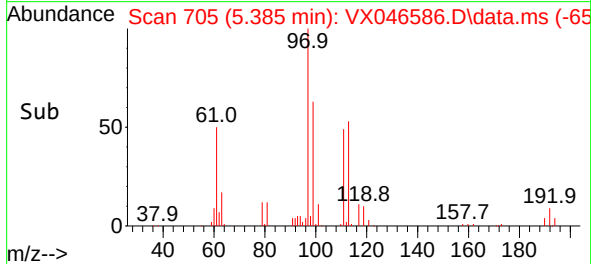
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 54188
Ion Ratio Lower Upper
113 100
111 101.1 83.1 124.7
192 16.9 13.3 19.9

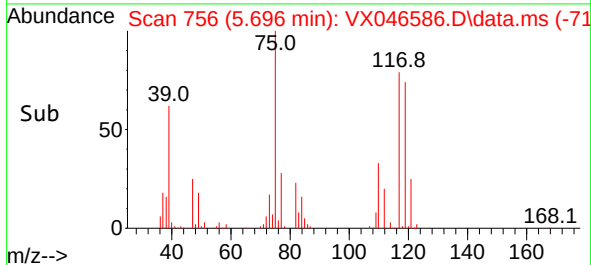
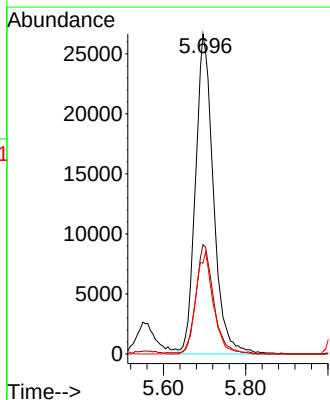
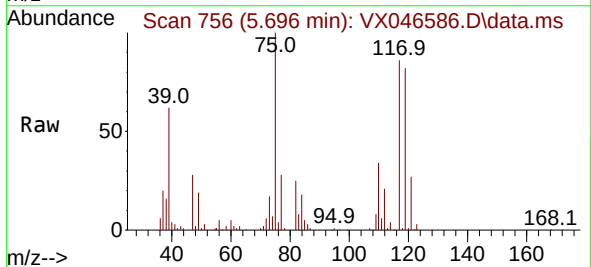
Manual Integrations
APPROVED

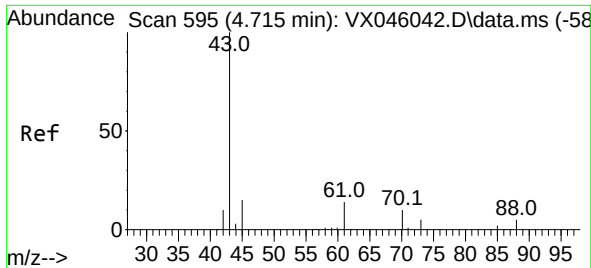
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#36
1,1-Dichloropropene
Concen: 51.010 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.018 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

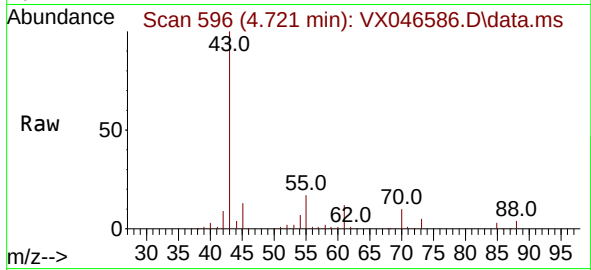
Tgt Ion: 75 Resp: 80709
Ion Ratio Lower Upper
75 100
110 33.6 16.3 48.9
77 31.3 24.3 36.5





#37
Ethyl Acetate
Concen: 51.130 ug/l
RT: 4.721 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

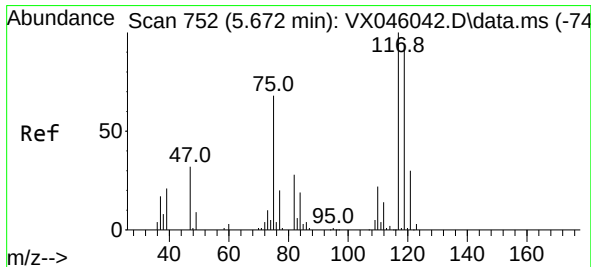
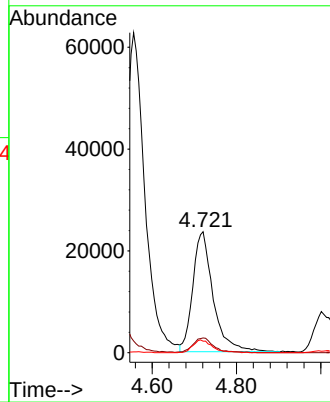
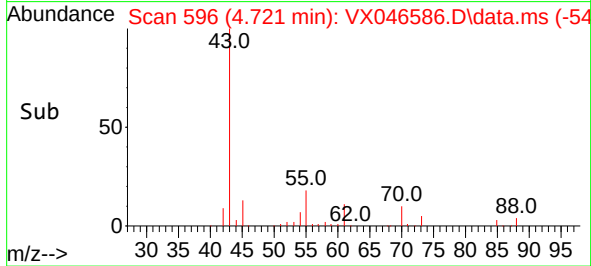
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 7895
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 10.2 7.9 11.9

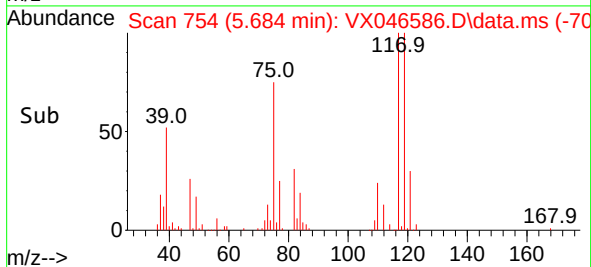
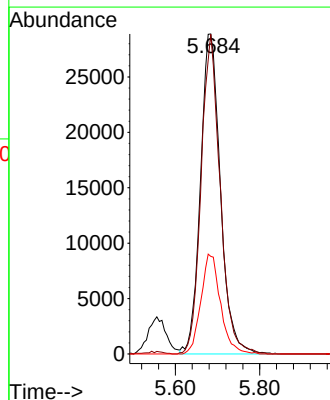
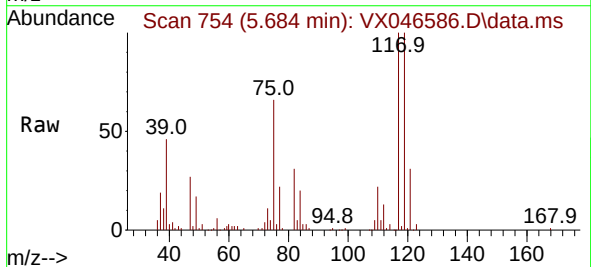
Manual Integrations
APPROVED

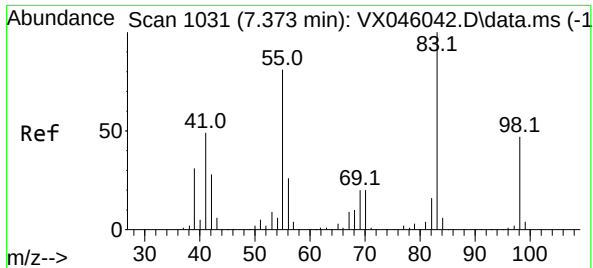
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#38
Carbon Tetrachloride
Concen: 53.694 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:117 Resp: 95156
Ion Ratio Lower Upper
117 100
119 99.9 75.2 112.8
121 30.5 24.2 36.4





#39
Methylcyclohexane
Concen: 50.806 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

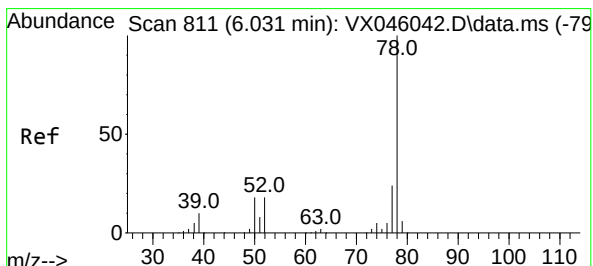
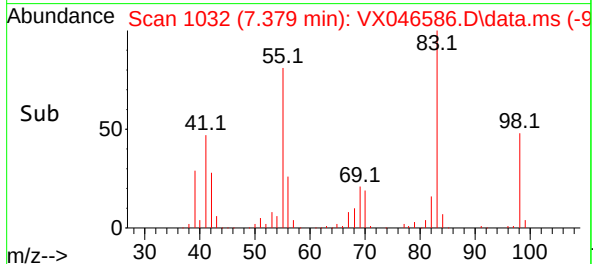
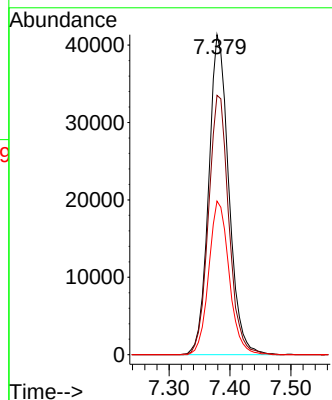
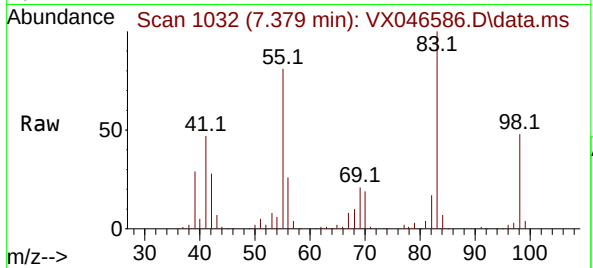
VSTDCCC050

Tgt Ion: 83 Resp: 9488
Ion Ratio Lower Upper
83 100
55 81.1 64.7 97.1
98 48.0 37.4 56.2

Manual Integrations

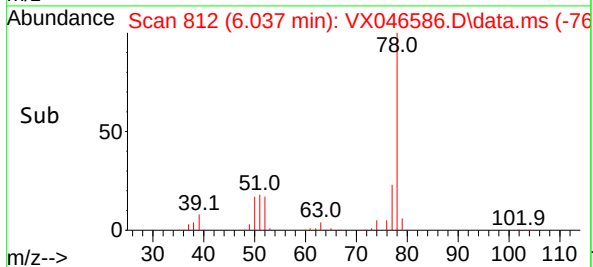
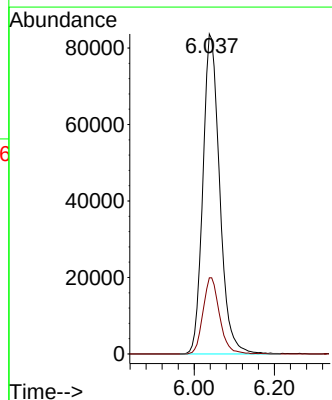
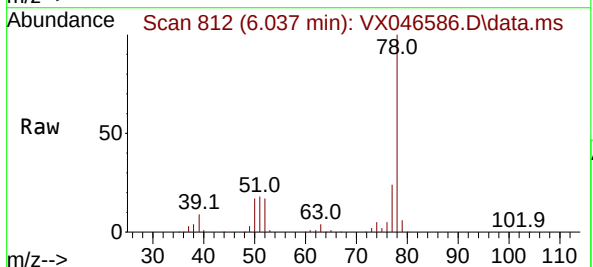
APPROVED

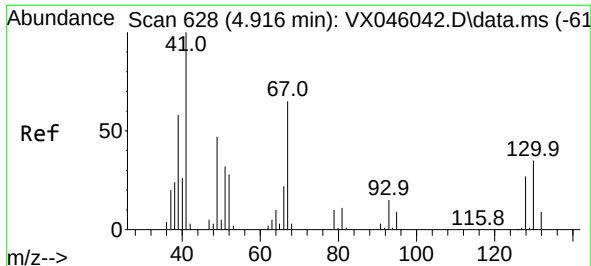
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#40
Benzene
Concen: 54.601 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.019 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 78 Resp: 243205
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





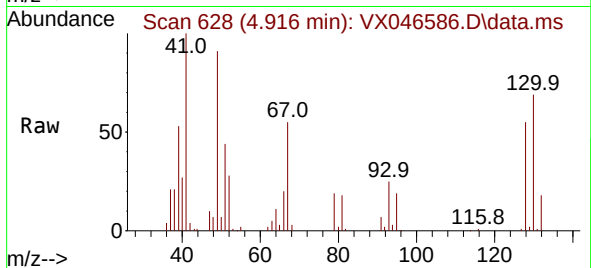
#41
Methacrylonitrile
Concen: 51.438 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



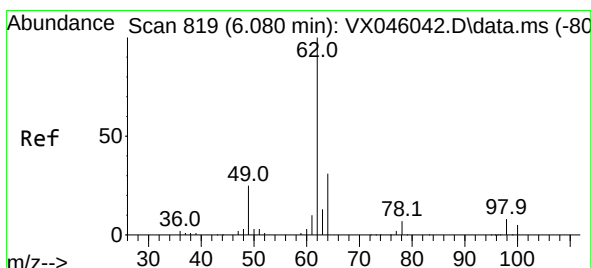
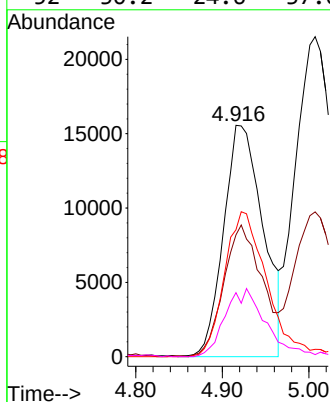
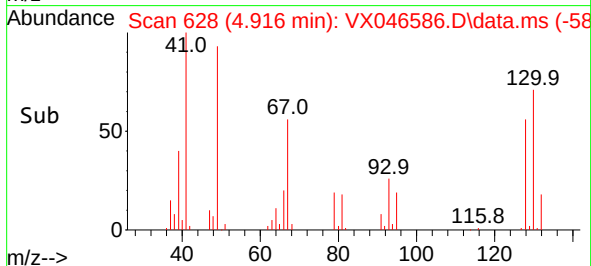
Tgt Ion: 41 Resp: 4932
Ion Ratio Lower Upper
41 100
39 55.6 47.2 70.8
67 68.6 50.7 76.1
52 30.2 24.6 37.0

Manual Integrations

APPROVED

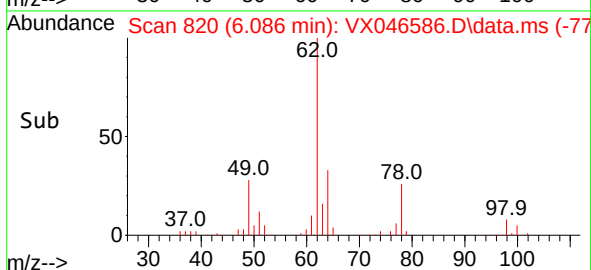
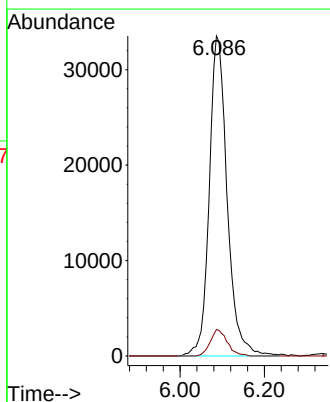
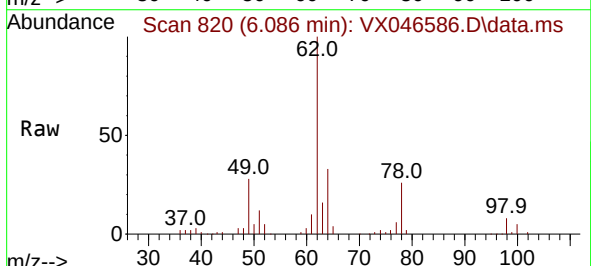
Reviewed By :John Carlone 06/11/2025

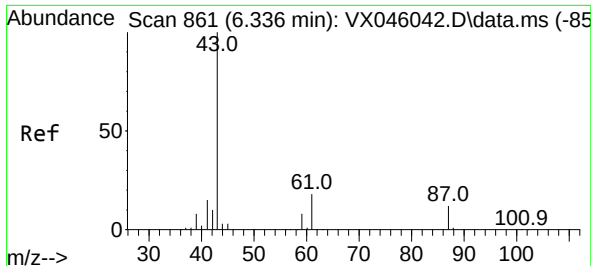
Supervised By :Mahesh Dadoda 06/11/2025



#42
1,2-Dichloroethane
Concen: 53.402 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

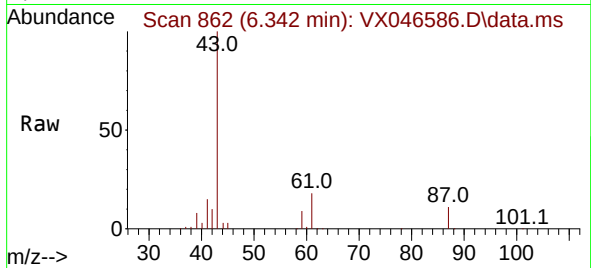
Tgt Ion: 62 Resp: 98959
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 48.737 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

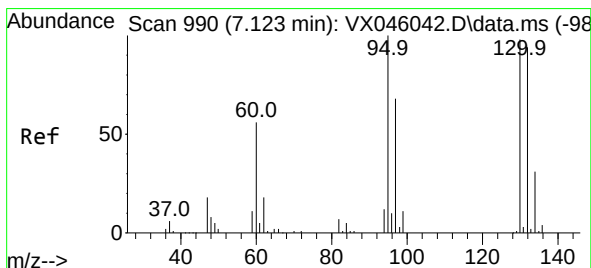
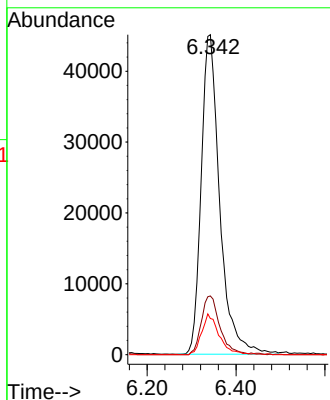
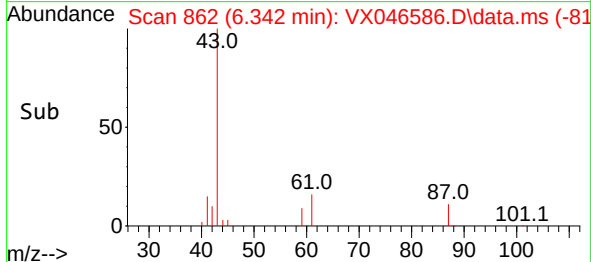
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



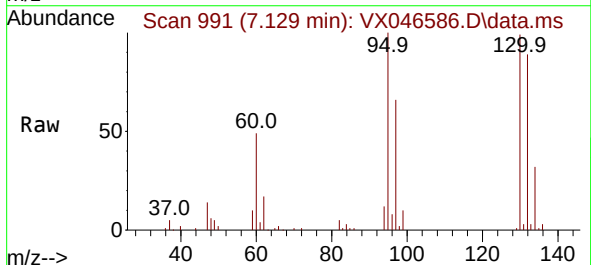
Tgt Ion: 43 Resp: 131200
Ion Ratio Lower Upper
43 100
61 18.4 14.3 21.5
87 12.0 9.5 14.3

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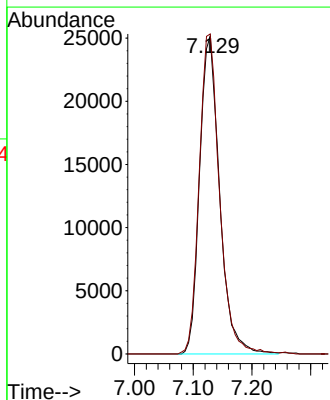
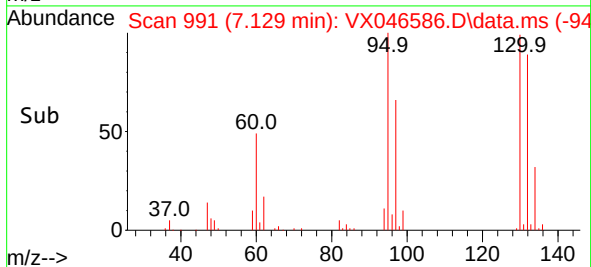
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

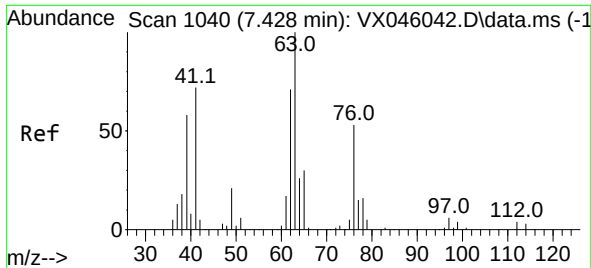


#44
Trichloroethene
Concen: 52.534 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



Tgt Ion:130 Resp: 59456
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.2





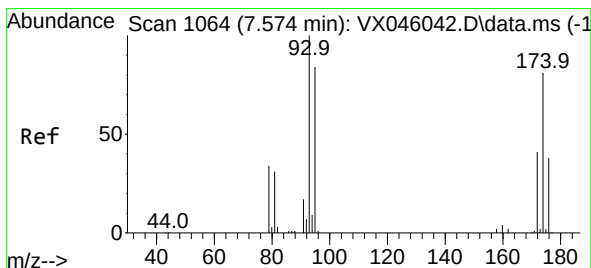
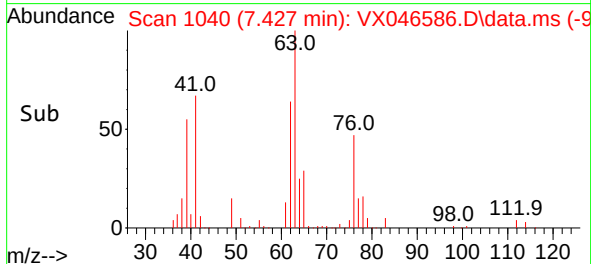
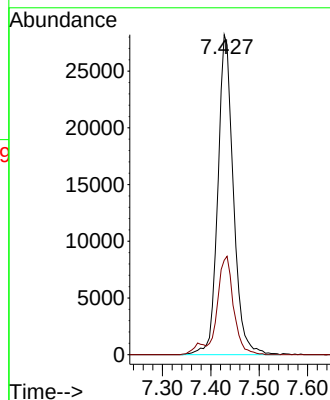
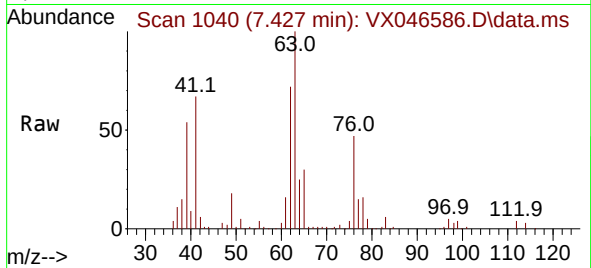
#45
1,2-Dichloropropane
Concen: 54.858 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.013 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6307
Ion Ratio Lower Upper
63 100
65 29.5 24.1 36.1

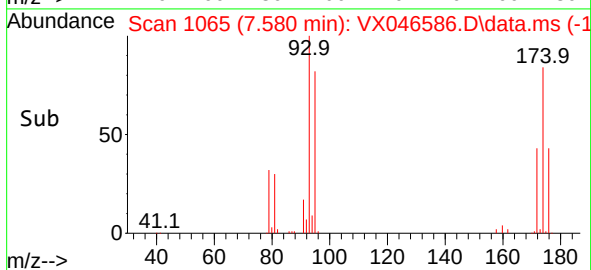
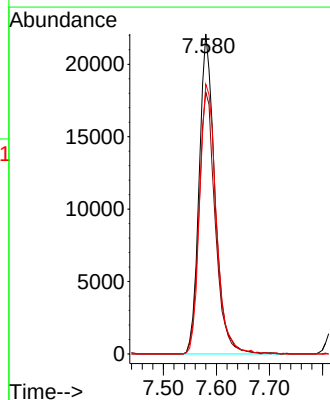
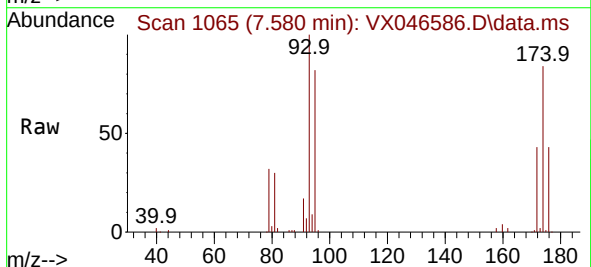
Manual Integrations
APPROVED

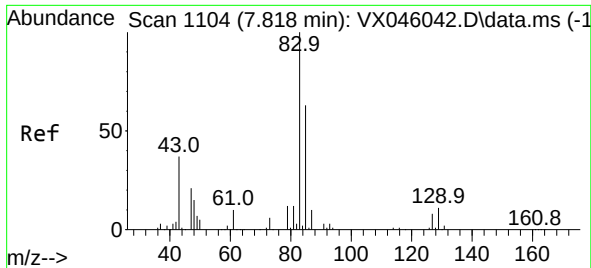
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#46
Dibromomethane
Concen: 52.699 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

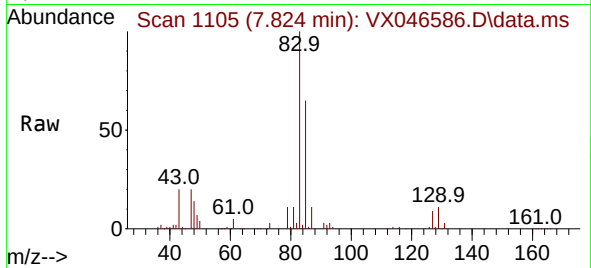
Tgt Ion: 93 Resp: 45581
Ion Ratio Lower Upper
93 100
95 84.4 65.6 98.4
174 89.3 68.2 102.2





#47
Bromodichloromethane
Concen: 57.103 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

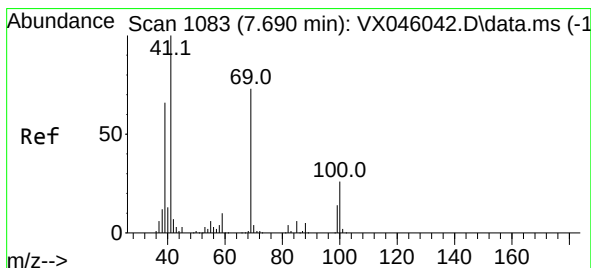
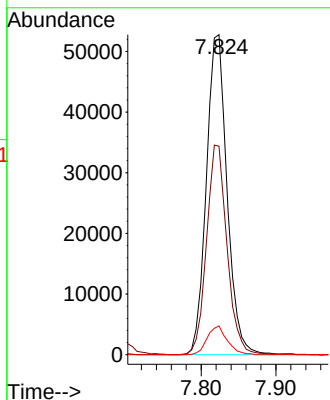
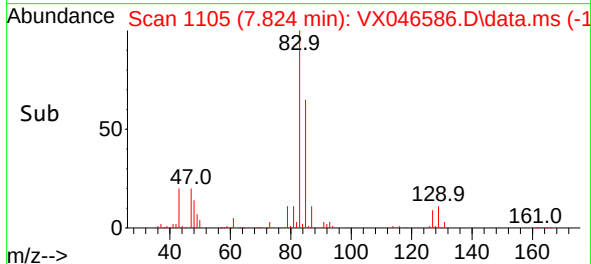
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 101554
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 9.0 6.5 9.7

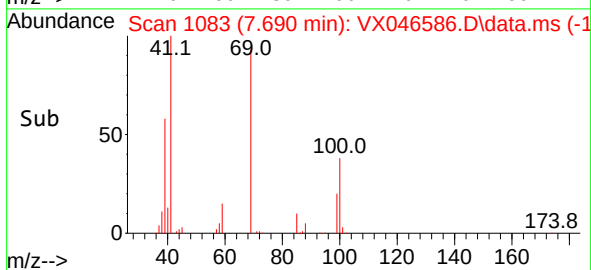
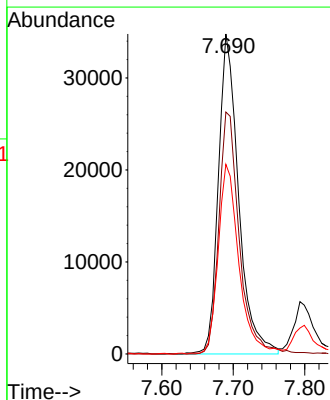
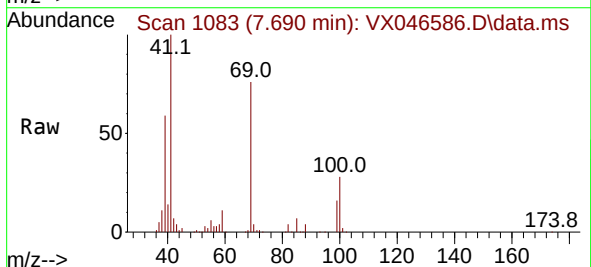
Manual Integrations
APPROVED

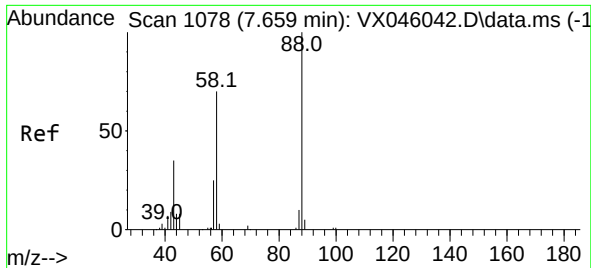
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
Methyl methacrylate
Concen: 49.326 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 41 Resp: 68324
Ion Ratio Lower Upper
41 100
69 76.8 58.5 87.7
39 61.0 51.7 77.5





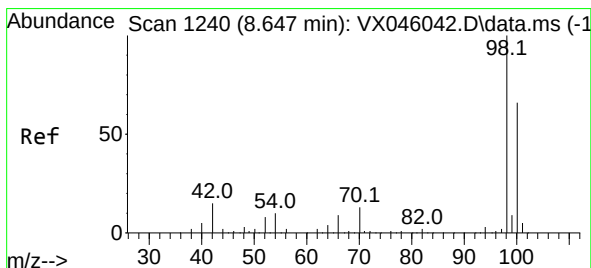
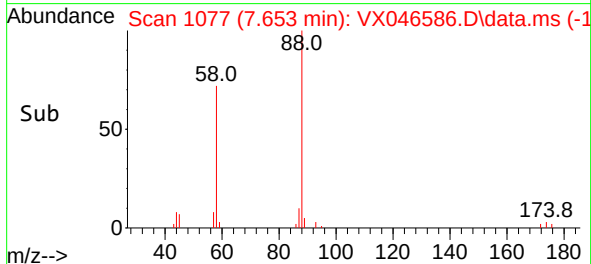
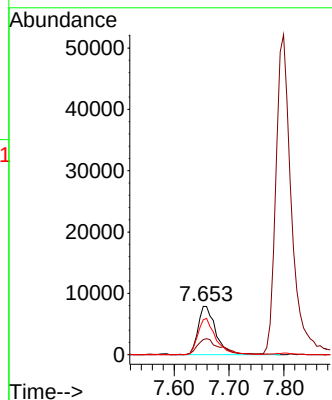
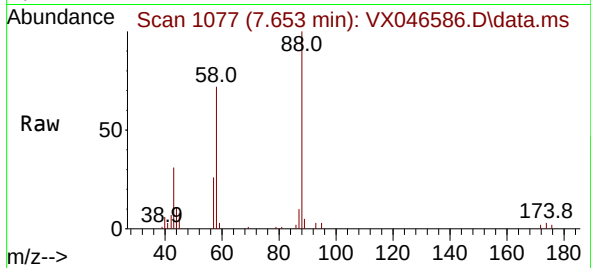
#49
1,4-Dioxane
Concen: 952.914 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.018 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 1765
Ion Ratio Lower Upper
88 100
43 42.7 33.4 50.2
58 75.6 58.6 88.0

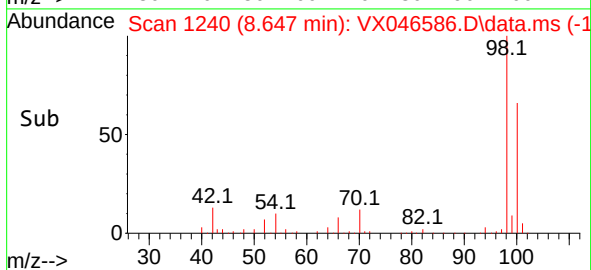
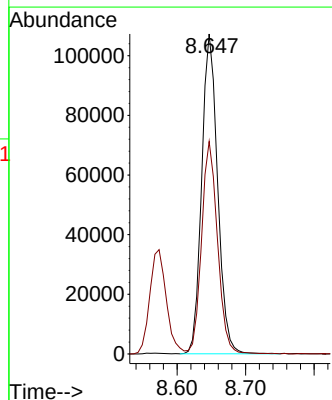
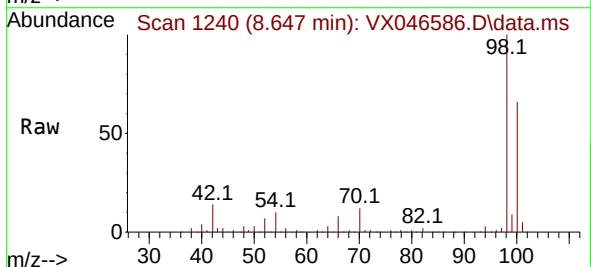
Manual Integrations
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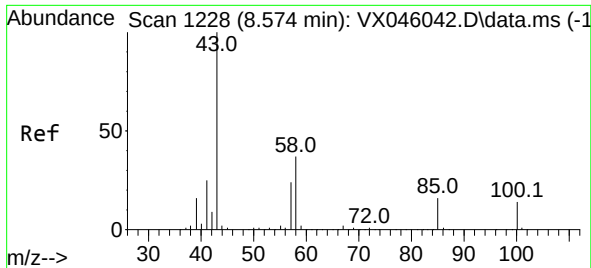
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#50
Toluene-d8
Concen: 47.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 98 Resp: 173470
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3





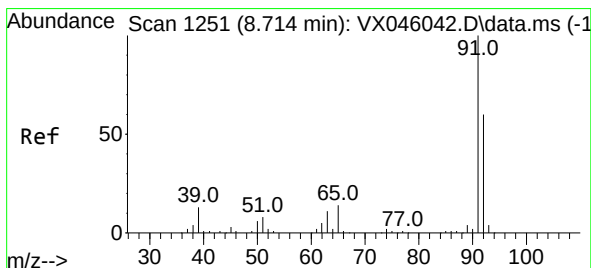
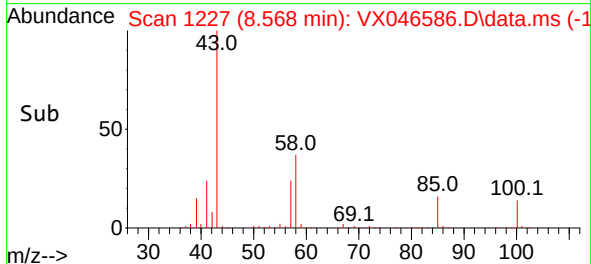
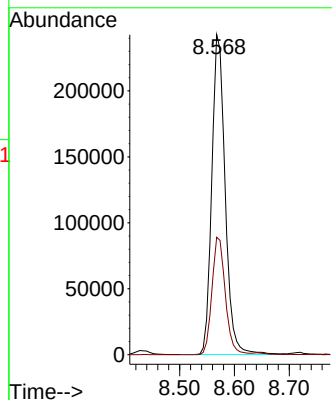
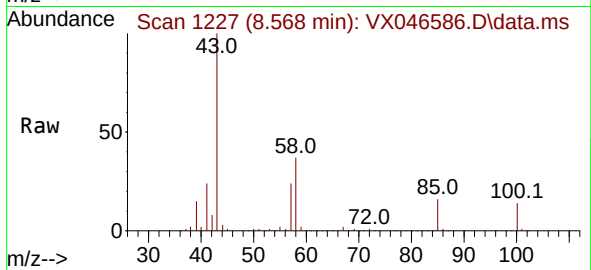
#51
4-Methyl-2-Pentanone
Concen: 239.572 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.005 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 409850
Ion Ratio Lower Upper
43 100
58 36.6 28.9 43.3

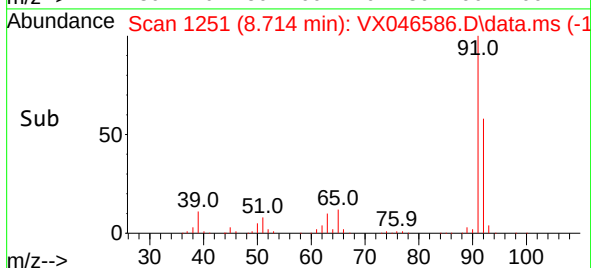
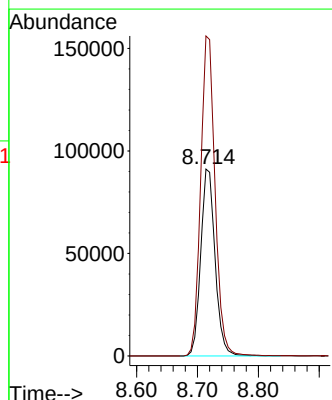
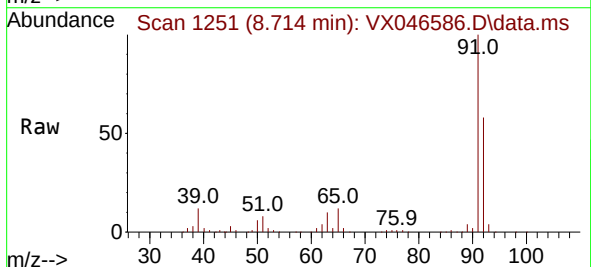
Manual Integrations
APPROVED

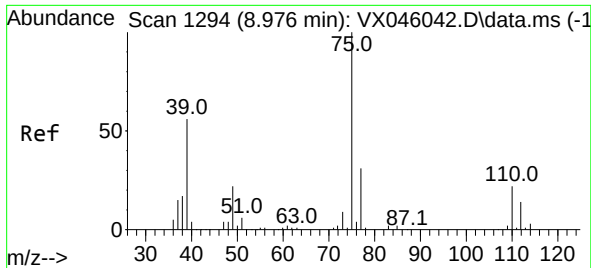
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#52
Toluene
Concen: 54.605 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

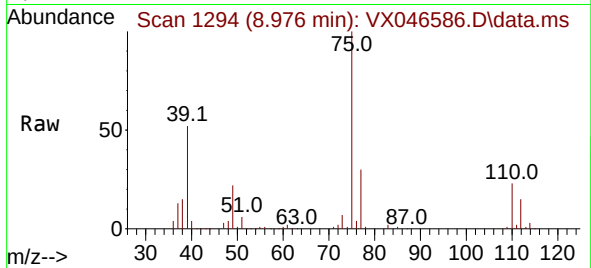
Tgt Ion: 92 Resp: 149428
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 57.101 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

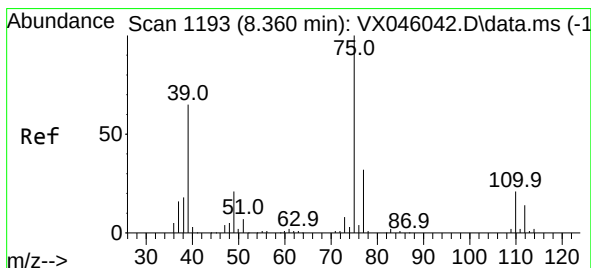
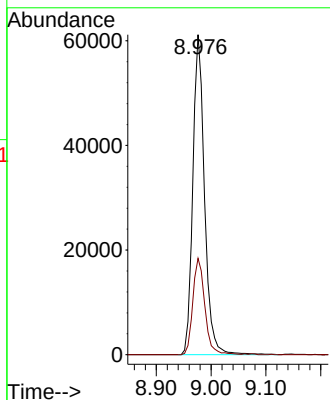
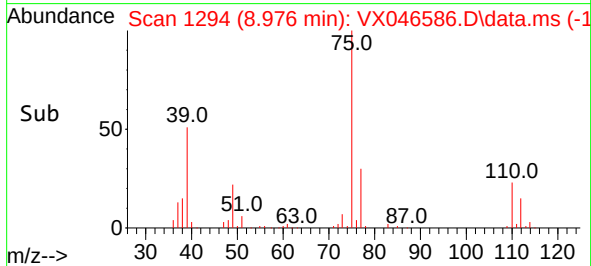
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 91050
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6

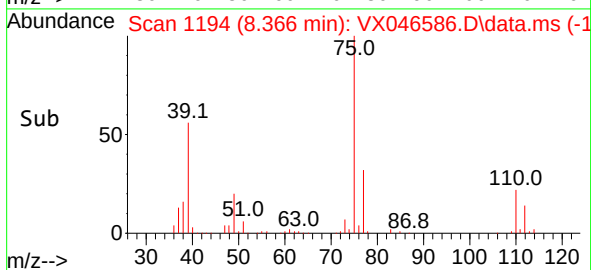
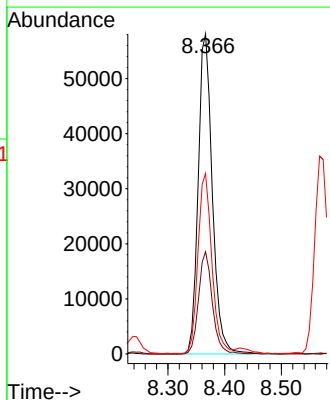
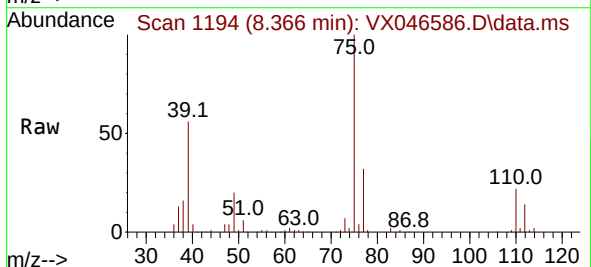
Manual Integrations
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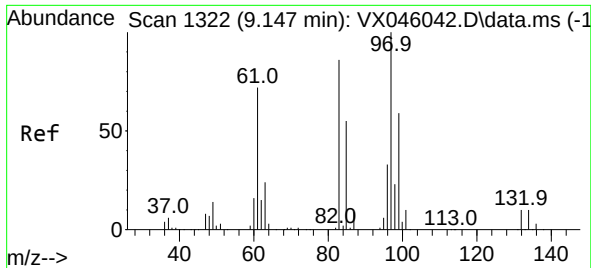
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
cis-1,3-Dichloropropene
Concen: 56.746 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

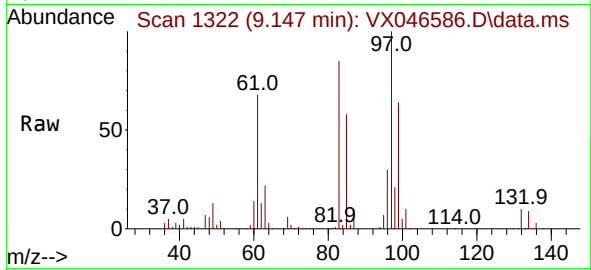
Tgt Ion: 75 Resp: 100606
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 56.2 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 55.174 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

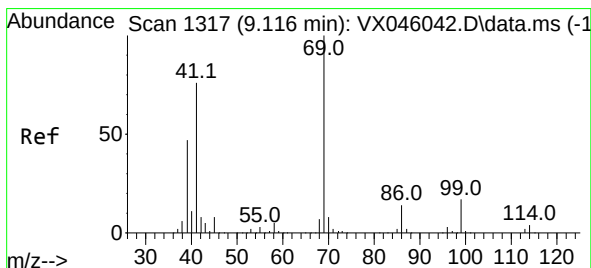
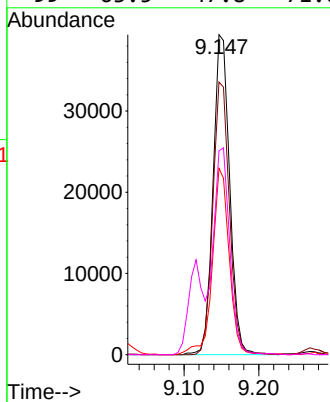
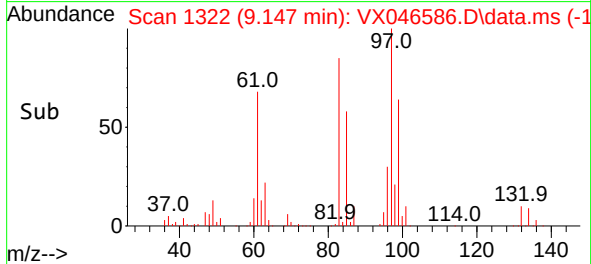
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



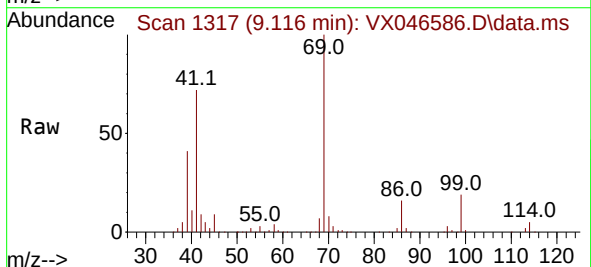
Tgt Ion: 97 Resp: 60612
Ion Ratio Lower Upper
97 100
83 85.2 69.0 103.6
85 58.1 44.3 66.5
99 63.5 47.8 71.6

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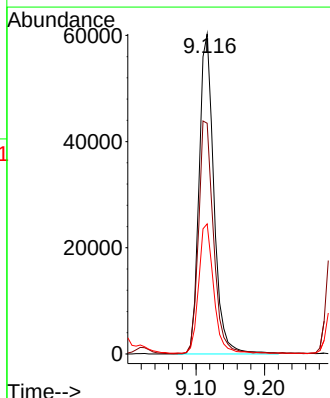
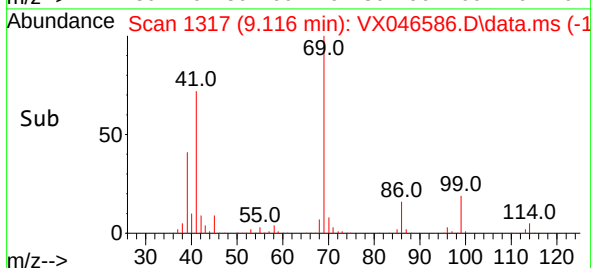
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

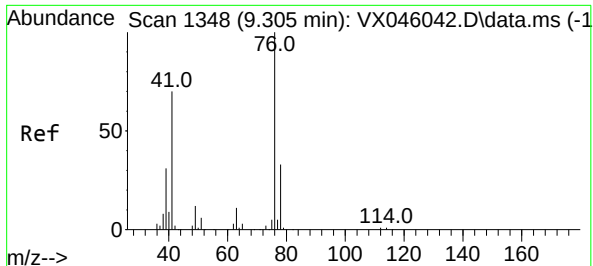


#56
Ethyl methacrylate
Concen: 53.621 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



Tgt Ion: 69 Resp: 90648
Ion Ratio Lower Upper
69 100
41 73.7 60.8 91.2
39 41.1 39.0 58.6





#57

1,3-Dichloropropane

Concen: 53.935 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 104709

Ion Ratio Lower Upper

76 100

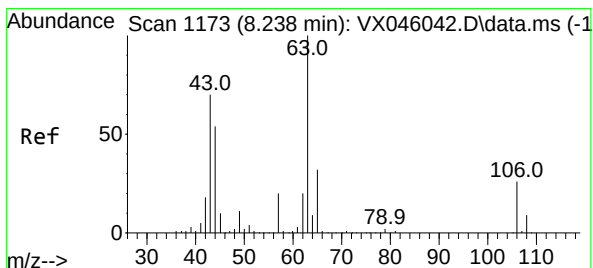
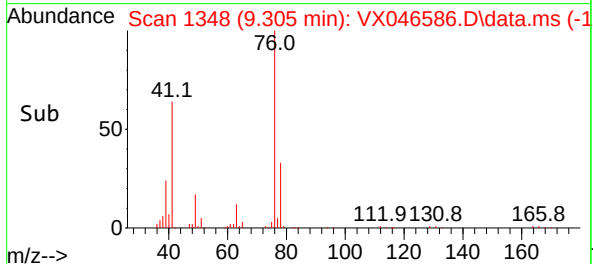
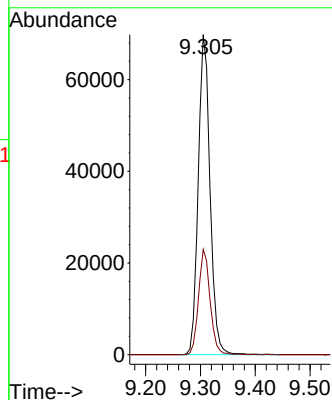
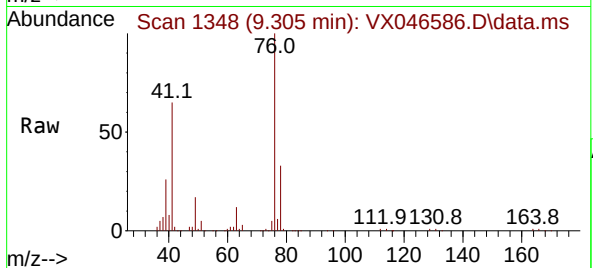
78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 245.588 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046586.D

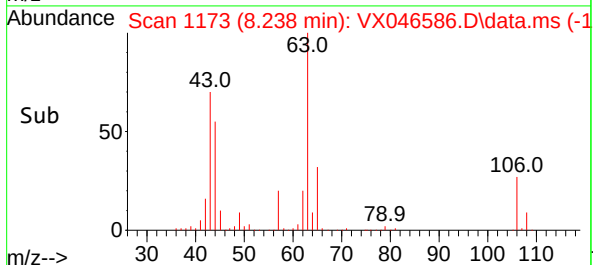
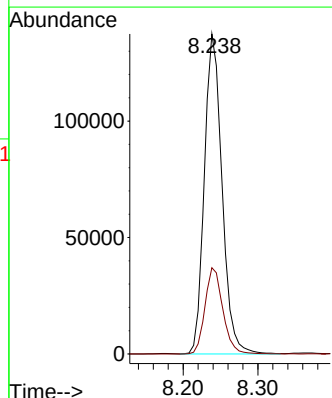
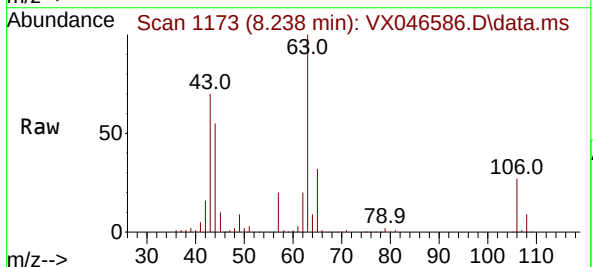
Acq: 10 Jun 2025 09:07

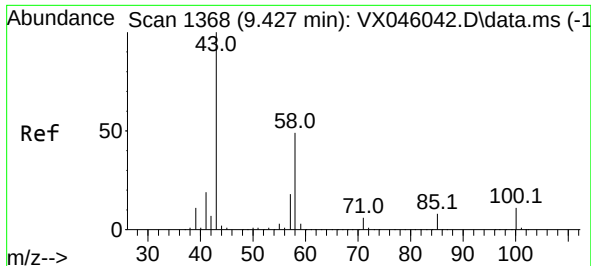
Tgt Ion: 63 Resp: 226143

Ion Ratio Lower Upper

63 100

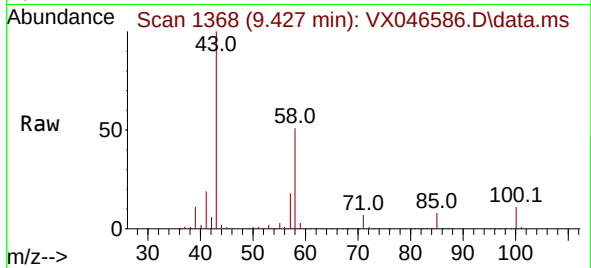
106 27.2 21.5 32.3





#59
2-Hexanone
Concen: 229.299 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

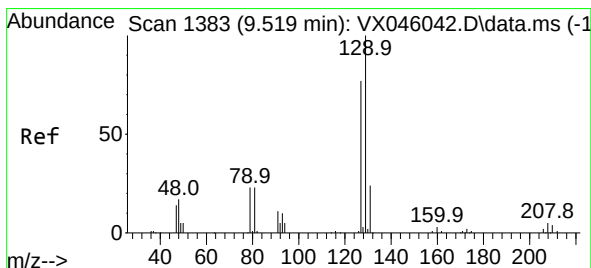
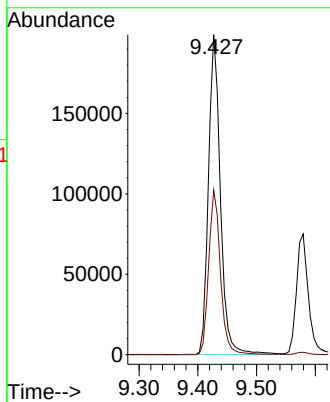
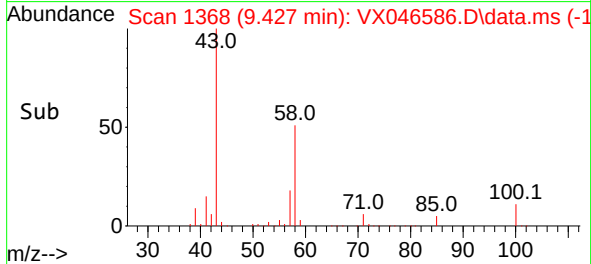
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 281334
Ion Ratio Lower Upper
43 100
58 50.8 24.9 74.6

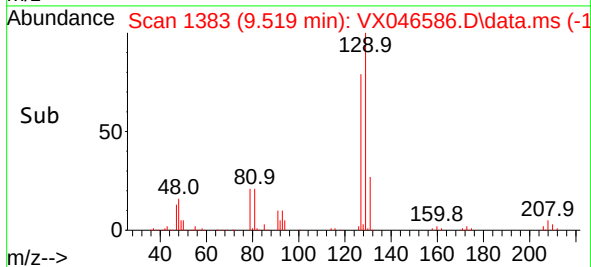
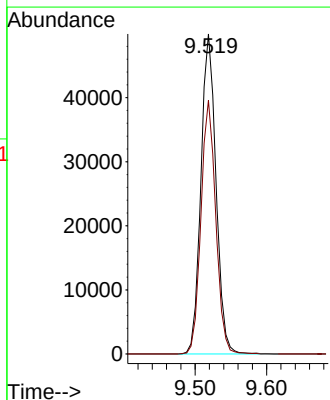
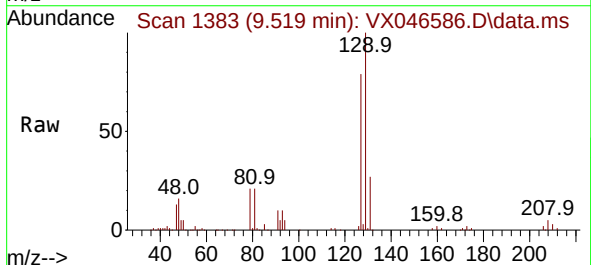
Manual Integrations
APPROVED

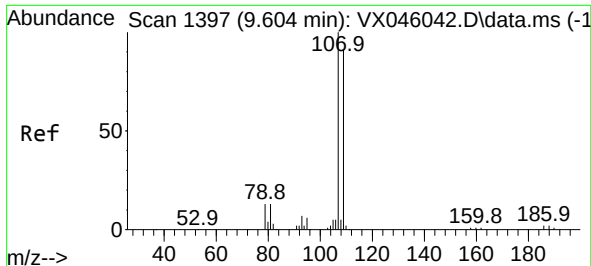
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#60
Dibromochloromethane
Concen: 56.586 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:129 Resp: 73121
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





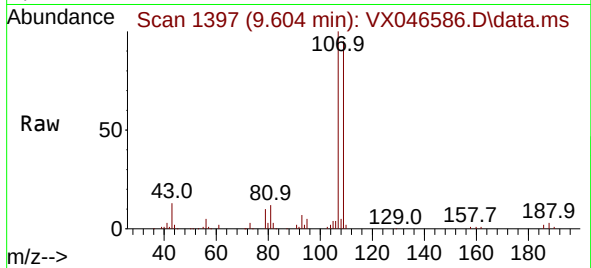
#61
1,2-Dibromoethane
Concen: 51.925 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



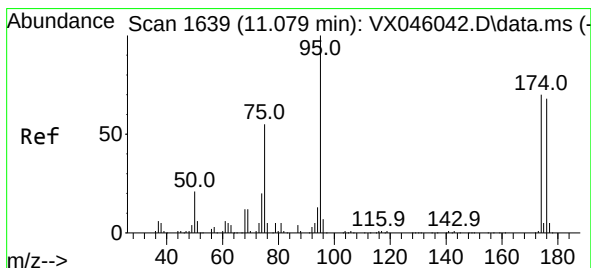
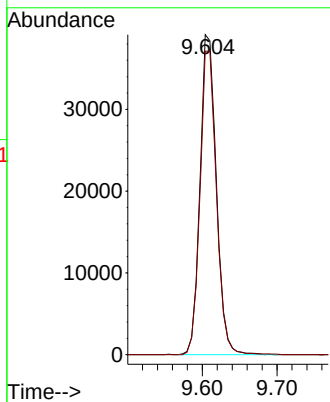
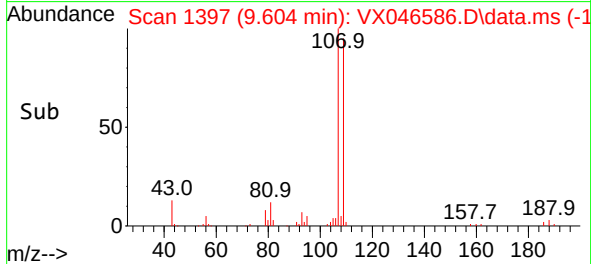
Tgt Ion:107 Resp: 5944
Ion Ratio Lower Upper
107 100
109 95.3 73.3 109.9

Manual Integrations

APPROVED

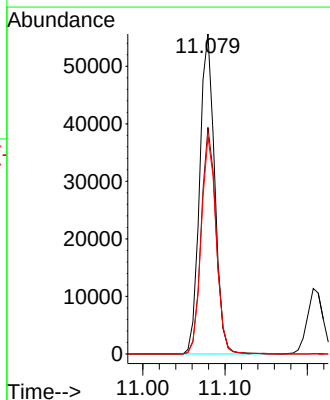
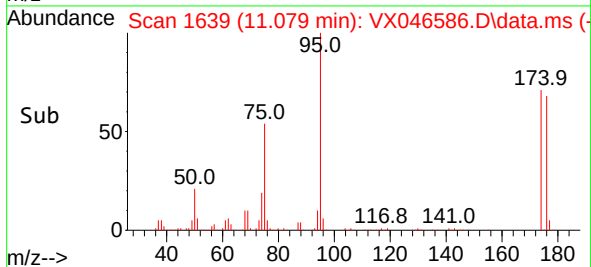
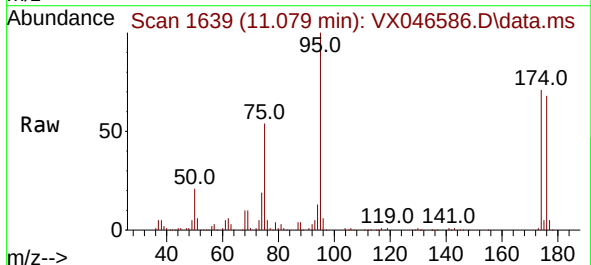
Reviewed By :John Carlone 06/11/2025

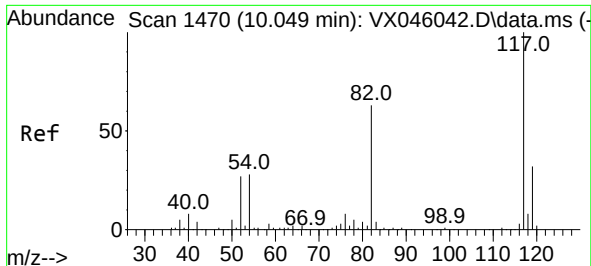
Supervised By :Mahesh Dadoda 06/11/2025



#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

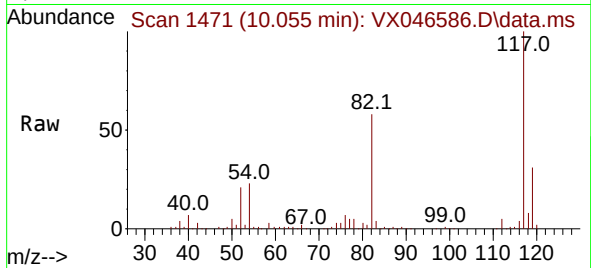
Tgt Ion: 95 Resp: 70476
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.8
176 67.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

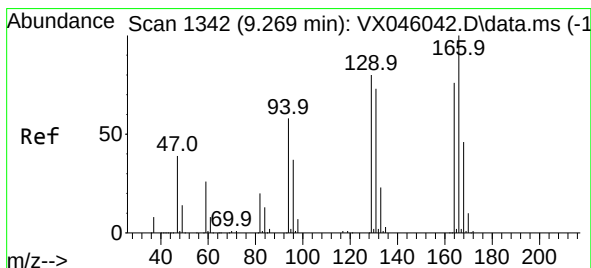
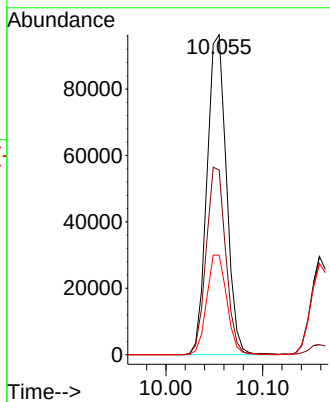
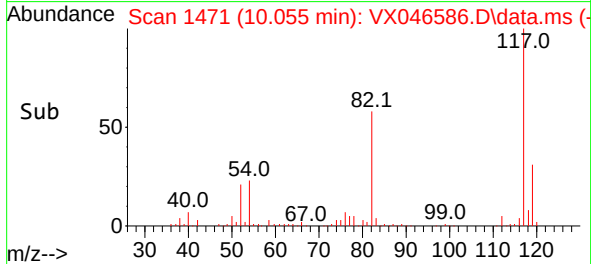
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 13476
Ion Ratio Lower Upper
117 100
82 57.7 50.6 76.0
119 31.1 25.8 38.6

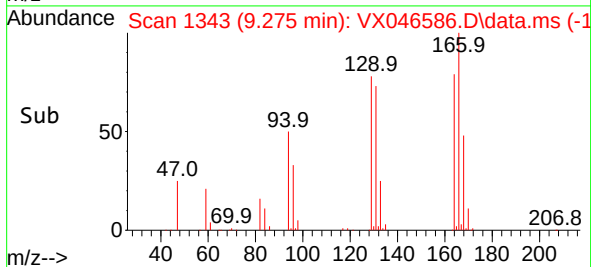
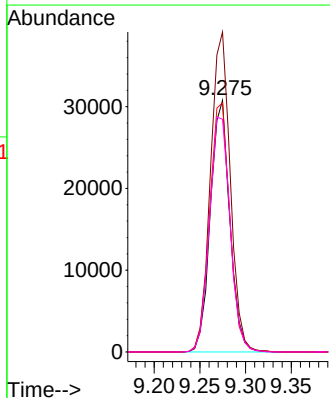
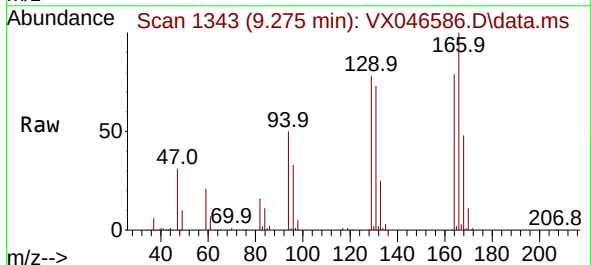
Manual Integrations
APPROVED

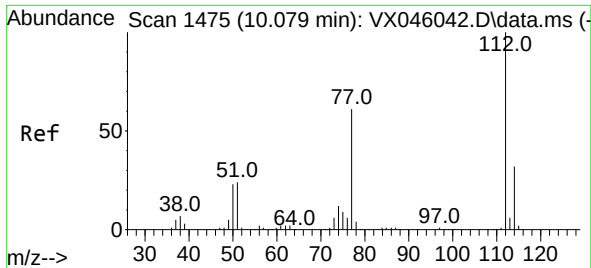
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Tetrachloroethene
Concen: 50.206 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:164 Resp: 45245
Ion Ratio Lower Upper
164 100
166 127.2 105.0 157.6
129 99.0 83.5 125.3
131 92.5 76.5 114.7





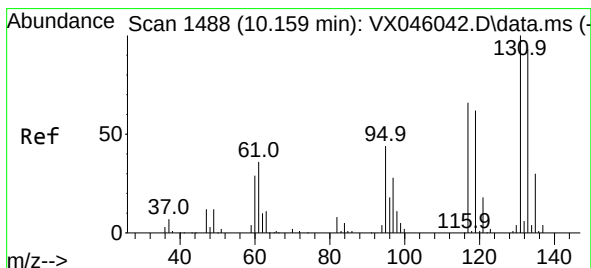
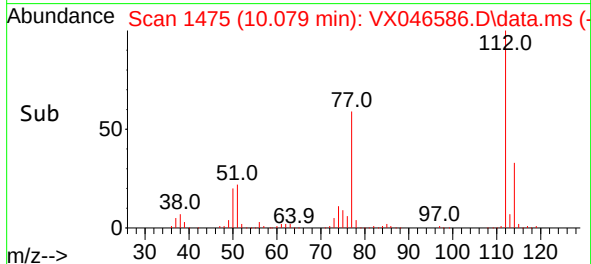
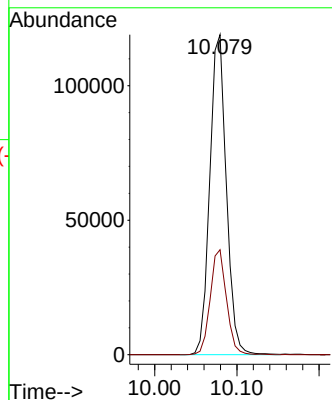
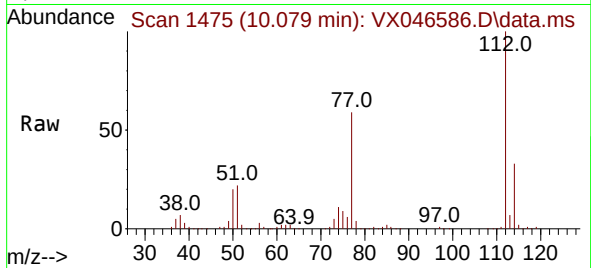
#65
Chlorobenzene
Concen: 52.473 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 166310
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

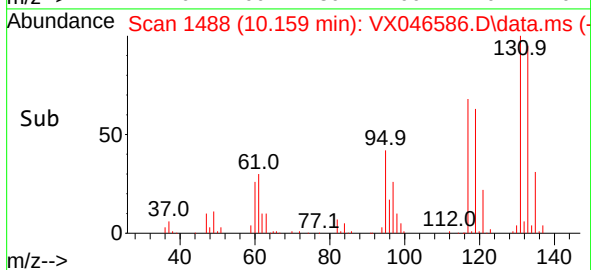
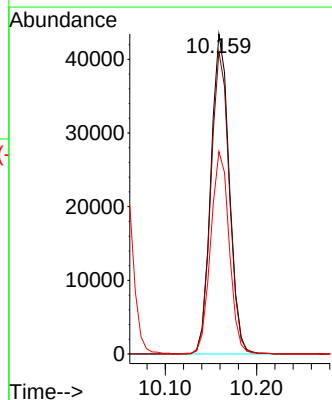
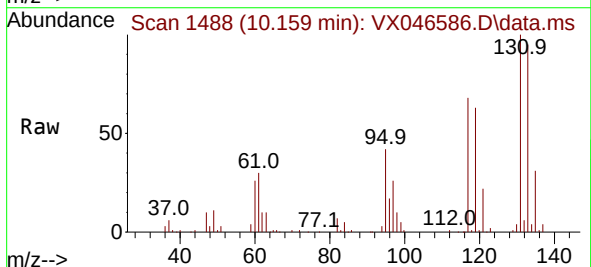
Manual Integrations
APPROVED

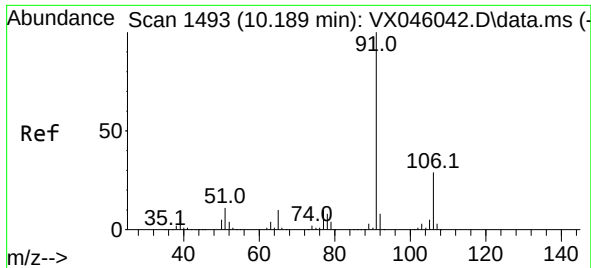
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.356 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:131 Resp: 60360
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 64.0 31.6 95.0





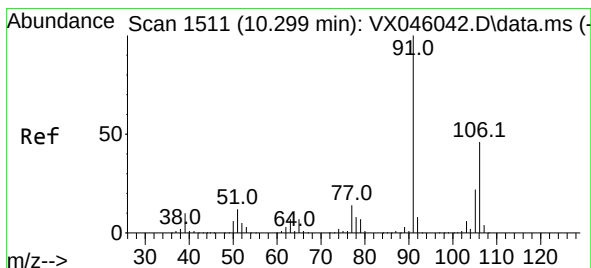
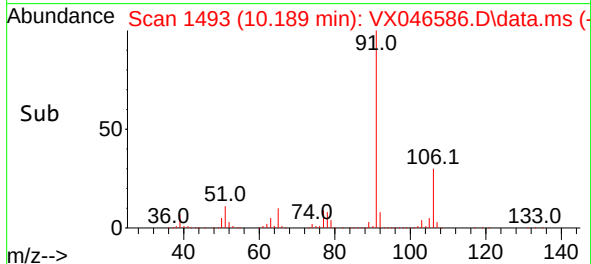
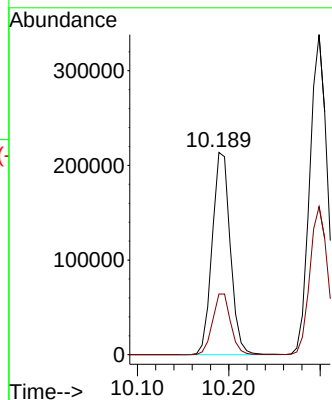
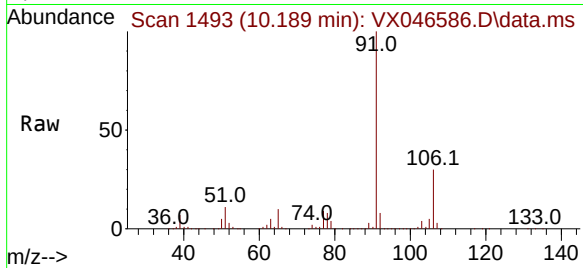
#67
Ethyl Benzene
Concen: 53.081 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 293712
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2

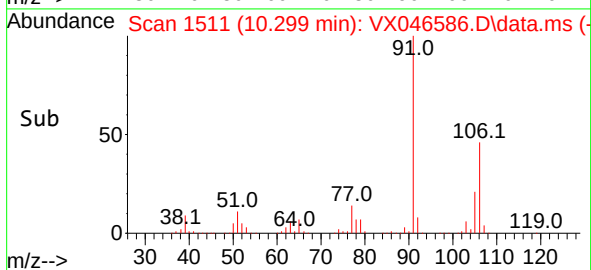
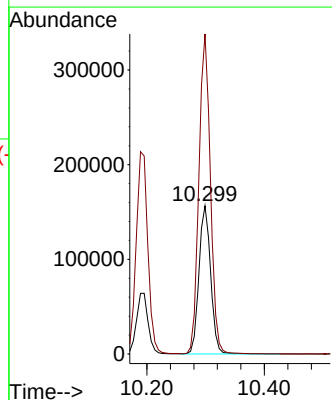
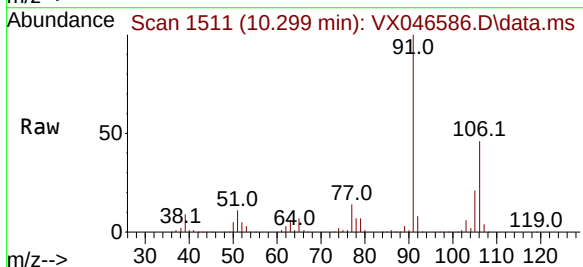
Manual Integrations
APPROVED

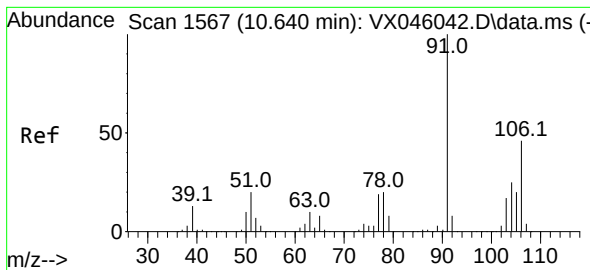
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
m/p-Xylenes
Concen: 107.686 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:106 Resp: 216146
Ion Ratio Lower Upper
106 100
91 213.1 171.2 256.8





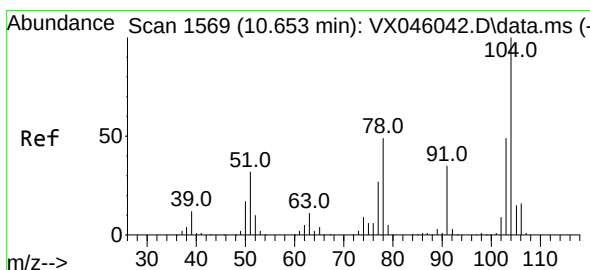
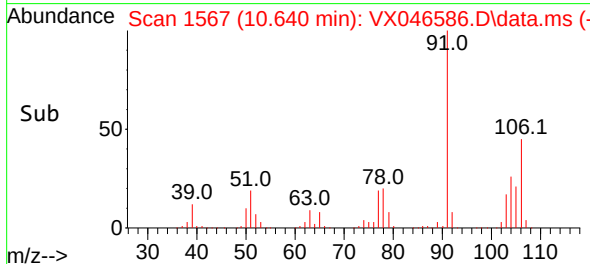
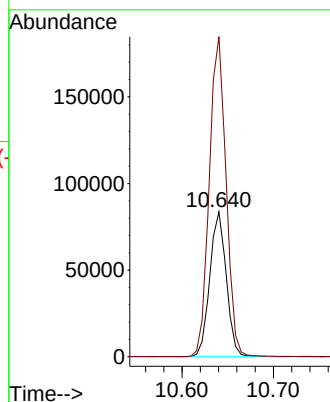
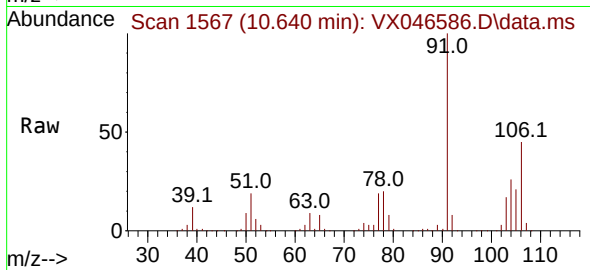
#69
o-Xylene
Concen: 53.823 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 104495
Ion Ratio Lower Upper
106 100
91 225.3 112.7 338.1

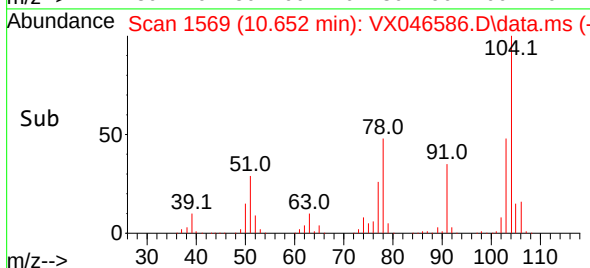
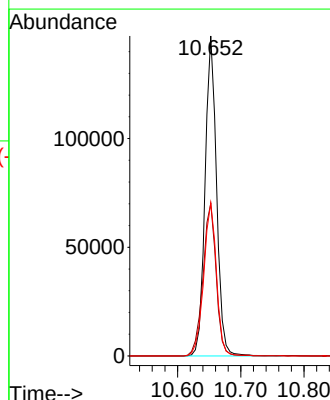
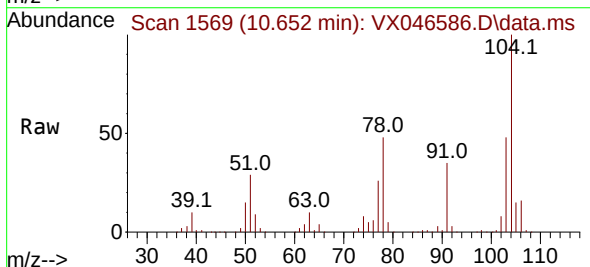
Manual Integrations
APPROVED

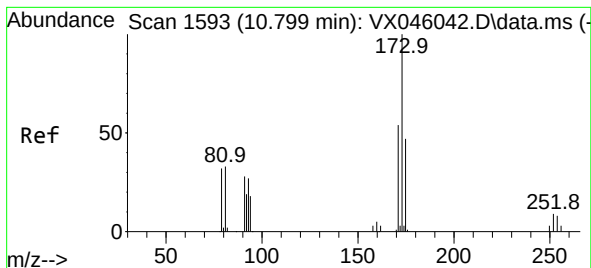
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Styrene
Concen: 56.124 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:104 Resp: 186521
Ion Ratio Lower Upper
104 100
78 54.6 45.7 68.5
103 53.2 43.7 65.5





#71

Bromoform

Concen: 55.623 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 45425

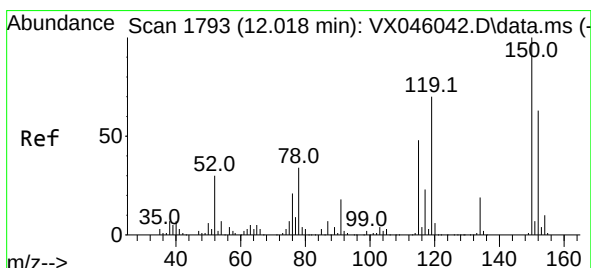
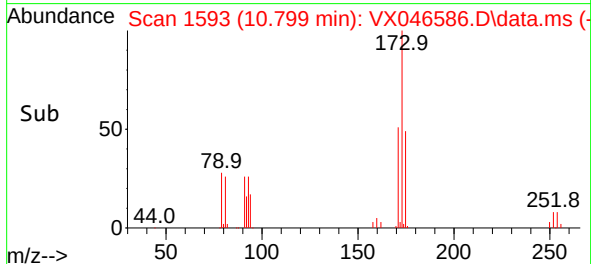
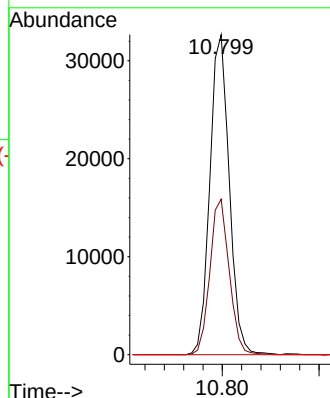
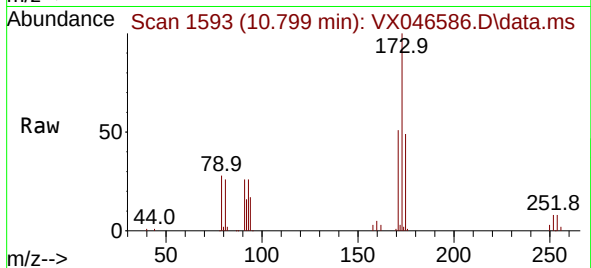
Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

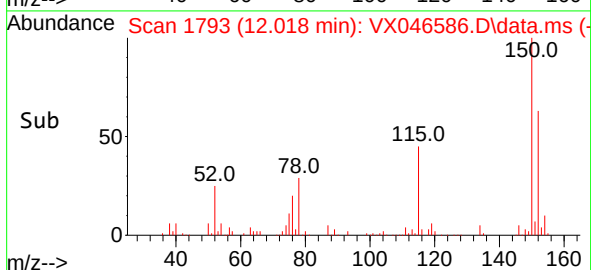
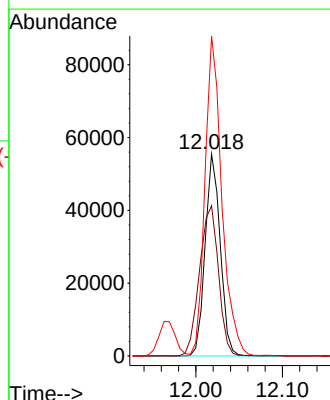
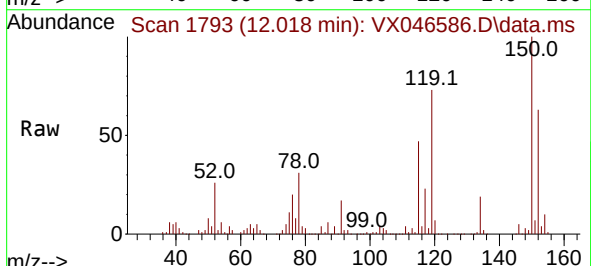
Delta R.T. -0.006 min

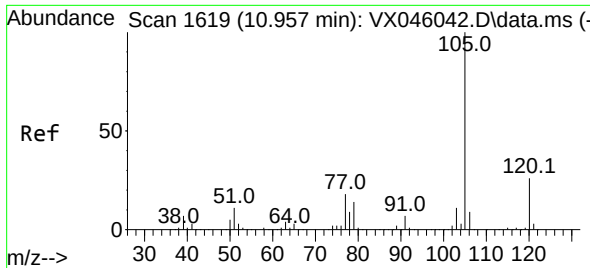
Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Tgt Ion:152 Resp: 66941

Ion	Ratio	Lower	Upper
152	100		
115	93.9	46.9	140.7
150	177.3	0.0	351.0





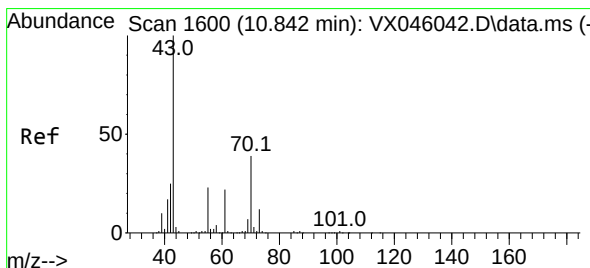
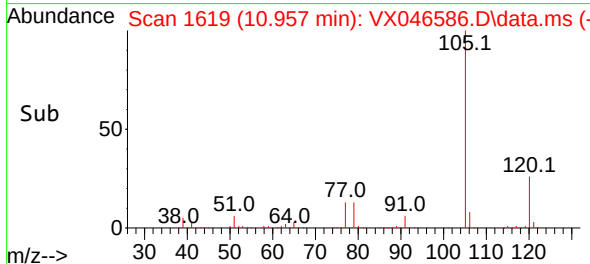
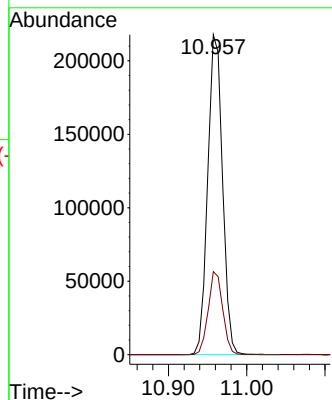
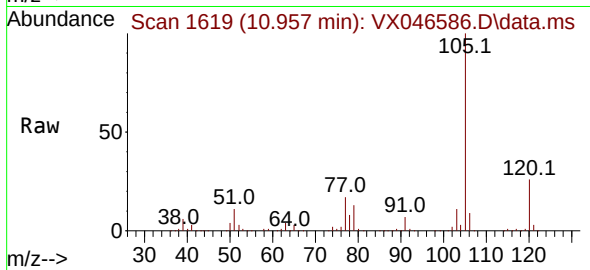
#73
Isopropylbenzene
Concen: 54.106 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 28471
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

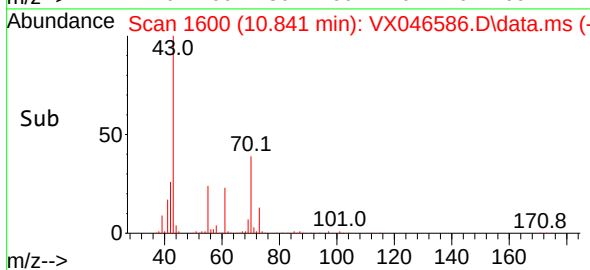
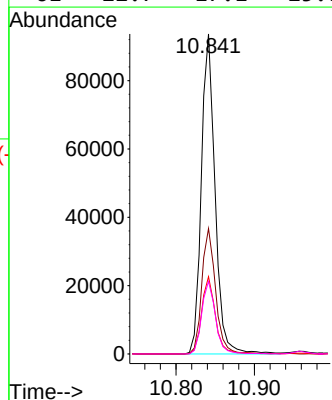
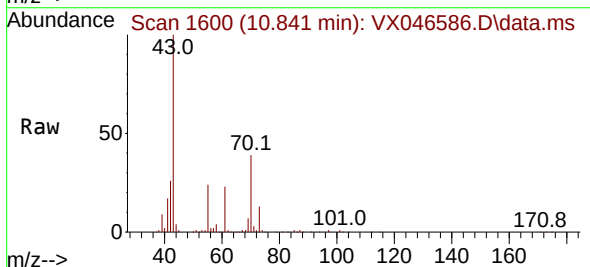
Manual Integrations
APPROVED

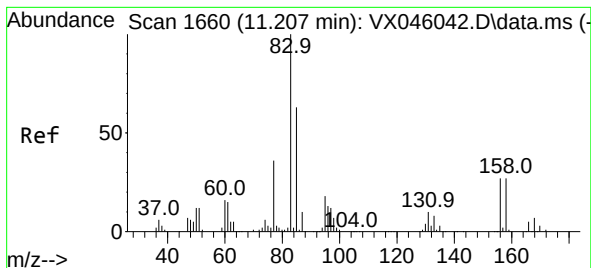
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#74
N-ethyl acetate
Concen: 49.214 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

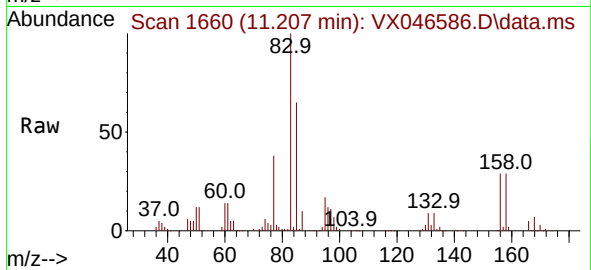
Tgt Ion: 43 Resp: 114046
Ion Ratio Lower Upper
43 100
70 39.5 30.9 46.3
55 24.2 18.7 28.1
61 22.7 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.980 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07

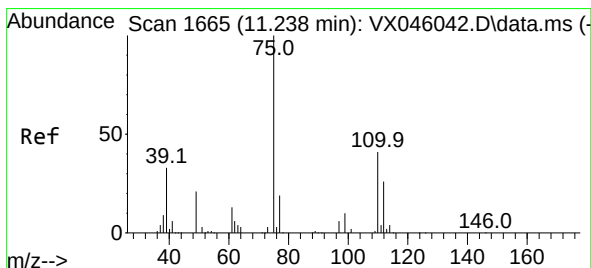
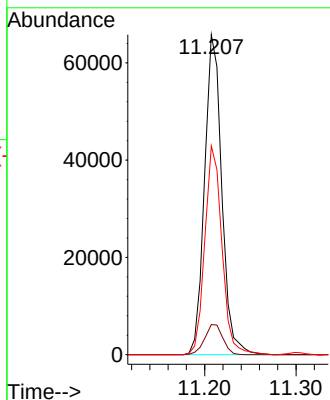
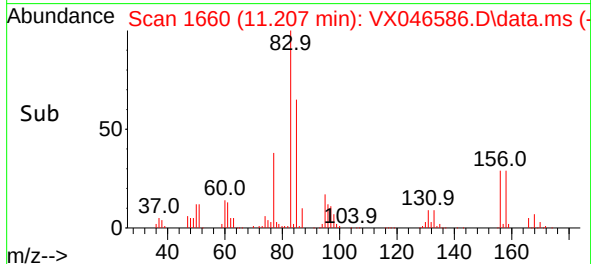
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



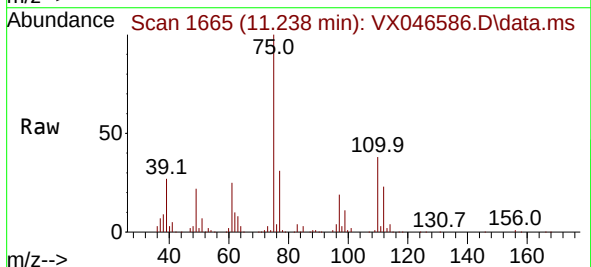
Tgt Ion: 83 Resp: 85869
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 64.9 31.9 95.7

Manual Integrations
 APPROVED

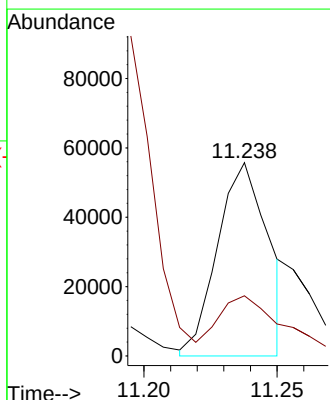
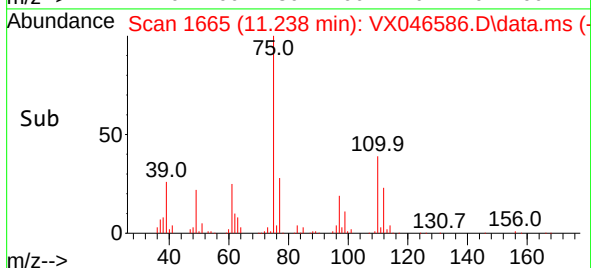
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

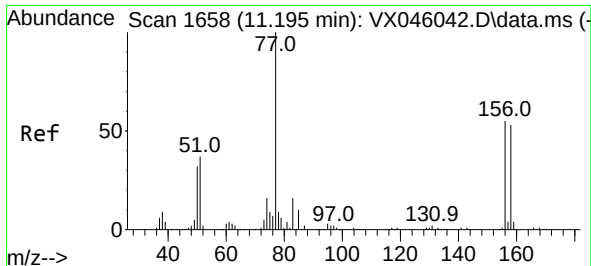


#76
 1,2,3-Trichloropropane
 Concen: 52.008 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07



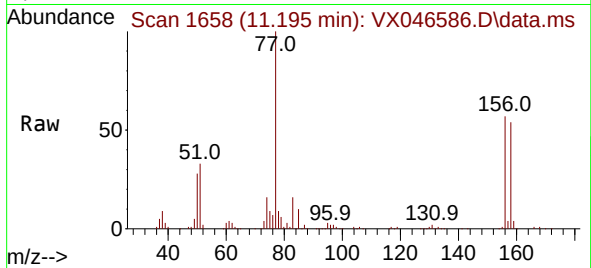
Tgt Ion: 75 Resp: 73742
 Ion Ratio Lower Upper
 75 100
 77 40.6 20.5 61.5





#77
Bromobenzene
Concen: 55.440 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

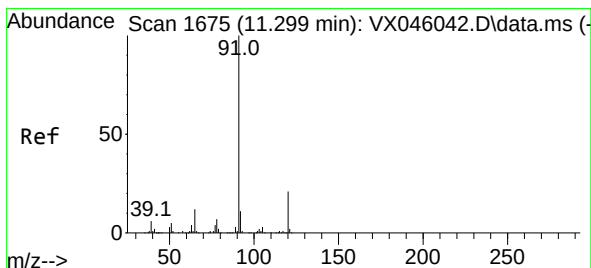
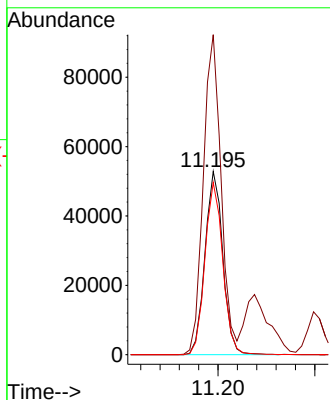
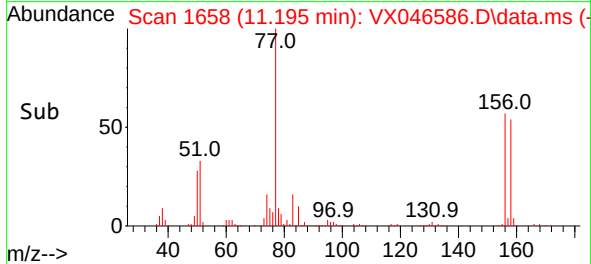
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 67715
Ion Ratio Lower Upper
156 100
77 174.3 92.8 278.3
158 94.6 48.8 146.3

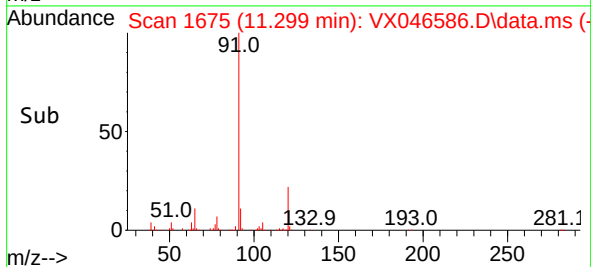
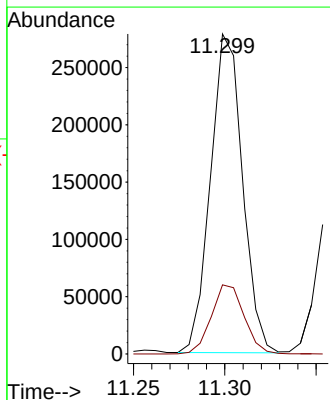
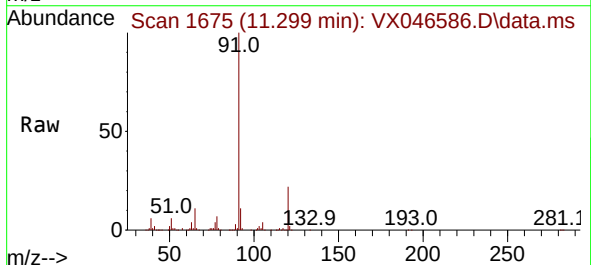
Manual Integrations
APPROVED

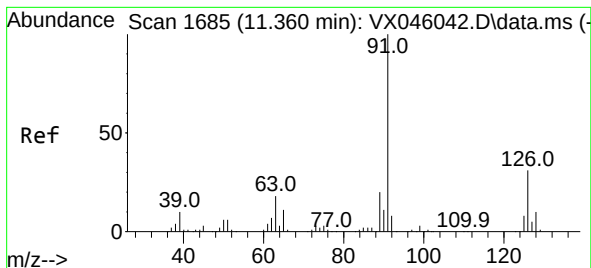
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
n-propylbenzene
Concen: 53.299 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion: 91 Resp: 339470
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





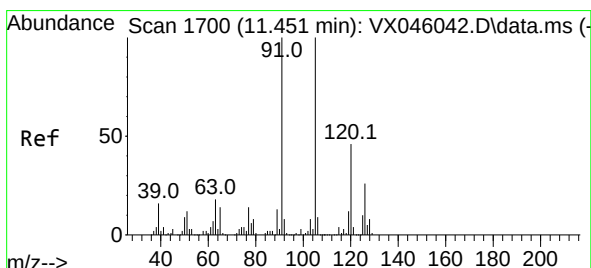
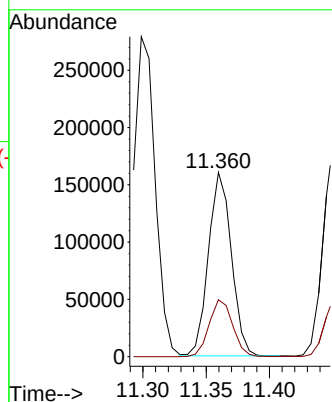
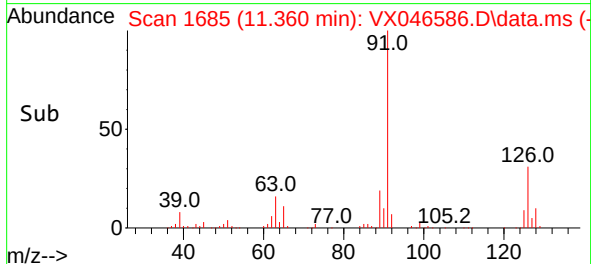
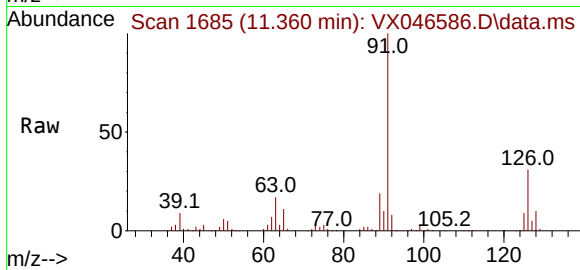
#79
2-Chlorotoluene
Concen: 52.688 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 202364
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.7

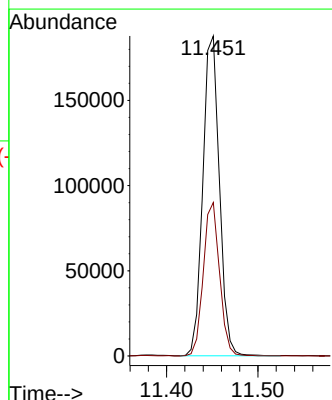
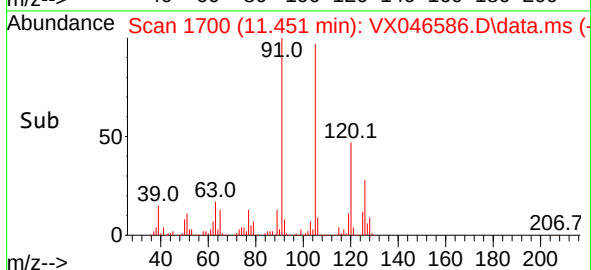
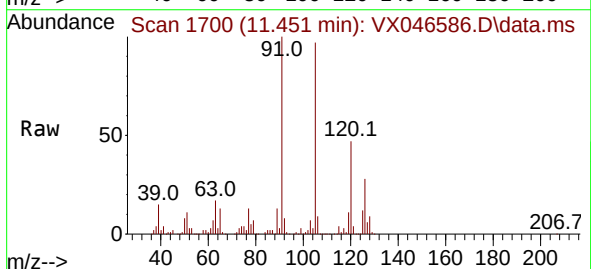
Manual Integrations
APPROVED

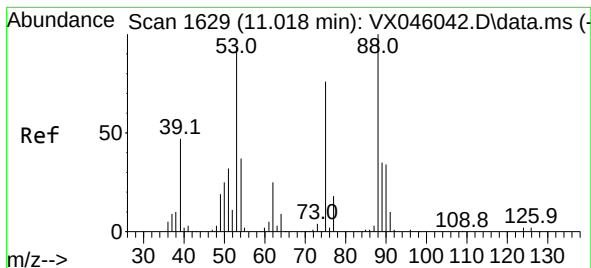
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.827 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Tgt Ion:105 Resp: 236032
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.2





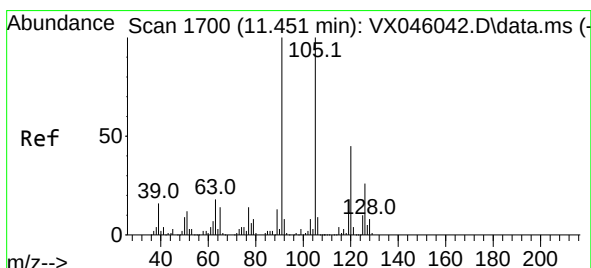
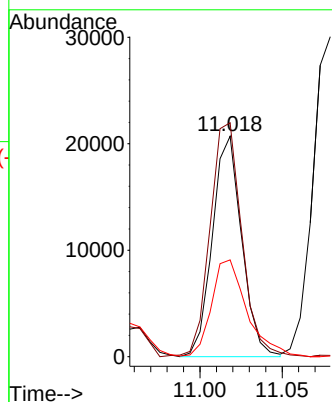
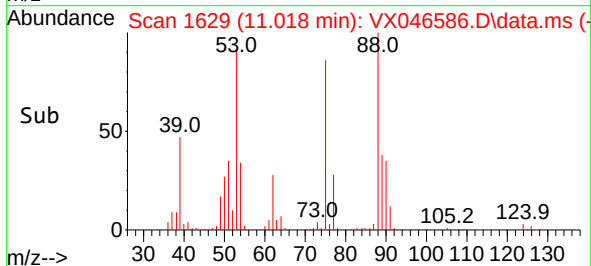
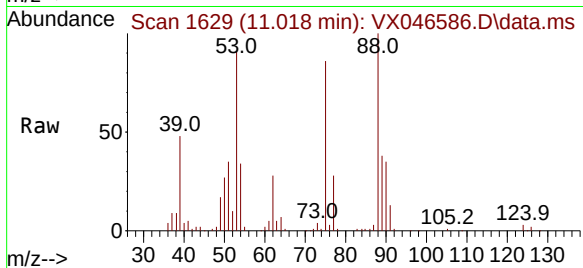
#81
trans-1,4-Dichloro-2-butene
Concen: 52.271 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
53 114.5 100.5 150.7
89 53.2 37.0 55.6

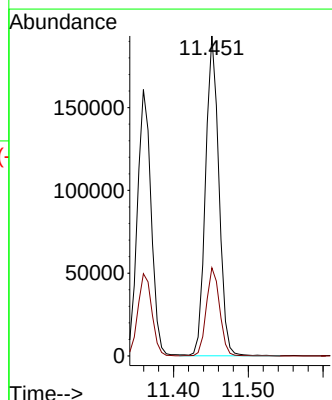
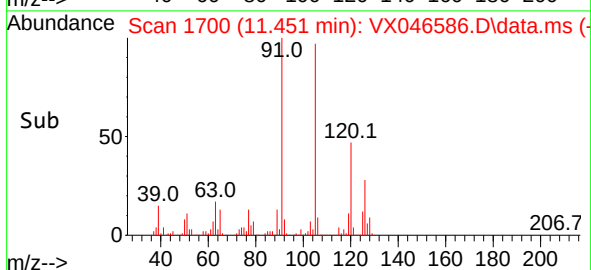
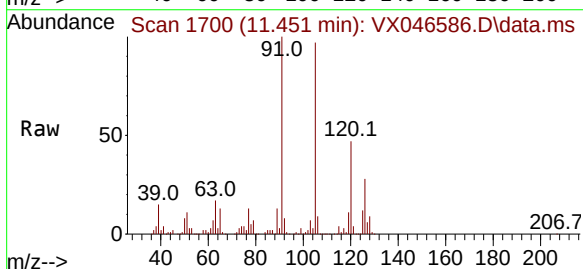
Manual Integrations
APPROVED

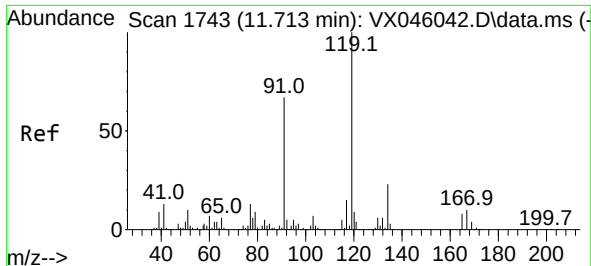
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#82
4-Chlorotoluene
Concen: 52.538 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

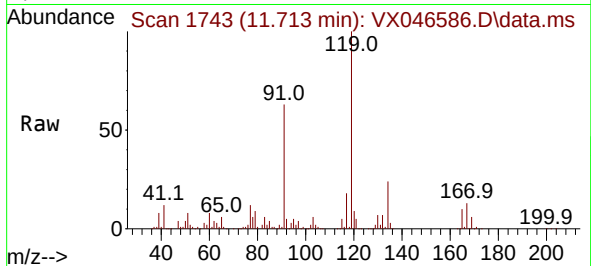
Tgt Ion: 91 Resp: 239181
Ion Ratio Lower Upper
91 100
126 27.6 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 54.234 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07

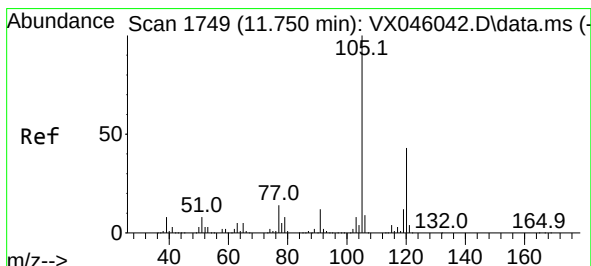
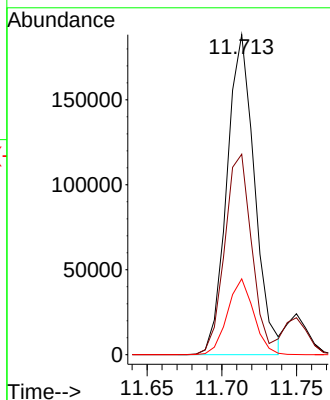
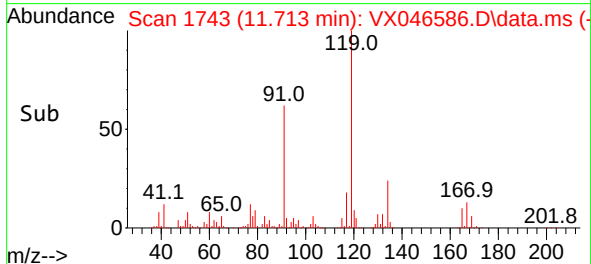
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



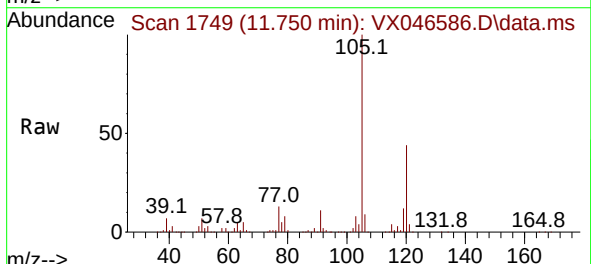
Tgt Ion:119 Resp: 242094
 Ion Ratio Lower Upper
 119 100
 91 61.0 32.9 98.7
 134 22.5 11.4 34.1

Manual Integrations
 APPROVED

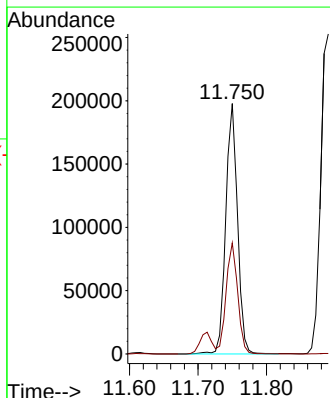
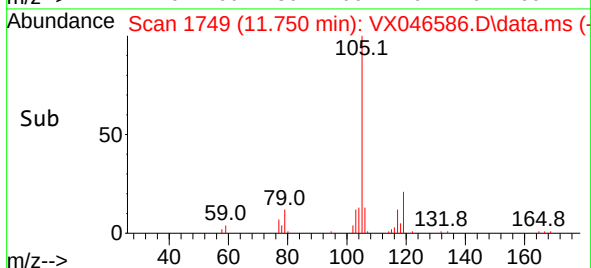
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

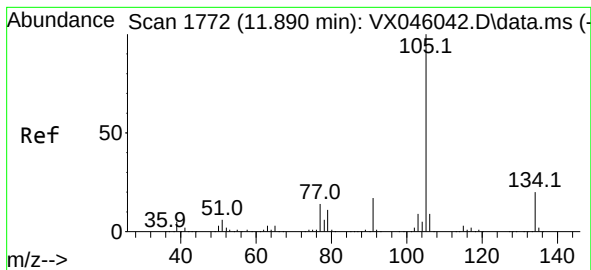


#84
 1,2,4-Trimethylbenzene
 Concen: 52.794 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07



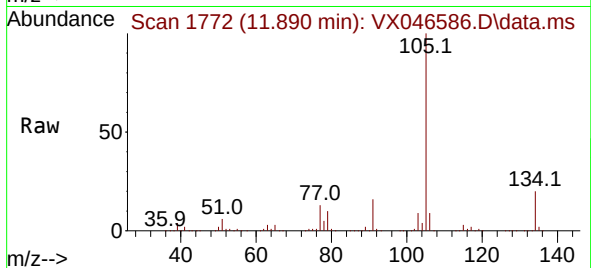
Tgt Ion:105 Resp: 234197
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.081 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07

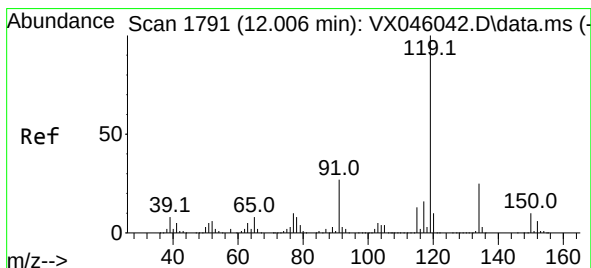
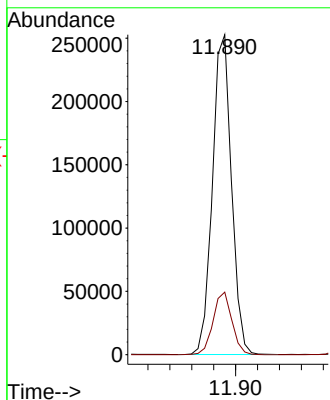
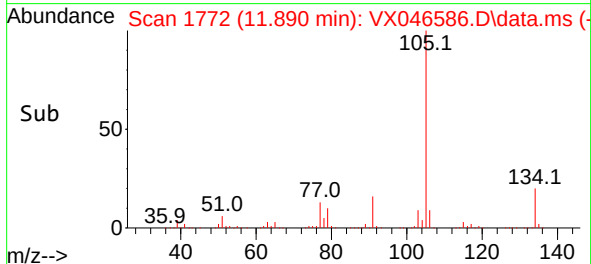
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



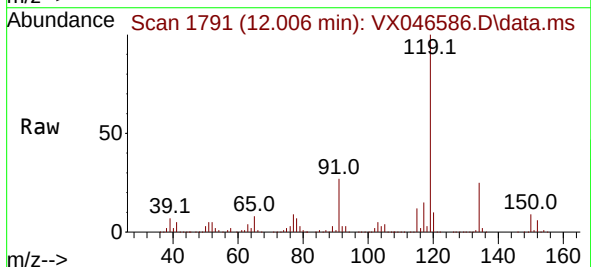
Tgt Ion:105 Resp: 304462
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

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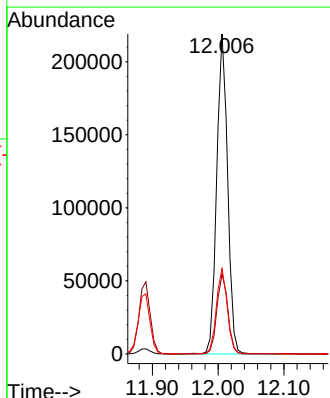
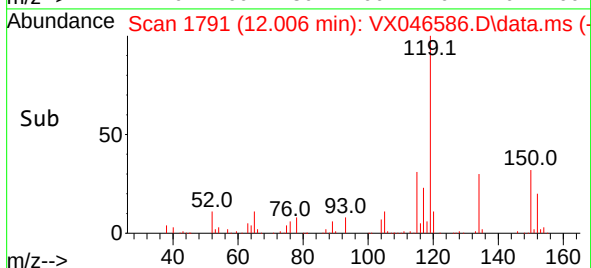
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

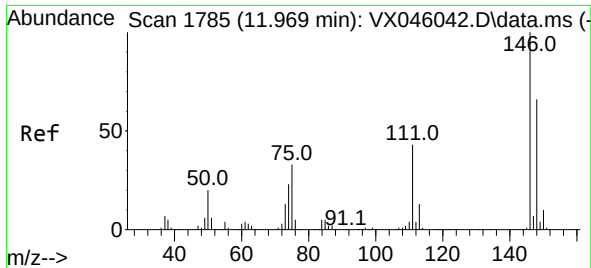


#86
 p-Isopropyltoluene
 Concen: 52.834 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046586.D
 Acq: 10 Jun 2025 09:07



Tgt Ion:119 Resp: 252631
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 26.5 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 52.534 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 124600

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

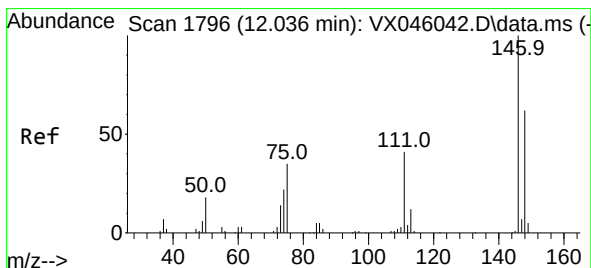
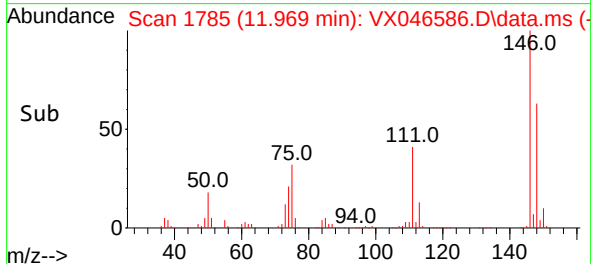
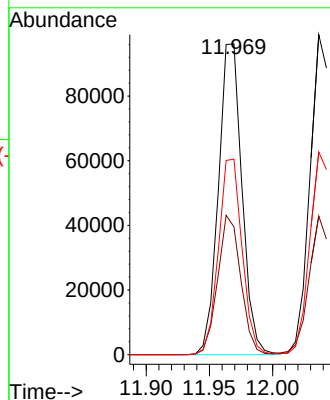
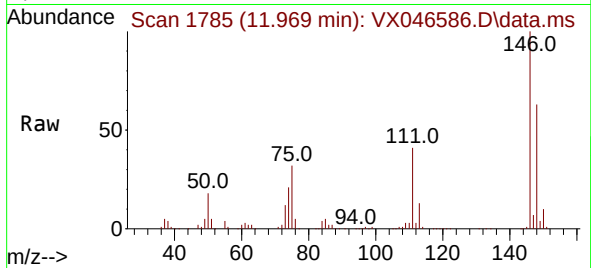
148 63.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#88

1,4-Dichlorobenzene

Concen: 50.367 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

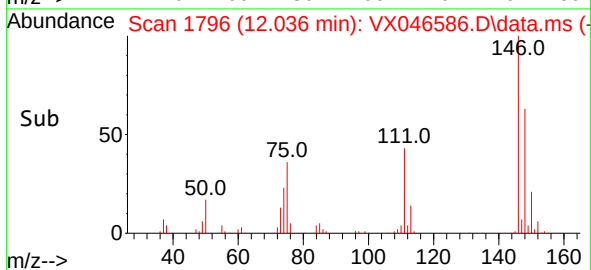
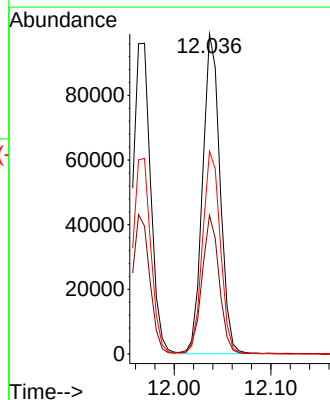
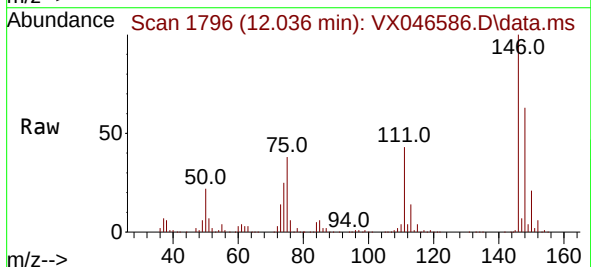
Tgt Ion:146 Resp: 123785

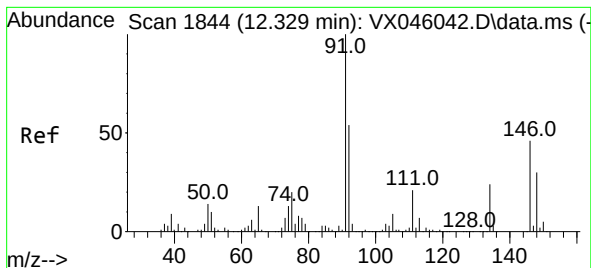
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

148 64.9 31.9 95.5





#89

n-Butylbenzene

Concen: 52.356 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046586.D

Acq: 10 Jun 2025 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 24585

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

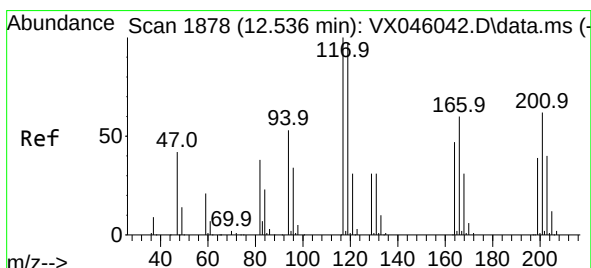
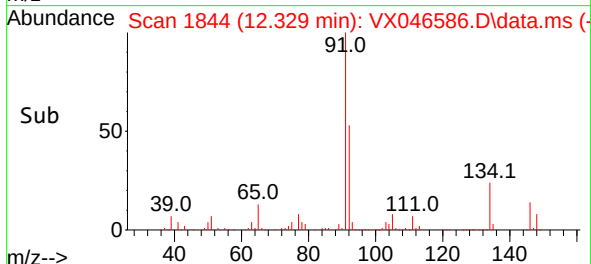
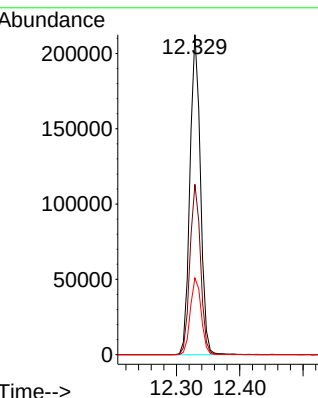
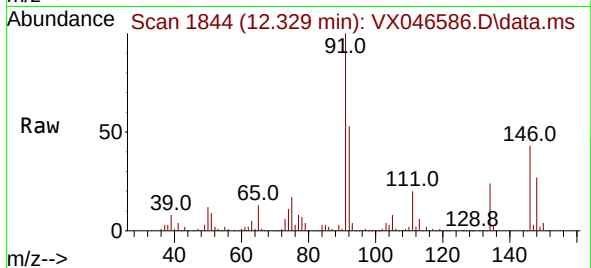
134 24.8 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#90

Hexachloroethane

Concen: 53.532 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046586.D

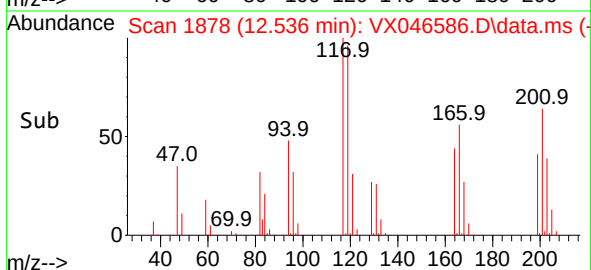
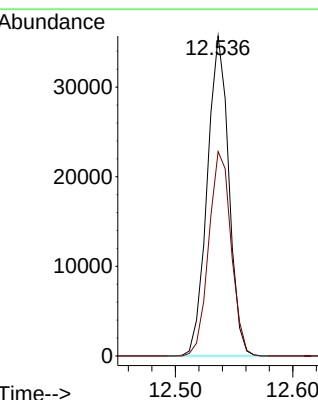
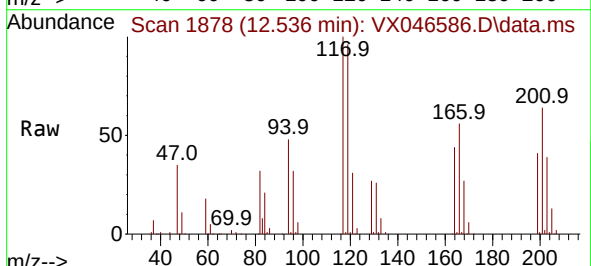
Acq: 10 Jun 2025 09:07

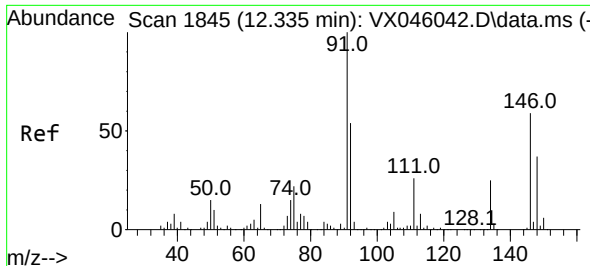
Tgt Ion:117 Resp: 45495

Ion Ratio Lower Upper

117 100

201 66.3 31.6 94.7





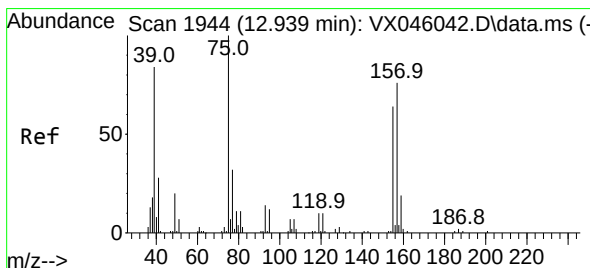
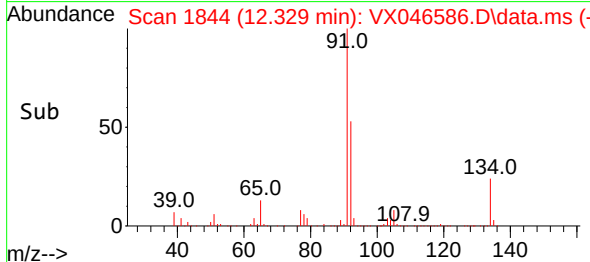
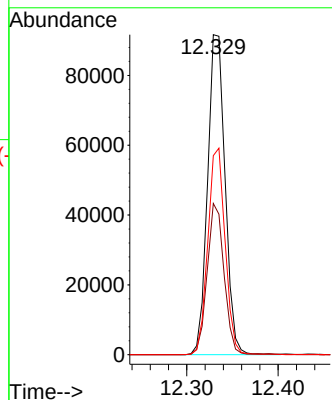
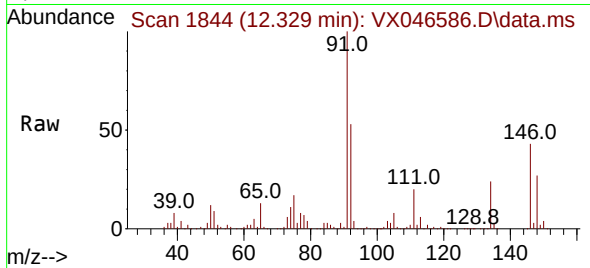
#91
1,2-Dichlorobenzene
Concen: 53.144 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 121670
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.3
148 63.8 31.6 94.8

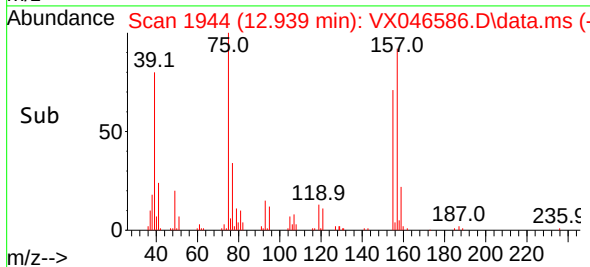
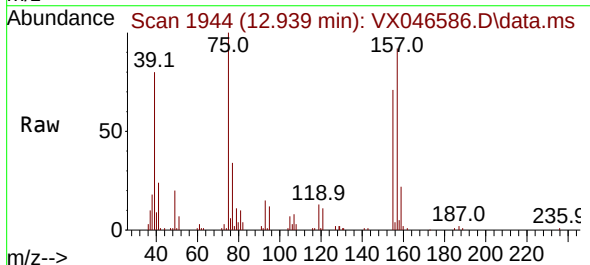
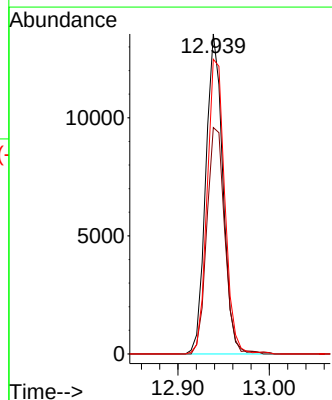
Manual Integrations
APPROVED

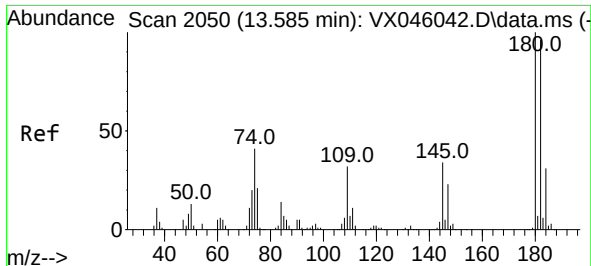
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.795 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

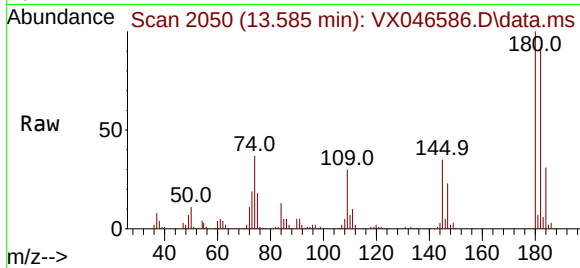
Tgt Ion: 75 Resp: 17650
Ion Ratio Lower Upper
75 100
155 73.9 34.9 104.8
157 94.4 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 52.365 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

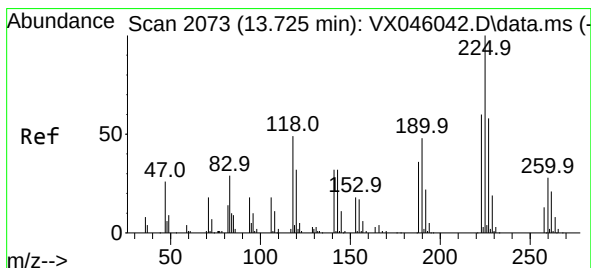
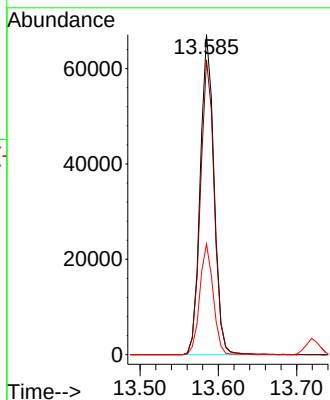
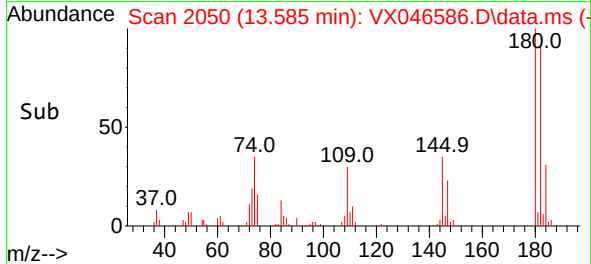
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



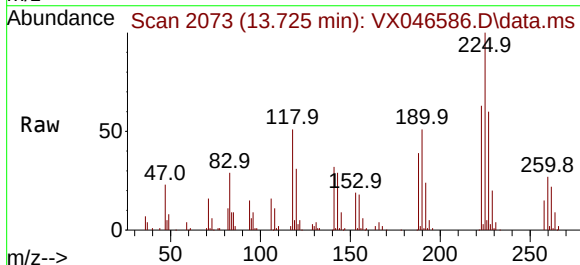
Tgt Ion:180 Resp: 8178
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.8
145 33.7 17.1 51.2

Manual Integrations
APPROVED

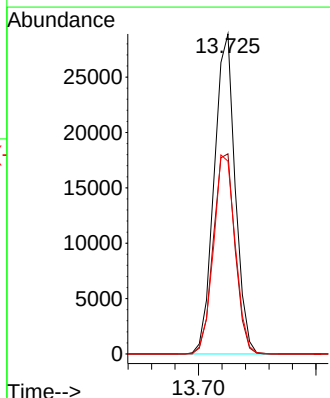
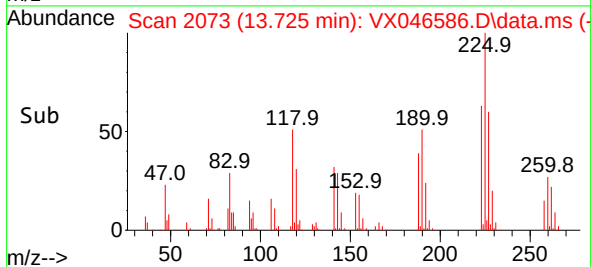
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

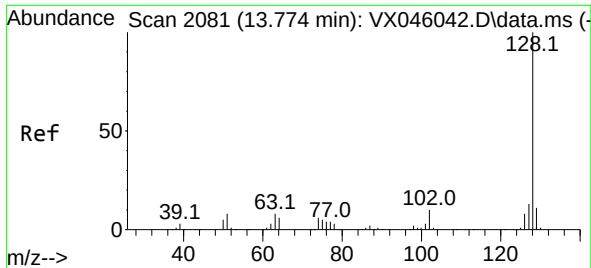


#94
Hexachlorobutadiene
Concen: 49.518 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



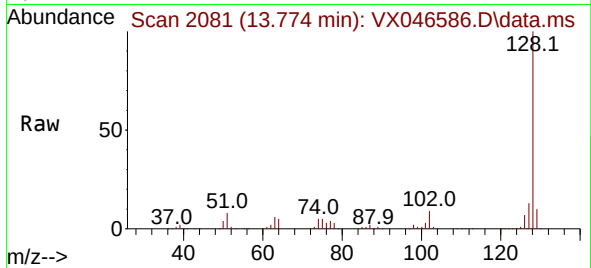
Tgt Ion:225 Resp: 35940
Ion Ratio Lower Upper
225 100
223 64.5 30.8 92.4
227 64.4 30.9 92.7





#95
Naphthalene
Concen: 50.687 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07

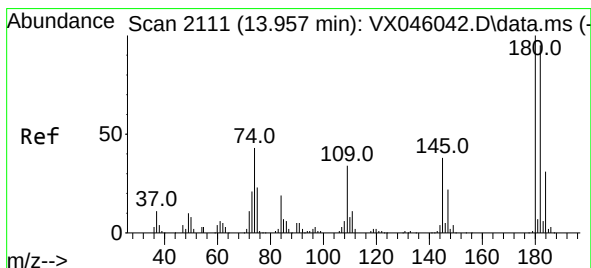
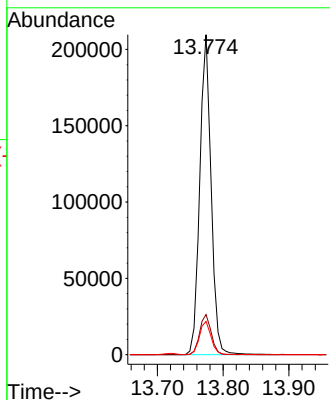
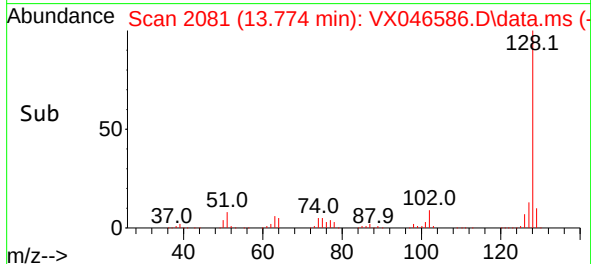
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



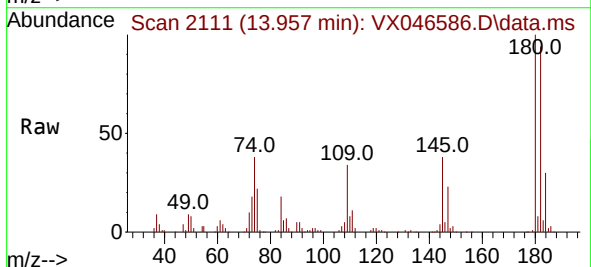
Tgt Ion:128 Resp: 251036
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.096 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046586.D
Acq: 10 Jun 2025 09:07



Tgt Ion:180 Resp: 80018
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 36.4 18.1 54.3

