

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046831.D
 Acq On : 30 Jun 2025 10:21
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

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

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	153288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	119500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102605	48.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.780%			
35) Dibromofluoromethane	5.397	113	85760	51.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.647	98	307283	51.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	11.079	95	118592	53.419	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	29234	17.863	ug/l	97
3) Chloromethane	1.307	50	30996	17.547	ug/l	97
4) Vinyl Chloride	1.386	62	33070	17.556	ug/l	96
5) Bromomethane	1.630	94	23380	22.061	ug/l	94
6) Chloroethane	1.709	64	21119	18.498	ug/l	98
7) Trichlorofluoromethane	1.904	101	50998	17.830	ug/l	98
8) Diethyl Ether	2.148	74	17857	18.192	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	32308	18.413	ug/l	99
10) Methyl Iodide	2.471	142	26545	15.372	ug/l	98
11) Tert butyl alcohol	2.953	59	13404	70.435	ug/l	99
12) 1,1-Dichloroethene	2.337	96	31262	18.464	ug/l	99
13) Acrolein	2.252	56	21046	75.926	ug/l	99
14) Allyl chloride	2.678	41	55583	18.119	ug/l	97
15) Acrylonitrile	3.075	53	72814	85.091	ug/l	99
16) Acetone	2.386	43	57156	80.837	ug/l	100
17) Carbon Disulfide	2.532	76	84602	16.547	ug/l	98
18) Methyl Acetate	2.715	43	31383	17.476	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	90114	17.093	ug/l	100
20) Methylene Chloride	2.806	84	35192	17.898	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	31642	17.466	ug/l	98
22) Diisopropyl ether	3.770	45	112461	19.073	ug/l	97
23) Vinyl Acetate	3.733	43	414084	88.311	ug/l	99
24) 1,1-Dichloroethane	3.623	63	61521	18.376	ug/l	97
25) 2-Butanone	4.562	43	81103	81.105	ug/l	96
26) 2,2-Dichloropropane	4.495	77	45228	18.523	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	39480	18.549	ug/l	98
28) Bromochloromethane	4.916	49	34441	22.692	ug/l	99
29) Tetrahydrofuran	5.019	42	51919	80.383	ug/l	100
30) Chloroform	5.105	83	62894	18.785	ug/l	99
31) Cyclohexane	5.483	56	57527	18.120	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	53581	18.248	ug/l	99
36) 1,1-Dichloropropene	5.708	75	42316	17.684	ug/l	97
37) Ethyl Acetate	4.727	43	33866	15.332	ug/l	98
38) Carbon Tetrachloride	5.696	117	47176	18.166	ug/l	99
39) Methylcyclohexane	7.385	83	55684	17.684	ug/l	97
40) Benzene	6.050	78	135036	19.068	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046831.D
 Acq On : 30 Jun 2025 10:21
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	21434	18.202	ug/l	95
42) 1,2-Dichloroethane	6.098	62	45659	18.347	ug/l	99
43) Isopropyl Acetate	6.342	43	58019	16.786	ug/l	99
44) Trichloroethene	7.129	130	33971	18.823	ug/l	100
45) 1,2-Dichloropropane	7.434	63	32951	18.774	ug/l	100
46) Dibromomethane	7.586	93	23455	18.595	ug/l	99
47) Bromodichloromethane	7.824	83	49690	19.304	ug/l	99
48) Methyl methacrylate	7.696	41	30314	17.488	ug/l	99
49) 1,4-Dioxane	7.659	88	7583	320.433	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	179250	86.954	ug/l	98
52) Toluene	8.720	92	85197	19.406	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	44481	18.625	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49974	18.432	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	31060	18.985	ug/l	96
56) Ethyl methacrylate	9.116	69	43124	17.856	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53355	18.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	112873	89.970	ug/l	99
59) 2-Hexanone	9.427	43	119940	84.160	ug/l	99
60) Dibromochloromethane	9.519	129	36340	18.848	ug/l	97
61) 1,2-Dibromoethane	9.610	107	31416	18.878	ug/l	99
64) Tetrachloroethene	9.275	164	29431	18.260	ug/l	98
65) Chlorobenzene	10.079	112	93542	18.216	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31012	17.969	ug/l	98
67) Ethyl Benzene	10.195	91	161509	18.000	ug/l	97
68) m/p-Xylenes	10.299	106	121995	36.490	ug/l	99
69) o-Xylene	10.640	106	58593	18.700	ug/l	97
70) Styrene	10.653	104	102987	18.782	ug/l	99
71) Bromoform	10.799	173	23710	18.039	ug/l #	100
73) Isopropylbenzene	10.957	105	157290	17.872	ug/l	99
74) N-amyl acetate	10.842	43	52253	15.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	42483	17.287	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34076m	15.569	ug/l	
77) Bromobenzene	11.195	156	38465	18.162	ug/l	97
78) n-propylbenzene	11.305	91	188395	18.022	ug/l	99
79) 2-Chlorotoluene	11.360	91	110236	17.662	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	130564	18.052	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12253	15.824	ug/l	97
82) 4-Chlorotoluene	11.451	91	129884	17.831	ug/l	99
83) tert-Butylbenzene	11.713	119	129327	17.299	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	129757	17.857	ug/l	99
85) sec-Butylbenzene	11.890	105	165787	17.547	ug/l	100
86) p-Isopropyltoluene	12.006	119	138704	17.399	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	72514	17.560	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	74104	17.471	ug/l	99
89) n-Butylbenzene	12.329	91	130469	17.237	ug/l	99
90) Hexachloroethane	12.536	117	23489	16.826	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	69360	17.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7273	14.991	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	46575	16.976	ug/l	99
94) Hexachlorobutadiene	13.719	225	18462	15.997	ug/l	98
95) Naphthalene	13.774	128	127917	16.365	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	45001	17.145	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046831.D
Acq On : 30 Jun 2025 10:21
Operator : JC/MD
Sample : VX0630WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

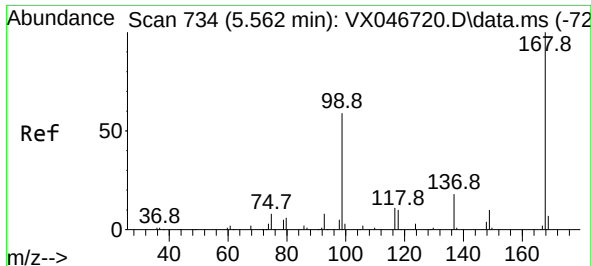
Manual Integrations
APPROVED

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

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

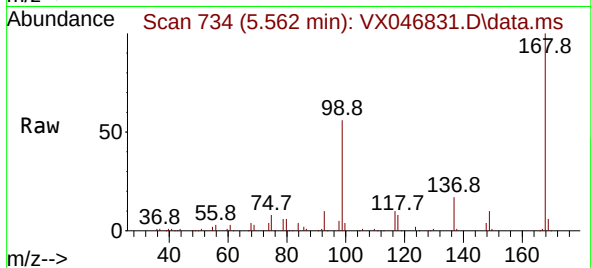
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

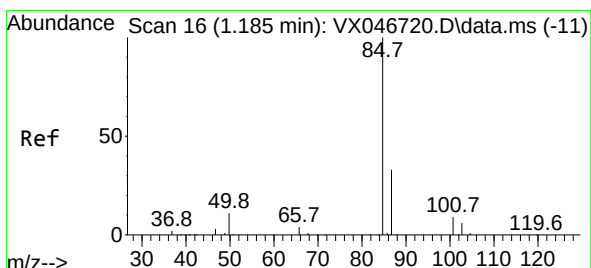
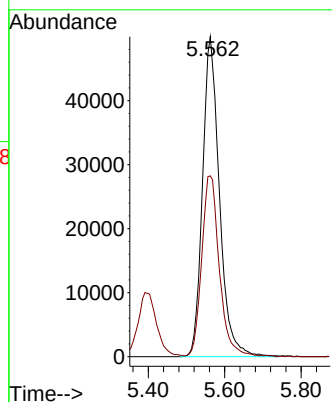
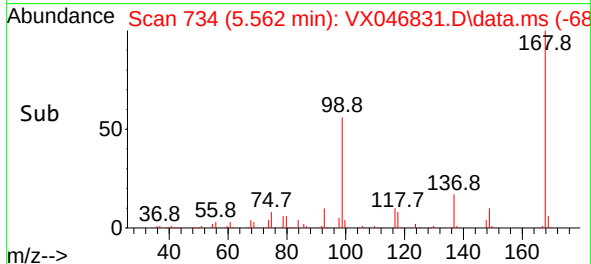
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion:168 Resp: 15328
Ion Ratio Lower Upper
168 100
99 56.4 48.5 72.7

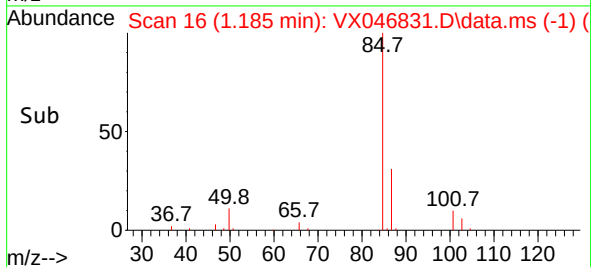
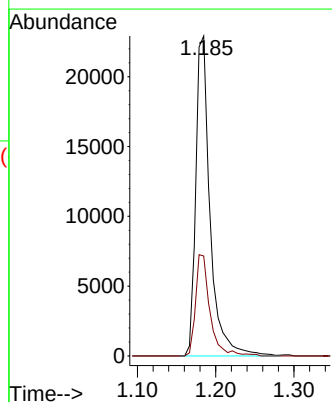
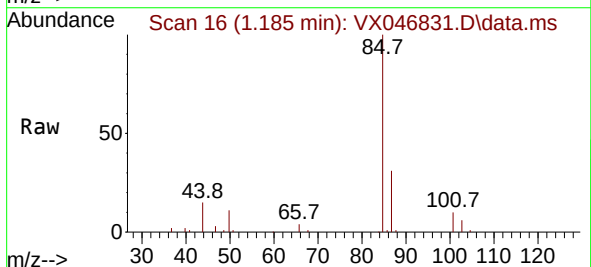
Manual Integrations
APPROVED

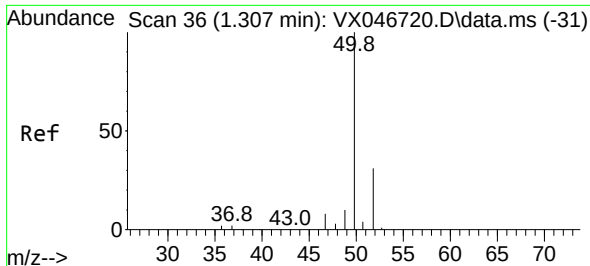
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#2
Dichlorodifluoromethane
Concen: 17.863 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 85 Resp: 29234
Ion Ratio Lower Upper
85 100
87 31.2 16.6 49.8





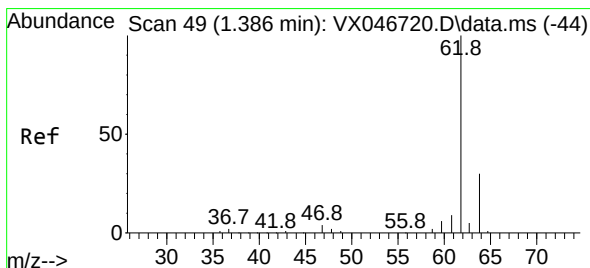
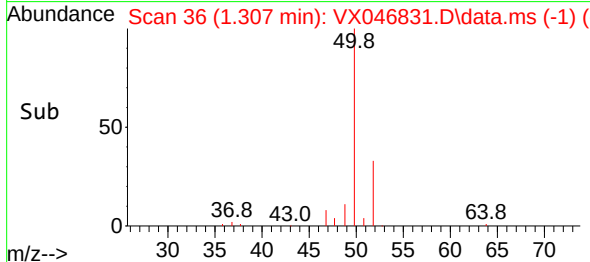
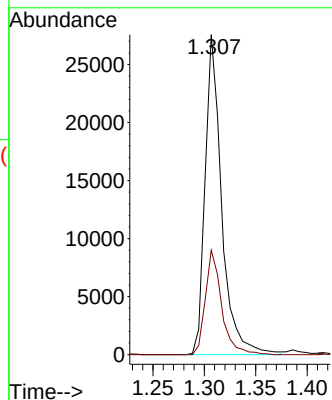
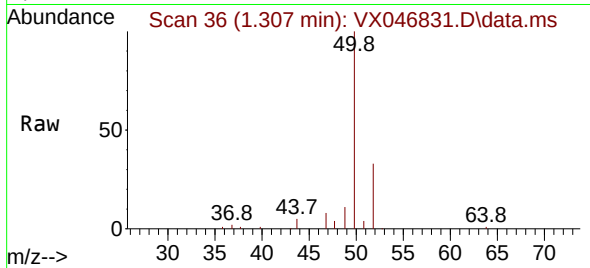
#3
Chloromethane
Concen: 17.547 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 50 Resp: 30990
Ion Ratio Lower Upper
50 100
52 32.6 24.9 37.3

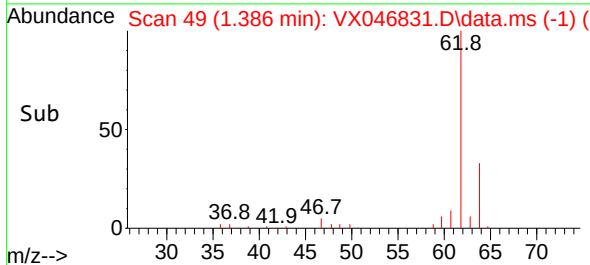
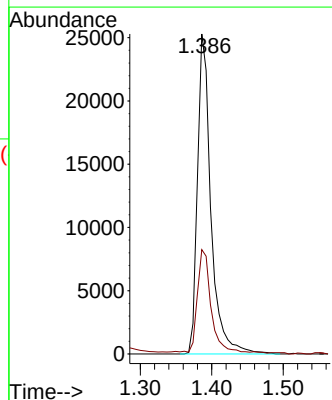
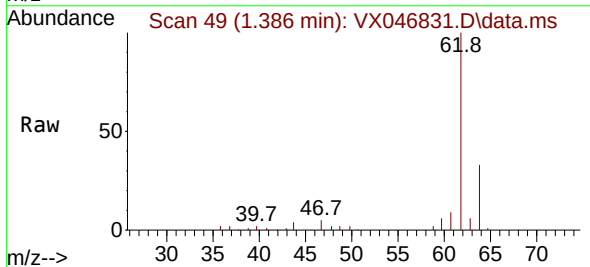
Manual Integrations
APPROVED

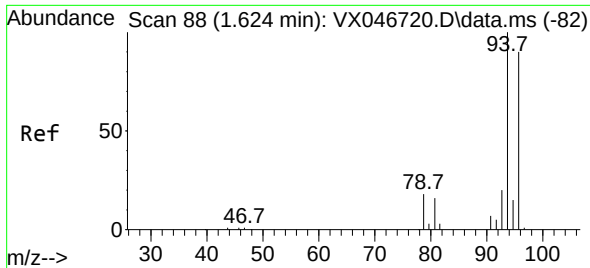
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#4
Vinyl Chloride
Concen: 17.556 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

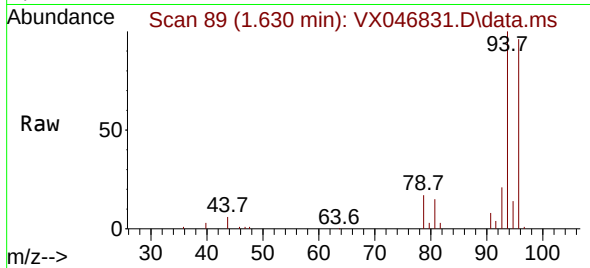
Tgt Ion: 62 Resp: 33070
Ion Ratio Lower Upper
62 100
64 32.2 23.9 35.9





#5
Bromomethane
Concen: 22.061 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

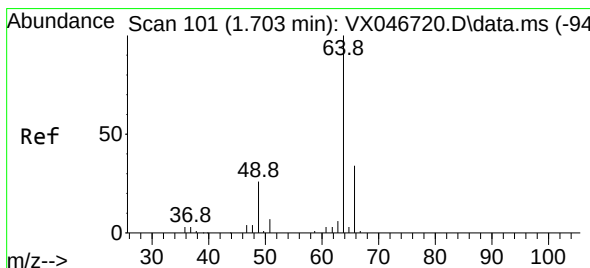
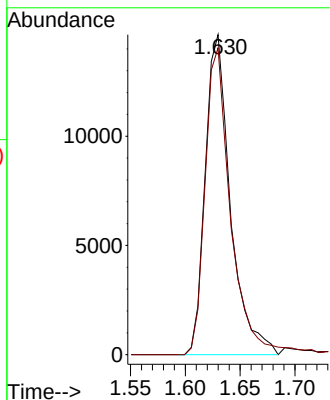
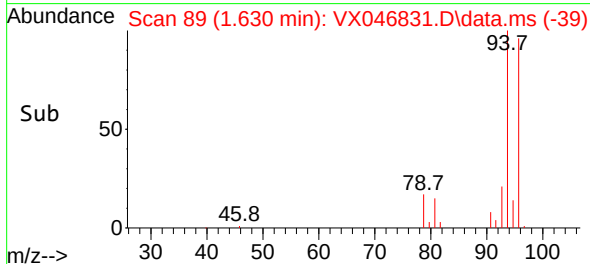
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 94 Resp: 23380
Ion Ratio Lower Upper
94 100
96 95.9 72.3 108.5

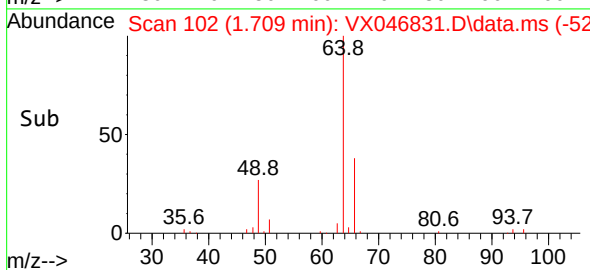
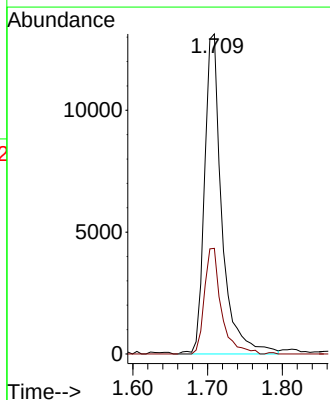
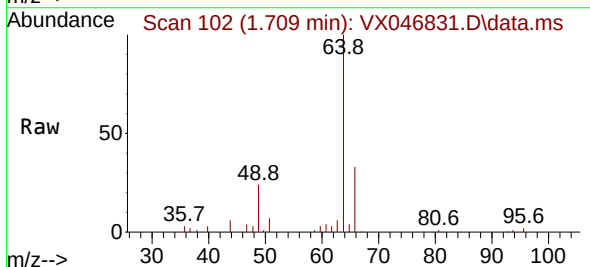
Manual Integrations
APPROVED

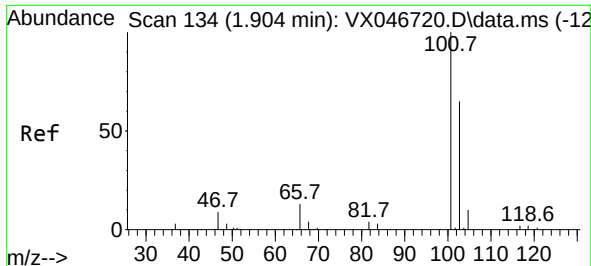
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#6
Chloroethane
Concen: 18.498 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

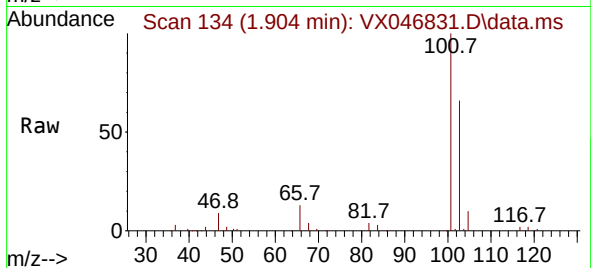
Tgt Ion: 64 Resp: 21119
Ion Ratio Lower Upper
64 100
66 33.0 27.1 40.7





#7
Trichlorofluoromethane
Concen: 17.830 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

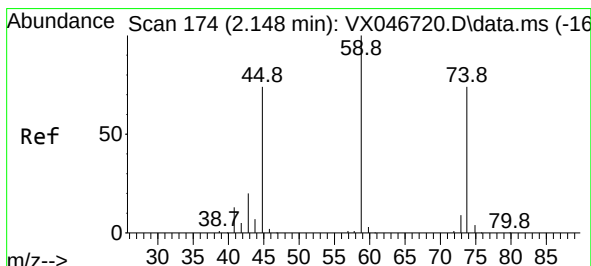
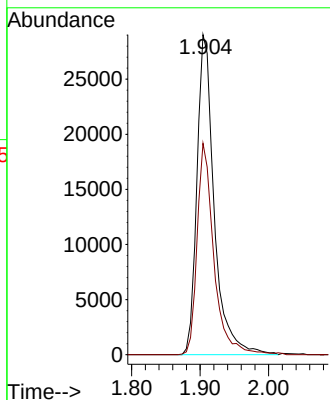
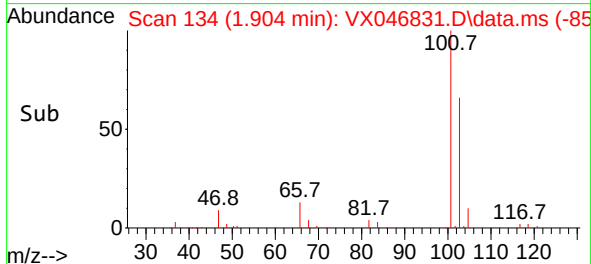
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion:101 Resp: 50998
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8

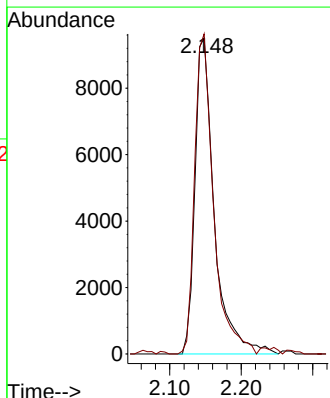
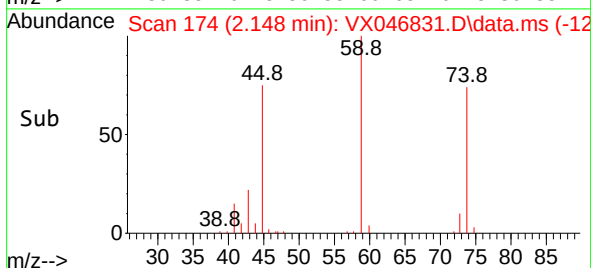
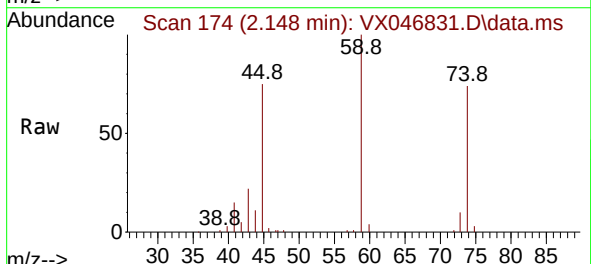
Manual Integrations
APPROVED

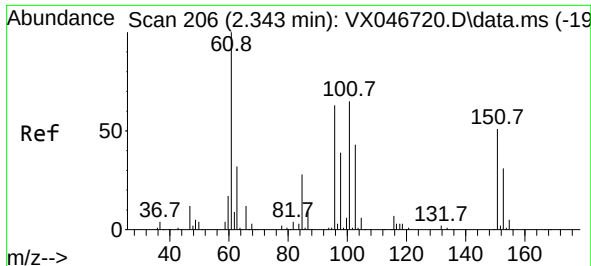
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#8
Diethyl Ether
Concen: 18.192 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 74 Resp: 17857
Ion Ratio Lower Upper
74 100
45 98.9 52.3 157.1





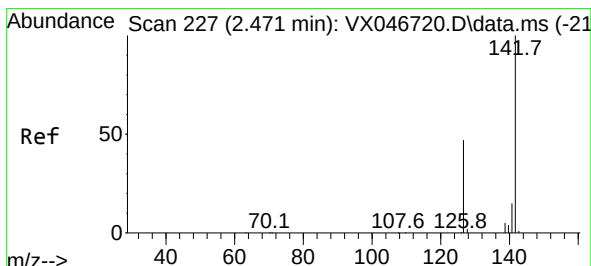
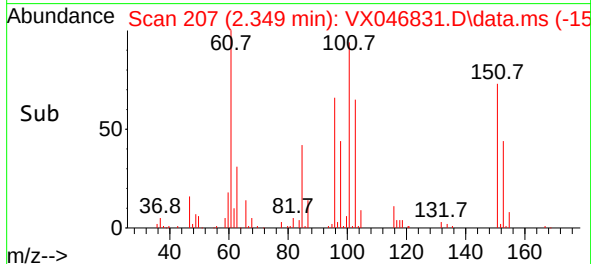
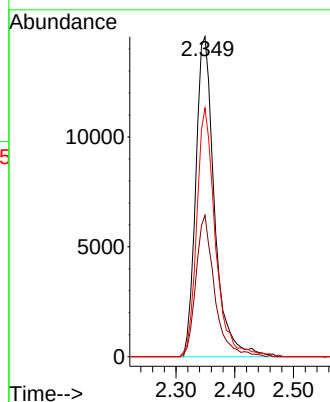
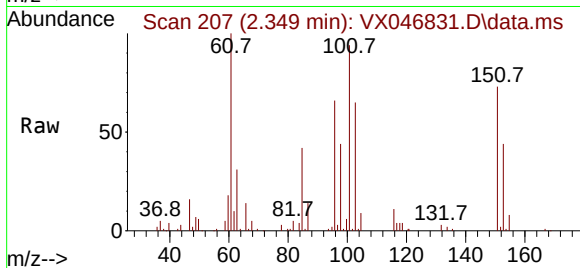
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.413 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion:101 Resp: 32308
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.0
151 77.6 61.2 91.8

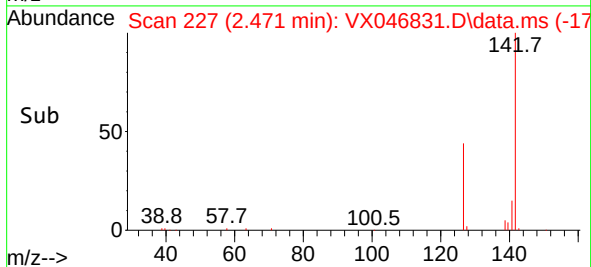
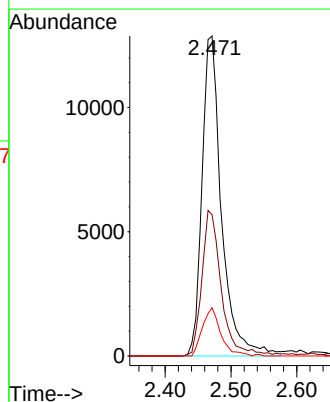
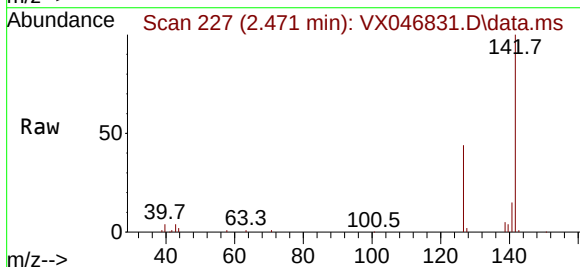
Manual Integrations
APPROVED

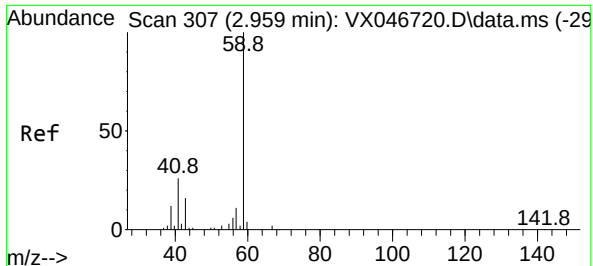
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#10
Methyl Iodide
Concen: 15.372 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion:142 Resp: 26545
Ion Ratio Lower Upper
142 100
127 45.1 37.0 55.6
141 14.1 11.5 17.3





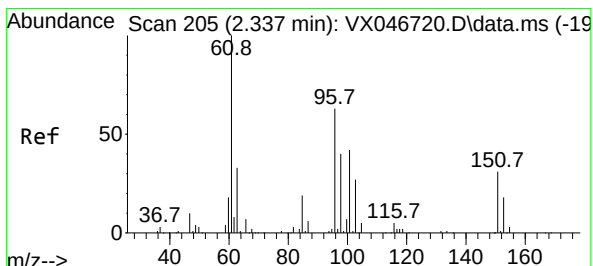
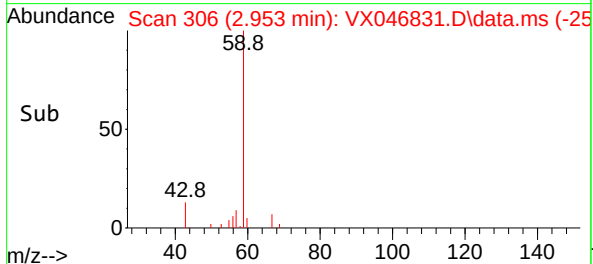
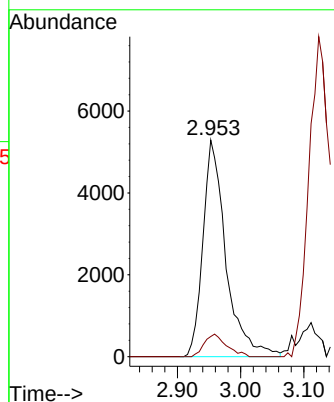
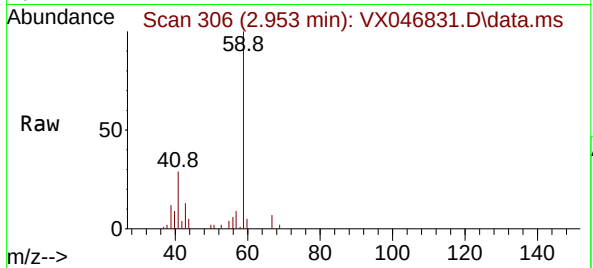
#11
Tert butyl alcohol
Concen: 70.435 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 59 Resp: 13404
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

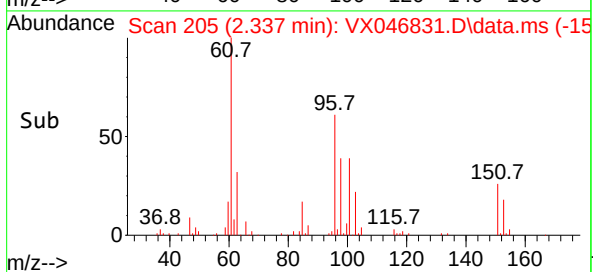
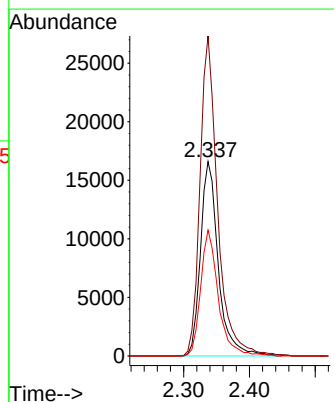
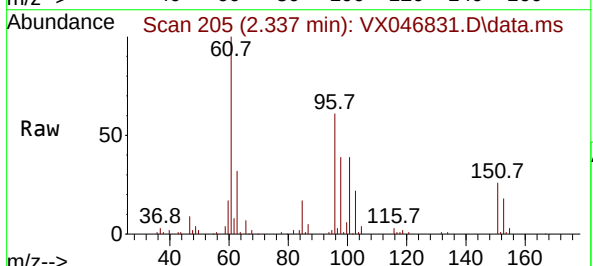
Manual Integrations
APPROVED

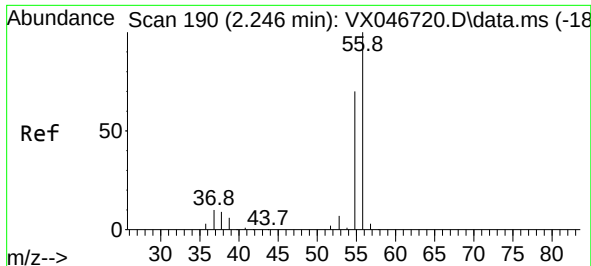
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#12
1,1-Dichloroethene
Concen: 18.464 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

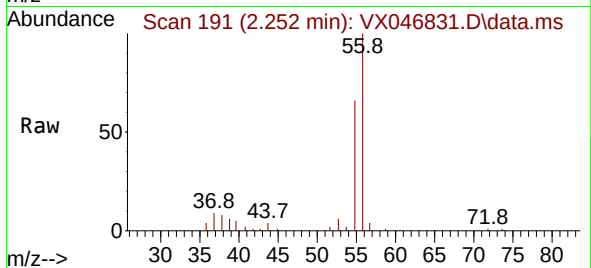
Tgt Ion: 96 Resp: 31262
Ion Ratio Lower Upper
96 100
61 157.6 126.6 189.8
98 62.0 50.7 76.1





#13
Acrolein
Concen: 75.926 ug/l
RT: 2.252 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

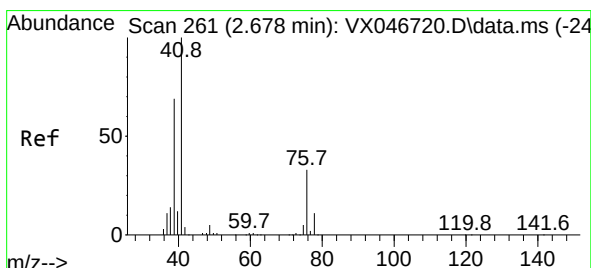
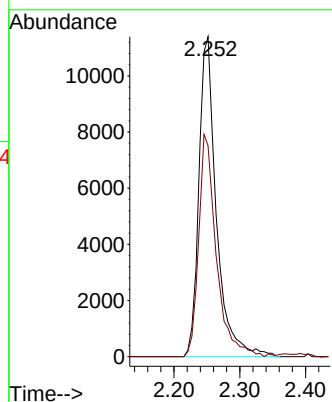
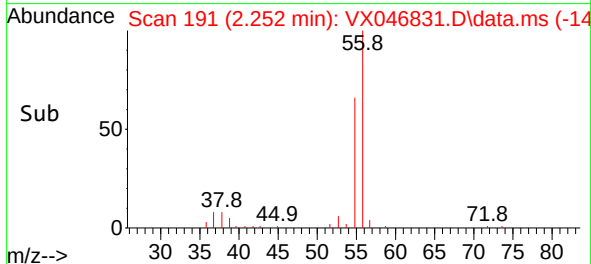
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 56 Resp: 21040
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8

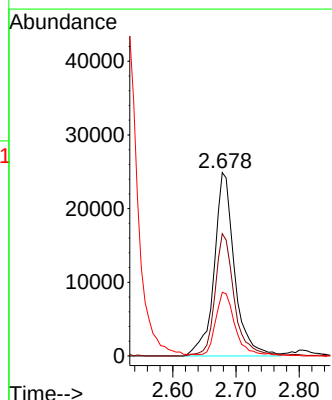
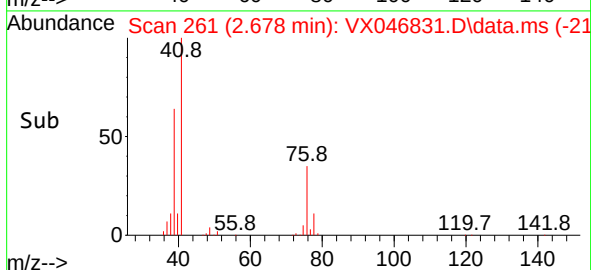
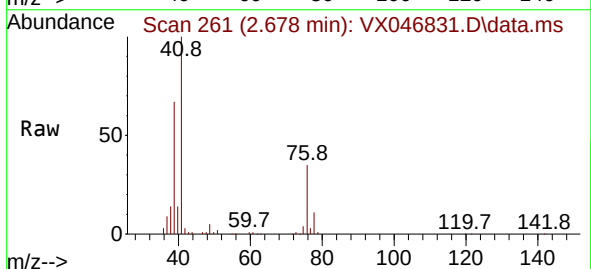
Manual Integrations
APPROVED

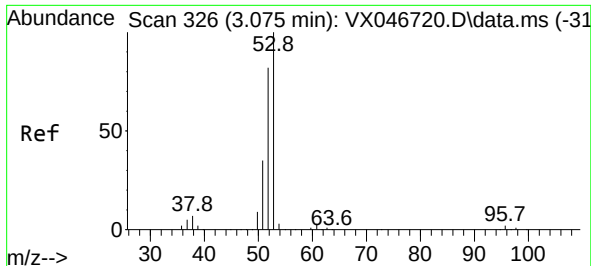
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#14
Allyl chloride
Concen: 18.119 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

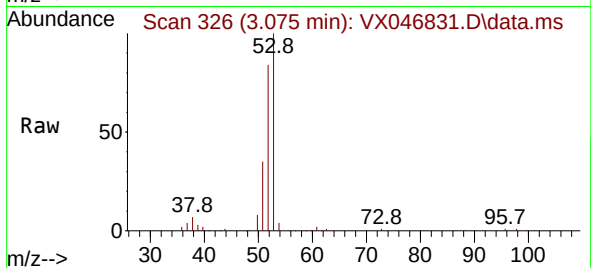
Tgt Ion: 41 Resp: 55583
Ion Ratio Lower Upper
41 100
39 63.3 53.6 80.4
76 33.8 26.8 40.2





#15
Acrylonitrile
Concen: 85.091 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

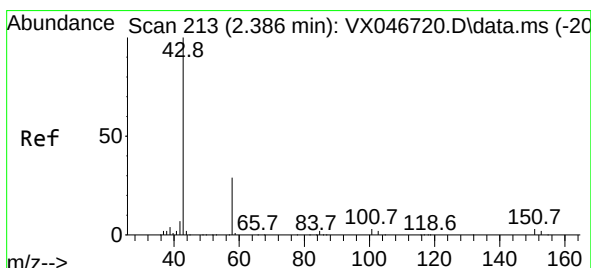
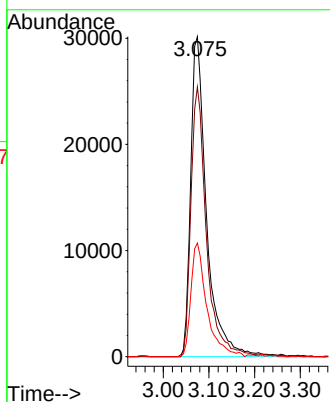
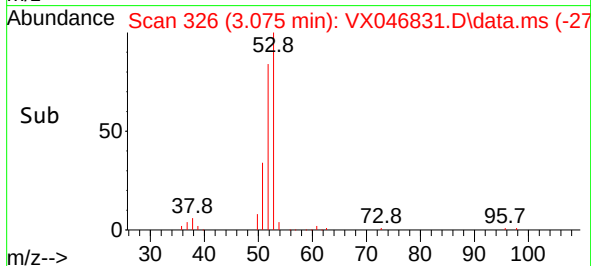
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 53 Resp: 72814
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 35.6 28.9 43.3

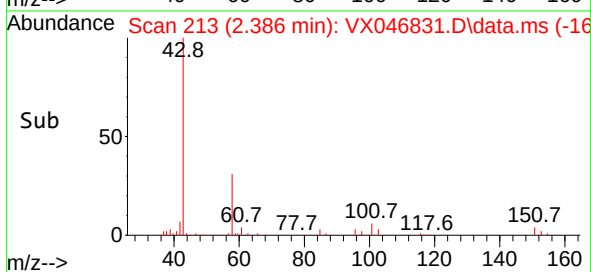
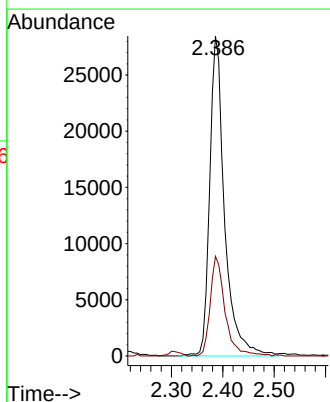
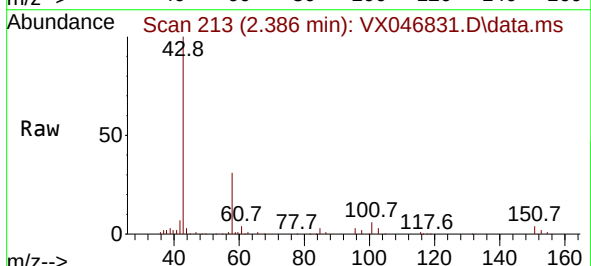
Manual Integrations
APPROVED

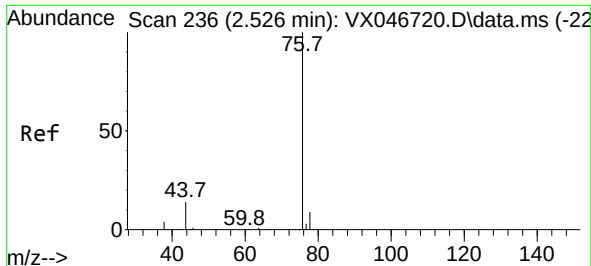
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#16
Acetone
Concen: 80.837 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 43 Resp: 57156
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7





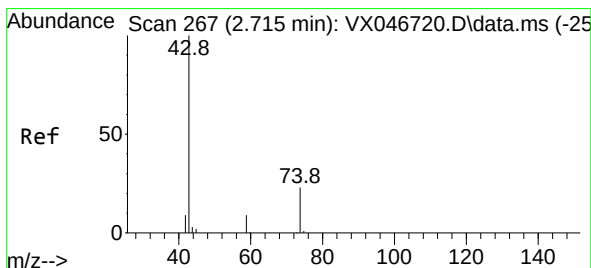
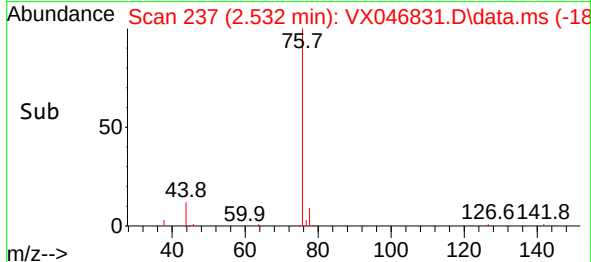
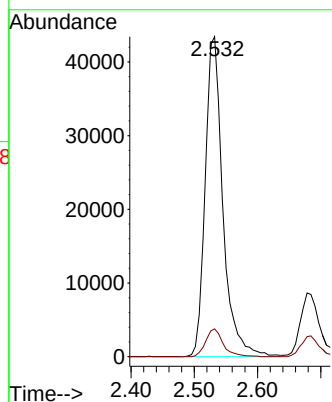
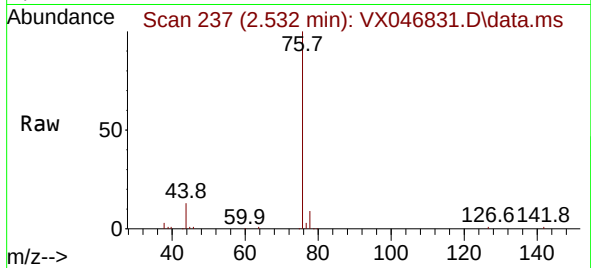
#17
Carbon Disulfide
Concen: 16.547 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 76 Resp: 8460
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

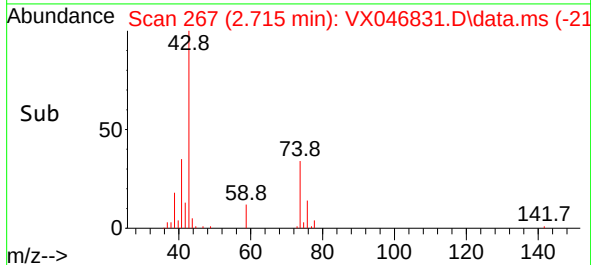
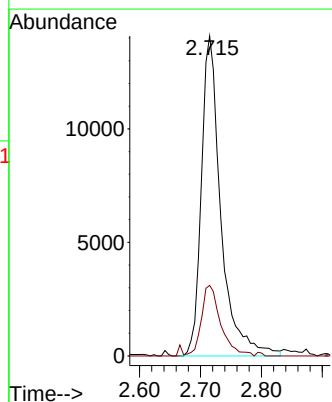
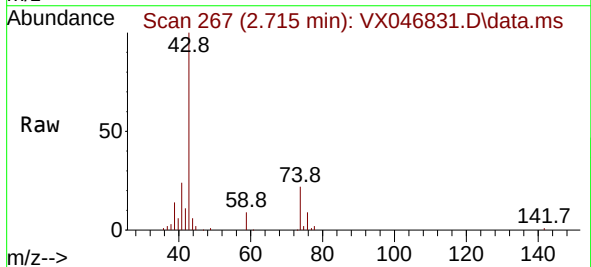
Manual Integrations
APPROVED

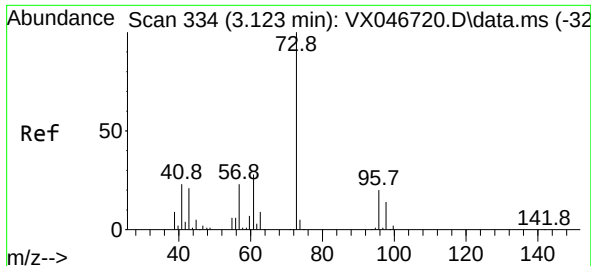
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#18
Methyl Acetate
Concen: 17.476 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 43 Resp: 31383
Ion Ratio Lower Upper
43 100
74 21.7 18.4 27.6





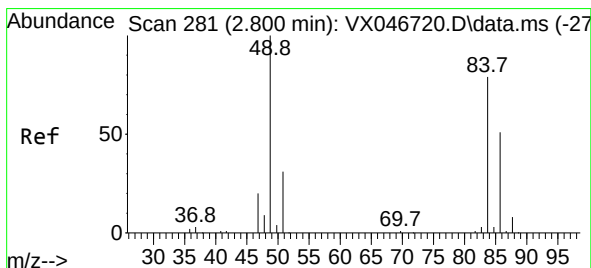
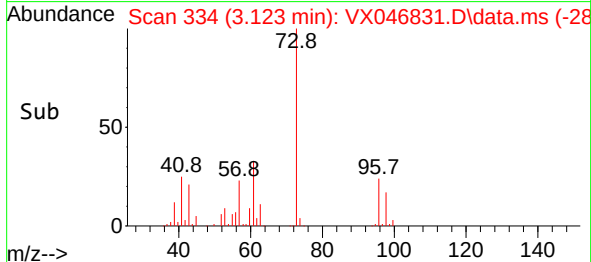
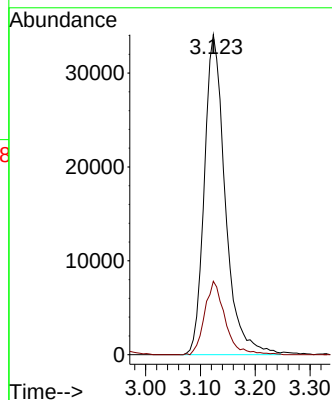
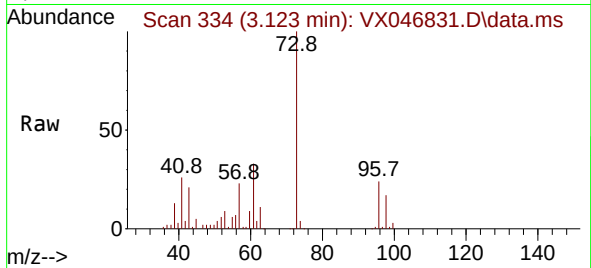
#19
Methyl tert-butyl Ether
Concen: 17.093 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 73 Resp: 90114
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2

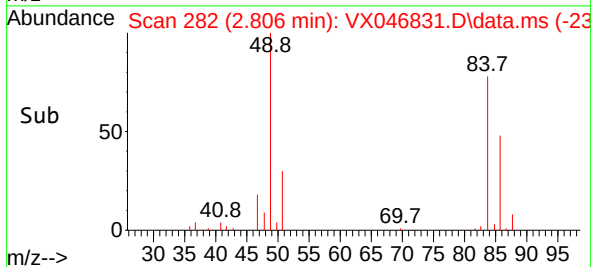
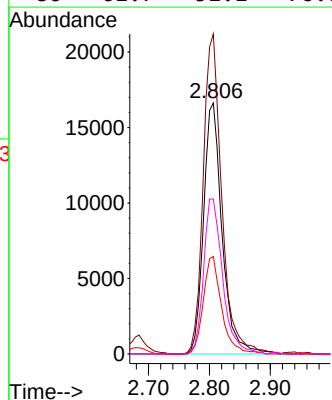
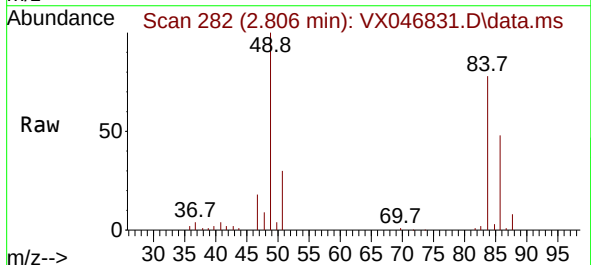
Manual Integrations
APPROVED

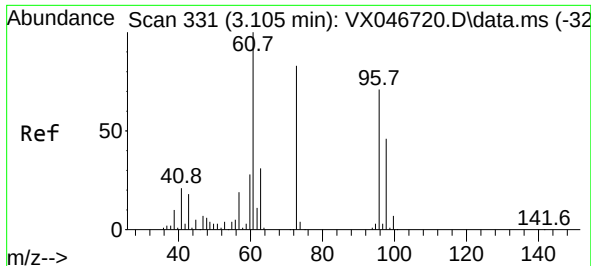
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#20
Methylene Chloride
Concen: 17.898 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

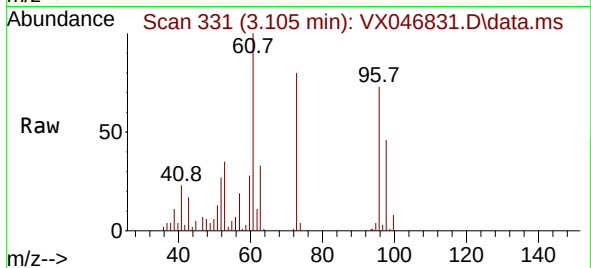
Tgt Ion: 84 Resp: 35192
Ion Ratio Lower Upper
84 100
49 127.5 101.3 151.9
51 38.8 31.0 46.6
86 61.7 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 17.466 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

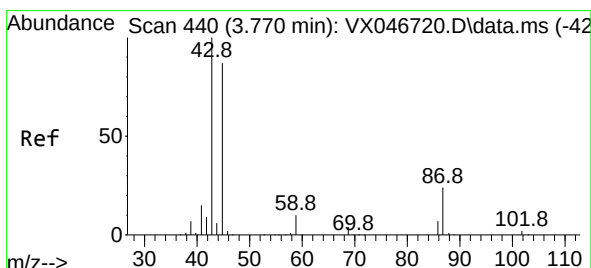
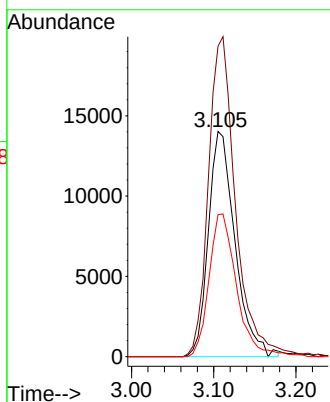
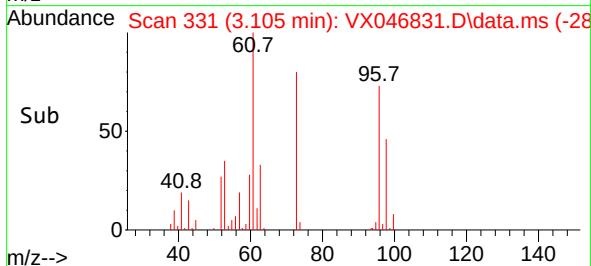
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 96 Resp: 3164
Ion Ratio Lower Upper
96 100
61 137.9 112.5 168.7
98 63.1 51.9 77.9

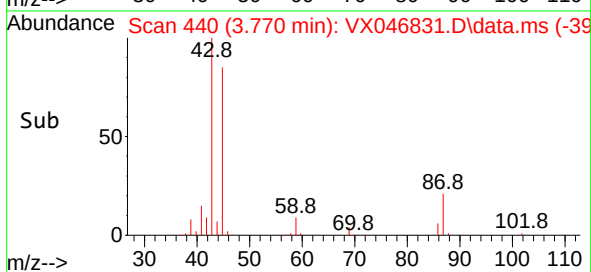
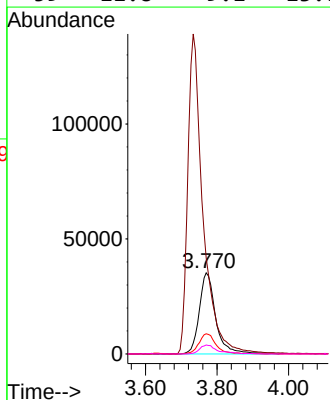
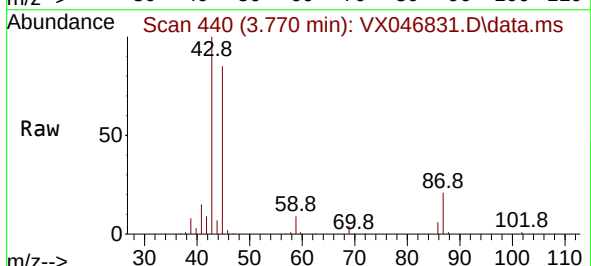
Manual Integrations
APPROVED

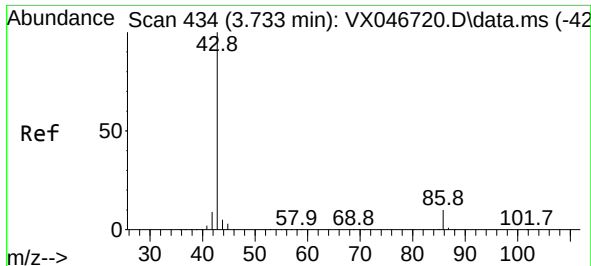
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#22
Diisopropyl ether
Concen: 19.073 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

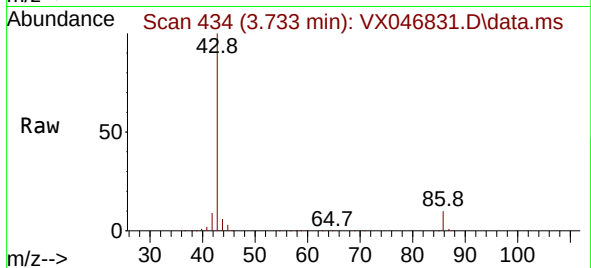
Tgt Ion: 45 Resp: 112461
Ion Ratio Lower Upper
45 100
43 117.6 91.9 137.9
87 24.9 22.0 33.0
59 11.8 9.1 13.7





#23
 Vinyl Acetate
 Concen: 88.311 ug/l
 RT: 3.733 min Scan# 414084
 Delta R.T. -0.000 min
 Lab File: VX046831.D
 Acq: 30 Jun 2025 10:21

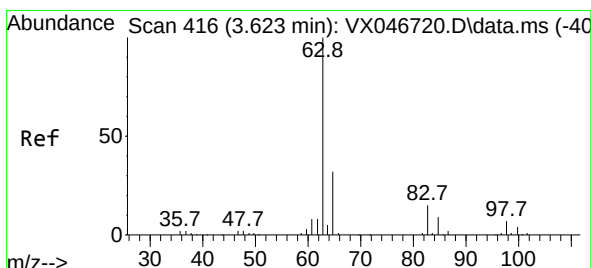
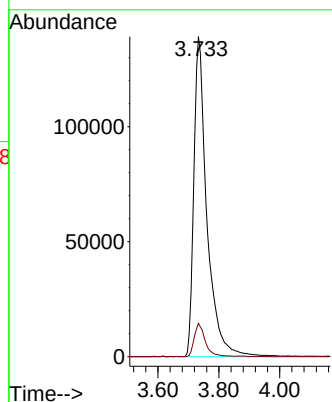
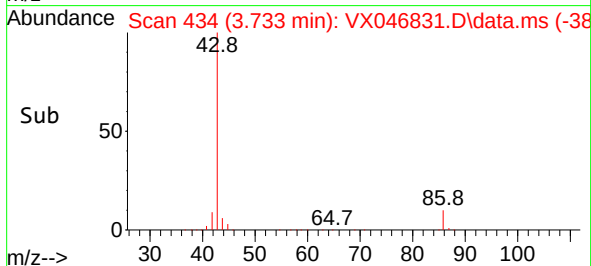
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01



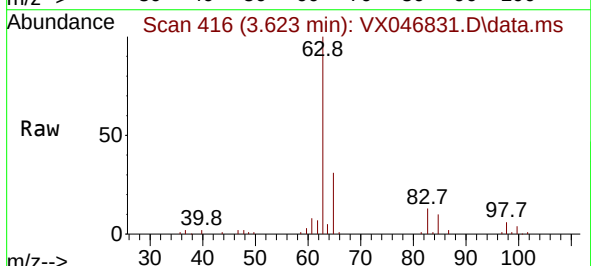
Tgt Ion: 43 Resp: 414084
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2

Manual Integrations
 APPROVED

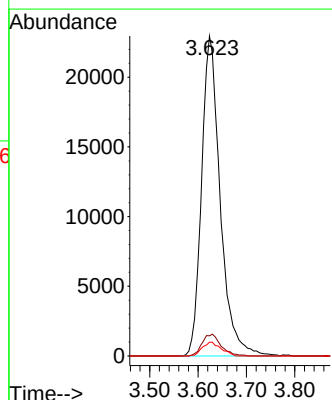
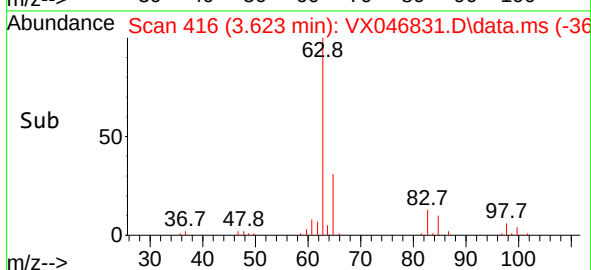
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

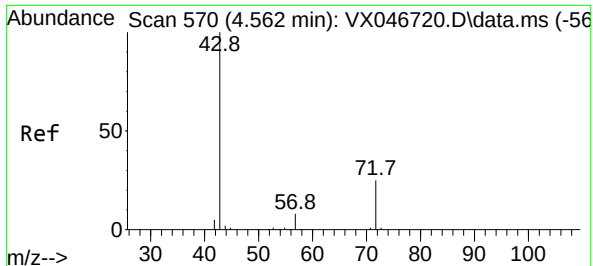


#24
 1,1-Dichloroethane
 Concen: 18.376 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046831.D
 Acq: 30 Jun 2025 10:21



Tgt Ion: 63 Resp: 61521
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 11.9
 100 4.6 2.2 6.6





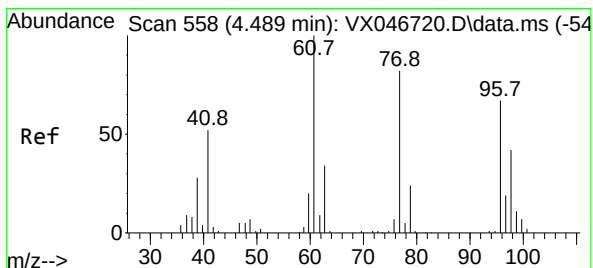
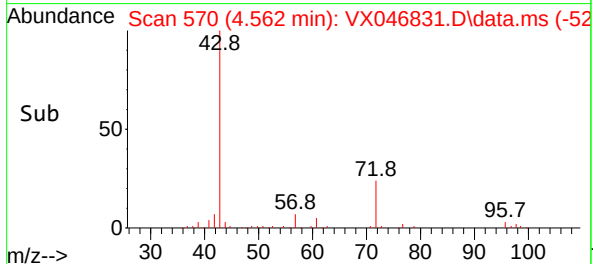
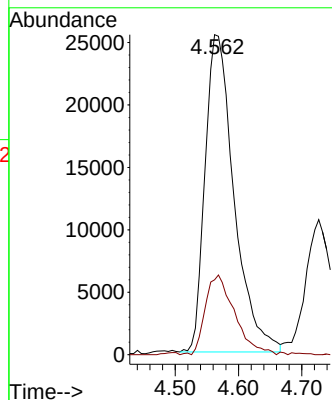
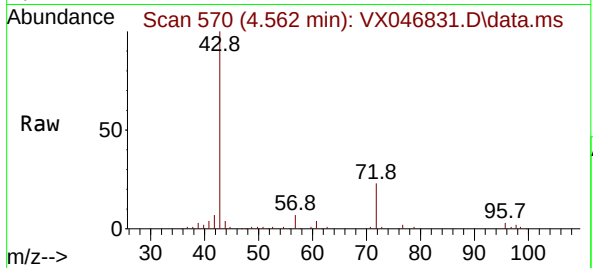
#25
2-Butanone
Concen: 81.105 ug/l
RT: 4.562 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 43 Resp: 8110
Ion Ratio Lower Upper
43 100
72 23.3 20.2 30.4

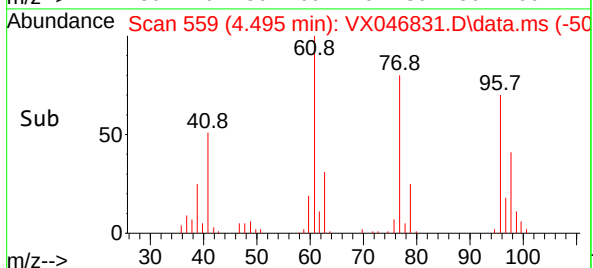
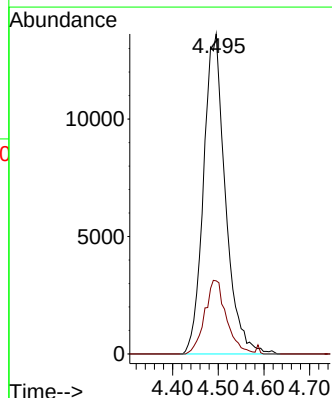
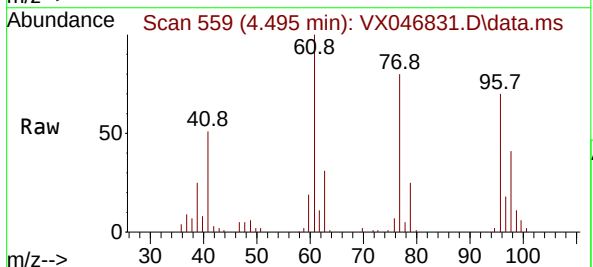
Manual Integrations
APPROVED

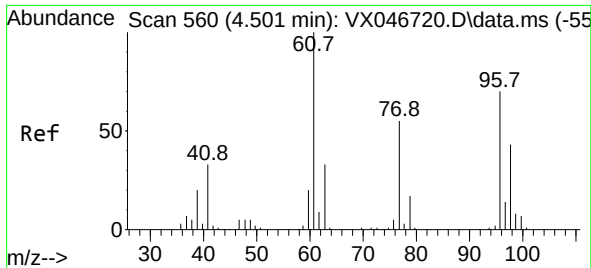
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#26
2,2-Dichloropropane
Concen: 18.523 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

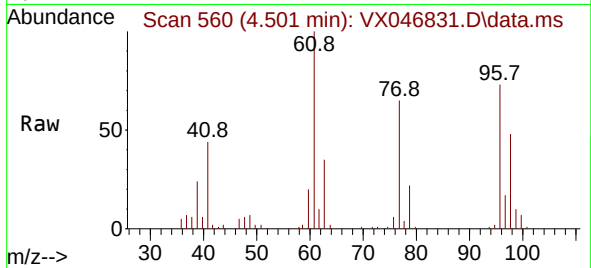
Tgt Ion: 77 Resp: 45228
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.549 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: VX046831.D
 Acq: 30 Jun 2025 10:21

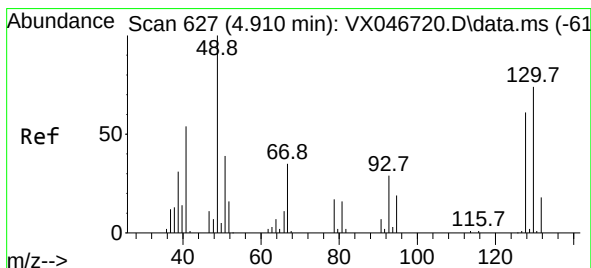
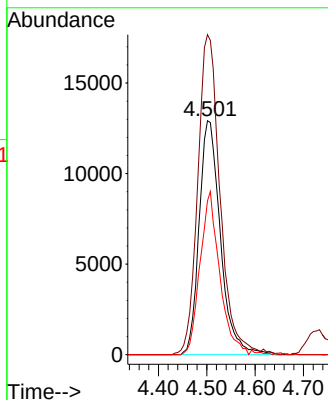
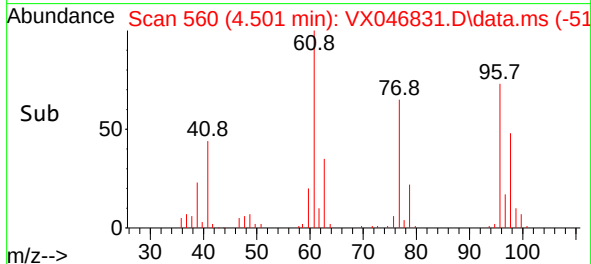
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01



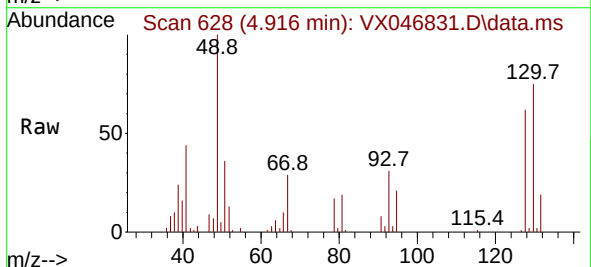
Tgt Ion: 96 Resp: 39480
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 291.0
 98 64.4 0.0 126.8

Manual Integrations
 APPROVED

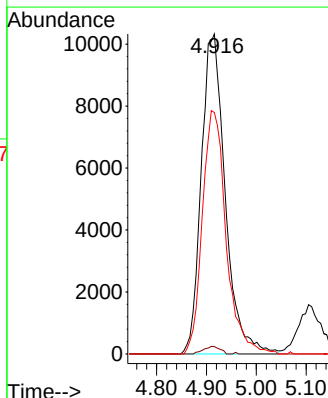
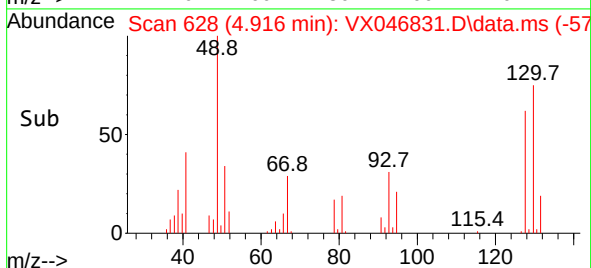
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

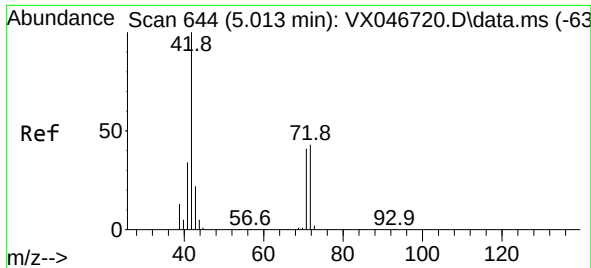


#28
 Bromochloromethane
 Concen: 22.692 ug/l
 RT: 4.916 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VX046831.D
 Acq: 30 Jun 2025 10:21



Tgt Ion: 49 Resp: 34441
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 75.4 61.4 92.0





#29

Tetrahydrofuran

Concen: 80.383 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

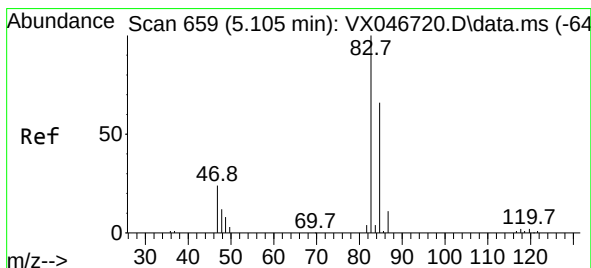
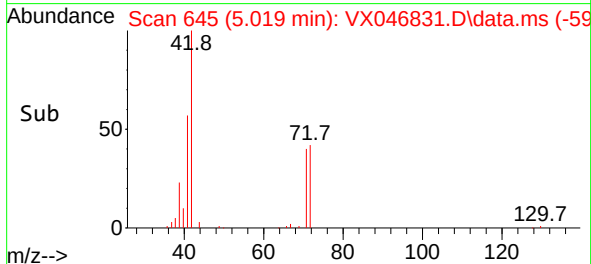
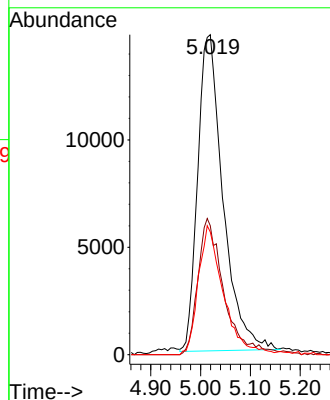
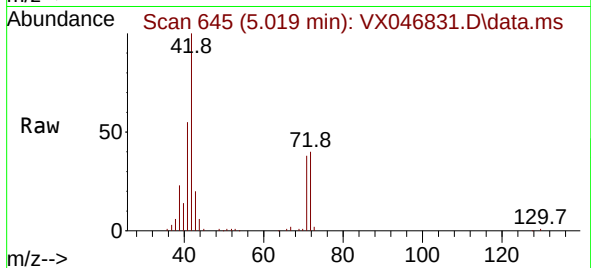
Tgt Ion: 42 Resp: 51919
 Ion Ratio Lower Upper
 42 100
 72 44.1 34.9 52.3
 71 40.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#30

Chloroform

Concen: 18.785 ug/l

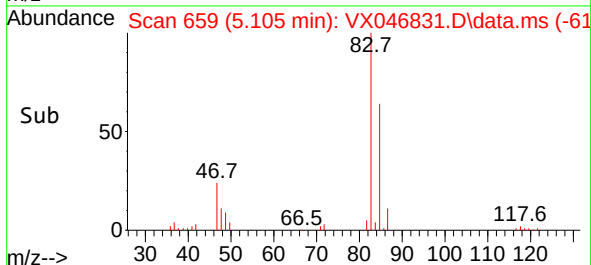
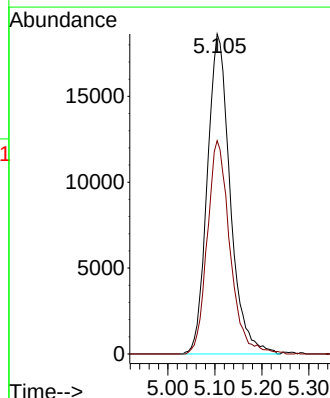
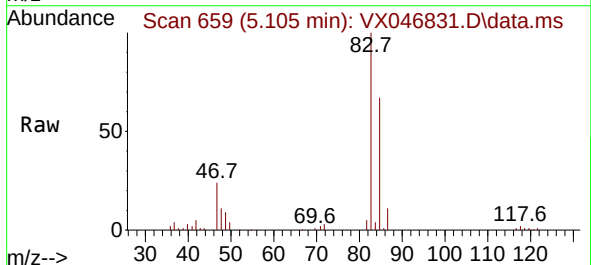
RT: 5.105 min Scan# 659

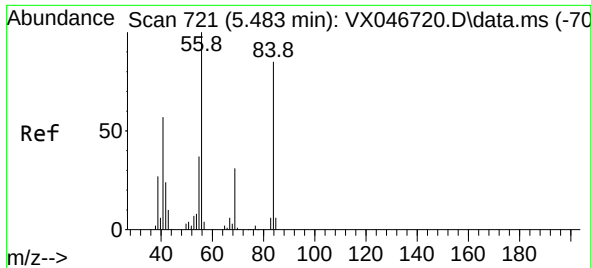
Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

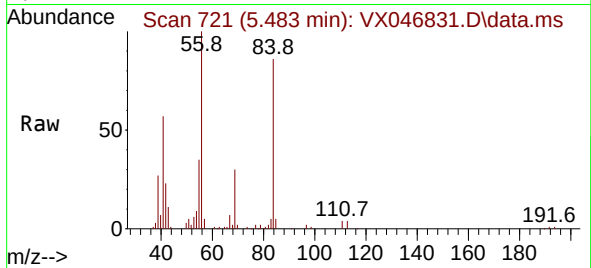
Tgt Ion: 83 Resp: 62894
 Ion Ratio Lower Upper
 83 100
 85 66.6 53.7 80.5





#31
Cyclohexane
Concen: 18.120 ug/l
RT: 5.483 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

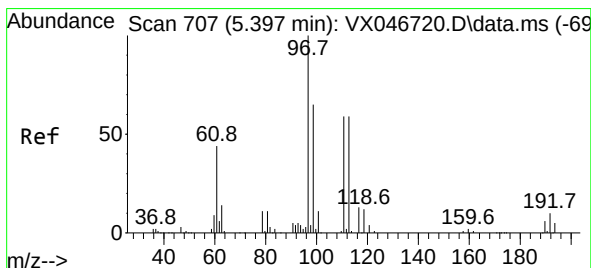
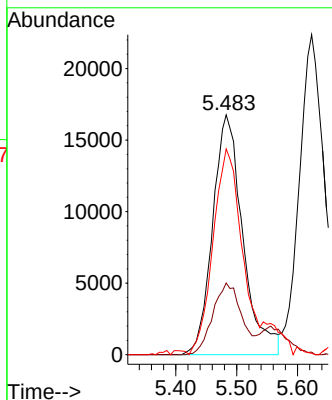
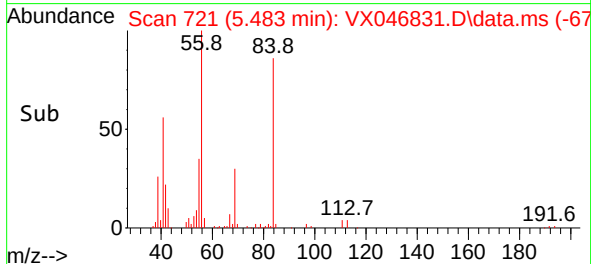
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 56 Resp: 5752
Ion Ratio Lower Upper
56 100
69 29.9 24.8 37.2
84 84.1 68.2 102.2

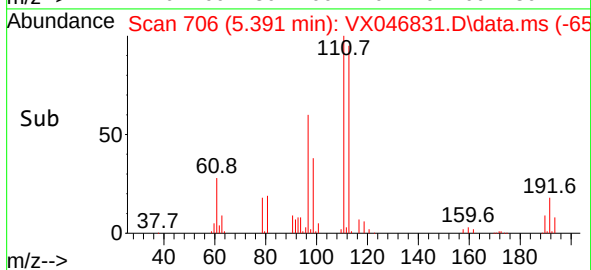
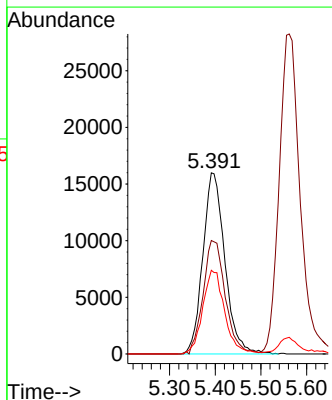
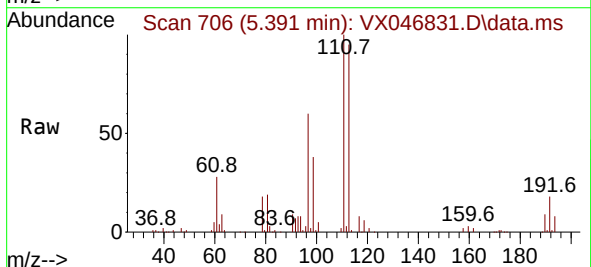
Manual Integrations
APPROVED

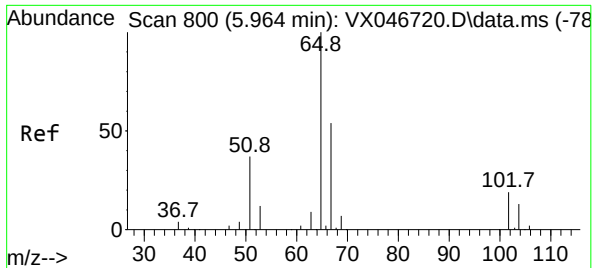
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#32
1,1,1-Trichloroethane
Concen: 18.248 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

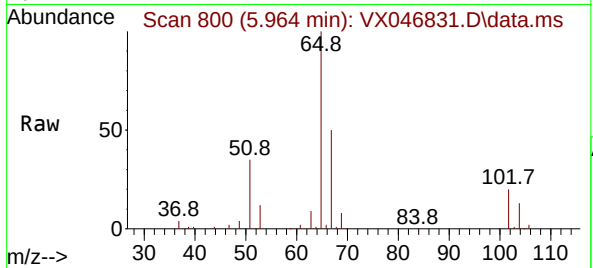
Tgt Ion: 97 Resp: 53581
Ion Ratio Lower Upper
97 100
99 63.0 51.3 76.9
61 46.0 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 48.393 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

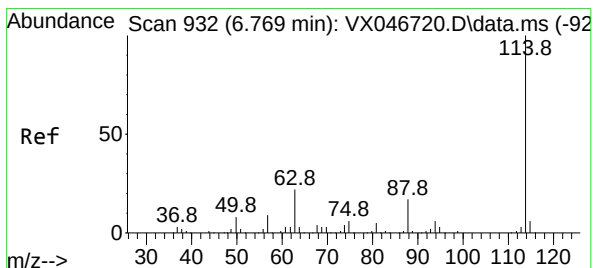
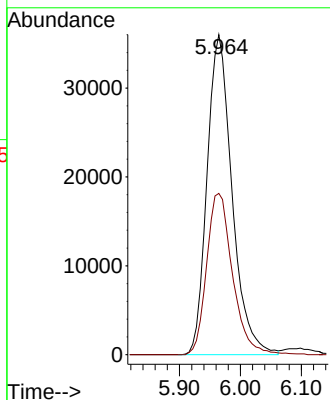
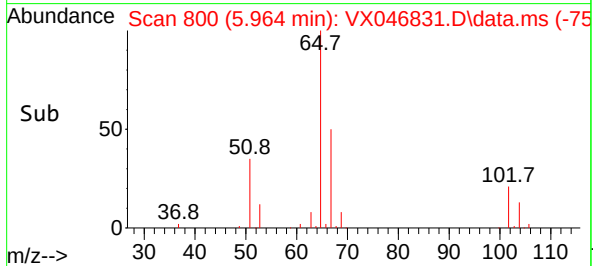
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 65 Resp: 102609
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

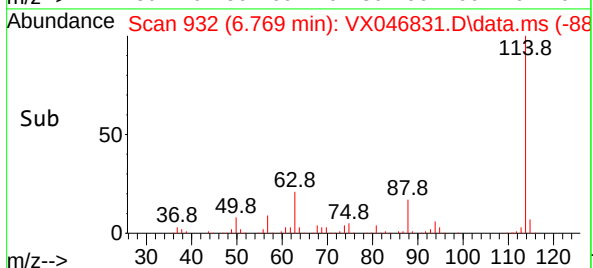
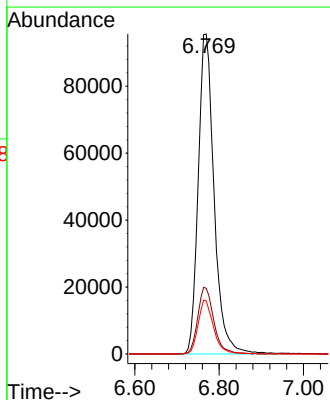
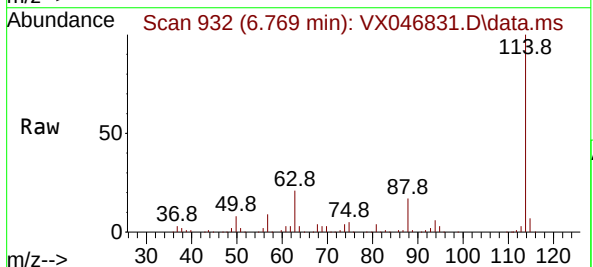
Manual Integrations
APPROVED

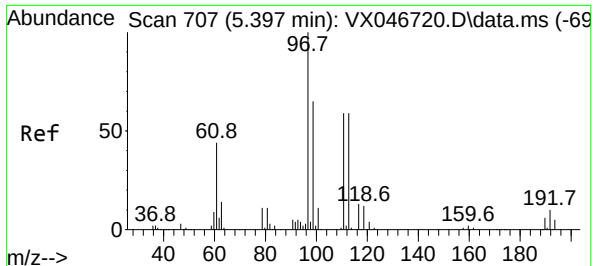
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion:114 Resp: 250543
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.2
88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.735 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046831.D

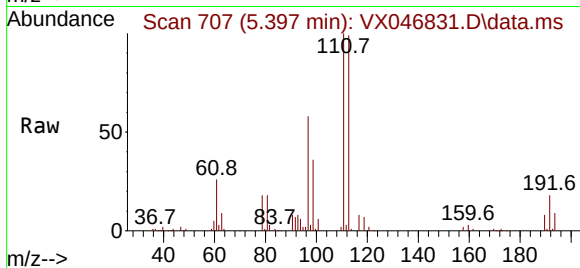
Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01



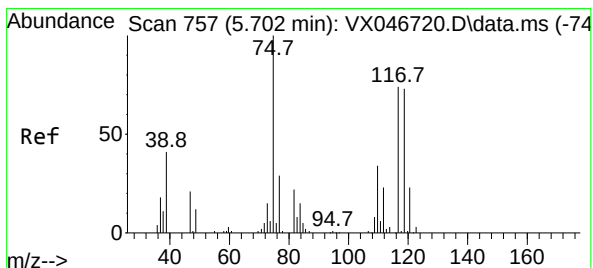
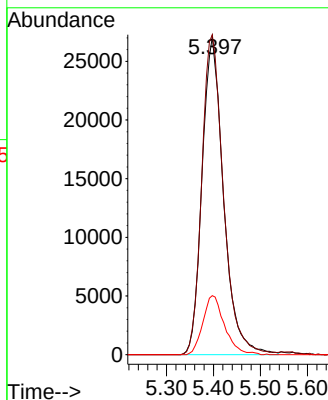
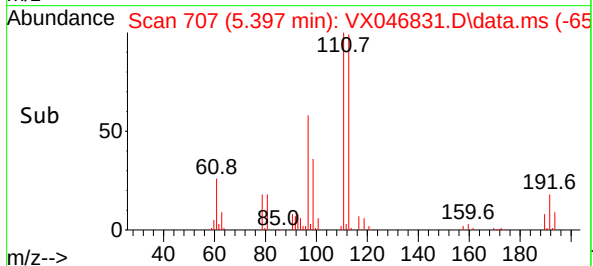
Tgt Ion:	113	Resp:	85760
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	18.8	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#36

1,1-Dichloropropene

Concen: 17.684 ug/l

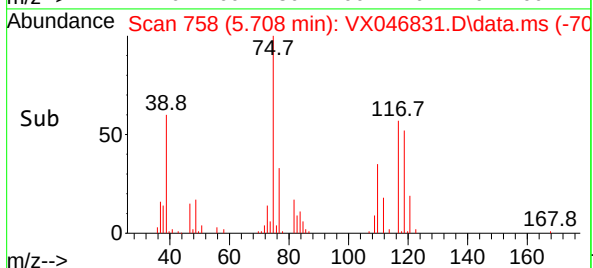
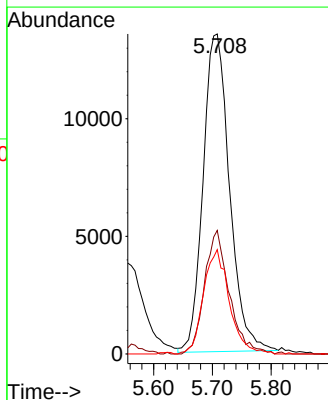
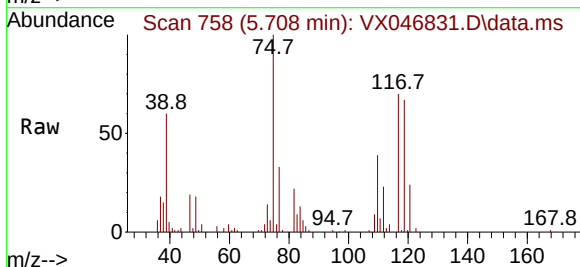
RT: 5.708 min Scan# 758

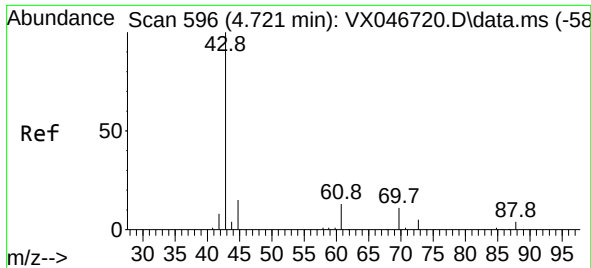
Delta R.T. 0.006 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

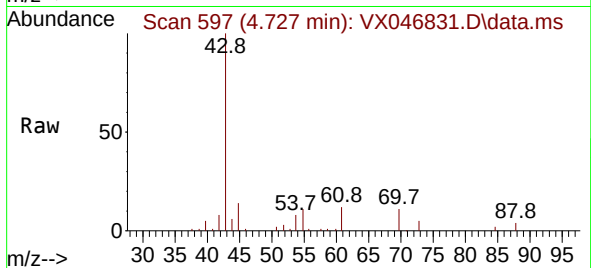
Tgt Ion:	75	Resp:	42316
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.2	51.5
77	32.1	24.2	36.4





#37
Ethyl Acetate
Concen: 15.332 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

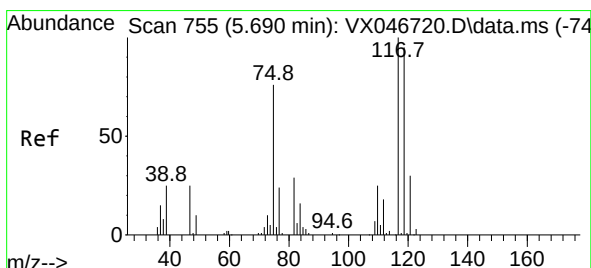
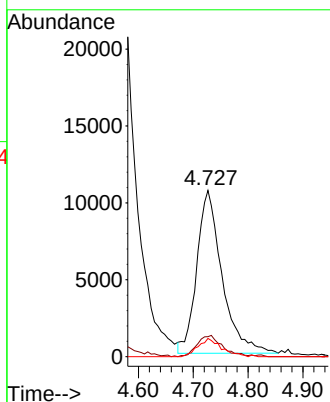
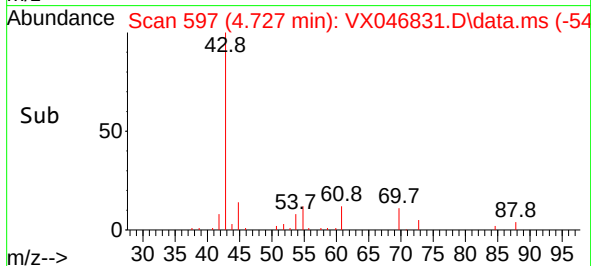
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 43 Resp: 3386
Ion Ratio Lower Upper
43 100
61 13.0 9.7 14.5
70 10.4 8.1 12.1

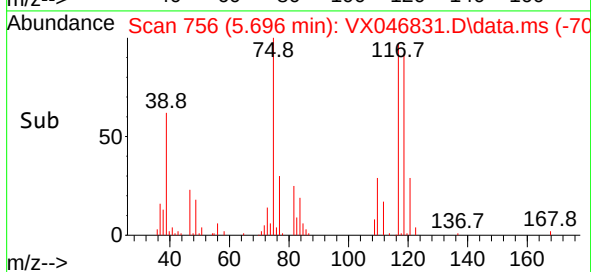
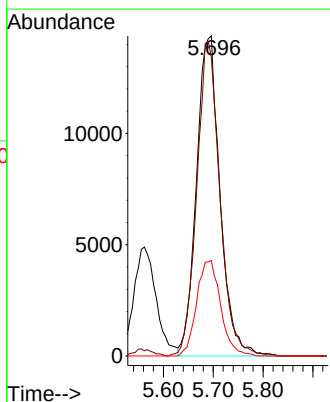
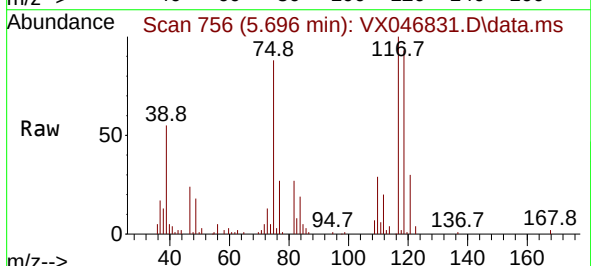
Manual Integrations
APPROVED

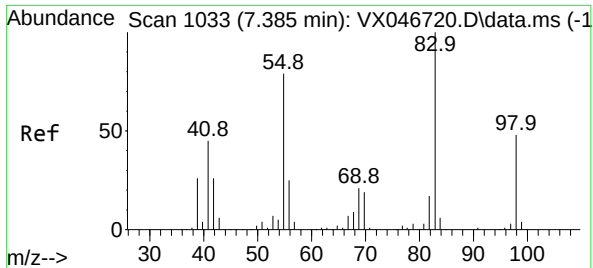
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#38
Carbon Tetrachloride
Concen: 18.166 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

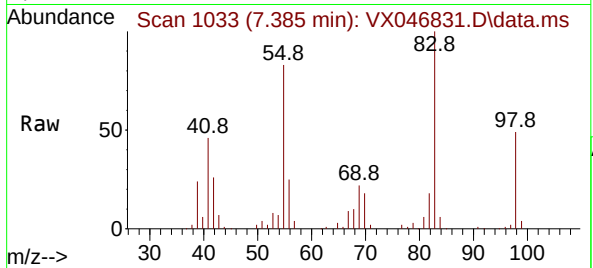
Tgt Ion:117 Resp: 47176
Ion Ratio Lower Upper
117 100
119 93.5 75.2 112.8
121 29.8 24.1 36.1





#39
Methylcyclohexane
Concen: 17.684 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

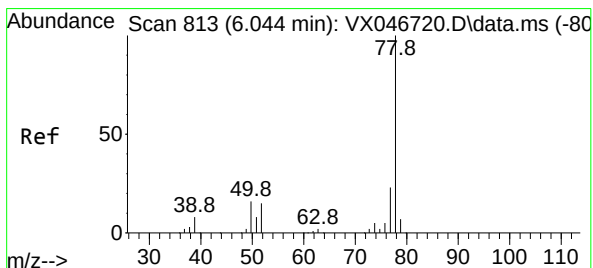
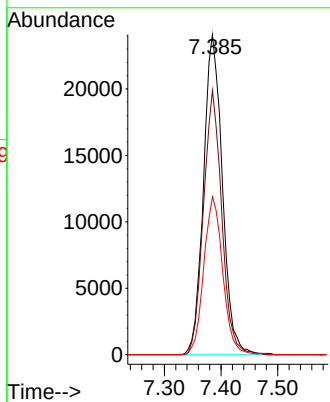
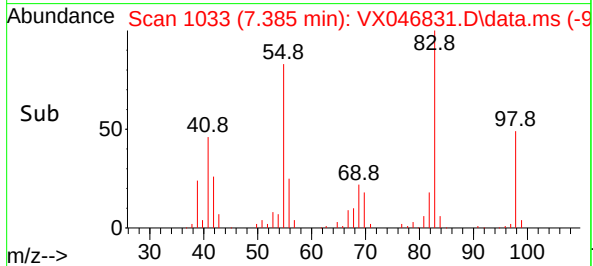
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



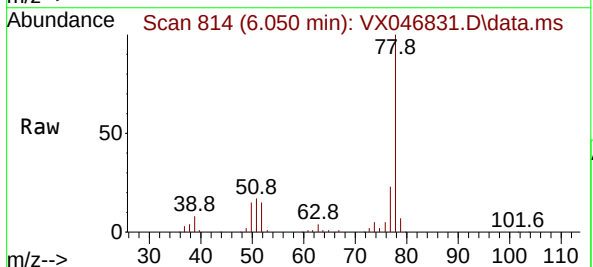
Tgt Ion: 83 Resp: 55684
Ion Ratio Lower Upper
83 100
55 82.5 63.0 94.4
98 49.4 38.8 58.2

Manual Integrations
APPROVED

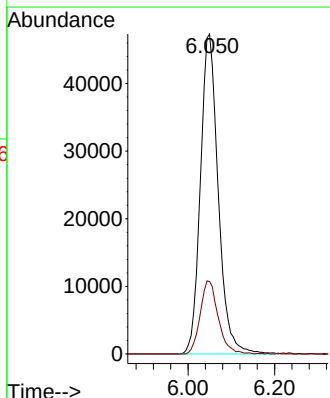
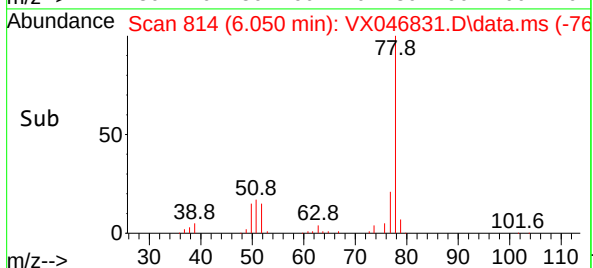
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

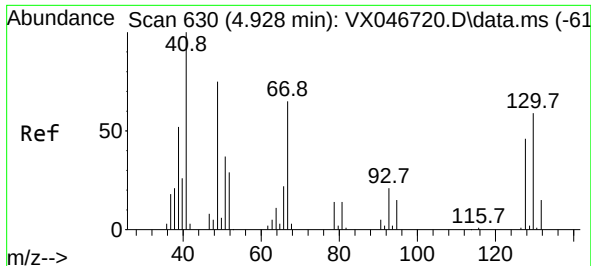


#40
Benzene
Concen: 19.068 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21



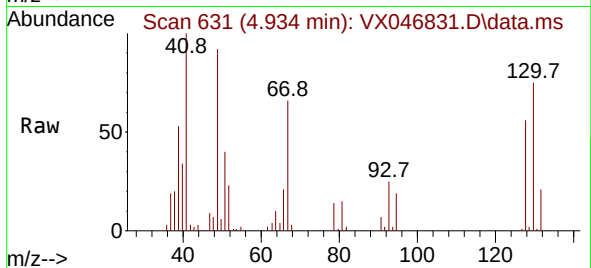
Tgt Ion: 78 Resp: 135036
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2





#41
Methacrylonitrile
Concen: 18.202 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

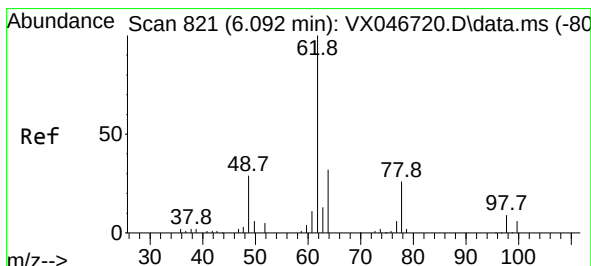
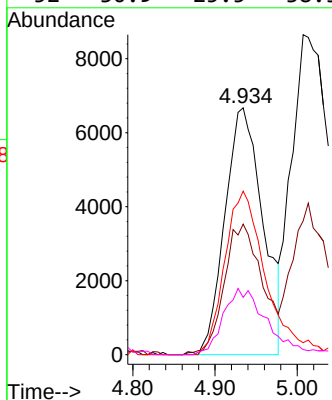
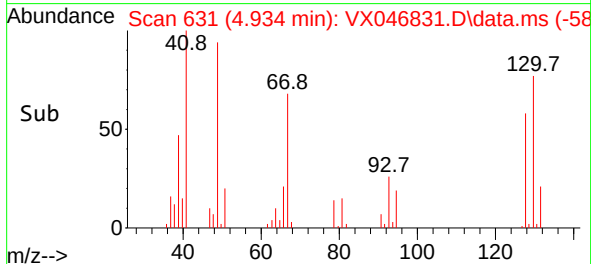
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 41 Resp: 21434
Ion Ratio Lower Upper
41 100
39 53.2 45.9 68.9
67 71.6 61.2 91.8
52 30.9 25.5 38.3

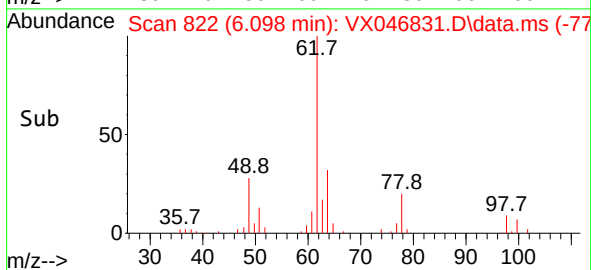
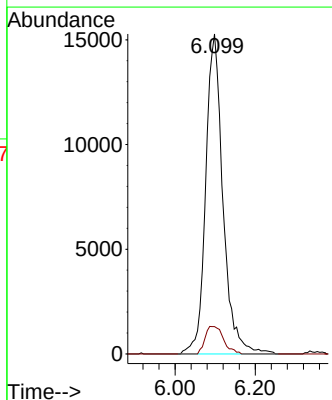
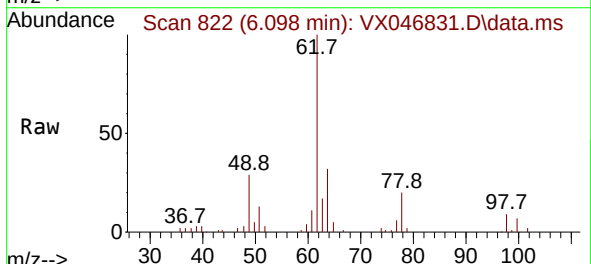
Manual Integrations
APPROVED

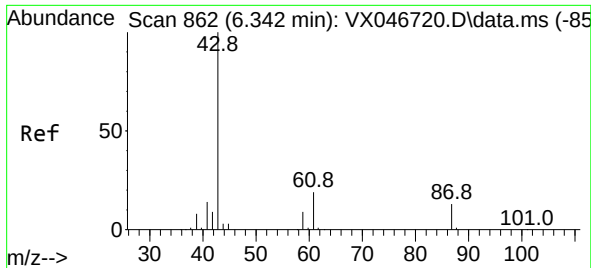
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#42
1,2-Dichloroethane
Concen: 18.347 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

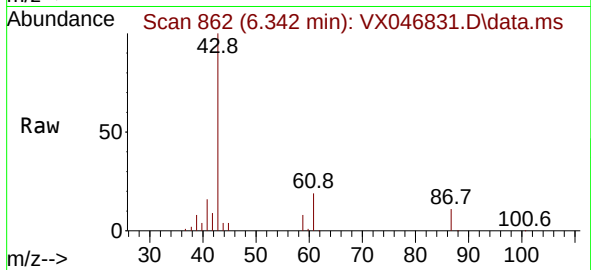
Tgt Ion: 62 Resp: 45659
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.8





#43
Isopropyl Acetate
Concen: 16.786 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

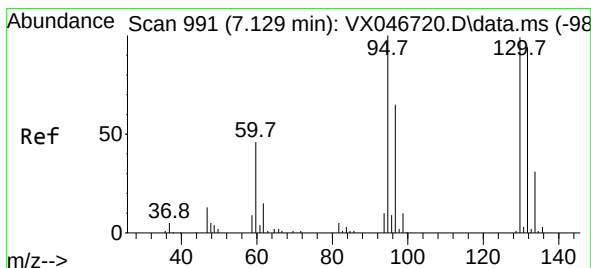
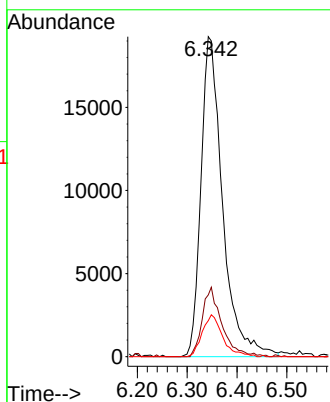
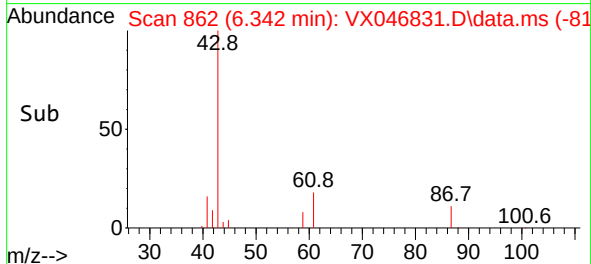
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 43 Resp: 58019
Ion Ratio Lower Upper
43 100
61 19.6 15.3 22.9
87 12.4 10.0 15.0

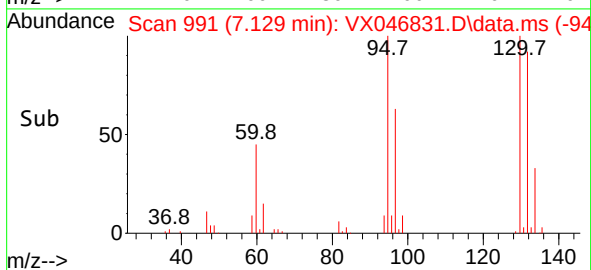
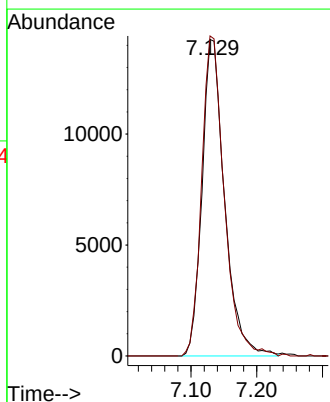
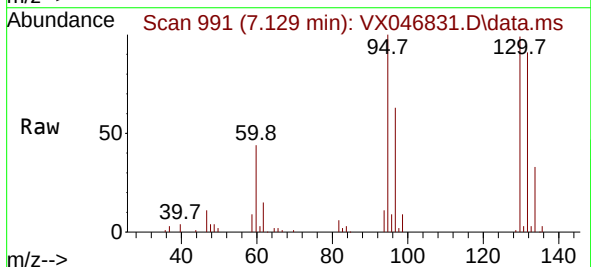
Manual Integrations
APPROVED

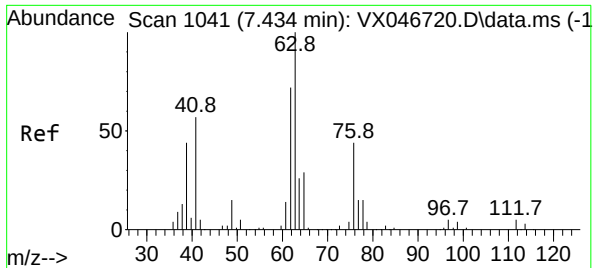
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#44
Trichloroethene
Concen: 18.823 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion:130 Resp: 33971
Ion Ratio Lower Upper
130 100
95 101.1 0.0 202.6





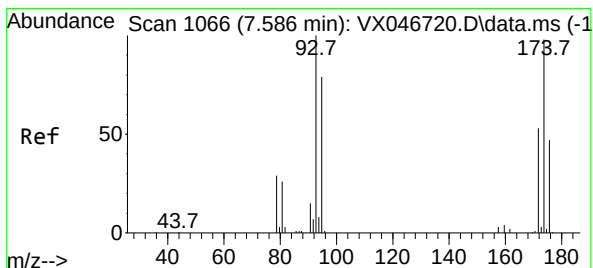
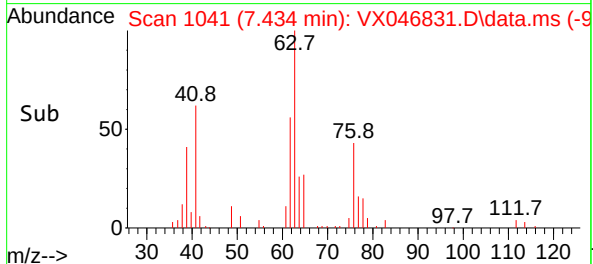
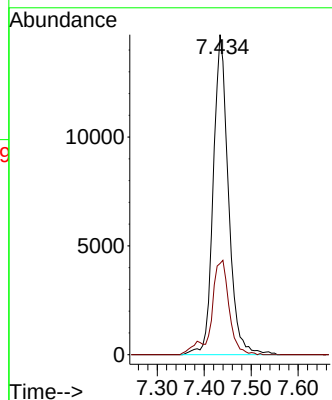
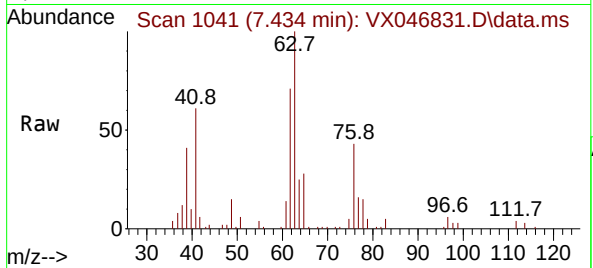
#45
1,2-Dichloropropane
Concen: 18.774 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 63 Resp: 3295
Ion Ratio Lower Upper
63 100
65 28.5 22.9 34.3

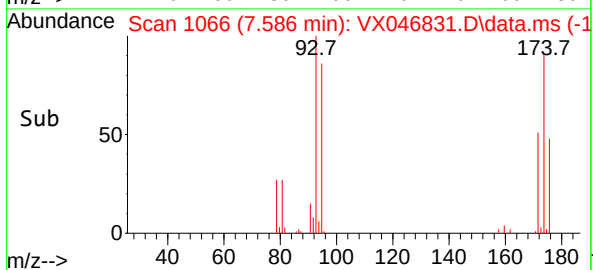
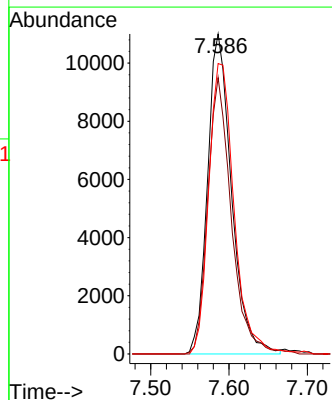
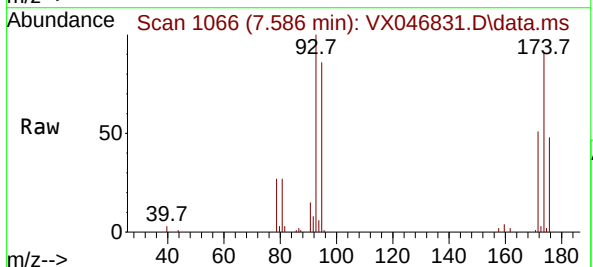
Manual Integrations
APPROVED

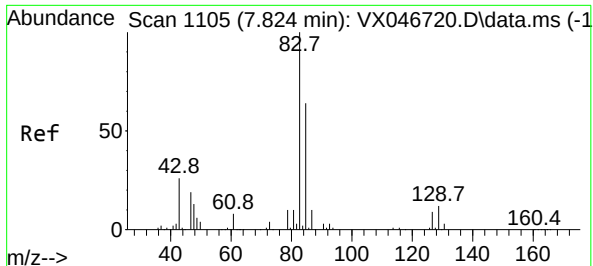
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#46
Dibromomethane
Concen: 18.595 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

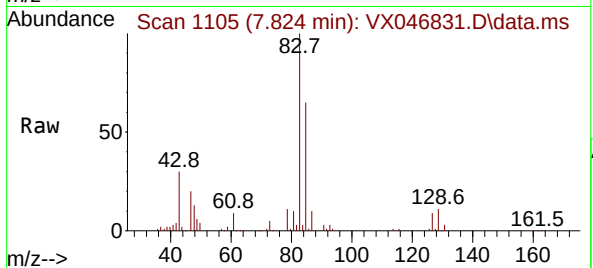
Tgt Ion: 93 Resp: 23455
Ion Ratio Lower Upper
93 100
95 84.6 66.2 99.4
174 96.0 77.0 115.6





#47
Bromodichloromethane
Concen: 19.304 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

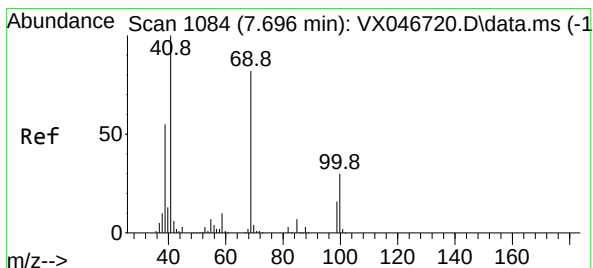
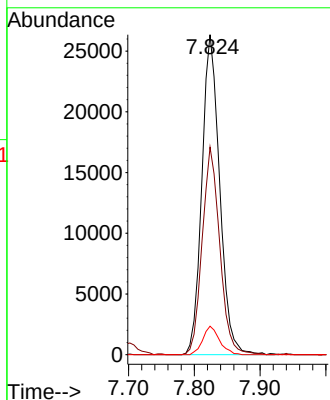
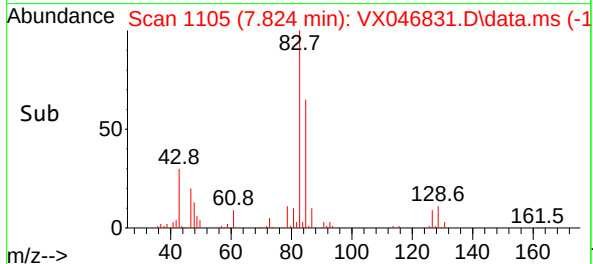
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 83 Resp: 49690
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.9 6.9 10.3

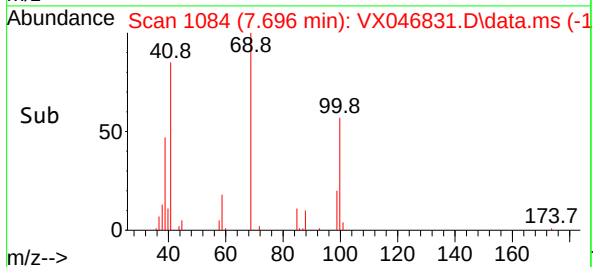
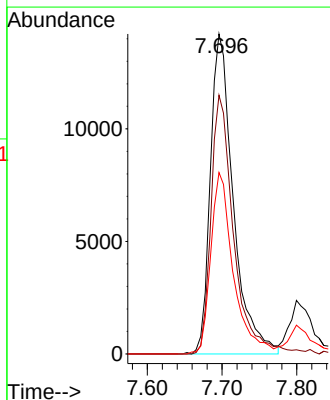
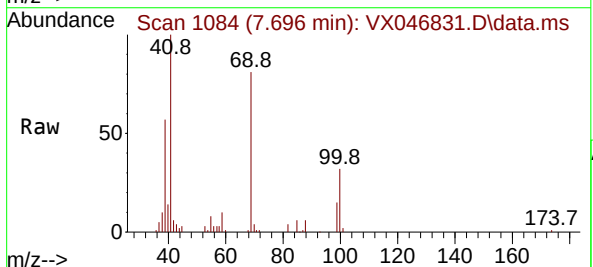
Manual Integrations
APPROVED

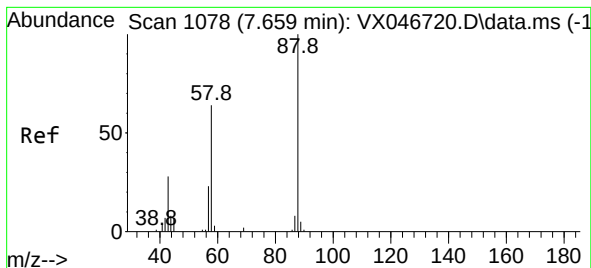
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#48
Methyl methacrylate
Concen: 17.488 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 41 Resp: 30314
Ion Ratio Lower Upper
41 100
69 80.2 63.4 95.2
39 55.7 45.4 68.0





#49

1,4-Dioxane

Concen: 320.433 ug/l

RT: 7.659 min Scan# 110

Delta R.T. 0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

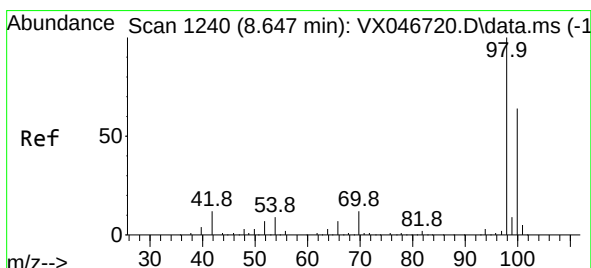
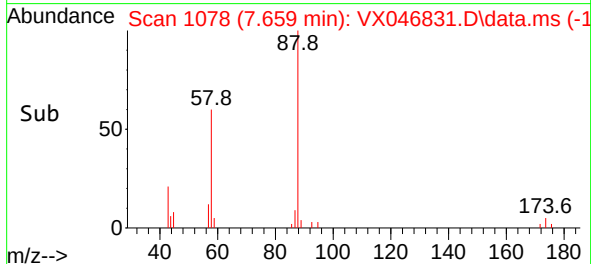
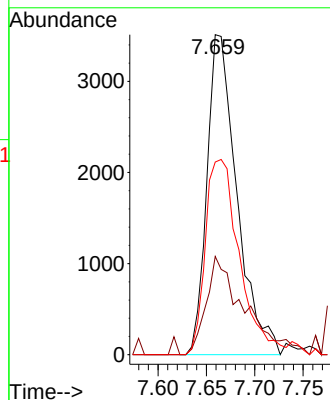
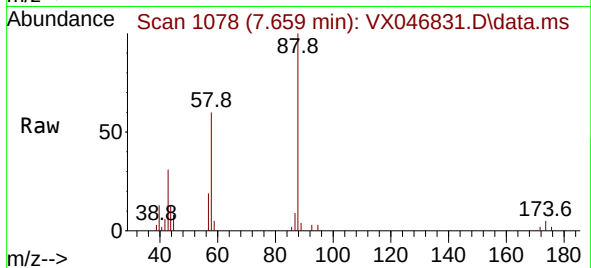
Tgt Ion: 88 Resp: 758
 Ion Ratio Lower Upper
 88 100
 43 39.3 31.2 46.8
 58 69.3 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#50

Toluene-d8

Concen: 51.595 ug/l

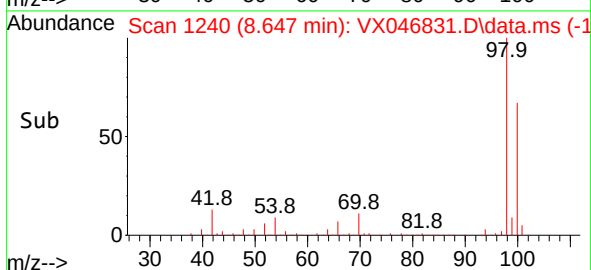
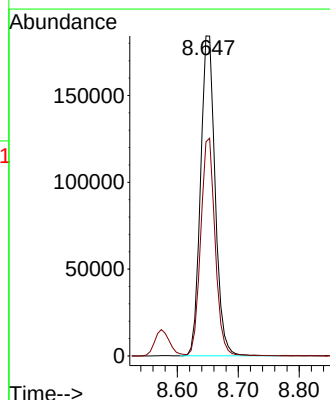
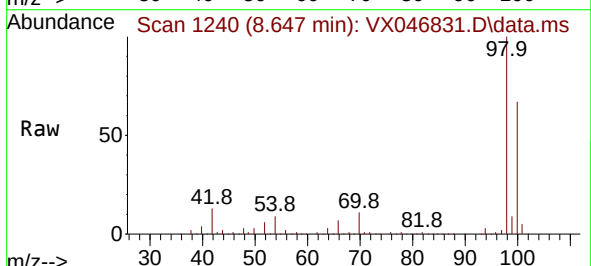
RT: 8.647 min Scan# 1240

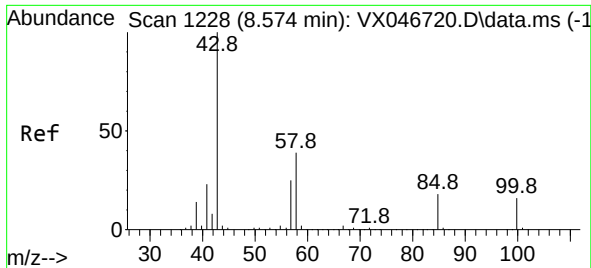
Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

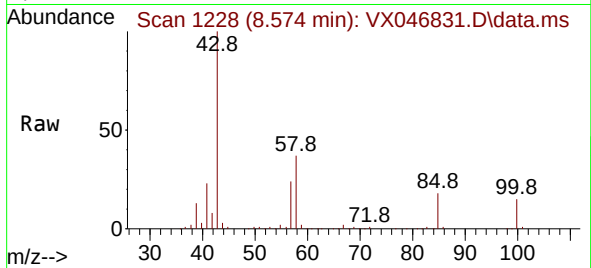
Tgt Ion: 98 Resp: 307283
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 86.954 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

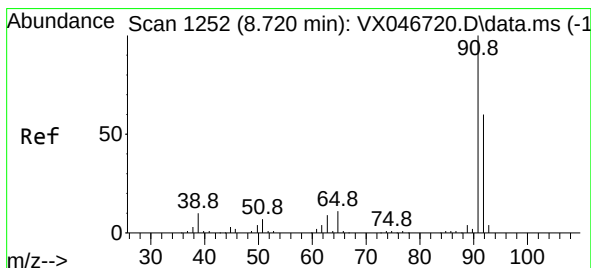
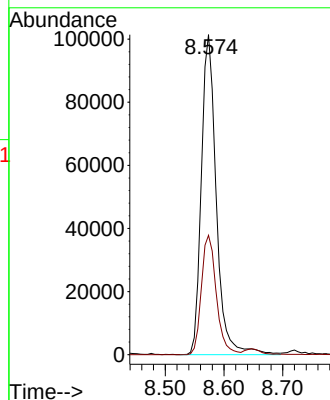
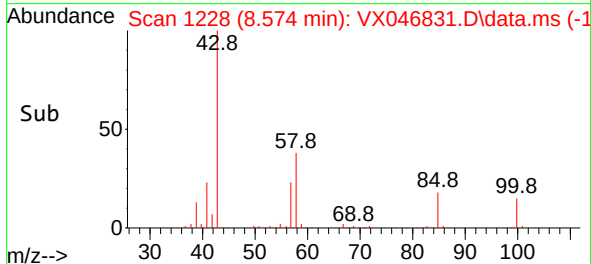
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 43 Resp: 179250
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2

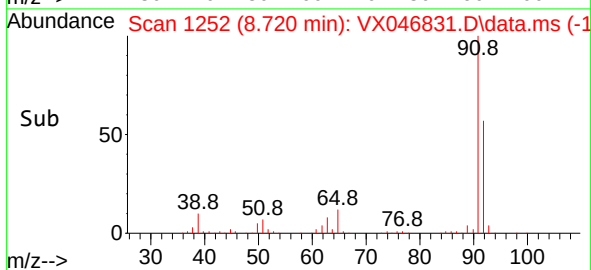
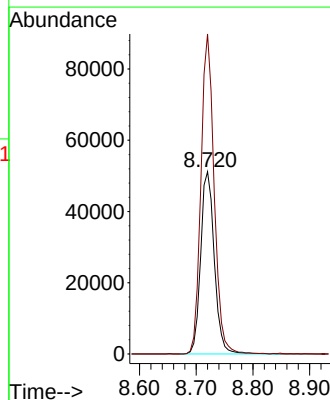
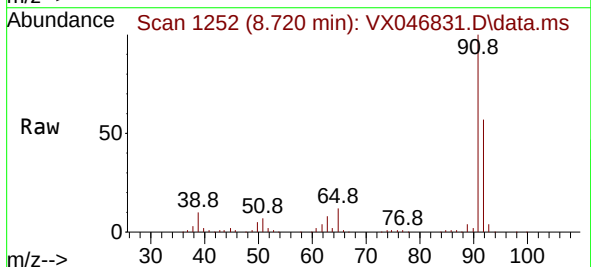
Manual Integrations
APPROVED

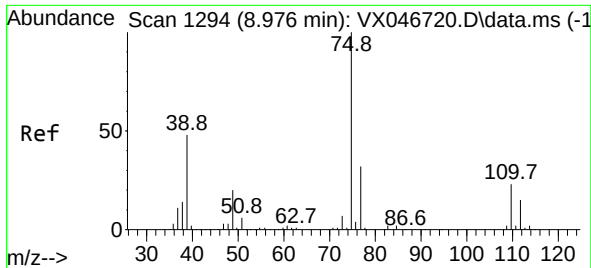
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#52
Toluene
Concen: 19.406 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 92 Resp: 85197
Ion Ratio Lower Upper
92 100
91 170.6 134.8 202.2





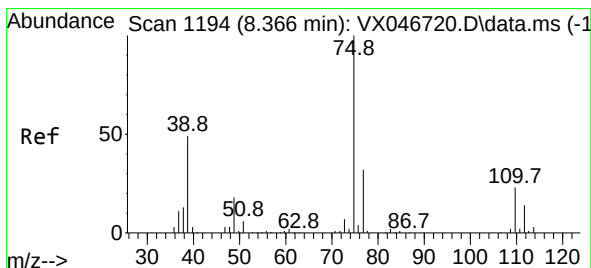
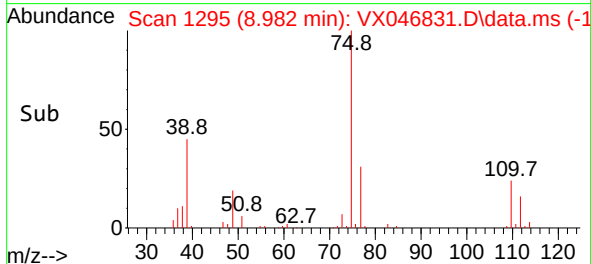
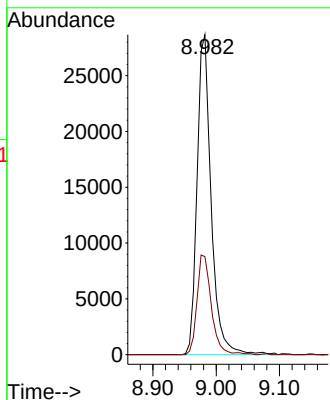
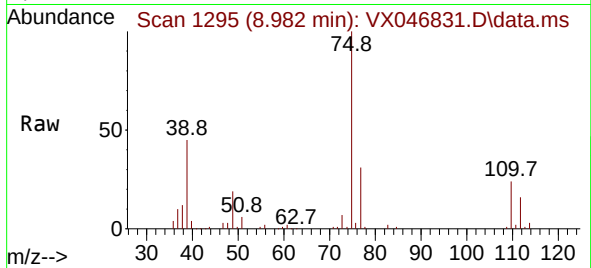
#53
t-1,3-Dichloropropene
Concen: 18.625 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 75 Resp: 4448
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

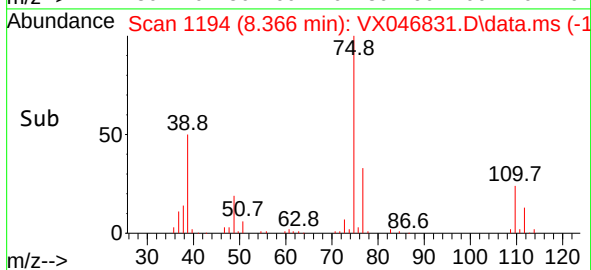
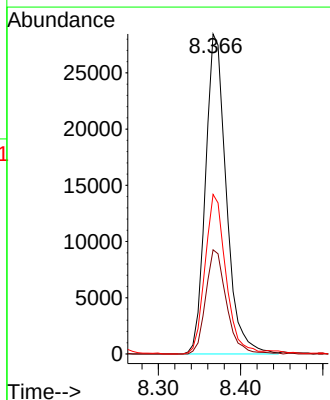
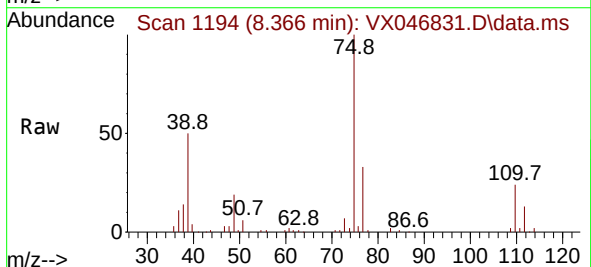
Manual Integrations
APPROVED

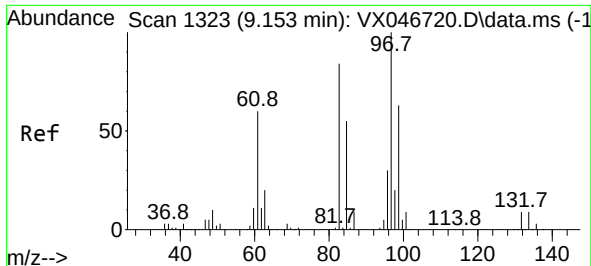
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#54
cis-1,3-Dichloropropene
Concen: 18.432 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 75 Resp: 49974
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 52.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 18.985 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tgt Ion: 97 Resp: 31060

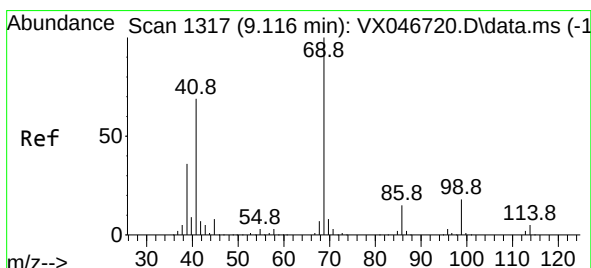
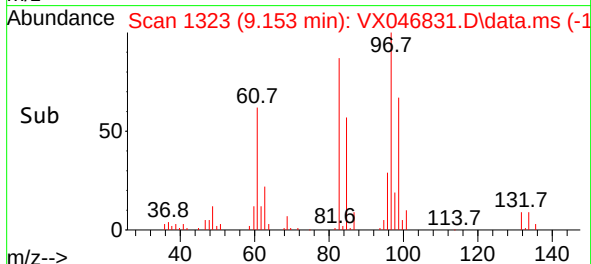
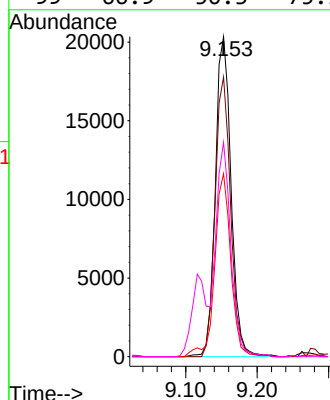
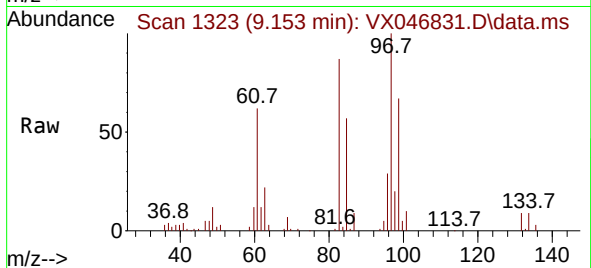
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.2	100.8
85	57.2	44.1	66.1
99	66.9	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#56

Ethyl methacrylate

Concen: 17.856 ug/l

RT: 9.116 min Scan# 1317

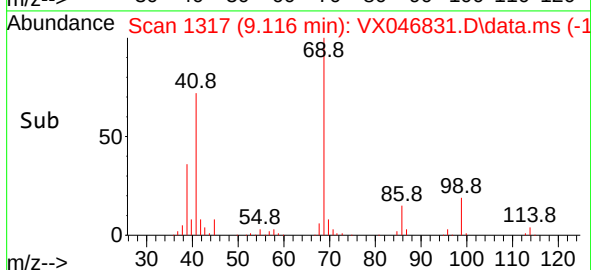
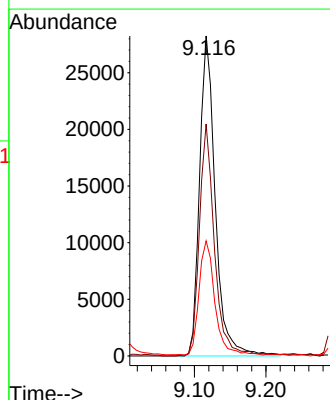
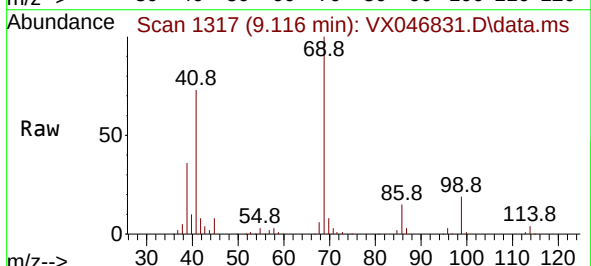
Delta R.T. -0.000 min

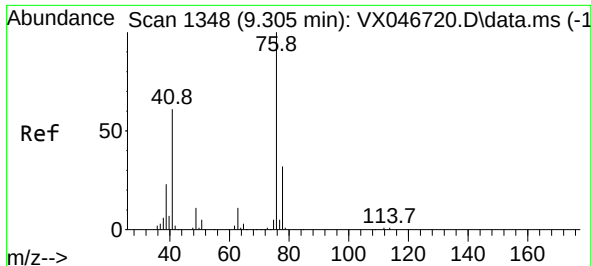
Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Tgt Ion: 69 Resp: 43124

Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.4	83.2
39	36.0	29.7	44.5





#57

1,3-Dichloropropane

Concen: 18.937 ug/l

RT: 9.311 min Scan# 11348

Delta R.T. 0.006 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tgt Ion: 76 Resp: 5335

Ion Ratio Lower Upper

76 100

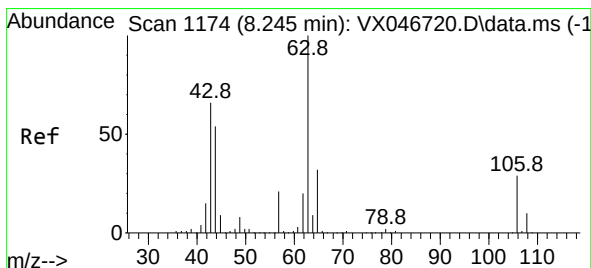
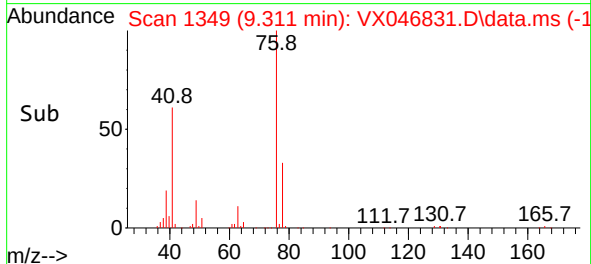
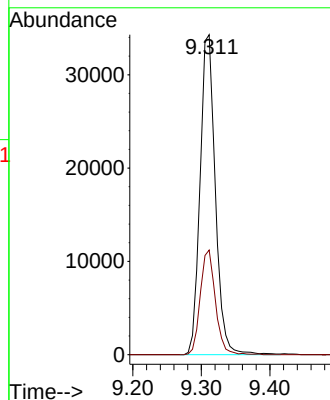
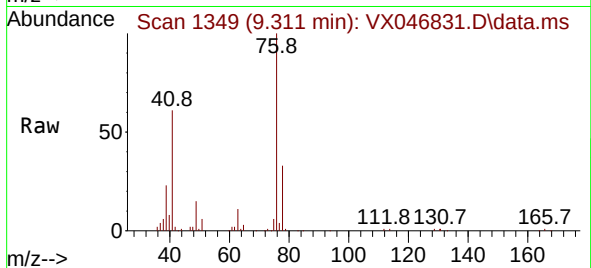
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 89.970 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046831.D

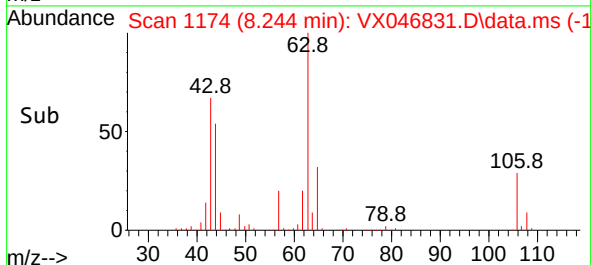
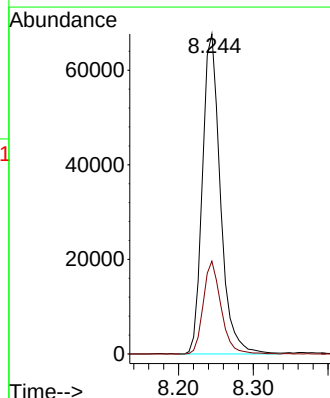
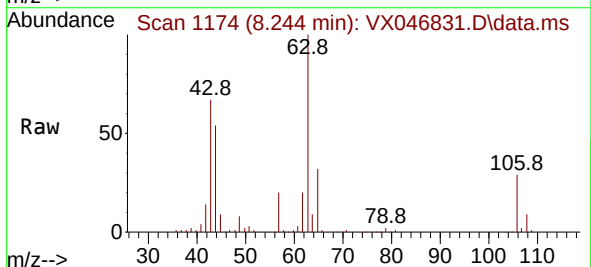
Acq: 30 Jun 2025 10:21

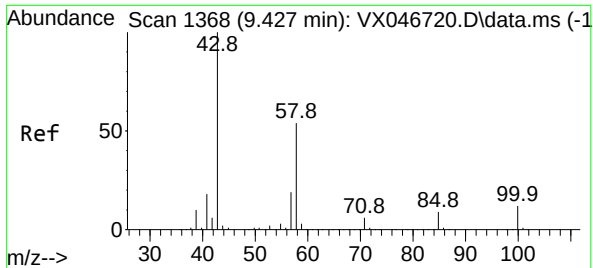
Tgt Ion: 63 Resp: 112873

Ion Ratio Lower Upper

63 100

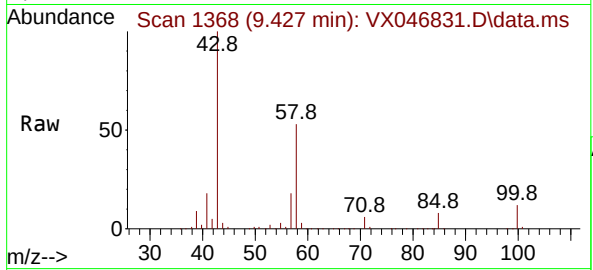
106 28.6 22.6 34.0





#59
2-Hexanone
Concen: 84.160 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

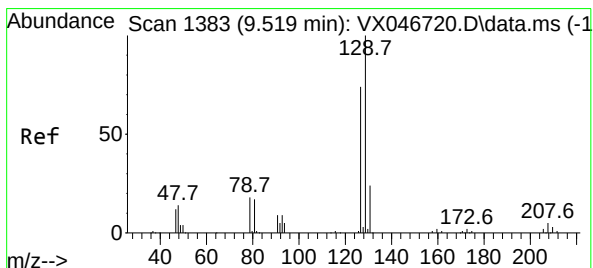
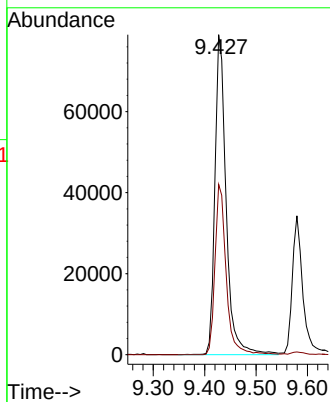
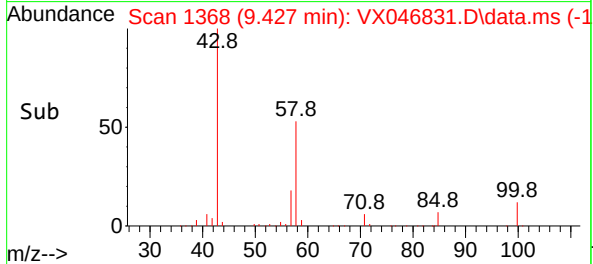
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 43 Resp: 119940
Ion Ratio Lower Upper
43 100
58 53.1 26.8 80.4

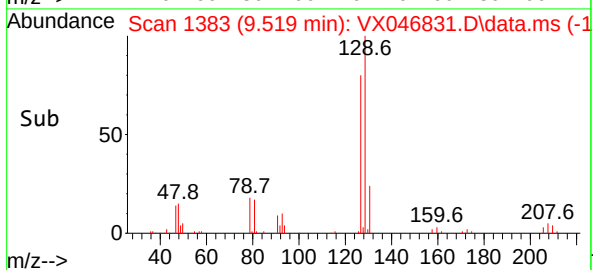
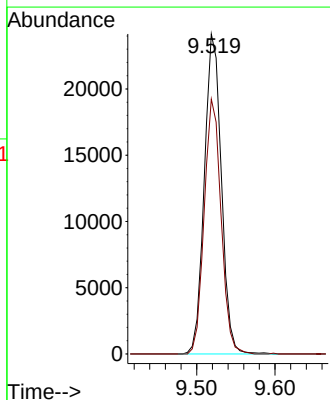
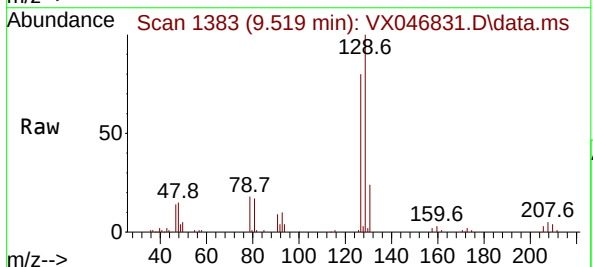
Manual Integrations
APPROVED

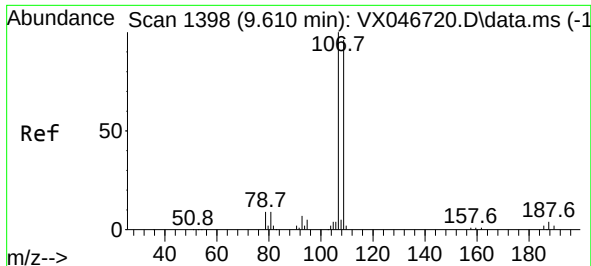
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#60
Dibromochloromethane
Concen: 18.848 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

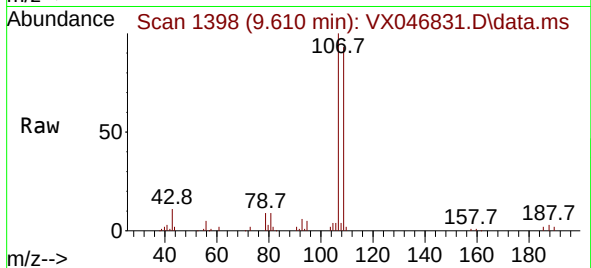
Tgt Ion:129 Resp: 36340
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2





#61
1,2-Dibromoethane
Concen: 18.878 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

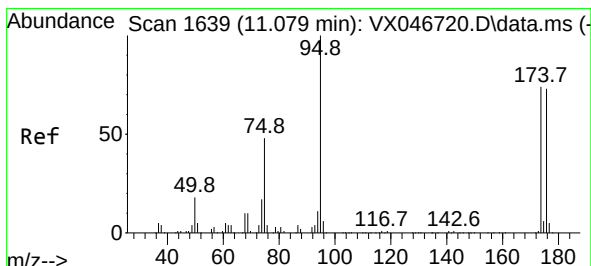
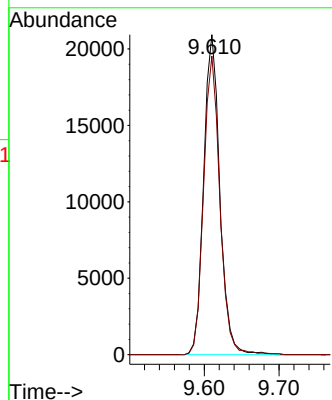
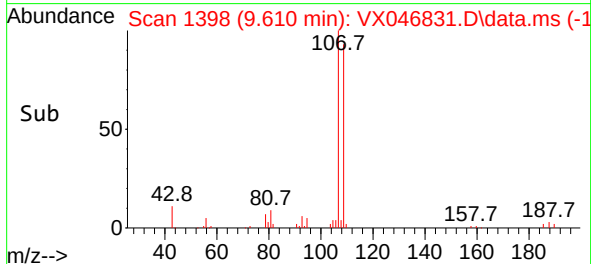
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



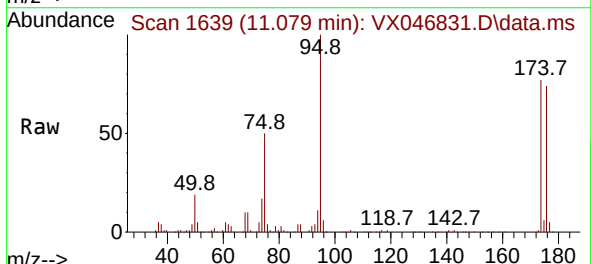
Tgt Ion:107 Resp: 31410
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.6

Manual Integrations
APPROVED

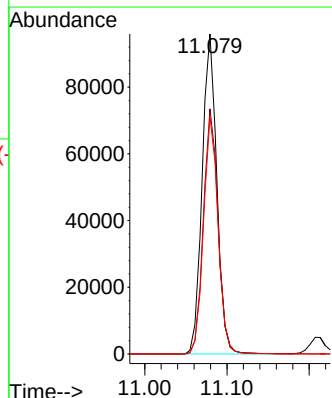
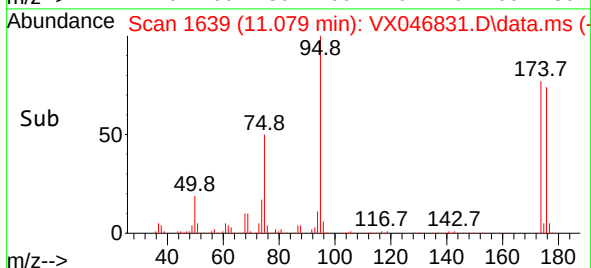
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

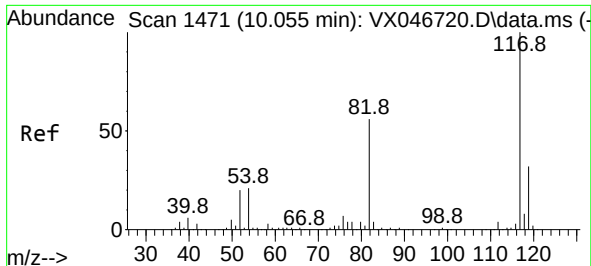


#62
4-Bromofluorobenzene
Concen: 53.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21



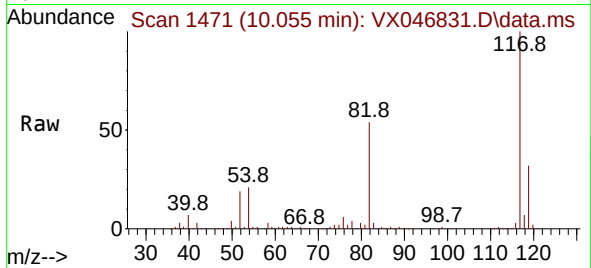
Tgt Ion: 95 Resp: 118592
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.4
176 73.5 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

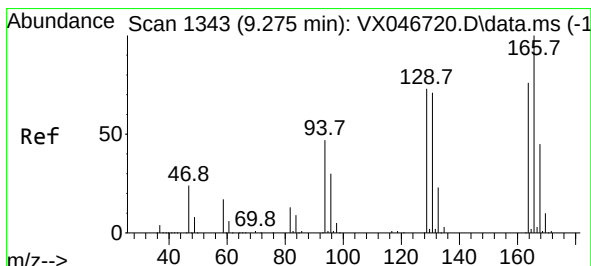
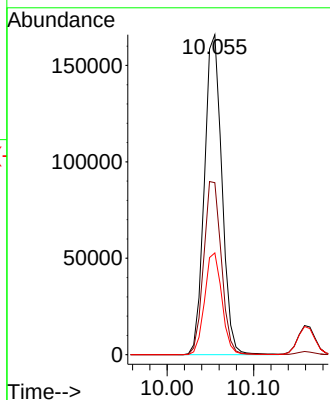
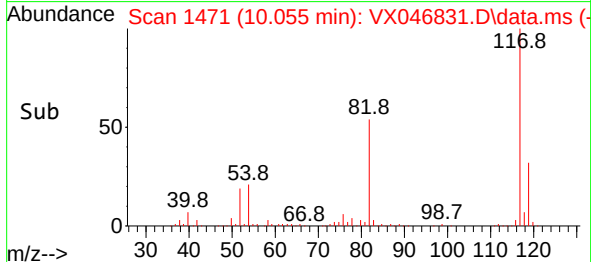
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion:117 Resp: 23263
Ion Ratio Lower Upper
117 100
82 53.8 44.6 66.8
119 31.8 25.8 38.8

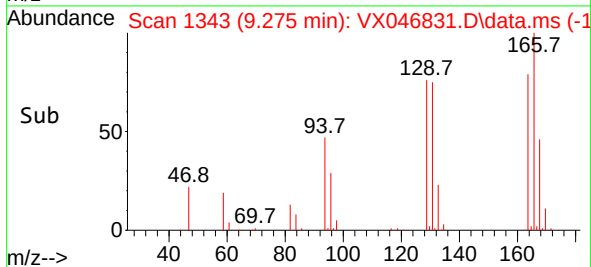
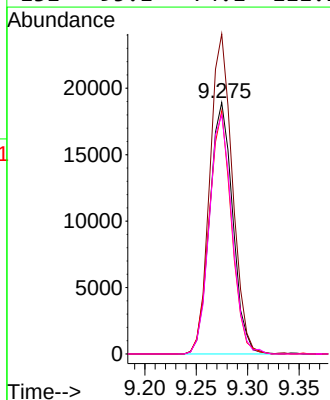
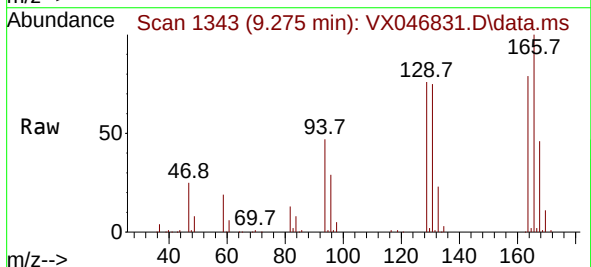
Manual Integrations
APPROVED

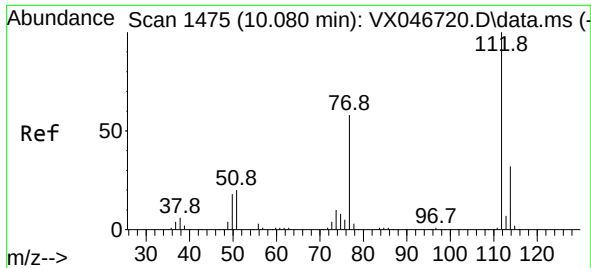
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#64
Tetrachloroethene
Concen: 18.260 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion:164 Resp: 29431
Ion Ratio Lower Upper
164 100
166 127.3 104.6 157.0
129 96.7 76.3 114.5
131 95.1 74.1 111.1





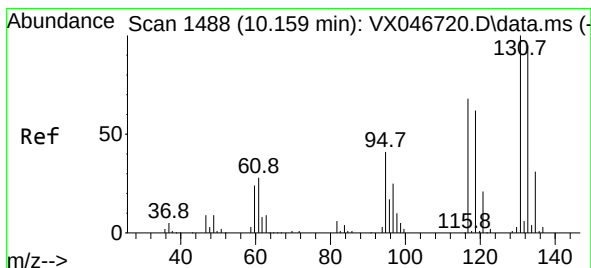
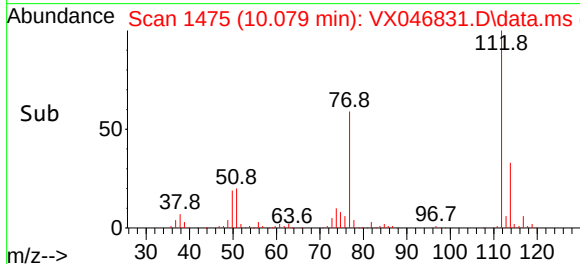
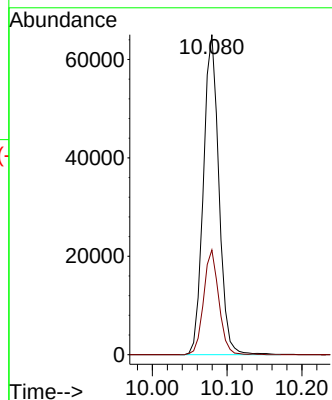
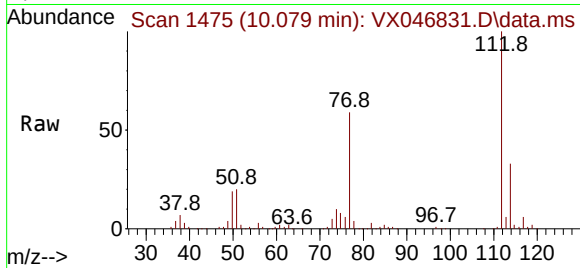
#65
Chlorobenzene
Concen: 18.216 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion:112 Resp: 9354
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

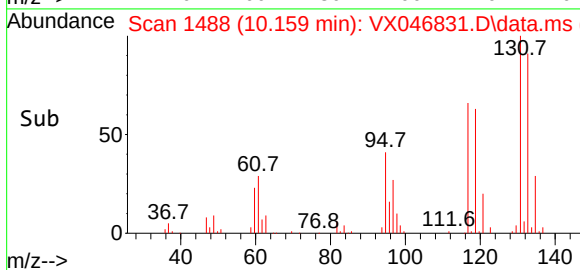
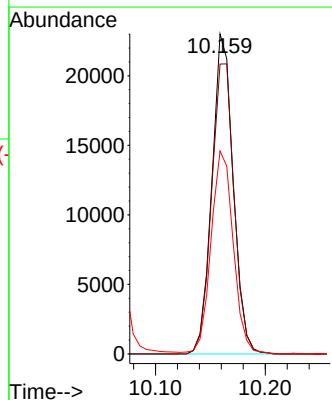
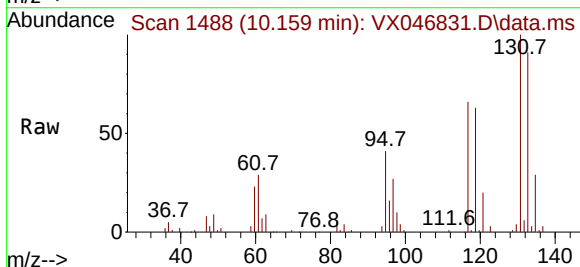
Manual Integrations
APPROVED

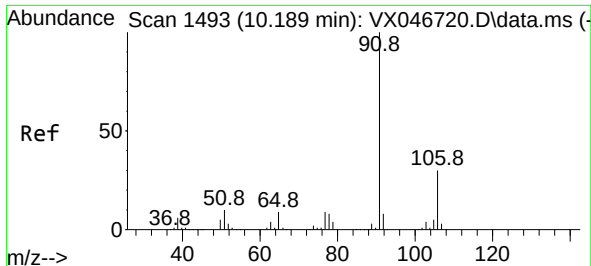
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.969 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion:131 Resp: 31012
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 66.4 32.1 96.3





#67

Ethyl Benzene

Concen: 18.000 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tgt Ion: 91 Resp: 161509

Ion Ratio Lower Upper

91 100

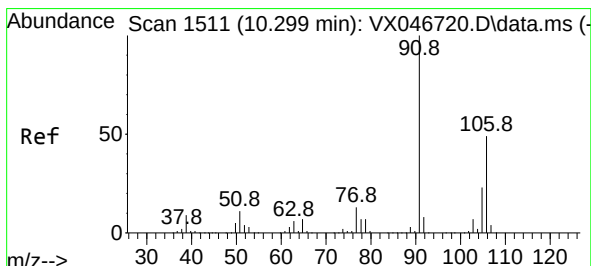
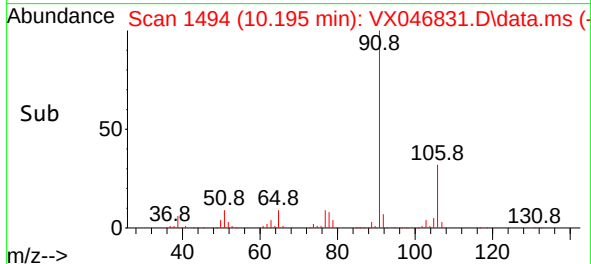
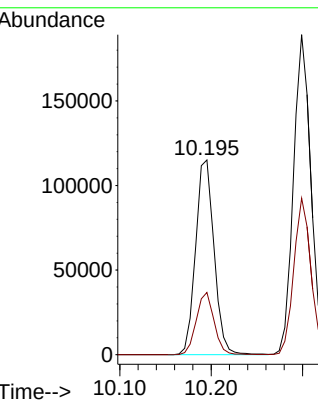
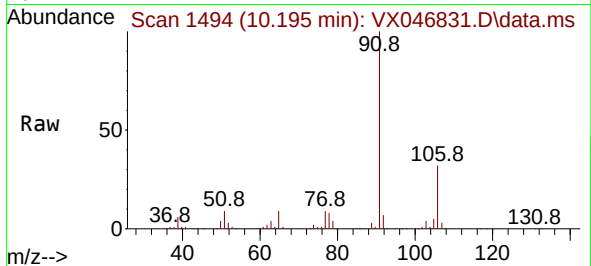
106 31.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#68

m/p-Xylenes

Concen: 36.490 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046831.D

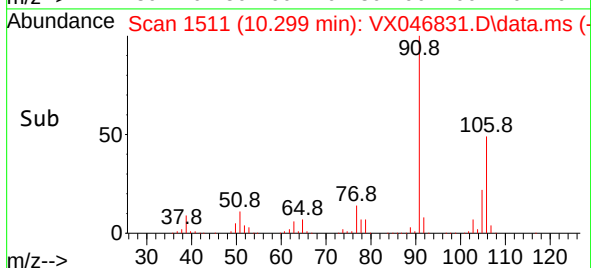
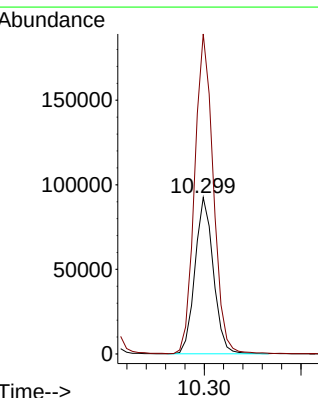
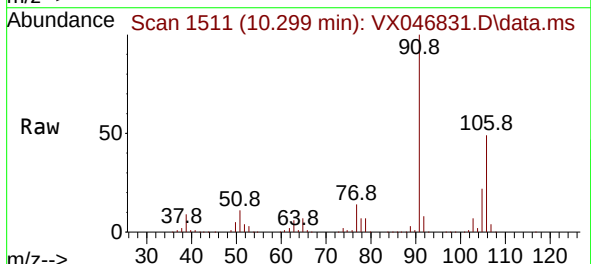
Acq: 30 Jun 2025 10:21

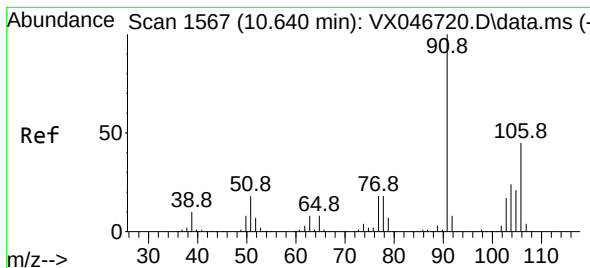
Tgt Ion:106 Resp: 121995

Ion Ratio Lower Upper

106 100

91 207.8 164.8 247.2





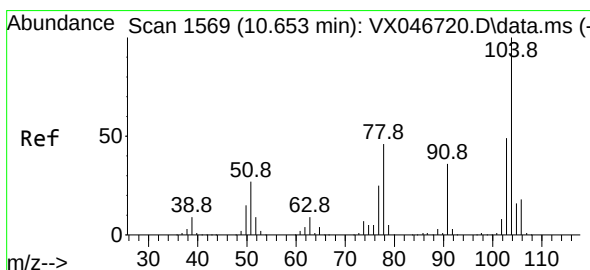
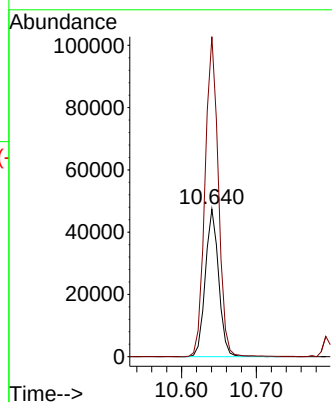
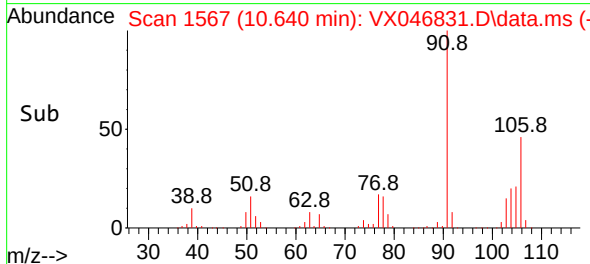
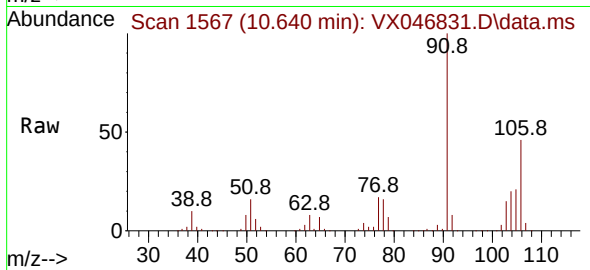
#69
o-Xylene
Concen: 18.700 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion:106 Resp: 5859
Ion Ratio Lower Upper
106 100
91 217.1 111.3 333.9

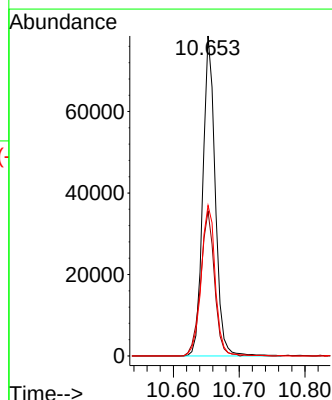
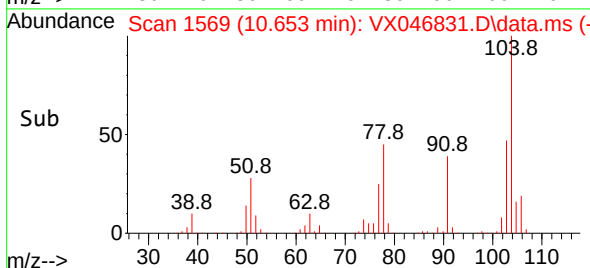
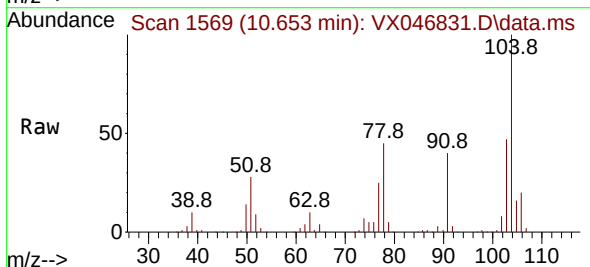
Manual Integrations
APPROVED

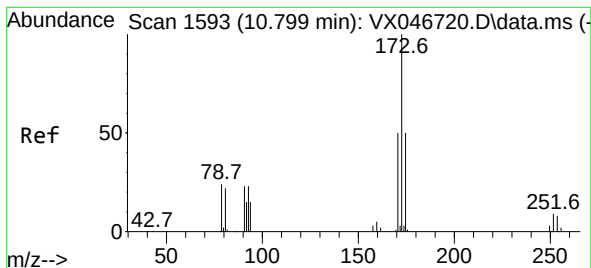
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#70
Styrene
Concen: 18.782 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion:104 Resp: 102987
Ion Ratio Lower Upper
104 100
78 50.2 41.4 62.2
103 53.4 43.1 64.7





#71

Bromoform

Concen: 18.039 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

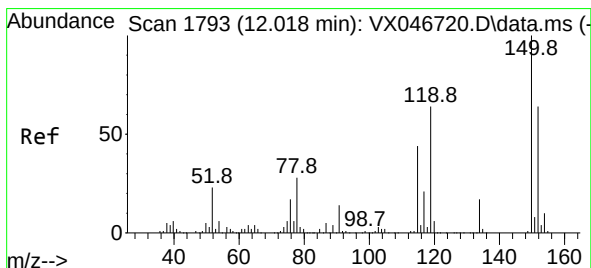
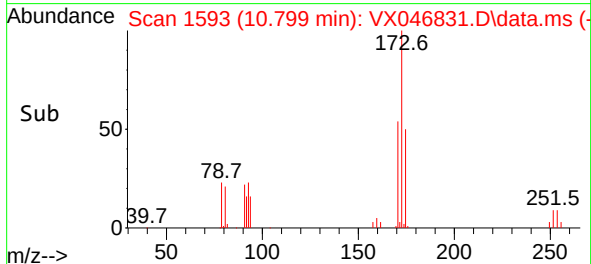
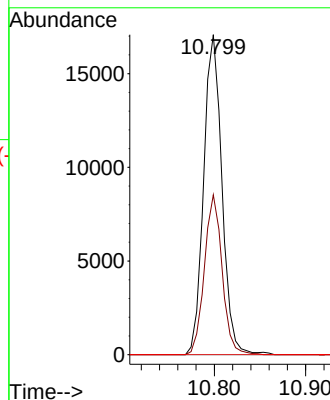
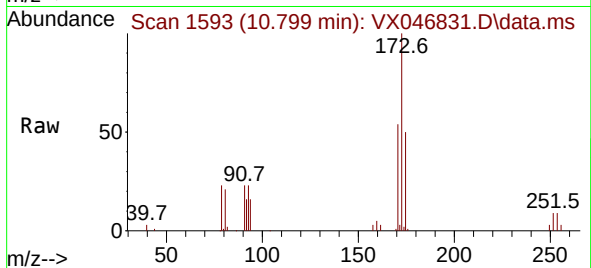
Tgt Ion:173	Resp:	23710
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

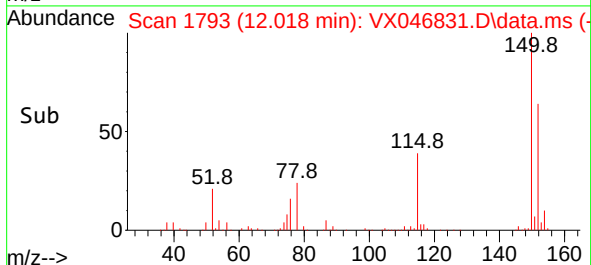
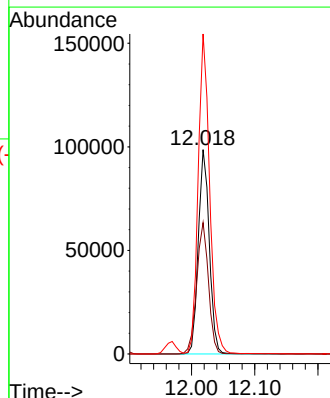
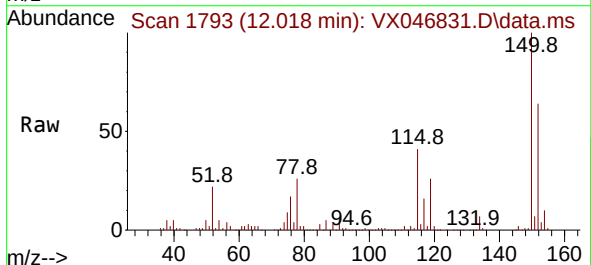
RT: 12.018 min Scan# 1793

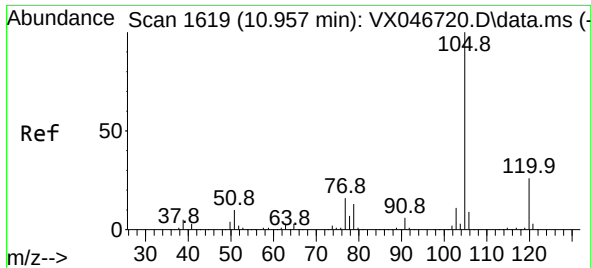
Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Tgt Ion:152	Resp:	119500
Ion Ratio	Lower	Upper
152	100	
115	69.0	43.2 129.6
150	163.0	0.0 346.8





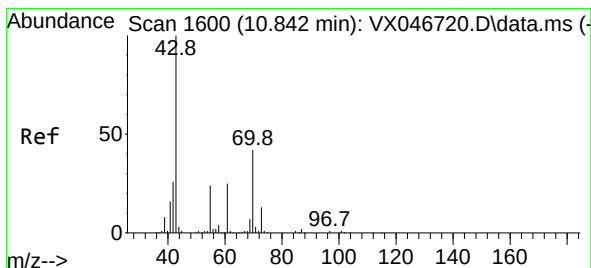
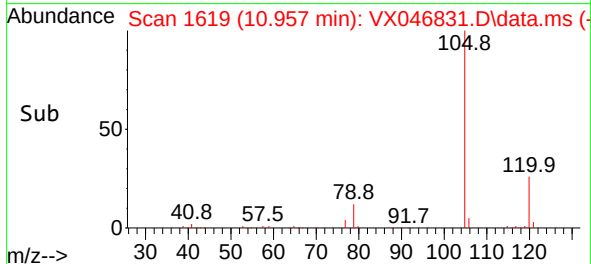
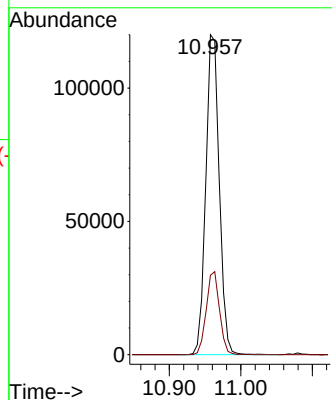
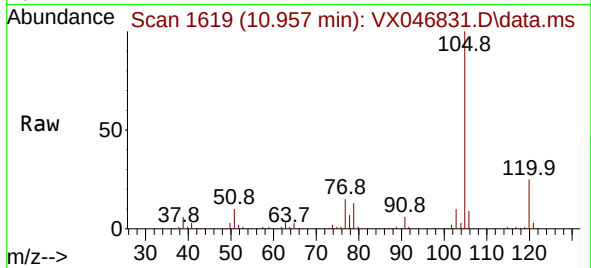
#73
Isopropylbenzene
Concen: 17.872 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion:105 Resp: 157290
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

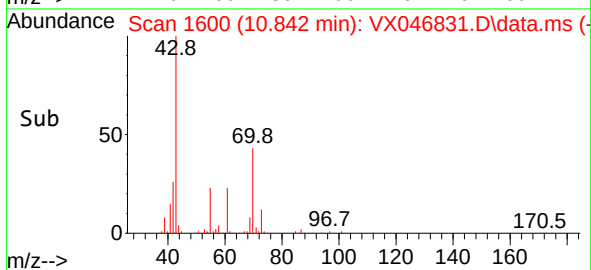
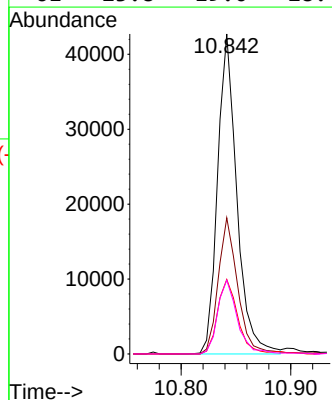
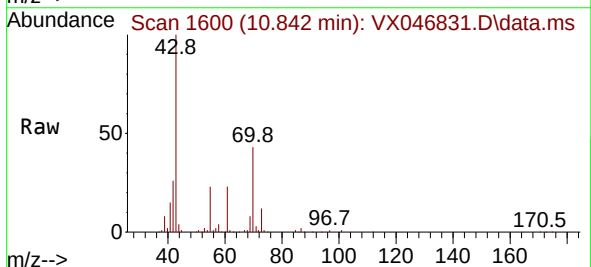
Manual Integrations
APPROVED

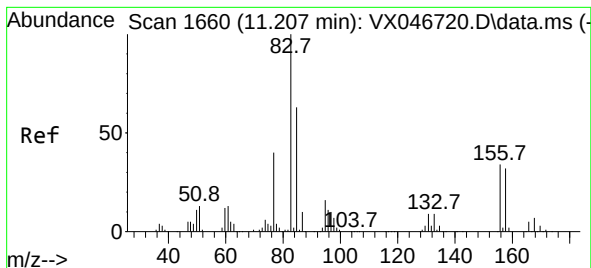
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#74
N-ethyl acetate
Concen: 15.670 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 43 Resp: 52253
Ion Ratio Lower Upper
43 100
70 43.4 33.4 50.0
55 24.8 19.1 28.7
61 23.8 19.0 28.4





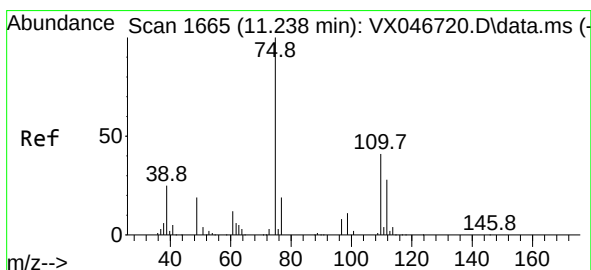
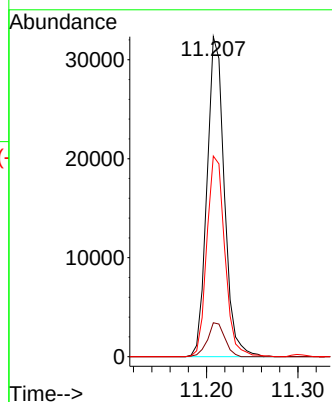
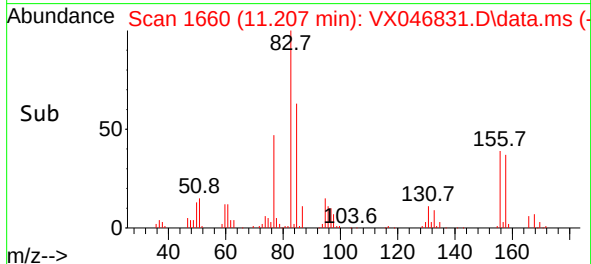
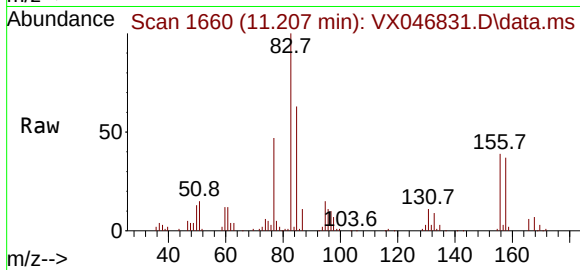
#75
1,1,2,2-Tetrachloroethane
Concen: 17.287 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tgt Ion: 83 Resp: 4248
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.6
85 65.0 32.0 96.0

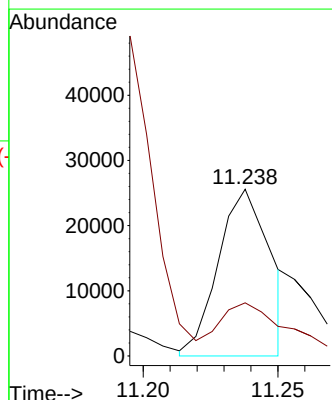
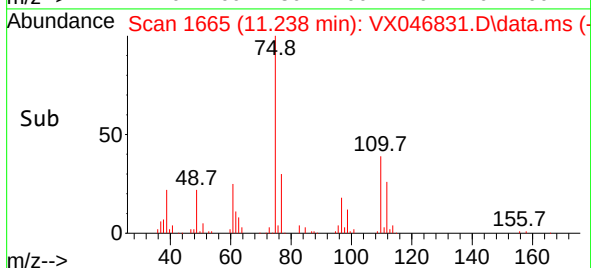
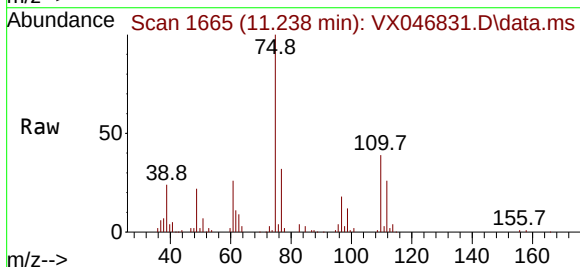
Manual Integrations
APPROVED

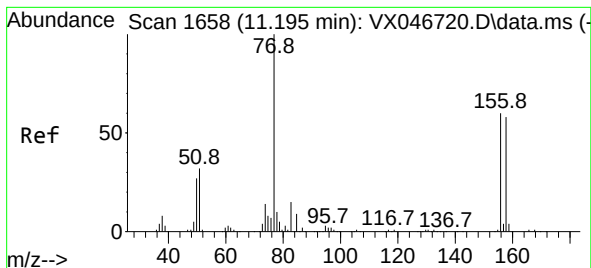
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#76
1,2,3-Trichloropropane
Concen: 15.569 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

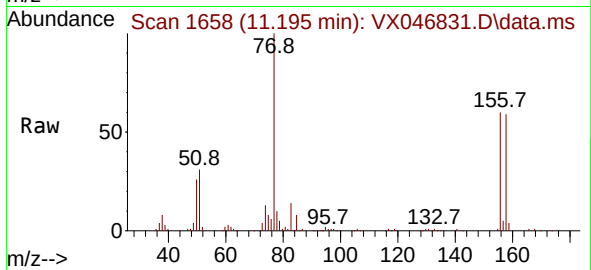
Tgt Ion: 75 Resp: 34076
Ion Ratio Lower Upper
75 100
77 42.7 18.5 55.5





#77
Bromobenzene
Concen: 18.162 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

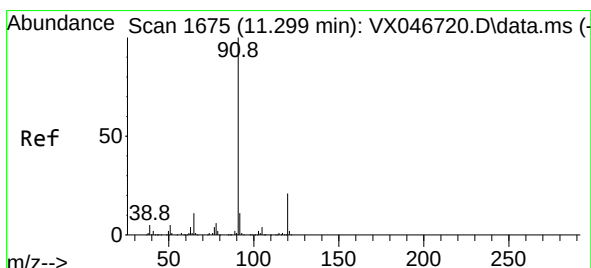
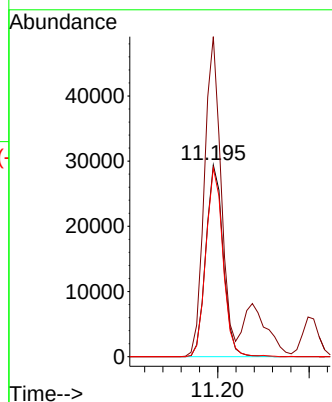
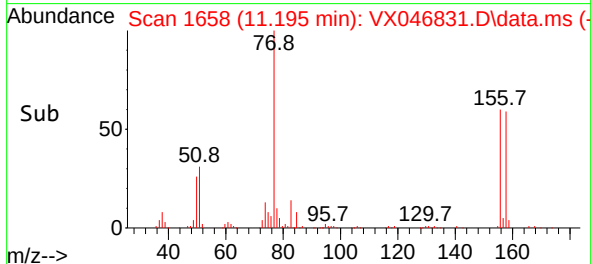
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



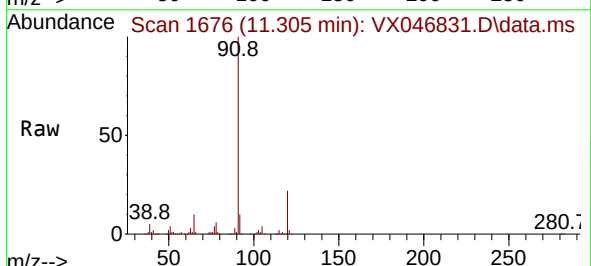
Tgt Ion:156 Resp: 3846
Ion Ratio Lower Upper
156 100
77 161.6 82.8 248.6
158 97.7 47.6 142.9

Manual Integrations
APPROVED

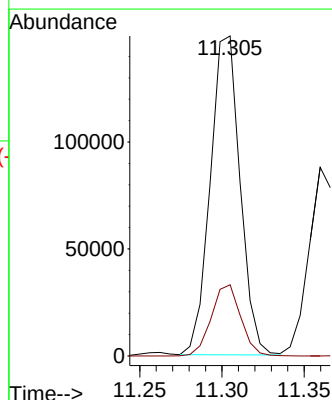
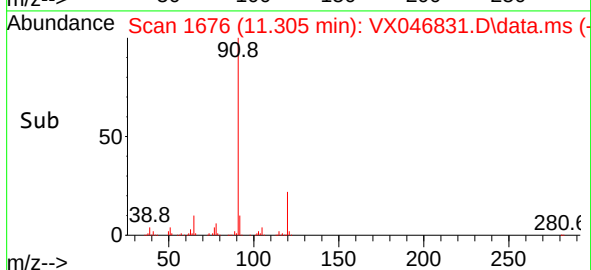
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

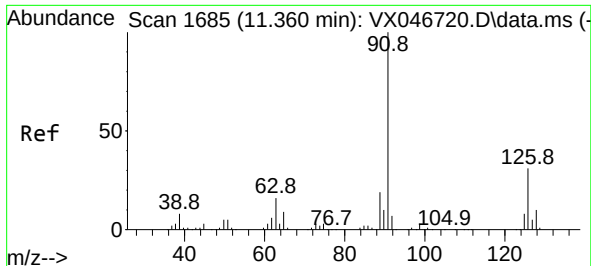


#78
n-propylbenzene
Concen: 18.022 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21



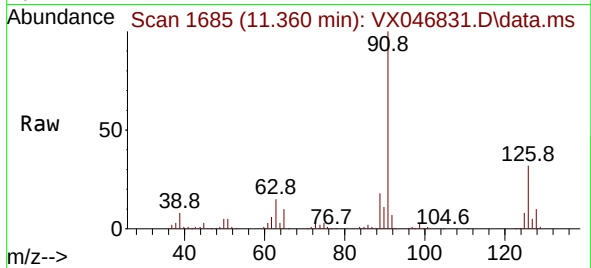
Tgt Ion: 91 Resp: 188395
Ion Ratio Lower Upper
91 100
120 22.0 11.4 34.1





#79
2-Chlorotoluene
Concen: 17.662 ug/l
RT: 11.360 min Scan# 110230
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

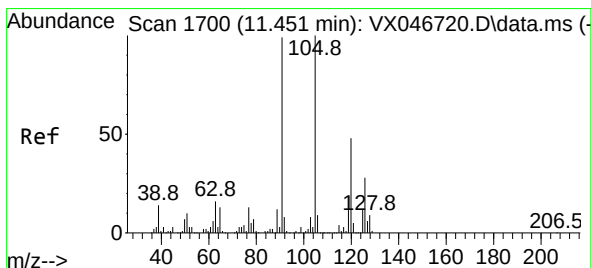
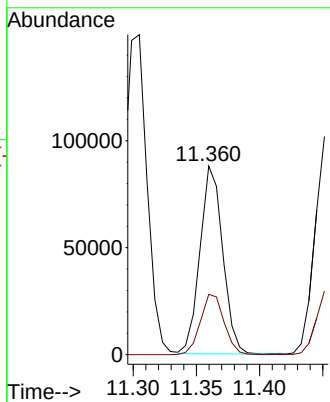
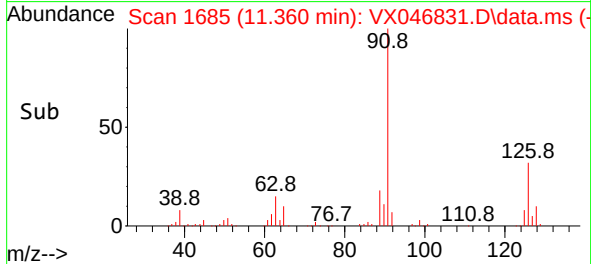
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



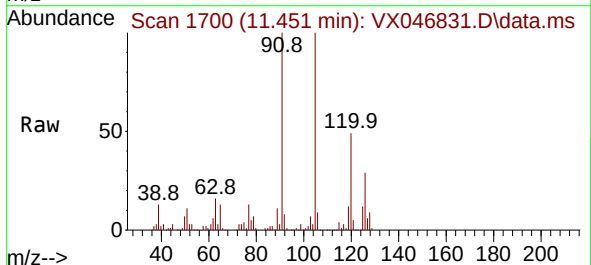
Tgt Ion: 91 Resp: 110230
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7

Manual Integrations
APPROVED

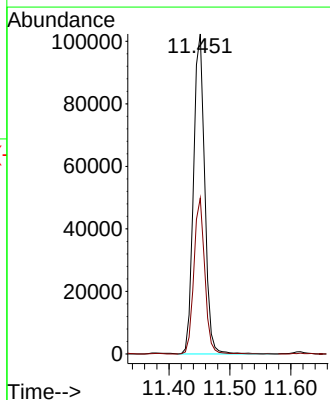
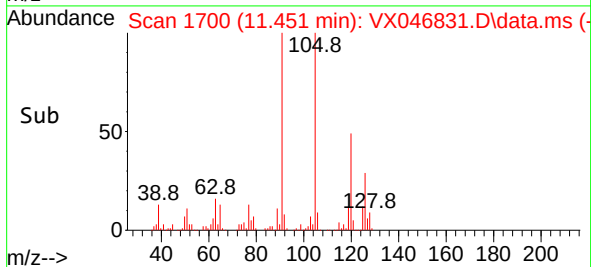
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

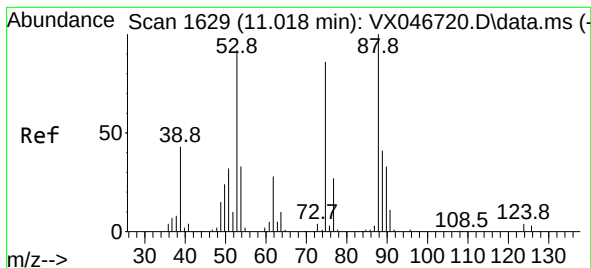


#80
1,3,5-Trimethylbenzene
Concen: 18.052 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21



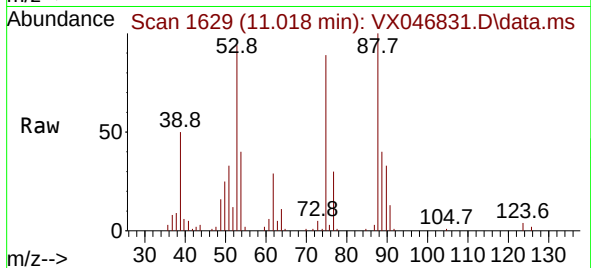
Tgt Ion:105 Resp: 130564
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.824 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

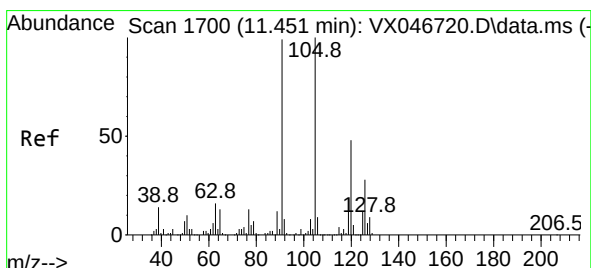
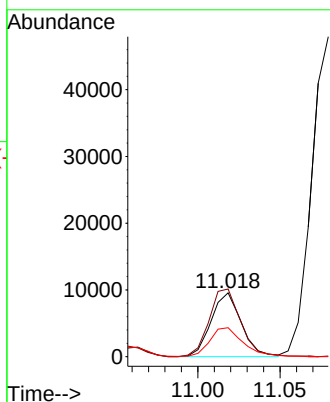
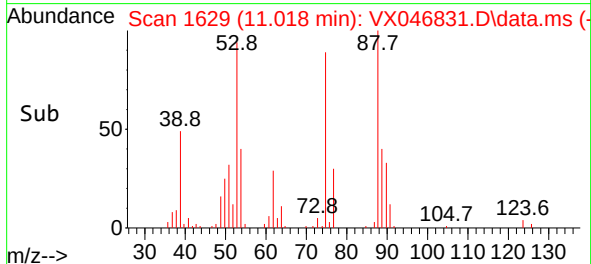
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



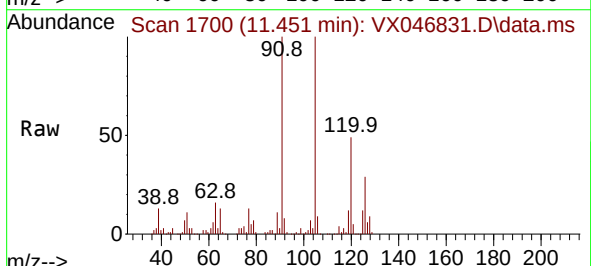
Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
53 110.8 86.8 130.2
89 50.0 36.9 55.3

Manual Integrations
APPROVED

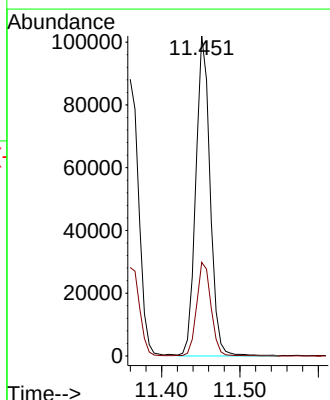
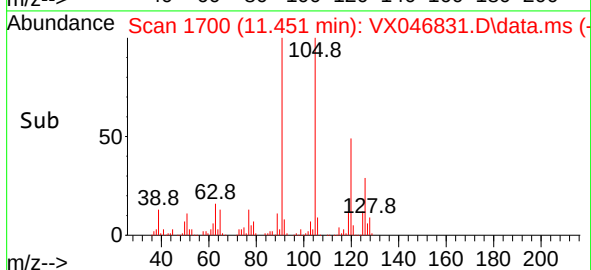
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

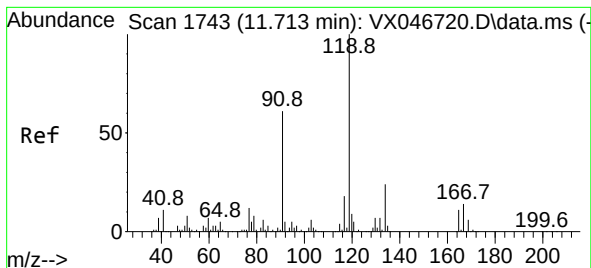


#82
4-Chlorotoluene
Concen: 17.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21



Tgt Ion: 91 Resp: 129884
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2





#83

tert-Butylbenzene

Concen: 17.299 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tgt Ion:119 Resp: 12932

Ion Ratio Lower Upper

119 100

91 58.4 29.5 88.6

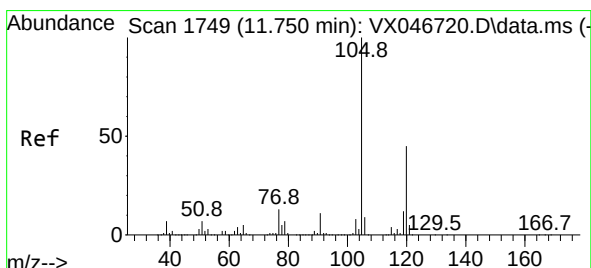
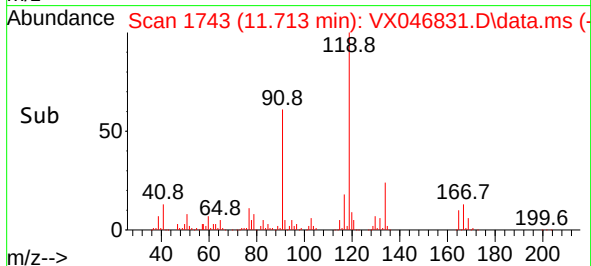
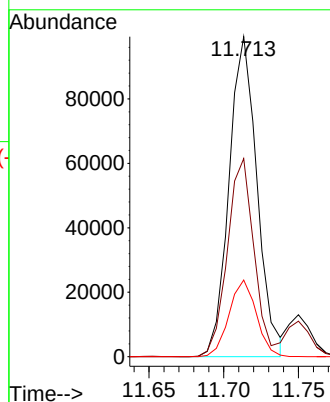
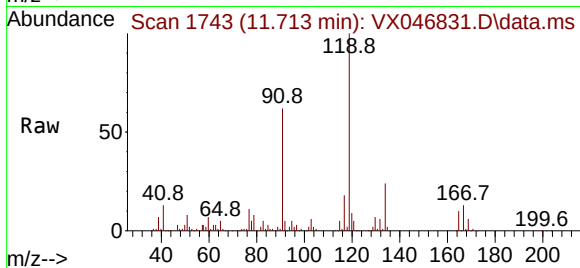
134 23.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#84

1,2,4-Trimethylbenzene

Concen: 17.857 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046831.D

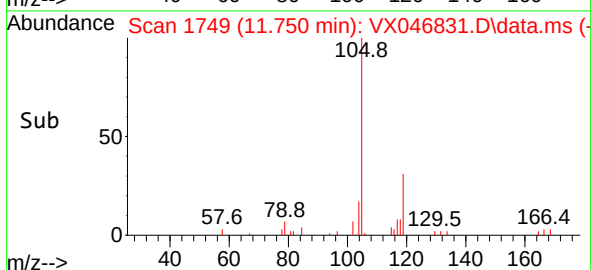
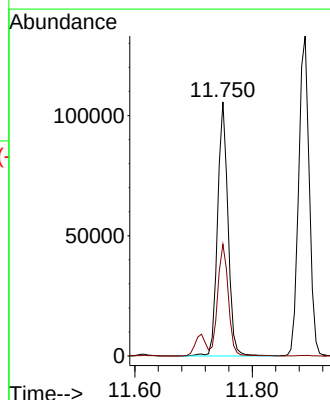
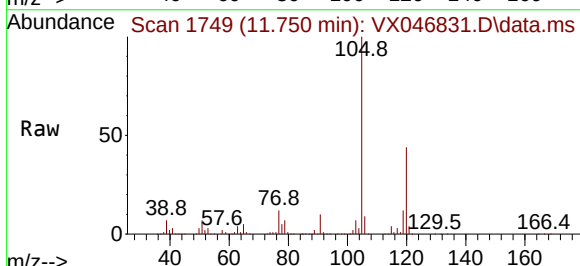
Acq: 30 Jun 2025 10:21

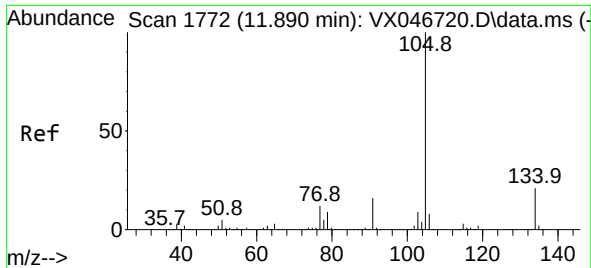
Tgt Ion:105 Resp: 129757

Ion Ratio Lower Upper

105 100

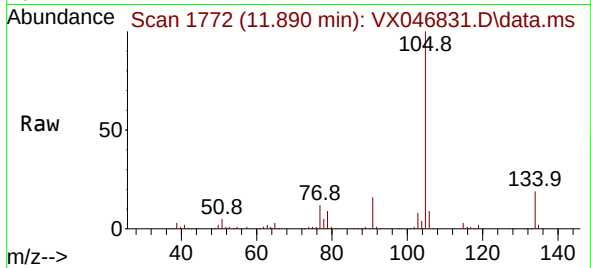
120 44.9 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 17.547 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. -0.000 min
 Lab File: VX046831.D
 Acq: 30 Jun 2025 10:21

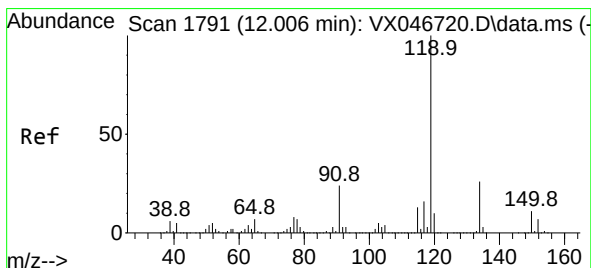
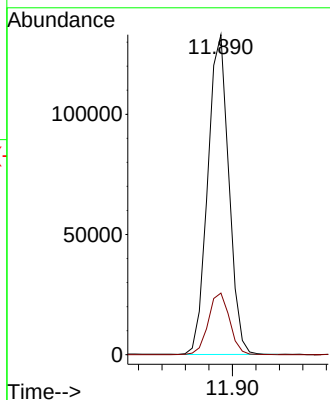
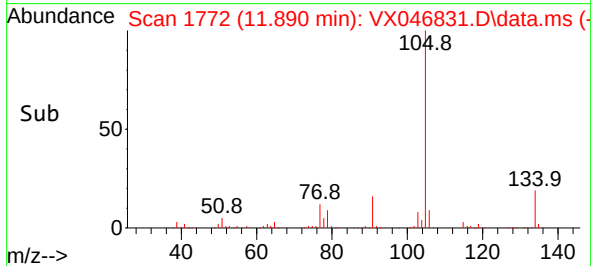
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01



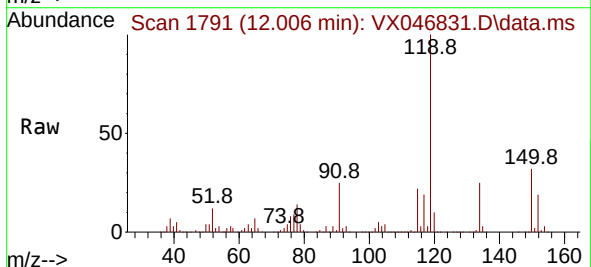
Tgt Ion:105 Resp: 16578
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

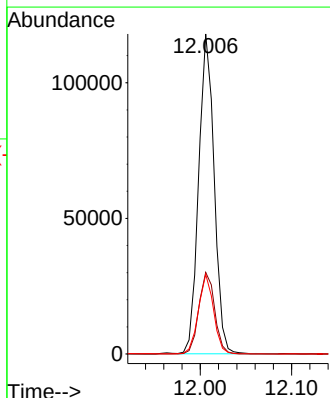
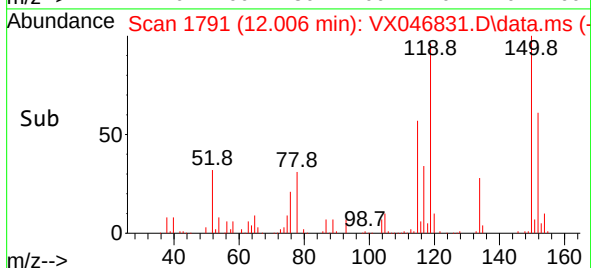
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

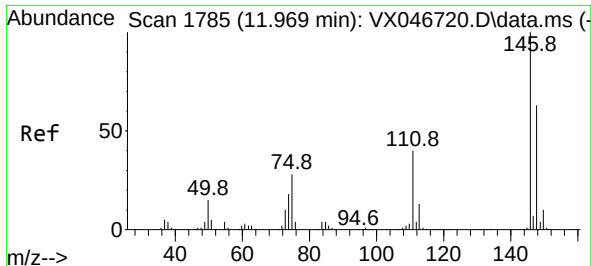


#86
 p-Isopropyltoluene
 Concen: 17.399 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046831.D
 Acq: 30 Jun 2025 10:21



Tgt Ion:119 Resp: 138704
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 17.560 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

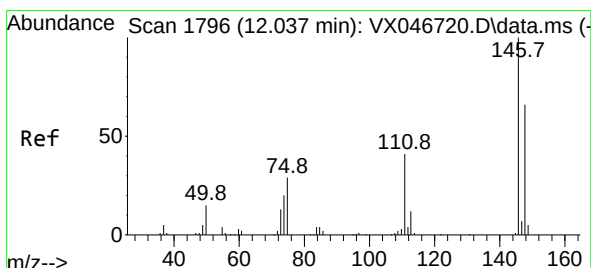
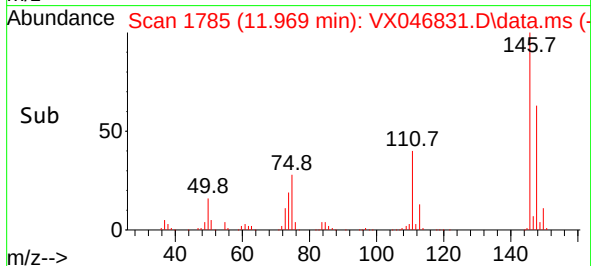
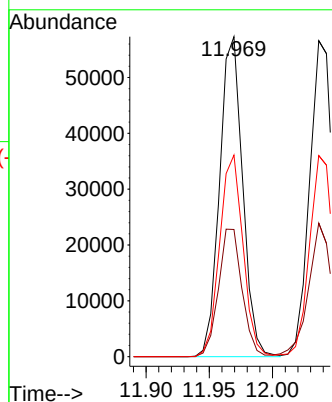
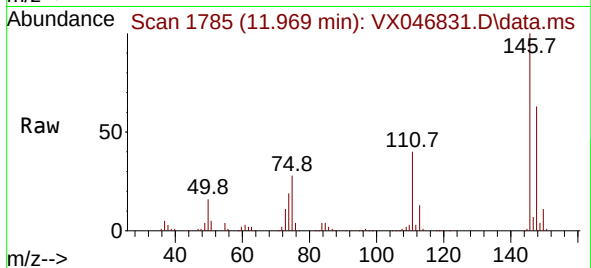
Tgt Ion:146 Resp: 72514
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.9 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#88

1,4-Dichlorobenzene

Concen: 17.471 ug/l

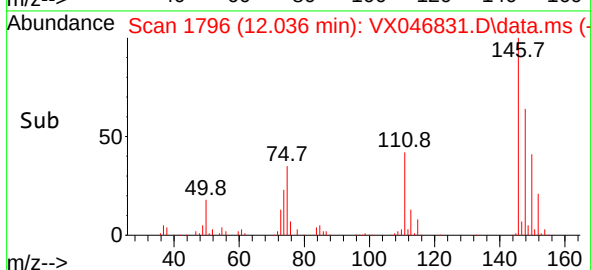
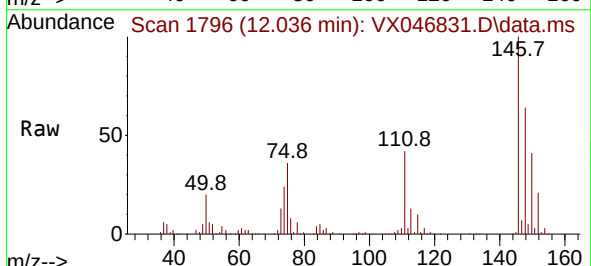
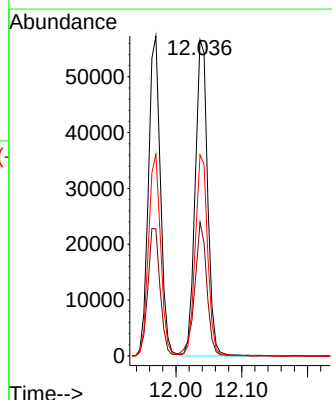
RT: 12.036 min Scan# 1796

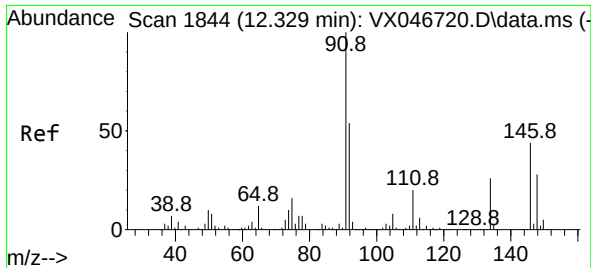
Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

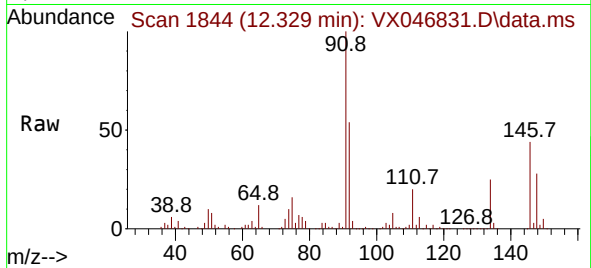
Tgt Ion:146 Resp: 74104
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 63.9 32.1 96.5





#89
n-Butylbenzene
Concen: 17.237 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

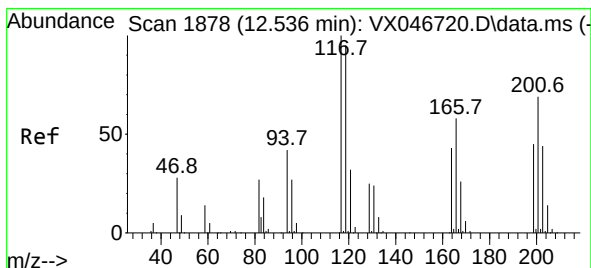
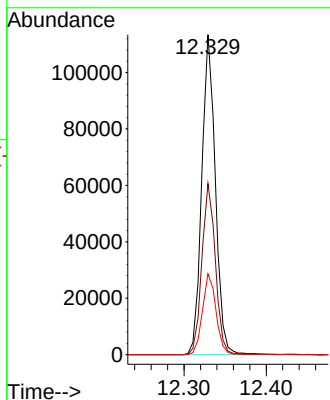
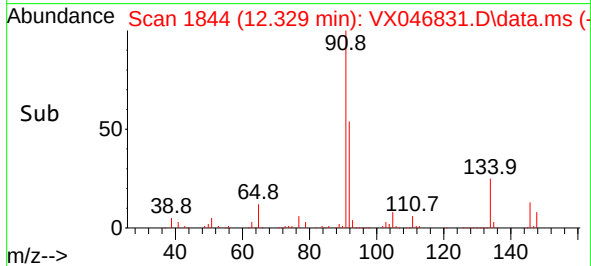
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion: 91 Resp: 130469
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 25.1 12.9 38.6

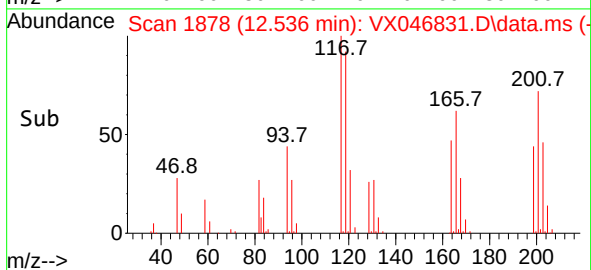
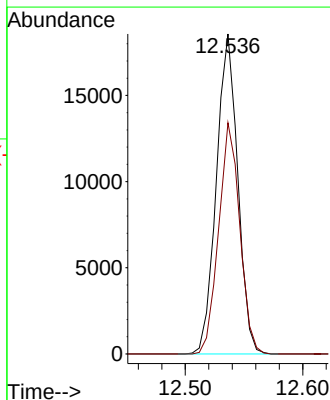
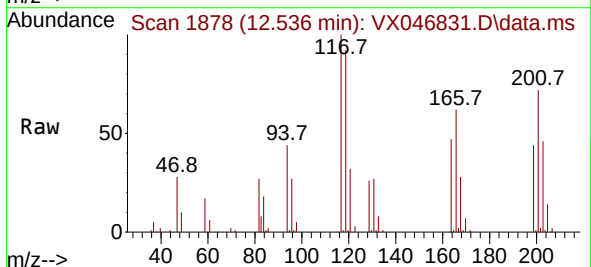
Manual Integrations
APPROVED

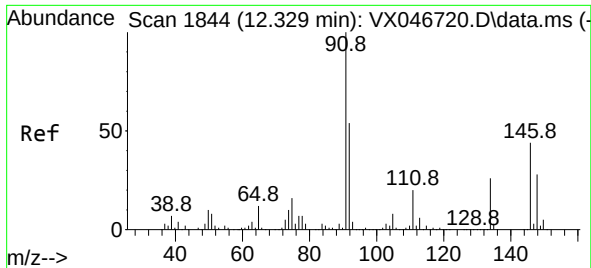
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#90
Hexachloroethane
Concen: 16.826 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

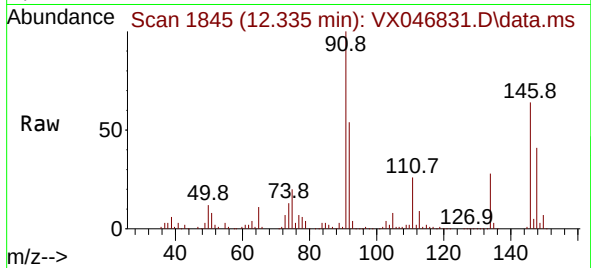
Tgt Ion:117 Resp: 23489
Ion Ratio Lower Upper
117 100
201 71.4 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 17.973 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

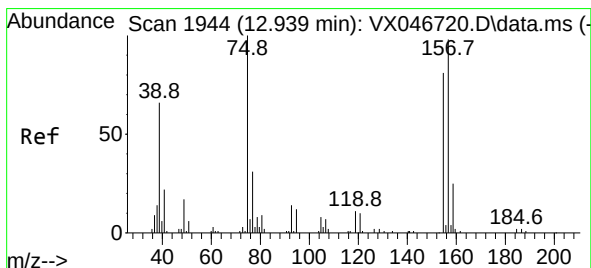
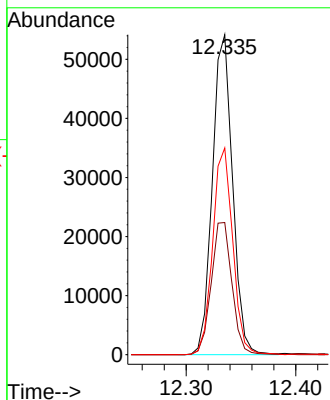
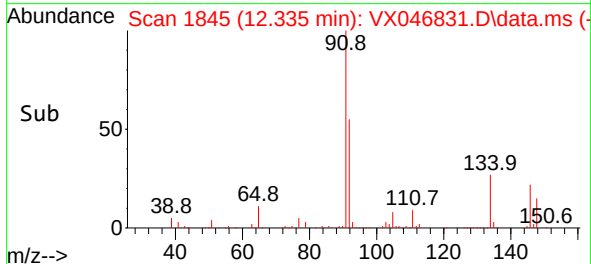
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01



Tgt Ion:146 Resp: 69360
Ion Ratio Lower Upper
146 100
111 42.5 21.7 65.1
148 64.2 32.0 96.2

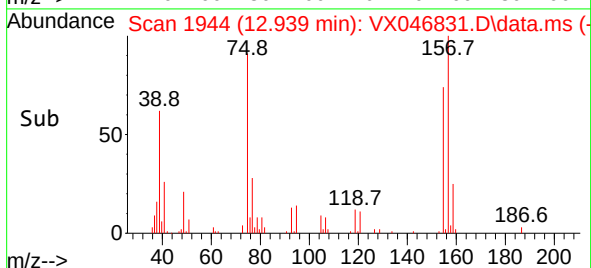
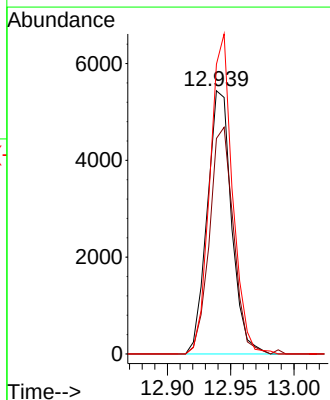
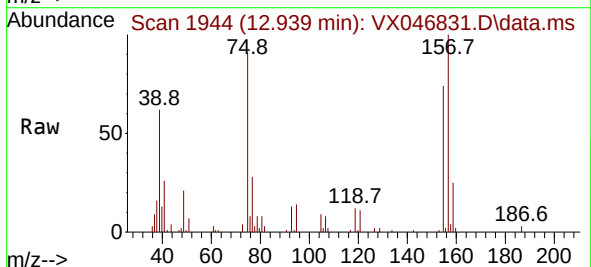
Manual Integrations
APPROVED

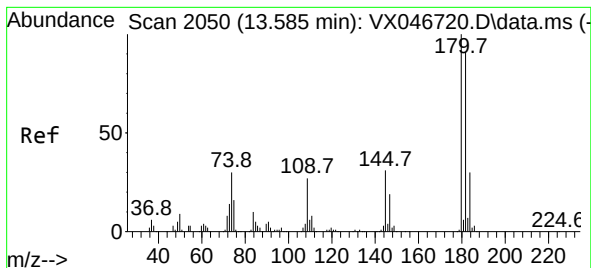
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.991 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046831.D
Acq: 30 Jun 2025 10:21

Tgt Ion: 75 Resp: 7273
Ion Ratio Lower Upper
75 100
155 84.9 41.9 125.7
157 113.0 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 16.976 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tgt Ion:180 Resp: 4657

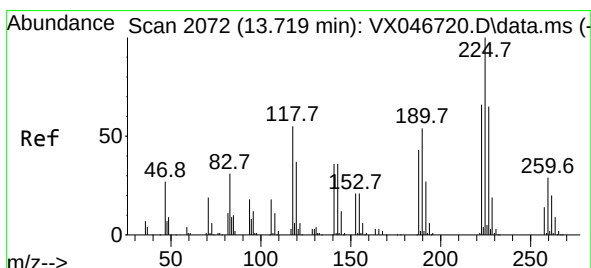
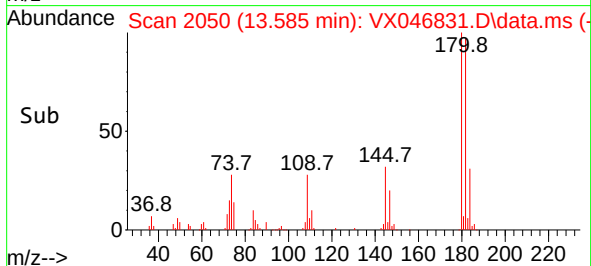
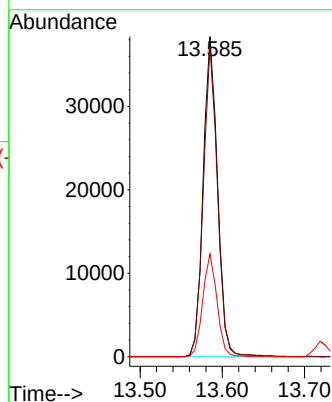
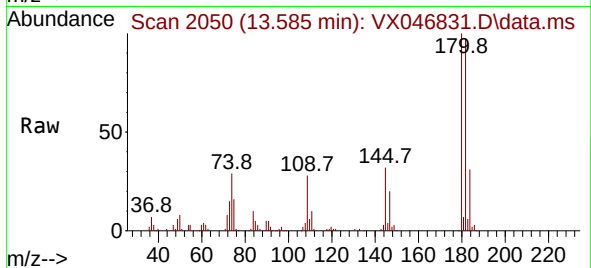
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.7	140.1
145	31.7	15.8	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#94

Hexachlorobutadiene

Concen: 15.997 ug/l

RT: 13.719 min Scan# 2072

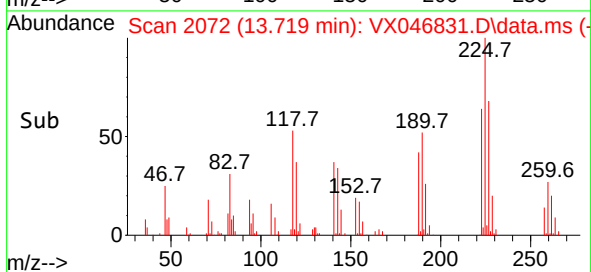
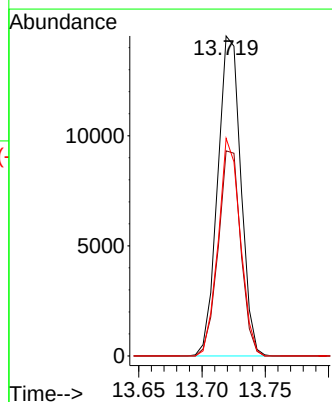
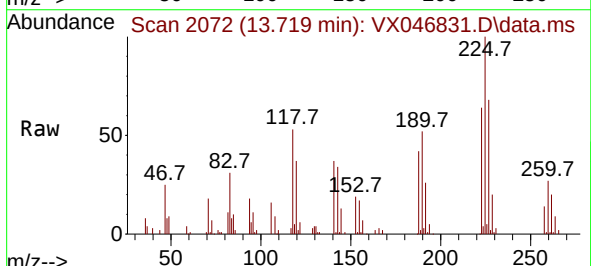
Delta R.T. -0.000 min

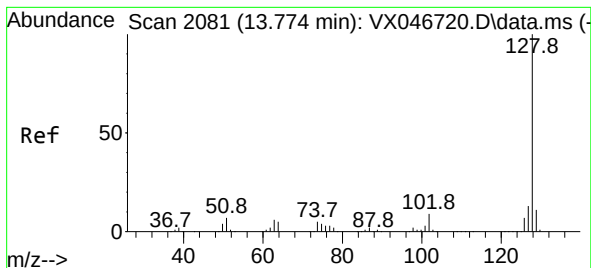
Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Tgt Ion:225 Resp: 18462

Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.5	97.5
227	64.6	32.2	96.6





#95

Naphthalene

Concen: 16.365 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

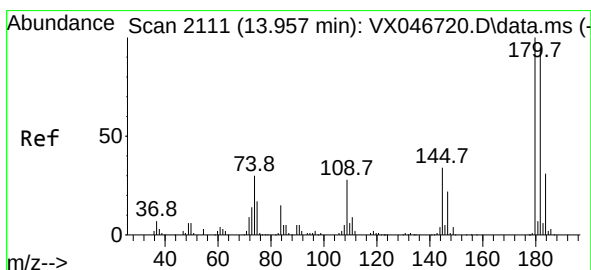
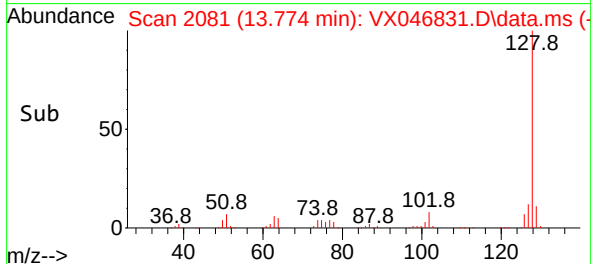
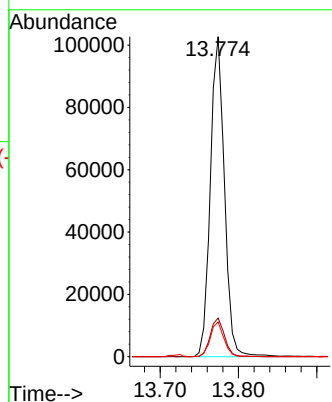
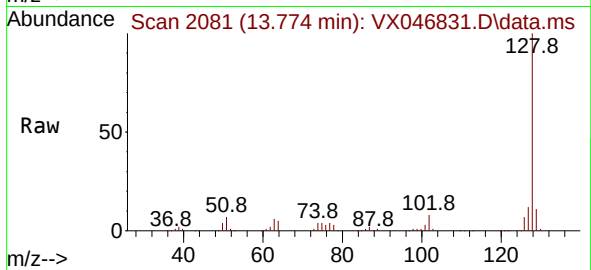
Tgt Ion:	128	Resp:	12791
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.1	15.1
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.145 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046831.D

Acq: 30 Jun 2025 10:21

Tgt Ion:	180	Resp:	45001
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.4
145	33.3	17.3	51.9

