

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046584.D
 Acq On : 09 Jun 2025 16:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

Quant Time: Jun 10 01:46:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	60364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	102591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	31352	29.194	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	58.380%#		
35) Dibromofluoromethane	5.397	113	22968	30.443	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	60.880%#		
50) Toluene-d8	8.652	98	77151	31.018	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	62.040%#		
62) 4-Bromofluorobenzene	11.079	95	32723	31.797	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	63.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	17603	21.005	ug/l	98
3) Chloromethane	1.306	50	16881	22.130	ug/l	98
4) Vinyl Chloride	1.386	62	17333	22.795	ug/l	98
5) Bromomethane	1.629	94	11099	24.043	ug/l	100
6) Chloroethane	1.703	64	11044	22.385	ug/l	98
7) Trichlorofluoromethane	1.910	101	28130	22.359	ug/l	97
8) Diethyl Ether	2.148	74	9616	21.632	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	17071	21.537	ug/l	96
10) Methyl Iodide	2.471	142	20547	23.913	ug/l	99
11) Tert butyl alcohol	2.958	59	10310	86.517	ug/l	99
12) 1,1-Dichloroethene	2.337	96	16151	22.536	ug/l	95
13) Acrolein	2.251	56	13314	111.296	ug/l	97
14) Allyl chloride	2.678	41	31781	22.580	ug/l	95
15) Acrylonitrile	3.074	53	52209	115.874	ug/l	99
16) Acetone	2.385	43	42433	103.363	ug/l	94
17) Carbon Disulfide	2.532	76	33062	21.841	ug/l	98
18) Methyl Acetate	2.715	43	29785	23.284	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	57624	22.979	ug/l	97
20) Methylene Chloride	2.806	84	20147	23.384	ug/l	90
21) trans-1,2-Dichloroethene	3.111	96	16760	22.098	ug/l	96
22) Diisopropyl ether	3.769	45	64497	23.243	ug/l #	56
23) Vinyl Acetate	3.733	43	244371	114.064	ug/l	99
24) 1,1-Dichloroethane	3.623	63	36254	23.442	ug/l	98
25) 2-Butanone	4.568	43	60816	101.726	ug/l	98
26) 2,2-Dichloropropane	4.489	77	22496	19.594	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	21833	23.385	ug/l	95
28) Bromochloromethane	4.909	49	22984	31.159	ug/l	99
29) Tetrahydrofuran	5.019	42	38626	102.305	ug/l	98
30) Chloroform	5.110	83	39142	24.155	ug/l	94
31) Cyclohexane	5.482	56	27864	22.318	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	32086	23.148	ug/l	96
36) 1,1-Dichloropropene	5.702	75	22936	21.283	ug/l	97
37) Ethyl Acetate	4.732	43	25181	23.941	ug/l	98
38) Carbon Tetrachloride	5.690	117	27437	22.730	ug/l	95
39) Methylcyclohexane	7.384	83	27077	21.287	ug/l	98
40) Benzene	6.049	78	72742	23.977	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	14799	22.658	ug/l	94
42) 1,2-Dichloroethane	6.098	62	30253	23.969	ug/l	98
43) Isopropyl Acetate	6.348	43	40797	22.249	ug/l	99
44) Trichloroethene	7.134	130	17319	22.467	ug/l	98
45) 1,2-Dichloropropane	7.433	63	18973	24.228	ug/l	94
46) Dibromomethane	7.586	93	14165	24.045	ug/l	97
47) Bromodichloromethane	7.823	83	29314	24.200	ug/l	94
48) Methyl methacrylate	7.701	41	20211	21.423	ug/l	97
49) 1,4-Dioxane	7.665	88	4845	384.026	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	131201	112.598	ug/l	100
52) Toluene	8.720	92	45634	24.484	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	25432	23.417	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	27697	22.937	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	18729	25.031	ug/l	98
56) Ethyl methacrylate	9.116	69	27507	23.889	ug/l	92
57) 1,3-Dichloropropane	9.311	76	32923	24.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	47974	76.491	ug/l	98
59) 2-Hexanone	9.433	43	90734	108.575	ug/l	99
60) Dibromochloromethane	9.524	129	21426	24.344	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18493	23.718	ug/l	97
64) Tetrachloroethene	9.274	164	14216	22.890	ug/l	97
65) Chlorobenzene	10.079	112	51047	23.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	17736	24.028	ug/l	100
67) Ethyl Benzene	10.195	91	88252	23.143	ug/l	97
68) m/p-Xylenes	10.299	106	65030	47.011	ug/l	99
69) o-Xylene	10.640	106	31749	23.729	ug/l	99
70) Styrene	10.658	104	54864	23.954	ug/l	97
71) Bromoform	10.798	173	12393	22.020	ug/l #	92
73) Isopropylbenzene	10.963	105	85761	22.064	ug/l	100
74) N-amyl acetate	10.841	43	35287	20.615	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28065	22.557	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	22372m	21.361	ug/l	
77) Bromobenzene	11.195	156	20654	22.893	ug/l	98
78) n-propylbenzene	11.304	91	103691	22.040	ug/l	99
79) 2-Chlorotoluene	11.365	91	63166	22.265	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	72770	22.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6762	18.624	ug/l	97
82) 4-Chlorotoluene	11.457	91	74236	22.076	ug/l	96
83) tert-Butylbenzene	11.713	119	72660	22.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	73353	22.386	ug/l	100
85) sec-Butylbenzene	11.890	105	94058	22.200	ug/l	100
86) p-Isopropyltoluene	12.006	119	75927	21.497	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	39285	22.423	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	40325	22.213	ug/l	99
89) n-Butylbenzene	12.329	91	73847	21.290	ug/l	100
90) Hexachloroethane	12.536	117	13098	20.864	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	39513	23.365	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	5476	19.655	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	24645	21.363	ug/l	99
94) Hexachlorobutadiene	13.725	225	10968	20.458	ug/l	97
95) Naphthalene	13.774	128	76750	20.979	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	24652	21.311	ug/l	99

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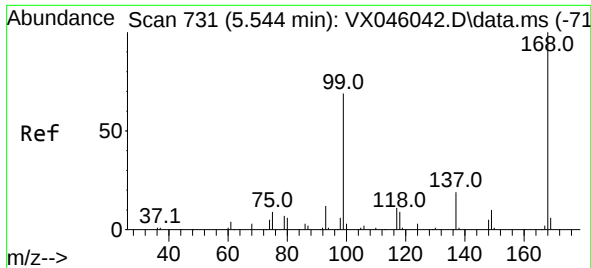
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



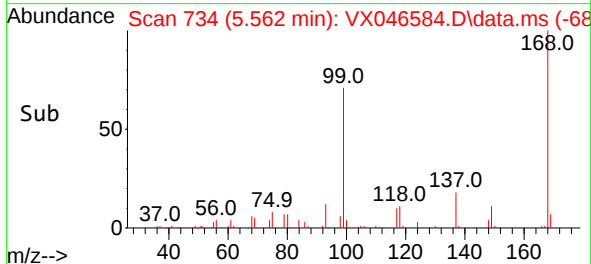
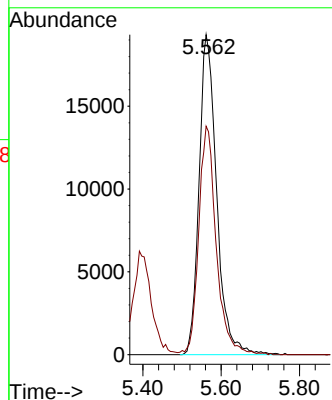
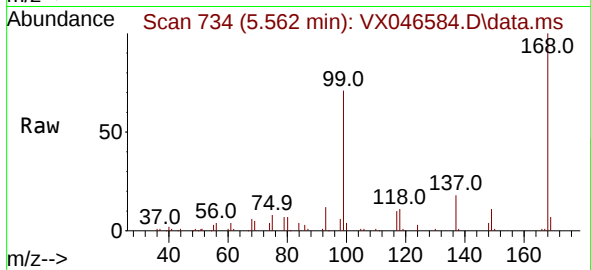
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 60364
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

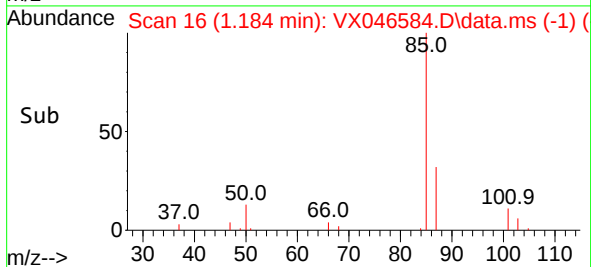
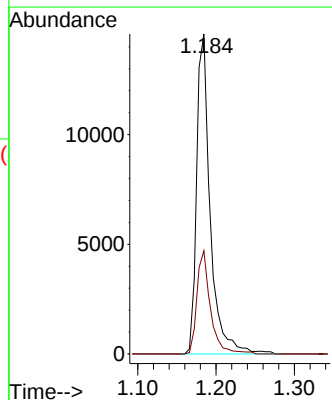
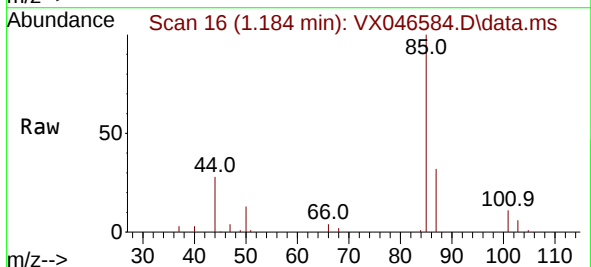
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#2
Dichlorodifluoromethane
Concen: 21.005 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 85 Resp: 17603
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





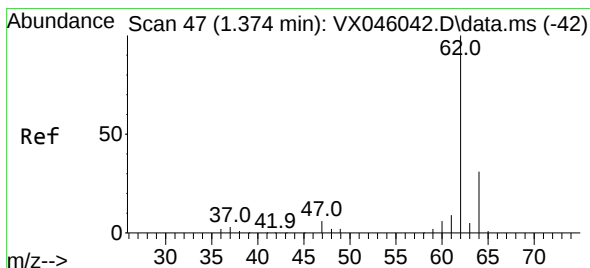
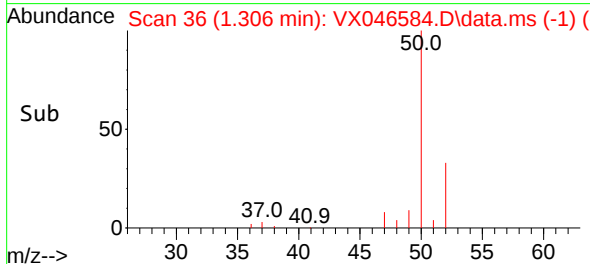
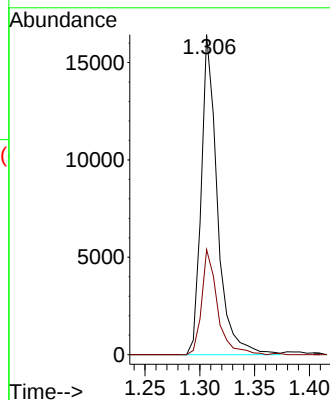
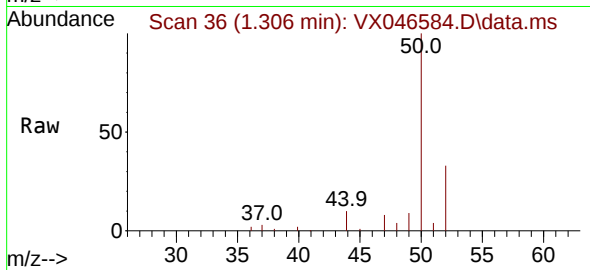
#3
Chloromethane
Concen: 22.130 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 1688
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

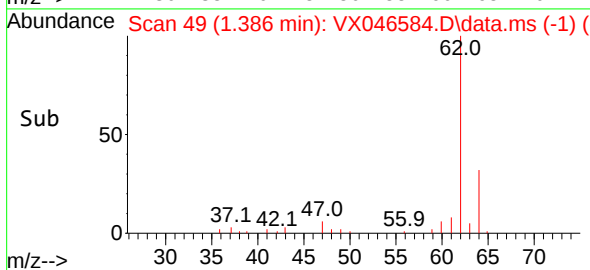
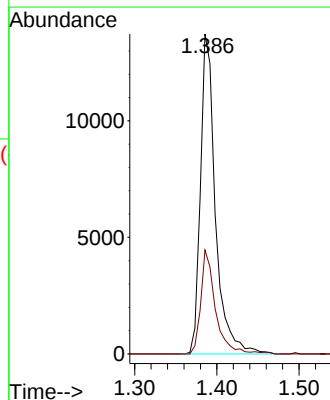
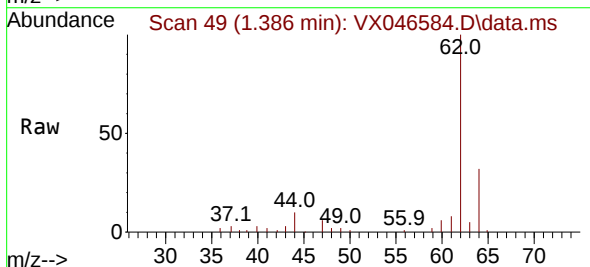
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#4
Vinyl Chloride
Concen: 22.795 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

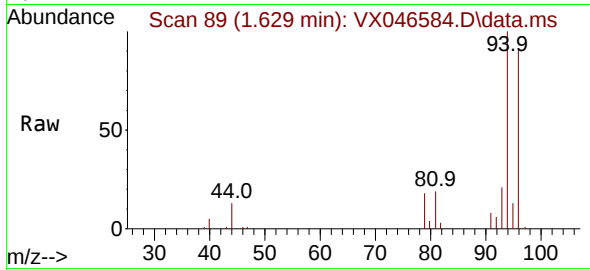
Tgt Ion: 62 Resp: 17333
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#5
Bromomethane
Concen: 24.043 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

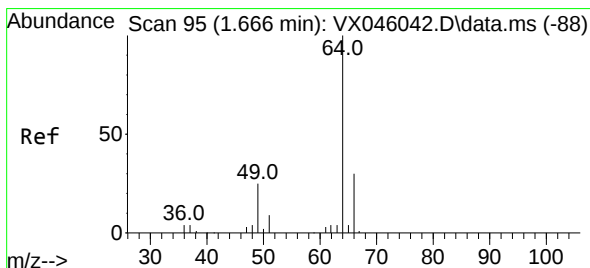
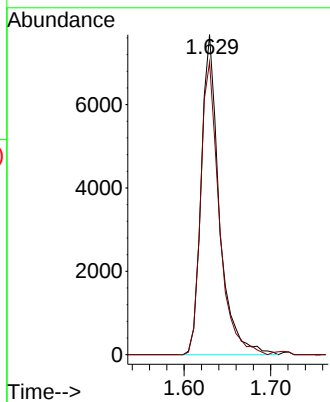
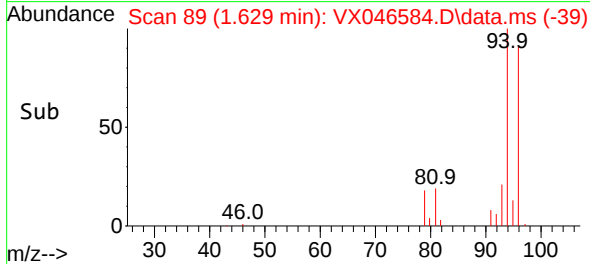
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 11099
Ion Ratio Lower Upper
94 100
96 91.4 72.8 109.2

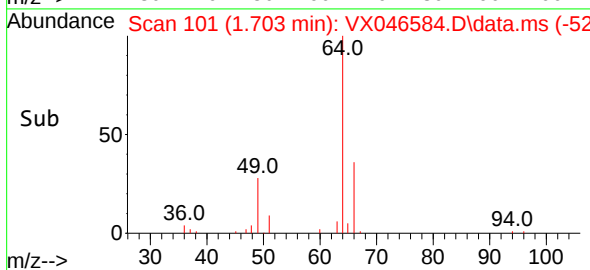
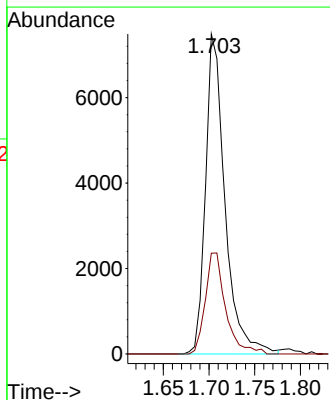
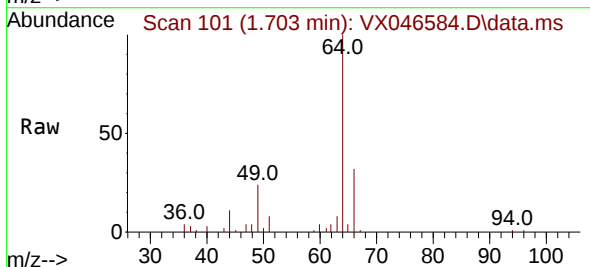
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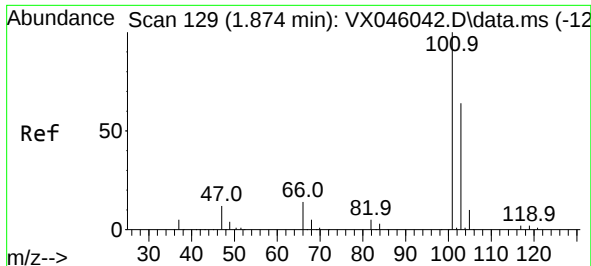
Reviewed By :John Carlone 06/10/2025
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#6
Chloroethane
Concen: 22.385 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

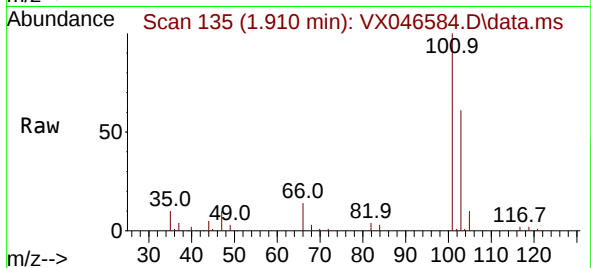
Tgt Ion: 64 Resp: 11044
Ion Ratio Lower Upper
64 100
66 31.5 24.3 36.5





#7
Trichlorofluoromethane
Concen: 22.359 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046584.D
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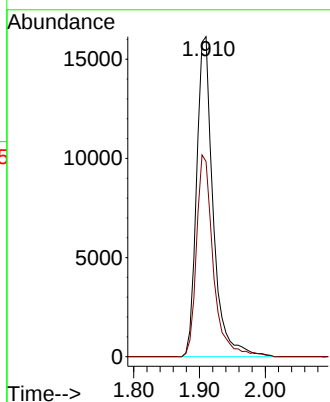
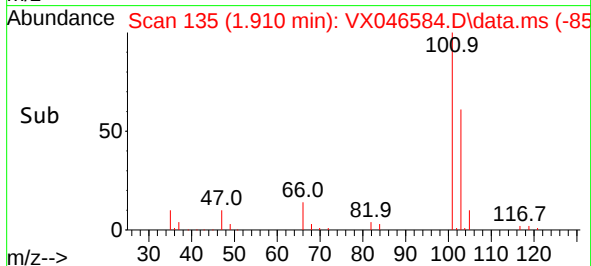
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Tgt Ion:101 Resp: 28130
Ion Ratio Lower Upper
101 100
103 61.0 51.0 76.4

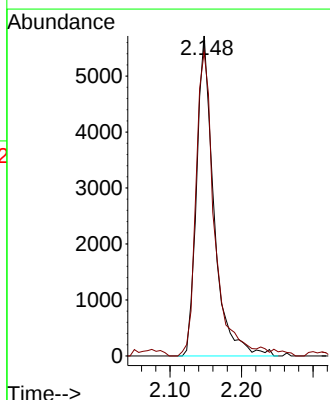
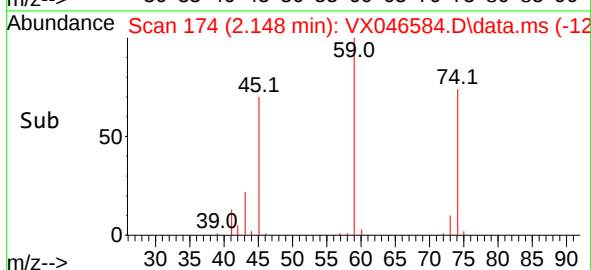
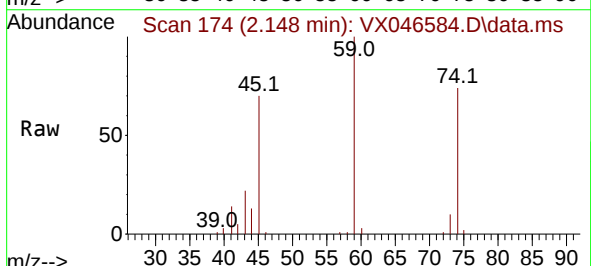
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#8
Diethyl Ether
Concen: 21.632 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

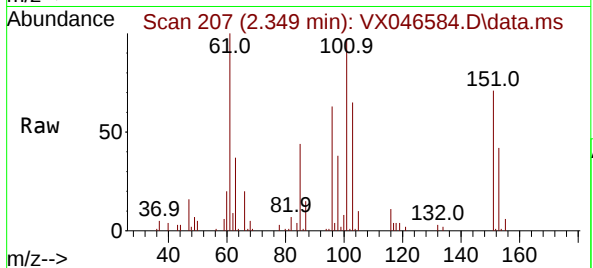
Tgt Ion: 74 Resp: 9616
Ion Ratio Lower Upper
74 100
45 101.7 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.537 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046584.D
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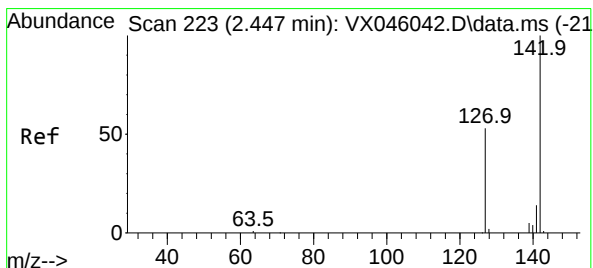
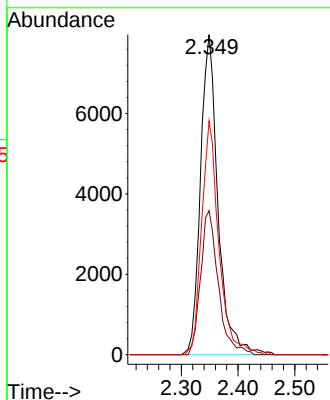
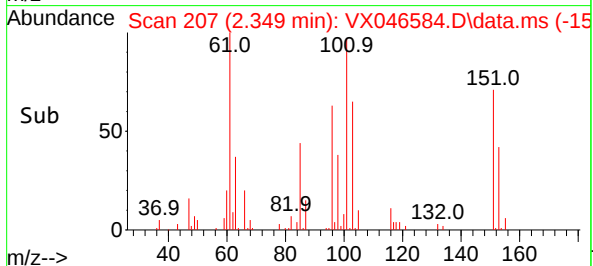
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Tgt Ion:101 Resp: 1707
Ion Ratio Lower Upper
101 100
85 45.4 38.6 58.0
151 72.2 55.2 82.8

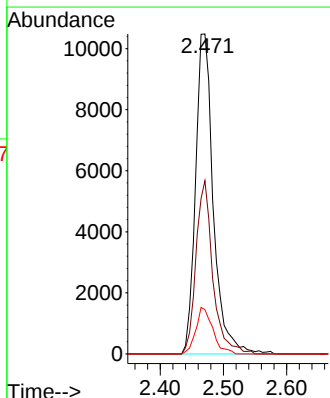
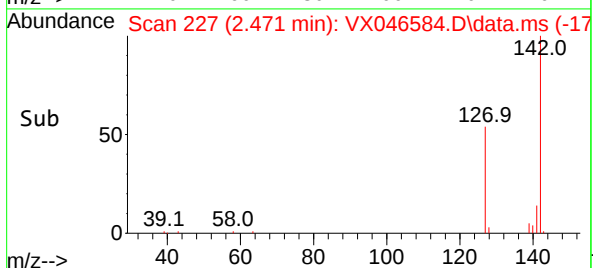
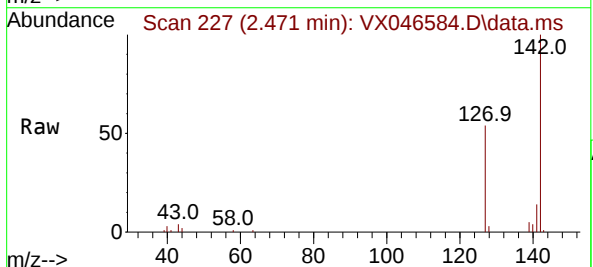
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#10
Methyl Iodide
Concen: 23.913 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

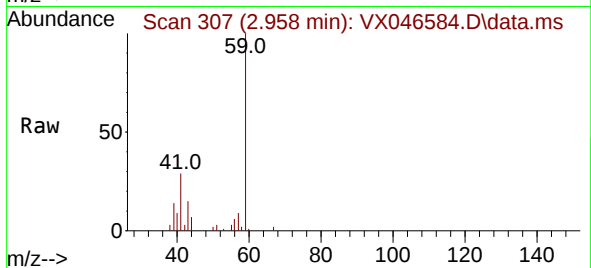
Tgt Ion:142 Resp: 20547
Ion Ratio Lower Upper
142 100
127 51.2 41.7 62.5
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 86.517 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.013 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

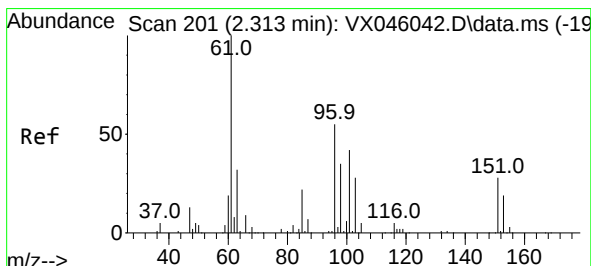
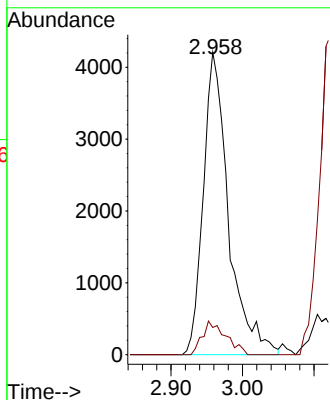
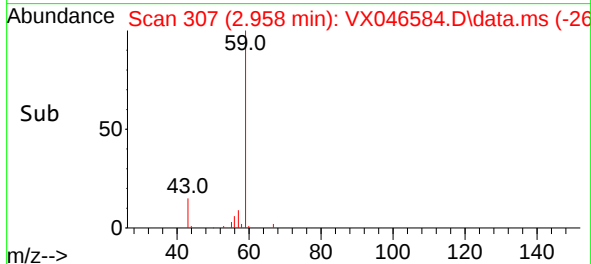
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



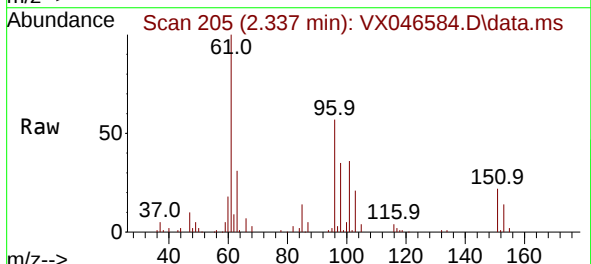
Tgt Ion: 59 Resp: 10310
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

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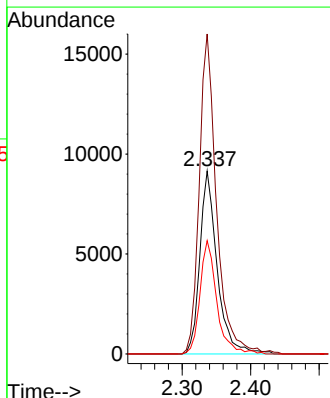
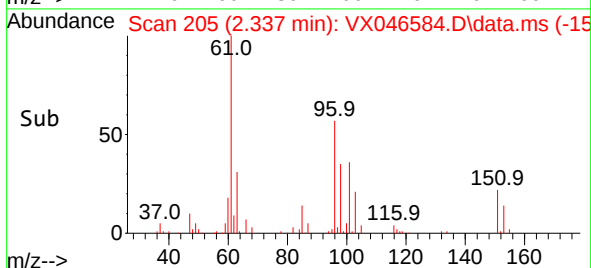
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

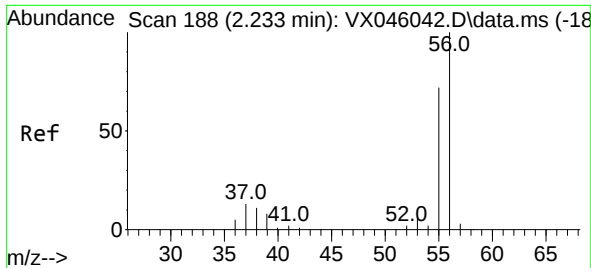


#12
1,1-Dichloroethene
Concen: 22.536 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



Tgt Ion: 96 Resp: 16151
Ion Ratio Lower Upper
96 100
61 174.9 146.2 219.2
98 61.9 51.0 76.6





#13

Acrolein

Concen: 111.296 ug/l

RT: 2.251 min Scan# 191

Delta R.T. 0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 13314

Ion Ratio Lower Upper

56 100

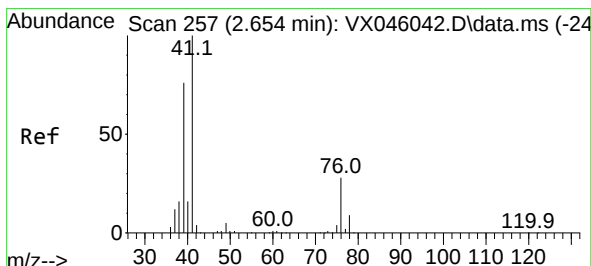
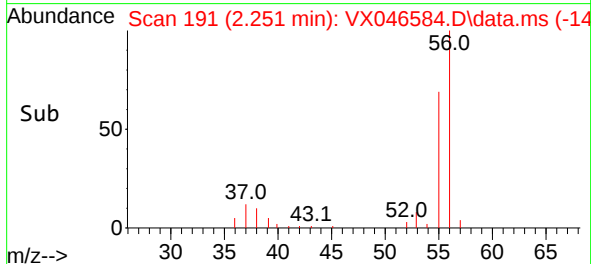
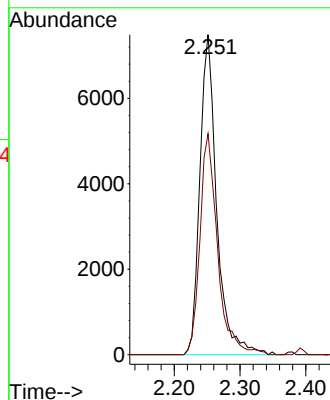
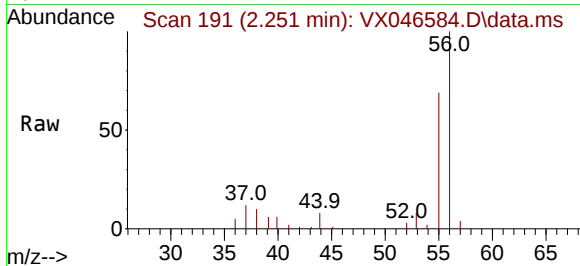
55 72.4 56.2 84.4

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#14

Allyl chloride

Concen: 22.580 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.006 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

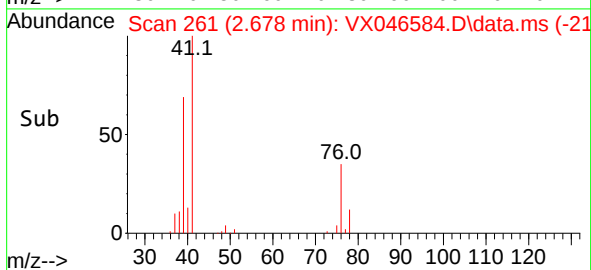
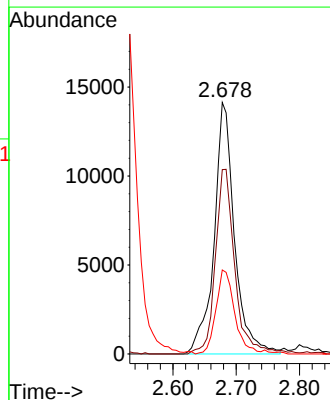
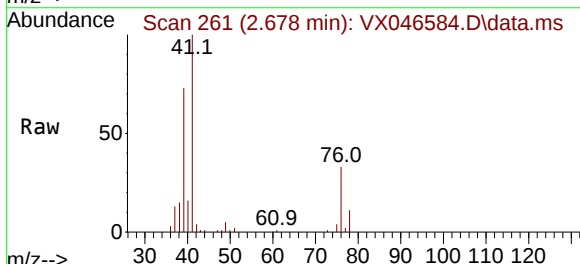
Tgt Ion: 41 Resp: 31781

Ion Ratio Lower Upper

41 100

39 69.8 60.6 90.8

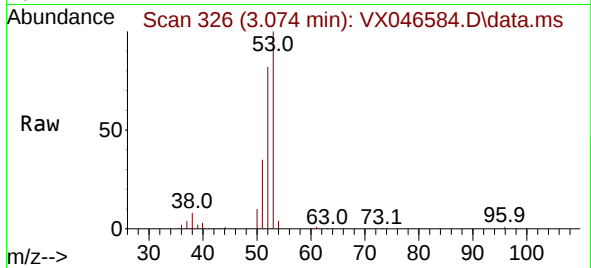
76 30.4 24.9 37.3





#15
Acrylonitrile
Concen: 115.874 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

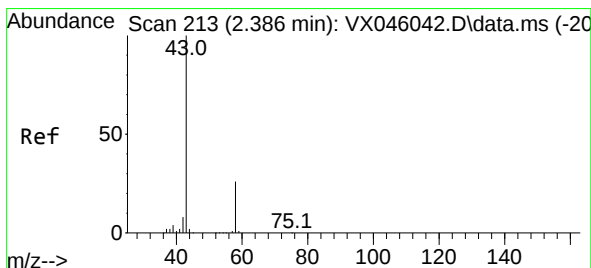
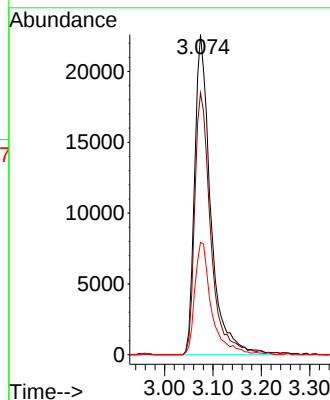
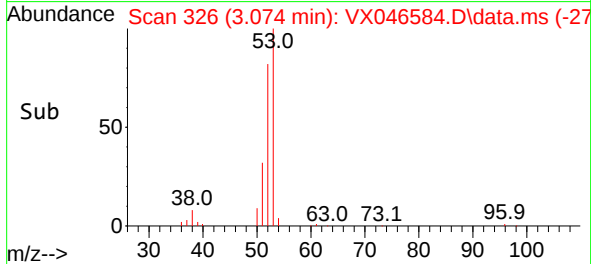
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 52209
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 36.3 29.8 44.8

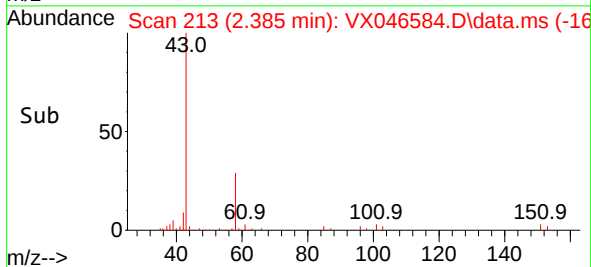
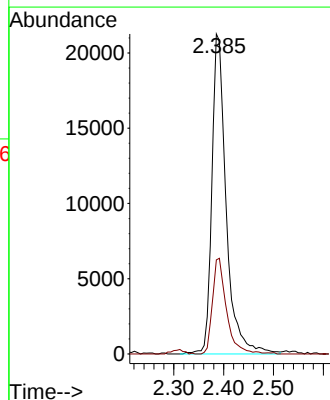
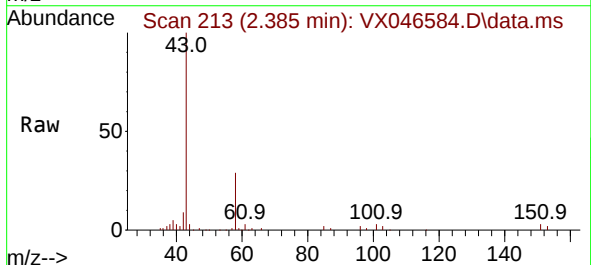
Manual Integrations
APPROVED

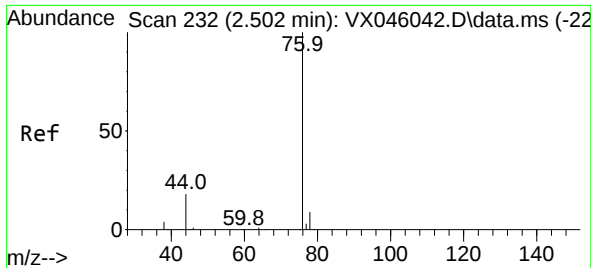
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#16
Acetone
Concen: 103.363 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 43 Resp: 42433
Ion Ratio Lower Upper
43 100
58 29.4 21.2 31.8





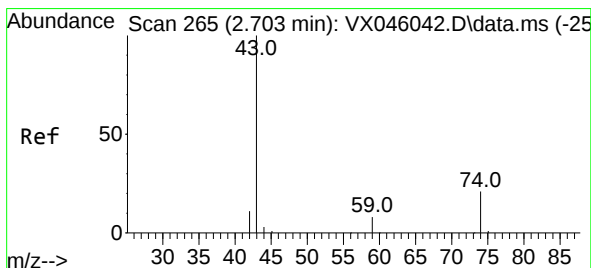
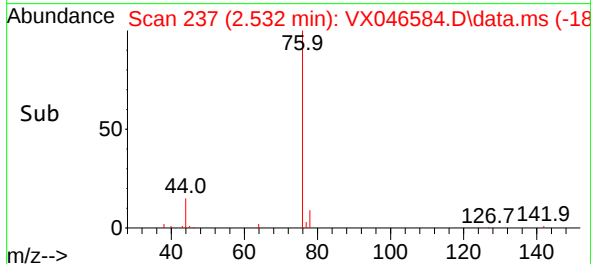
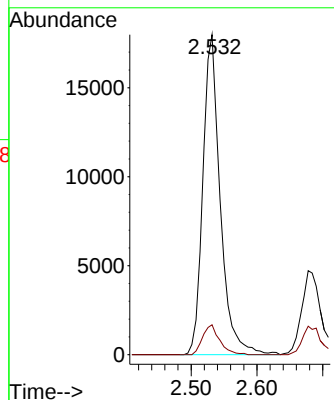
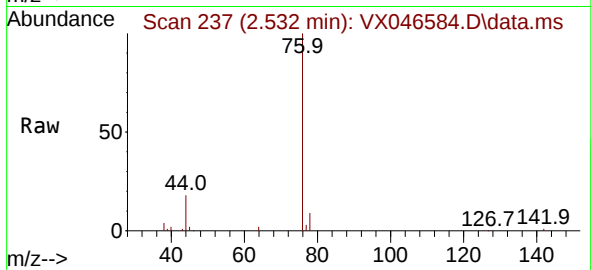
#17
Carbon Disulfide
Concen: 21.841 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 33062
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

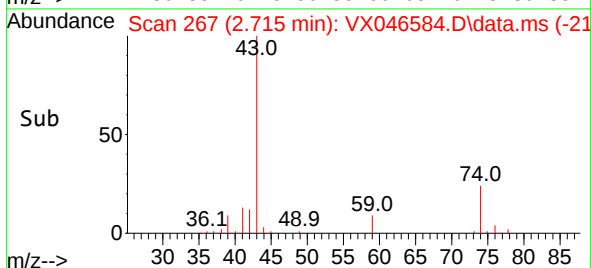
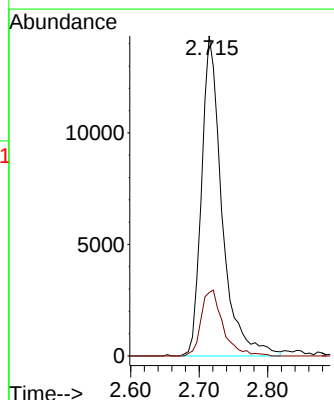
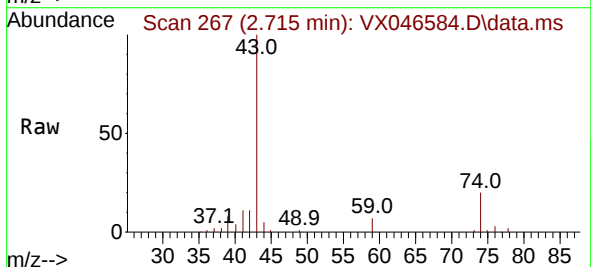
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 23.284 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 43 Resp: 29785
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1





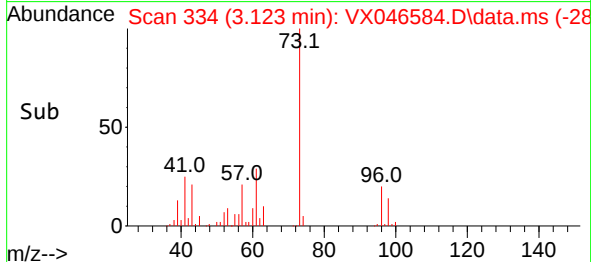
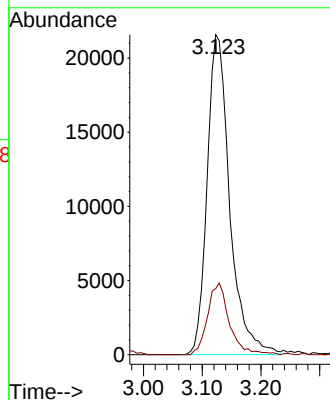
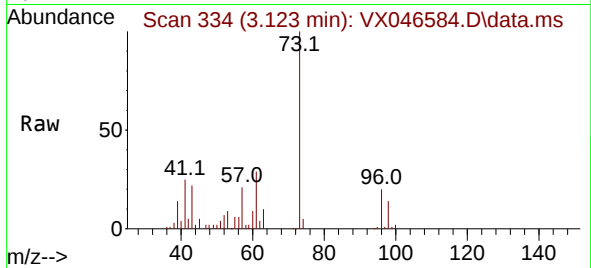
#19
Methyl tert-butyl Ether
Concen: 22.979 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 57624
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5

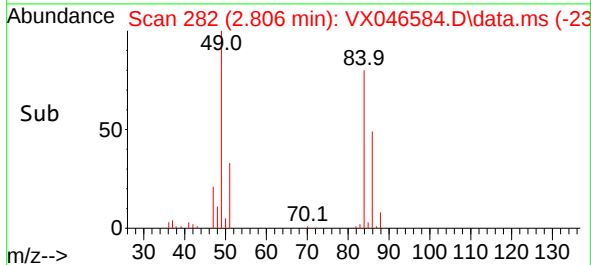
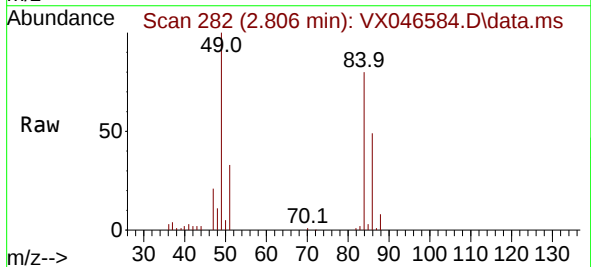
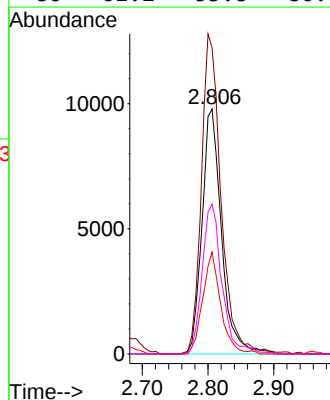
Manual Integrations
APPROVED

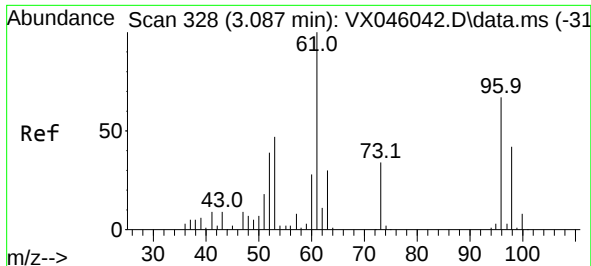
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#20
Methylene Chloride
Concen: 23.384 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

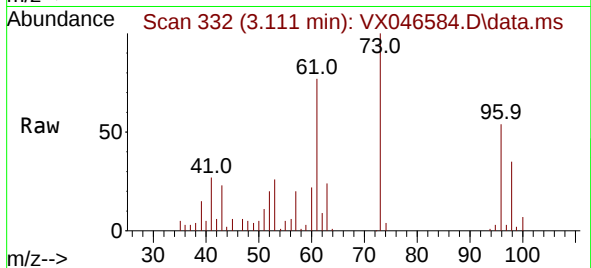
Tgt Ion: 84 Resp: 20147
Ion Ratio Lower Upper
84 100
49 125.1 113.9 170.9
51 41.6 33.5 50.3
86 61.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 22.098 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

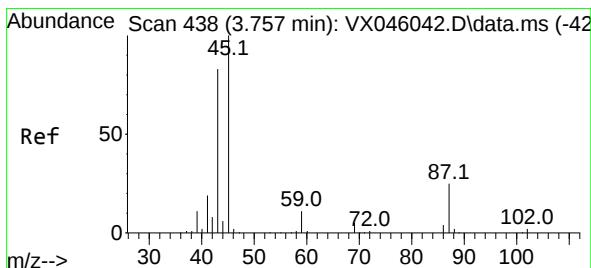
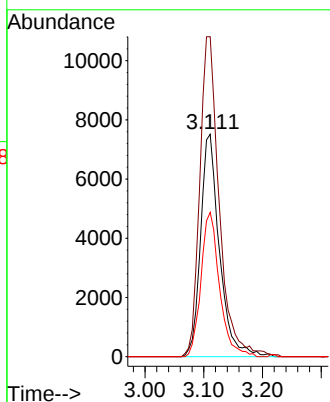
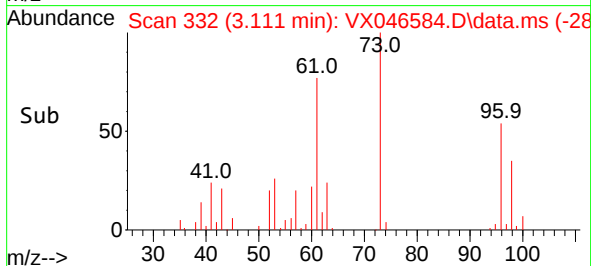
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 16760
Ion Ratio Lower Upper
96 100
61 143.9 119.5 179.3
98 64.9 50.0 75.0

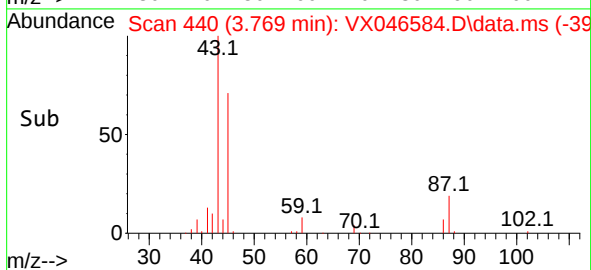
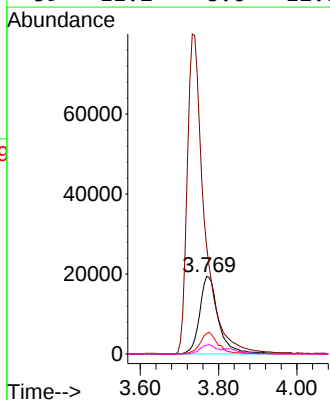
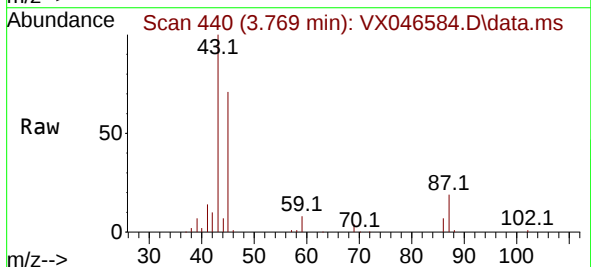
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#22
Diisopropyl ether
Concen: 23.243 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.013 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 45 Resp: 64497
Ion Ratio Lower Upper
45 100
43 138.6 66.6 100.0#
87 26.4 19.8 29.6
59 11.2 8.6 12.8





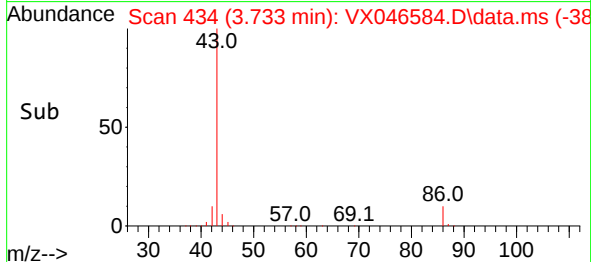
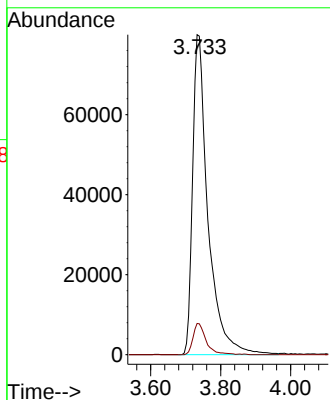
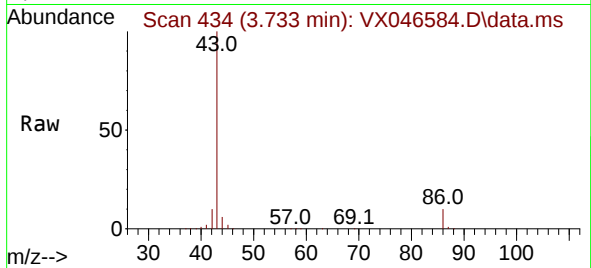
#23
 Vinyl Acetate
 Concen: 114.064 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046584.D
 Acq: 09 Jun 2025 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 24437
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

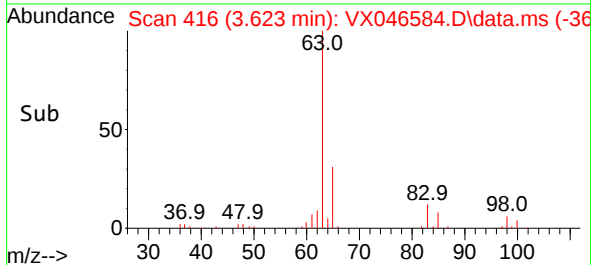
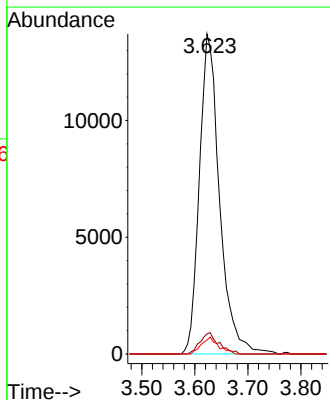
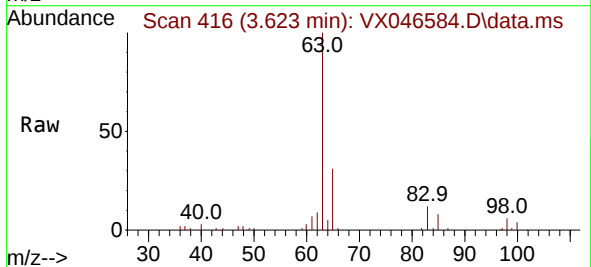
Manual Integrations
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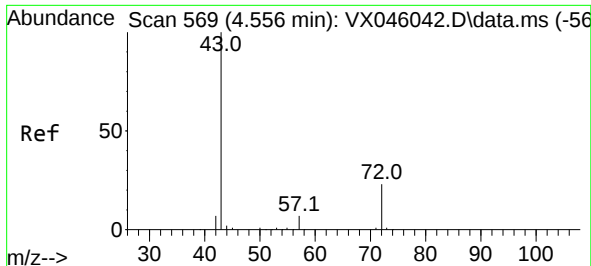
Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#24
 1,1-Dichloroethane
 Concen: 23.442 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046584.D
 Acq: 09 Jun 2025 16:51

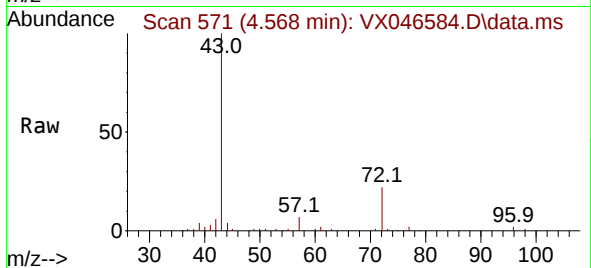
Tgt Ion: 63 Resp: 36254
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 101.726 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

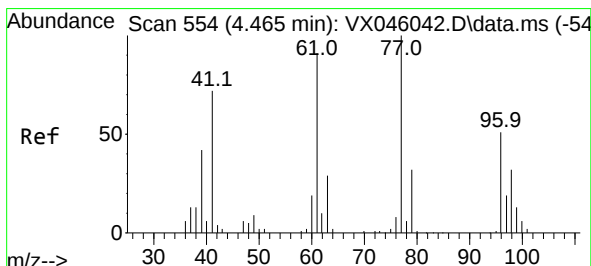
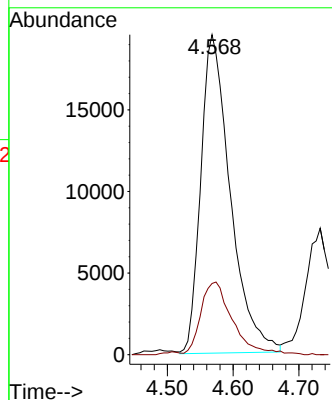
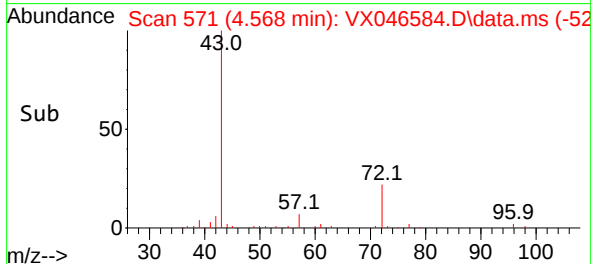
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 60810
Ion Ratio Lower Upper
43 100
72 21.9 18.4 27.6

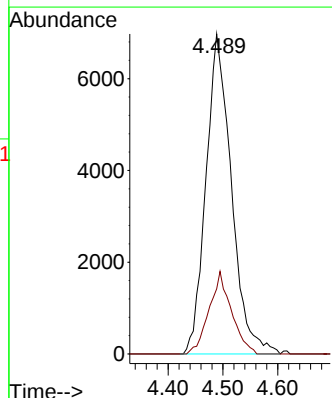
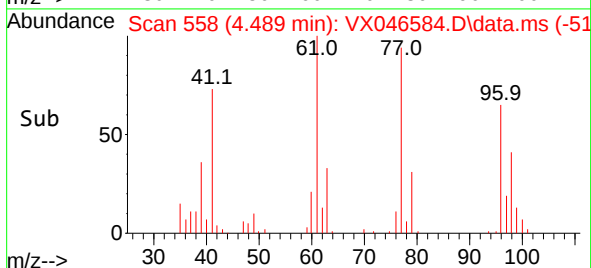
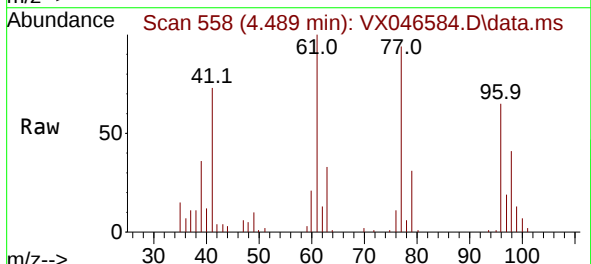
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#26
2,2-Dichloropropane
Concen: 19.594 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 77 Resp: 22496
Ion Ratio Lower Upper
77 100
97 22.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 23.385 ug/l

RT: 4.507 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 2183

Ion Ratio Lower Upper

96 100

61 152.4 0.0 322.8

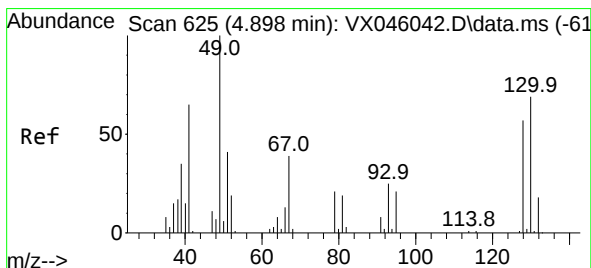
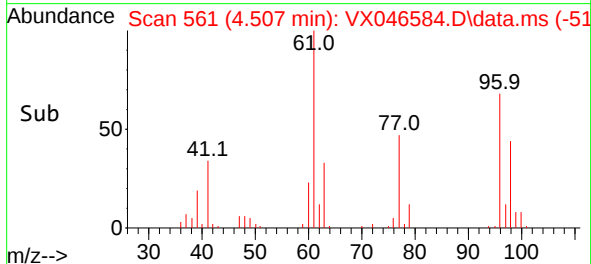
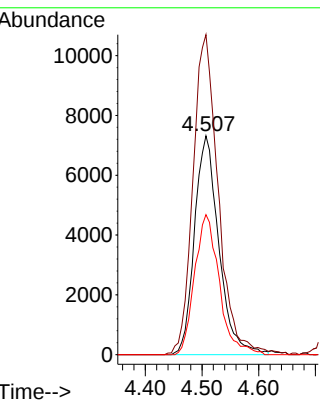
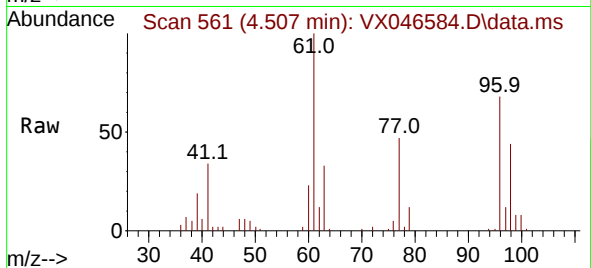
98 64.9 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#28

Bromochloromethane

Concen: 31.159 ug/l

RT: 4.909 min Scan# 627

Delta R.T. -0.007 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

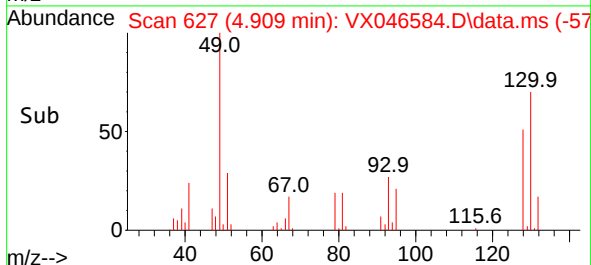
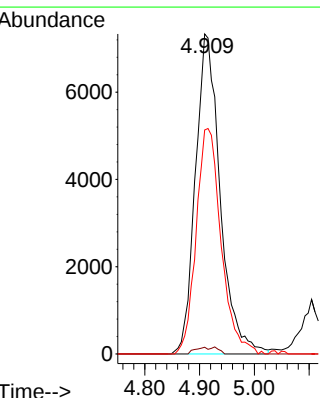
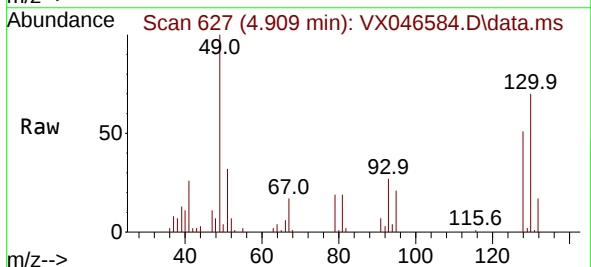
Tgt Ion: 49 Resp: 22984

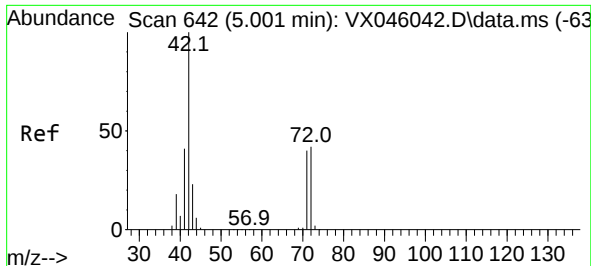
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 70.9 56.2 84.2





#29

Tetrahydrofuran

Concen: 102.305 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

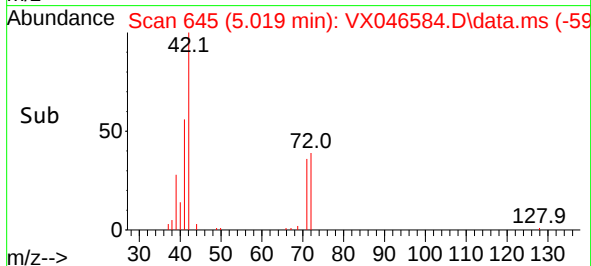
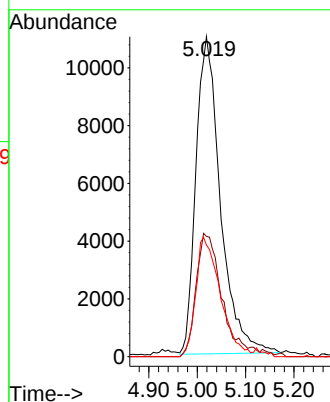
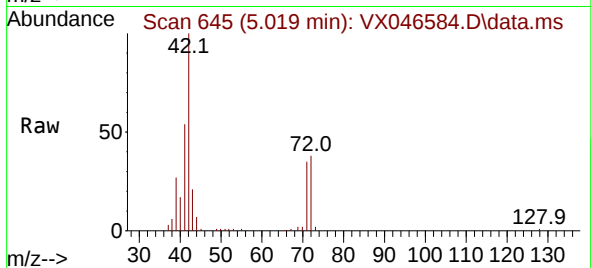
Tgt Ion:	42	Resp:	38620
Ion Ratio	Lower	Upper	
42	100		
72	40.8	33.7	50.5
71	37.6	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#30

Chloroform

Concen: 24.155 ug/l

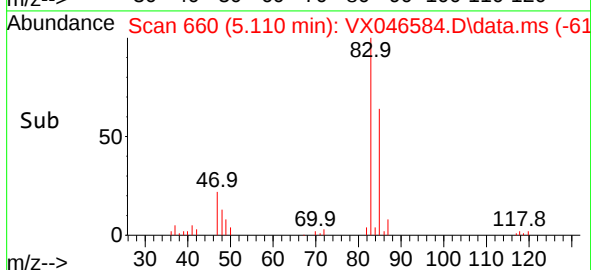
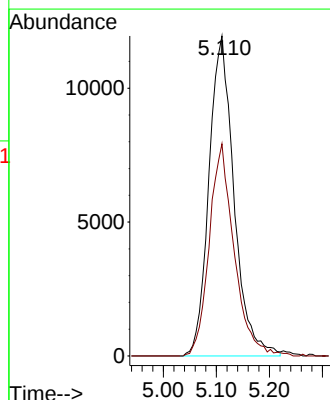
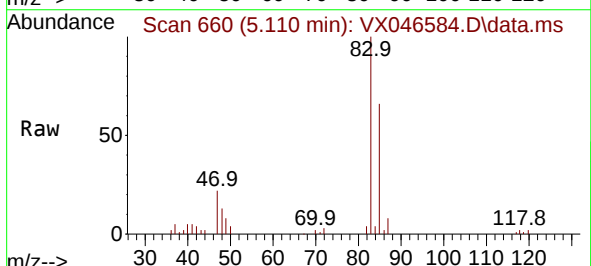
RT: 5.110 min Scan# 660

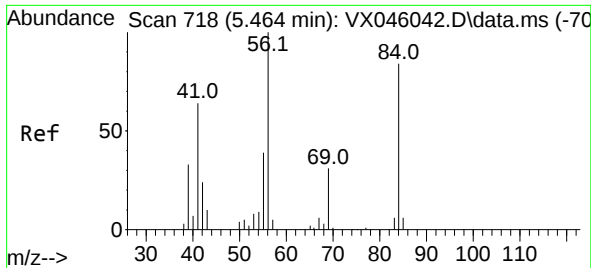
Delta R.T. -0.001 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

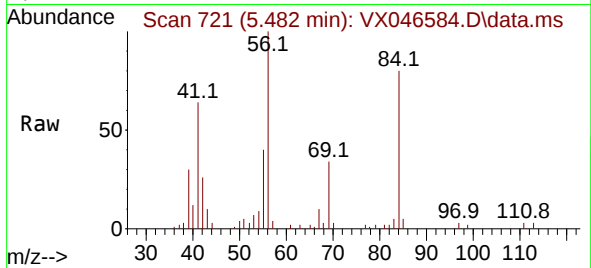
Tgt Ion:	83	Resp:	39142
Ion Ratio	Lower	Upper	
83	100		
85	66.3	49.3	73.9





#31
Cyclohexane
Concen: 22.318 ug/l
RT: 5.482 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

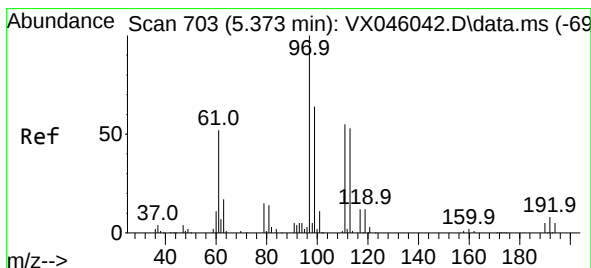
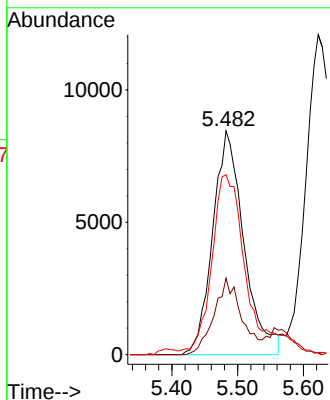
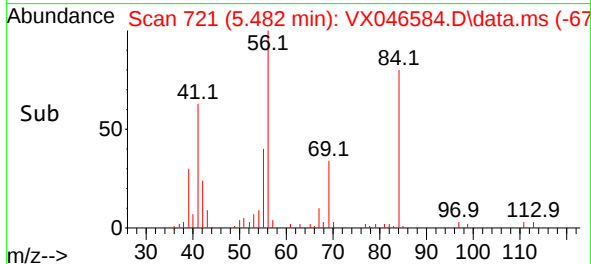
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 27864
Ion Ratio Lower Upper
56 100
69 34.2 24.4 36.6
84 78.8 66.9 100.3

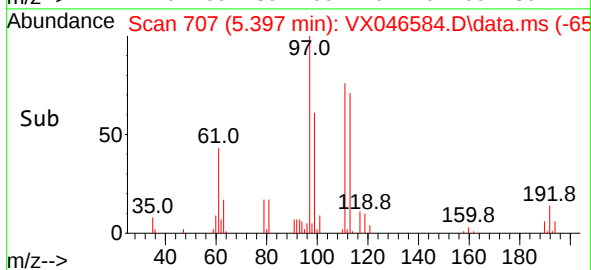
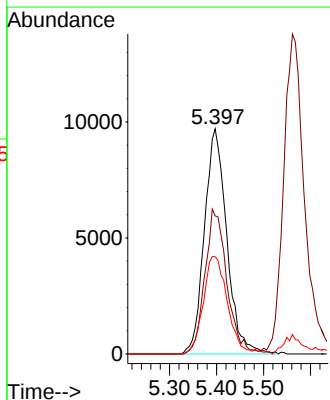
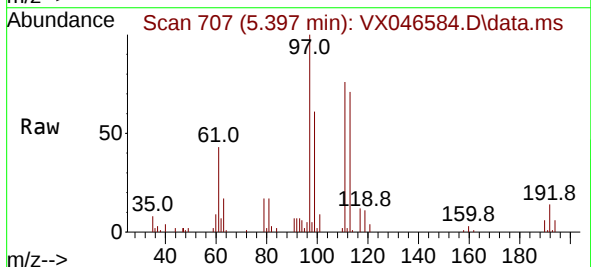
Manual Integrations
APPROVED

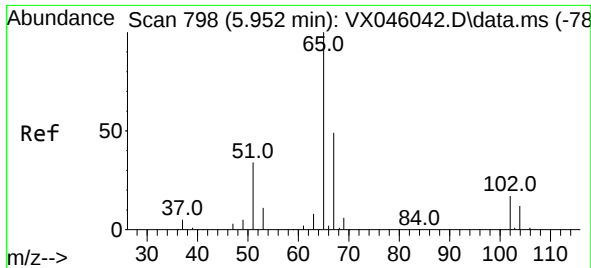
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#32
1,1,1-Trichloroethane
Concen: 23.148 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 97 Resp: 32086
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 46.2 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 29.194 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 31352

Ion Ratio Lower Upper

65 100

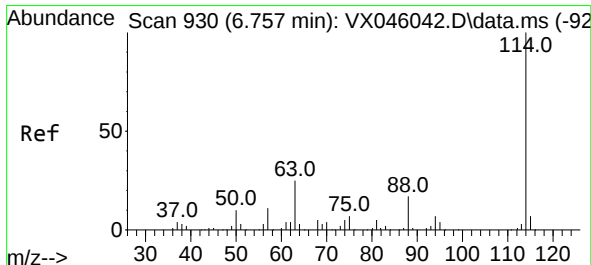
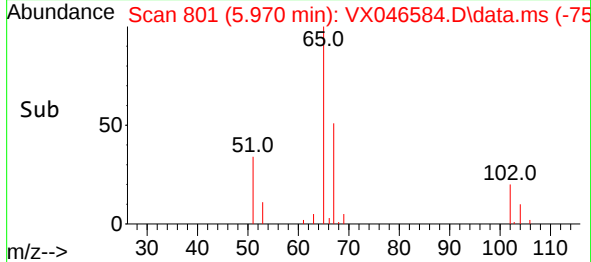
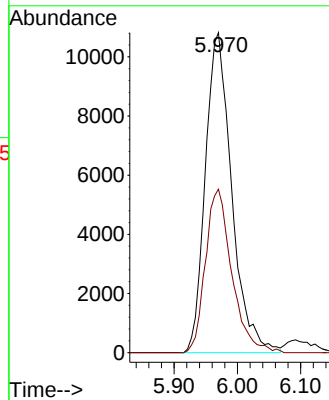
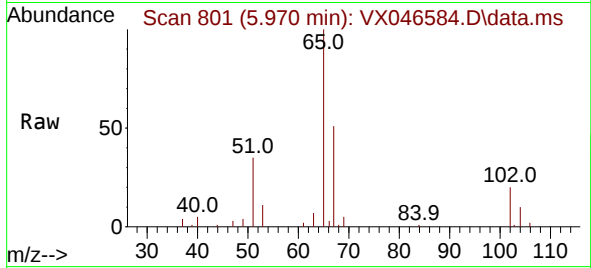
67 51.1 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

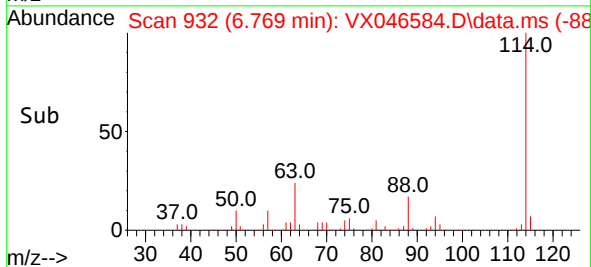
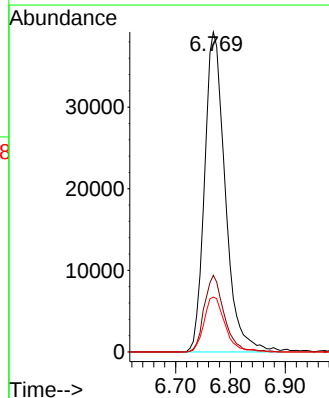
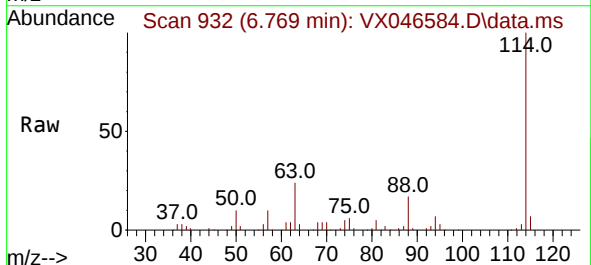
Tgt Ion:114 Resp: 102591

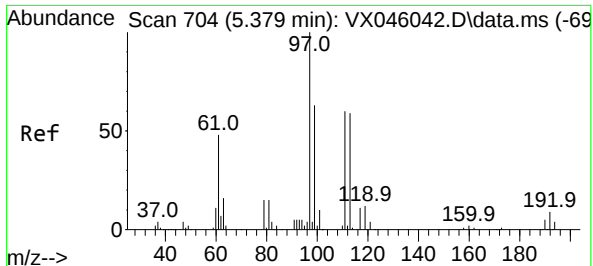
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 30.443 ug/l

RT: 5.397 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 22968

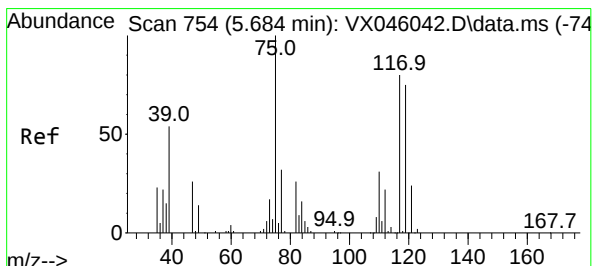
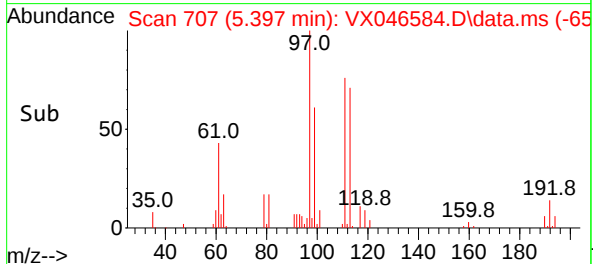
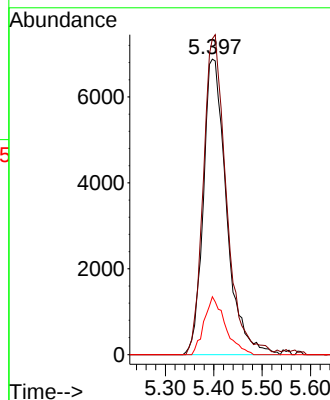
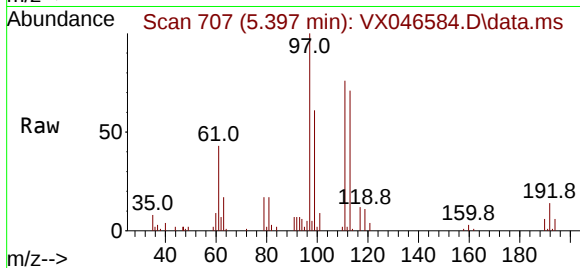
Ion	Ratio	Lower	Upper
113	100		
111	107.3	83.1	124.7
192	17.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#36

1,1-Dichloropropene

Concen: 21.283 ug/l

RT: 5.702 min Scan# 757

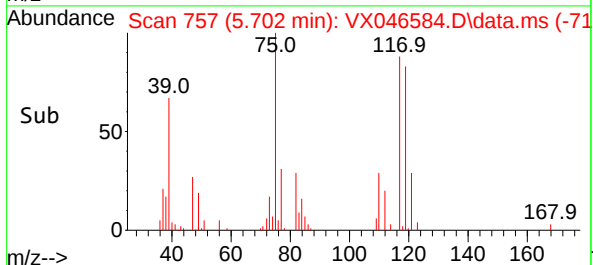
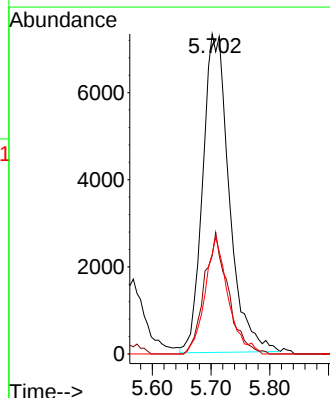
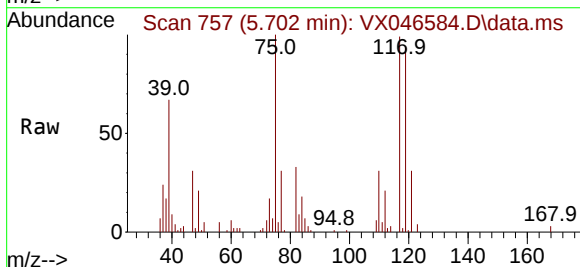
Delta R.T. -0.012 min

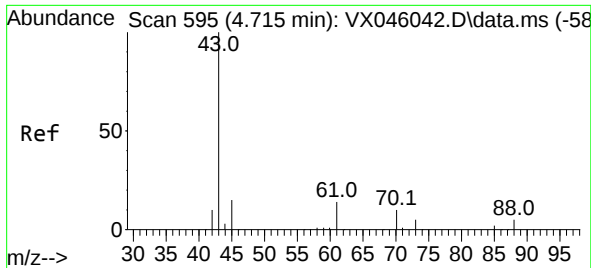
Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Tgt Ion: 75 Resp: 22936

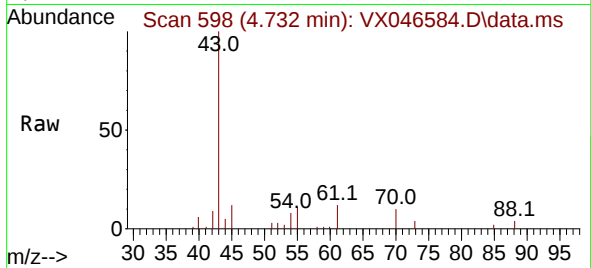
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.3	48.9
77	32.0	24.3	36.5





#37
Ethyl Acetate
Concen: 23.941 ug/l
RT: 4.732 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

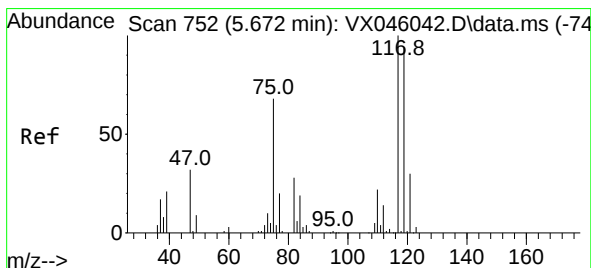
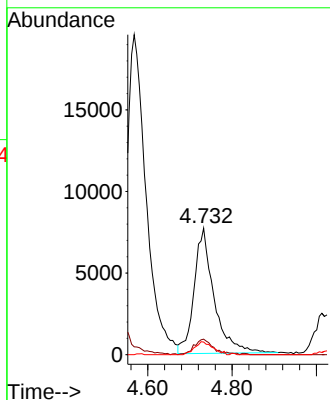
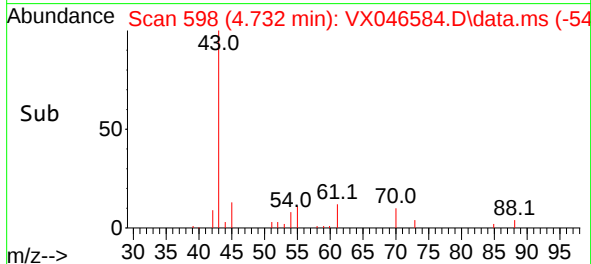
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
61 12.0 10.3 15.5
70 9.4 7.9 11.9

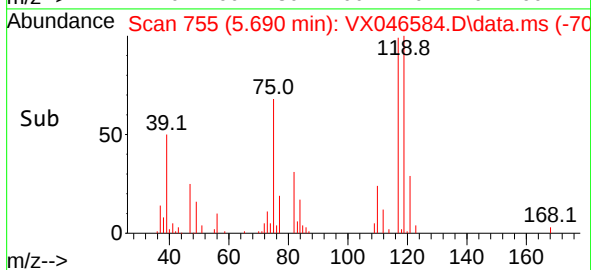
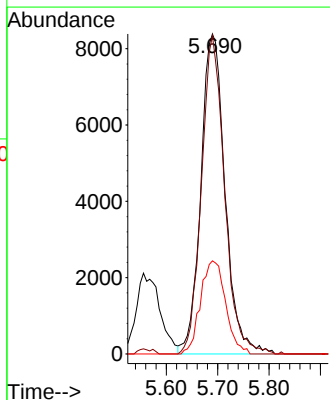
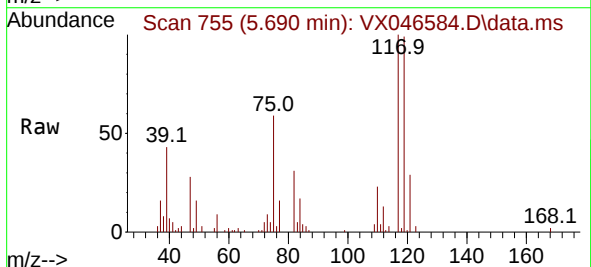
Manual Integrations
APPROVED

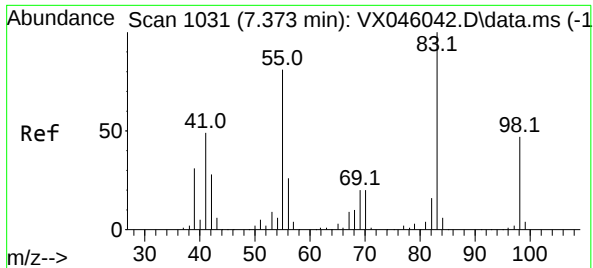
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#38
Carbon Tetrachloride
Concen: 22.730 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion:117 Resp: 27437
Ion Ratio Lower Upper
117 100
119 99.4 75.2 112.8
121 29.1 24.2 36.4





#39
Methylcyclohexane
Concen: 21.287 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

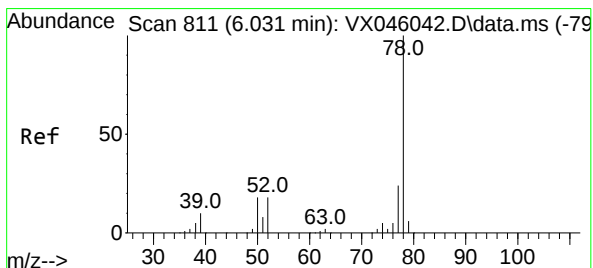
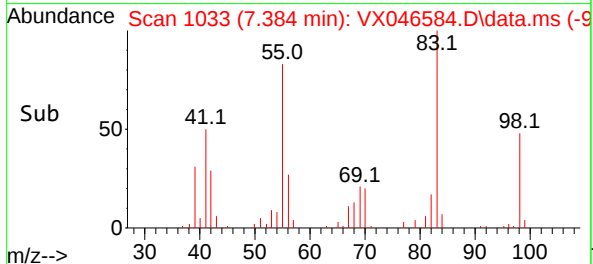
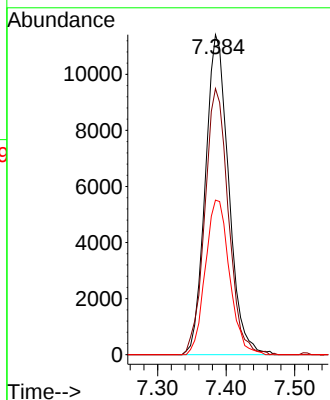
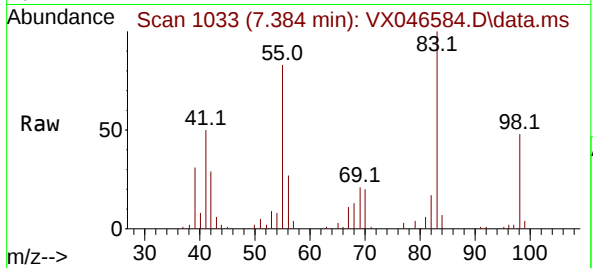
Tgt Ion: 83 Resp: 2707
Ion Ratio Lower Upper
83 100
55 83.2 64.7 97.1
98 48.3 37.4 56.2

Manual Integrations

APPROVED

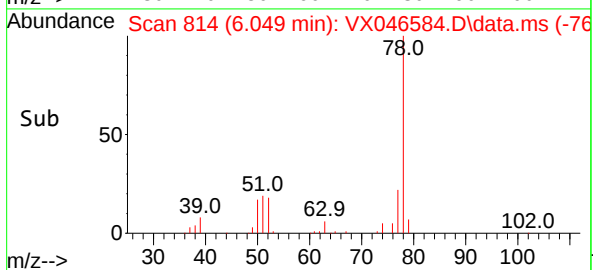
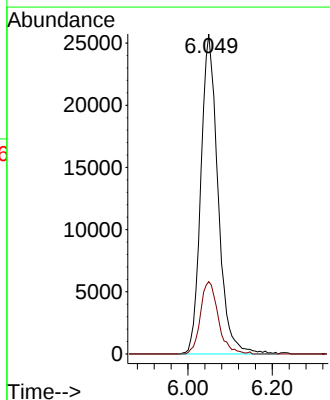
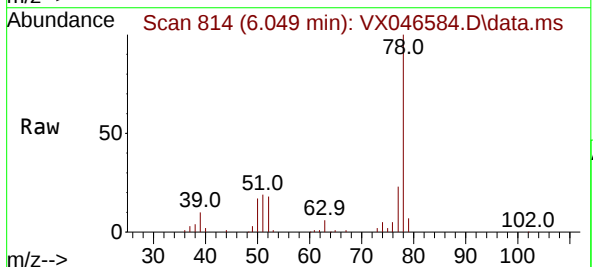
Reviewed By :John Carlone 06/10/2025

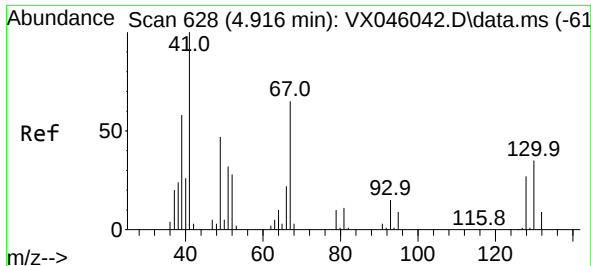
Supervised By :Mahesh Dadoda 06/10/2025



#40
Benzene
Concen: 23.977 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.007 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

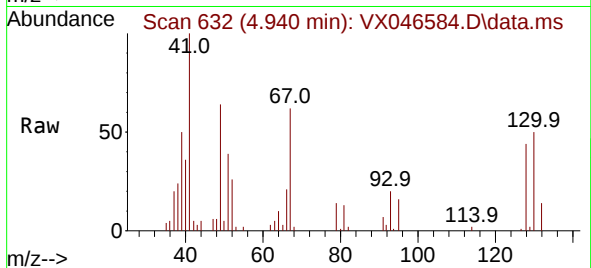
Tgt Ion: 78 Resp: 72742
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4





#41
Methacrylonitrile
Concen: 22.658 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

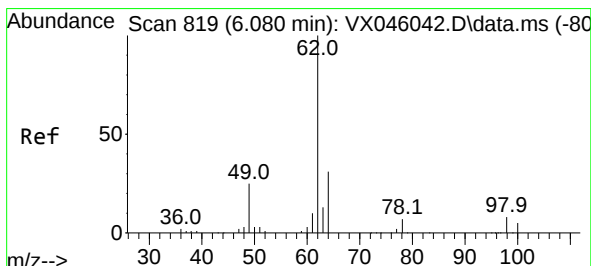
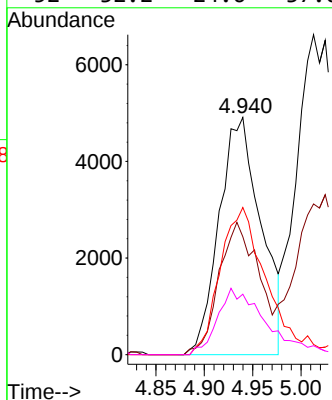
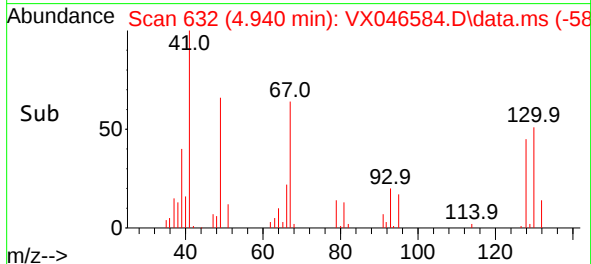
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14799
Ion Ratio Lower Upper
41 100
39 52.5 47.2 70.8
67 68.2 50.7 76.1
52 32.2 24.6 37.0

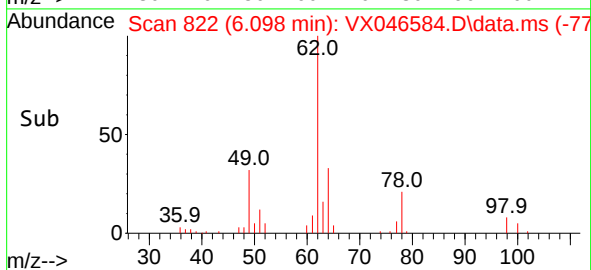
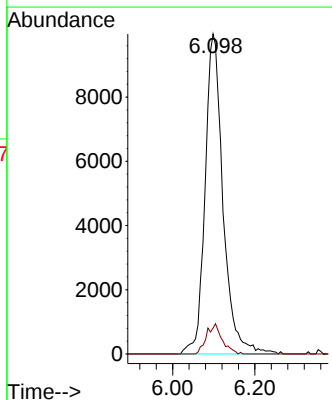
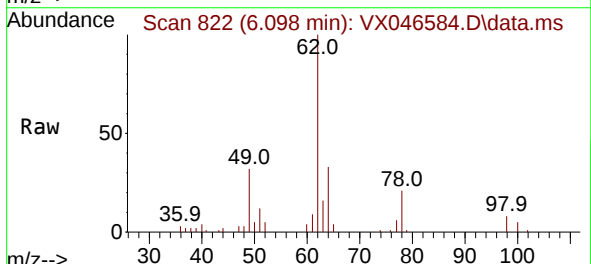
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#42
1,2-Dichloroethane
Concen: 23.969 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

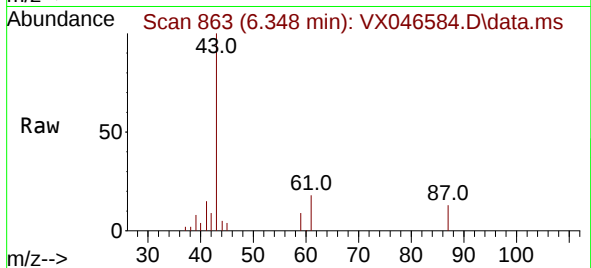
Tgt Ion: 62 Resp: 30253
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.2





#43
Isopropyl Acetate
Concen: 22.249 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

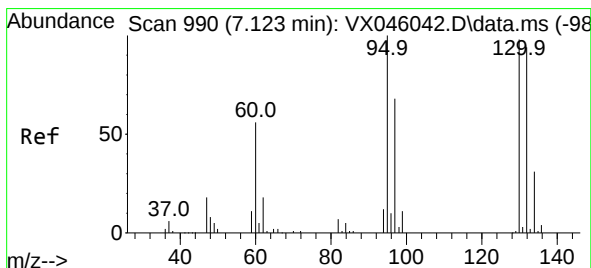
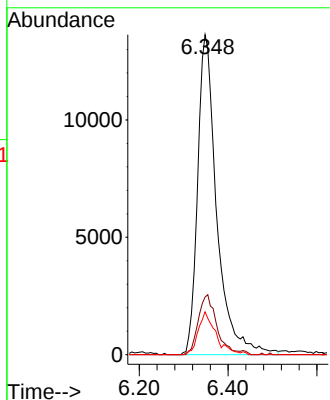
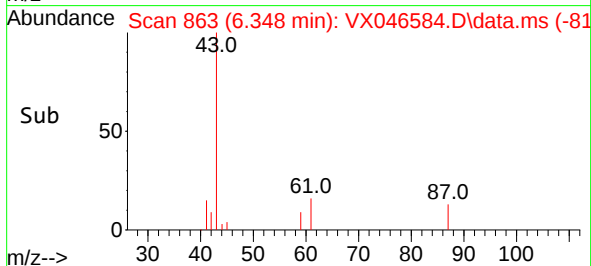
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 4079
Ion Ratio Lower Upper
43 100
61 18.4 14.3 21.5
87 12.4 9.5 14.3

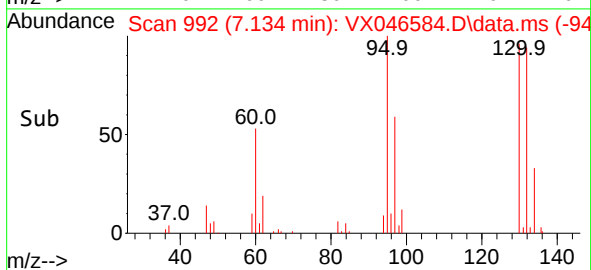
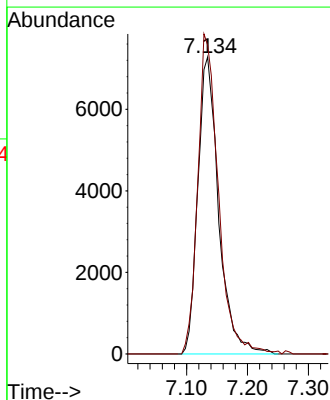
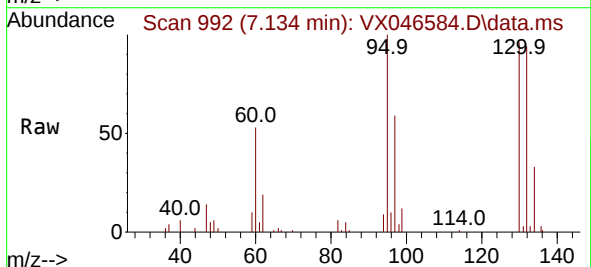
Manual Integrations
APPROVED

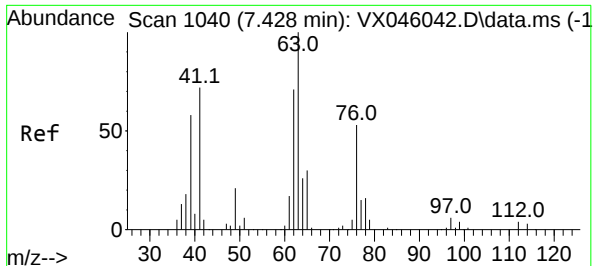
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#44
Trichloroethene
Concen: 22.467 ug/l
RT: 7.134 min Scan# 992
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion:130 Resp: 17319
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.2





#45

1,2-Dichloropropane

Concen: 24.228 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.007 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 1897

Ion Ratio Lower Upper

63 100

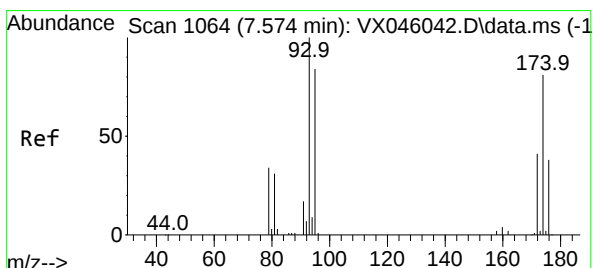
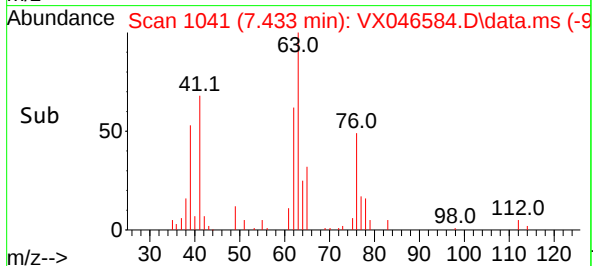
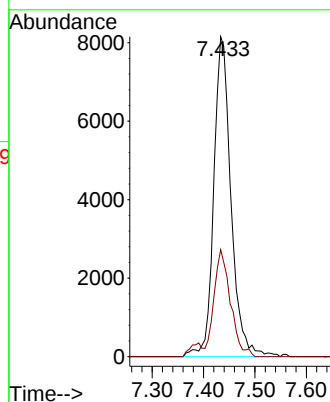
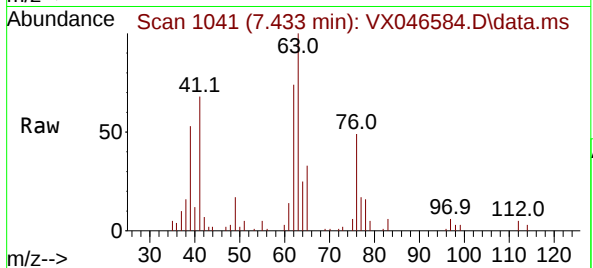
65 33.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#46

Dibromomethane

Concen: 24.045 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

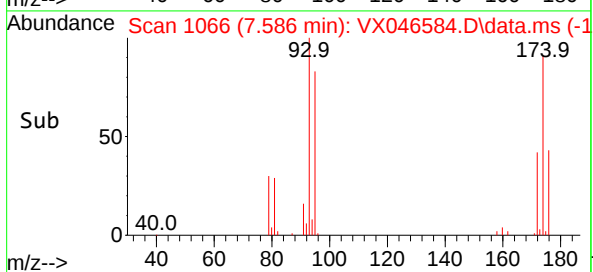
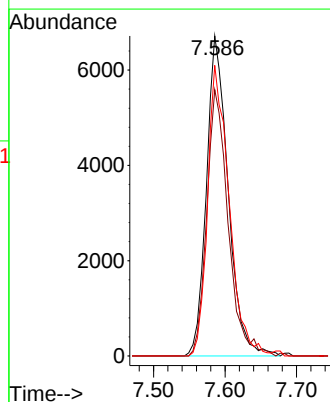
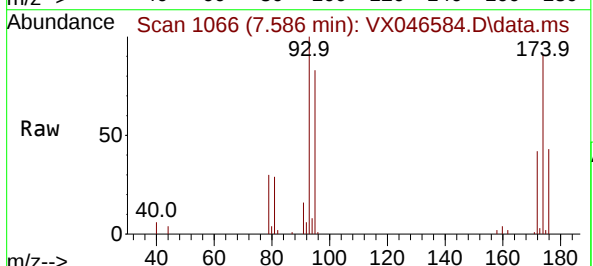
Tgt Ion: 93 Resp: 14165

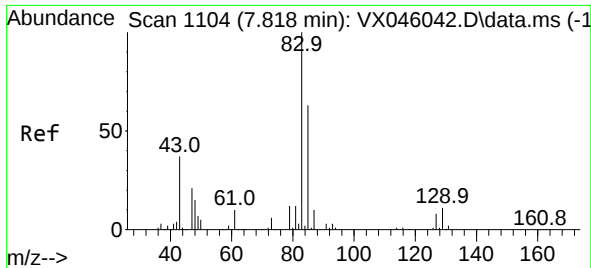
Ion Ratio Lower Upper

93 100

95 81.9 65.6 98.4

174 90.1 68.2 102.2





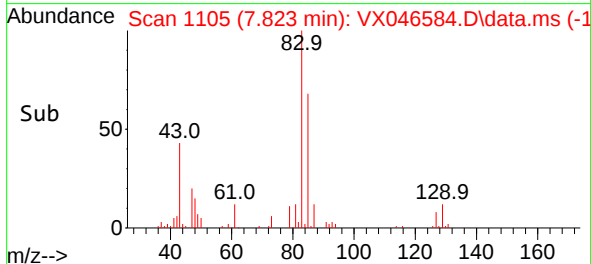
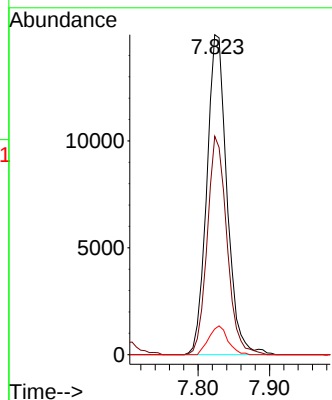
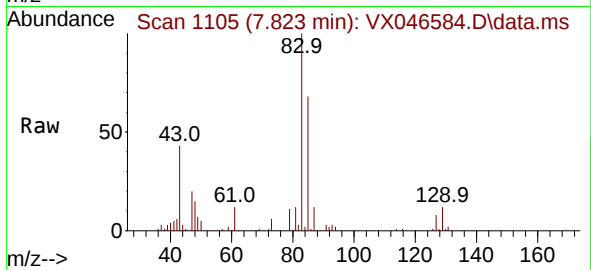
#47
Bromodichloromethane
Concen: 24.200 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 29314
Ion Ratio Lower Upper
83 100
85 68.2 50.5 75.7
127 8.1 6.5 9.7

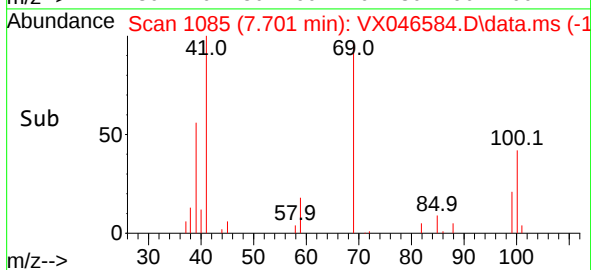
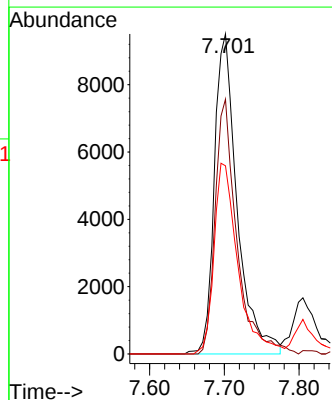
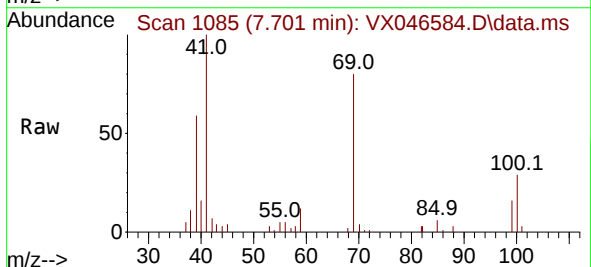
Manual Integrations
APPROVED

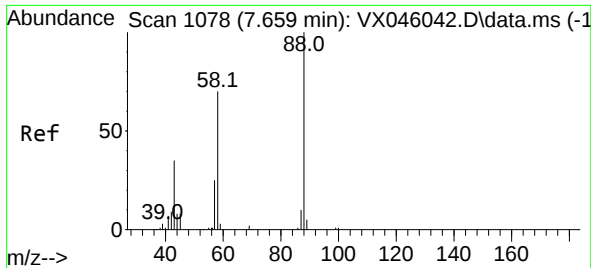
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#48
Methyl methacrylate
Concen: 21.423 ug/l
RT: 7.701 min Scan# 1085
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

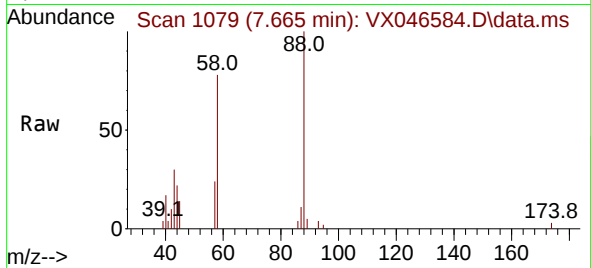
Tgt Ion: 41 Resp: 20211
Ion Ratio Lower Upper
41 100
69 75.6 58.5 87.7
39 62.5 51.7 77.5





#49
1,4-Dioxane
Concen: 384.026 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

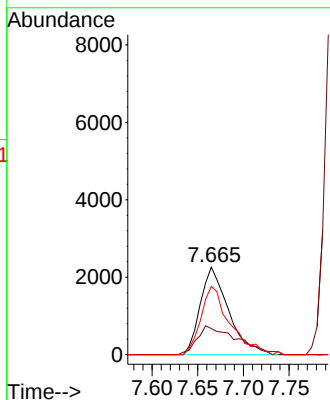
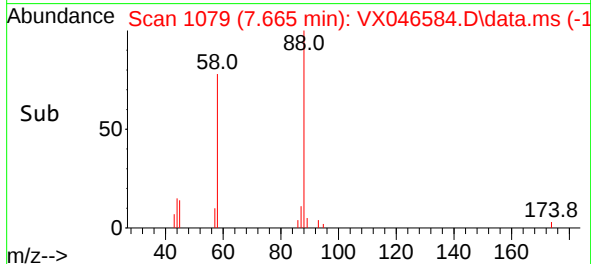
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 484
Ion Ratio Lower Upper
88 100
43 46.8 33.4 50.2
58 79.9 58.6 88.0

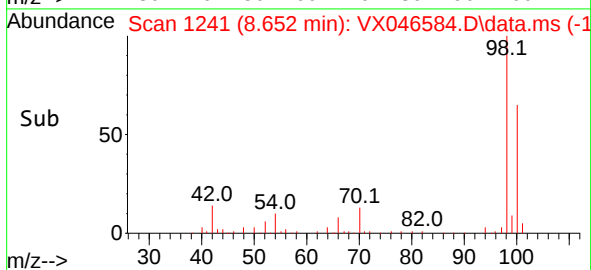
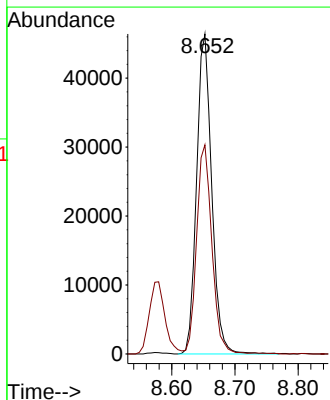
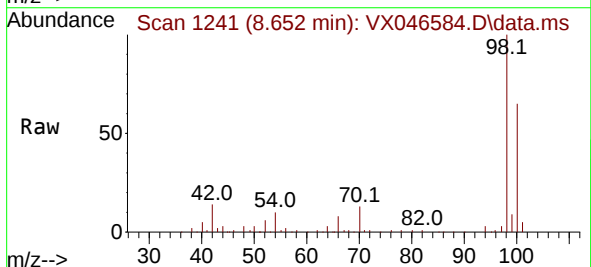
Manual Integrations
APPROVED

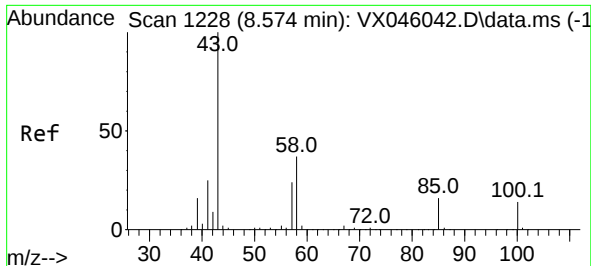
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#50
Toluene-d8
Concen: 31.018 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 98 Resp: 77151
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3





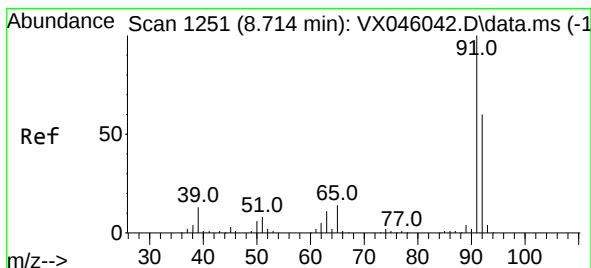
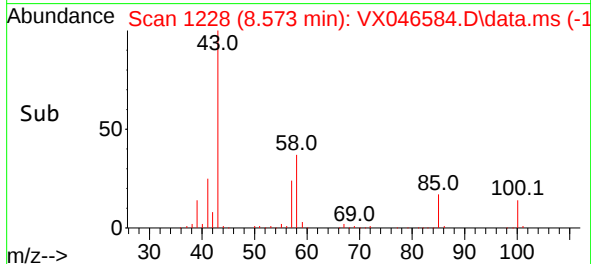
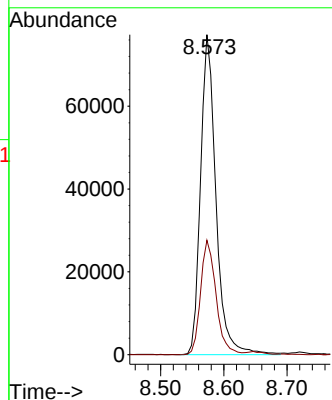
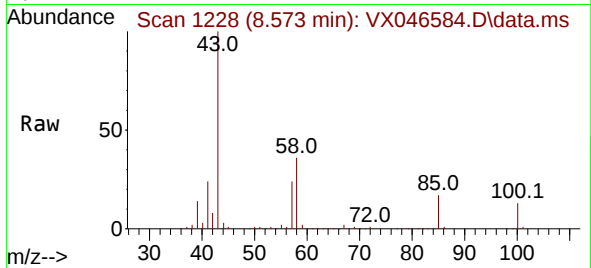
#51
4-Methyl-2-Pentanone
Concen: 112.598 ug/l
RT: 8.573 min Scan# 11228
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13120
Ion Ratio Lower Upper
43 100
58 35.8 28.9 43.3

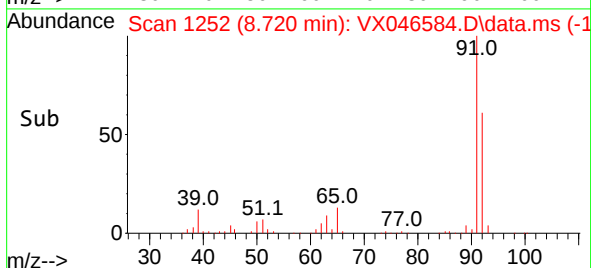
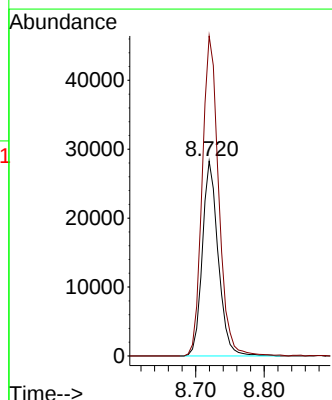
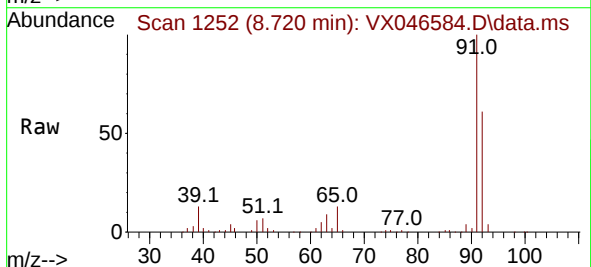
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#52
Toluene
Concen: 24.484 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 92 Resp: 45634
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 23.417 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 2543

Ion Ratio Lower Upper

75 100

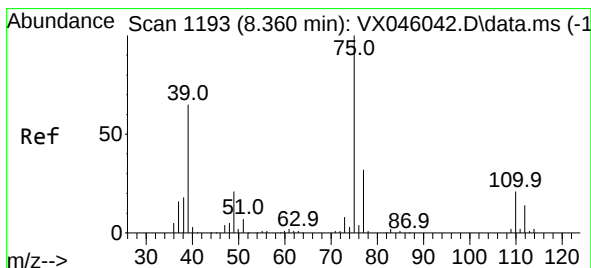
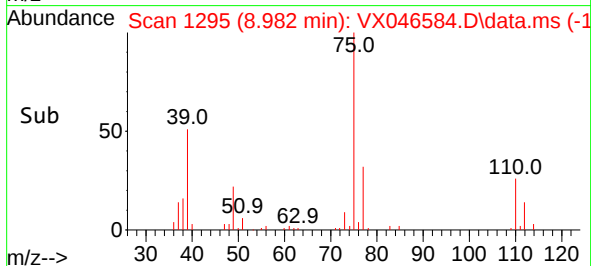
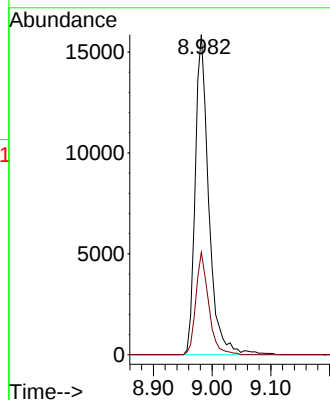
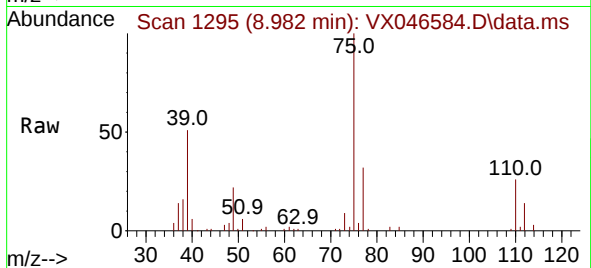
77 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#54

cis-1,3-Dichloropropene

Concen: 22.937 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

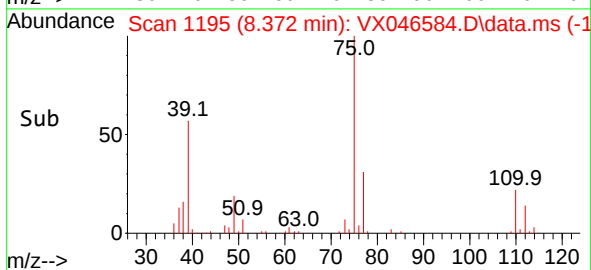
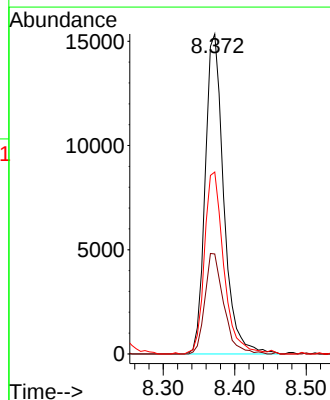
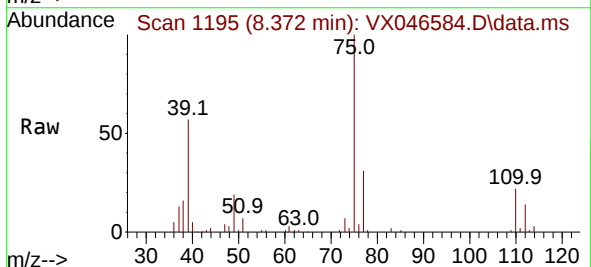
Tgt Ion: 75 Resp: 27697

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

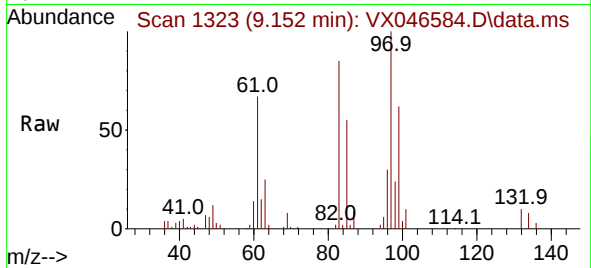
39 56.8 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 25.031 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

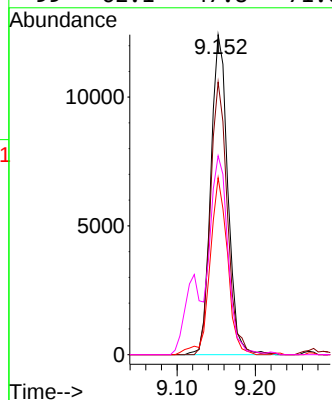
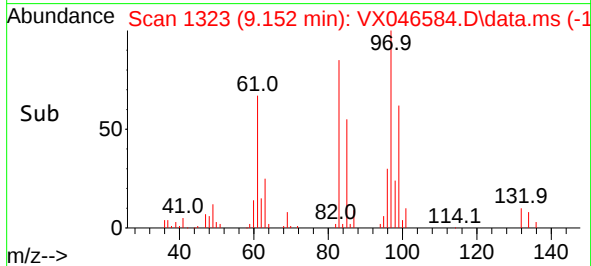
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



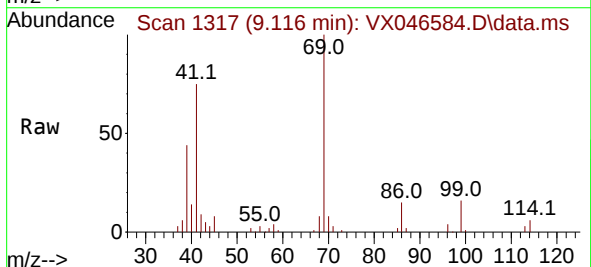
Tgt Ion: 97 Resp: 18729
Ion Ratio Lower Upper
97 100
83 85.2 69.0 103.6
85 54.8 44.3 66.5
99 62.1 47.8 71.6

Manual Integrations
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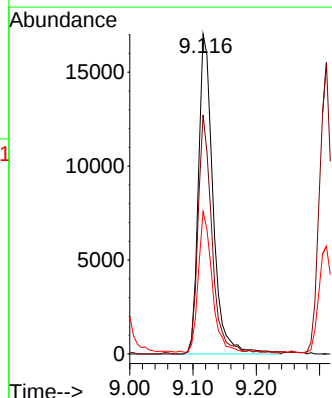
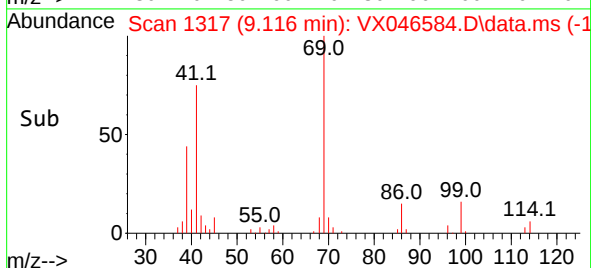
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

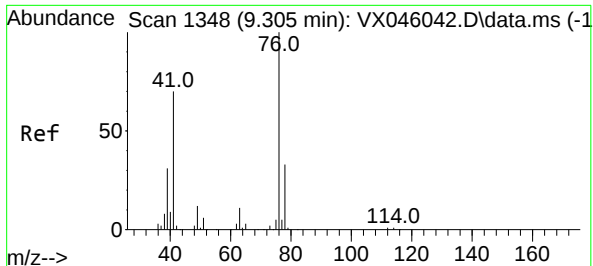


#56
Ethyl methacrylate
Concen: 23.889 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



Tgt Ion: 69 Resp: 27507
Ion Ratio Lower Upper
69 100
41 71.2 60.8 91.2
39 41.3 39.0 58.6





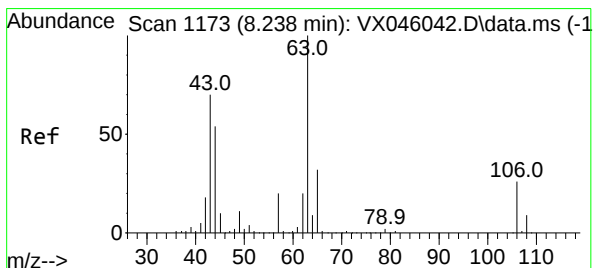
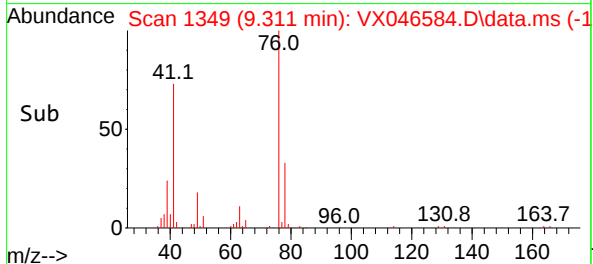
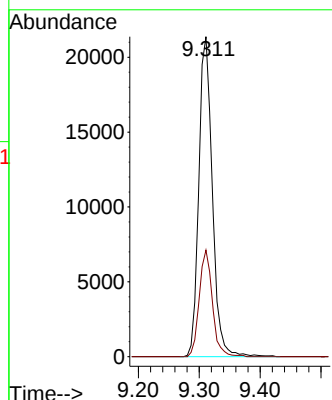
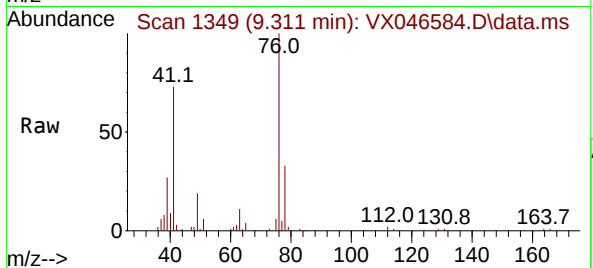
#57
1,3-Dichloropropane
Concen: 24.898 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 3292
Ion Ratio Lower Upper
76 100
78 32.4 26.3 39.5

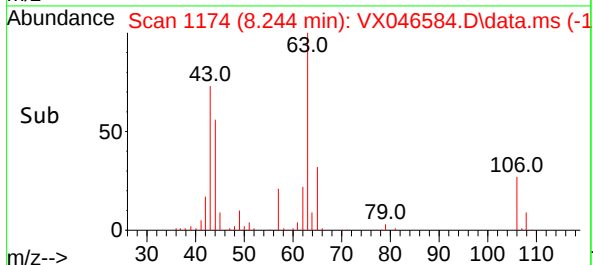
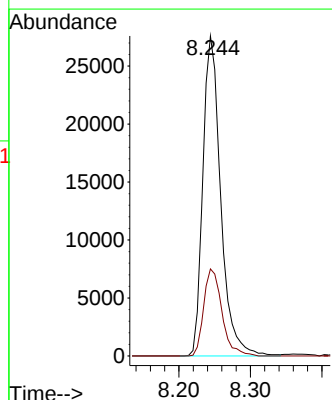
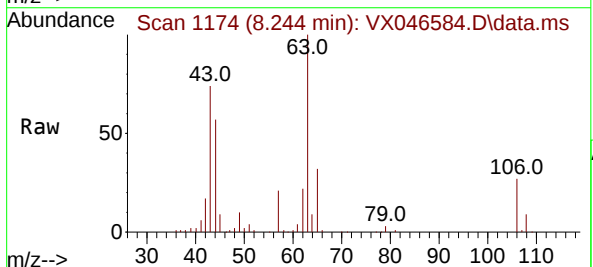
Manual Integrations
APPROVED

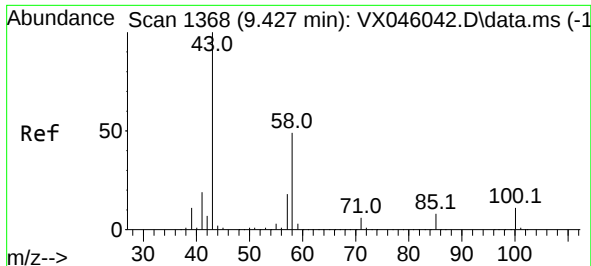
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#58
2-Chloroethyl Vinyl ether
Concen: 76.491 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 63 Resp: 47974
Ion Ratio Lower Upper
63 100
106 27.7 21.5 32.3





#59

2-Hexanone

Concen: 108.575 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 90734

Ion Ratio Lower Upper

43 100

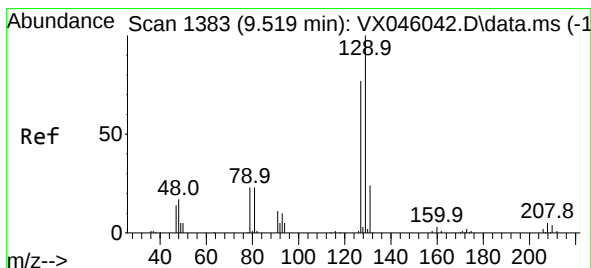
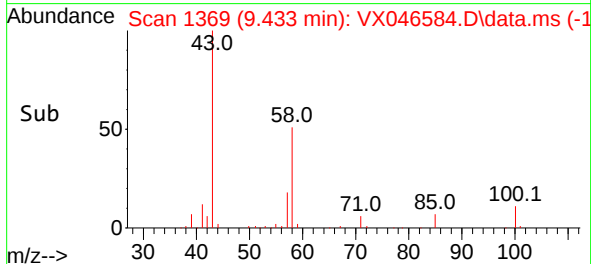
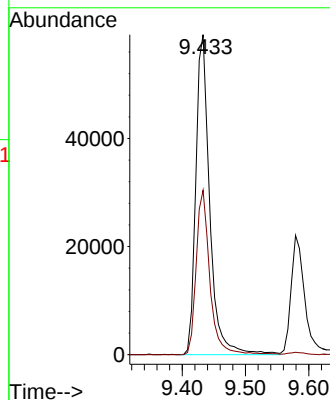
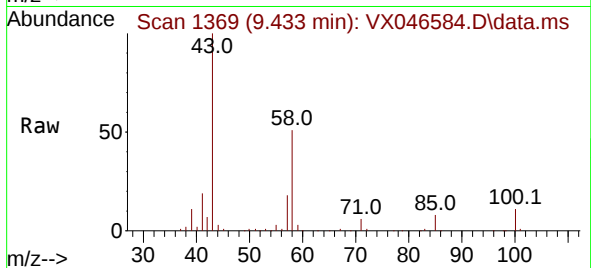
58 50.6 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#60

Dibromochloromethane

Concen: 24.344 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.001 min

Lab File: VX046584.D

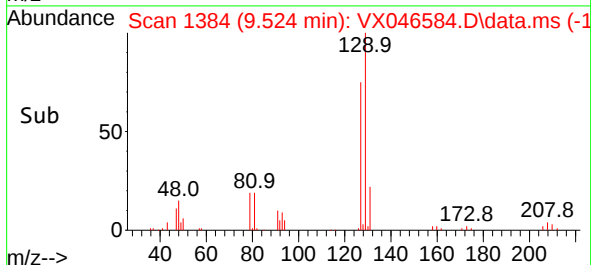
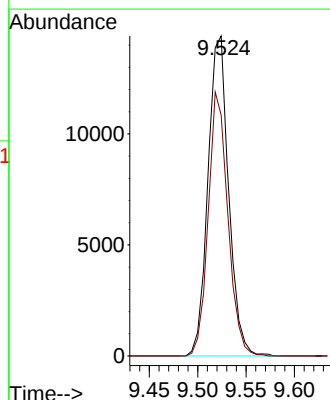
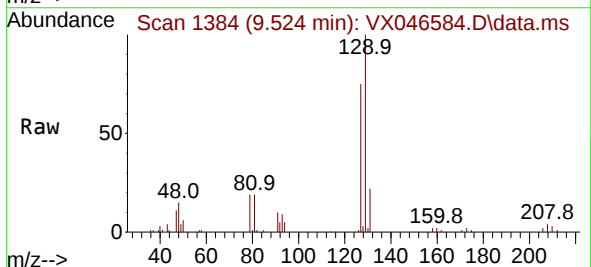
Acq: 09 Jun 2025 16:51

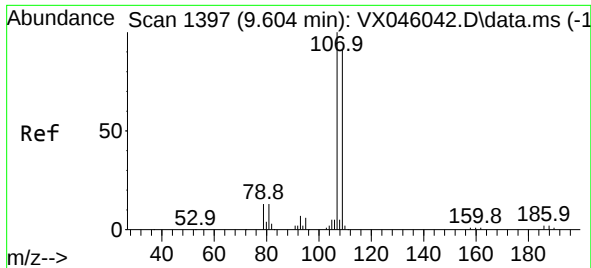
Tgt Ion:129 Resp: 21426

Ion Ratio Lower Upper

129 100

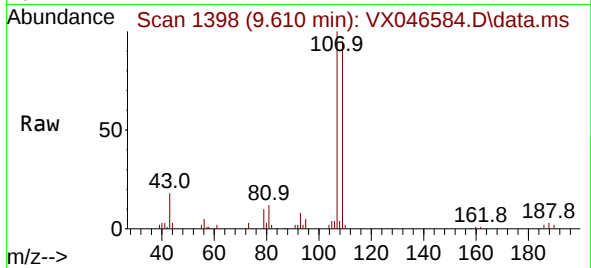
127 78.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 23.718 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

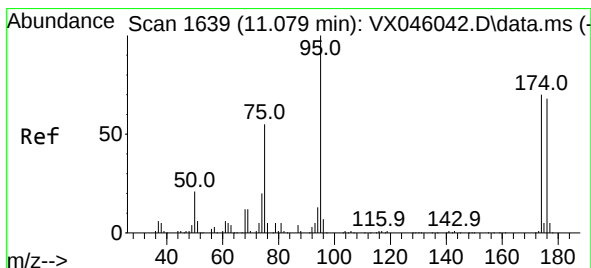
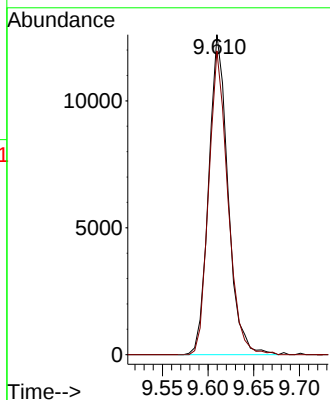
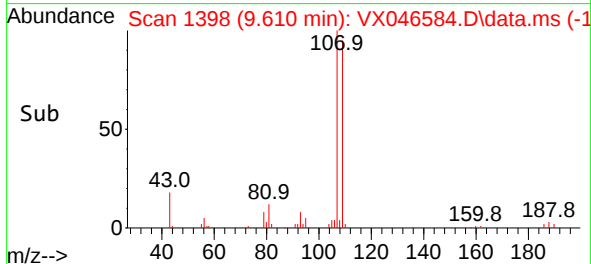
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 1849
Ion Ratio Lower Upper
107 100
109 94.3 73.3 109.9

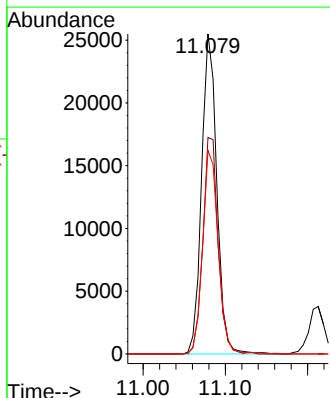
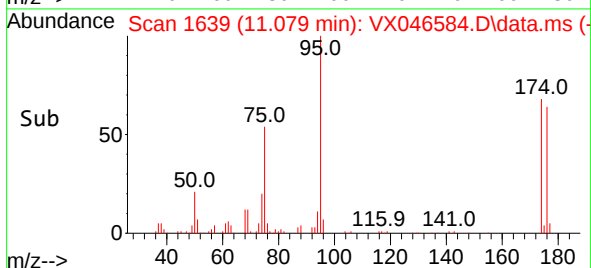
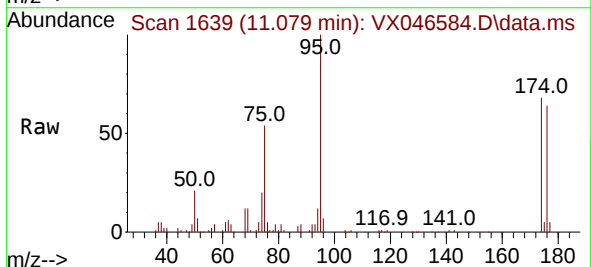
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#62
4-Bromofluorobenzene
Concen: 31.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion: 95 Resp: 32723
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.2 0.0 131.4





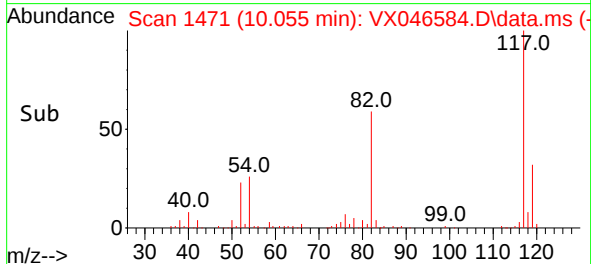
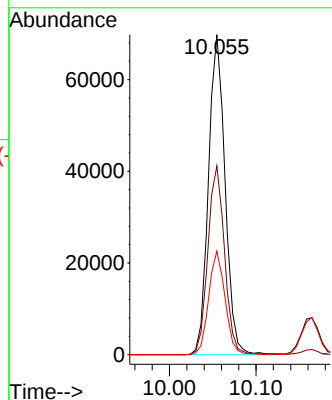
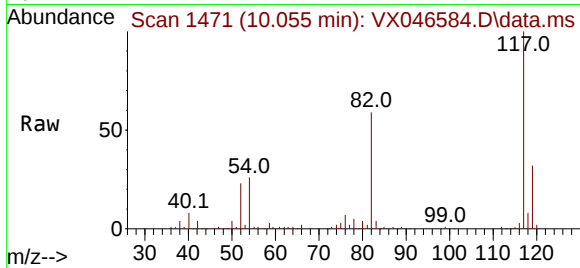
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 9287
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 32.4 25.8 38.6

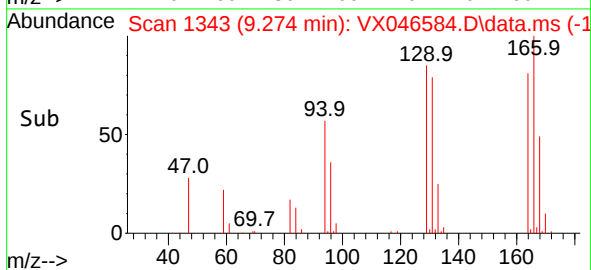
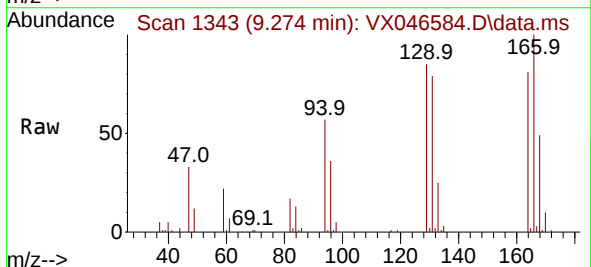
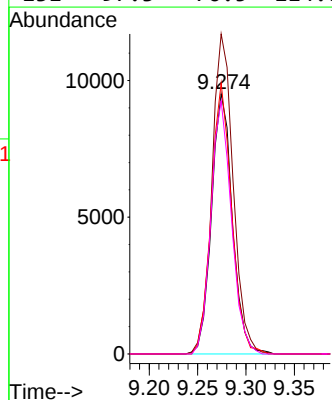
Manual Integrations
APPROVED

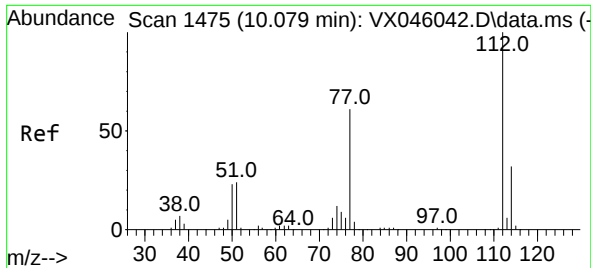
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#64
Tetrachloroethene
Concen: 22.890 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion:164 Resp: 14216
Ion Ratio Lower Upper
164 100
166 123.0 105.0 157.6
129 104.1 83.5 125.3
131 97.3 76.5 114.7





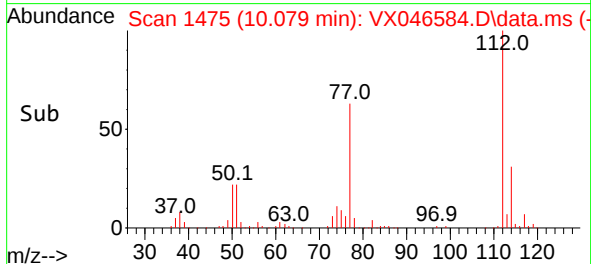
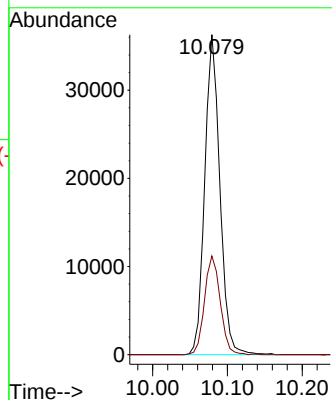
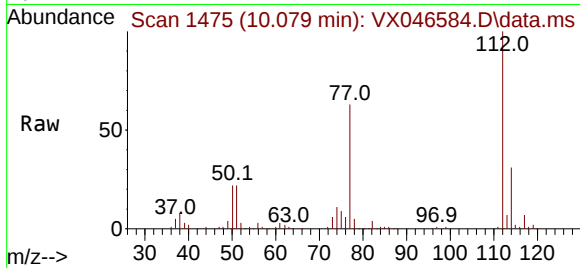
#65
Chlorobenzene
Concen: 23.369 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 5104
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2

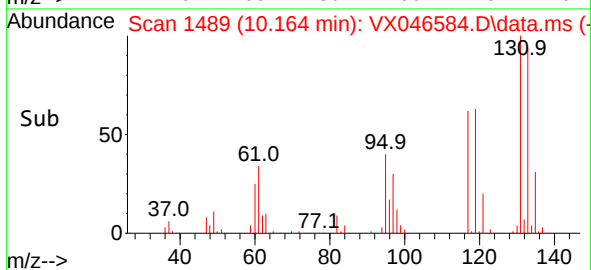
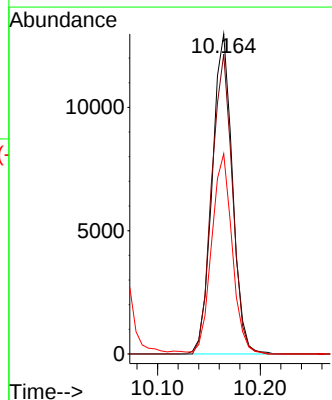
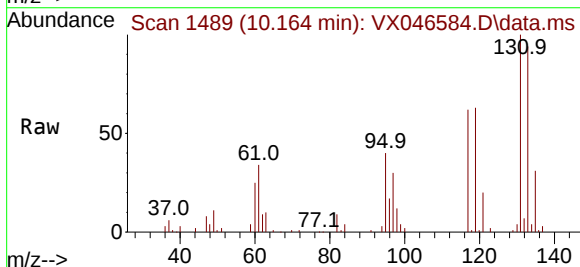
Manual Integrations
APPROVED

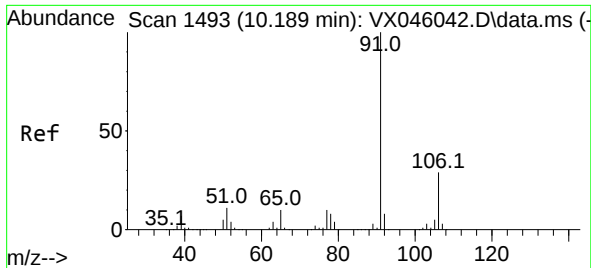
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 24.028 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion:131 Resp: 17736
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 63.3 31.6 95.0





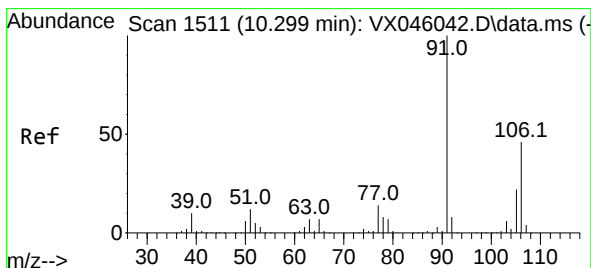
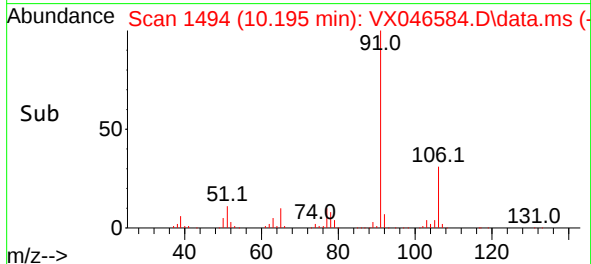
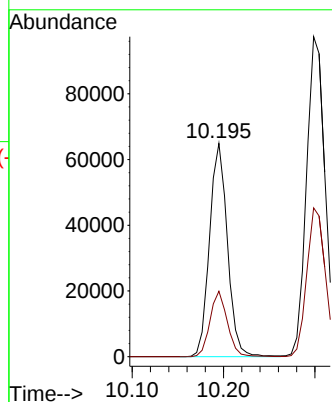
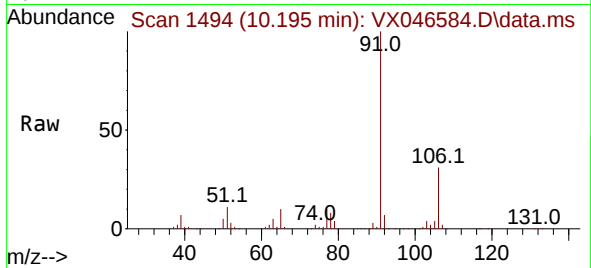
#67
Ethyl Benzene
Concen: 23.143 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 8825
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.2

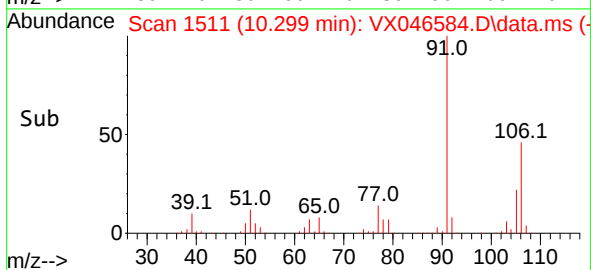
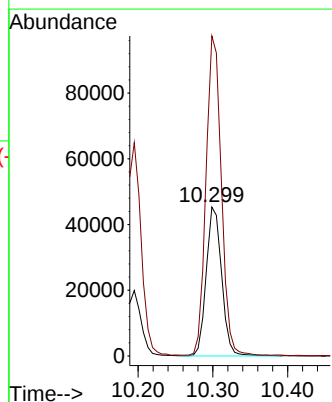
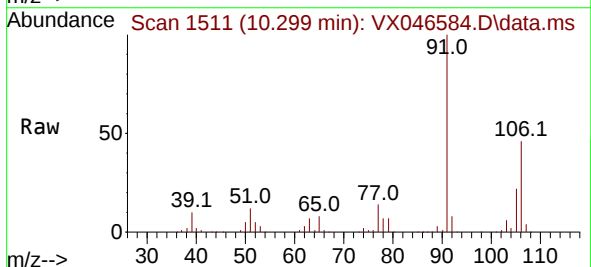
Manual Integrations
APPROVED

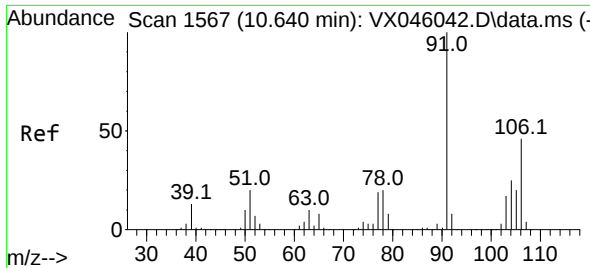
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#68
m/p-Xylenes
Concen: 47.011 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion:106 Resp: 65030
Ion Ratio Lower Upper
106 100
91 212.7 171.2 256.8





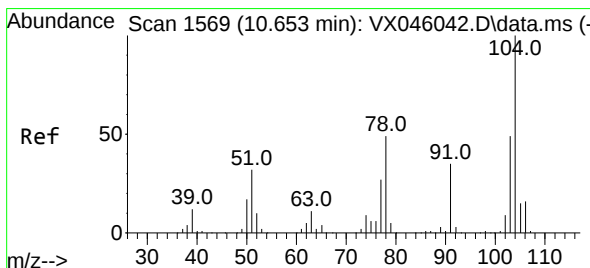
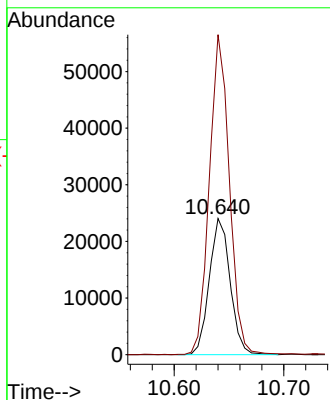
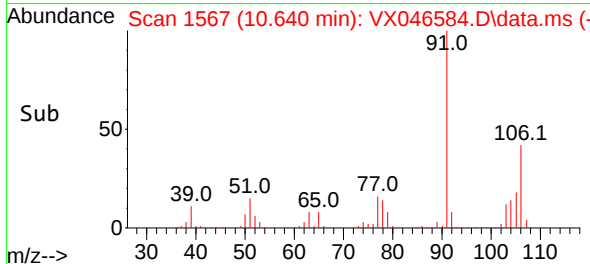
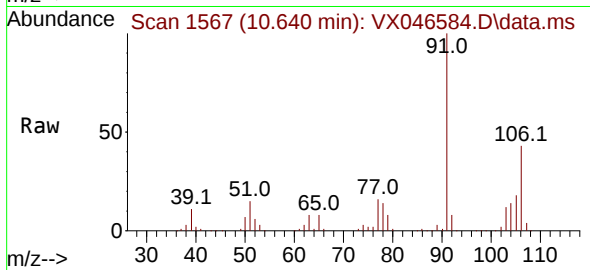
#69
o-Xylene
Concen: 23.729 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 31749
Ion Ratio Lower Upper
106 100
91 226.6 112.7 338.1

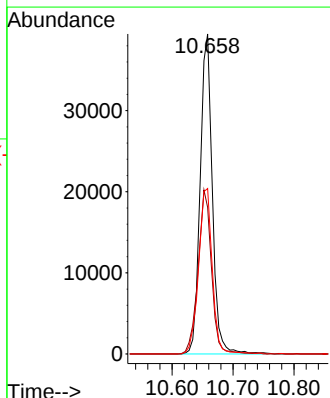
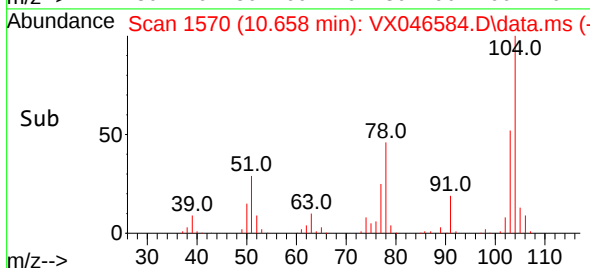
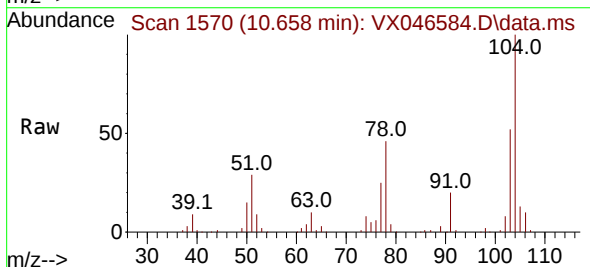
Manual Integrations
APPROVED

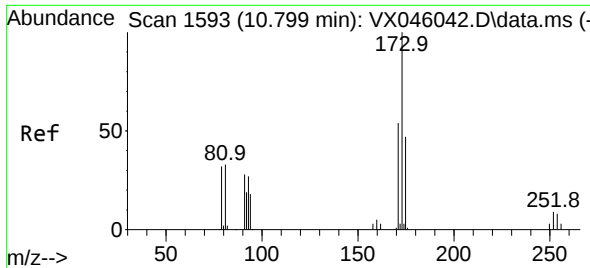
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#70
Styrene
Concen: 23.954 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

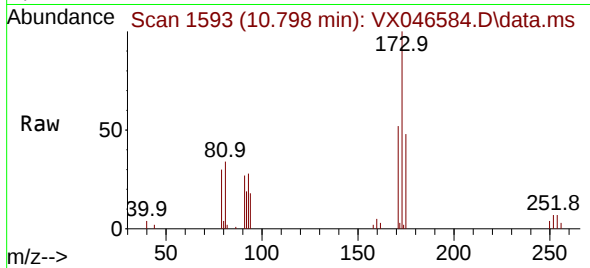
Tgt Ion:104 Resp: 54864
Ion Ratio Lower Upper
104 100
78 56.4 45.7 68.5
103 58.1 43.7 65.5





#71
Bromoform
Concen: 22.020 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

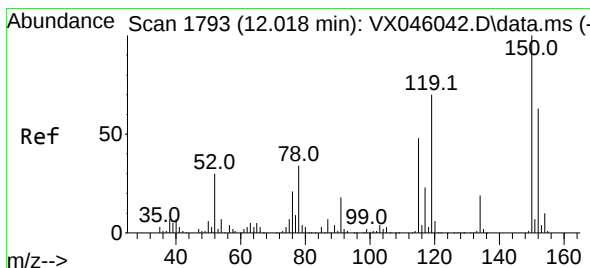
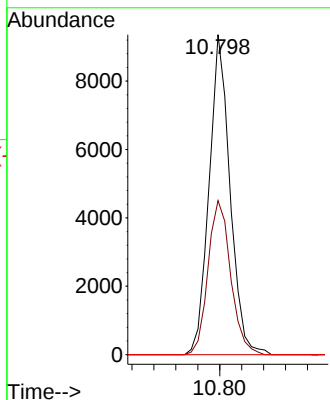
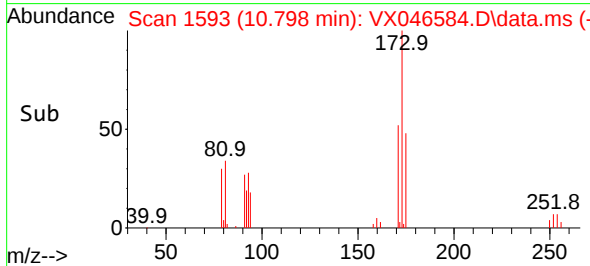
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 1239
Ion Ratio Lower Upper
173 100
175 52.2 23.4 70.0
254 0.0 0.0 0.0

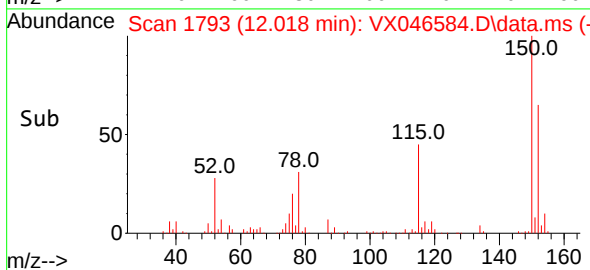
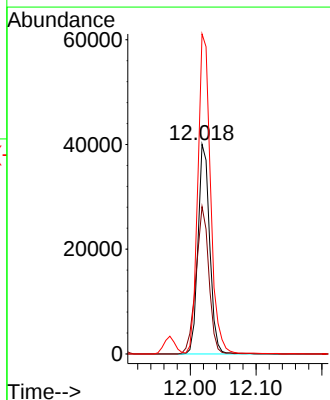
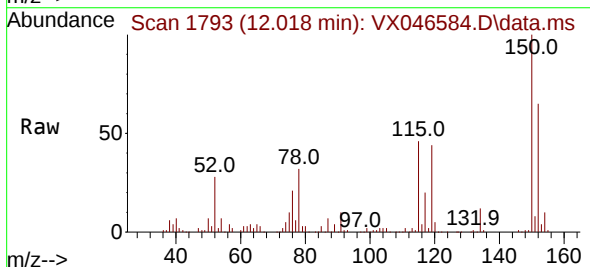
Manual Integrations
APPROVED

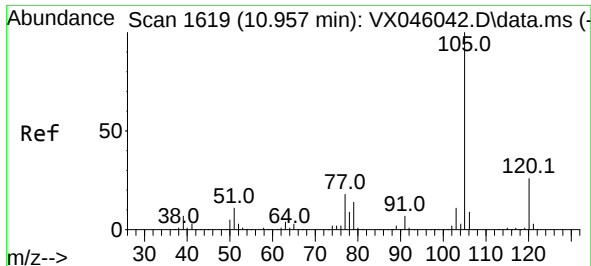
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Tgt Ion:152 Resp: 49447
Ion Ratio Lower Upper
152 100
115 77.8 46.9 140.7
150 166.6 0.0 351.0





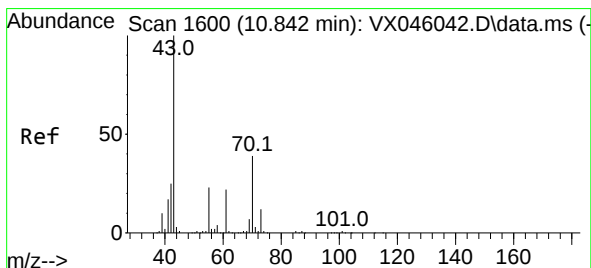
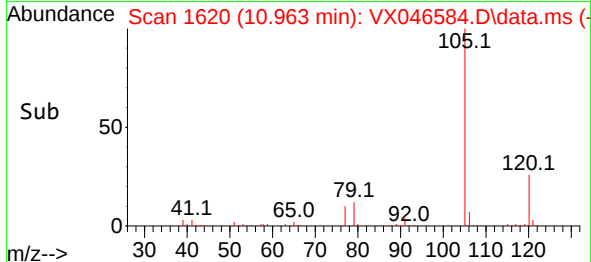
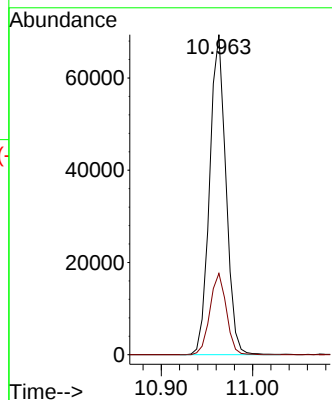
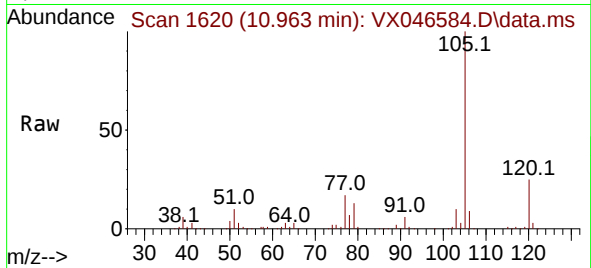
#73
Isopropylbenzene
Concen: 22.064 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 8576
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

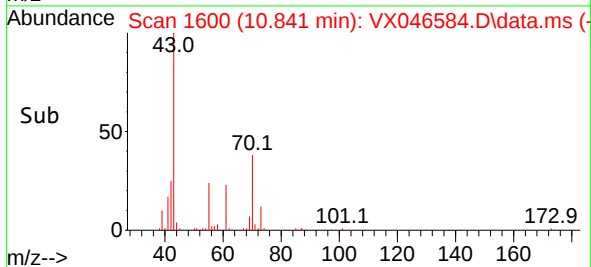
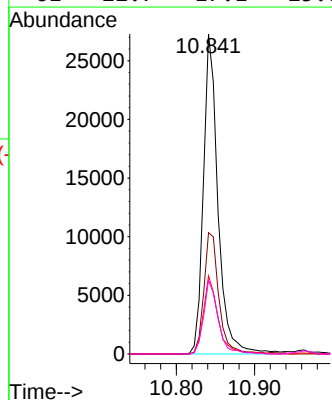
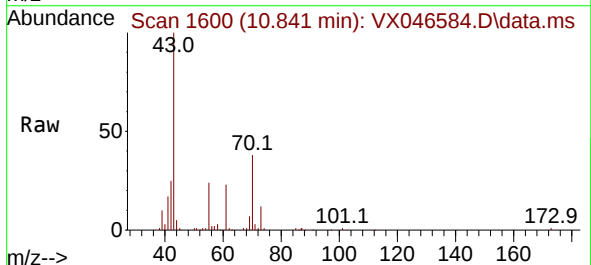
Manual Integrations
APPROVED

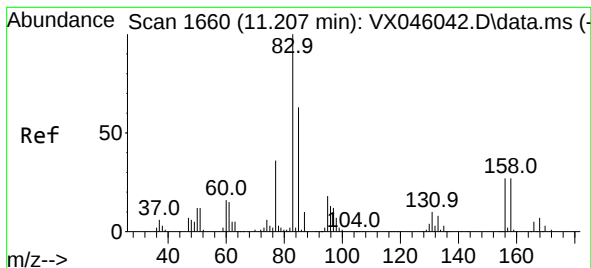
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#74
N-ethyl acetate
Concen: 20.615 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

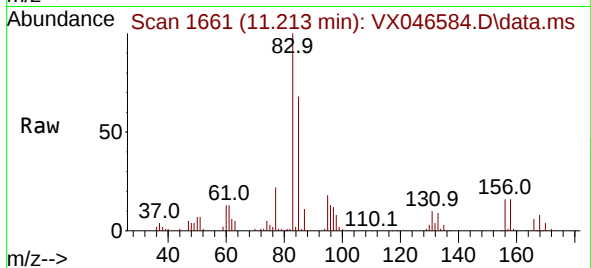
Tgt Ion: 43 Resp: 35287
Ion Ratio Lower Upper
43 100
70 39.0 30.9 46.3
55 24.4 18.7 28.1
61 22.7 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.557 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

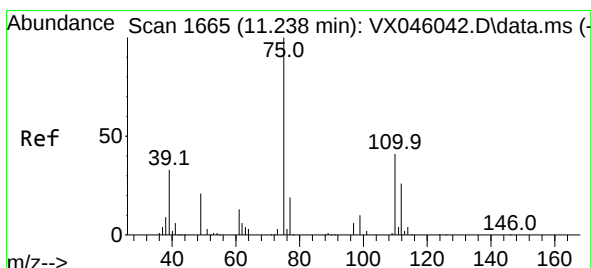
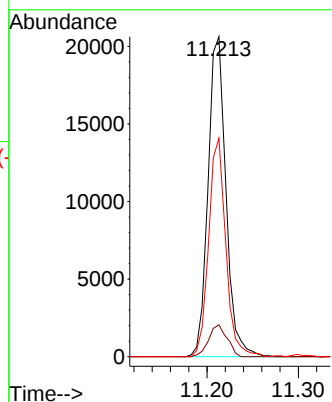
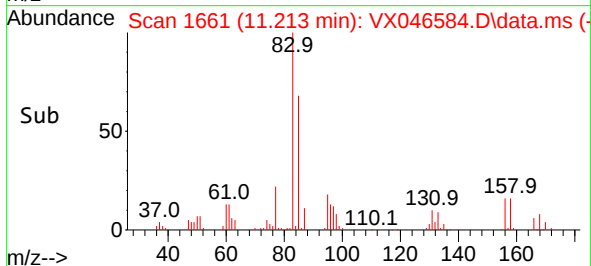
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



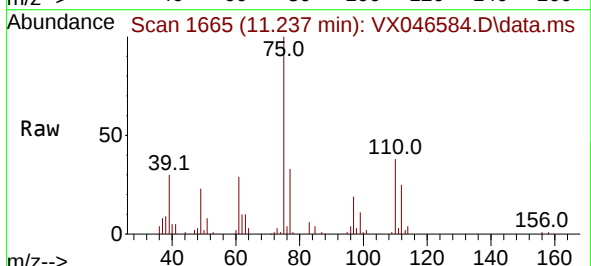
Tgt Ion: 83 Resp: 2806
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 65.3 31.9 95.7

Manual Integrations
APPROVED

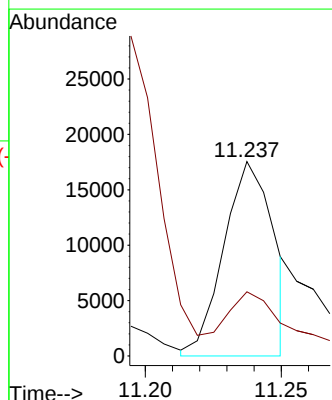
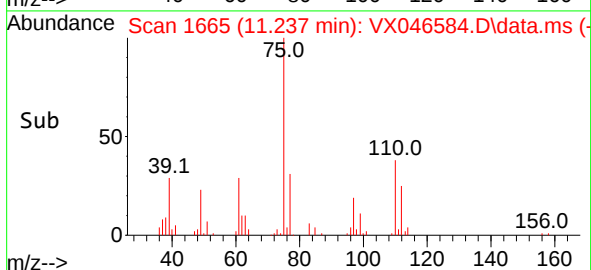
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

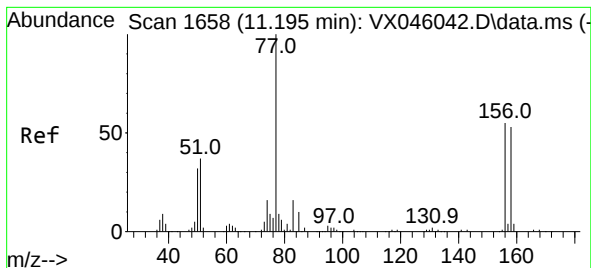


#76
1,2,3-Trichloropropane
Concen: 21.361 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



Tgt Ion: 75 Resp: 22372
Ion Ratio Lower Upper
75 100
77 43.2 20.5 61.5





#77

Bromobenzene

Concen: 22.893 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

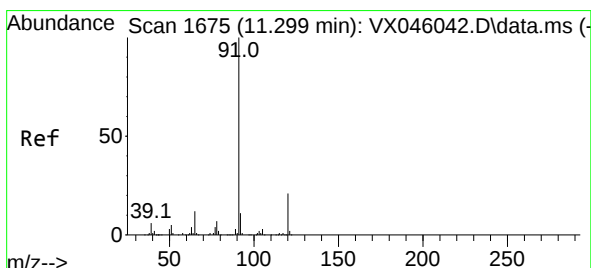
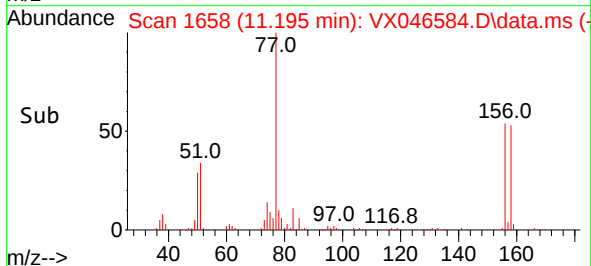
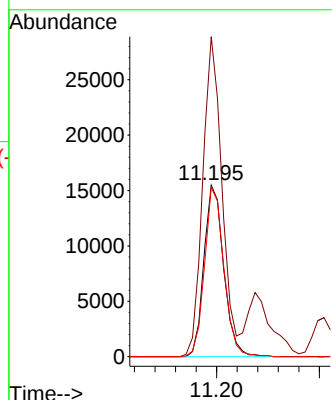
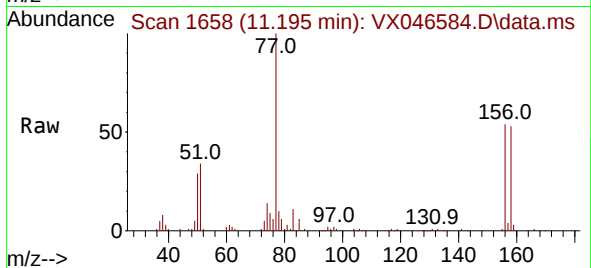
Tgt Ion:	156	Resp:	20654
Ion Ratio	Lower	Upper	
156	100		
77	180.4	92.8	278.3
158	97.0	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#78

n-propylbenzene

Concen: 22.040 ug/l

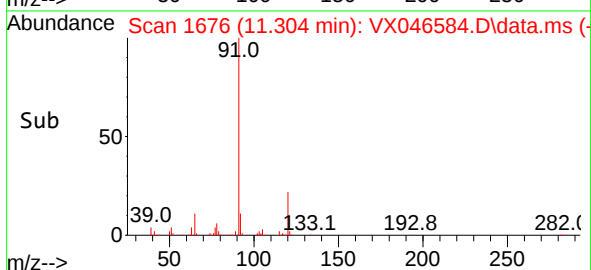
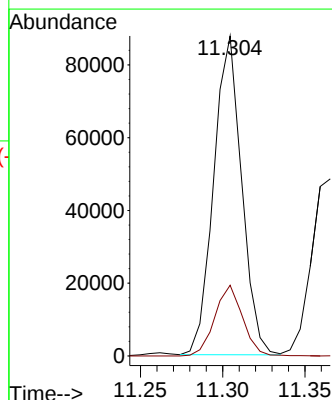
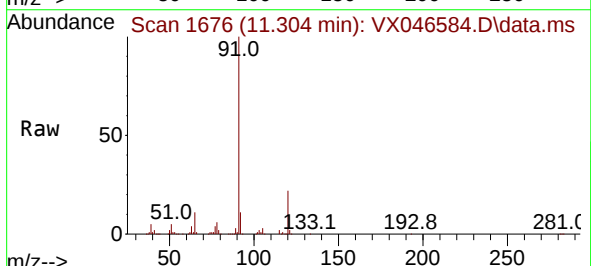
RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Tgt Ion:	91	Resp:	103691
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.8	32.4





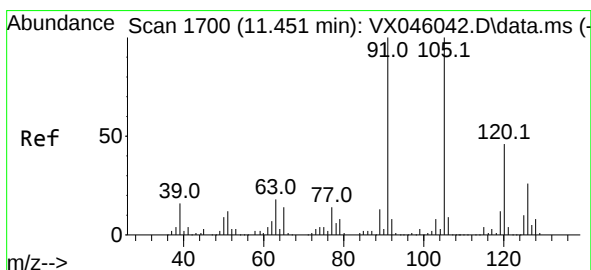
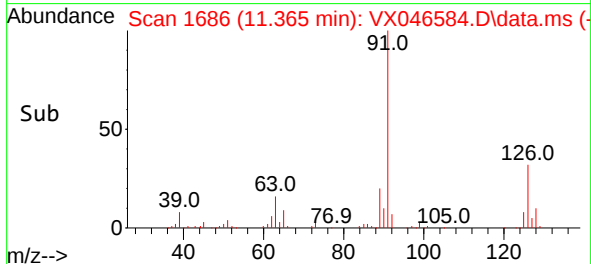
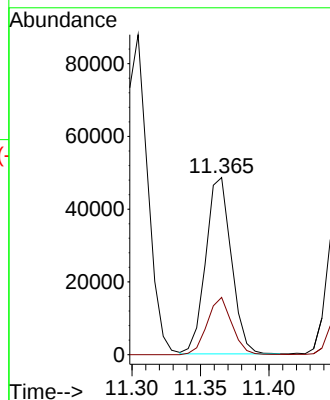
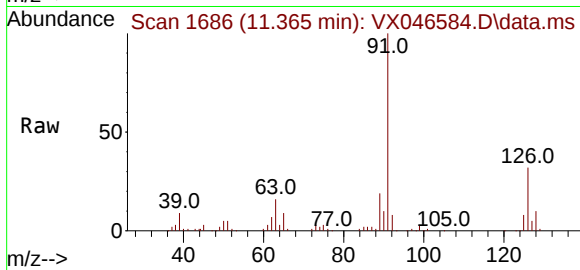
#79
2-Chlorotoluene
Concen: 22.265 ug/l
RT: 11.365 min Scan# 1136
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 6316
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7

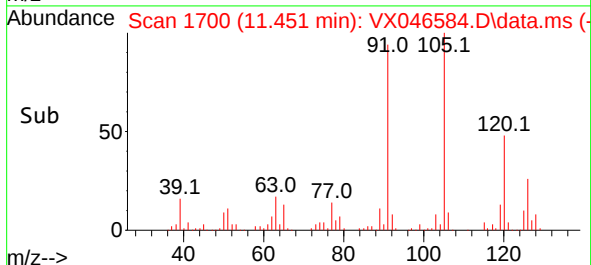
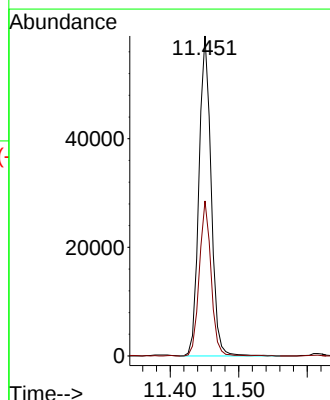
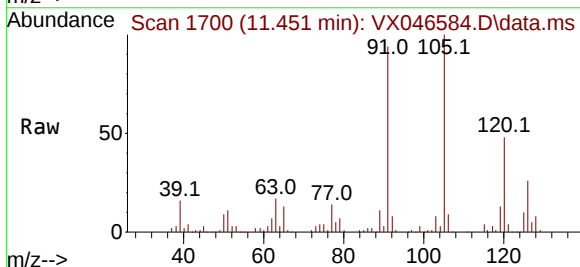
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.466 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

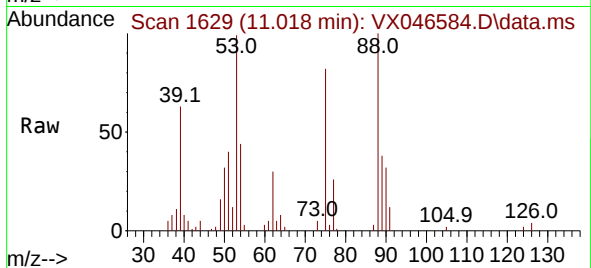
Tgt Ion:105 Resp: 72770
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.624 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

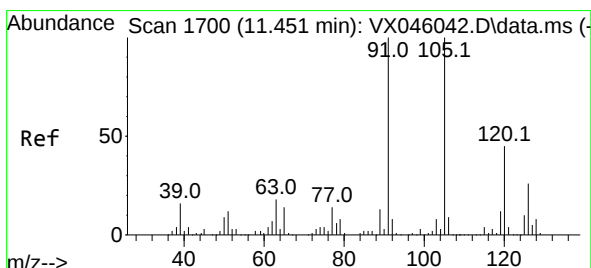
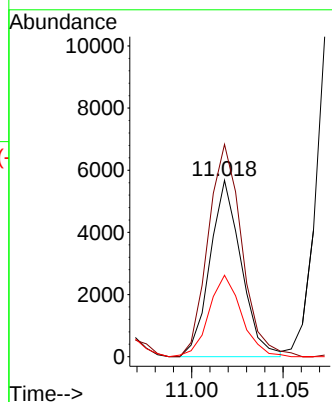
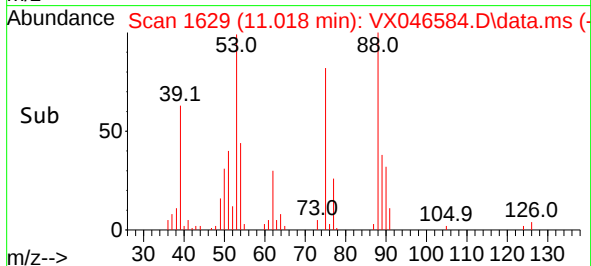
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6762
Ion Ratio Lower Upper
75 100
53 129.8 100.5 150.7
89 48.1 37.0 55.6

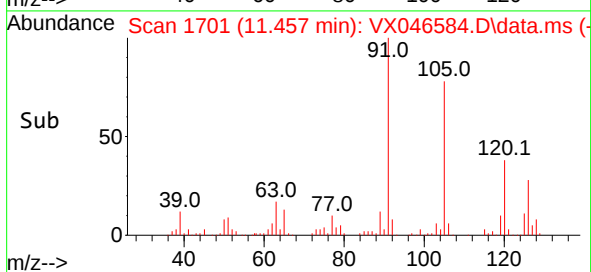
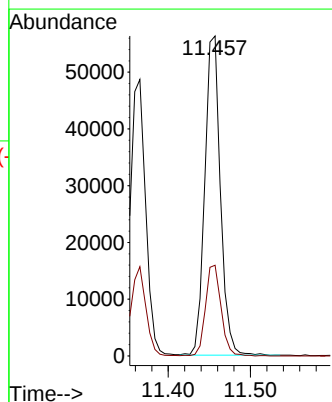
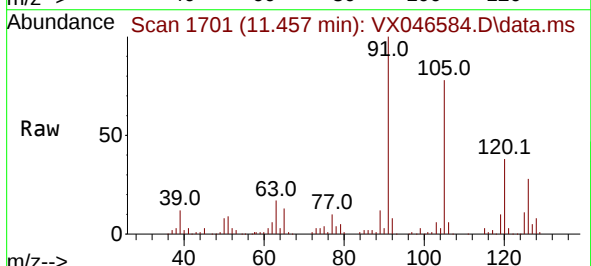
Manual Integrations
APPROVED

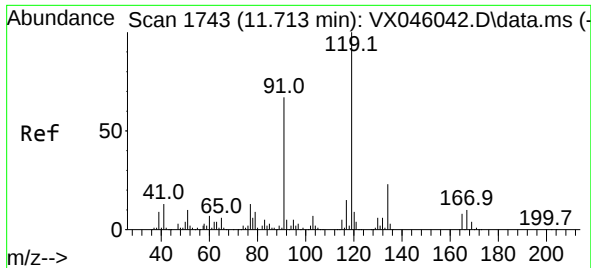
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#82
4-Chlorotoluene
Concen: 22.076 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

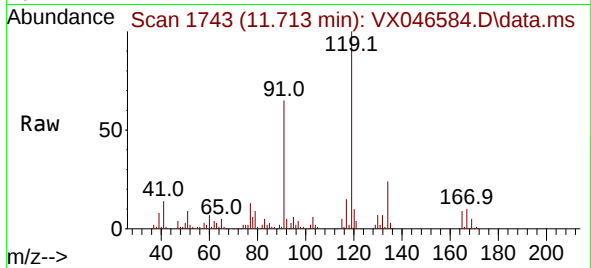
Tgt Ion: 91 Resp: 74236
Ion Ratio Lower Upper
91 100
126 28.4 13.3 39.8





#83
tert-Butylbenzene
Concen: 22.036 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

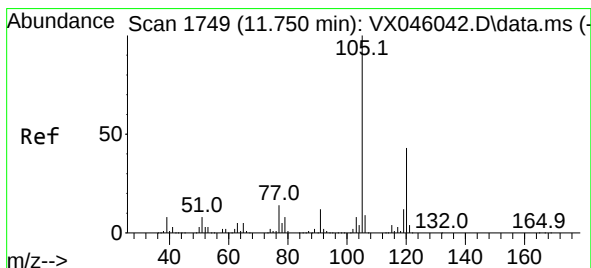
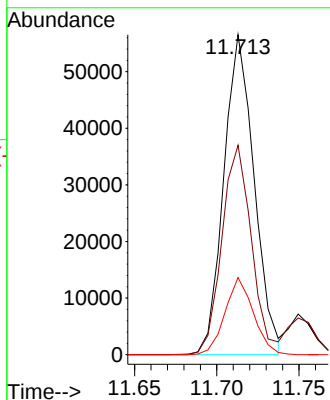
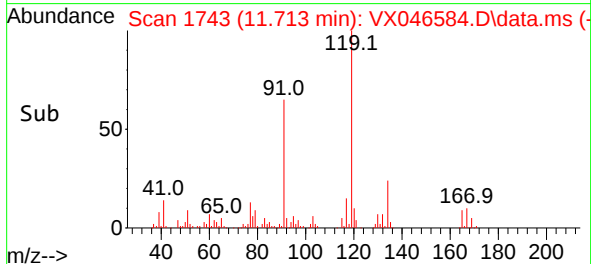
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



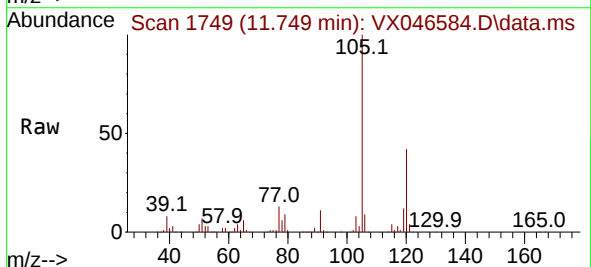
Tgt Ion:119 Resp: 72660
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.7
134 22.6 11.4 34.1

Manual Integrations
APPROVED

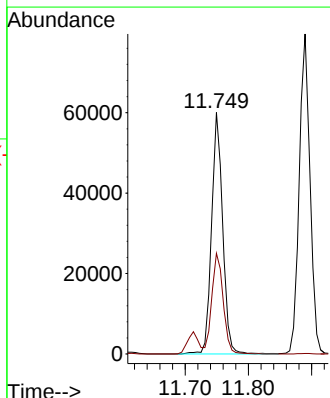
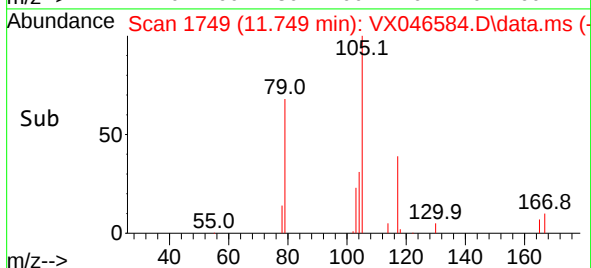
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

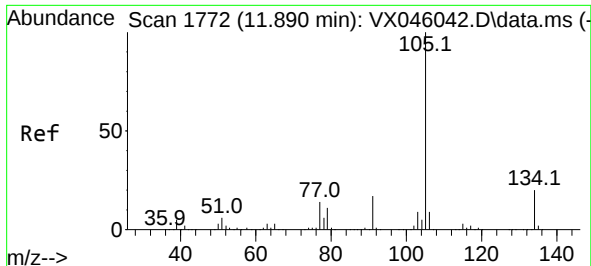


#84
1,2,4-Trimethylbenzene
Concen: 22.386 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



Tgt Ion:105 Resp: 73353
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 22.200 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046584.D
 Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

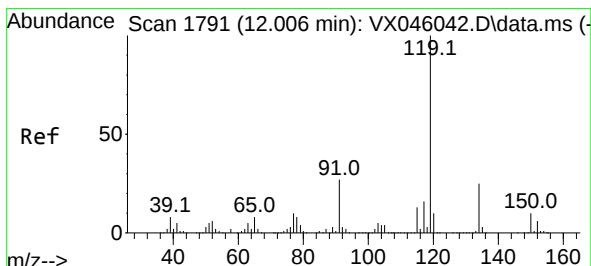
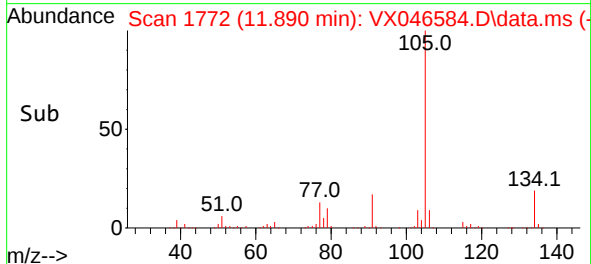
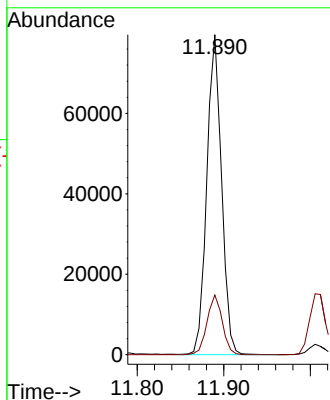
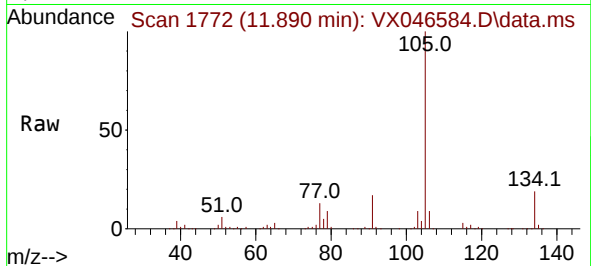
VSTDCCC050EC

Tgt Ion:105 Resp: 9405
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations

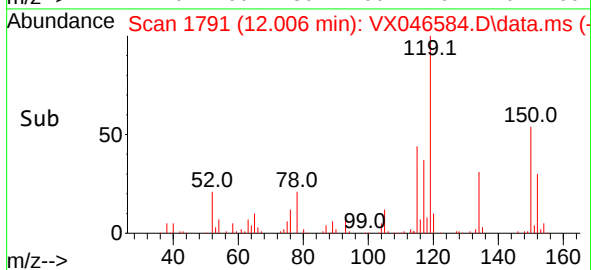
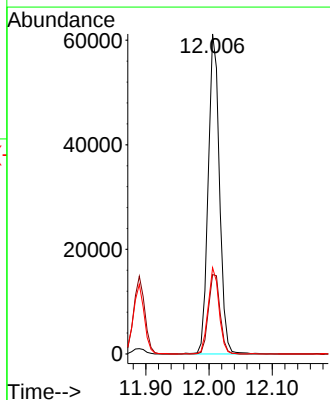
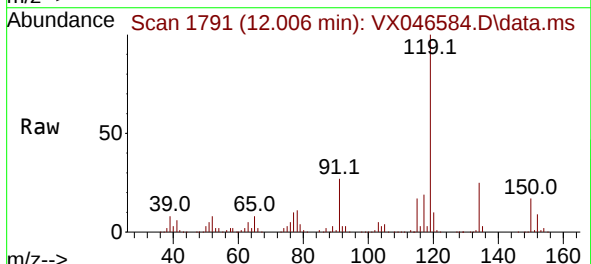
APPROVED

Reviewed By :John Carlone 06/10/2025
 Supervised By :Mahesh Dadoda 06/10/2025



#86
 p-Isopropyltoluene
 Concen: 21.497 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046584.D
 Acq: 09 Jun 2025 16:51

Tgt Ion:119 Resp: 75927
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.5 37.5
 91 26.0 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 22.423 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 39285

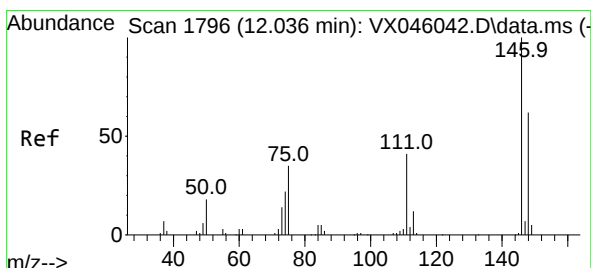
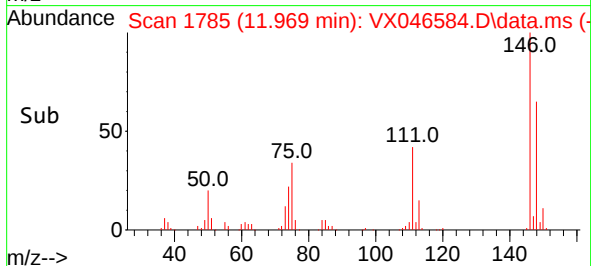
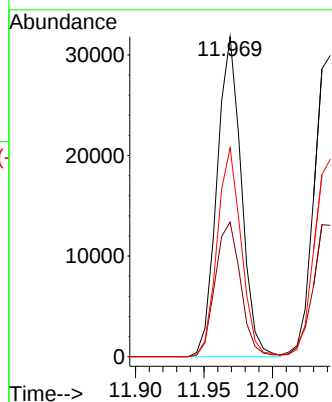
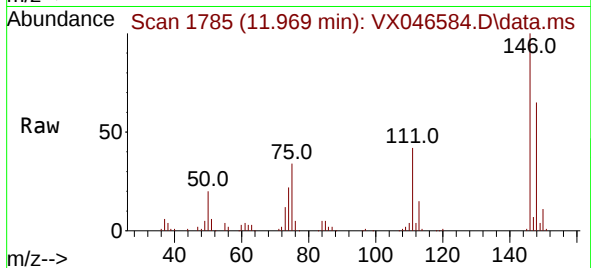
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.3
148	64.2	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#88

1,4-Dichlorobenzene

Concen: 22.213 ug/l

RT: 12.042 min Scan# 1797

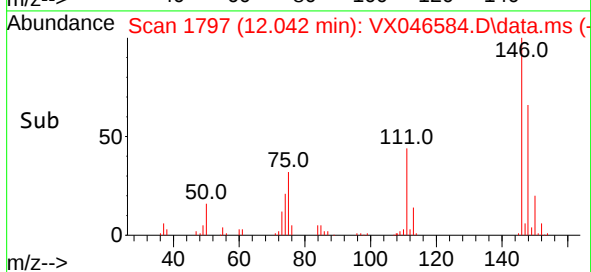
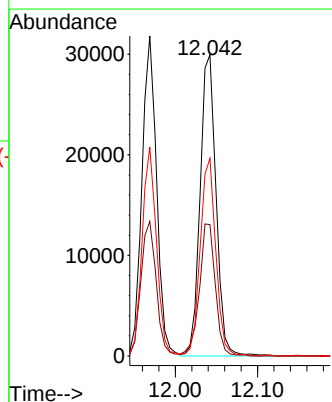
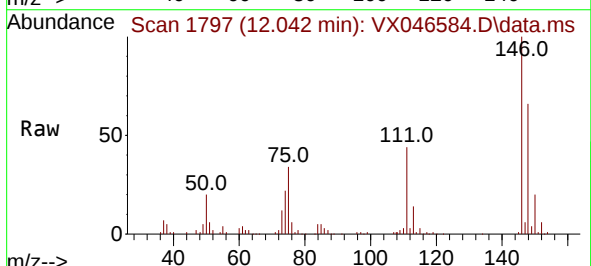
Delta R.T. 0.000 min

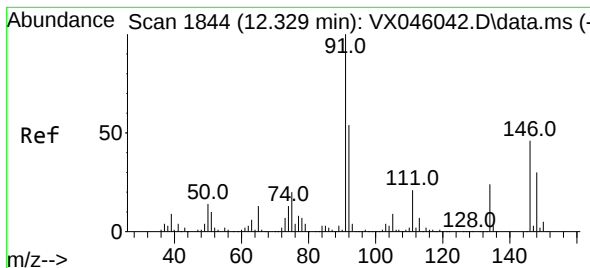
Lab File: VX046584.D

Acq: 09 Jun 2025 16:51

Tgt Ion:146 Resp: 40325

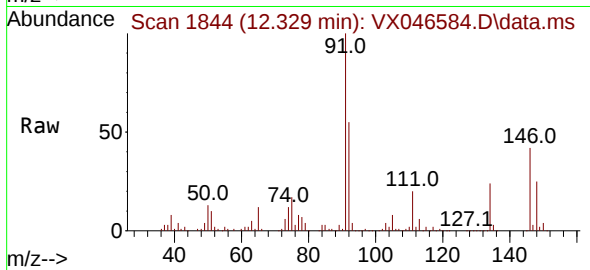
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.3	63.9
148	64.3	31.9	95.5





#89
n-Butylbenzene
Concen: 21.290 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

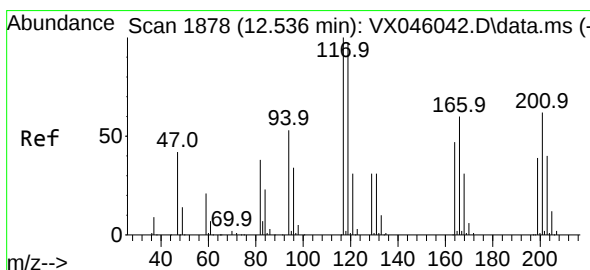
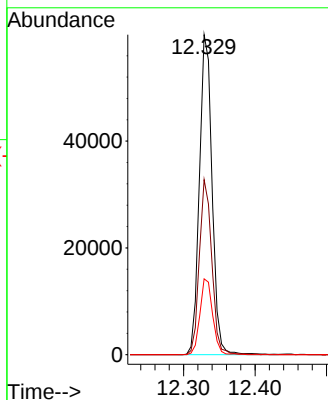
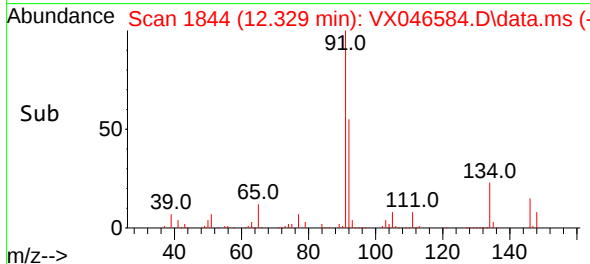
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 7384
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 23.8 11.8 35.3

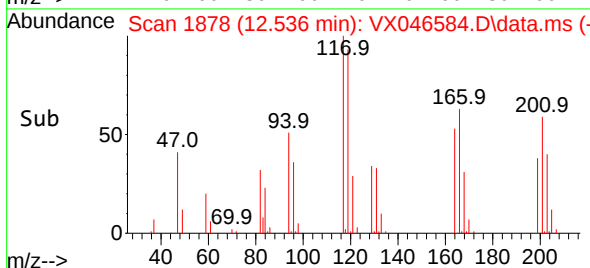
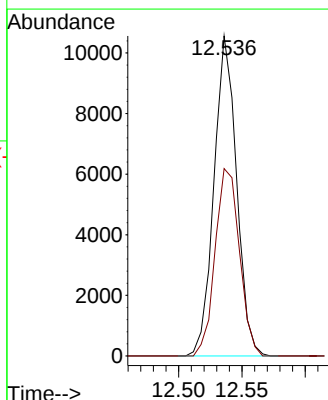
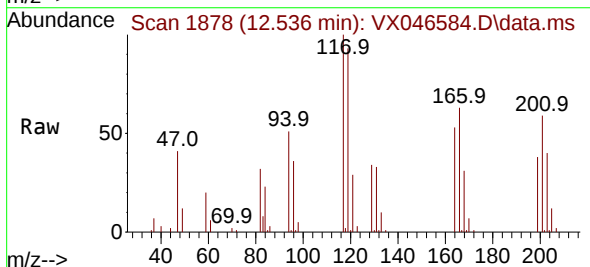
Manual Integrations
APPROVED

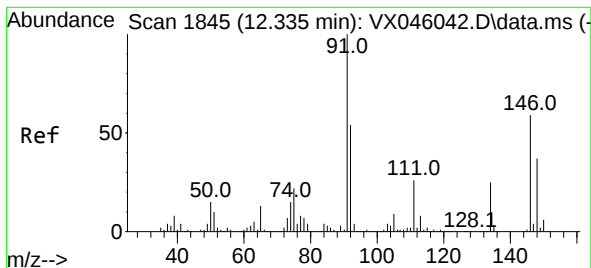
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#90
Hexachloroethane
Concen: 20.864 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

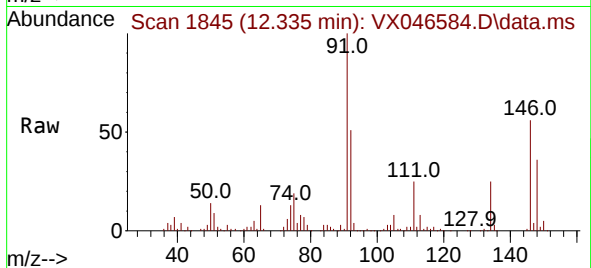
Tgt Ion:117 Resp: 13098
Ion Ratio Lower Upper
117 100
201 63.0 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 23.365 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

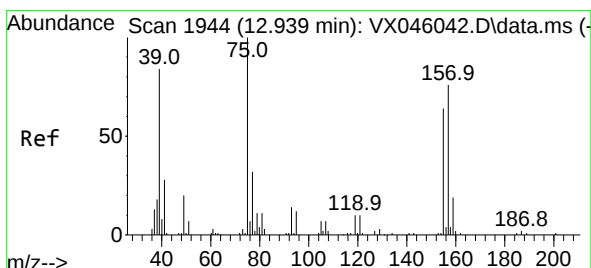
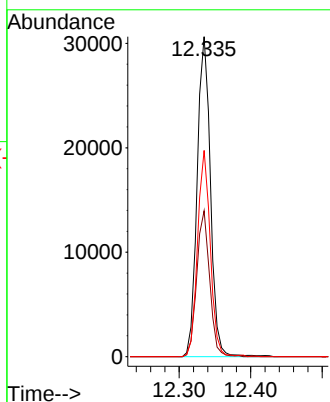
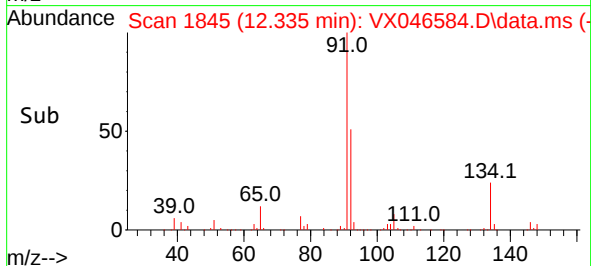
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



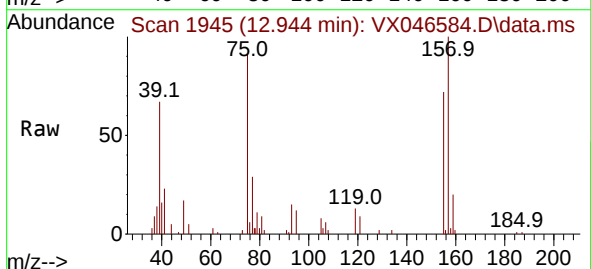
Tgt Ion:146 Resp: 3951
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.3
148 61.8 31.6 94.8

Manual Integrations
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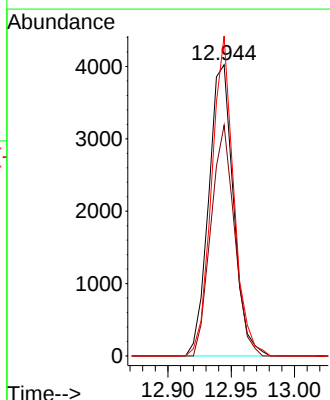
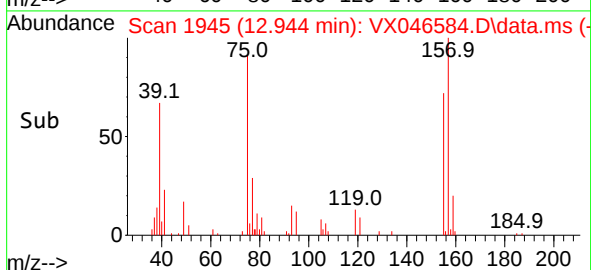
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

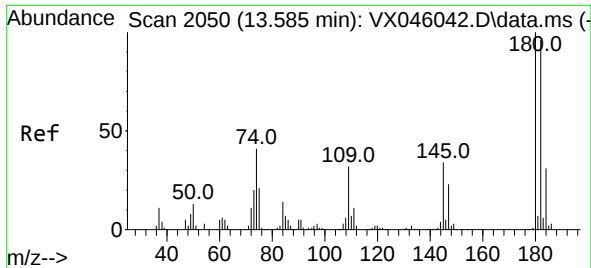


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.655 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.005 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



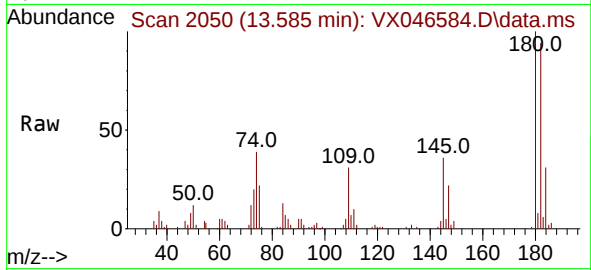
Tgt Ion: 75 Resp: 5476
Ion Ratio Lower Upper
75 100
155 75.0 34.9 104.8
157 97.8 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 21.363 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

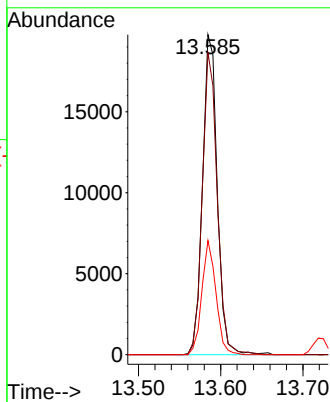
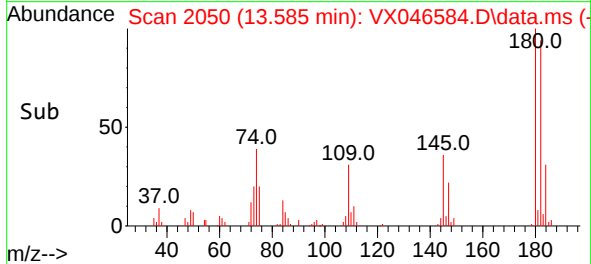
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



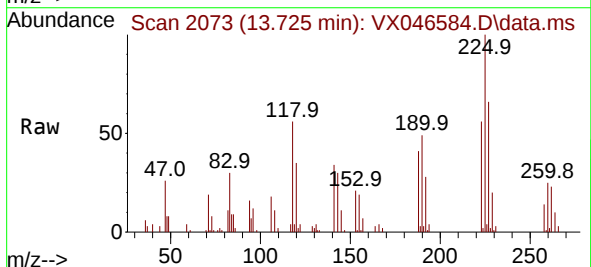
Tgt Ion:180 Resp: 2464
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 34.2 17.1 51.2

Manual Integrations
APPROVED

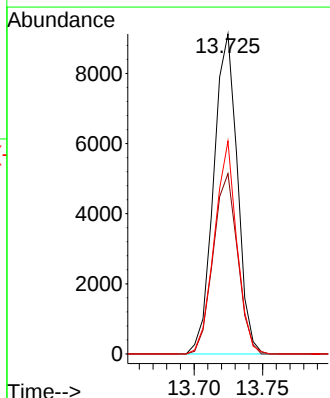
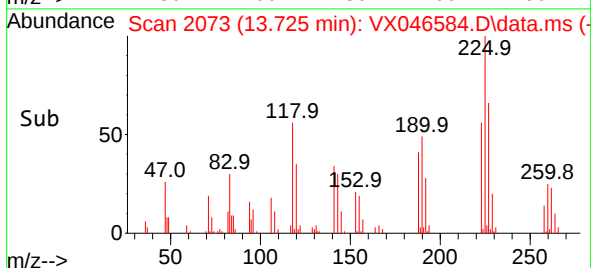
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#94
Hexachlorobutadiene
Concen: 20.458 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



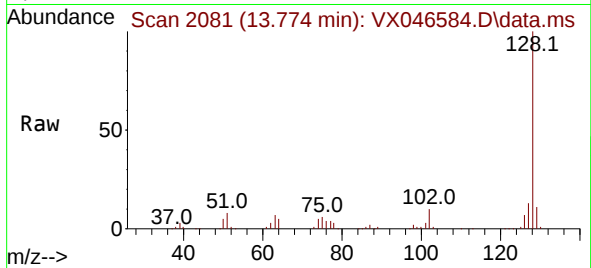
Tgt Ion:225 Resp: 10968
Ion Ratio Lower Upper
225 100
223 57.8 30.8 92.4
227 63.0 30.9 92.7





#95
Naphthalene
Concen: 20.979 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51

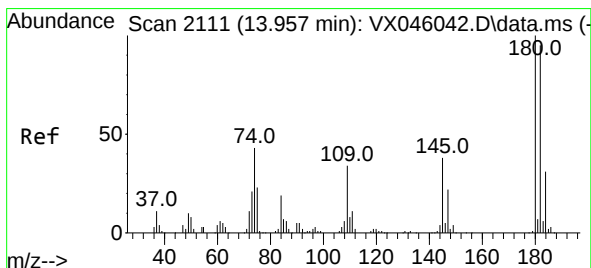
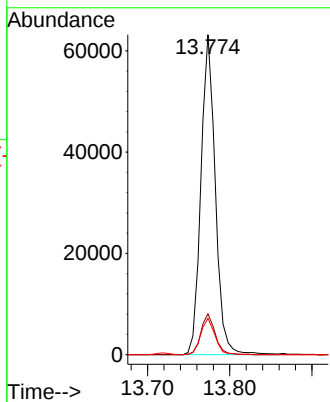
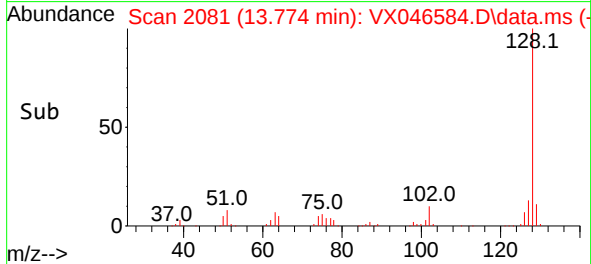
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



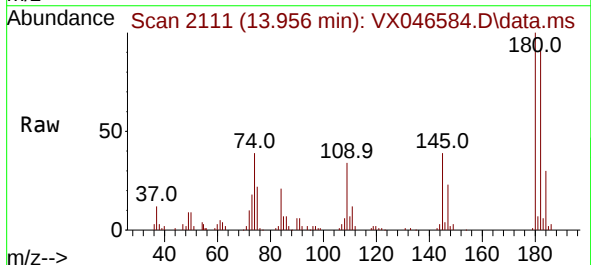
Tgt Ion:128 Resp: 76750
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.311 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.001 min
Lab File: VX046584.D
Acq: 09 Jun 2025 16:51



Tgt Ion:180 Resp: 24652
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 37.2 18.1 54.3

