

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046828.D
 Acq On : 30 Jun 2025 09:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 05:15:08 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	161930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	226365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92866	41.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.920%		
35) Dibromofluoromethane	5.391	113	79996	46.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	274970	44.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.760%		
62) 4-Bromofluorobenzene	11.079	95	100695	43.601	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	86884	50.256	ug/l	99
3) Chloromethane	1.307	50	90424	48.458	ug/l	96
4) Vinyl Chloride	1.386	62	99105	49.804	ug/l	96
5) Bromomethane	1.624	94	69852	62.393	ug/l	96
6) Chloroethane	1.703	64	62141	51.524	ug/l	98
7) Trichlorofluoromethane	1.904	101	149702	49.547	ug/l	100
8) Diethyl Ether	2.142	74	52102	50.247	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	94361	50.907	ug/l	99
10) Methyl Iodide	2.465	142	79844	35.763	ug/l	98
11) Tert butyl alcohol	2.947	59	34611	172.167	ug/l	98
12) 1,1-Dichloroethene	2.331	96	90592	50.650	ug/l	96
13) Acrolein	2.245	56	75415	257.549	ug/l	98
14) Allyl chloride	2.678	41	159593	49.247	ug/l	98
15) Acrylonitrile	3.068	53	198224	219.284	ug/l	99
16) Acetone	2.380	43	162211	217.175	ug/l	100
17) Carbon Disulfide	2.526	76	248010	45.918	ug/l	100
18) Methyl Acetate	2.709	43	85354	44.993	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	254514	45.700	ug/l	99
20) Methylene Chloride	2.800	84	98995	47.659	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	93574	48.894	ug/l	99
22) Diisopropyl ether	3.763	45	315164	50.597	ug/l	96
23) Vinyl Acetate	3.727	43	1162541	234.702	ug/l	99
24) 1,1-Dichloroethane	3.617	63	172543	48.788	ug/l	99
25) 2-Butanone	4.550	43	213611	202.215	ug/l	100
26) 2,2-Dichloropropane	4.483	77	129610	50.248	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	109109	48.527	ug/l	99
28) Bromochloromethane	4.904	49	73125	45.608	ug/l	98
29) Tetrahydrofuran	5.007	42	140712	206.229	ug/l	99
30) Chloroform	5.099	83	173085	48.938	ug/l	97
31) Cyclohexane	5.477	56	154085	45.943	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	144627	46.626	ug/l	99
36) 1,1-Dichloropropene	5.696	75	119091	47.841	ug/l	98
37) Ethyl Acetate	4.715	43	92990	40.470	ug/l	98
38) Carbon Tetrachloride	5.678	117	130471	48.296	ug/l	99
39) Methylcyclohexane	7.379	83	152453	46.540	ug/l	98
40) Benzene	6.037	78	359743	48.831	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55960	45.683	ug/l	98
42) 1,2-Dichloroethane	6.086	62	121223	46.826	ug/l	99
43) Isopropyl Acetate	6.336	43	155767	43.322	ug/l	99
44) Trichloroethene	7.123	130	91710	48.848	ug/l	95
45) 1,2-Dichloropropane	7.427	63	88692	48.578	ug/l	92
46) Dibromomethane	7.580	93	61633	46.971	ug/l	98
47) Bromodichloromethane	7.818	83	133468	49.844	ug/l	99
48) Methyl methacrylate	7.690	41	81995	45.471	ug/l	98
49) 1,4-Dioxane	7.653	88	19061	734.338	ug/l	94
51) 4-Methyl-2-Pentanone	8.567	43	449233	209.487	ug/l	100
52) Toluene	8.714	92	221165	48.426	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	122780	49.419	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	139540	49.475	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	80325	47.196	ug/l	96
56) Ethyl methacrylate	9.110	69	115337	45.907	ug/l	98
57) 1,3-Dichloropropane	9.305	76	137189	46.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	308703	236.538	ug/l	100
59) 2-Hexanone	9.427	43	299006	201.685	ug/l	100
60) Dibromochloromethane	9.519	129	97880	48.800	ug/l	100
61) 1,2-Dibromoethane	9.604	107	81496	47.074	ug/l	100
64) Tetrachloroethene	9.269	164	75302	48.015	ug/l	97
65) Chlorobenzene	10.073	112	241295	48.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	82386	49.058	ug/l	98
67) Ethyl Benzene	10.189	91	419516	48.050	ug/l	99
68) m/p-Xylenes	10.299	106	317089	97.470	ug/l	100
69) o-Xylene	10.640	106	151428	49.668	ug/l	97
70) Styrene	10.652	104	264924	49.653	ug/l	99
71) Bromoform	10.799	173	60743	47.494	ug/l #	99
73) Isopropylbenzene	10.957	105	401277	49.320	ug/l	100
74) N-amyl acetate	10.841	43	134649	43.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103538	45.575	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	86063m	42.536	ug/l	
77) Bromobenzene	11.195	156	96598	49.338	ug/l	99
78) n-propylbenzene	11.299	91	477665	49.428	ug/l	100
79) 2-Chlorotoluene	11.360	91	277009	48.010	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	326340	48.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32212	45.001	ug/l	97
82) 4-Chlorotoluene	11.451	91	324589	48.203	ug/l	99
83) tert-Butylbenzene	11.713	119	333716	48.286	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	323848	48.210	ug/l	99
85) sec-Butylbenzene	11.884	105	416807	47.720	ug/l	99
86) p-Isopropyltoluene	12.006	119	349816	47.467	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	178988	46.886	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	178637	45.557	ug/l	99
89) n-Butylbenzene	12.329	91	327079	46.744	ug/l	100
90) Hexachloroethane	12.536	117	61399	47.577	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	168291	47.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18148	40.463	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	117264	46.235	ug/l	98
94) Hexachlorobutadiene	13.719	225	46432	43.520	ug/l	97
95) Naphthalene	13.774	128	317723	43.971	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	111945	46.136	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

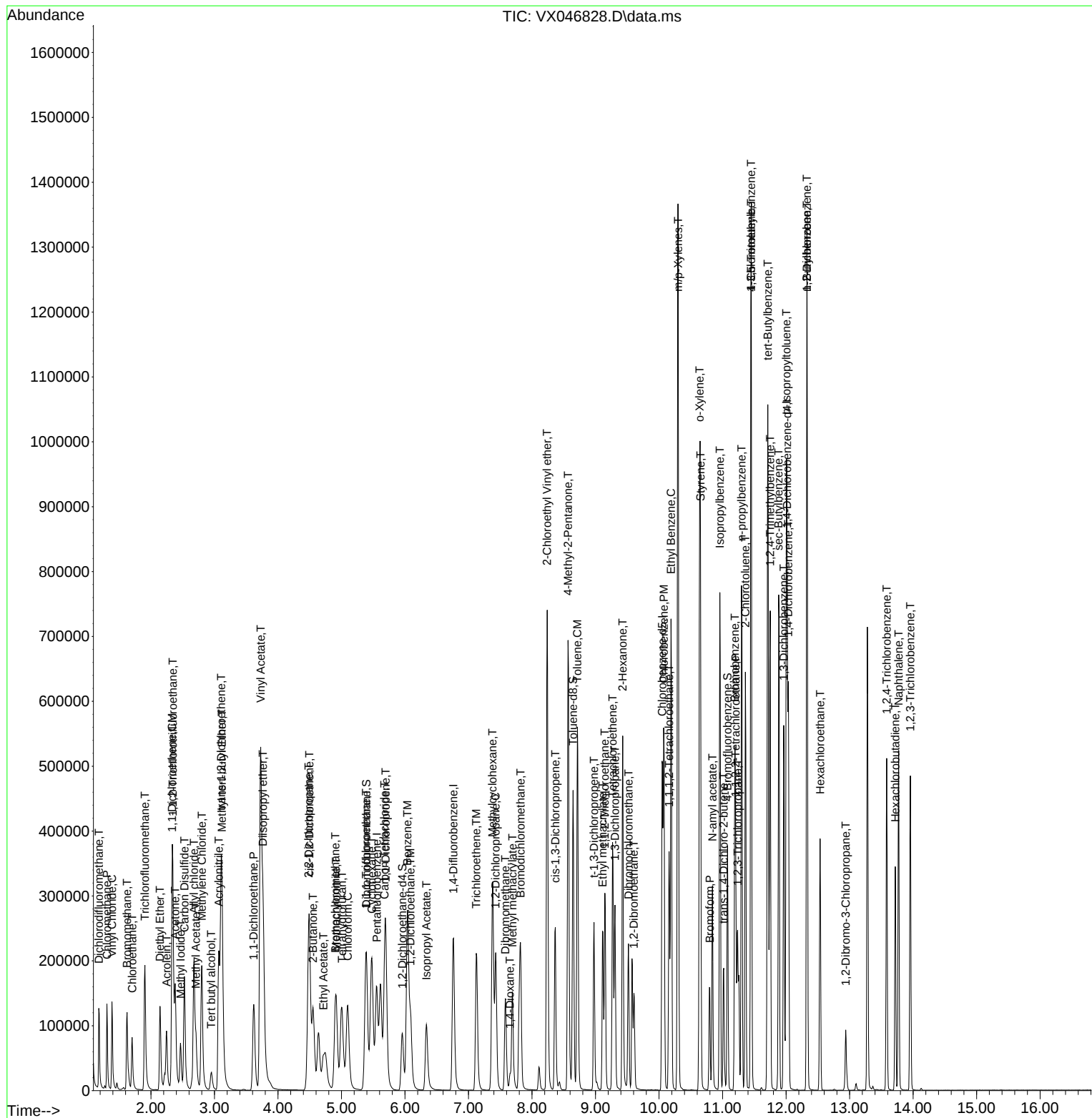
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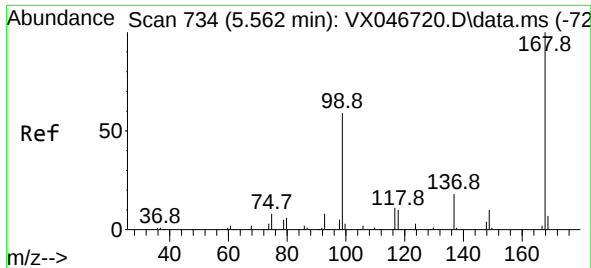
Instrument :
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Manual Integrations
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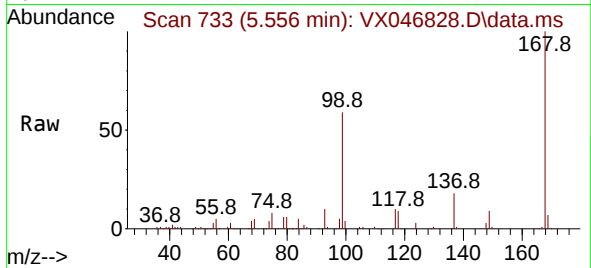
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

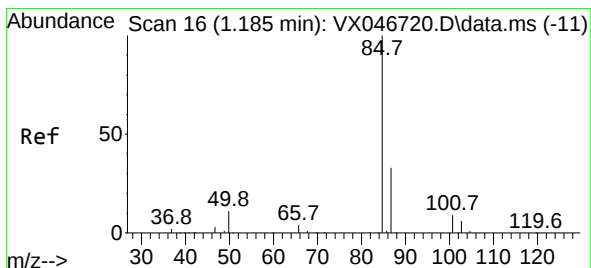
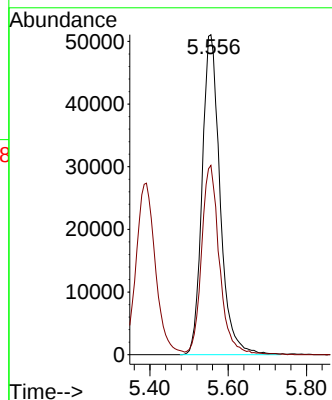
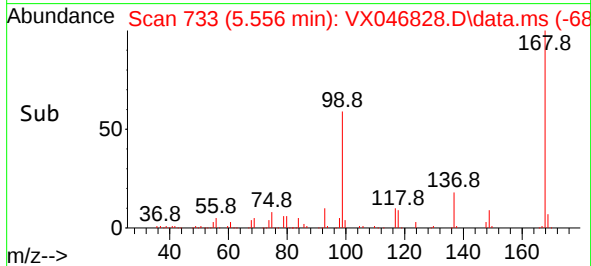
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 161930
Ion Ratio Lower Upper
168 100
99 59.0 48.5 72.7

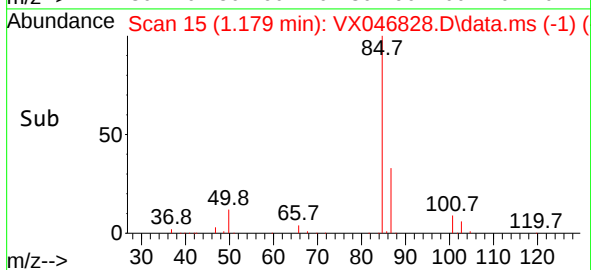
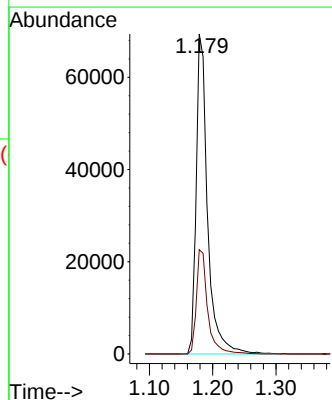
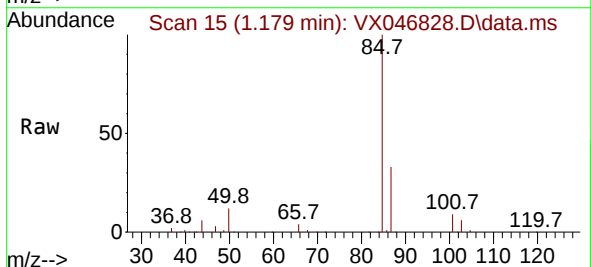
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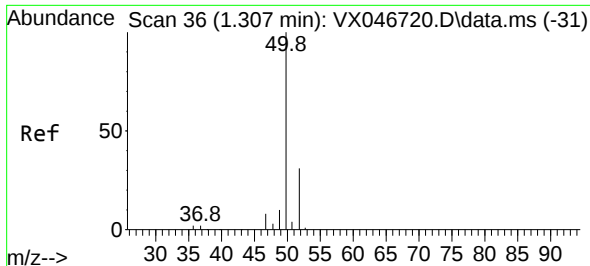
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#2
Dichlorodifluoromethane
Concen: 50.256 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

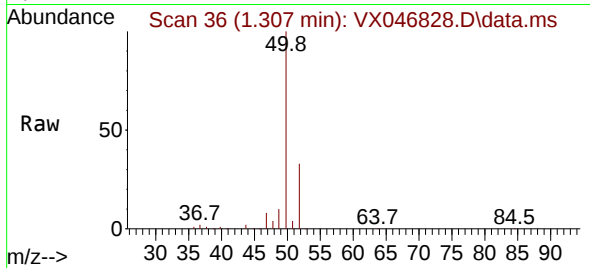
Tgt Ion: 85 Resp: 86884
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8





#3
Chloromethane
Concen: 48.458 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

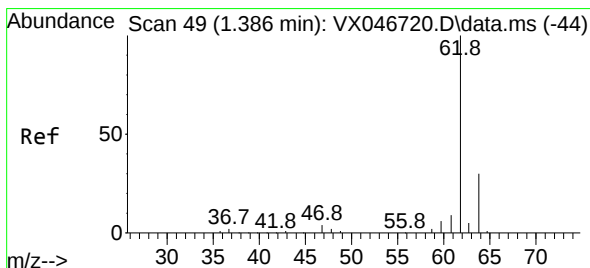
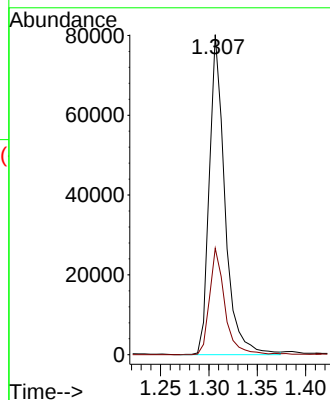
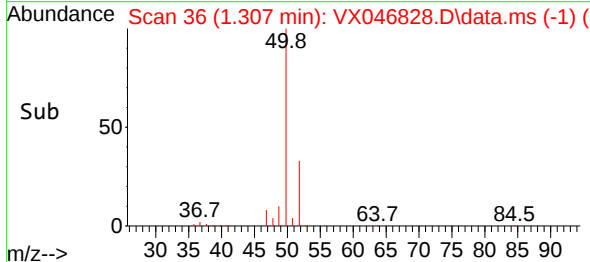
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 90424
Ion Ratio Lower Upper
50 100
52 33.3 24.9 37.3

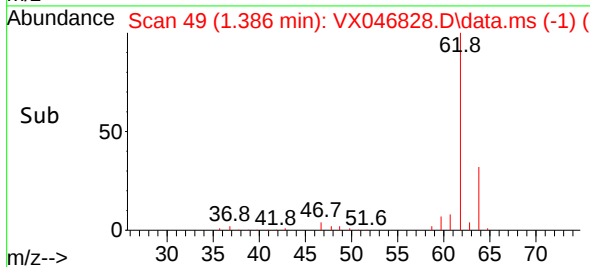
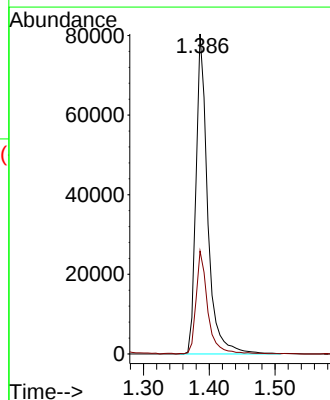
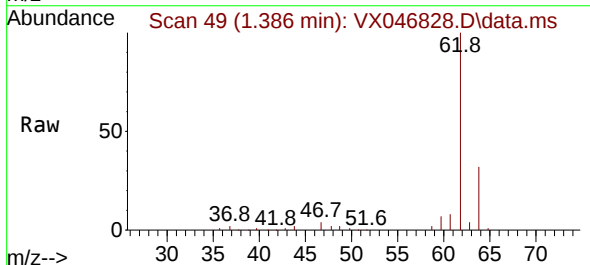
Manual Integrations
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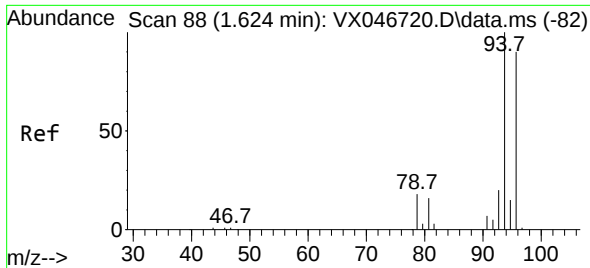
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#4
Vinyl Chloride
Concen: 49.804 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

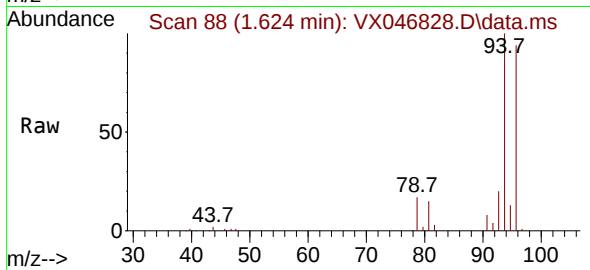
Tgt Ion: 62 Resp: 99105
Ion Ratio Lower Upper
62 100
64 32.1 23.9 35.9





#5
Bromomethane
Concen: 62.393 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046828.D
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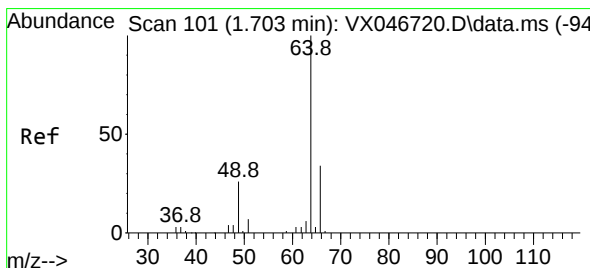
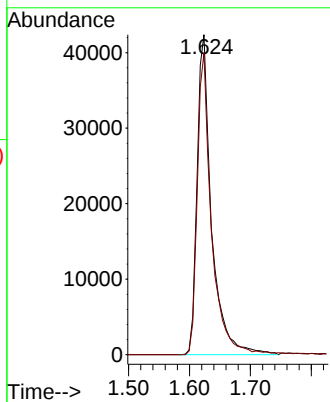
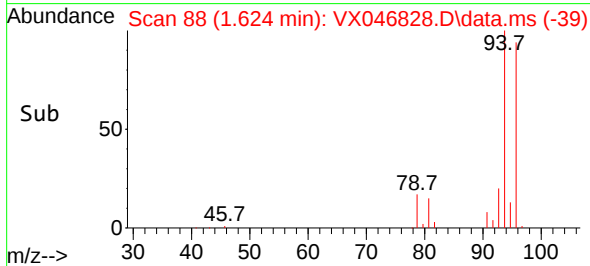
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Tgt Ion: 94 Resp: 69852
Ion Ratio Lower Upper
94 100
96 94.3 72.3 108.5

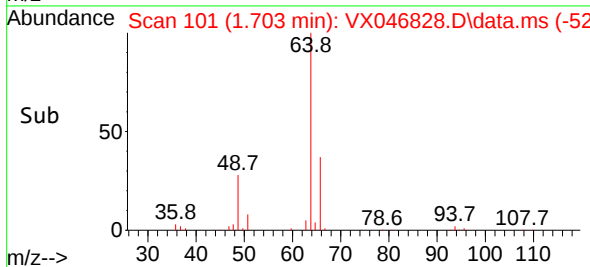
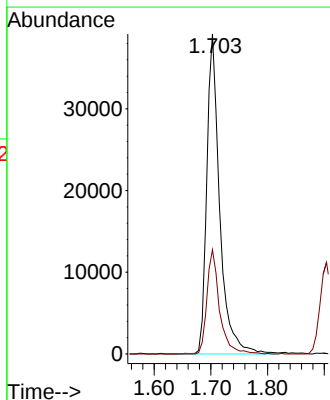
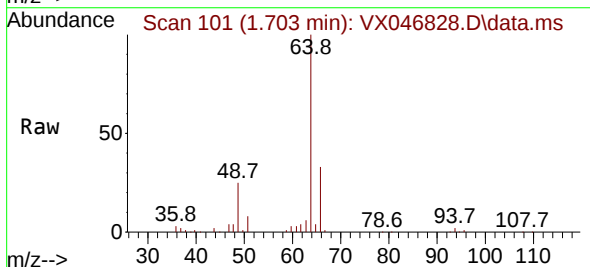
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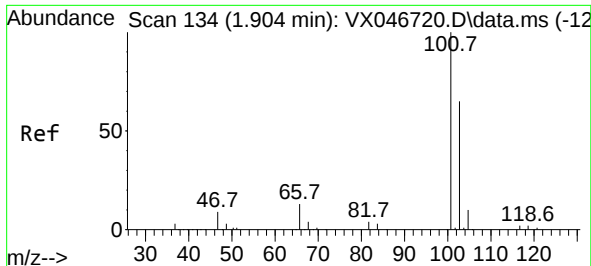
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#6
Chloroethane
Concen: 51.524 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

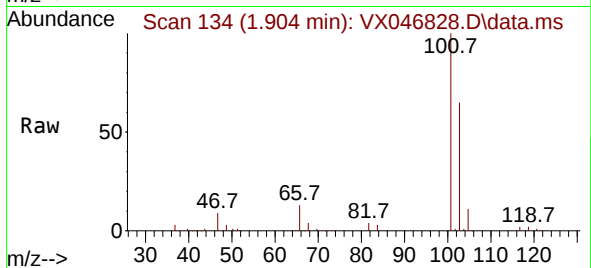
Tgt Ion: 64 Resp: 62141
Ion Ratio Lower Upper
64 100
66 32.5 27.1 40.7





#7
Trichlorofluoromethane
Concen: 49.547 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

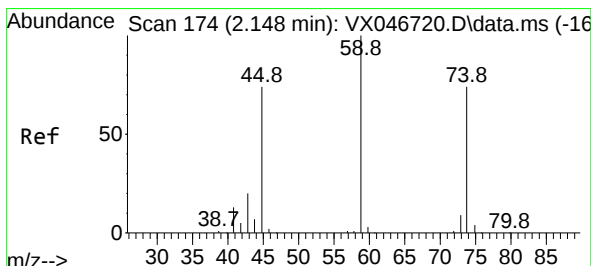
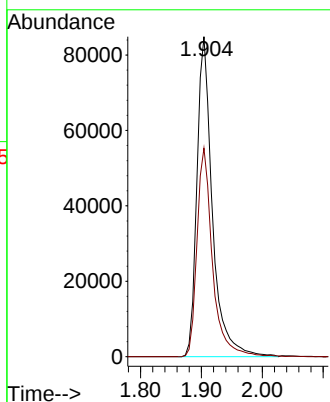
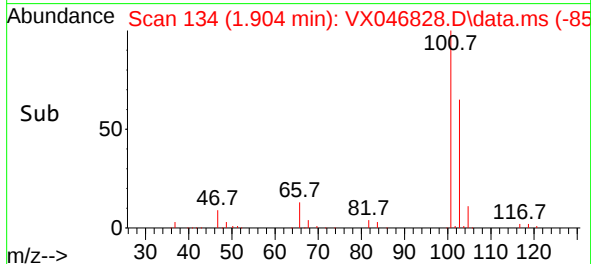
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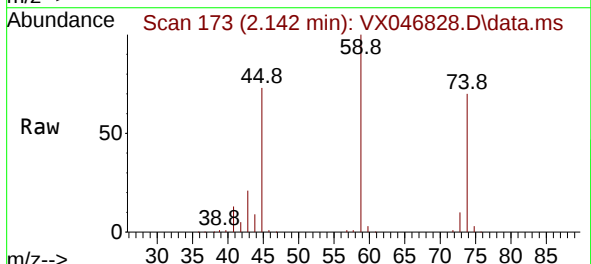
Tgt Ion:101 Resp: 14970
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

Manual Integrations
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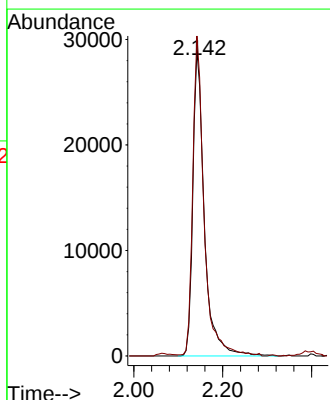
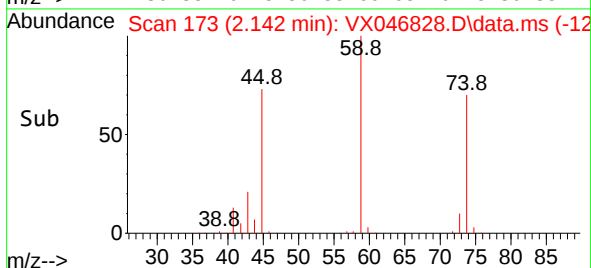
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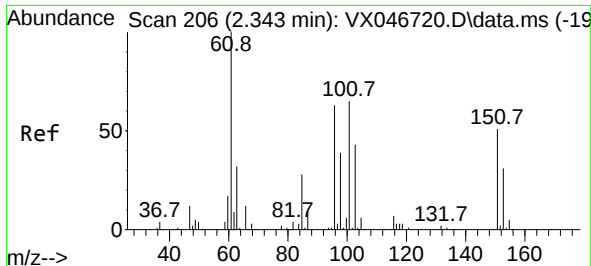


#8
Diethyl Ether
Concen: 50.247 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion: 74 Resp: 52102
Ion Ratio Lower Upper
74 100
45 103.1 52.3 157.1





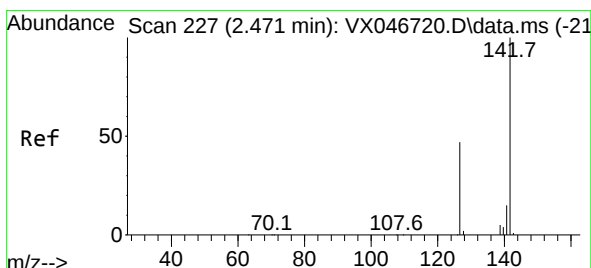
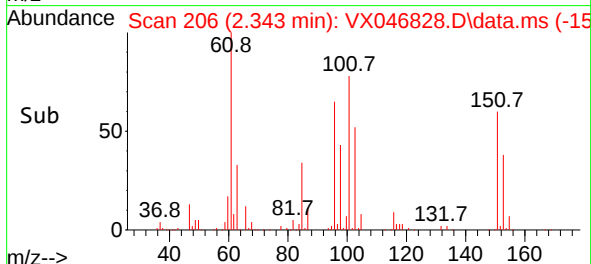
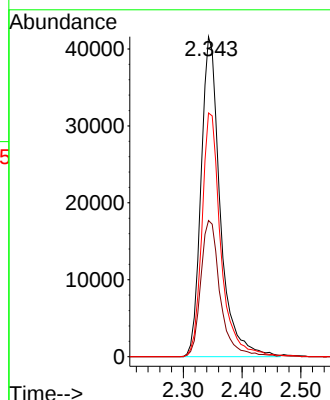
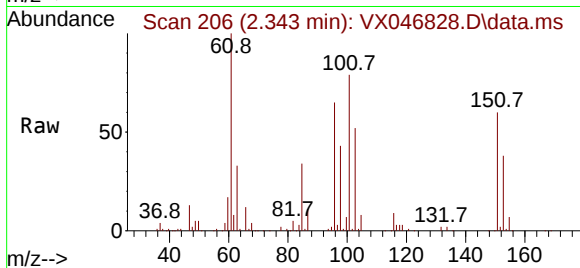
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.907 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9436
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.0
151 75.4 61.2 91.8

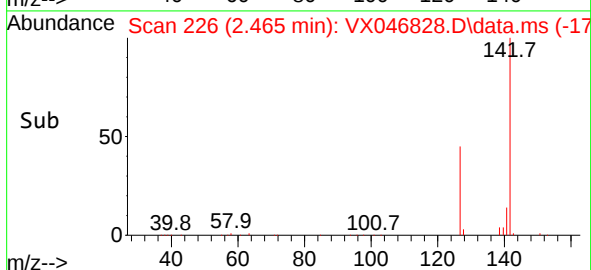
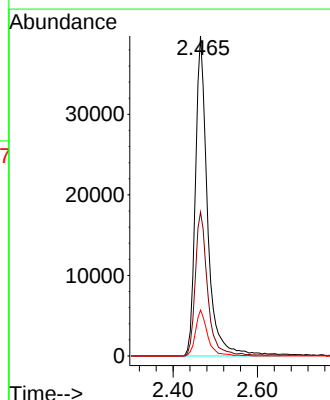
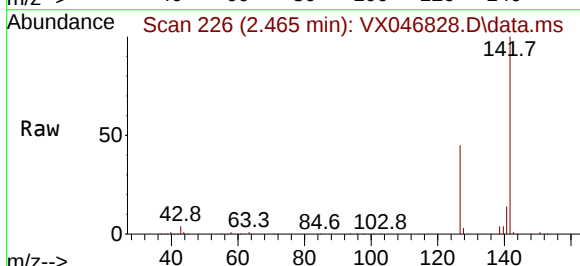
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 35.763 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

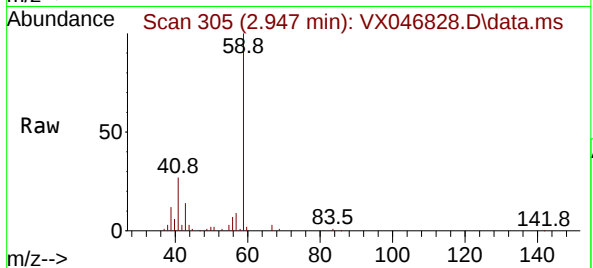
Tgt Ion:142 Resp: 79844
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.6
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 172.167 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

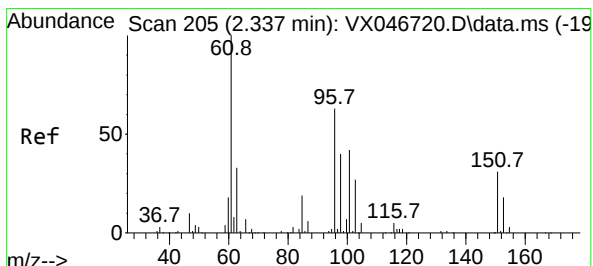
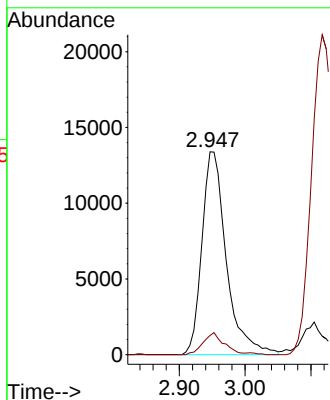
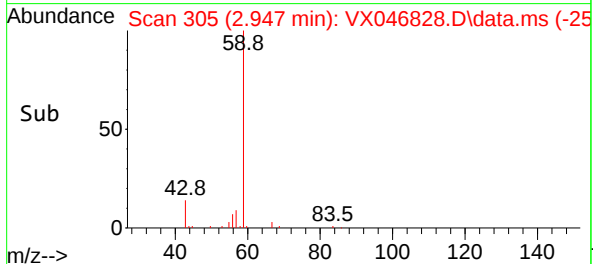
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



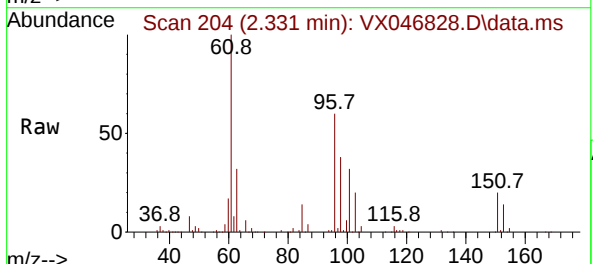
Tgt Ion: 59 Resp: 3461
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
APPROVED

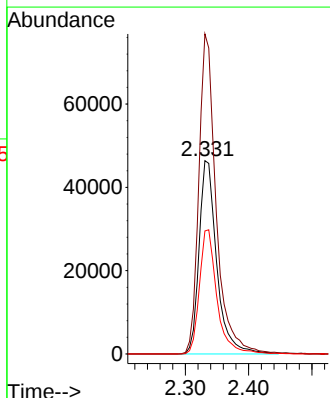
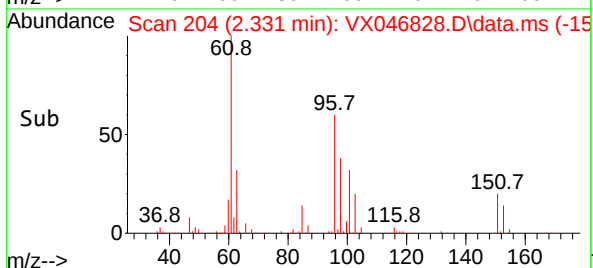
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

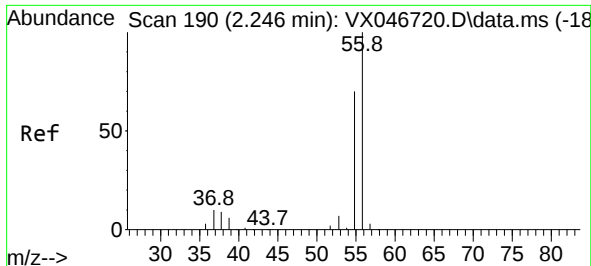


#12
1,1-Dichloroethene
Concen: 50.650 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



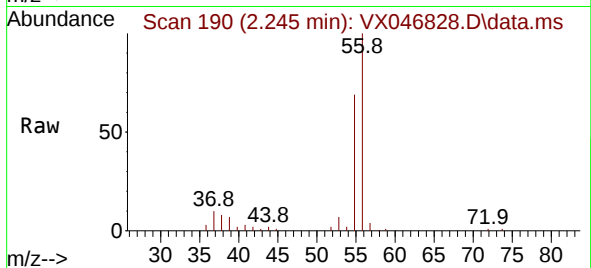
Tgt Ion: 96 Resp: 90592
Ion Ratio Lower Upper
96 100
61 165.6 126.6 189.8
98 63.7 50.7 76.1





#13
Acrolein
Concen: 257.549 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

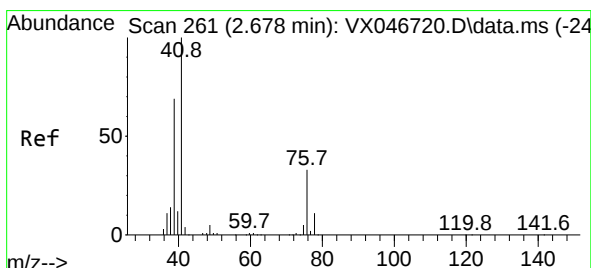
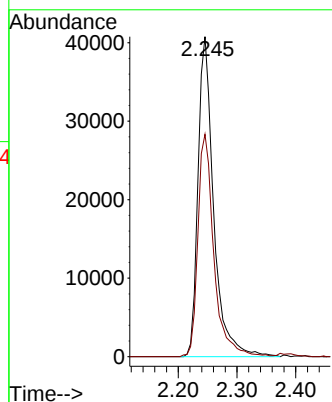
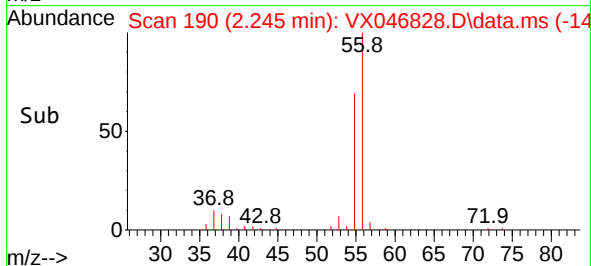
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 75415
Ion Ratio Lower Upper
56 100
55 71.0 55.2 82.8

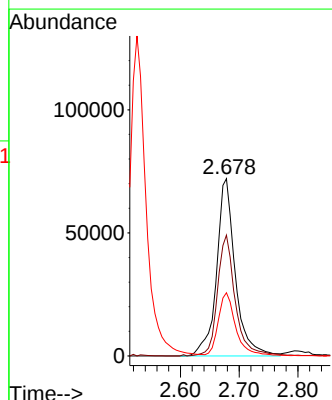
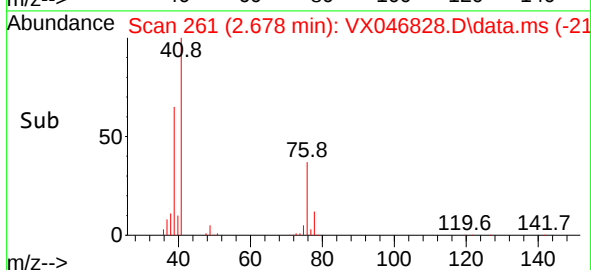
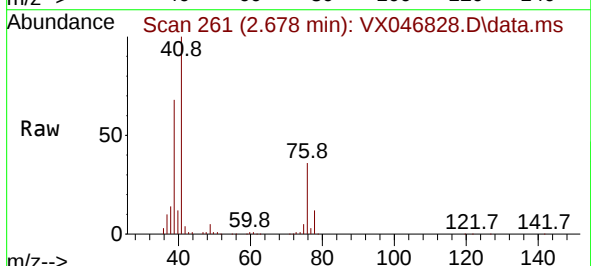
Manual Integrations
APPROVED

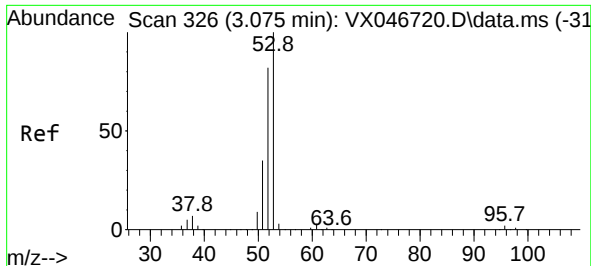
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#14
Allyl chloride
Concen: 49.247 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

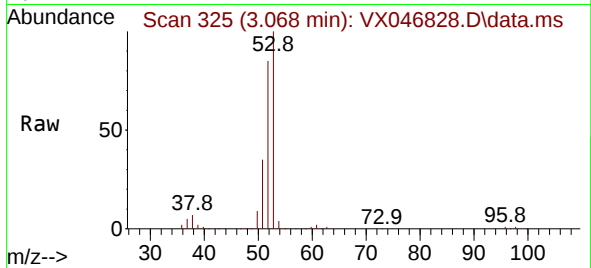
Tgt Ion: 41 Resp: 159593
Ion Ratio Lower Upper
41 100
39 65.1 53.6 80.4
76 33.7 26.8 40.2





#15
Acrylonitrile
Concen: 219.284 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

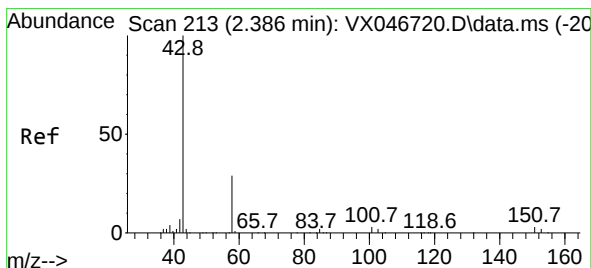
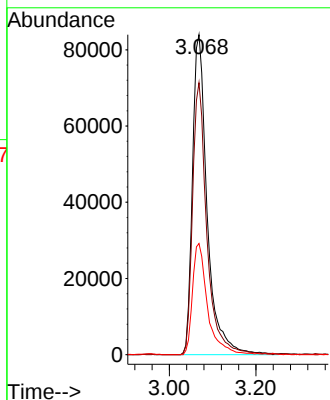
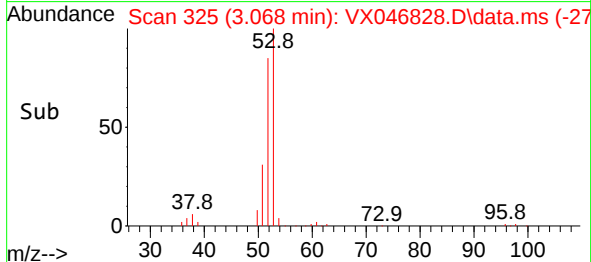
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 198224
Ion Ratio Lower Upper
53 100
52 82.6 65.1 97.7
51 35.9 28.9 43.3

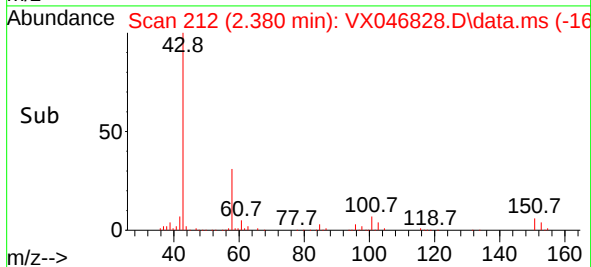
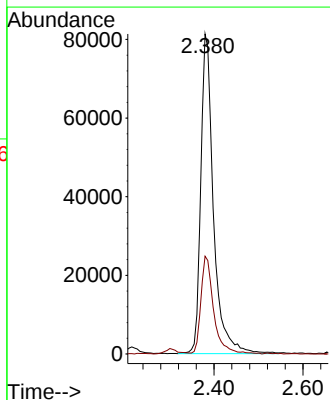
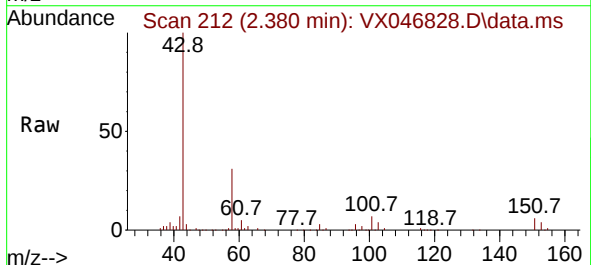
Manual Integrations
APPROVED

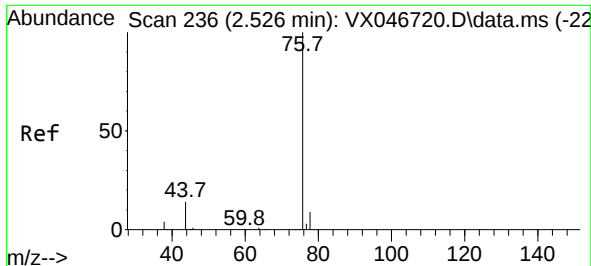
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#16
Acetone
Concen: 217.175 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

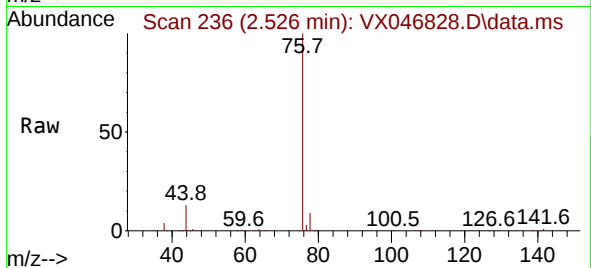
Tgt Ion: 43 Resp: 162211
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7





#17
Carbon Disulfide
Concen: 45.918 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

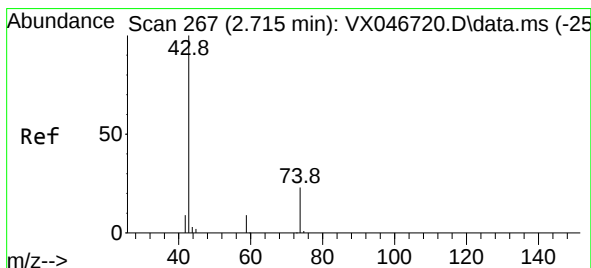
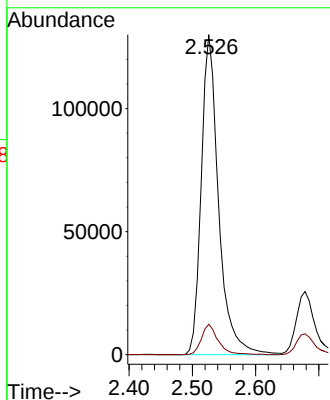
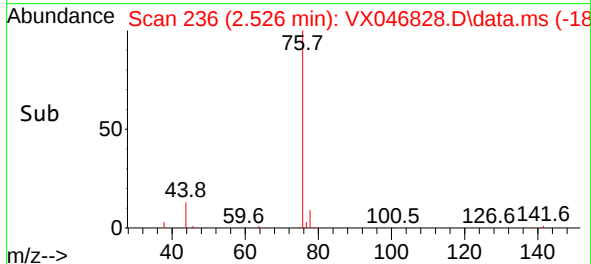
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



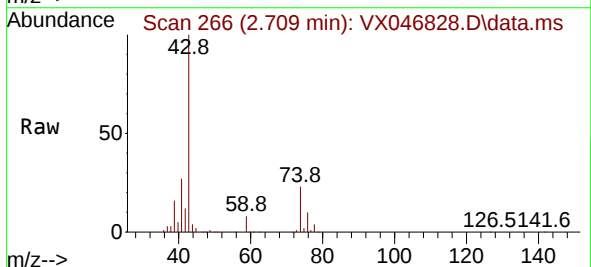
Tgt Ion: 76 Resp: 248010
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

Manual Integrations
APPROVED

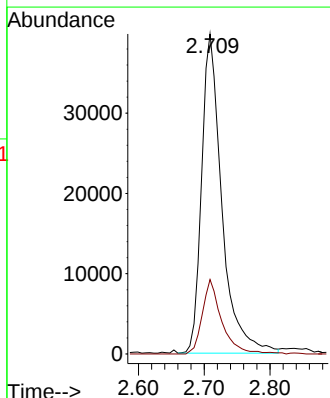
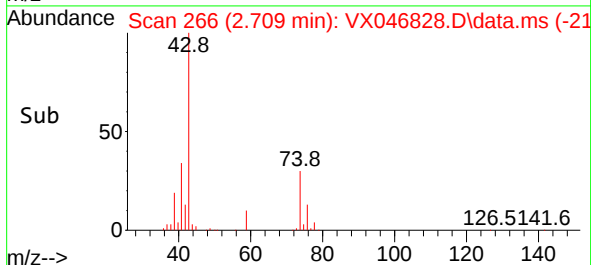
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

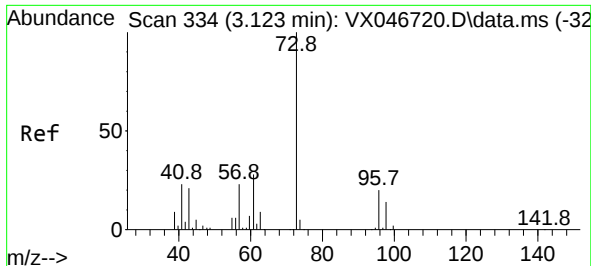


#18
Methyl Acetate
Concen: 44.993 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion: 43 Resp: 85354
Ion Ratio Lower Upper
43 100
74 22.4 18.4 27.6





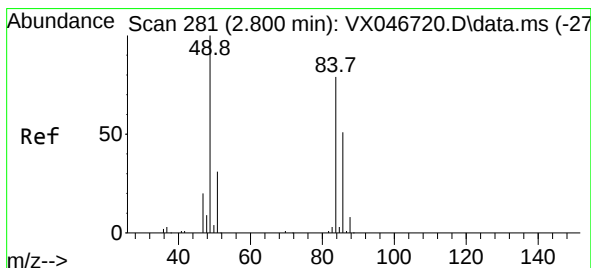
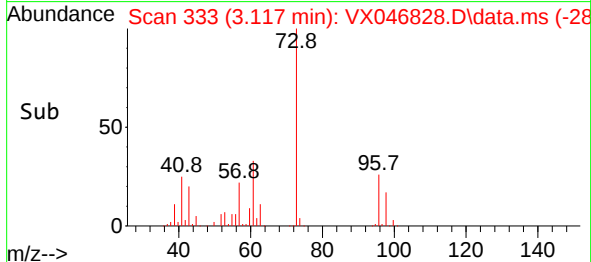
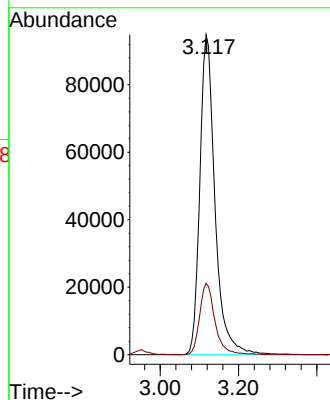
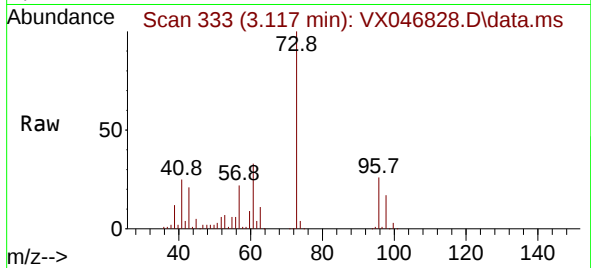
#19
Methyl tert-butyl Ether
Concen: 45.700 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 254514
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

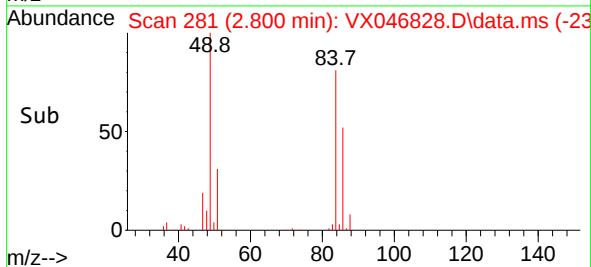
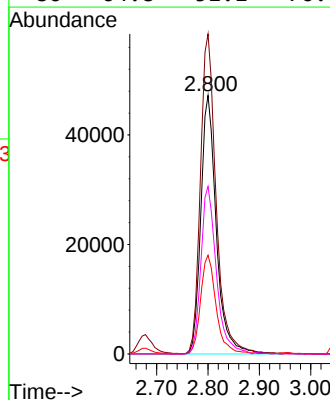
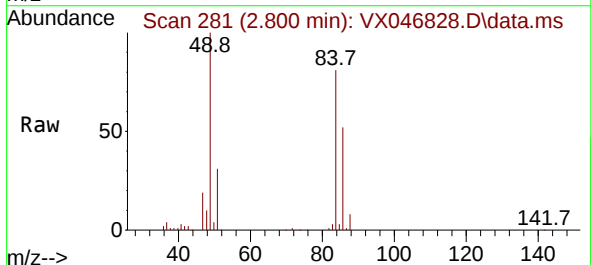
Manual Integrations
APPROVED

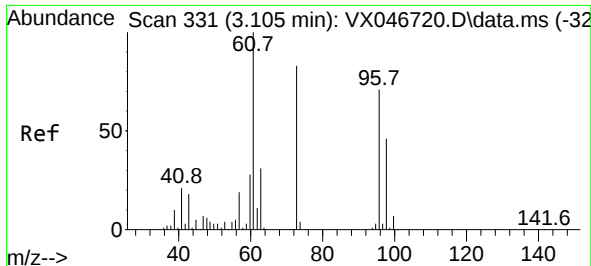
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#20
Methylene Chloride
Concen: 47.659 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

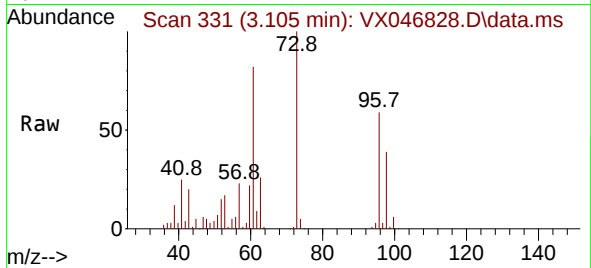
Tgt Ion: 84 Resp: 98995
Ion Ratio Lower Upper
84 100
49 123.6 101.3 151.9
51 38.2 31.0 46.6
86 64.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 48.894 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

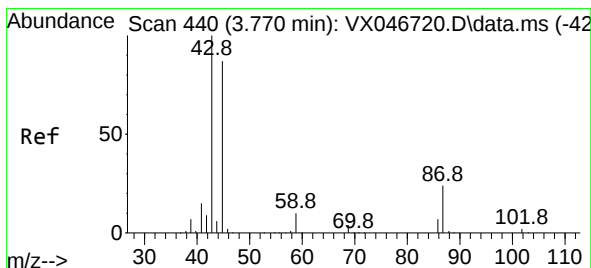
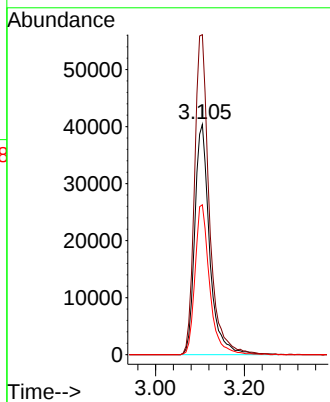
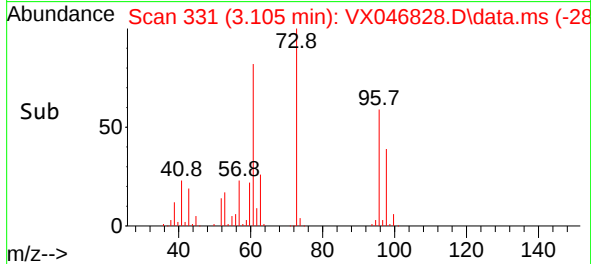
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 93574
Ion Ratio Lower Upper
96 100
61 138.9 112.5 168.7
98 65.1 51.9 77.9

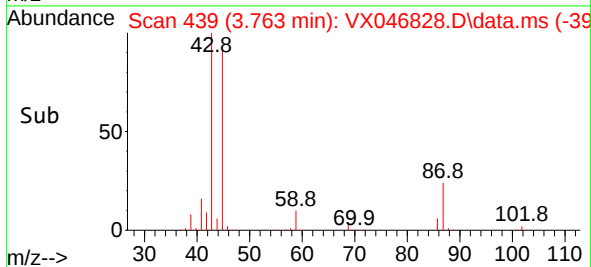
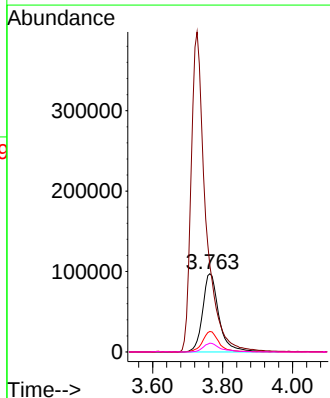
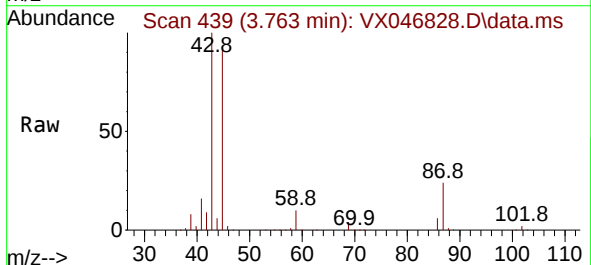
Manual Integrations
APPROVED

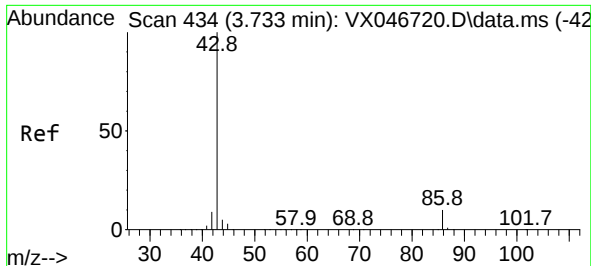
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#22
Diisopropyl ether
Concen: 50.597 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

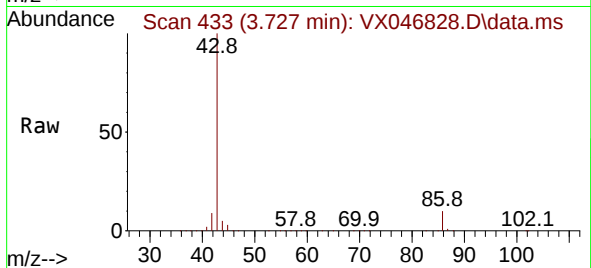
Tgt Ion: 45 Resp: 315164
Ion Ratio Lower Upper
45 100
43 110.1 91.9 137.9
87 26.2 22.0 33.0
59 11.2 9.1 13.7





#23
 Vinyl Acetate
 Concen: 234.702 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046828.D
 Acq: 30 Jun 2025 09:10

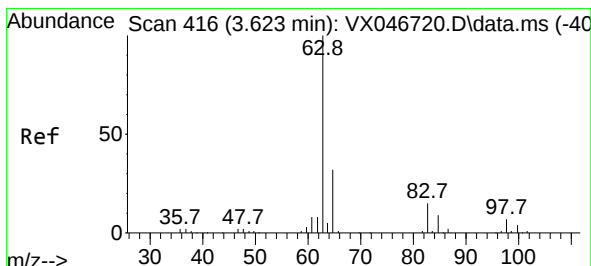
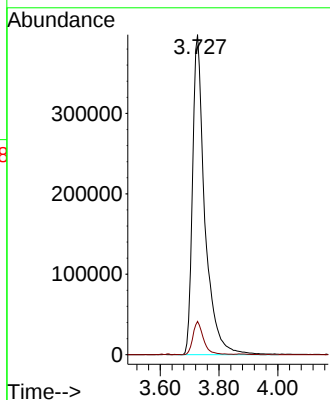
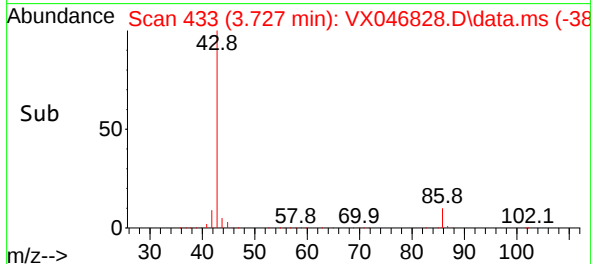
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



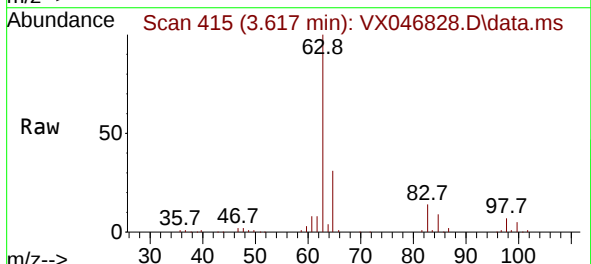
Tgt Ion: 43 Resp: 116254
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2

Manual Integrations
 APPROVED

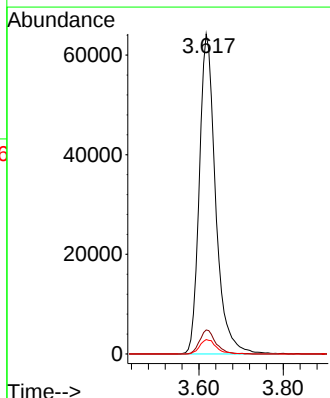
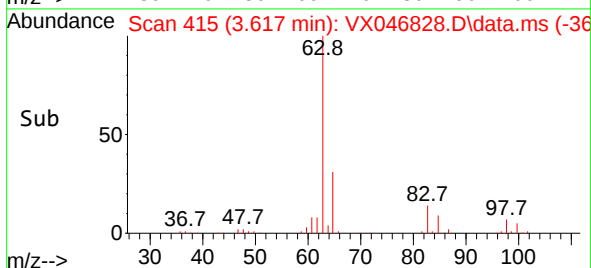
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025

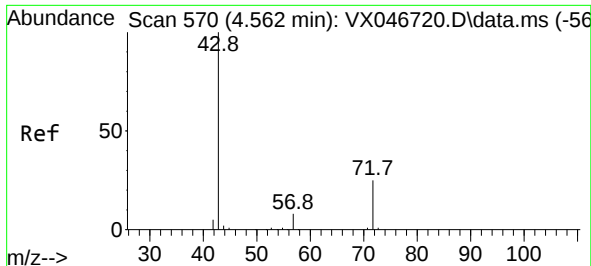


#24
 1,1-Dichloroethane
 Concen: 48.788 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046828.D
 Acq: 30 Jun 2025 09:10



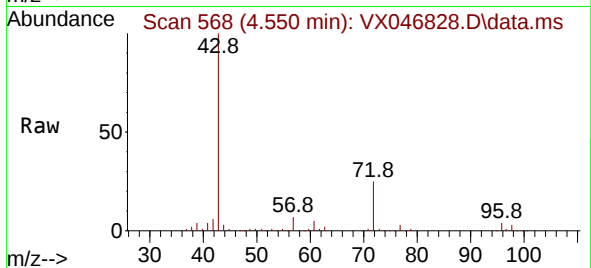
Tgt Ion: 63 Resp: 172543
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 11.9
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 202.215 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

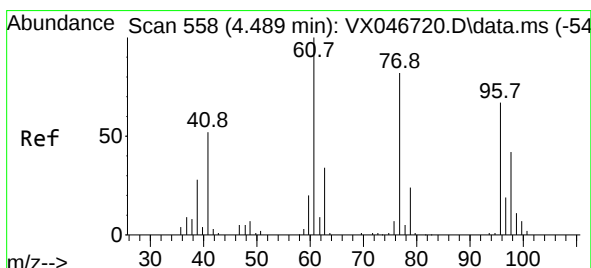
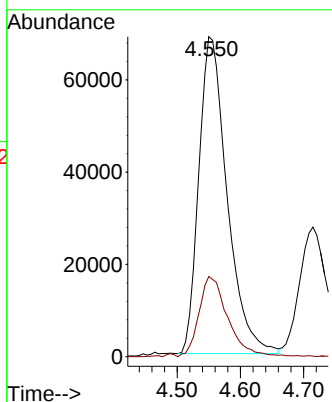
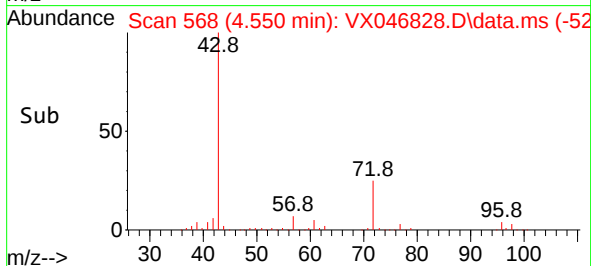
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21361
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4

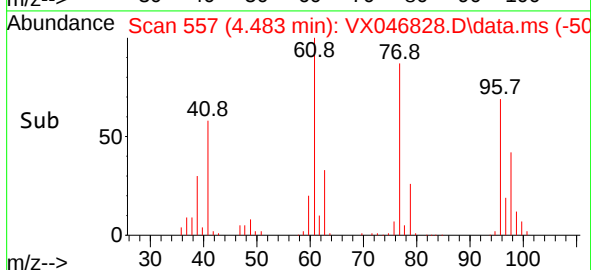
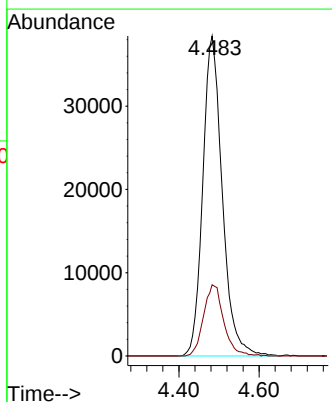
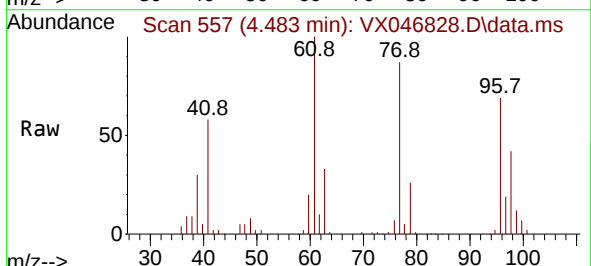
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 50.248 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 77 Resp: 129610
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.527 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 109109

Ion Ratio Lower Upper

96 100

61 144.5 0.0 291.0

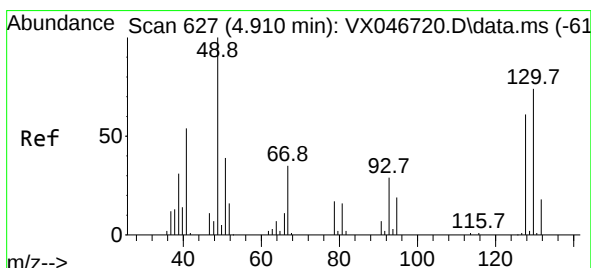
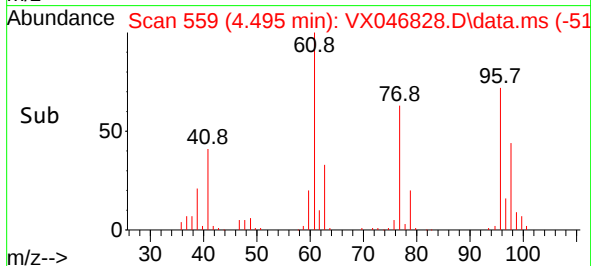
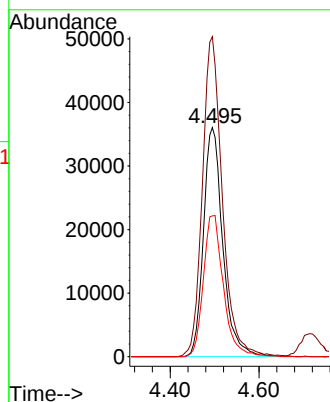
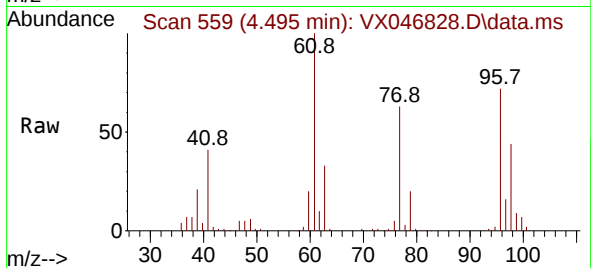
98 63.9 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#28

Bromochloromethane

Concen: 45.608 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

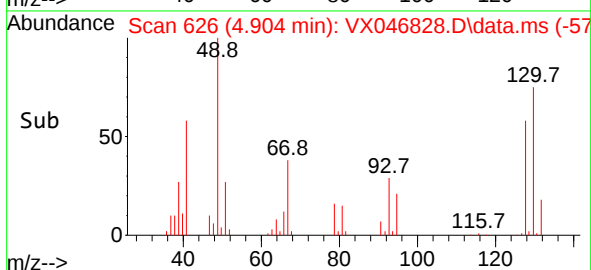
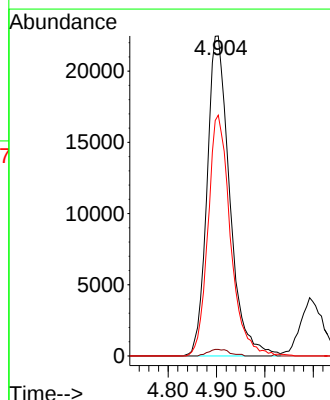
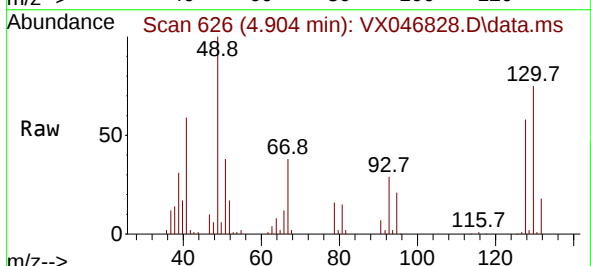
Tgt Ion: 49 Resp: 73125

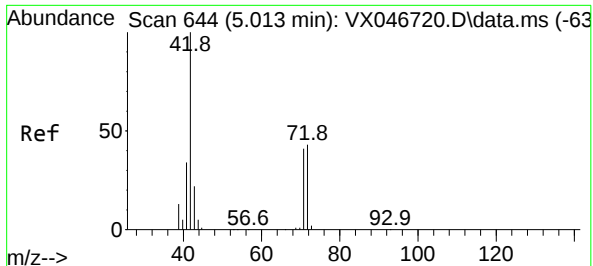
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.8 61.4 92.0





#29

Tetrahydrofuran

Concen: 206.229 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14071

Ion Ratio Lower Upper

42 100

72 43.0 34.9 52.3

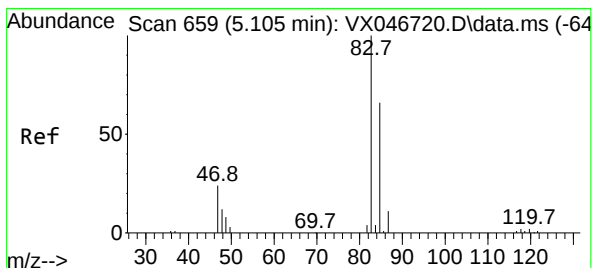
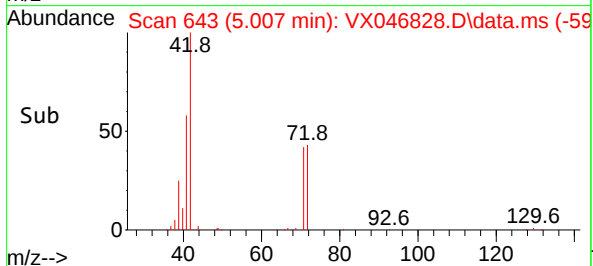
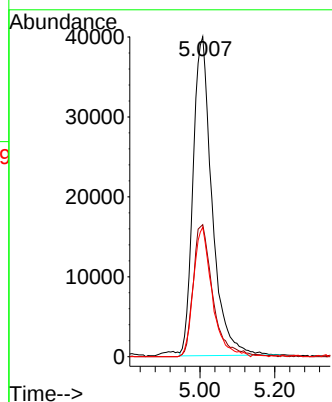
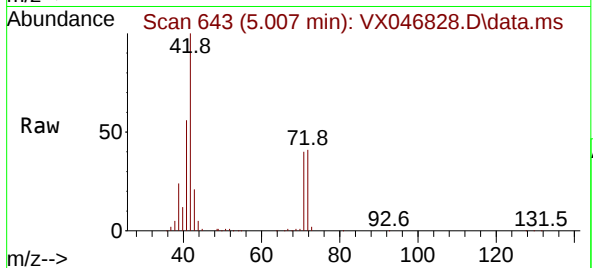
71 39.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#30

Chloroform

Concen: 48.938 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046828.D

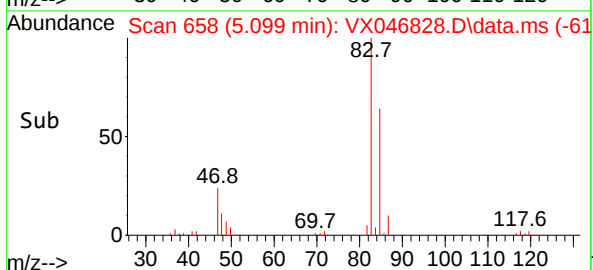
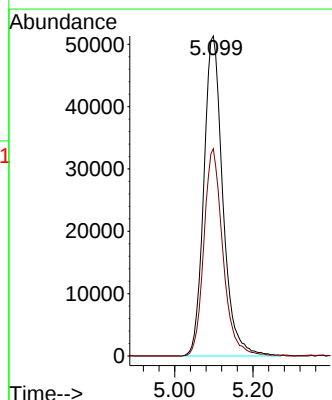
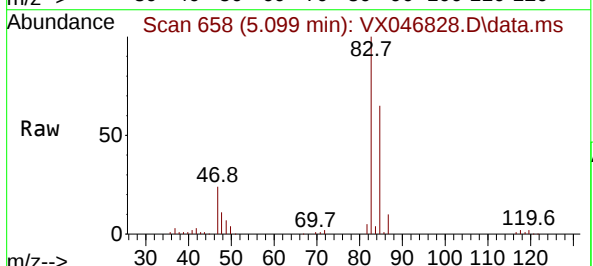
Acq: 30 Jun 2025 09:10

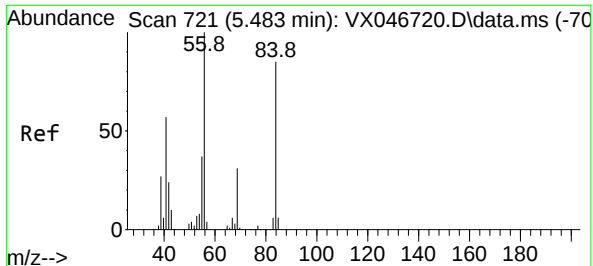
Tgt Ion: 83 Resp: 173085

Ion Ratio Lower Upper

83 100

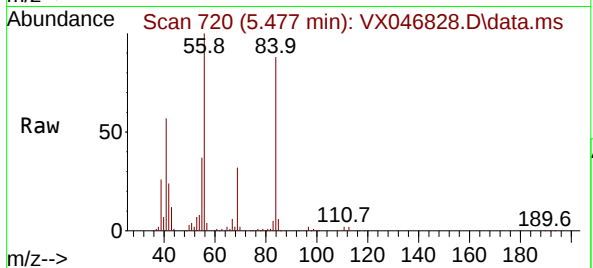
85 64.8 53.7 80.5





#31
Cyclohexane
Concen: 45.943 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

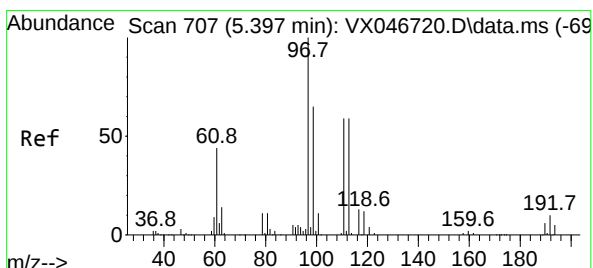
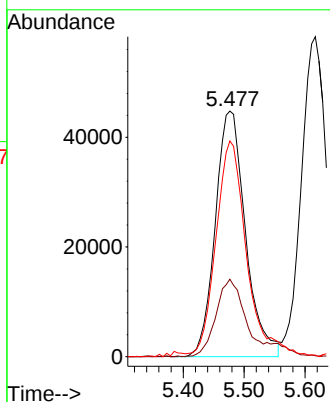
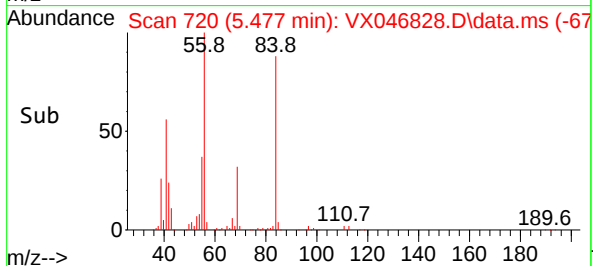
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 154085
Ion Ratio Lower Upper
56 100
69 31.2 24.8 37.2
84 86.3 68.2 102.2

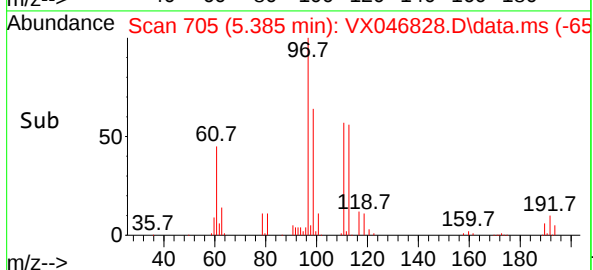
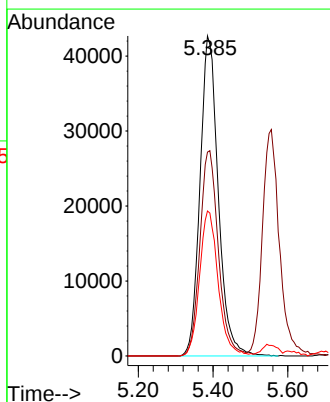
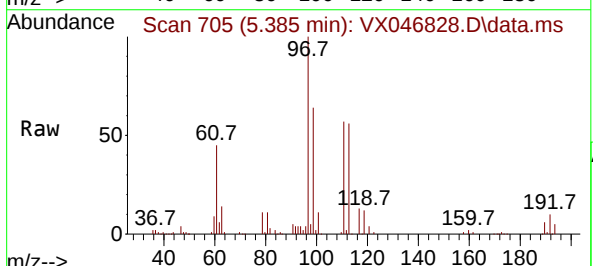
Manual Integrations
APPROVED

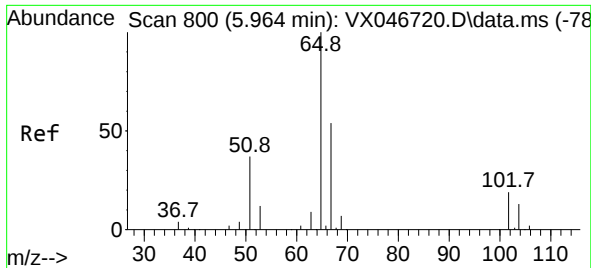
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#32
1,1,1-Trichloroethane
Concen: 46.626 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 97 Resp: 144627
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 41.462 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 92860

Ion Ratio Lower Upper

65 100

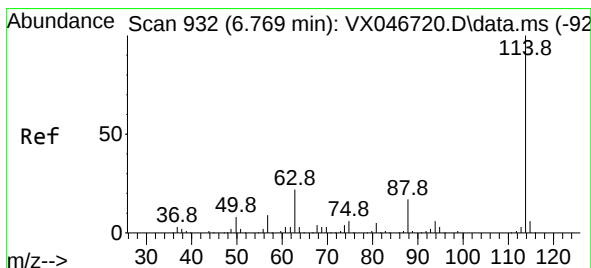
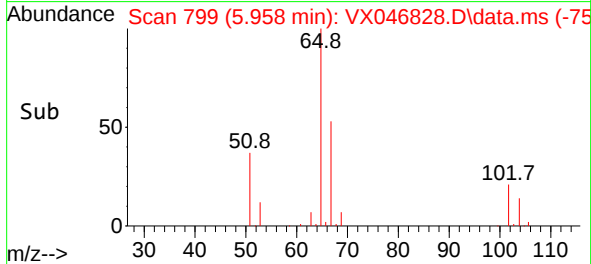
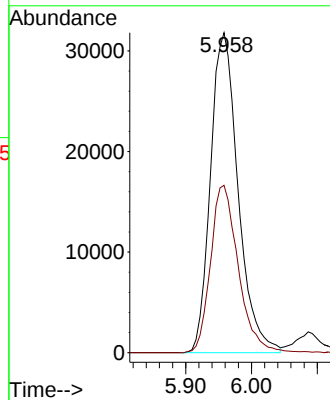
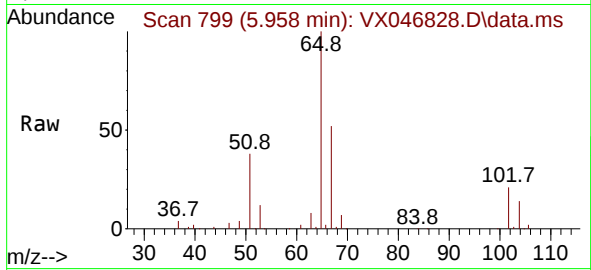
67 52.8 0.0 105.4

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: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

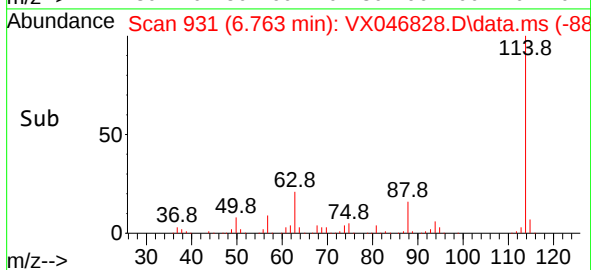
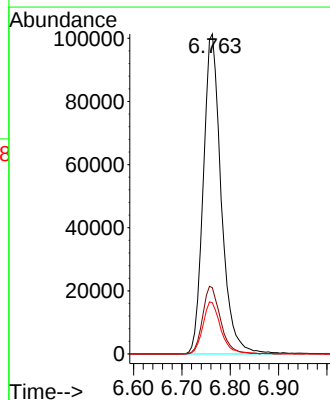
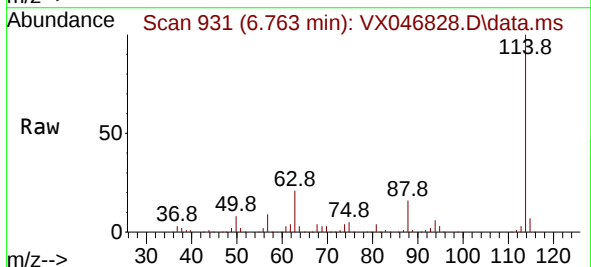
Tgt Ion:114 Resp: 260633

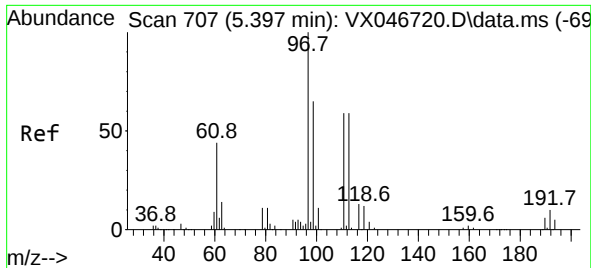
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

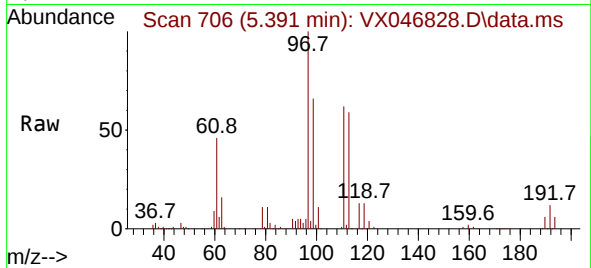
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 46.390 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

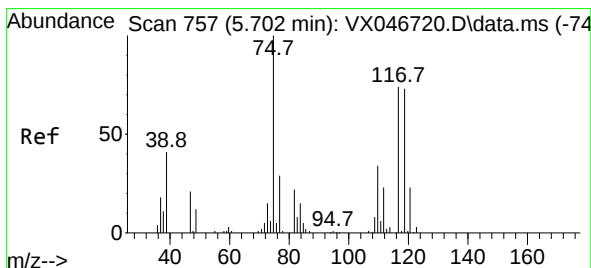
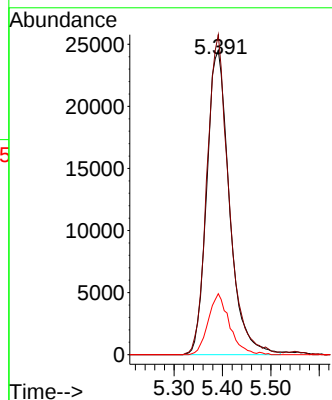
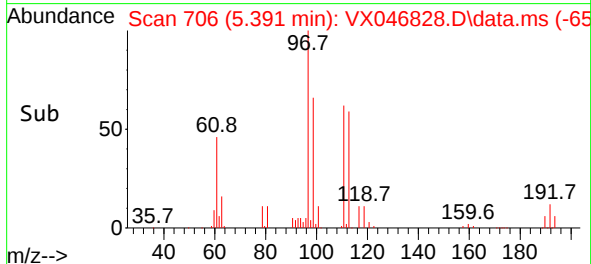
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 79990
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 18.6 15.3 22.9

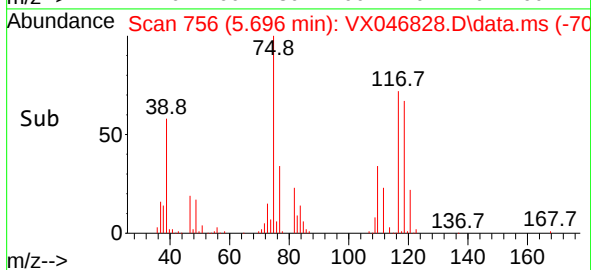
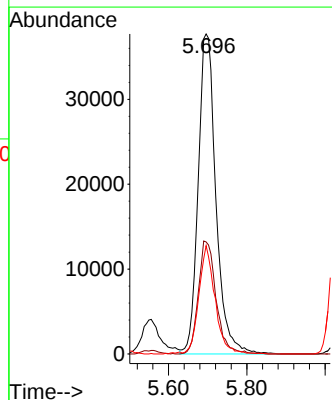
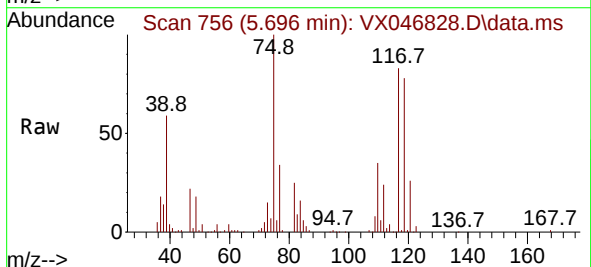
Manual Integrations
APPROVED

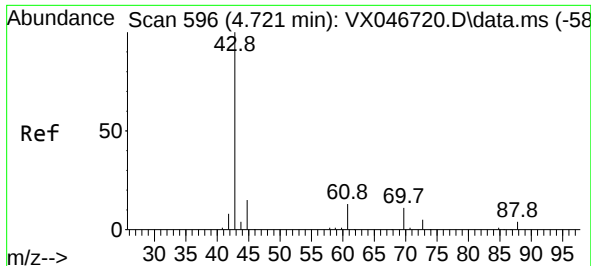
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#36
1,1-Dichloropropene
Concen: 47.841 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 75 Resp: 119091
Ion Ratio Lower Upper
75 100
110 35.2 17.2 51.5
77 31.3 24.2 36.4





#37

Ethyl Acetate

Concen: 40.470 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 92990

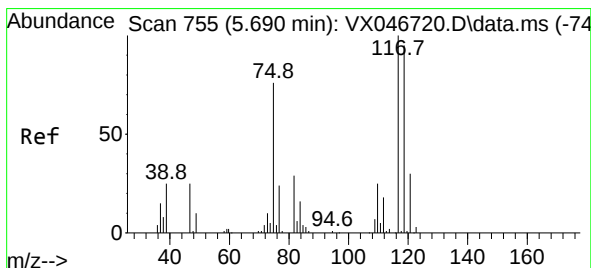
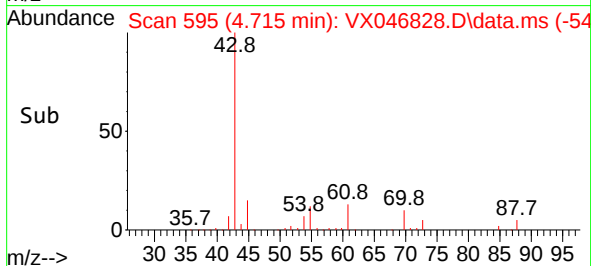
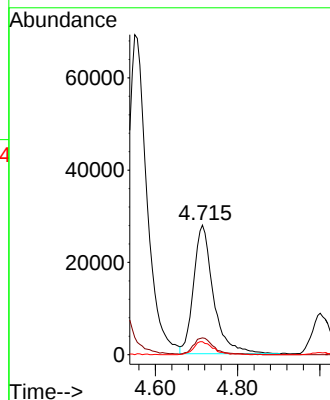
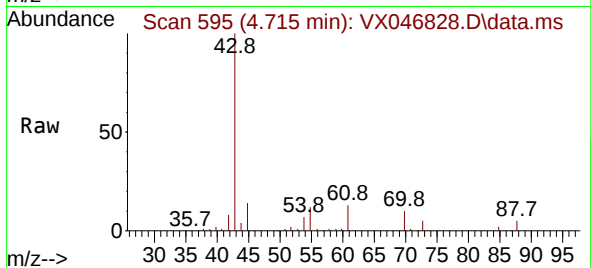
Ion	Ratio	Lower	Upper
43	100		
61	13.8	9.7	14.5
70	10.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#38

Carbon Tetrachloride

Concen: 48.296 ug/l

RT: 5.678 min Scan# 753

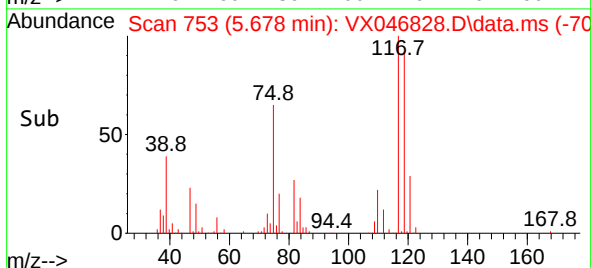
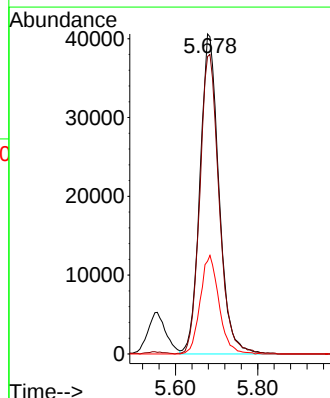
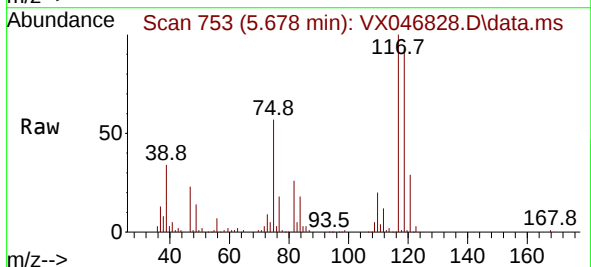
Delta R.T. -0.012 min

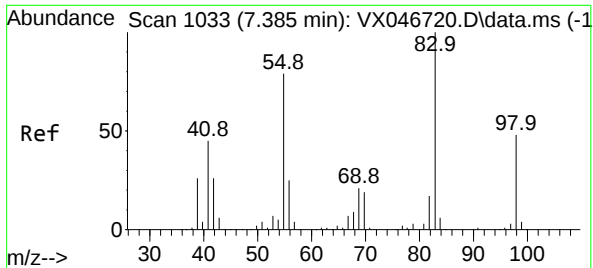
Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Tgt Ion:117 Resp: 130471

Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.2	112.8
121	29.0	24.1	36.1





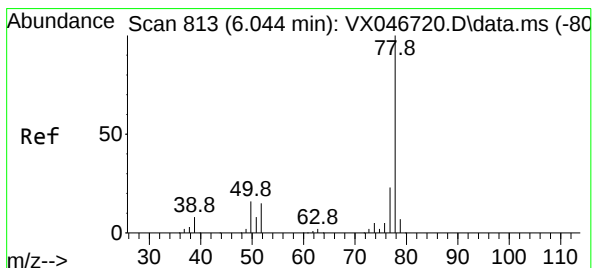
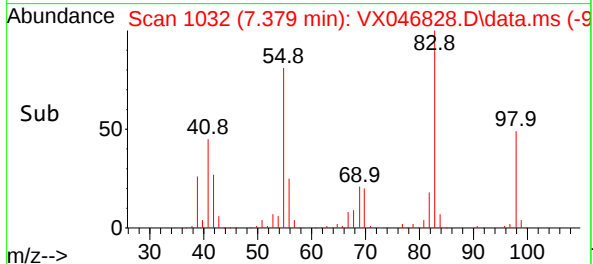
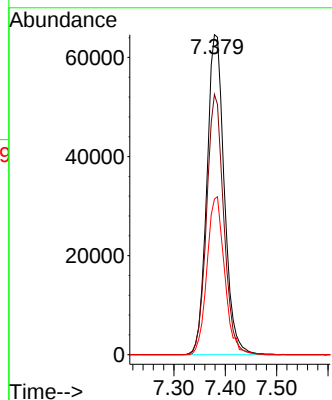
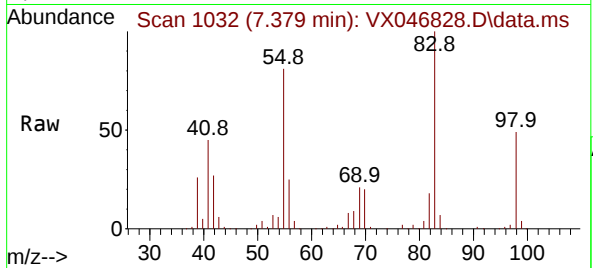
#39
Methylcyclohexane
Concen: 46.540 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15245
Ion Ratio Lower Upper
83 100
55 81.3 63.0 94.4
98 48.6 38.8 58.2

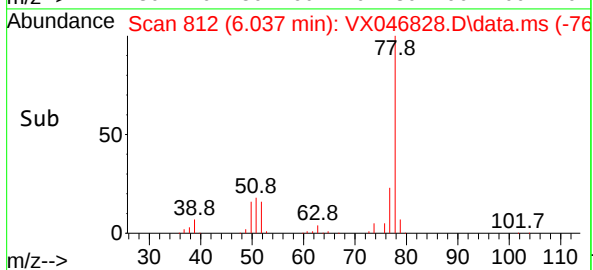
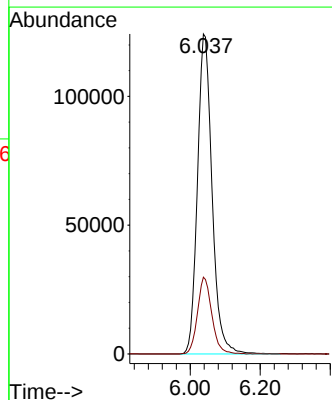
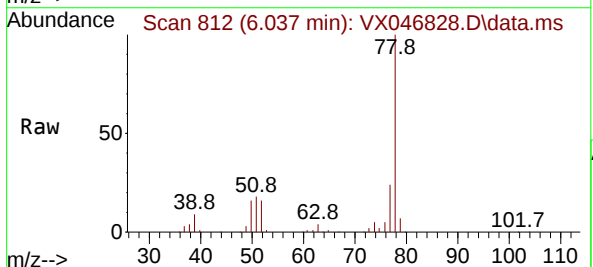
Manual Integrations
APPROVED

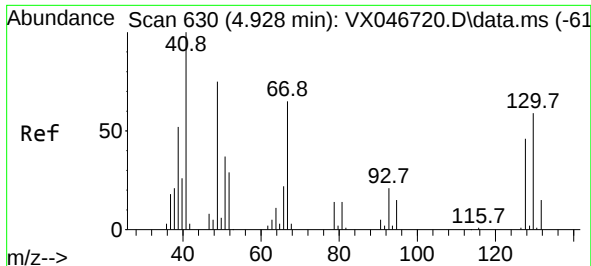
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#40
Benzene
Concen: 48.831 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 78 Resp: 359743
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 45.683 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

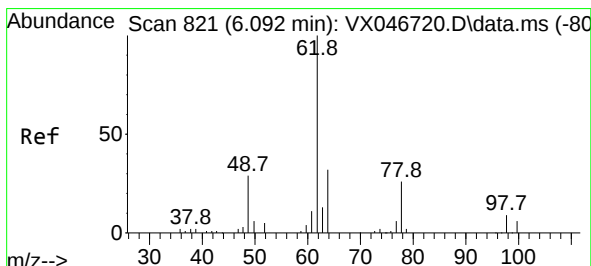
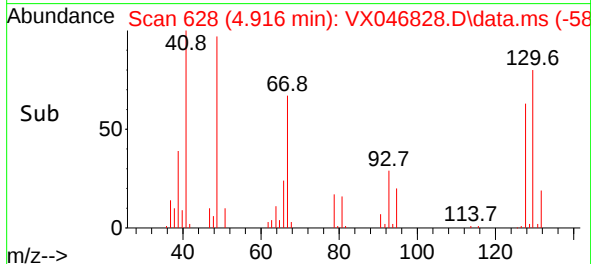
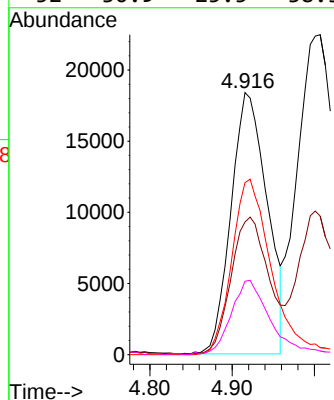
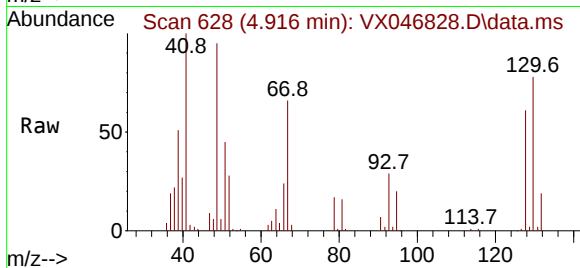
ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 55960
Ion Ratio Lower Upper
41 100
39 55.7 45.9 68.9
67 74.8 61.2 91.8
52 30.9 25.5 38.3

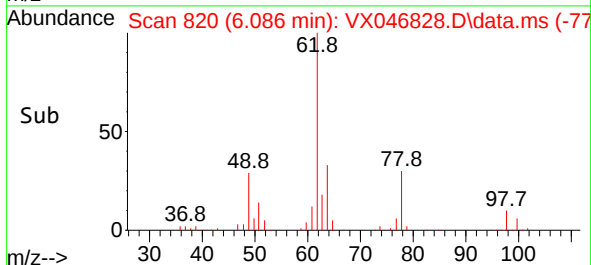
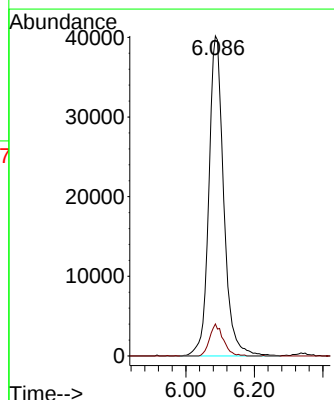
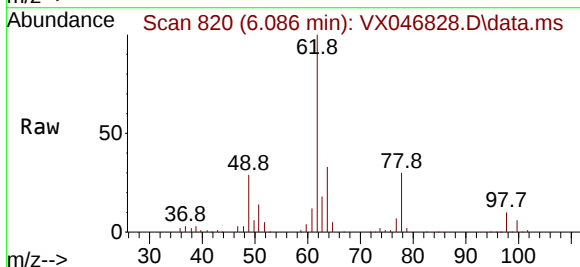
Manual Integrations
APPROVED

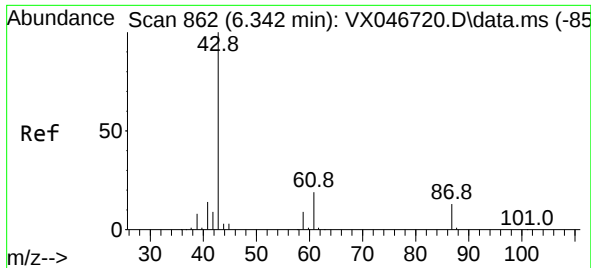
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#42
1,2-Dichloroethane
Concen: 46.826 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

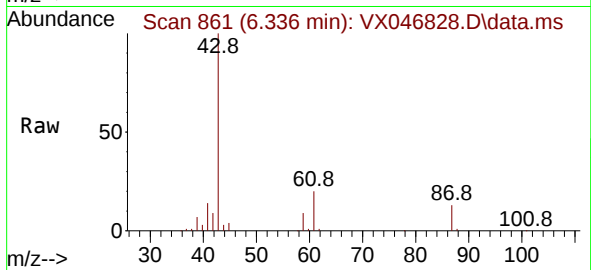
Tgt Ion: 62 Resp: 121223
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.8





#43
Isopropyl Acetate
Concen: 43.322 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

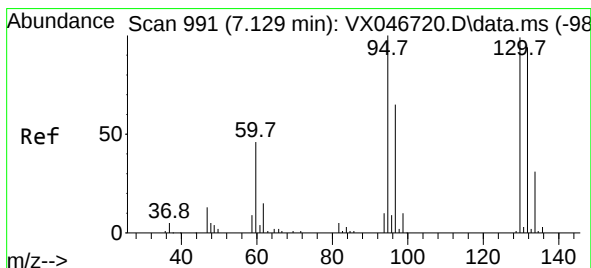
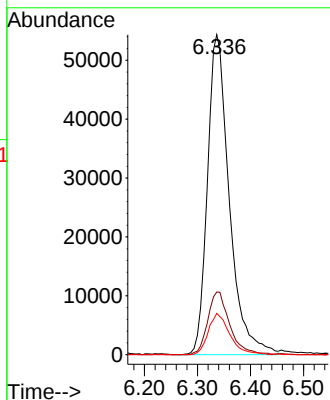
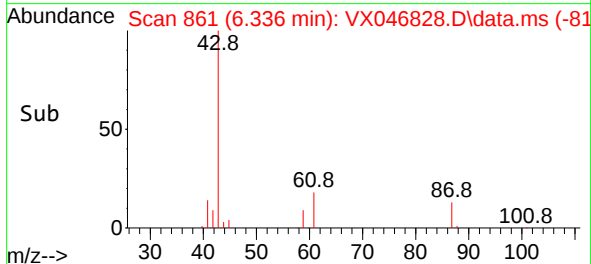
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15576
Ion Ratio Lower Upper
43 100
61 19.6 15.3 22.9
87 12.6 10.0 15.0

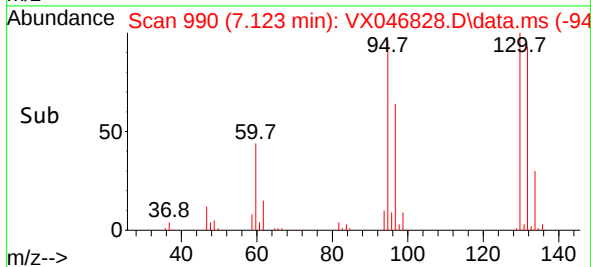
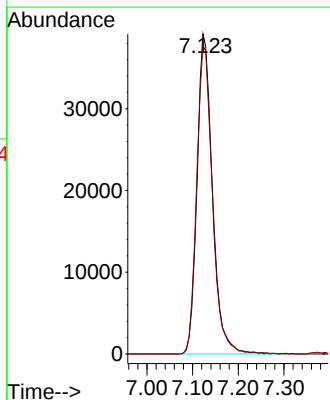
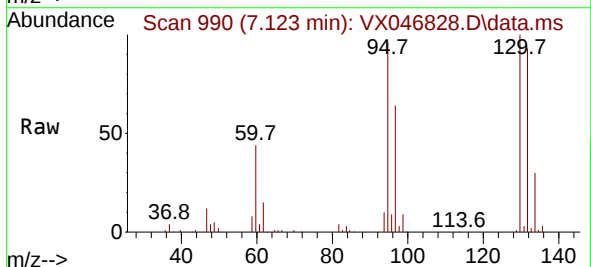
Manual Integrations
APPROVED

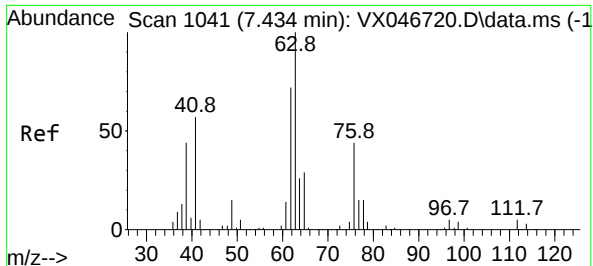
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#44
Trichloroethene
Concen: 48.848 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion:130 Resp: 91710
Ion Ratio Lower Upper
130 100
95 96.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 48.578 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 88692

Ion Ratio Lower Upper

63 100

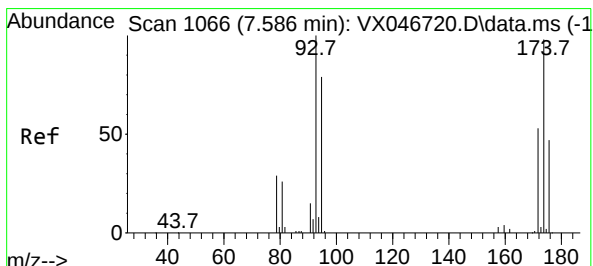
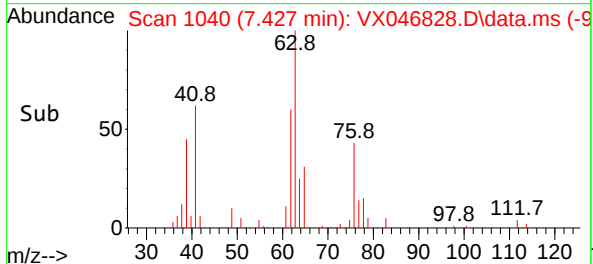
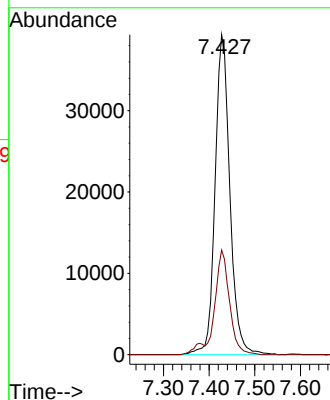
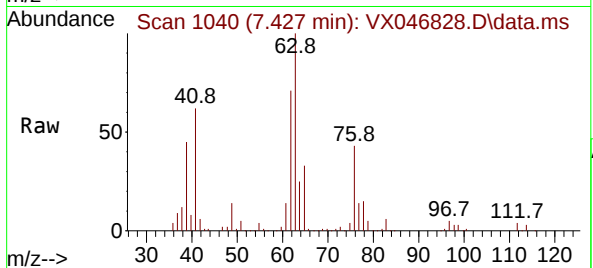
65 32.7 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#46

Dibromomethane

Concen: 46.971 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

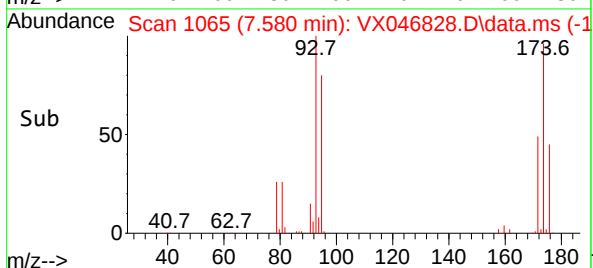
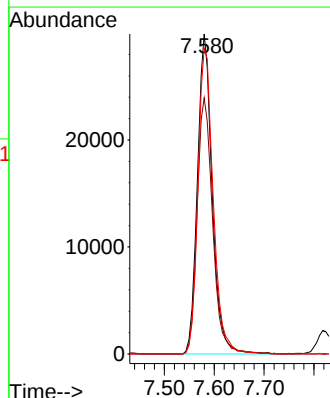
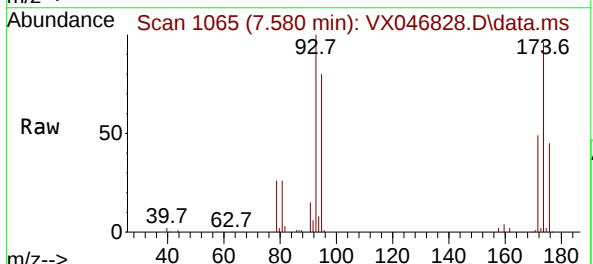
Tgt Ion: 93 Resp: 61633

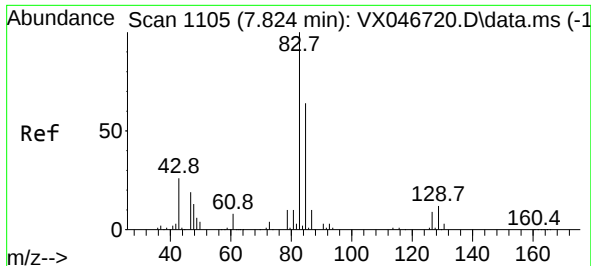
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

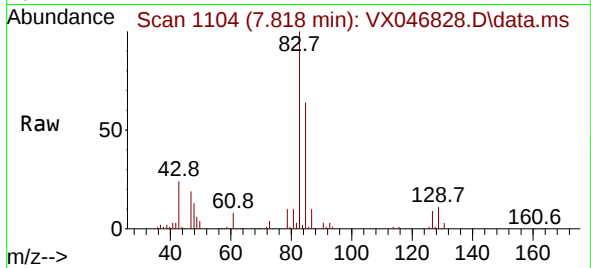
174 98.5 77.0 115.6





#47
Bromodichloromethane
Concen: 49.844 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

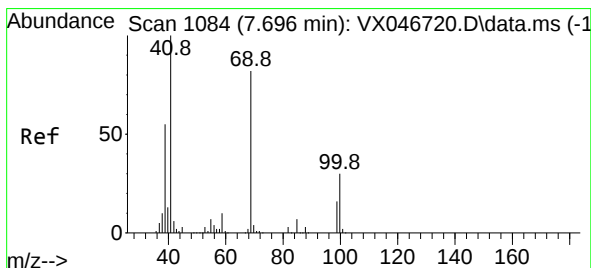
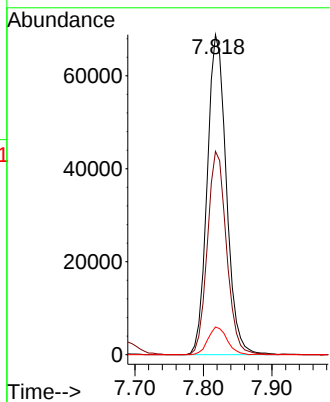
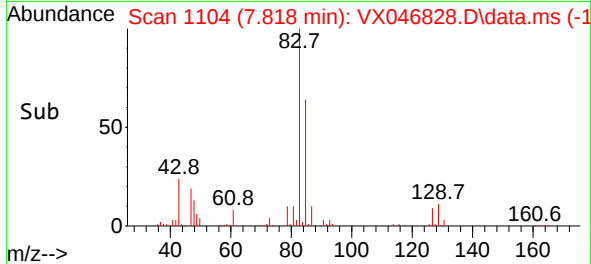
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 133468
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 8.6 6.9 10.3

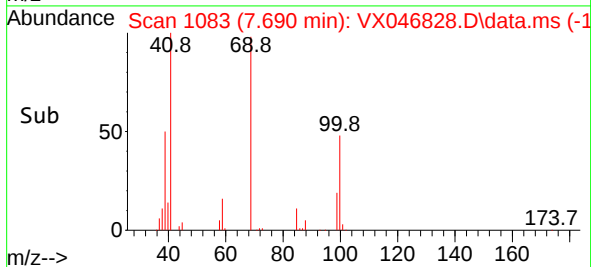
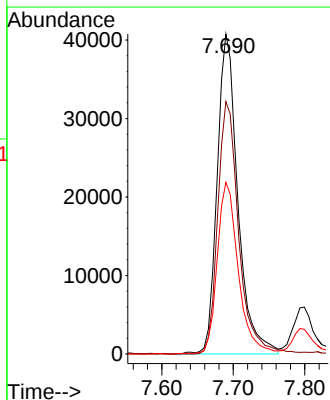
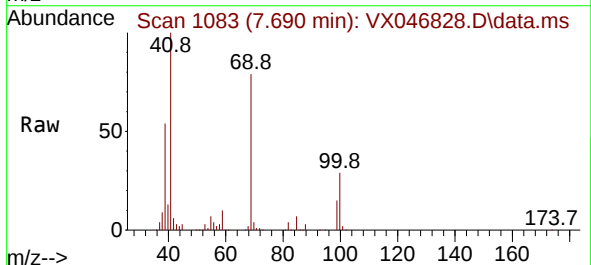
Manual Integrations
APPROVED

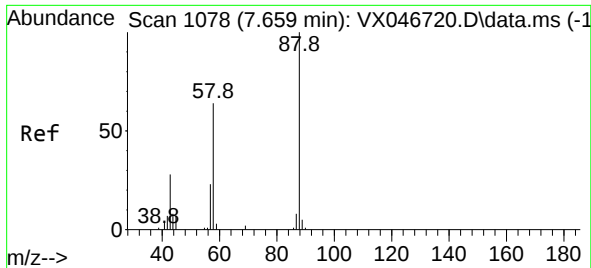
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#48
Methyl methacrylate
Concen: 45.471 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

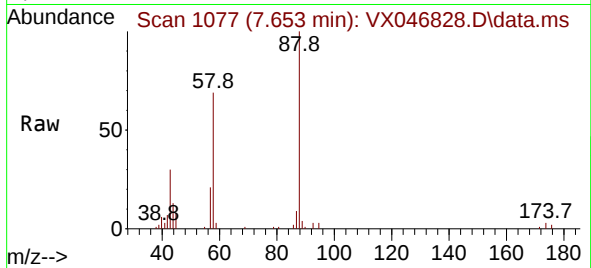
Tgt Ion: 41 Resp: 81995
Ion Ratio Lower Upper
41 100
69 79.9 63.4 95.2
39 54.4 45.4 68.0





#49
1,4-Dioxane
Concen: 734.338 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

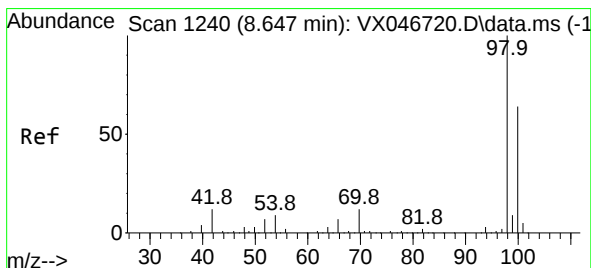
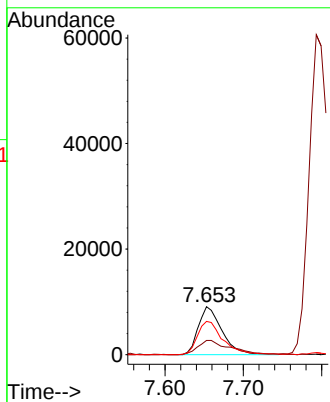
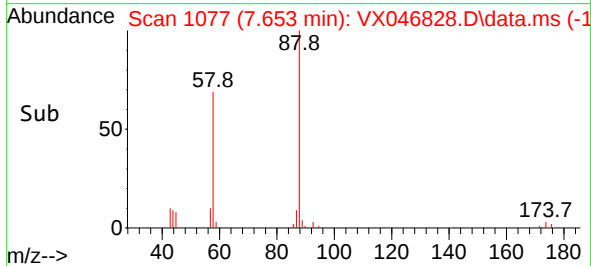
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1906
Ion Ratio Lower Upper
88 100
43 40.7 31.2 46.8
58 75.1 54.7 82.1

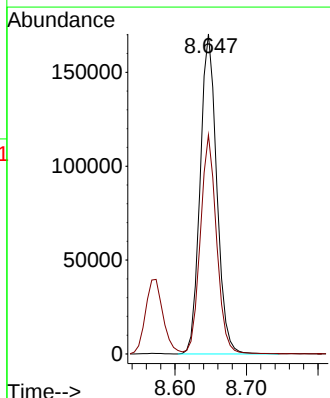
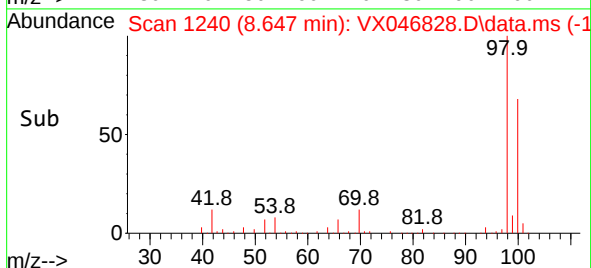
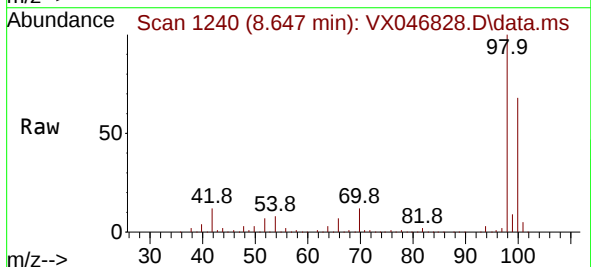
Manual Integrations
APPROVED

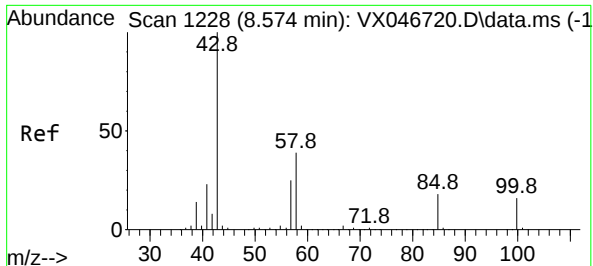
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#50
Toluene-d8
Concen: 44.382 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 98 Resp: 274970
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4





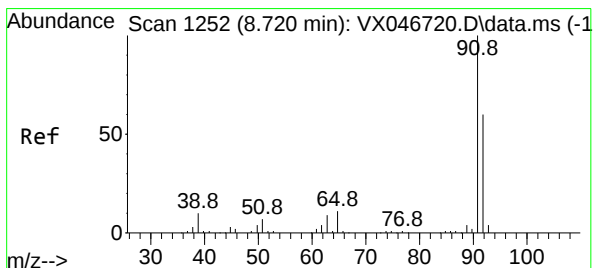
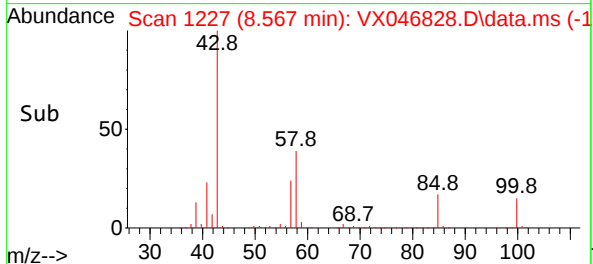
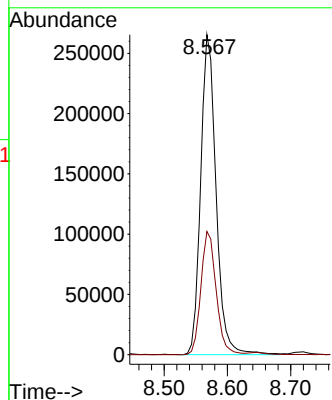
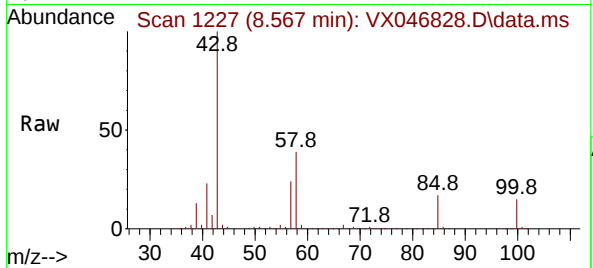
#51
4-Methyl-2-Pentanone
Concen: 209.487 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 44923
Ion Ratio Lower Upper
43 100
58 38.2 30.8 46.2

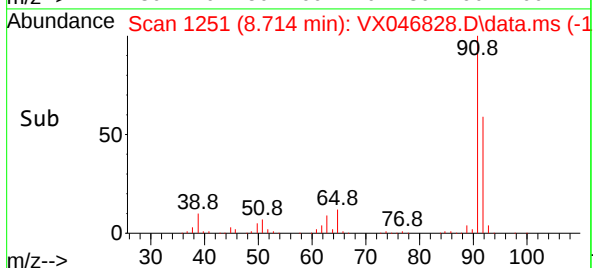
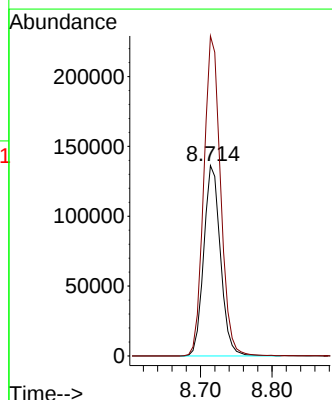
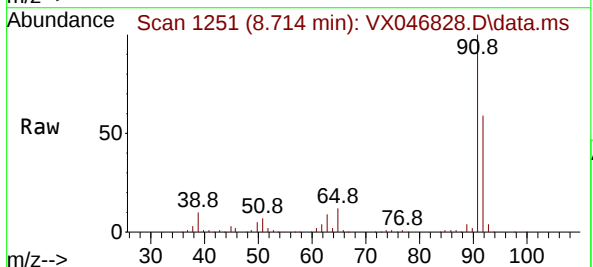
Manual Integrations
APPROVED

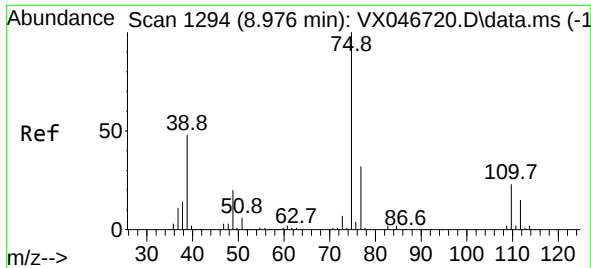
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#52
Toluene
Concen: 48.426 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 92 Resp: 221165
Ion Ratio Lower Upper
92 100
91 169.1 134.8 202.2





#53
 t-1,3-Dichloropropene
 Concen: 49.419 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX046828.D
 Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

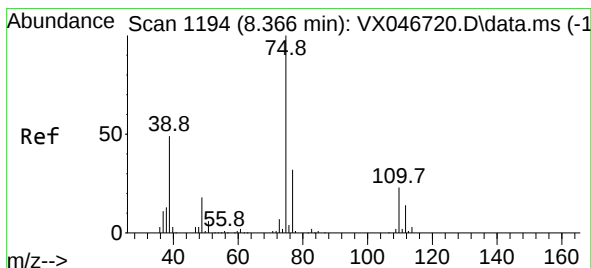
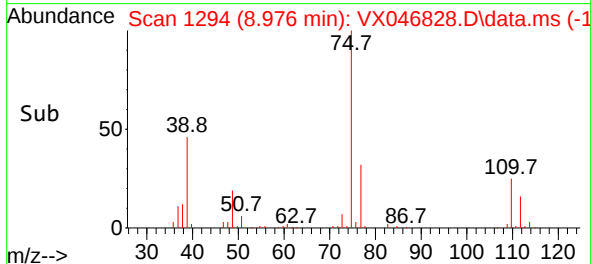
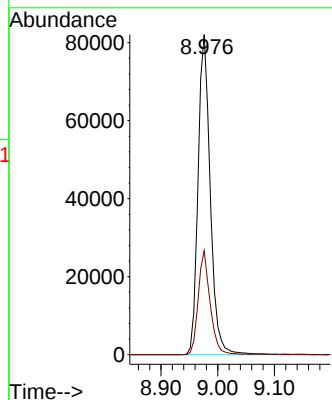
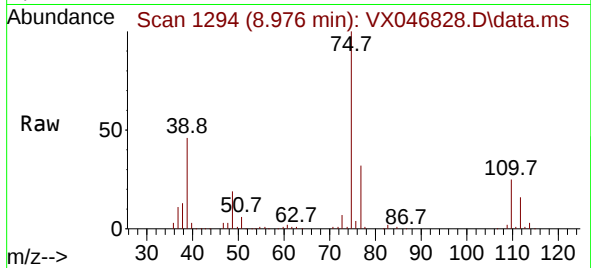
VSTDCCC050

Tgt Ion: 75 Resp: 122780
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4

Manual Integrations

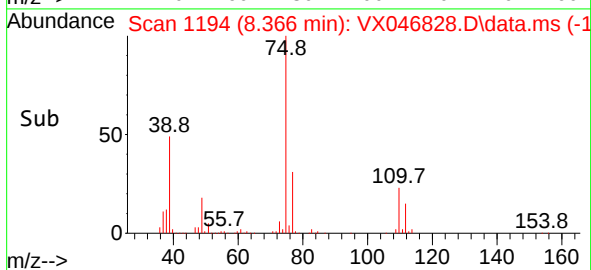
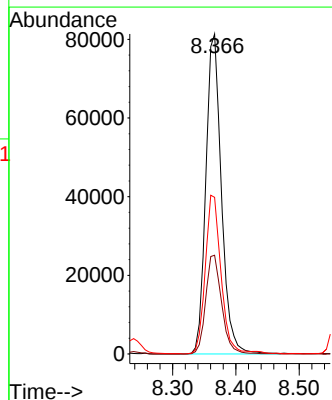
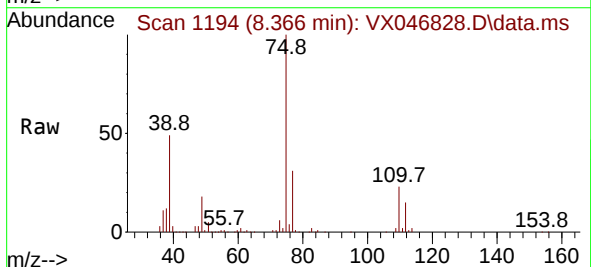
APPROVED

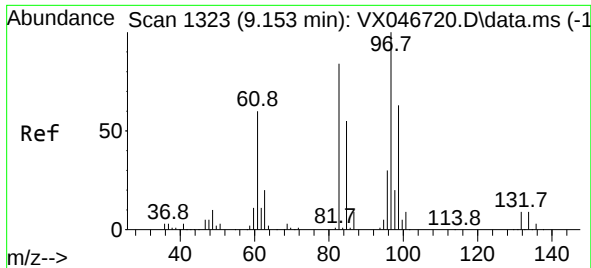
Reviewed By :John Carlone 07/01/2025
 Supervised By :Mahesh Dadoda 07/01/2025



#54
 cis-1,3-Dichloropropene
 Concen: 49.475 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX046828.D
 Acq: 30 Jun 2025 09:10

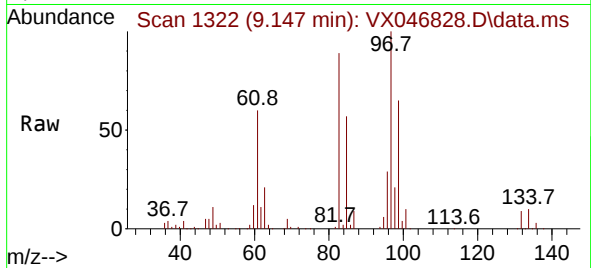
Tgt Ion: 75 Resp: 139540
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 48.3 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 47.196 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

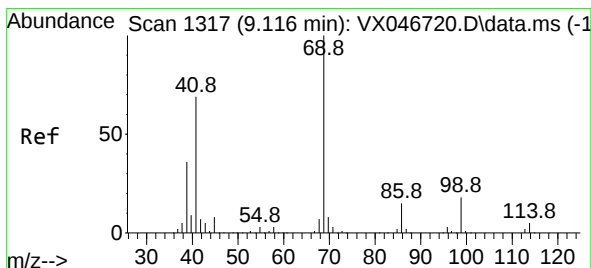
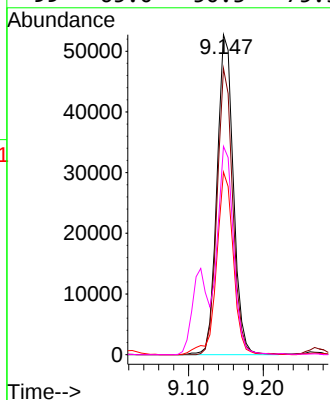
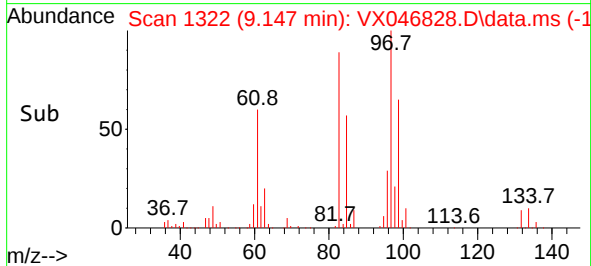
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



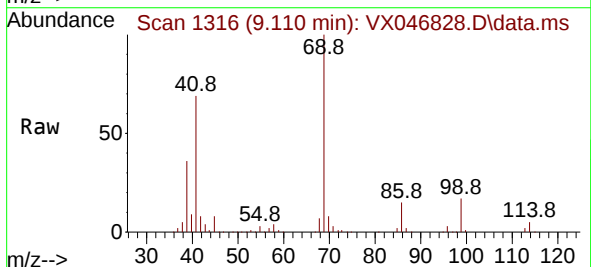
Tgt Ion: 97 Resp: 80325
Ion Ratio Lower Upper
97 100
83 89.5 67.2 100.8
85 57.1 44.1 66.1
99 65.0 50.3 75.5

Manual Integrations
APPROVED

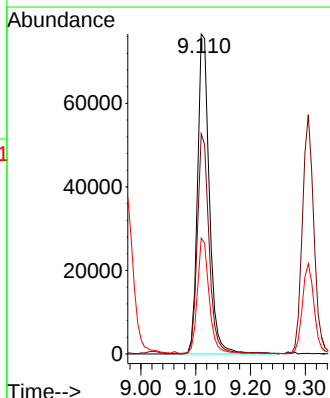
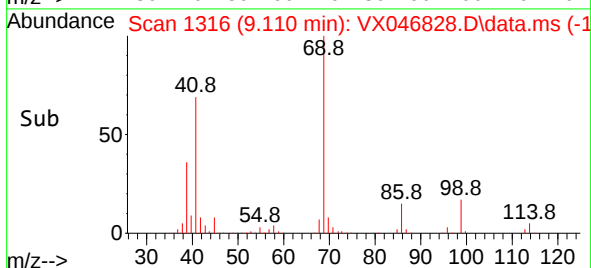
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

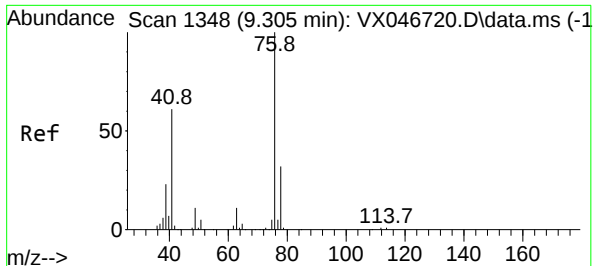


#56
Ethyl methacrylate
Concen: 45.907 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion: 69 Resp: 115337
Ion Ratio Lower Upper
69 100
41 68.5 55.4 83.2
39 35.3 29.7 44.5





#57

1,3-Dichloropropane

Concen: 46.807 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 137189

Ion Ratio Lower Upper

76 100

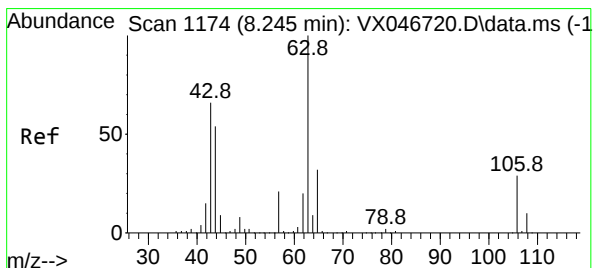
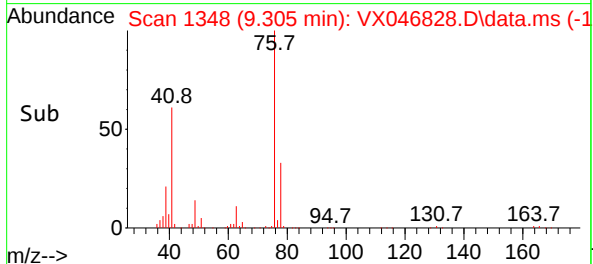
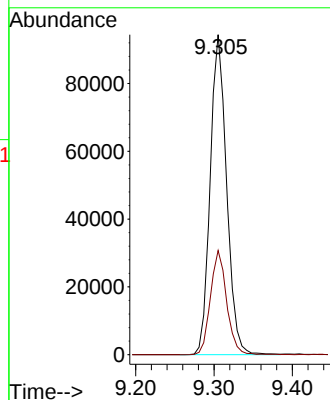
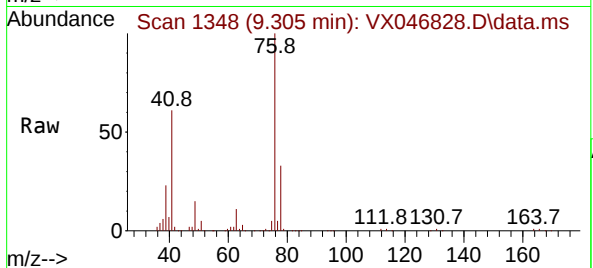
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 236.538 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046828.D

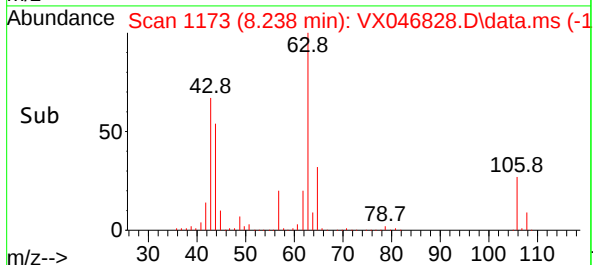
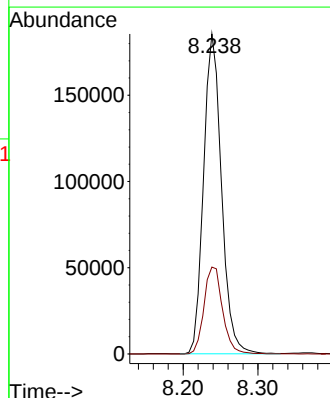
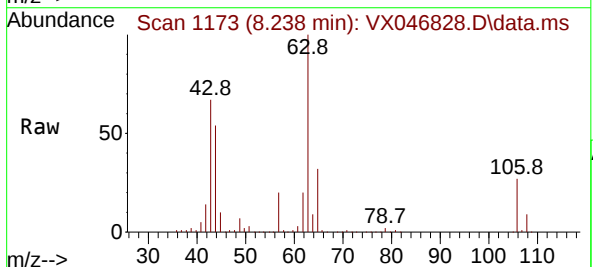
Acq: 30 Jun 2025 09:10

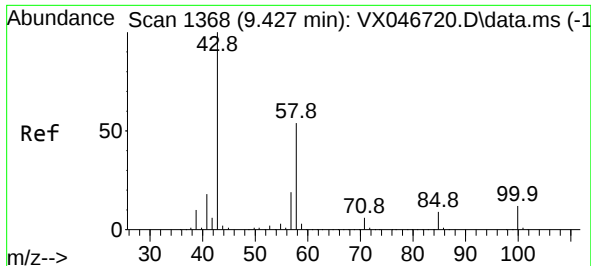
Tgt Ion: 63 Resp: 308703

Ion Ratio Lower Upper

63 100

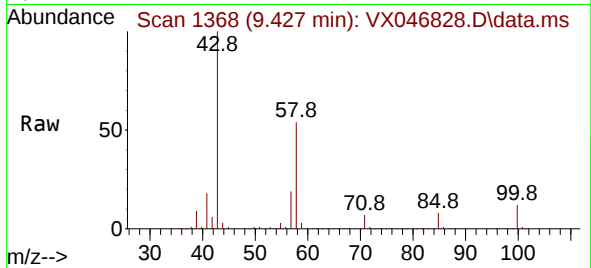
106 28.2 22.6 34.0





#59
2-Hexanone
Concen: 201.685 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

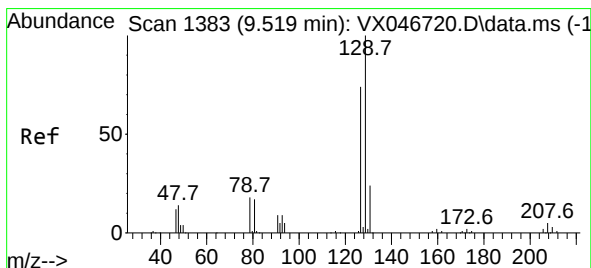
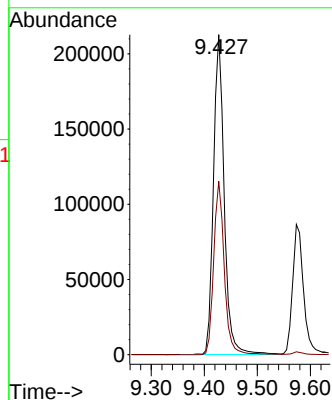
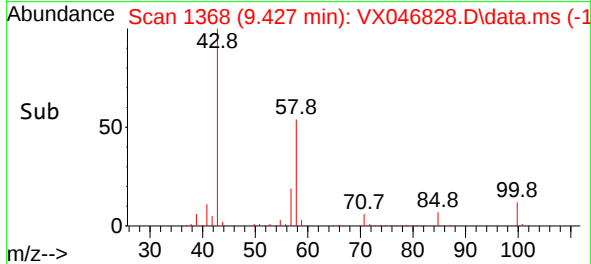
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 299000
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.4

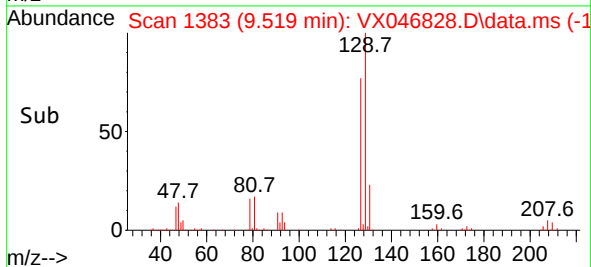
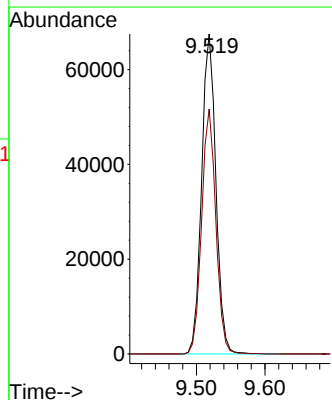
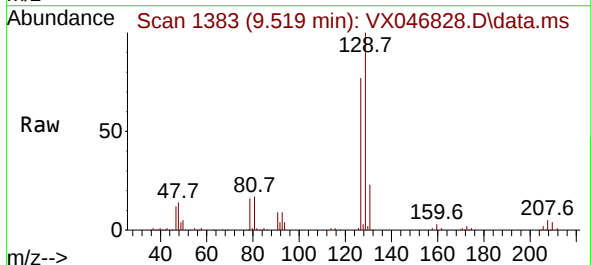
Manual Integrations
APPROVED

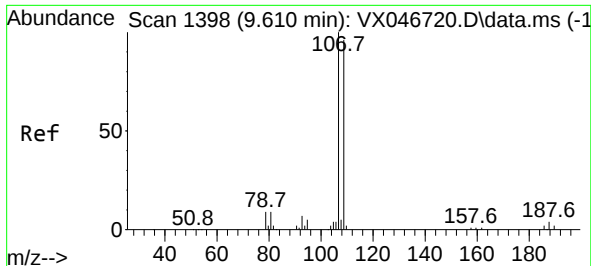
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#60
Dibromochloromethane
Concen: 48.800 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

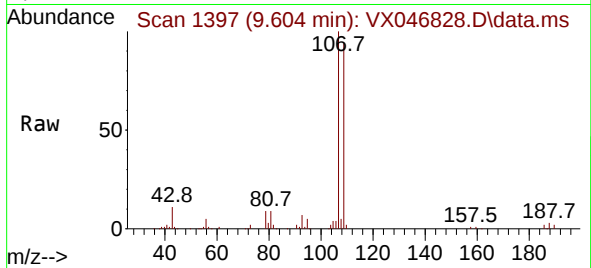
Tgt Ion:129 Resp: 97880
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 47.074 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

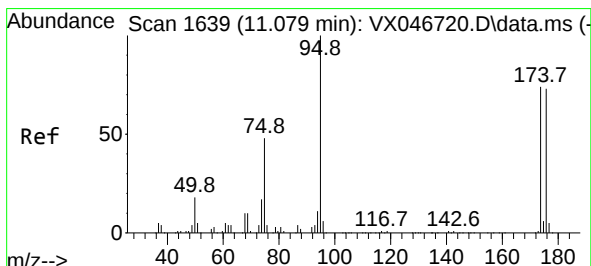
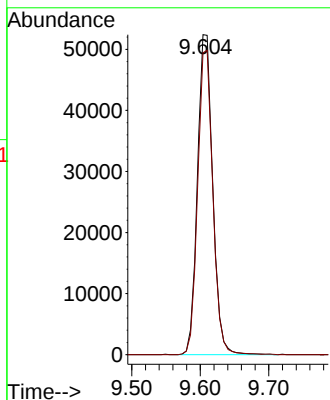
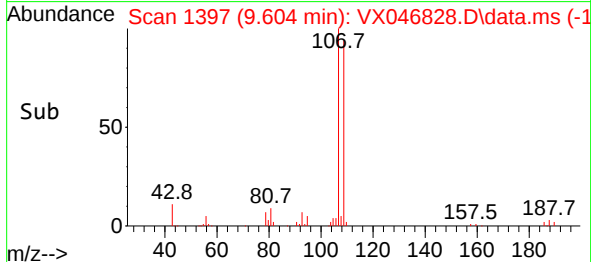
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



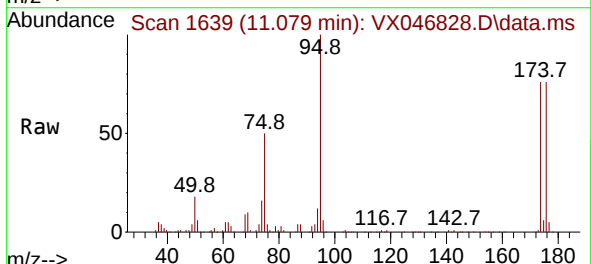
Tgt Ion:107 Resp: 81490
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.6

Manual Integrations
APPROVED

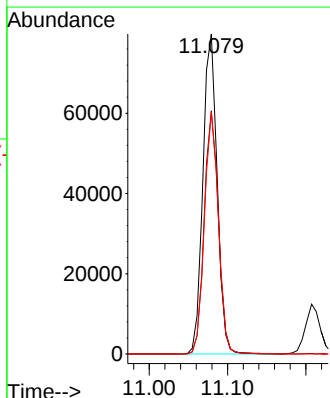
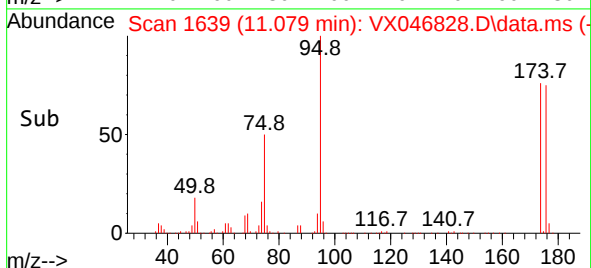
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

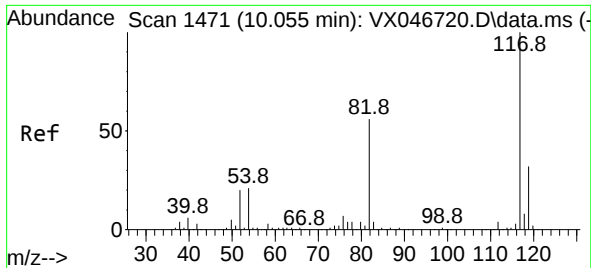


#62
4-Bromofluorobenzene
Concen: 43.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



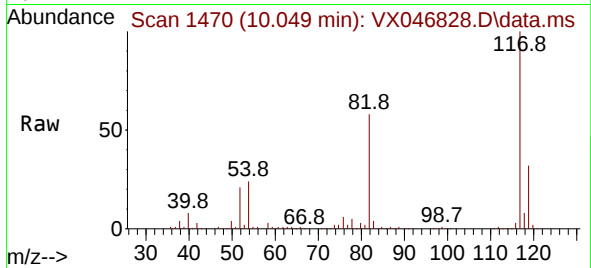
Tgt Ion: 95 Resp: 100695
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 74.3 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

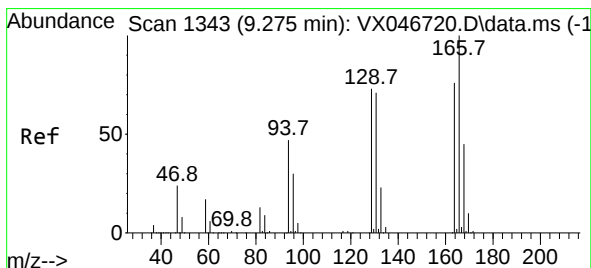
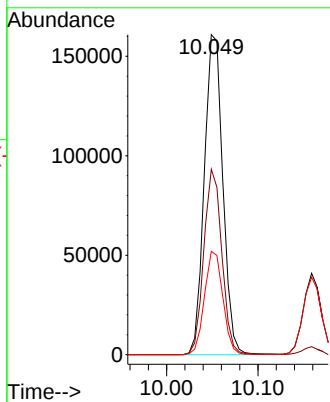
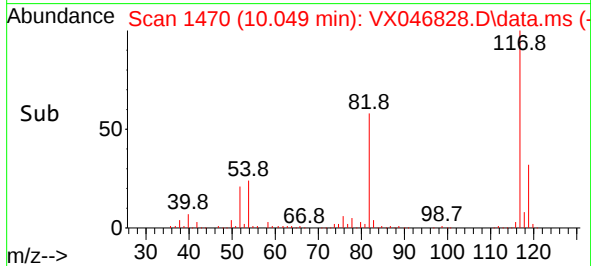
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 22636
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 32.3 25.8 38.8

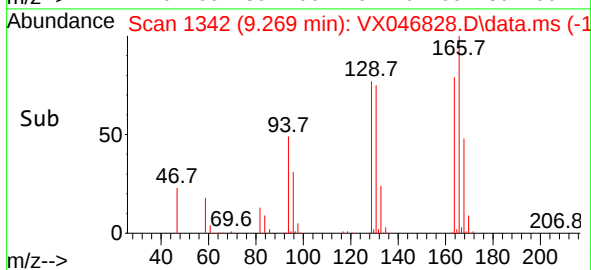
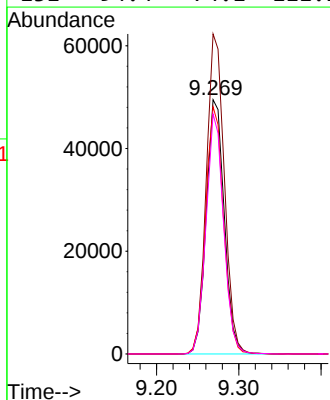
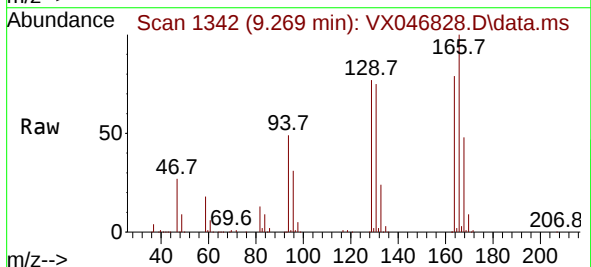
Manual Integrations
APPROVED

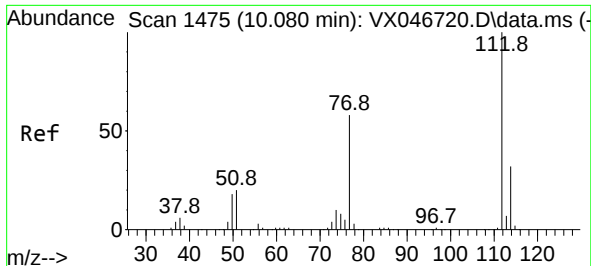
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#64
Tetrachloroethene
Concen: 48.015 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

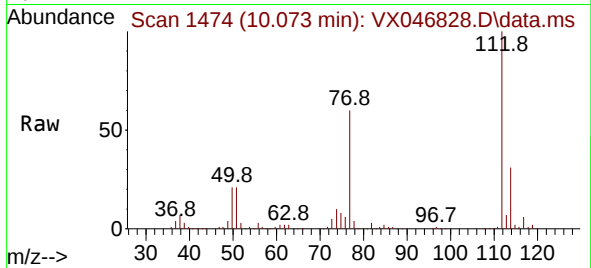
Tgt Ion:164 Resp: 75302
Ion Ratio Lower Upper
164 100
166 125.9 104.6 157.0
129 97.3 76.3 114.5
131 94.4 74.1 111.1





#65
Chlorobenzene
Concen: 48.289 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

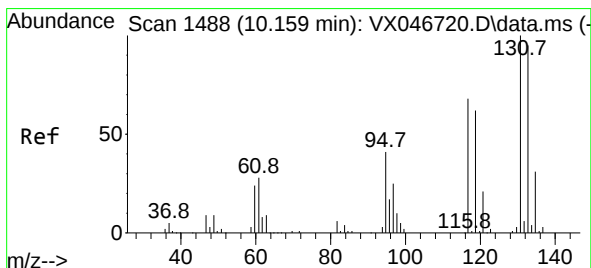
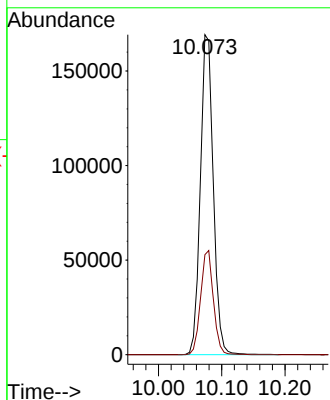
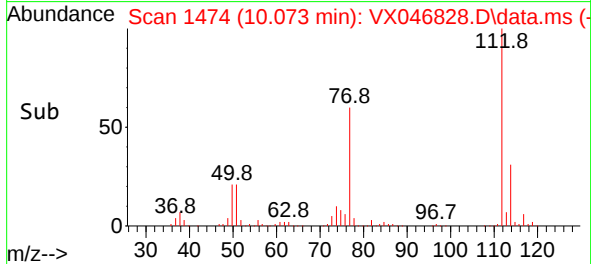
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



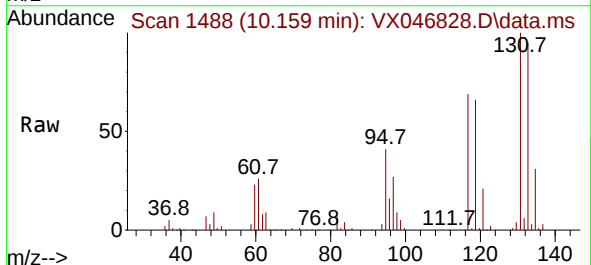
Tgt Ion:112 Resp: 24129
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3

Manual Integrations
APPROVED

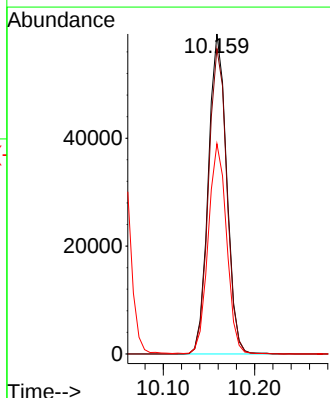
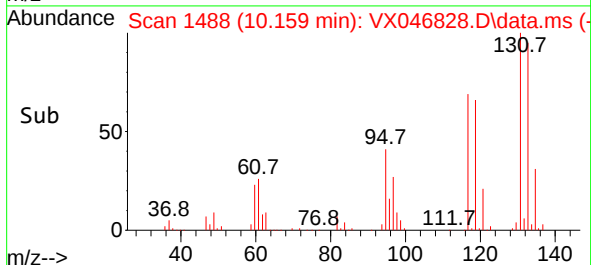
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

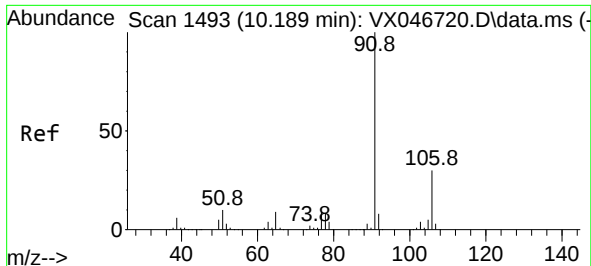


#66
1,1,1,2-Tetrachloroethane
Concen: 49.058 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion:131 Resp: 82386
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 66.0 32.1 96.3





#67

Ethyl Benzene

Concen: 48.050 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 419510

Ion Ratio Lower Upper

91 100

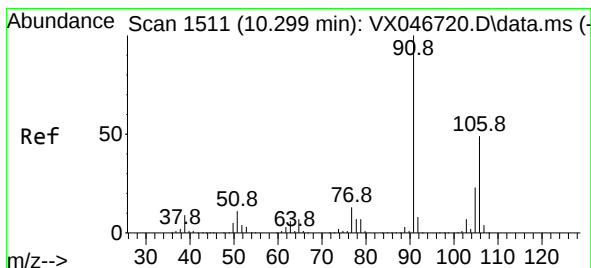
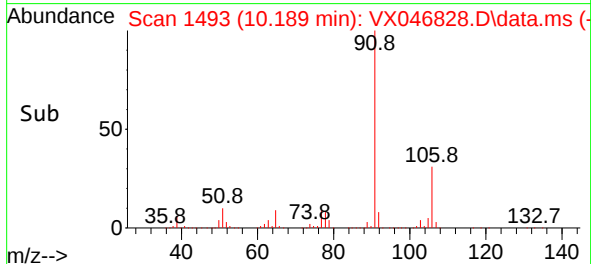
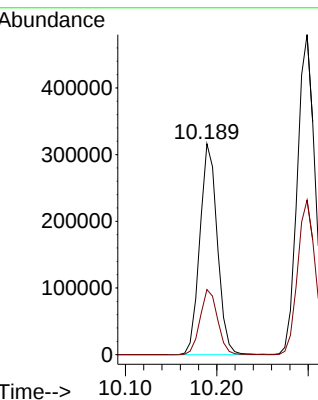
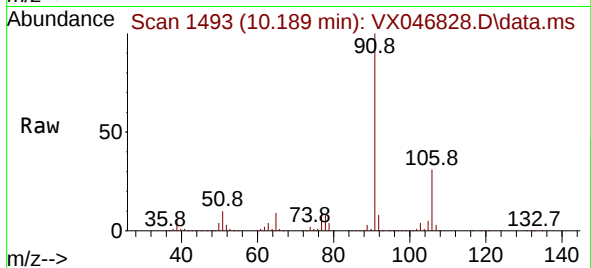
106 30.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#68

m/p-Xylenes

Concen: 97.470 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046828.D

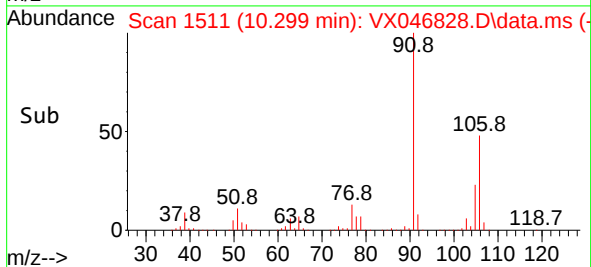
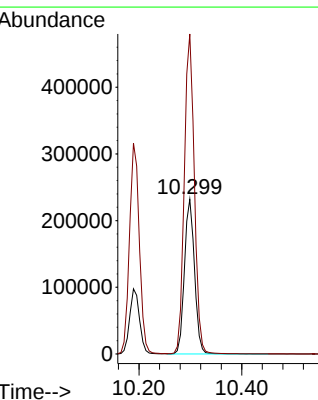
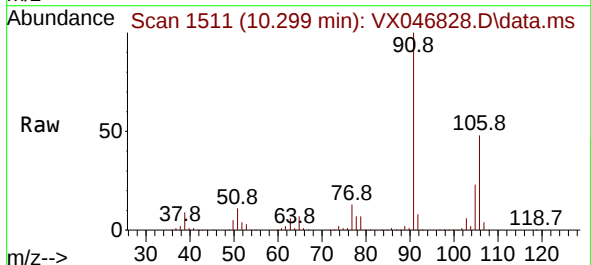
Acq: 30 Jun 2025 09:10

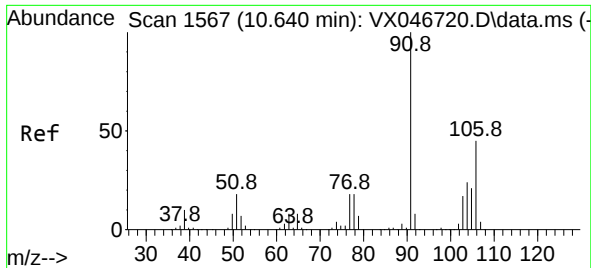
Tgt Ion:106 Resp: 317089

Ion Ratio Lower Upper

106 100

91 206.5 164.8 247.2





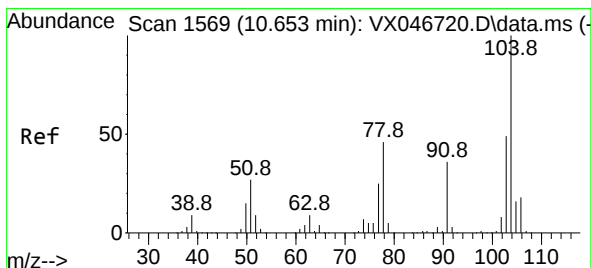
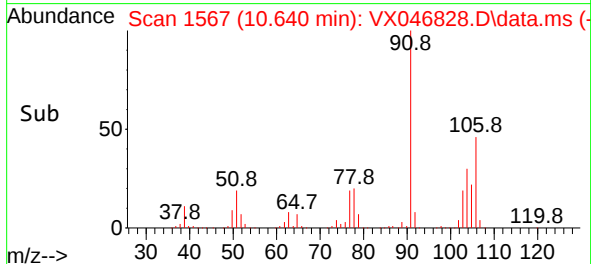
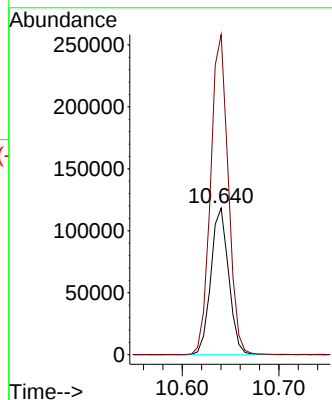
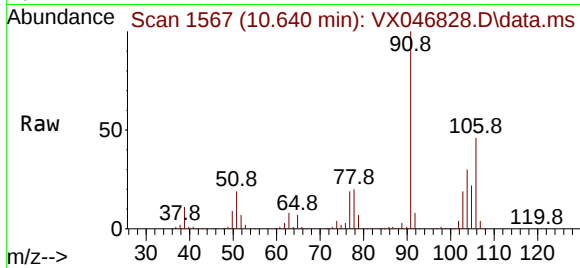
#69
o-Xylene
Concen: 49.668 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 151428
Ion Ratio Lower Upper
106 100
91 217.2 111.3 333.9

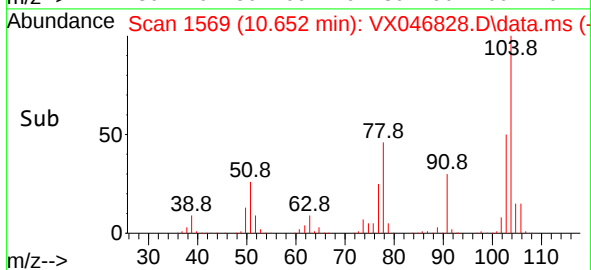
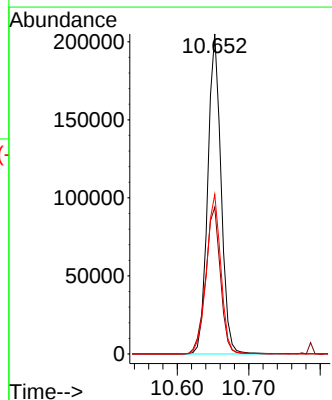
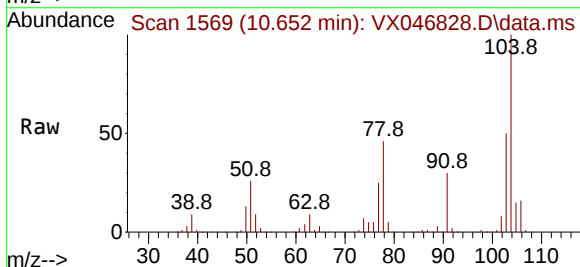
Manual Integrations
APPROVED

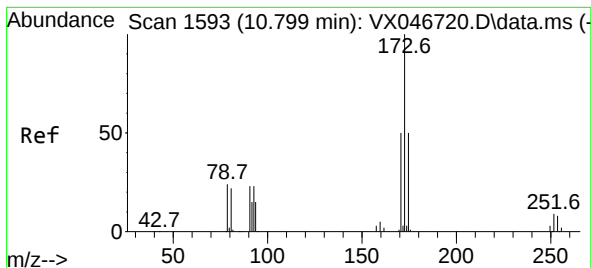
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#70
Styrene
Concen: 49.653 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

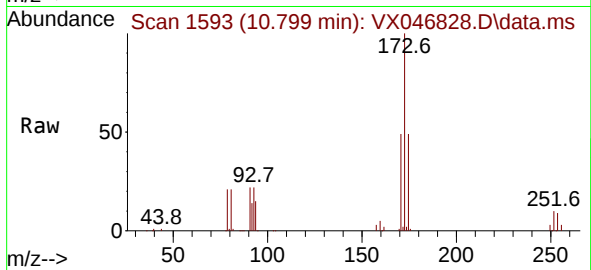
Tgt Ion:104 Resp: 264924
Ion Ratio Lower Upper
104 100
78 51.1 41.4 62.2
103 54.1 43.1 64.7





#71
Bromoform
Concen: 47.494 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

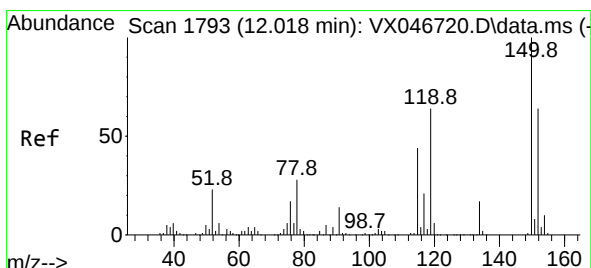
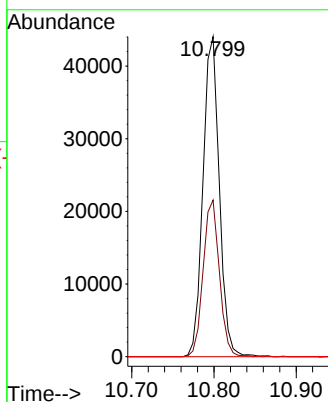
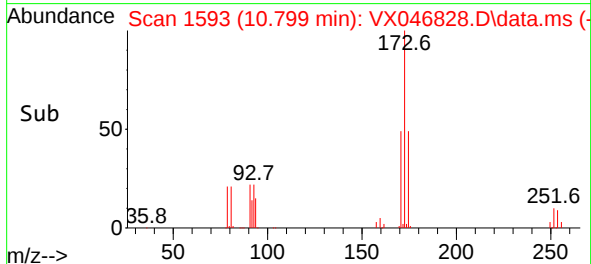
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



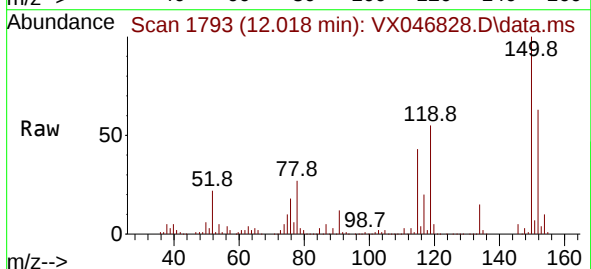
Tgt Ion:173 Resp: 6074
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.1 0.1

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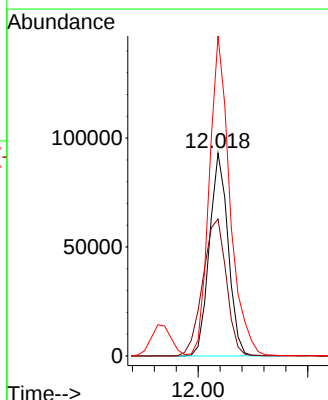
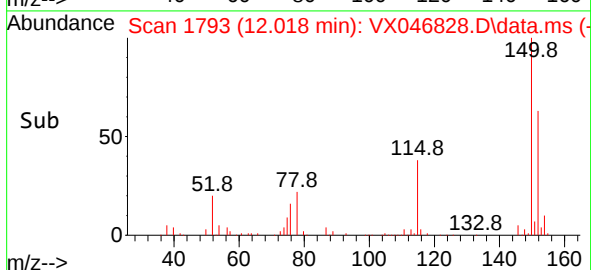
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

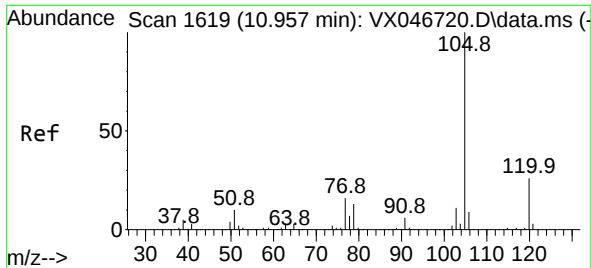


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion:152 Resp: 110471
Ion Ratio Lower Upper
152 100
115 85.1 43.2 129.6
150 172.7 0.0 346.8





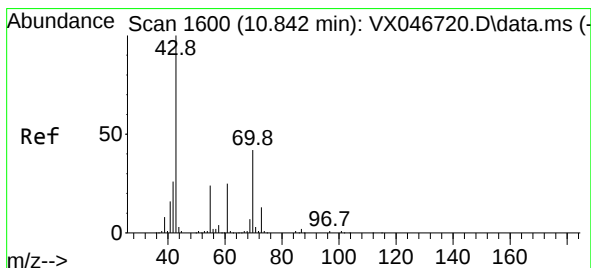
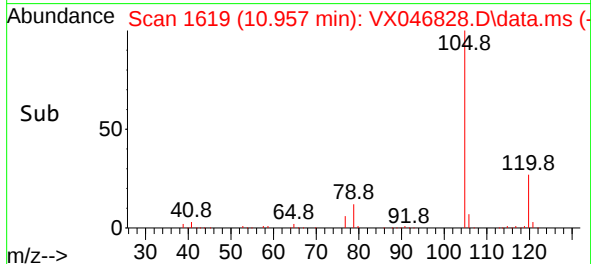
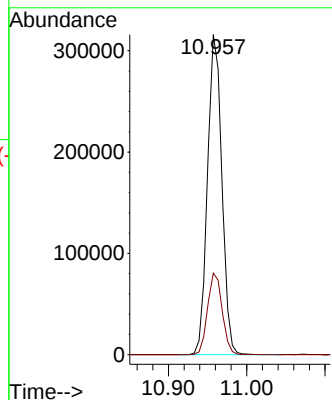
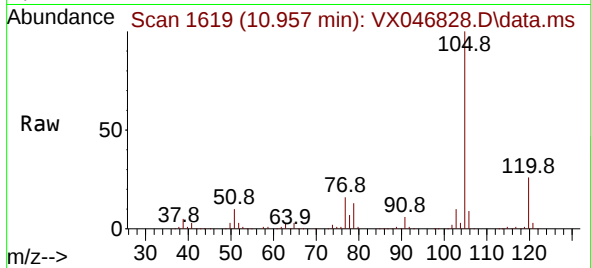
#73
Isopropylbenzene
Concen: 49.320 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 40127
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

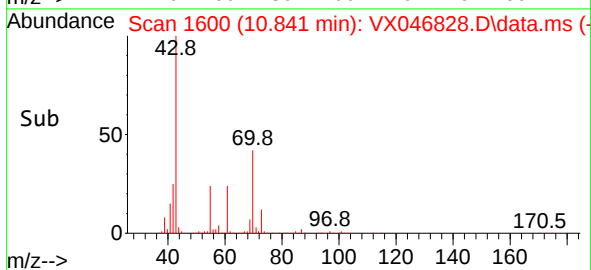
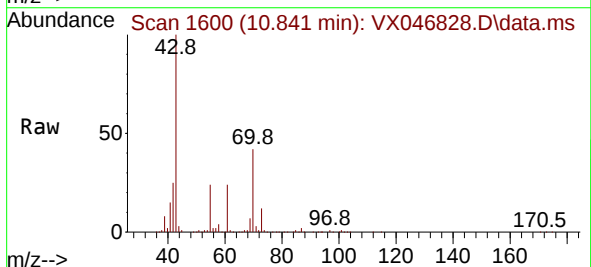
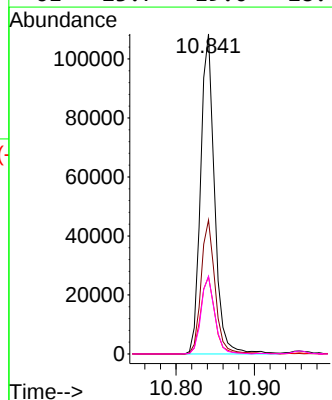
Manual Integrations
APPROVED

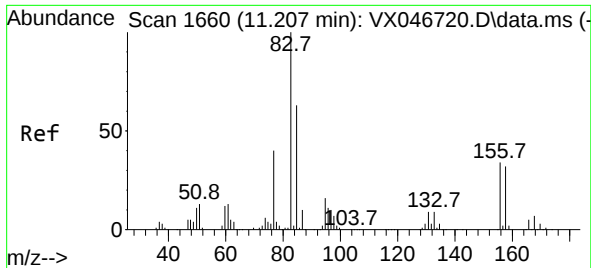
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#74
N-ethyl acetate
Concen: 43.680 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 43 Resp: 134649
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.0
55 24.6 19.1 28.7
61 23.7 19.0 28.4





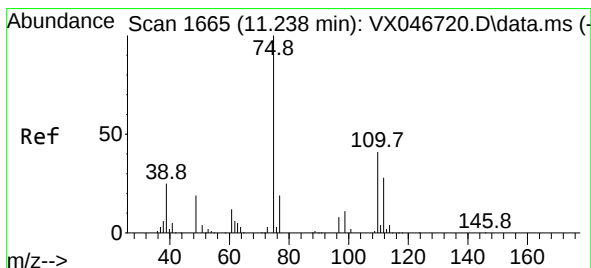
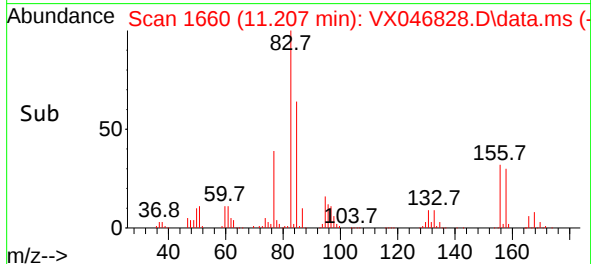
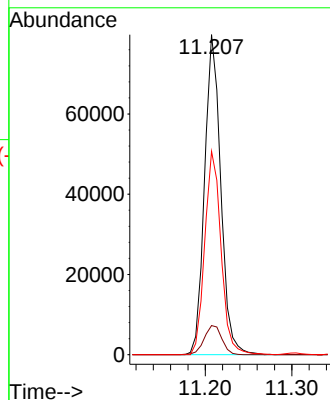
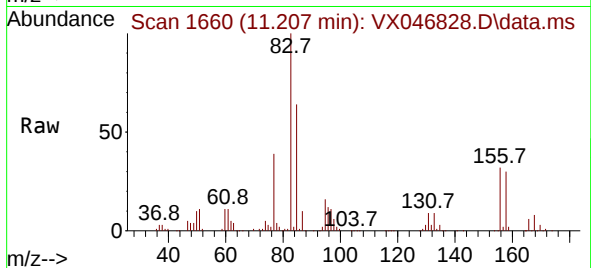
#75
1,1,2,2-Tetrachloroethane
Concen: 45.575 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 103538
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 64.0 32.0 96.0

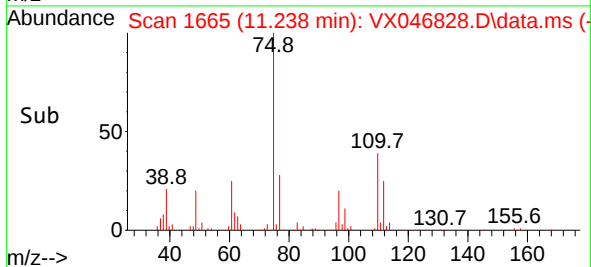
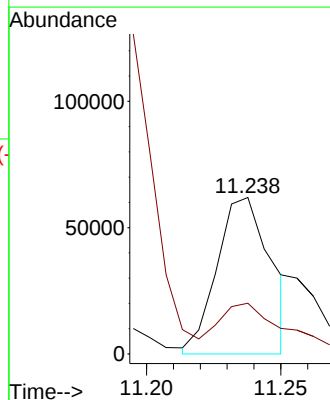
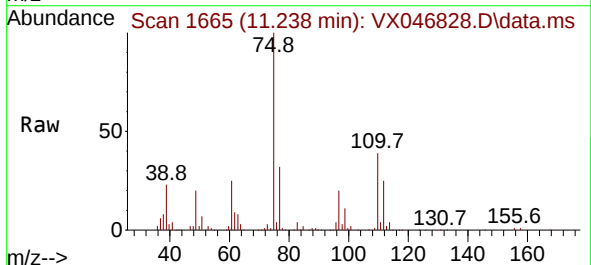
Manual Integrations
APPROVED

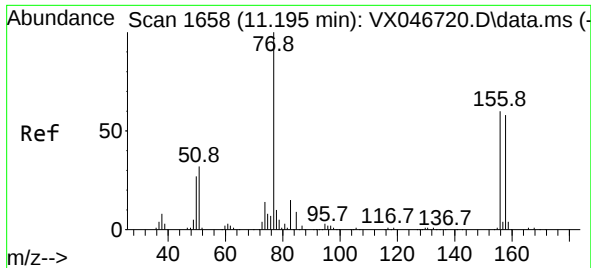
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#76
1,2,3-Trichloropropane
Concen: 42.536 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 75 Resp: 86063
Ion Ratio Lower Upper
75 100
77 40.6 18.5 55.5





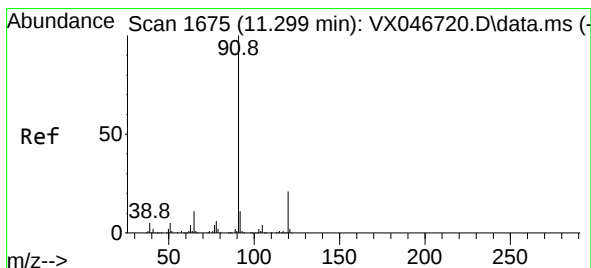
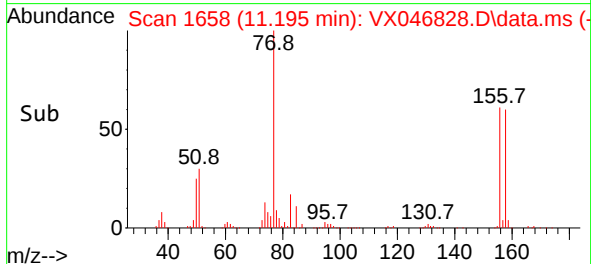
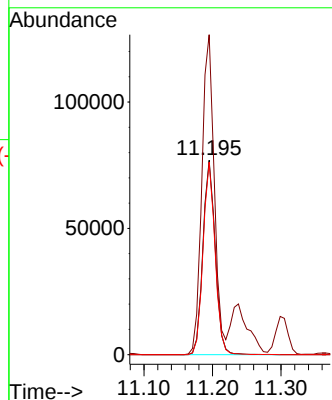
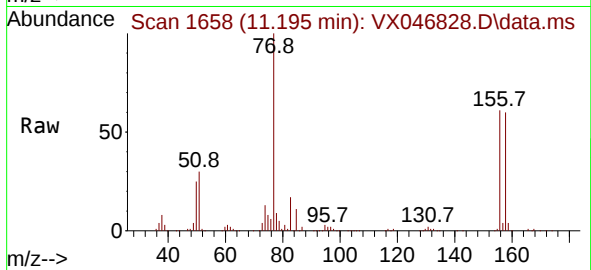
#77
Bromobenzene
Concen: 49.338 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 96598
Ion Ratio Lower Upper
156 100
77 166.3 82.8 248.6
158 96.8 47.6 142.9

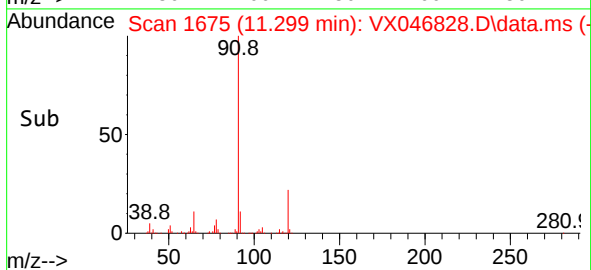
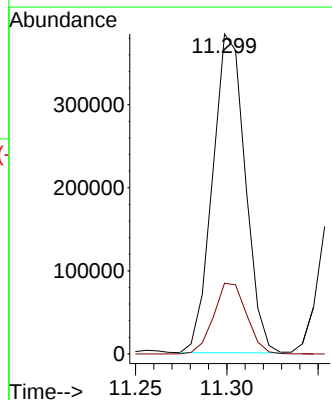
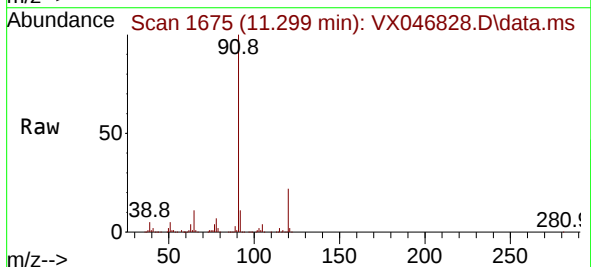
Manual Integrations
APPROVED

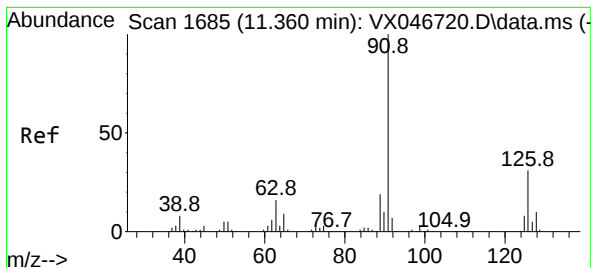
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#78
n-propylbenzene
Concen: 49.428 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion: 91 Resp: 477665
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





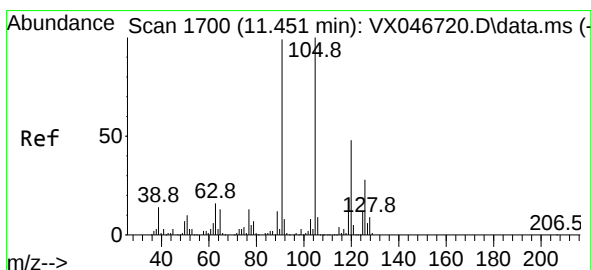
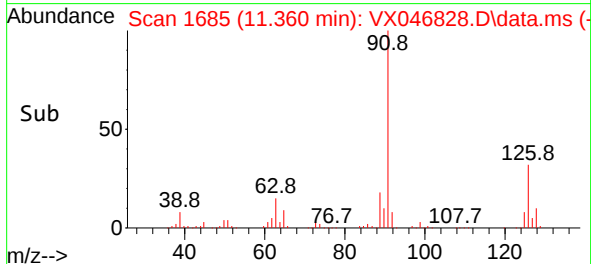
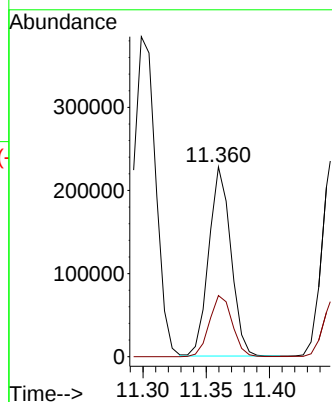
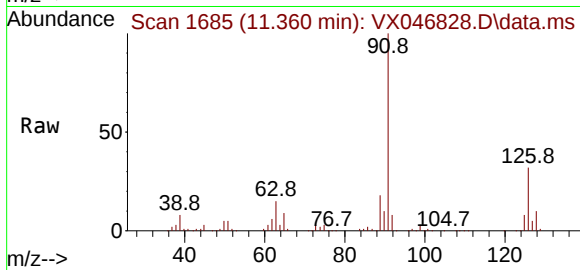
#79
2-Chlorotoluene
Concen: 48.010 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 277009
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

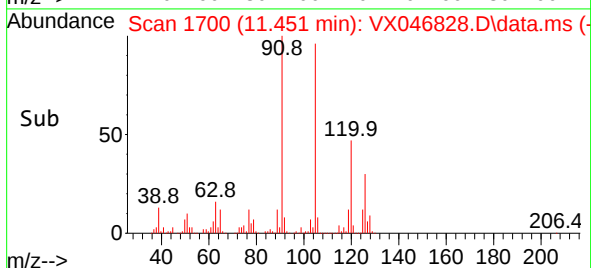
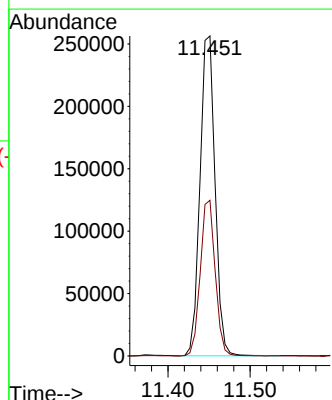
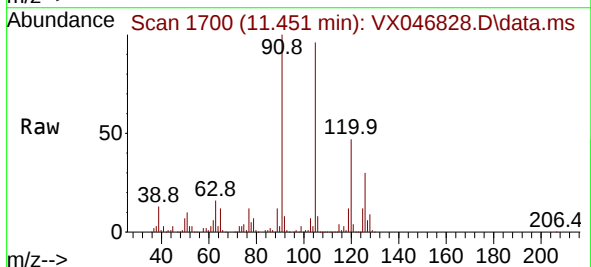
Manual Integrations
APPROVED

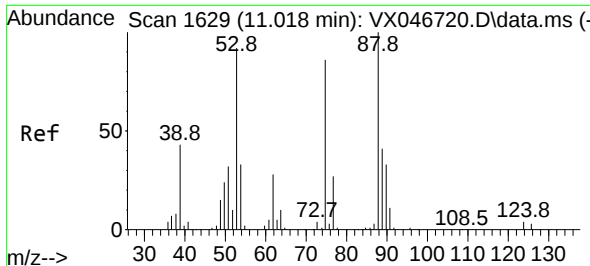
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.809 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Tgt Ion:105 Resp: 326340
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.2





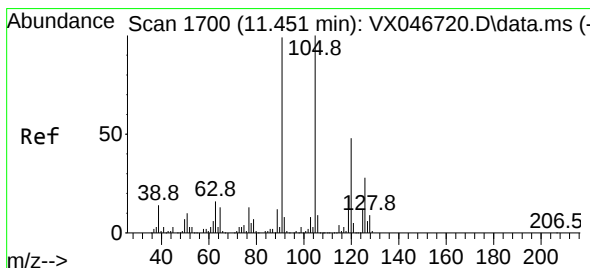
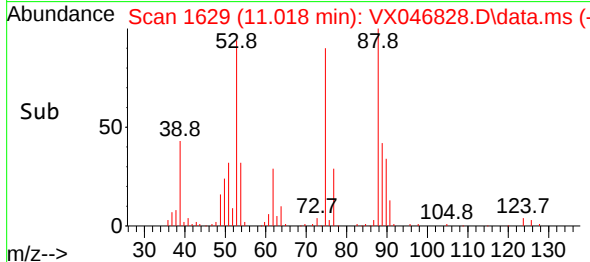
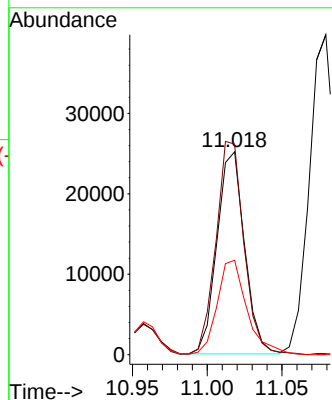
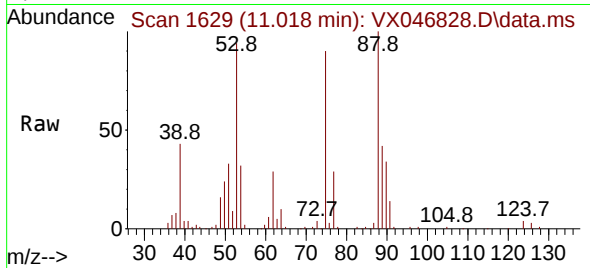
#81
trans-1,4-Dichloro-2-butene
Concen: 45.001 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3221
Ion Ratio Lower Upper
75 100
53 107.4 86.8 130.2
89 50.7 36.9 55.3

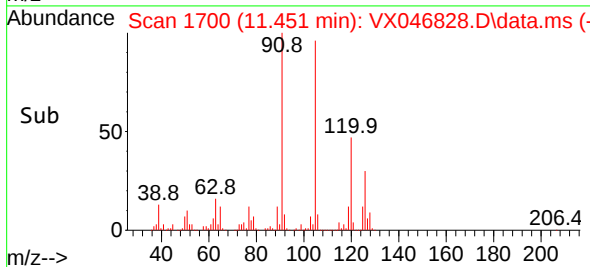
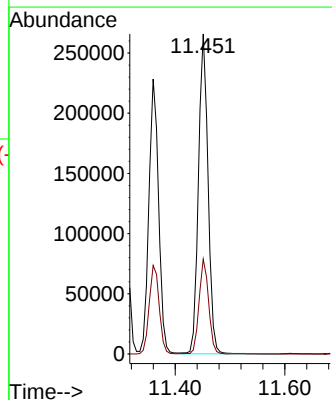
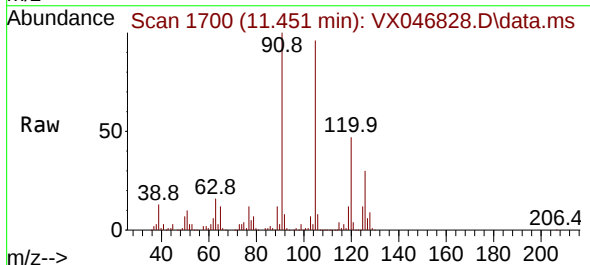
Manual Integrations
APPROVED

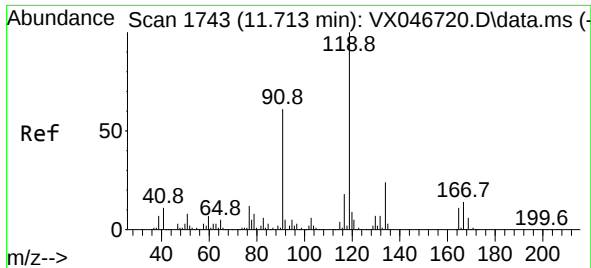
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#82
4-Chlorotoluene
Concen: 48.203 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

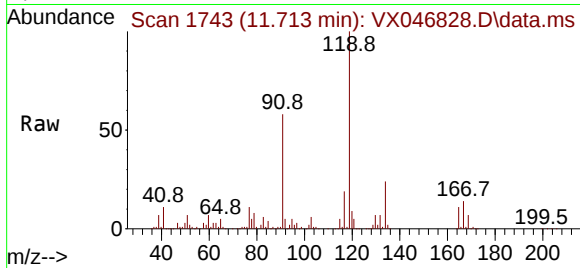
Tgt Ion: 91 Resp: 324589
Ion Ratio Lower Upper
91 100
126 29.5 14.4 43.2





#83
tert-Butylbenzene
Concen: 48.286 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

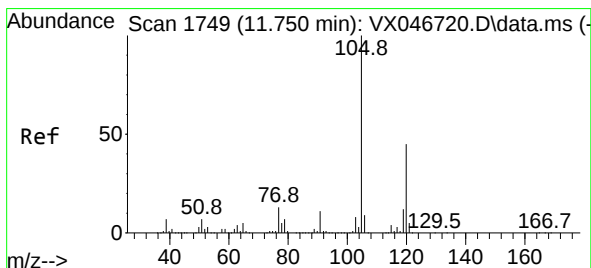
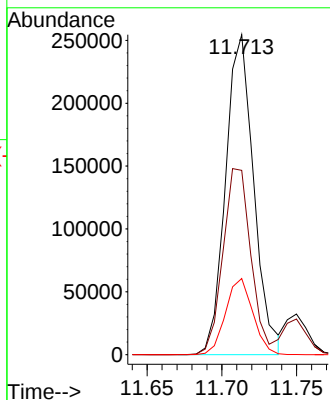
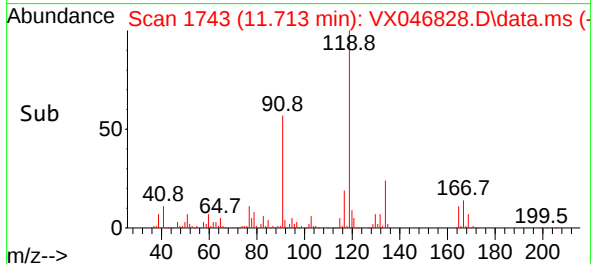
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



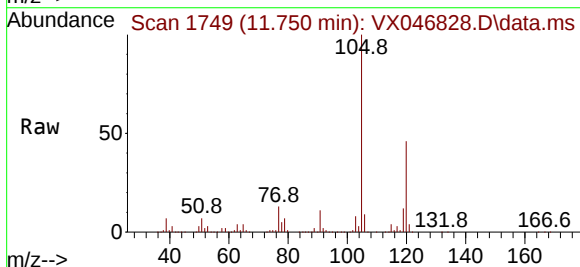
Tgt Ion:119 Resp: 333710
Ion Ratio Lower Upper
119 100
91 57.4 29.5 88.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

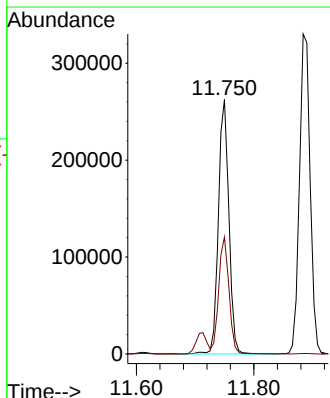
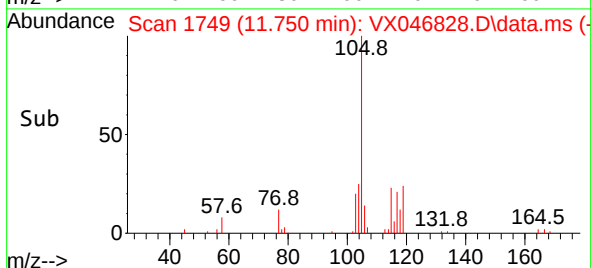
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

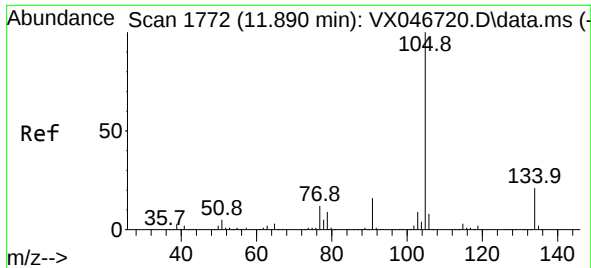


#84
1,2,4-Trimethylbenzene
Concen: 48.210 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



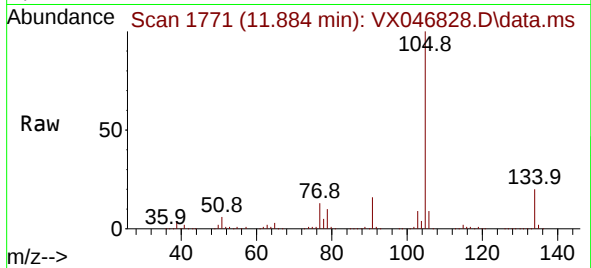
Tgt Ion:105 Resp: 323848
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3





#85
sec-Butylbenzene
Concen: 47.720 ug/l
RT: 11.884 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

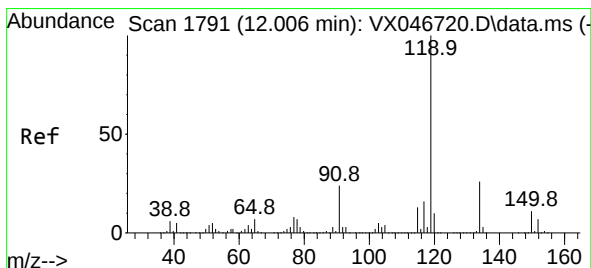
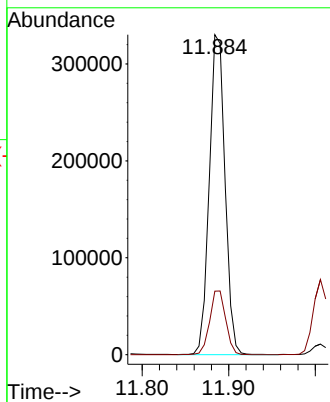
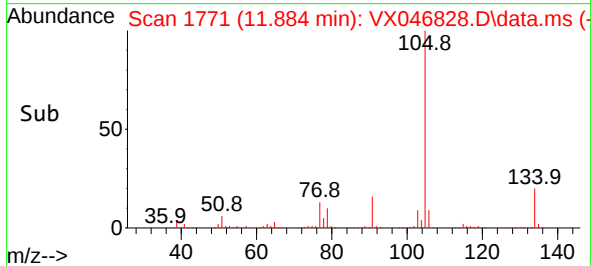
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



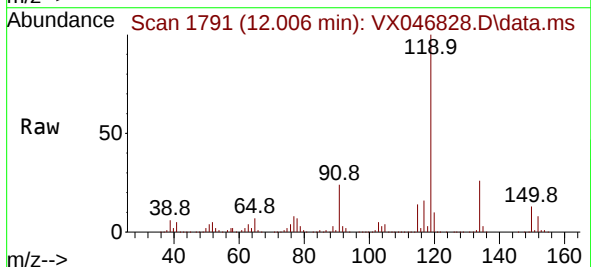
Tgt Ion:105 Resp: 41680
Ion Ratio Lower Upper
105 100
134 20.2 9.8 29.4

Manual Integrations
APPROVED

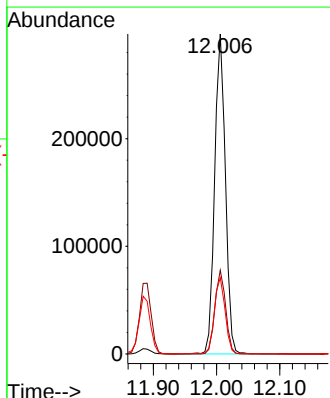
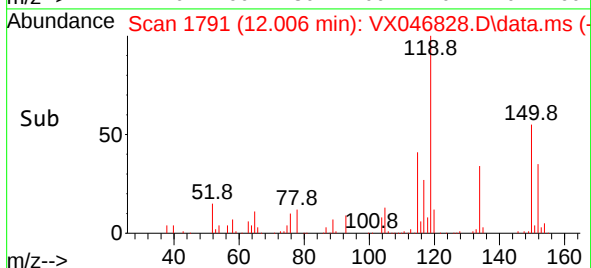
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

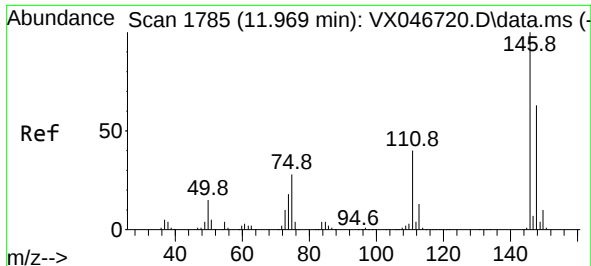


#86
p-Isopropyltoluene
Concen: 47.467 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion:119 Resp: 349816
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.7
91 23.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 46.886 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 17898

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

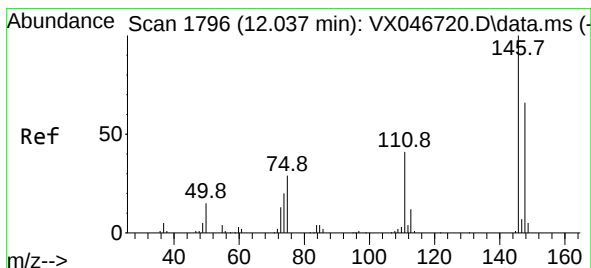
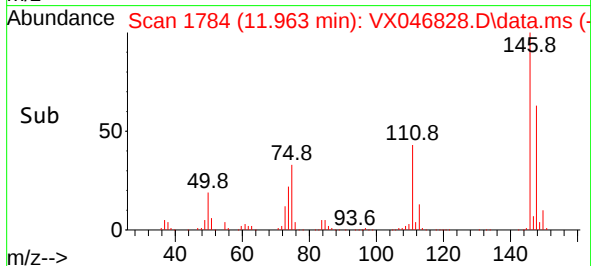
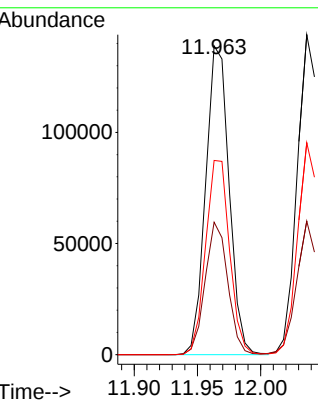
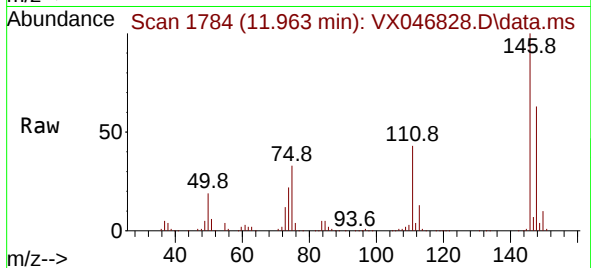
148 64.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2025

Supervised By :Mahesh Dadoda 07/01/2025



#88

1,4-Dichlorobenzene

Concen: 45.557 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046828.D

Acq: 30 Jun 2025 09:10

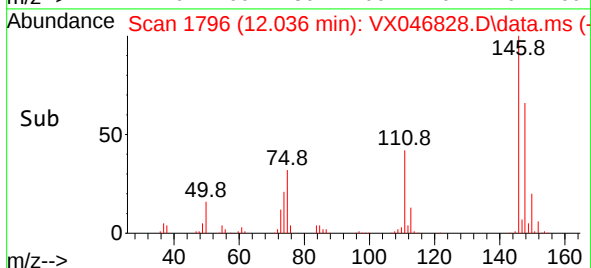
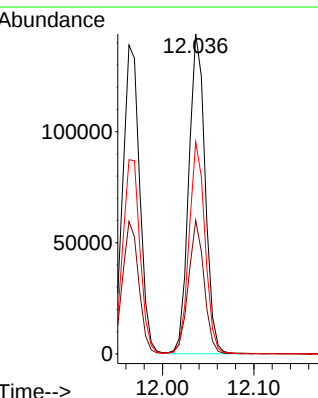
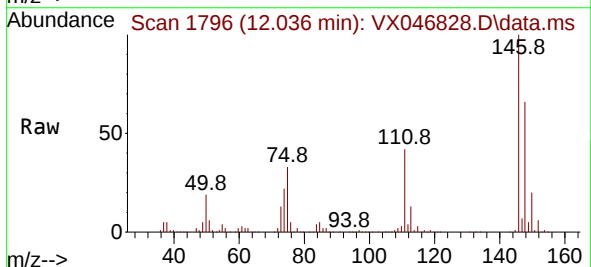
Tgt Ion:146 Resp: 178637

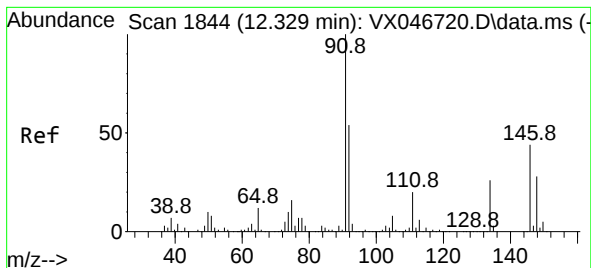
Ion Ratio Lower Upper

146 100

111 40.1 20.3 61.0

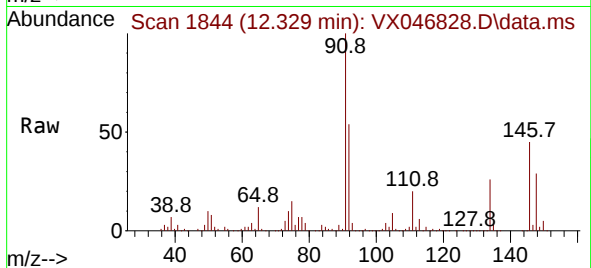
148 64.8 32.1 96.5





#89
n-Butylbenzene
Concen: 46.744 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

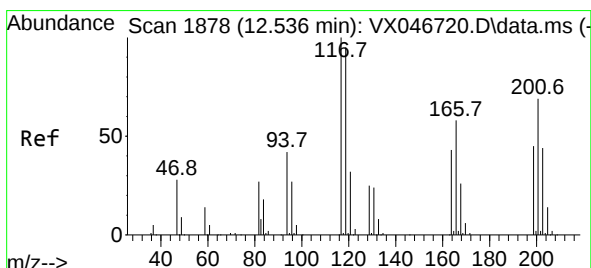
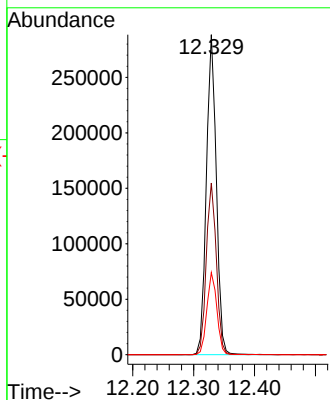
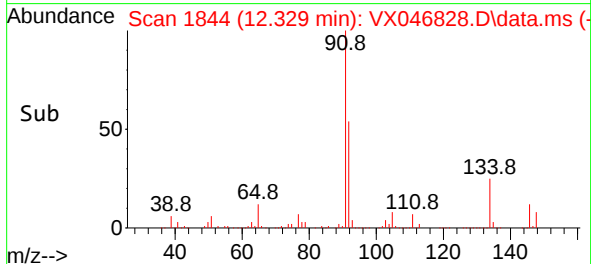
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 327079
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 25.9 12.9 38.6

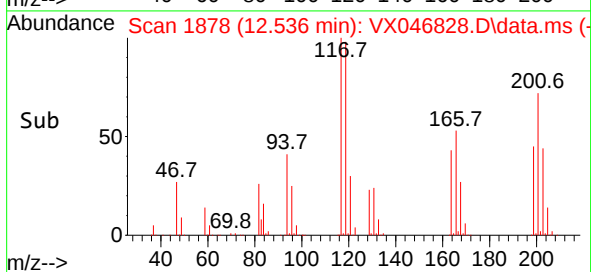
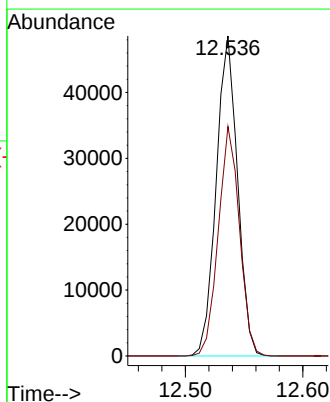
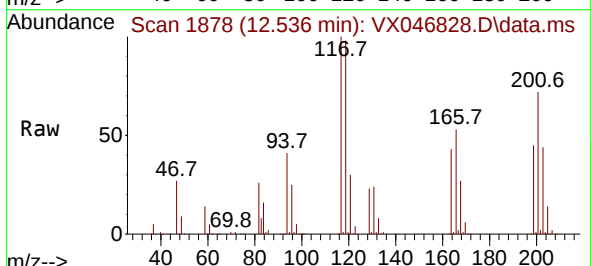
Manual Integrations
APPROVED

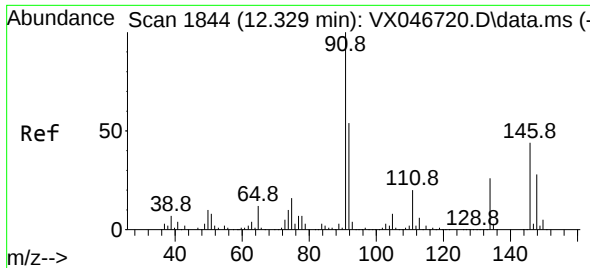
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025



#90
Hexachloroethane
Concen: 47.577 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

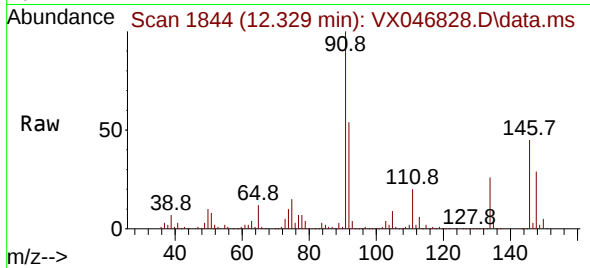
Tgt Ion:117 Resp: 61399
Ion Ratio Lower Upper
117 100
201 71.1 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 47.174 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

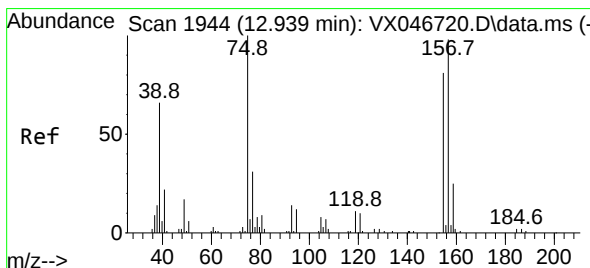
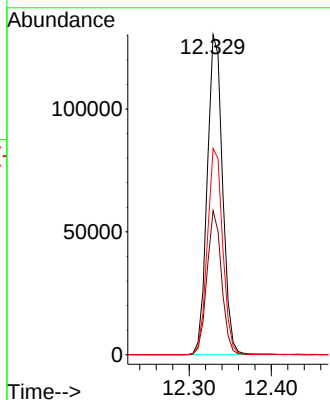
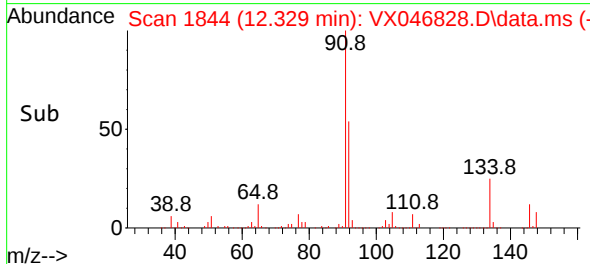
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



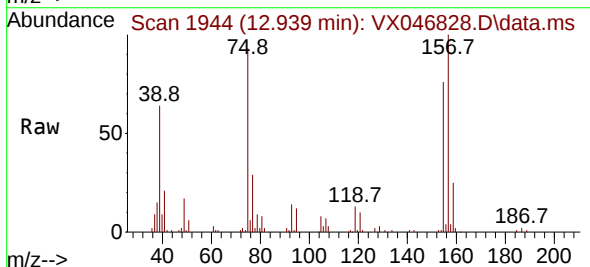
Tgt Ion:146 Resp: 16829
Ion Ratio Lower Upper
146 100
111 43.0 21.7 65.1
148 64.8 32.0 96.2

Manual Integrations
APPROVED

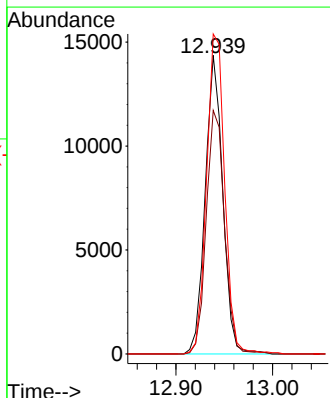
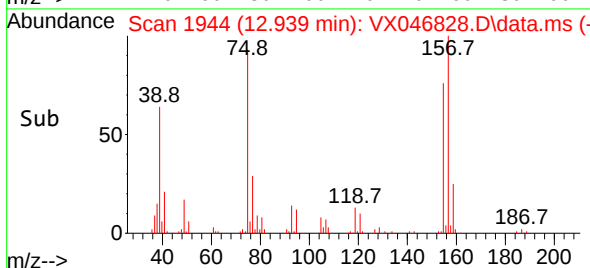
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

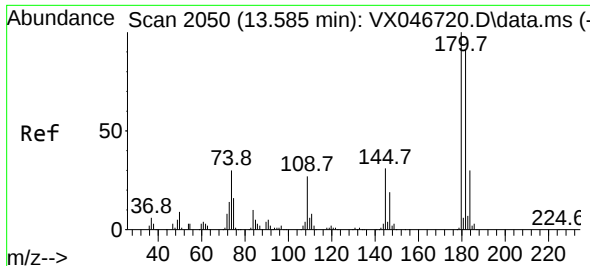


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.463 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



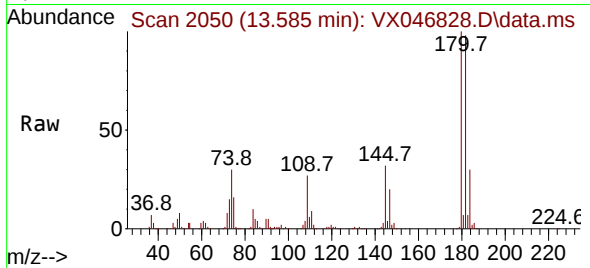
Tgt Ion: 75 Resp: 18148
Ion Ratio Lower Upper
75 100
155 84.9 41.9 125.7
157 111.1 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 46.235 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

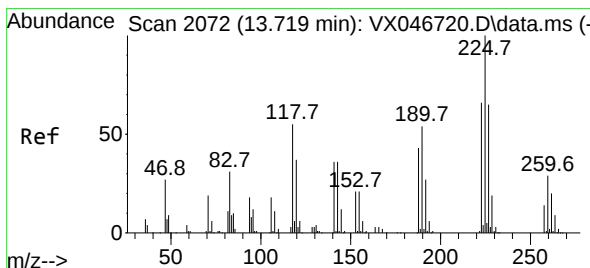
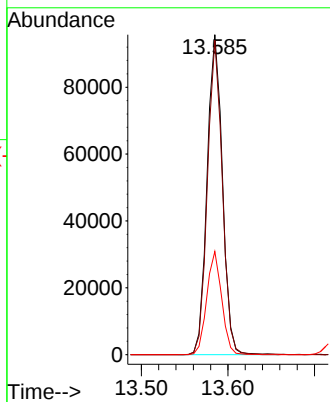
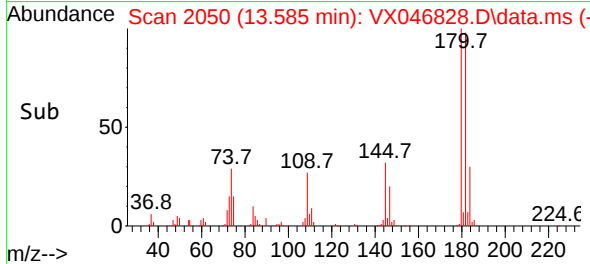
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



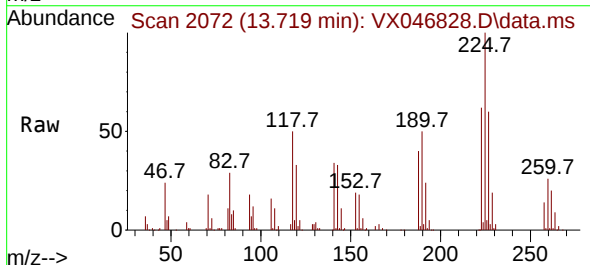
Tgt Ion:180 Resp: 117264
Ion Ratio Lower Upper
180 100
182 95.4 46.7 140.1
145 31.5 15.8 47.4

Manual Integrations
APPROVED

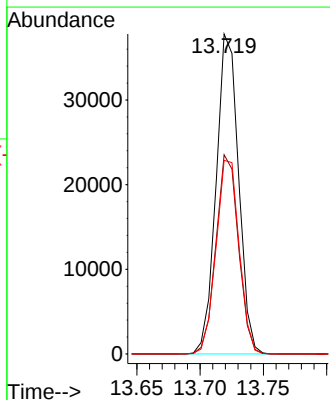
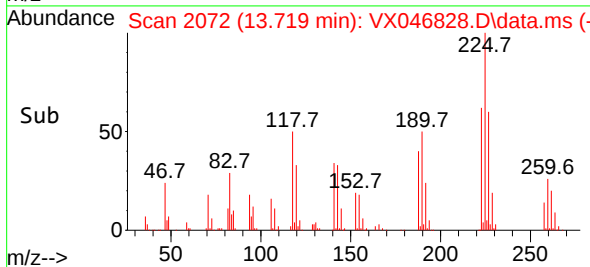
Reviewed By :John Carlone 07/01/2025
Supervised By :Mahesh Dadoda 07/01/2025

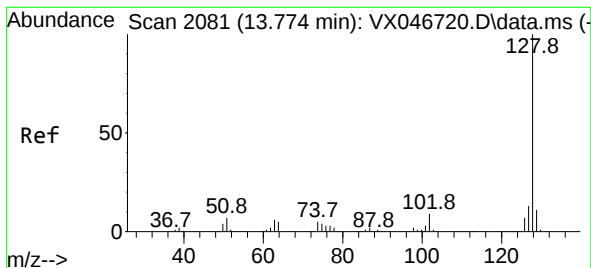


#94
Hexachlorobutadiene
Concen: 43.520 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



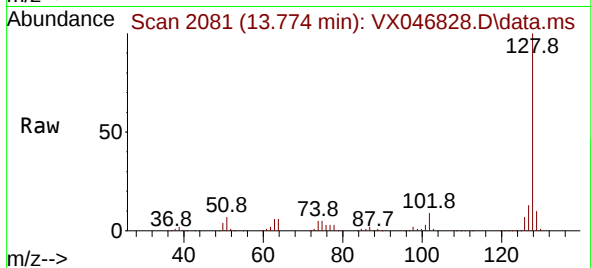
Tgt Ion:225 Resp: 46432
Ion Ratio Lower Upper
225 100
223 62.5 32.5 97.5
227 62.6 32.2 96.6





#95
Naphthalene
Concen: 43.971 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10

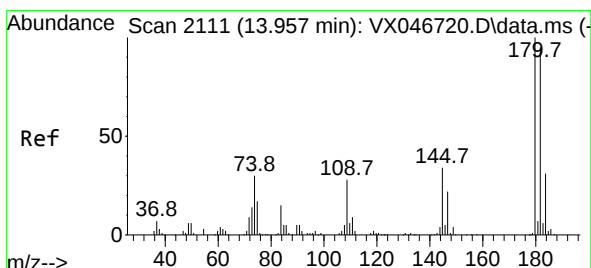
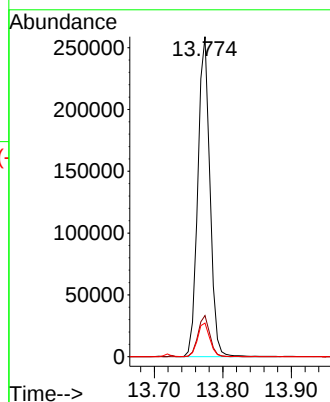
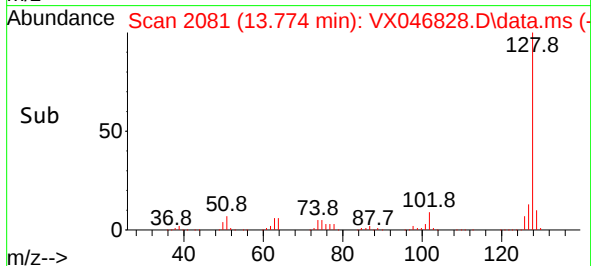
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



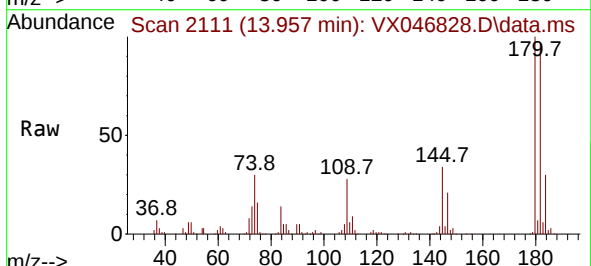
Tgt Ion:128 Resp: 31772
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.136 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046828.D
Acq: 30 Jun 2025 09:10



Tgt Ion:180 Resp: 111945
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 33.4 17.3 51.9

