

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047369.D
 Acq On : 15 Aug 2025 17:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 04:37:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	247357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	423716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	171384	49.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.020%		
35) Dibromofluoromethane	5.397	113	135646	49.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	8.653	98	478569	48.689	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.079	95	180848	49.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	158651	50.314	ug/l	100
3) Chloromethane	1.313	50	134270	47.334	ug/l	99
4) Vinyl Chloride	1.392	62	171563	48.186	ug/l	98
5) Bromomethane	1.630	94	76702	53.336	ug/l	96
6) Chloroethane	1.703	64	101952	46.802	ug/l	98
7) Trichlorofluoromethane	1.910	101	253193	48.077	ug/l	99
8) Diethyl Ether	2.148	74	90479	48.793	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	150994	49.427	ug/l	99
10) Methyl Iodide	2.471	142	220054	42.033	ug/l	98
11) Tert butyl alcohol	2.965	59	79179	262.913	ug/l	97
12) 1,1-Dichloroethene	2.337	96	152014	48.810	ug/l	97
13) Acrolein	2.251	56	138429	217.746	ug/l	98
14) Allyl chloride	2.684	41	257321	47.570	ug/l	99
15) Acrylonitrile	3.081	53	385440	264.860	ug/l	99
16) Acetone	2.392	43	299321	230.028	ug/l	97
17) Carbon Disulfide	2.532	76	421504	44.850	ug/l	100
18) Methyl Acetate	2.715	43	177638	52.680	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	465768	49.159	ug/l	98
20) Methylene Chloride	2.806	84	163125	47.342	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	157906	47.770	ug/l	95
22) Diisopropyl ether	3.776	45	531257	49.685	ug/l	94
23) Vinyl Acetate	3.733	43	2202905	251.356	ug/l	100
24) 1,1-Dichloroethane	3.629	63	293208	48.514	ug/l	99
25) 2-Butanone	4.574	43	438422	257.259	ug/l	97
26) 2,2-Dichloropropane	4.495	77	207612	45.513	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	184588	47.944	ug/l	98
28) Bromochloromethane	4.916	49	125336	49.836	ug/l	99
29) Tetrahydrofuran	5.025	42	286476	260.079	ug/l	99
30) Chloroform	5.111	83	298914	48.462	ug/l	100
31) Cyclohexane	5.489	56	262926	47.193	ug/l	98
32) 1,1,1-Trichloroethane	5.403	97	253848	47.814	ug/l	99
36) 1,1-Dichloropropene	5.708	75	202458	46.638	ug/l	98
37) Ethyl Acetate	4.727	43	222836	49.446	ug/l	99
38) Carbon Tetrachloride	5.690	117	222454	46.894	ug/l	99
39) Methylcyclohexane	7.385	83	253595	46.834	ug/l	96
40) Benzene	6.050	78	621000	47.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	98224	51.686	ug/l	98
42) 1,2-Dichloroethane	6.098	62	217943	47.354	ug/l	100
43) Isopropyl Acetate	6.348	43	325347	50.253	ug/l	99
44) Trichloroethene	7.135	130	158017	47.495	ug/l	99
45) 1,2-Dichloropropane	7.440	63	154952	47.602	ug/l	97
46) Dibromomethane	7.586	93	112171	47.466	ug/l	99
47) Bromodichloromethane	7.824	83	232890	47.537	ug/l	99
48) Methyl methacrylate	7.696	41	168816	50.235	ug/l	99
49) 1,4-Dioxane	7.683	88	30822	943.476	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	985485	264.515	ug/l	99
52) Toluene	8.720	92	385041	47.956	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	210802	49.301	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	233636	48.275	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	147563	48.406	ug/l	97
56) Ethyl methacrylate	9.116	69	228646	50.873	ug/l	98
57) 1,3-Dichloropropane	9.311	76	251527	48.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	495476	231.506	ug/l	98
59) 2-Hexanone	9.433	43	678869	263.424	ug/l	100
60) Dibromochloromethane	9.518	129	171539	47.350	ug/l	100
61) 1,2-Dibromoethane	9.610	107	151027	48.044	ug/l	100
64) Tetrachloroethene	9.275	164	128802	47.219	ug/l	98
65) Chlorobenzene	10.079	112	419976	46.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	143495	47.366	ug/l	99
67) Ethyl Benzene	10.195	91	742426	48.132	ug/l	100
68) m/p-Xylenes	10.299	106	556218	96.708	ug/l	99
69) o-Xylene	10.640	106	267582	48.345	ug/l	99
70) Styrene	10.652	104	465494	49.774	ug/l	99
71) Bromoform	10.799	173	111925	49.178	ug/l #	99
73) Isopropylbenzene	10.963	105	698402	48.148	ug/l	100
74) N-amyl acetate	10.841	43	290383	52.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	208867	49.044	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166325m	48.924	ug/l	
77) Bromobenzene	11.195	156	171008	48.280	ug/l	98
78) n-propylbenzene	11.305	91	836824	48.305	ug/l	99
79) 2-Chlorotoluene	11.360	91	493814	47.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	576641	48.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30626	40.864	ug/l	95
82) 4-Chlorotoluene	11.451	91	588084	47.639	ug/l	100
83) tert-Butylbenzene	11.713	119	577466	48.498	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	580775	48.662	ug/l	100
85) sec-Butylbenzene	11.890	105	715409	48.475	ug/l	100
86) p-Isopropyltoluene	12.006	119	598935	47.959	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	316260	46.738	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	316284	45.446	ug/l	99
89) n-Butylbenzene	12.329	91	552112	47.531	ug/l	99
90) Hexachloroethane	12.536	117	103982	47.461	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	298289	46.443	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41755	50.697	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	199103	46.241	ug/l	99
94) Hexachlorobutadiene	13.719	225	62693	40.906	ug/l	99
95) Naphthalene	13.774	128	630795	51.265	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	190800	47.011	ug/l	99

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

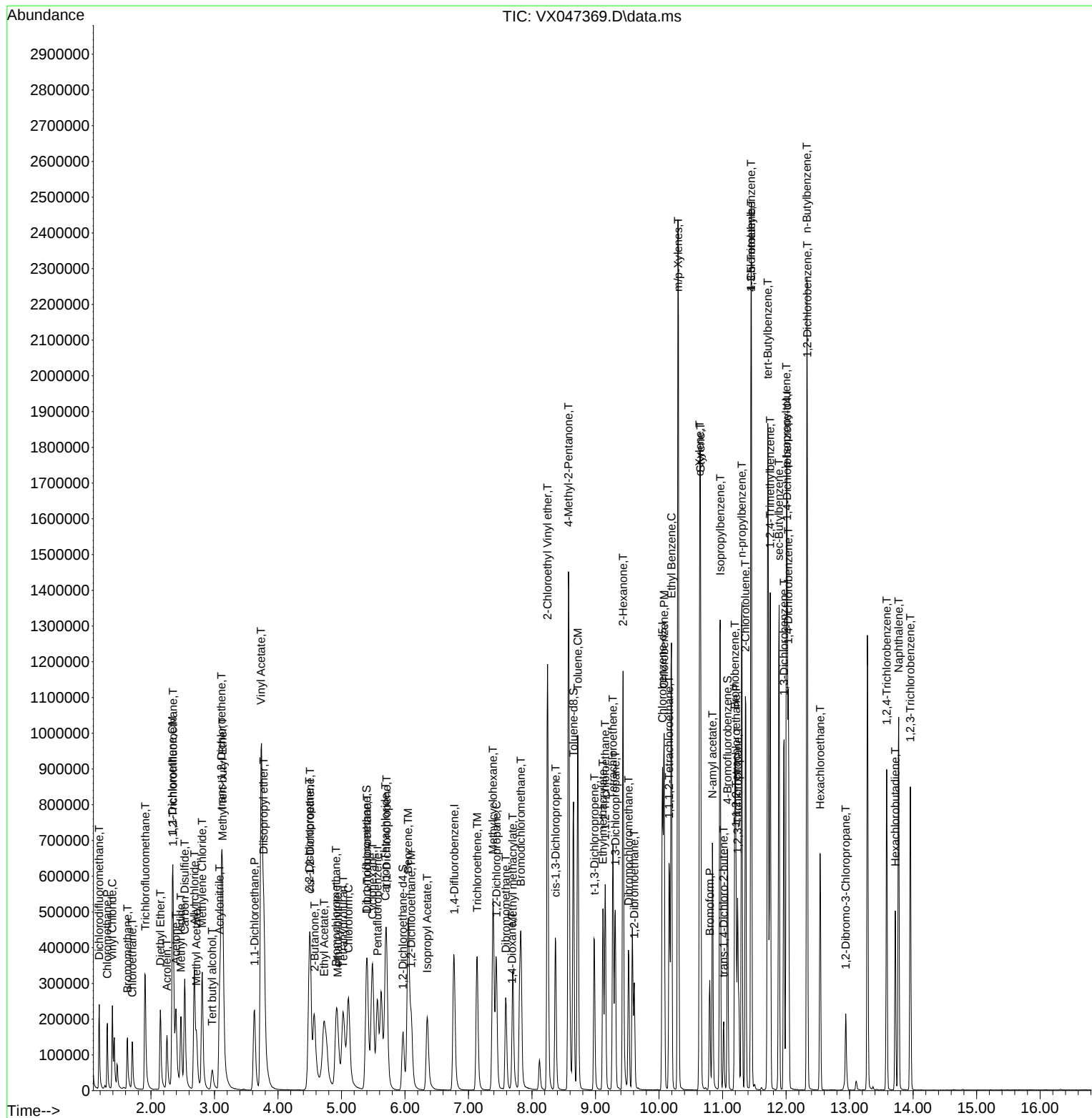
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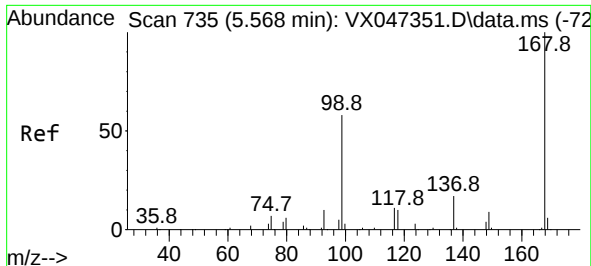
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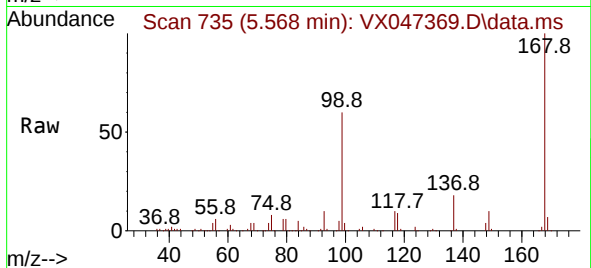
Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047369.D
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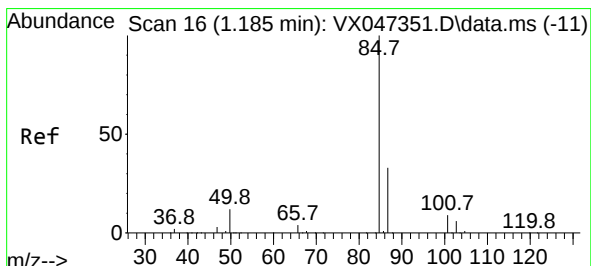
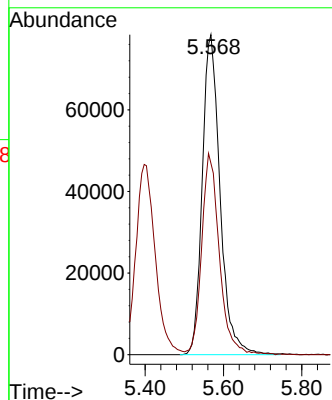
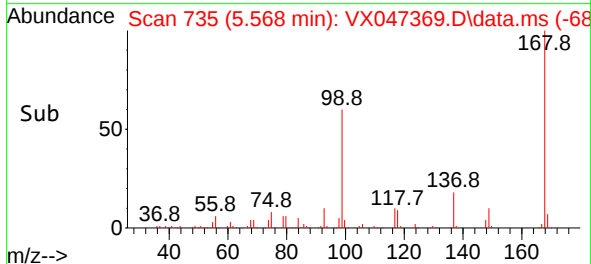
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 24735
Ion Ratio Lower Upper
168 100
99 59.6 47.9 71.9

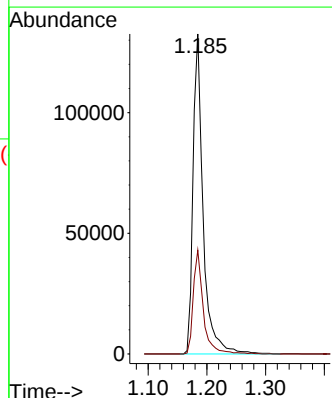
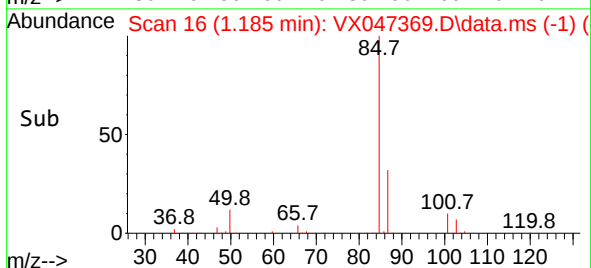
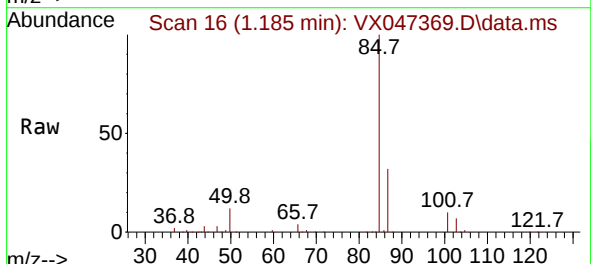
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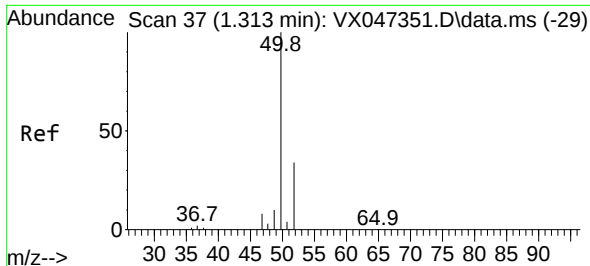
Reviewed By :John Carlone 08/18/2025
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#2
Dichlorodifluoromethane
Concen: 50.314 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

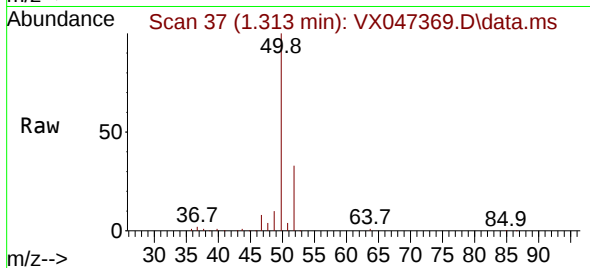
Tgt Ion: 85 Resp: 158651
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





#3
Chloromethane
Concen: 47.334 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

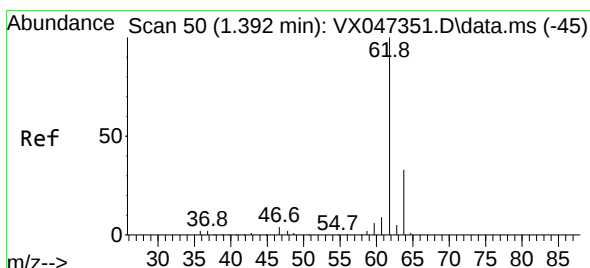
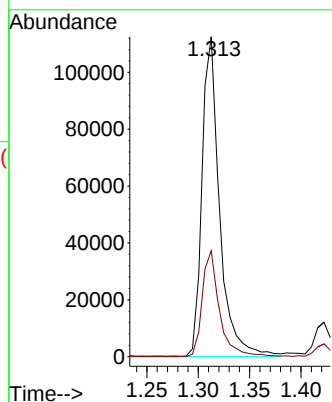
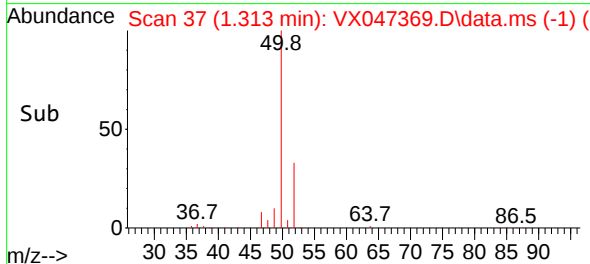
Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 134270
Ion Ratio Lower Upper
50 100
52 33.2 27.0 40.4

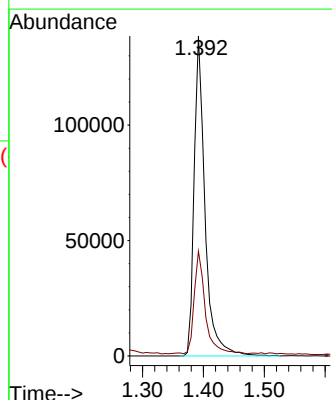
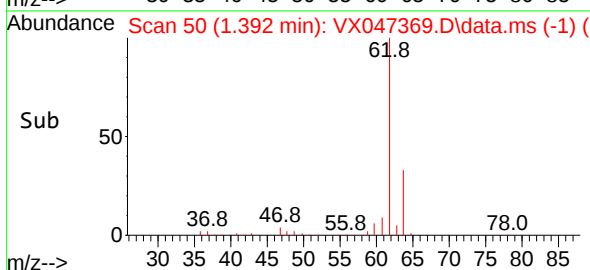
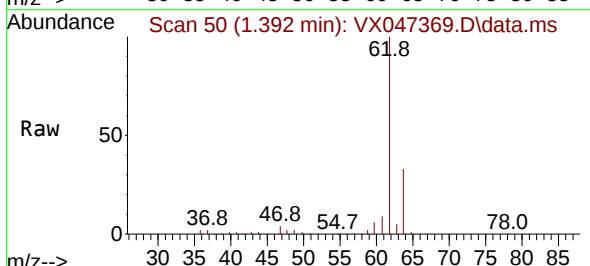
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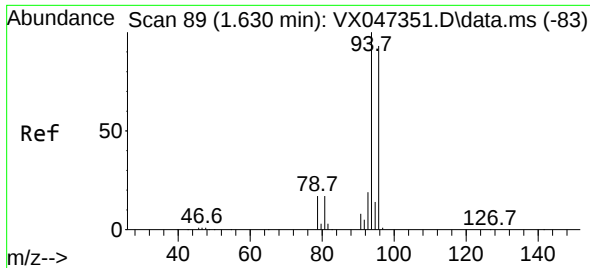
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#4
Vinyl Chloride
Concen: 48.186 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

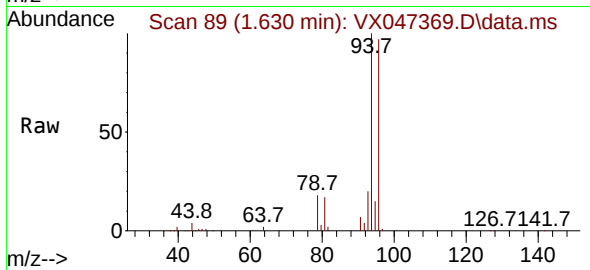
Tgt Ion: 62 Resp: 171563
Ion Ratio Lower Upper
62 100
64 32.0 26.5 39.7





#5
Bromomethane
Concen: 53.336 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

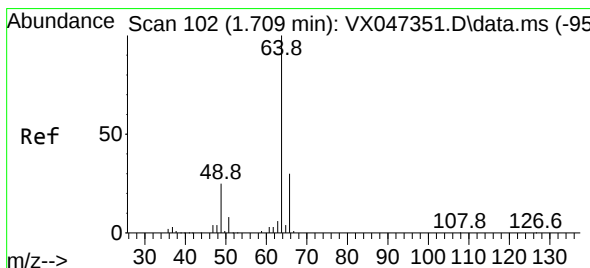
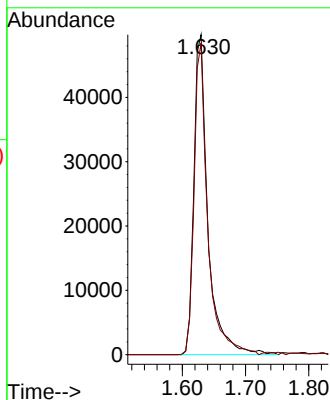
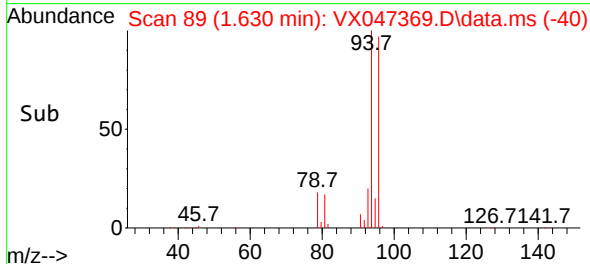
Instrument :
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Tgt Ion: 94 Resp: 76702
Ion Ratio Lower Upper
94 100
96 97.4 74.7 112.1

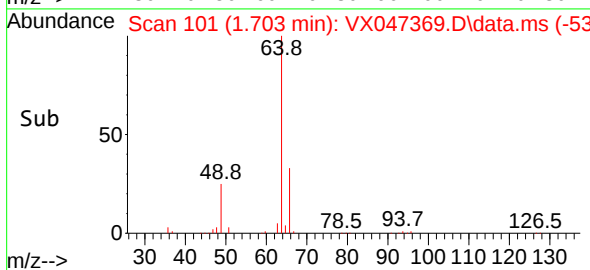
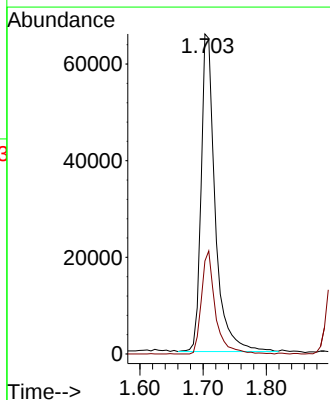
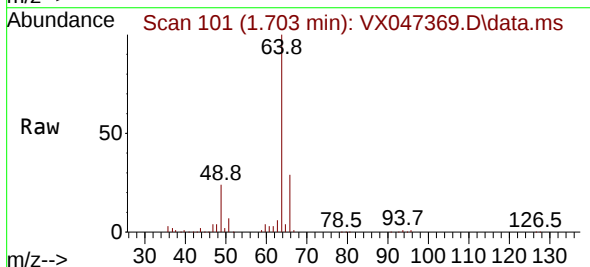
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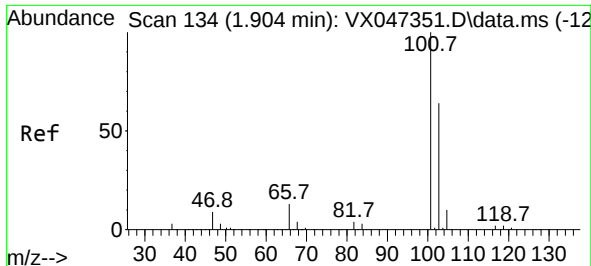
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 46.802 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

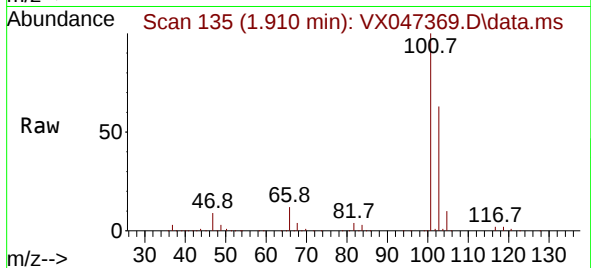
Tgt Ion: 64 Resp: 101952
Ion Ratio Lower Upper
64 100
66 29.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 48.077 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

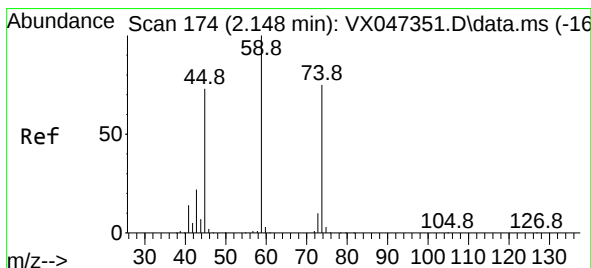
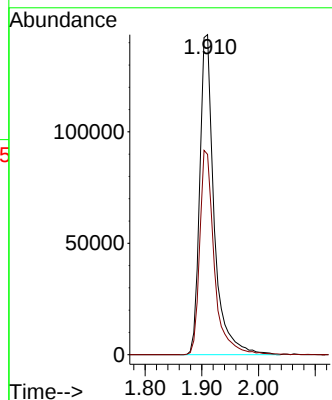
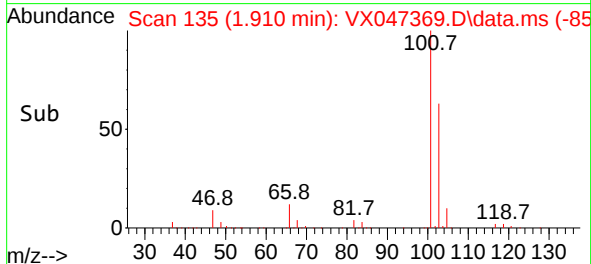
Instrument :
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Tgt Ion:101 Resp: 25319
Ion Ratio Lower Upper
101 100
103 62.6 50.9 76.3

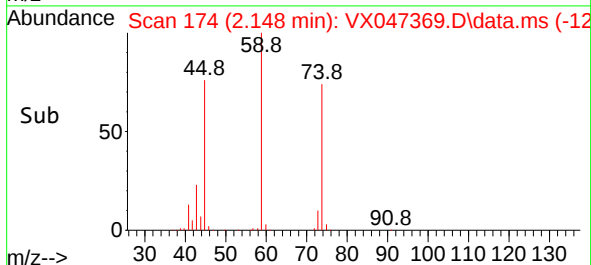
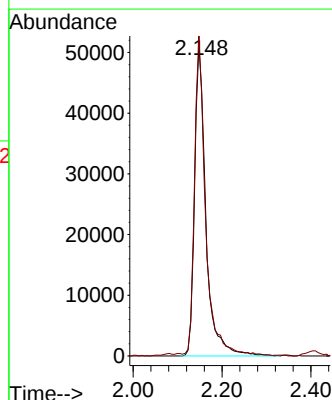
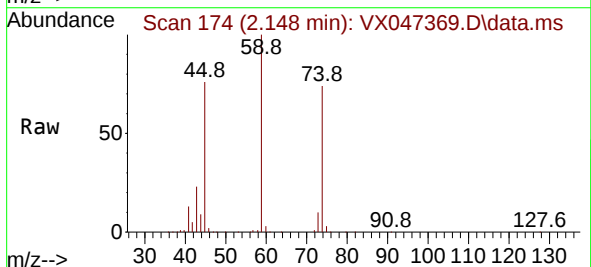
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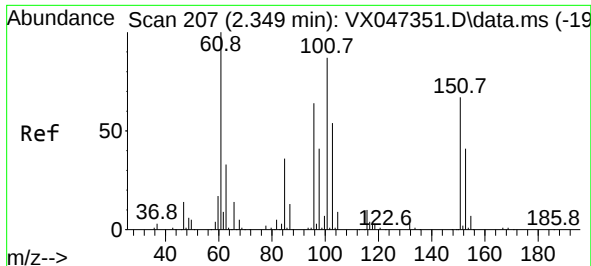
Reviewed By :John Carlone 08/18/2025
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#8
Diethyl Ether
Concen: 48.793 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

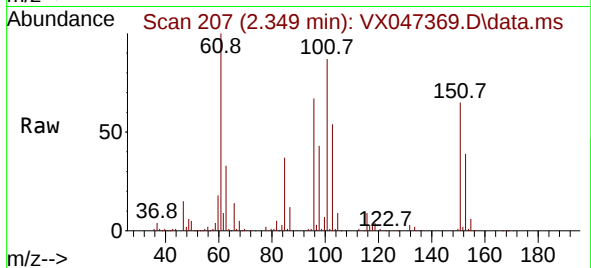
Tgt Ion: 74 Resp: 90479
Ion Ratio Lower Upper
74 100
45 102.3 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.427 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

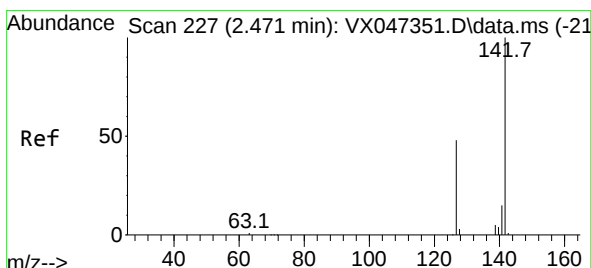
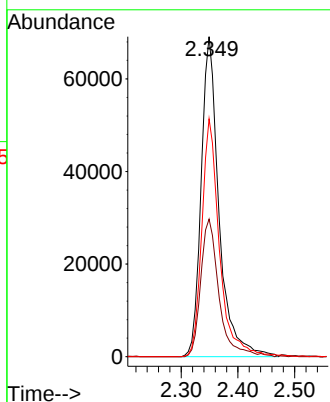
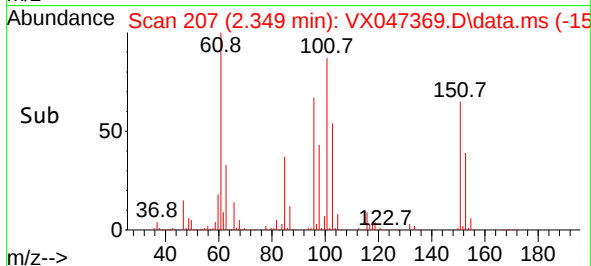
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 150994
Ion Ratio Lower Upper
101 100
85 44.0 34.3 51.5
151 73.8 59.2 88.8

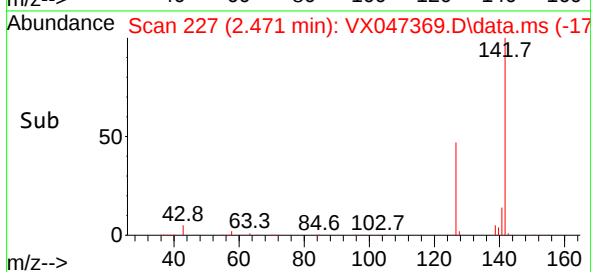
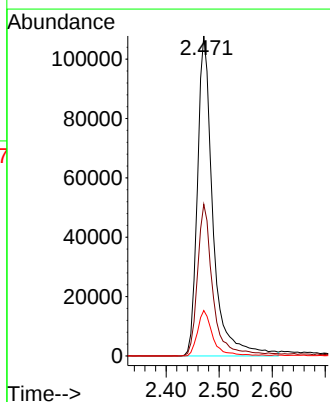
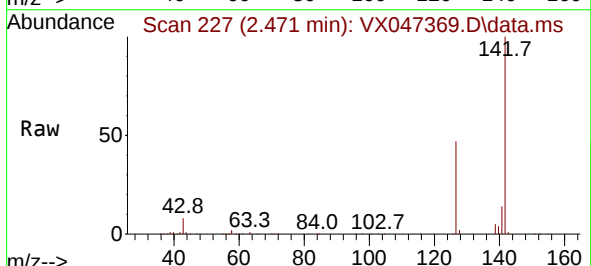
Manual Integrations
APPROVED

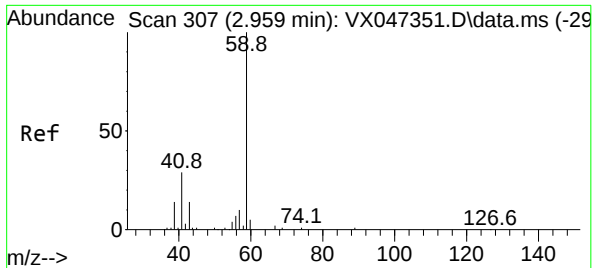
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 42.033 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion:142 Resp: 220054
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 14.0 11.1 16.7





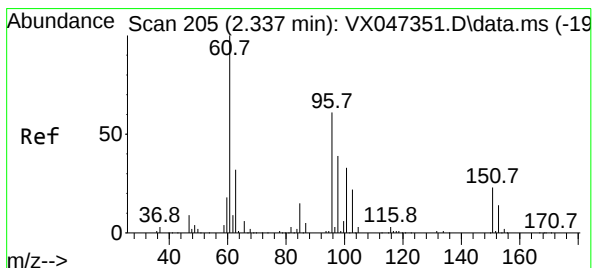
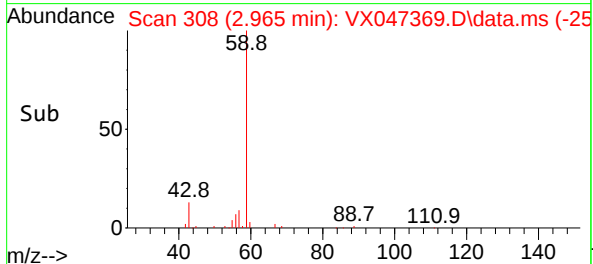
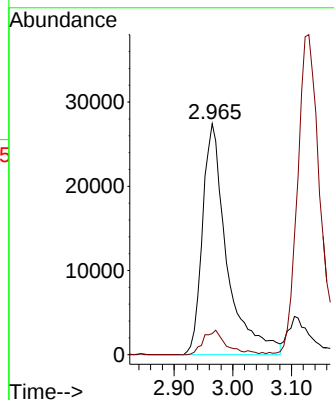
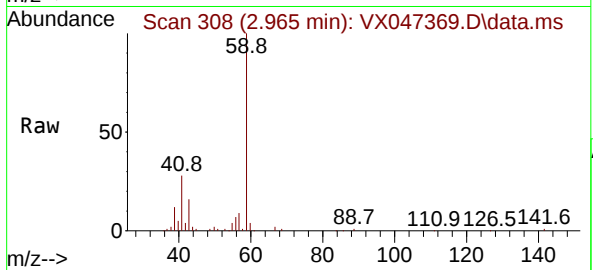
#11
Tert butyl alcohol
Concen: 262.913 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 79179
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5

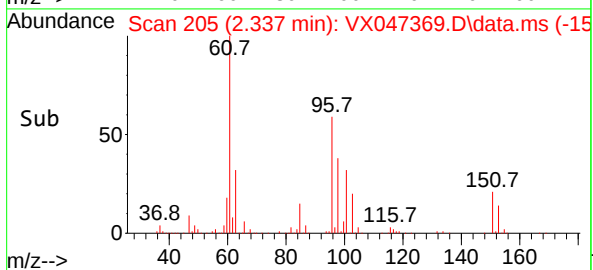
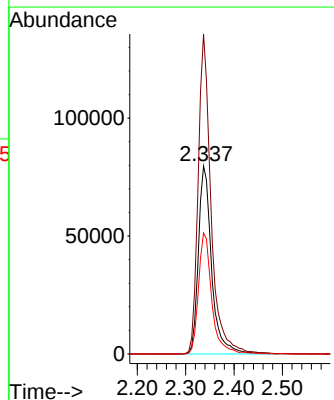
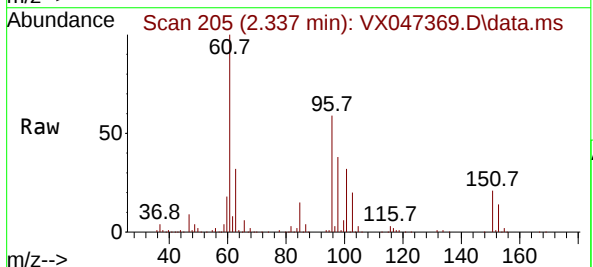
Manual Integrations
APPROVED

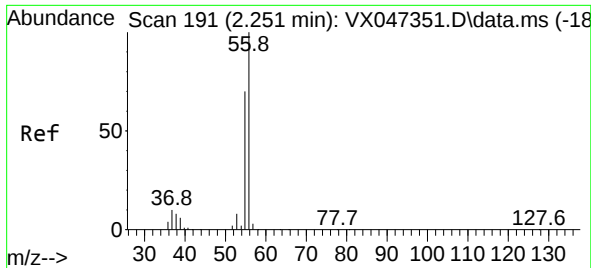
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 48.810 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

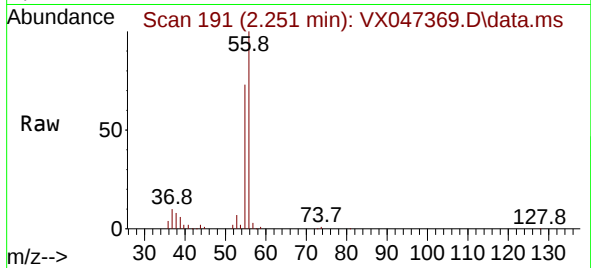
Tgt Ion: 96 Resp: 152014
Ion Ratio Lower Upper
96 100
61 170.2 132.2 198.2
98 64.3 51.2 76.8





#13
Acrolein
Concen: 217.746 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

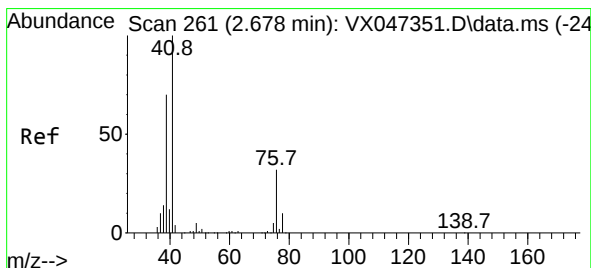
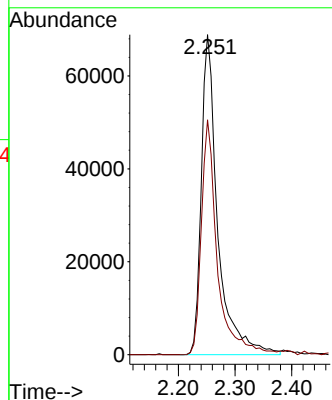
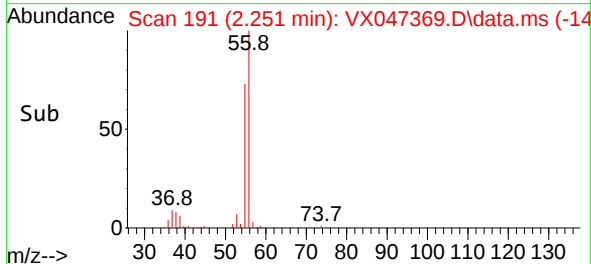
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 138429
Ion Ratio Lower Upper
56 100
55 71.3 55.5 83.3

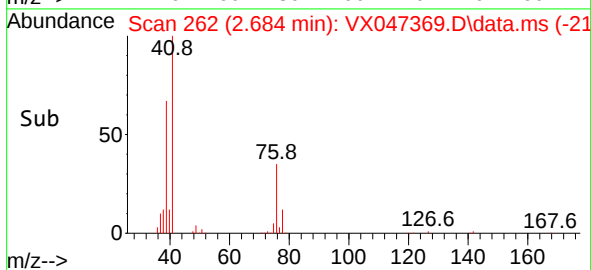
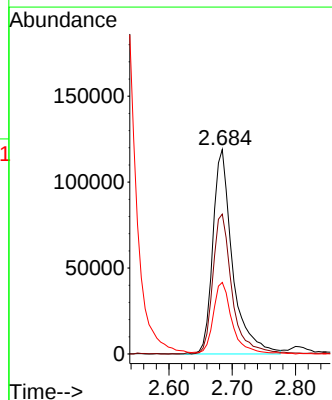
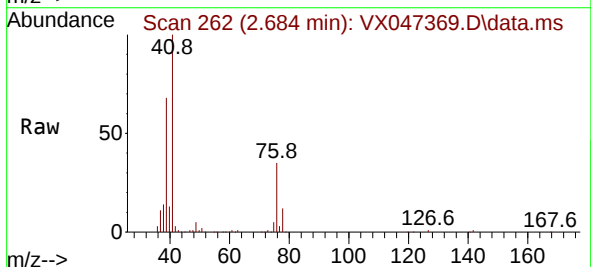
Manual Integrations
APPROVED

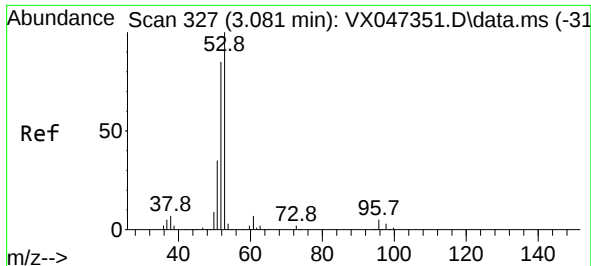
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 47.570 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

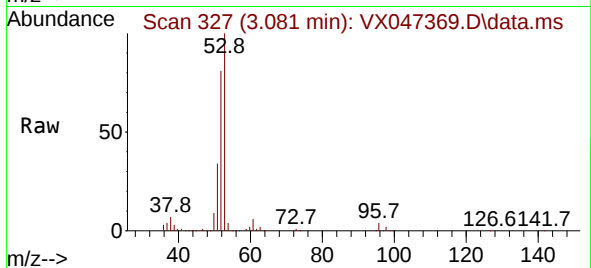
Tgt Ion: 41 Resp: 257321
Ion Ratio Lower Upper
41 100
39 67.2 54.6 81.8
76 33.9 27.6 41.4





#15
Acrylonitrile
Concen: 264.860 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

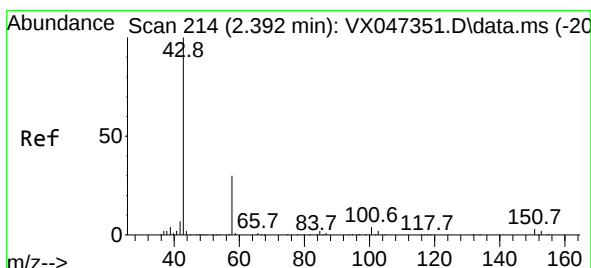
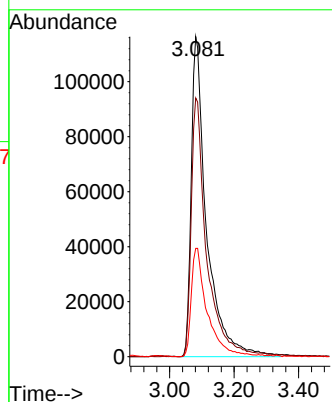
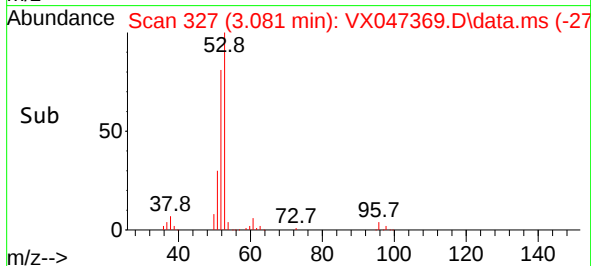
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 385440
Ion Ratio Lower Upper
53 100
52 81.2 65.8 98.6
51 35.0 28.2 42.2

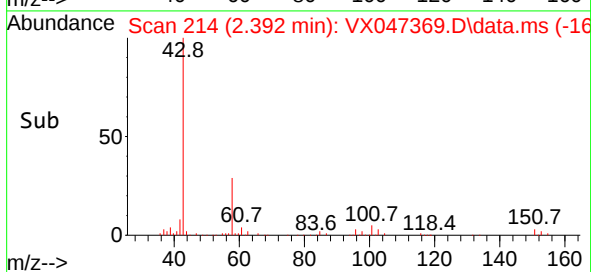
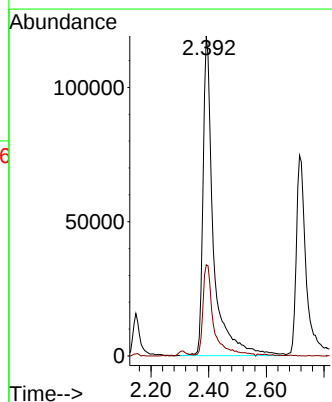
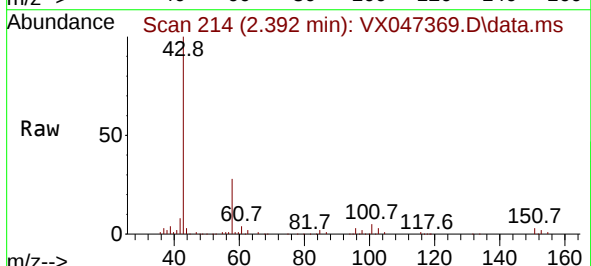
Manual Integrations
APPROVED

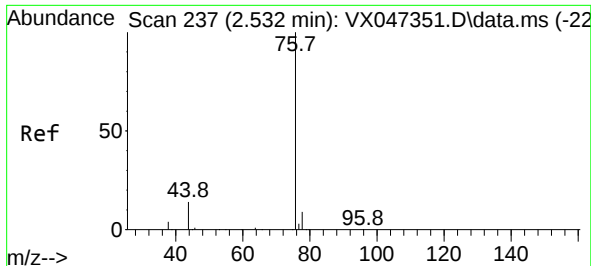
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 230.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

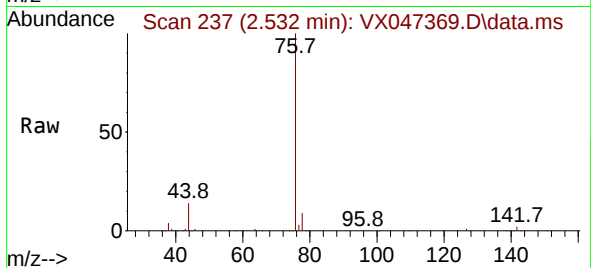
Tgt Ion: 43 Resp: 299321
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2





#17
Carbon Disulfide
Concen: 44.850 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

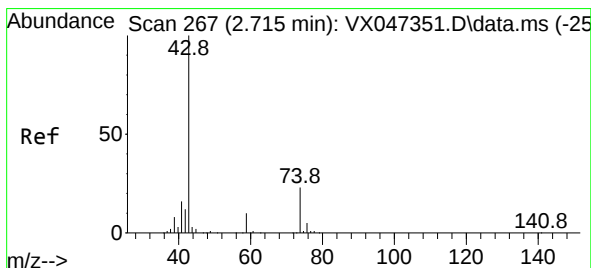
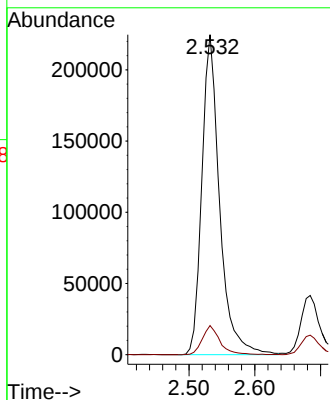
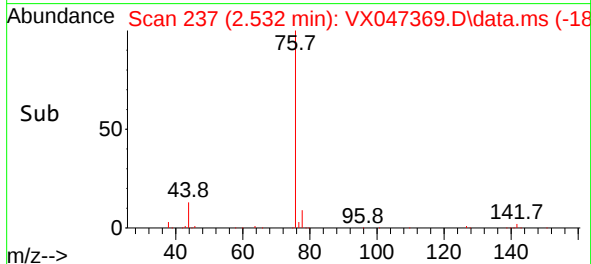
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 421504
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

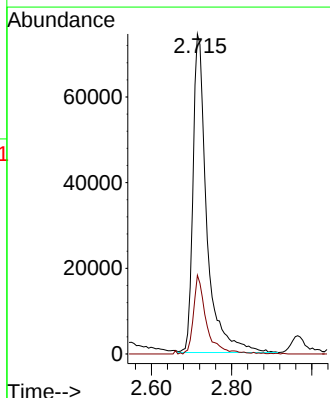
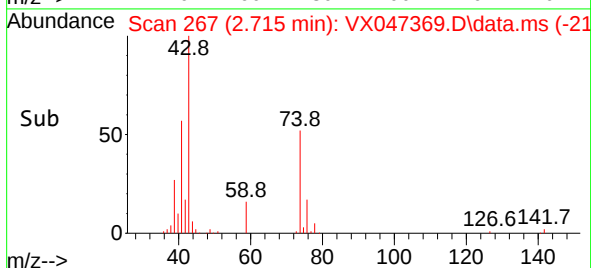
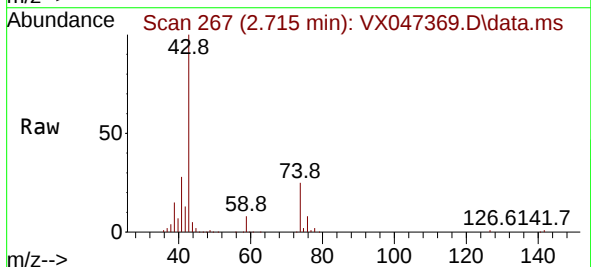
Manual Integrations
APPROVED

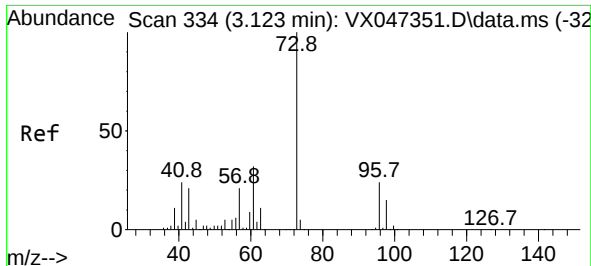
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 52.680 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

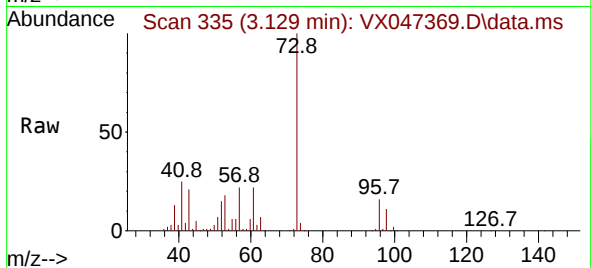
Tgt Ion: 43 Resp: 177638
Ion Ratio Lower Upper
43 100
74 22.9 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 49.159 ug/l
RT: 3.129 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

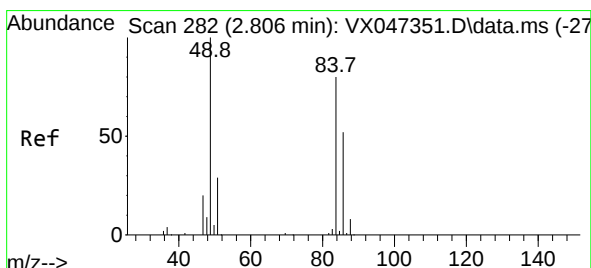
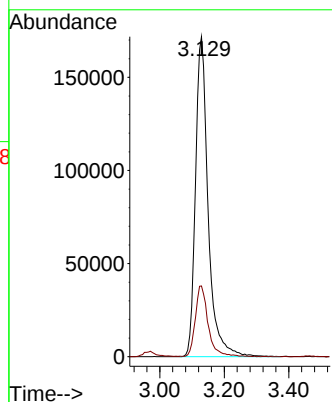
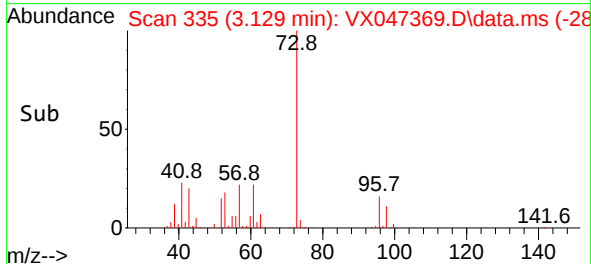
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 465768
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

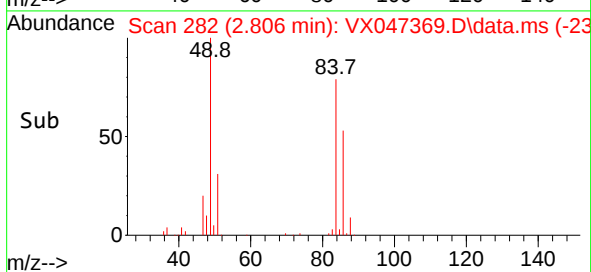
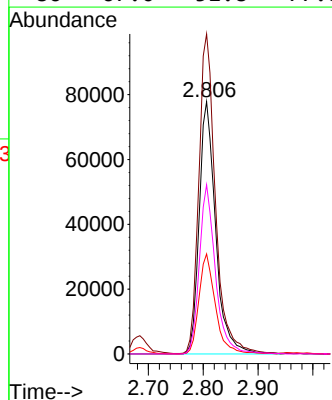
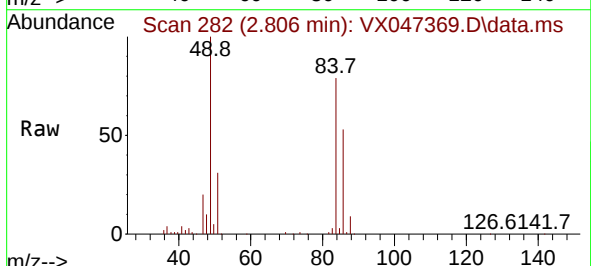
Manual Integrations
APPROVED

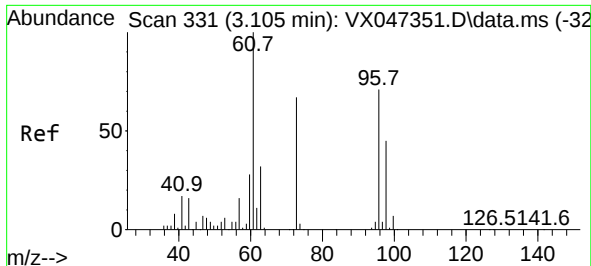
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 47.342 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

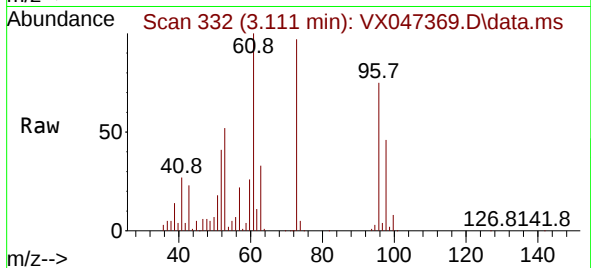
Tgt Ion: 84 Resp: 163125
Ion Ratio Lower Upper
84 100
49 126.6 100.1 150.1
51 39.6 29.5 44.3
86 67.0 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 47.770 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

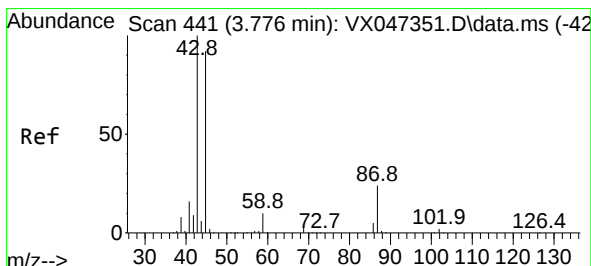
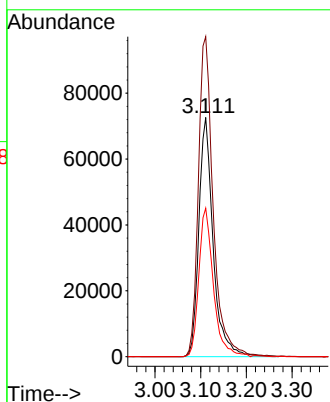
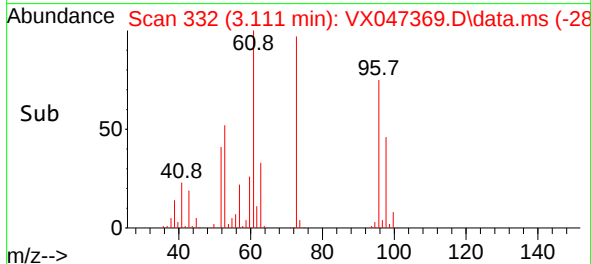
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 157900
Ion Ratio Lower Upper
96 100
61 133.8 112.6 169.0
98 62.1 50.9 76.3

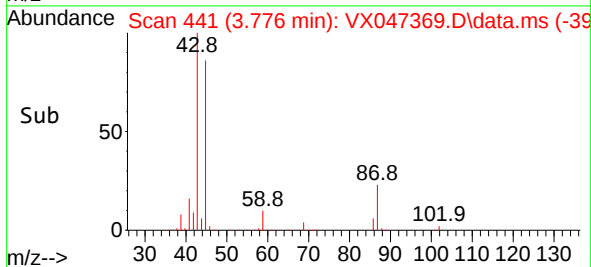
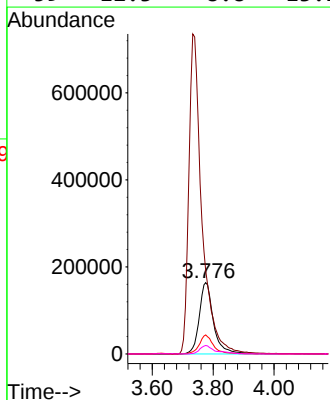
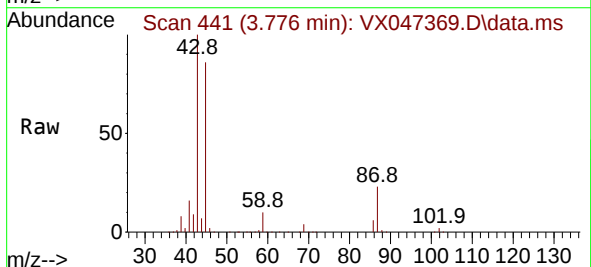
Manual Integrations
APPROVED

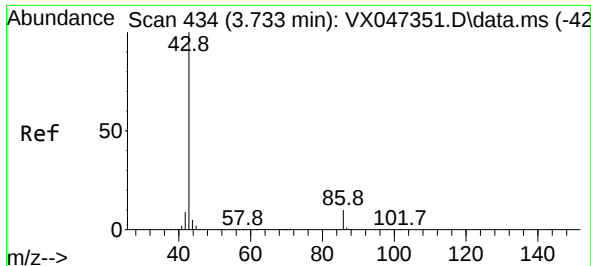
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 49.685 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 45 Resp: 531257
Ion Ratio Lower Upper
45 100
43 116.2 86.8 130.2
87 26.6 20.4 30.6
59 12.3 8.8 13.2





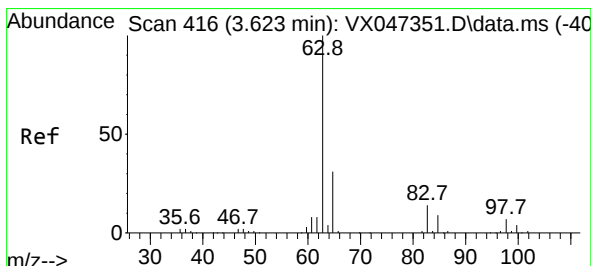
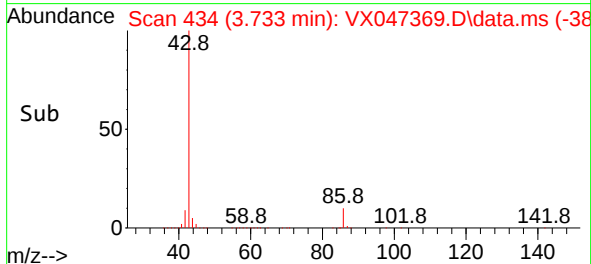
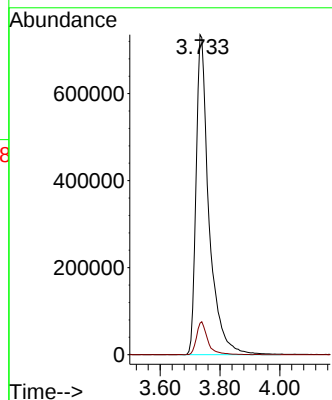
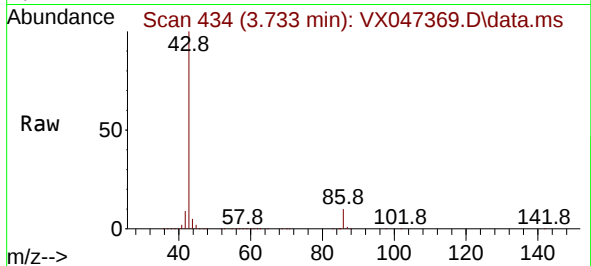
#23
 Vinyl Acetate
 Concen: 251.356 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047369.D
 Acq: 15 Aug 2025 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 220290
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

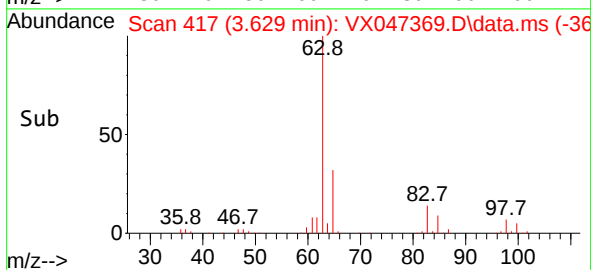
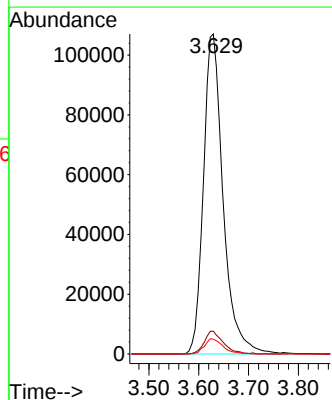
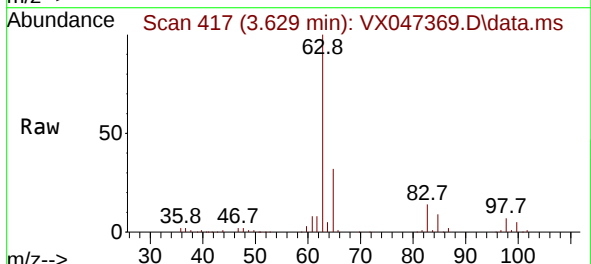
Manual Integrations
 APPROVED

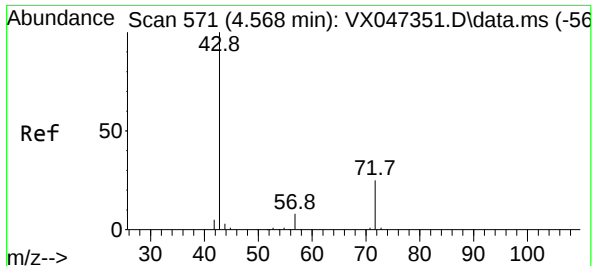
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 48.514 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047369.D
 Acq: 15 Aug 2025 17:41

Tgt Ion: 63 Resp: 293208
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.6 2.1 6.3





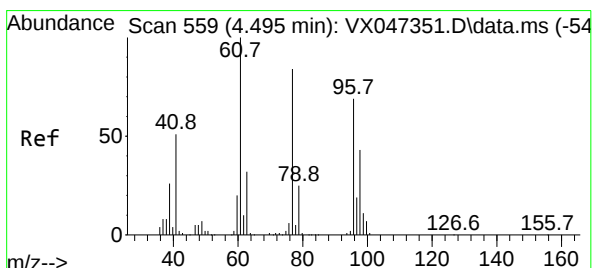
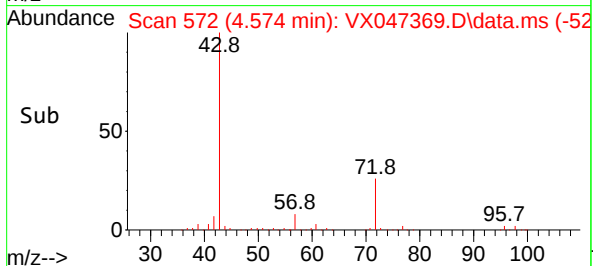
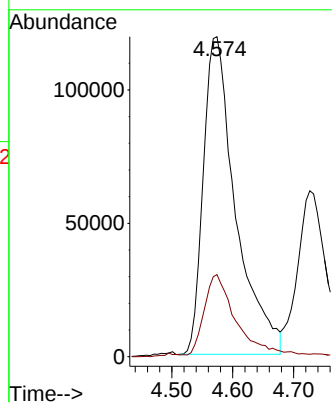
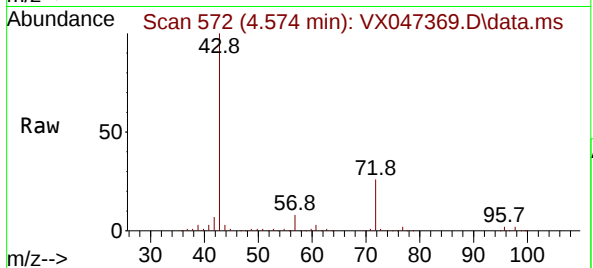
#25
2-Butanone
Concen: 257.259 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 43842
Ion Ratio Lower Upper
43 100
72 26.1 19.8 29.8

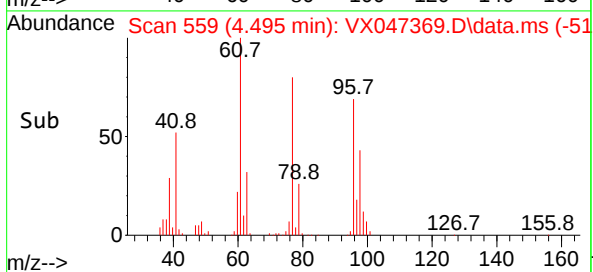
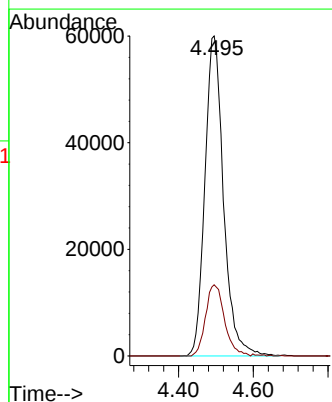
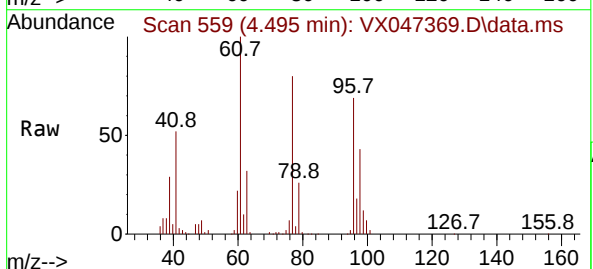
Manual Integrations
APPROVED

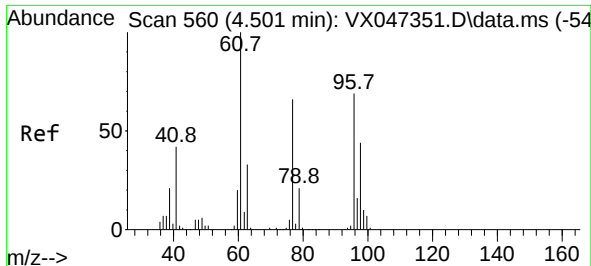
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 45.513 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 77 Resp: 207612
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.944 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

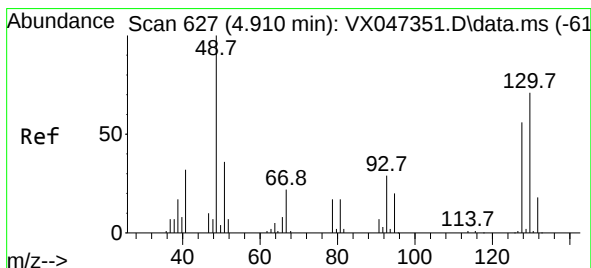
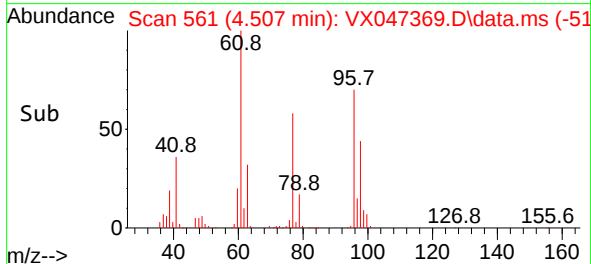
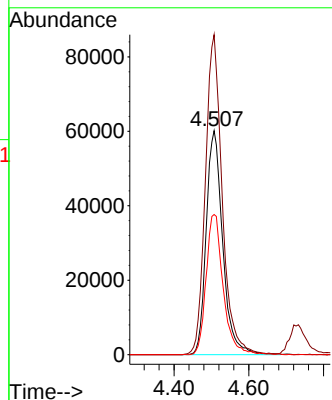
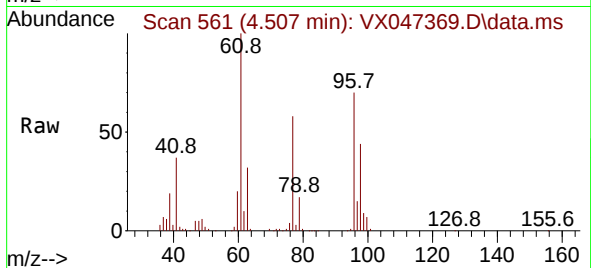
Tgt Ion: 96 Resp: 18458
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 296.6
 98 64.7 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 49.836 ug/l

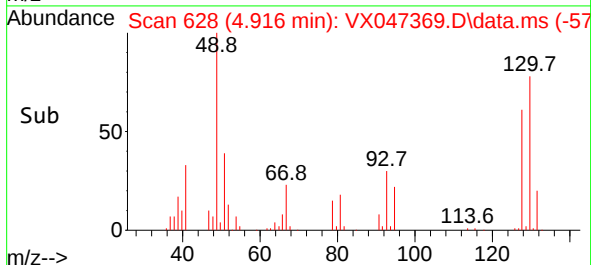
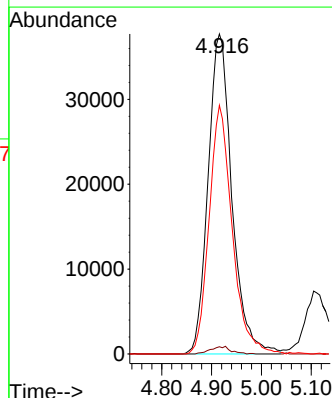
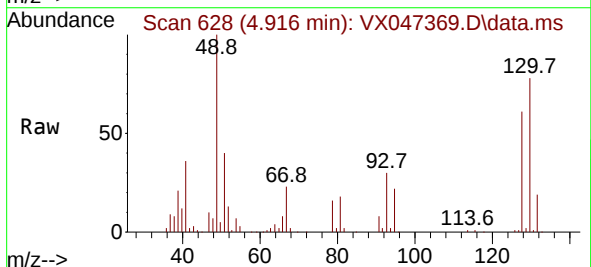
RT: 4.916 min Scan# 628

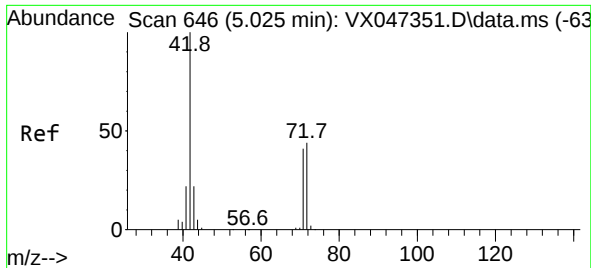
Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Tgt Ion: 49 Resp: 125336
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 75.2 59.8 89.6





#29

Tetrahydrofuran

Concen: 260.079 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX047369.D

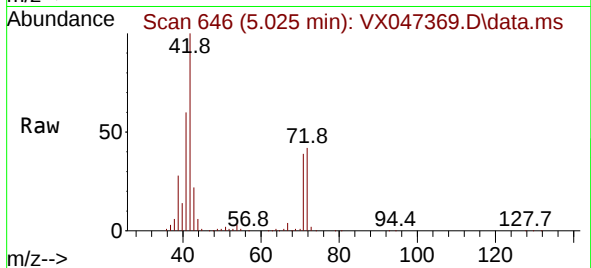
Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 286470

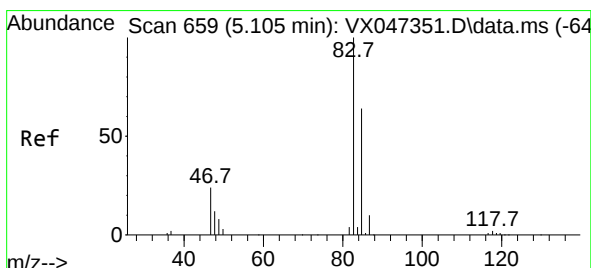
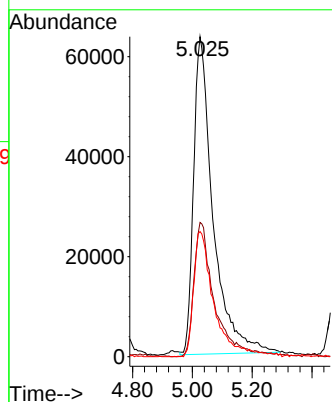
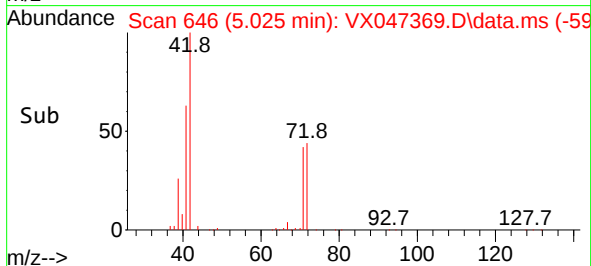
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	51.8
71	39.6	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 48.462 ug/l

RT: 5.111 min Scan# 660

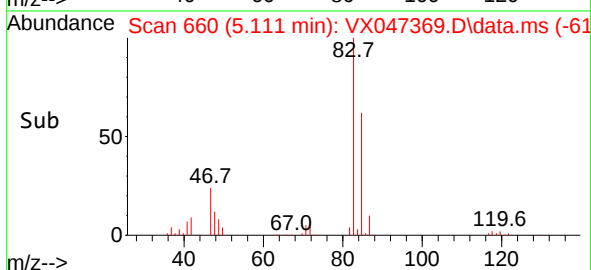
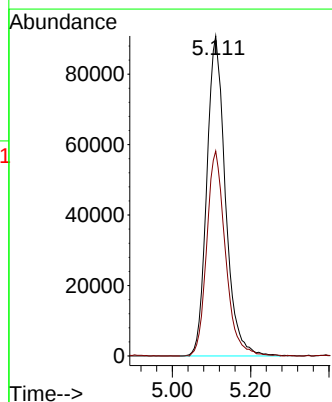
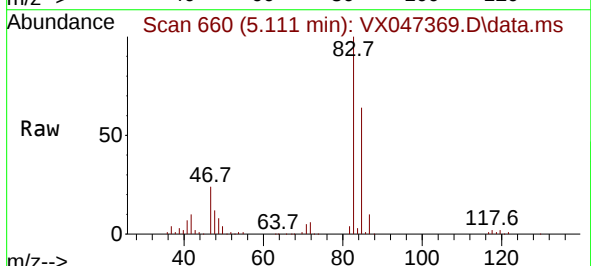
Delta R.T. 0.006 min

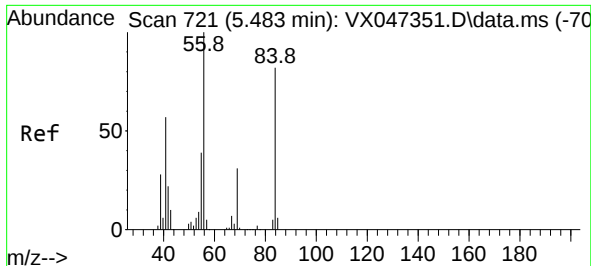
Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Tgt Ion: 83 Resp: 298914

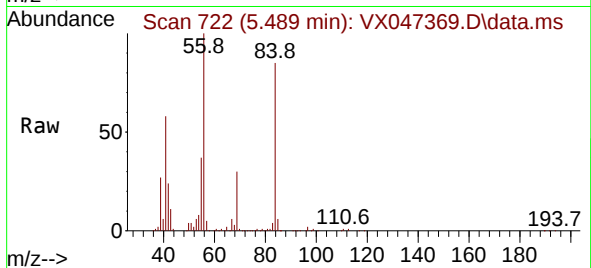
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8





#31
Cyclohexane
Concen: 47.193 ug/l
RT: 5.489 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

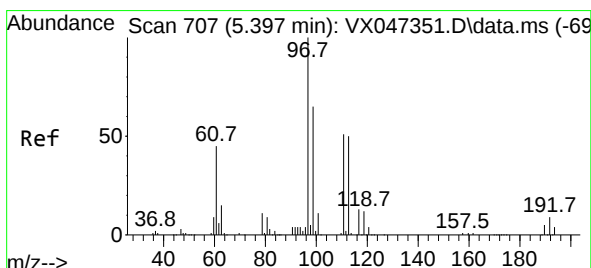
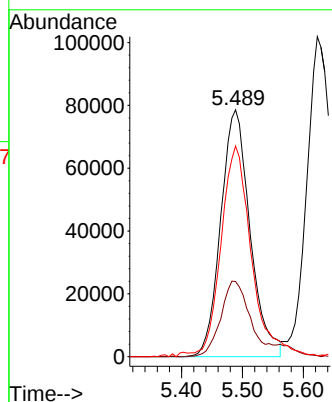
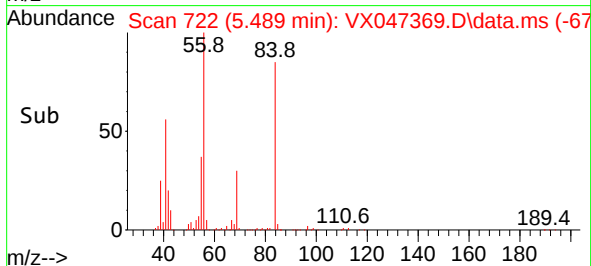
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 262920
Ion Ratio Lower Upper
56 100
69 30.5 24.3 36.5
84 83.7 65.3 97.9

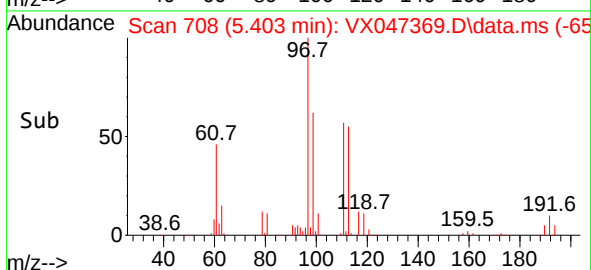
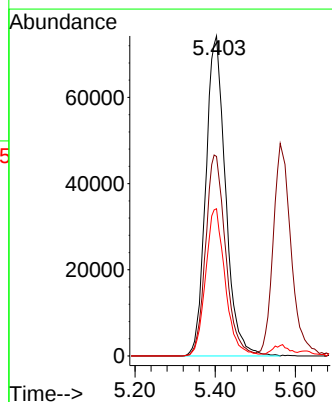
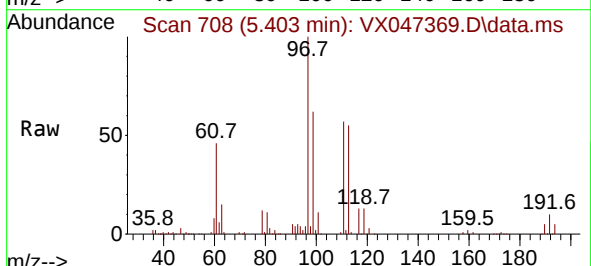
Manual Integrations
APPROVED

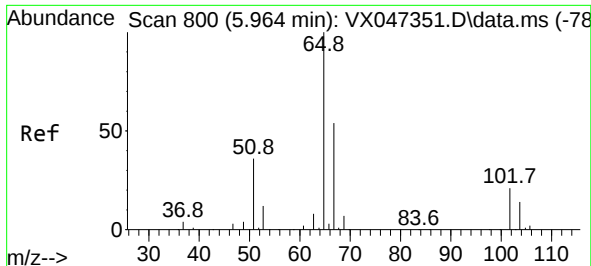
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 47.814 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 97 Resp: 253848
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 45.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 49.507 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 171384

Ion Ratio Lower Upper

65 100

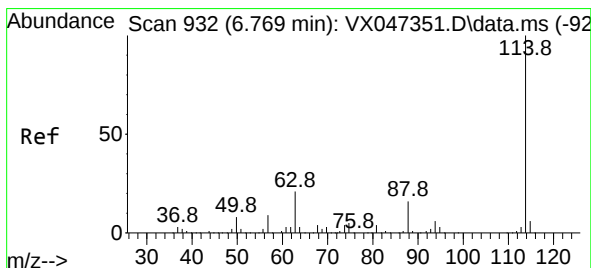
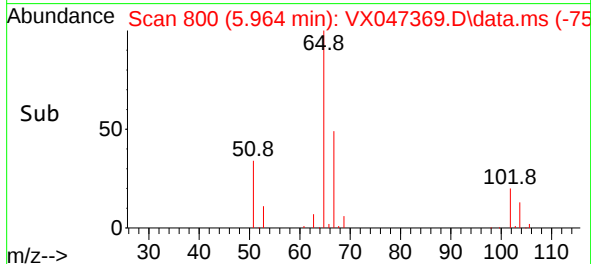
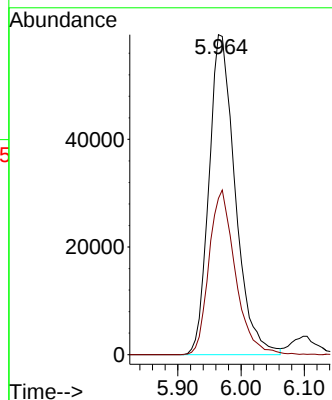
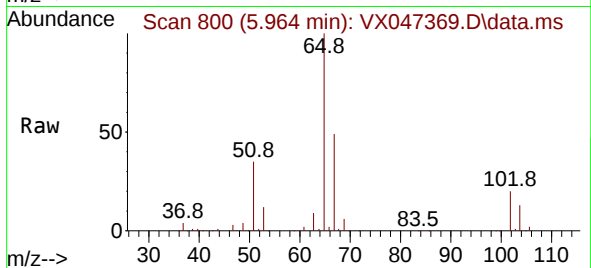
67 51.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

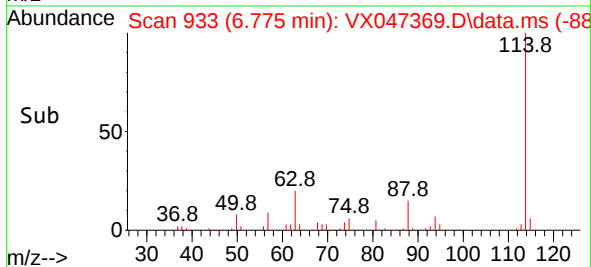
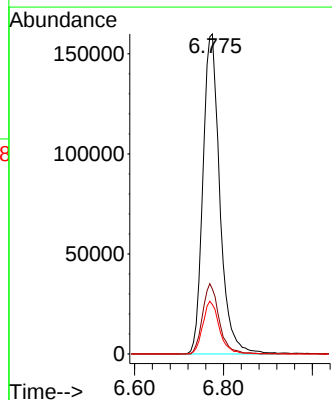
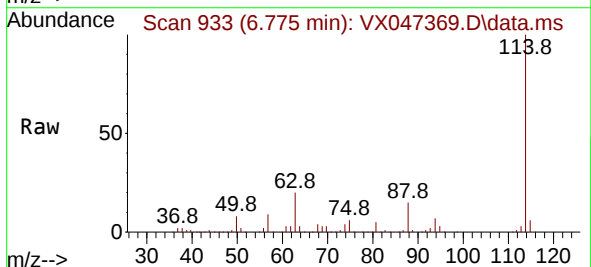
Tgt Ion:114 Resp: 423716

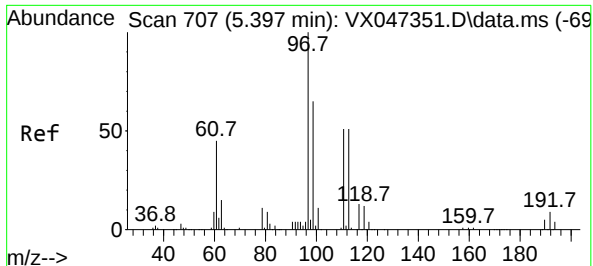
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.327 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047369.D

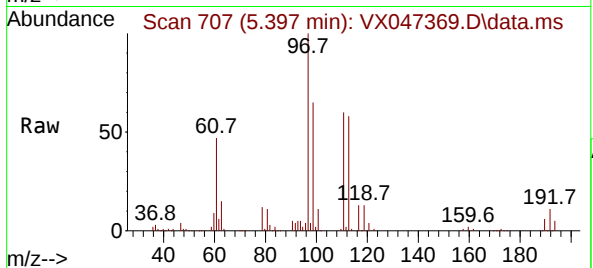
Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



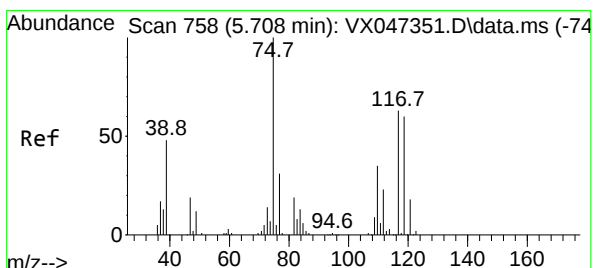
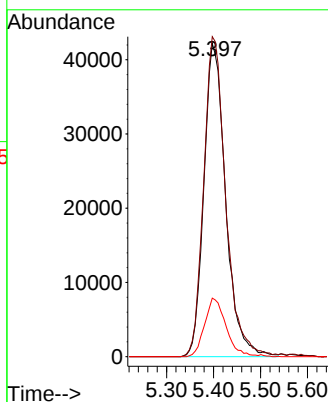
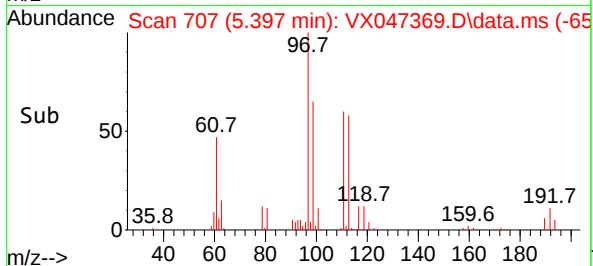
Tgt Ion:	113	Resp:	135640
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.2
192	18.4	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#36

1,1-Dichloropropene

Concen: 46.638 ug/l

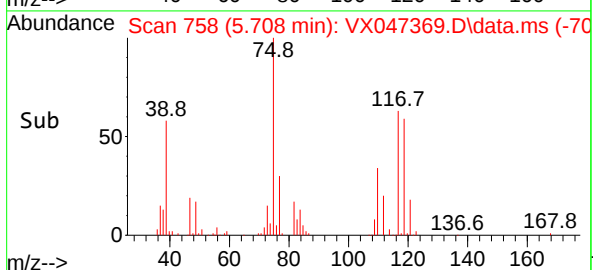
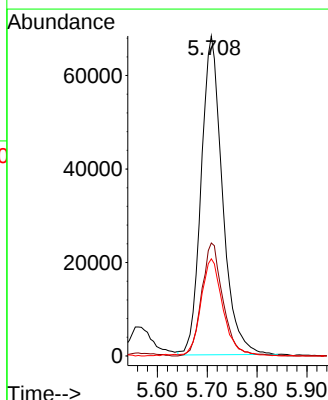
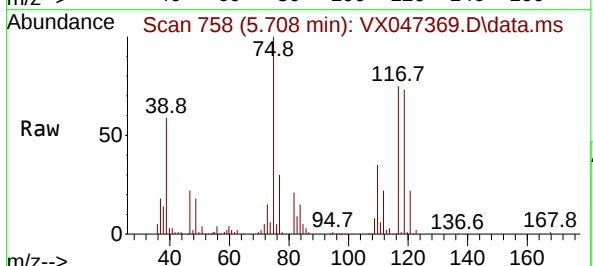
RT: 5.708 min Scan# 758

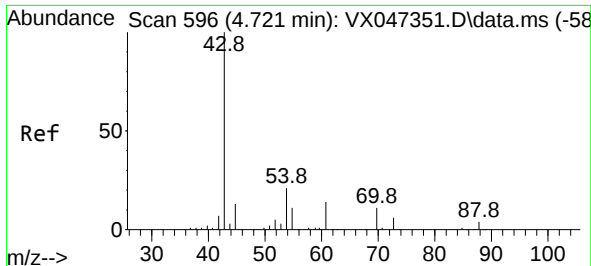
Delta R.T. -0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Tgt Ion:	75	Resp:	202458
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.4	52.2
77	31.6	24.4	36.6





#37

Ethyl Acetate

Concen: 49.446 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 222830

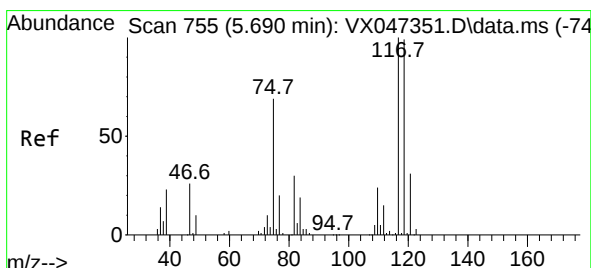
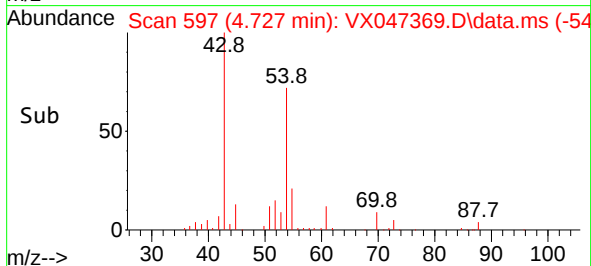
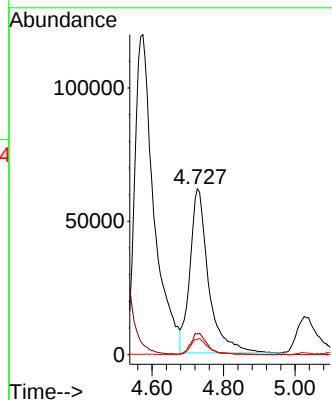
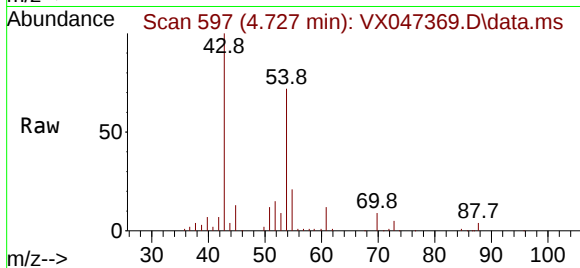
Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.4	14.2
70	8.8	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#38

Carbon Tetrachloride

Concen: 46.894 ug/l

RT: 5.690 min Scan# 755

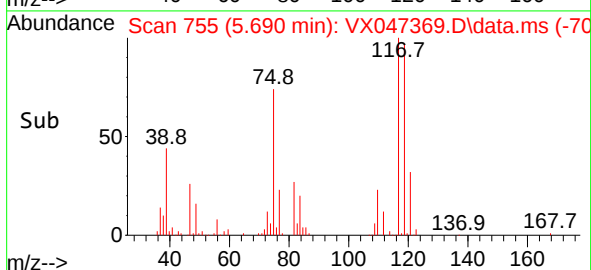
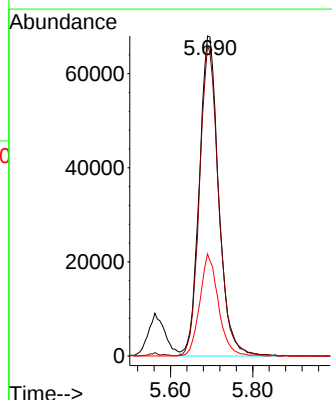
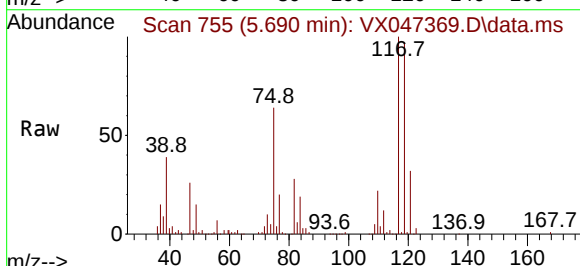
Delta R.T. 0.000 min

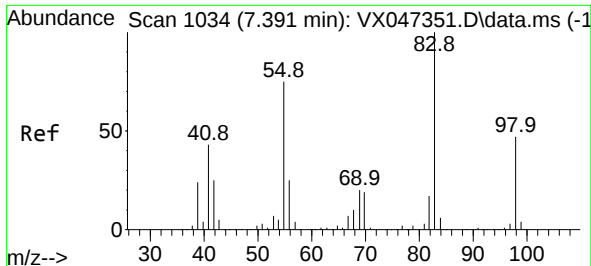
Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Tgt Ion:117 Resp: 222454

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.5	117.7
121	31.9	24.7	37.1





#39

Methylcyclohexane

Concen: 46.834 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 25359

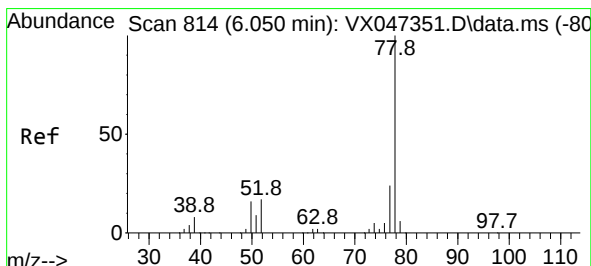
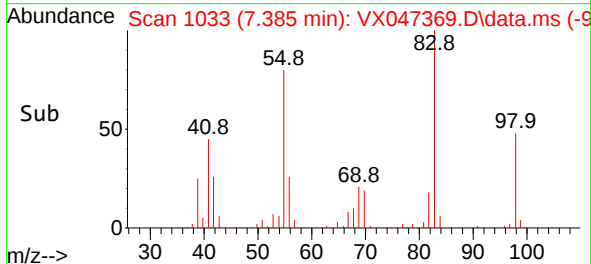
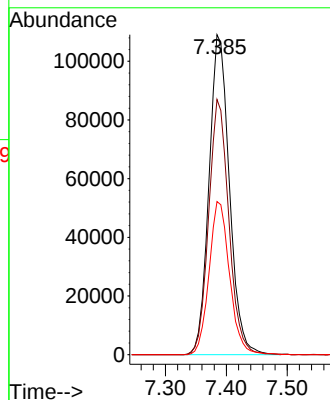
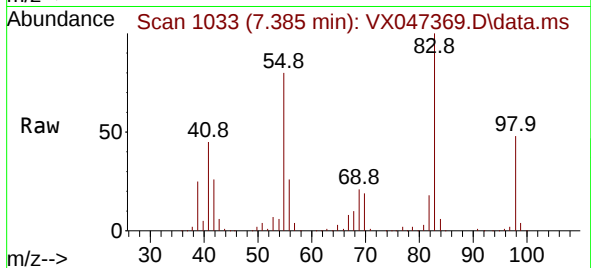
Ion	Ratio	Lower	Upper
83	100		
55	79.7	60.0	90.0
98	47.8	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 47.793 ug/l

RT: 6.050 min Scan# 814

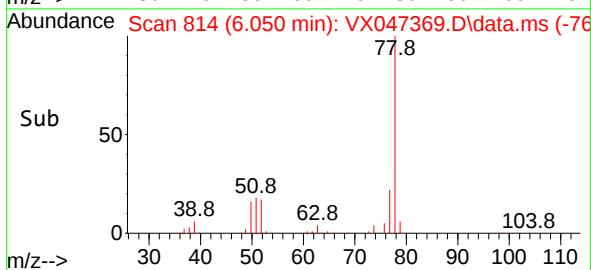
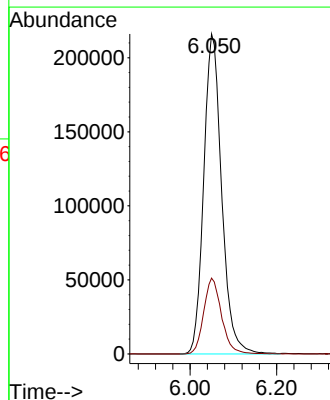
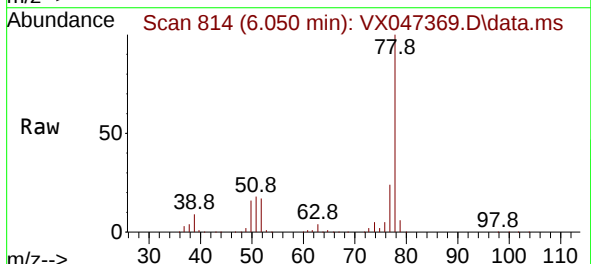
Delta R.T. -0.000 min

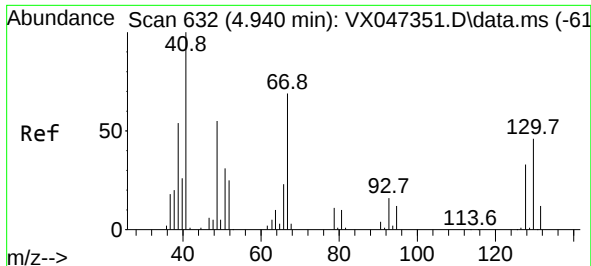
Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Tgt Ion: 78 Resp: 621000

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





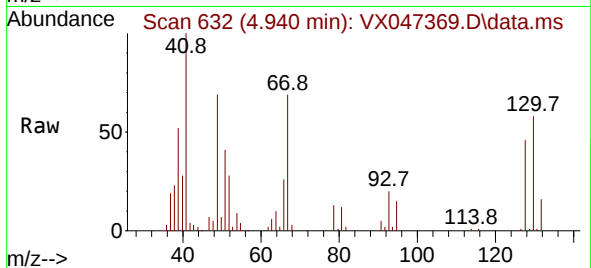
#41
Methacrylonitrile
Concen: 51.686 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



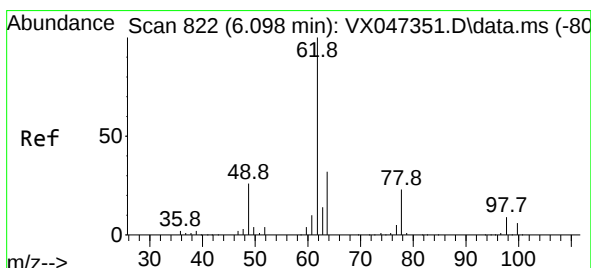
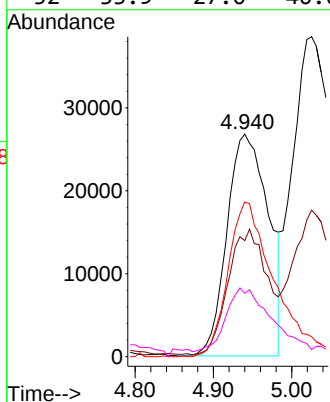
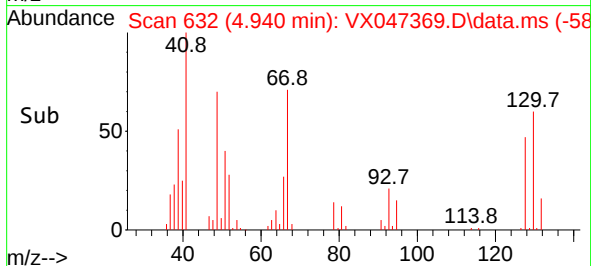
Tgt Ion: 41 Resp: 98224
Ion Ratio Lower Upper
41 100
39 53.9 45.4 68.2
67 79.7 64.0 96.0
52 33.9 27.0 40.6

Manual Integrations

APPROVED

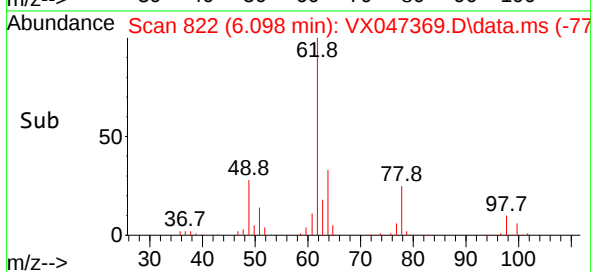
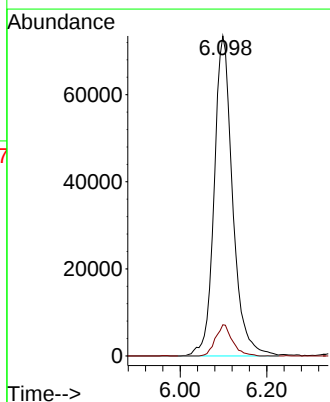
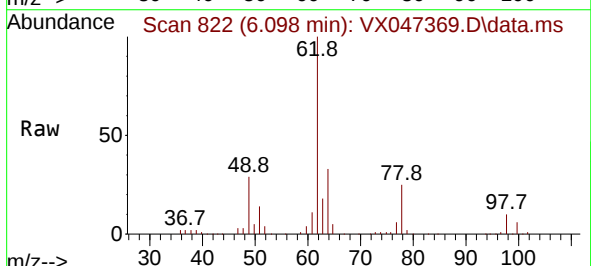
Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 47.354 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 62 Resp: 217943
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





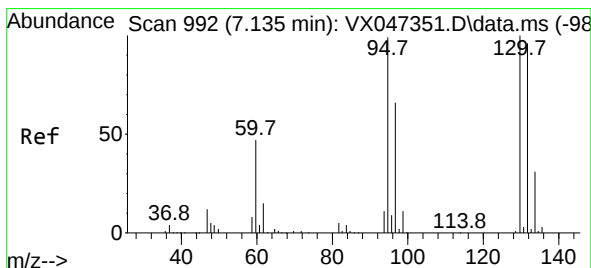
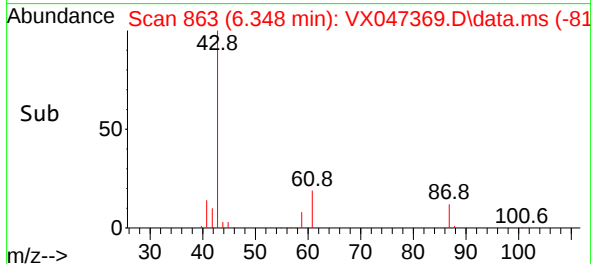
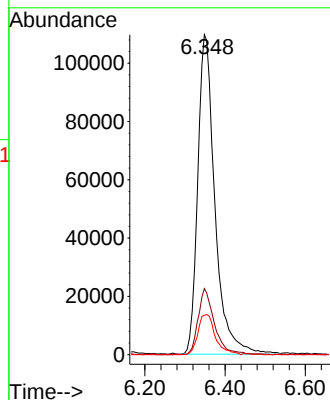
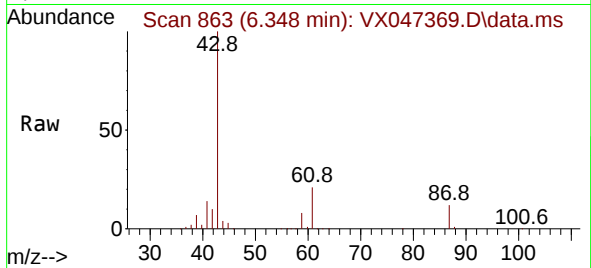
#43
Isopropyl Acetate
Concen: 50.253 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 32534
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 12.7 10.2 15.4

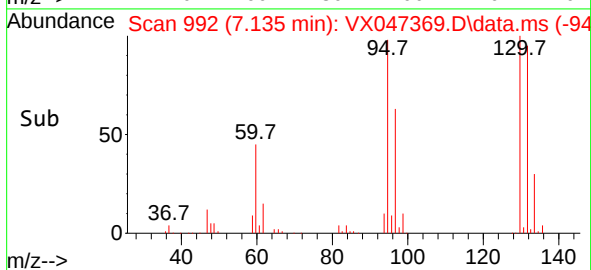
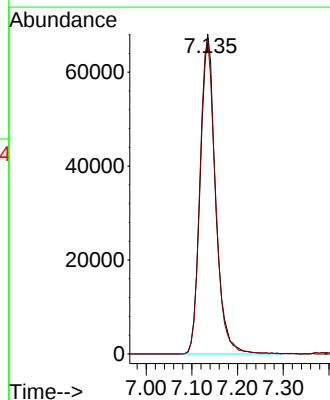
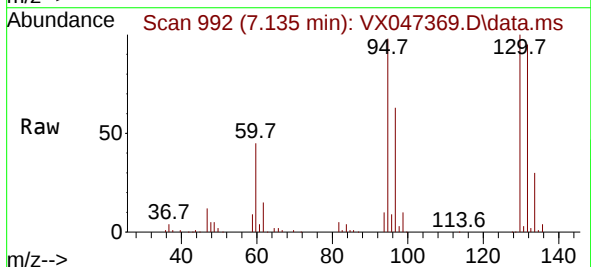
Manual Integrations
APPROVED

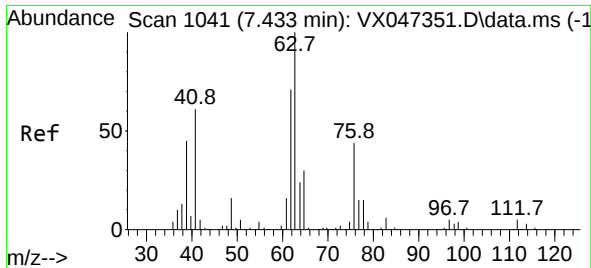
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 47.495 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

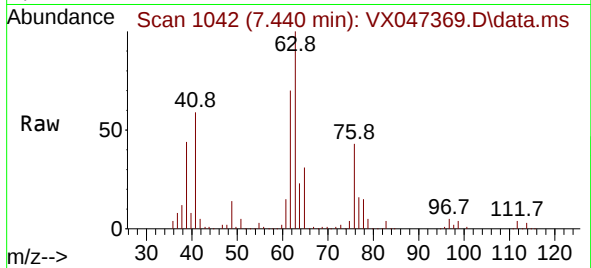
Tgt Ion:130 Resp: 158017
Ion Ratio Lower Upper
130 100
95 98.4 0.0 198.6





#45
1,2-Dichloropropane
Concen: 47.602 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

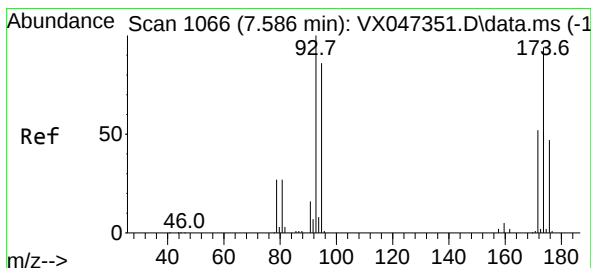
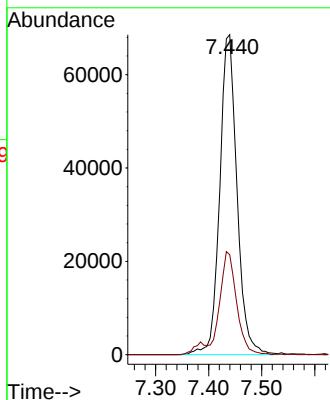
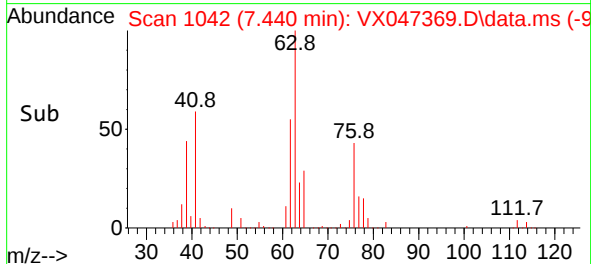
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 154952
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6

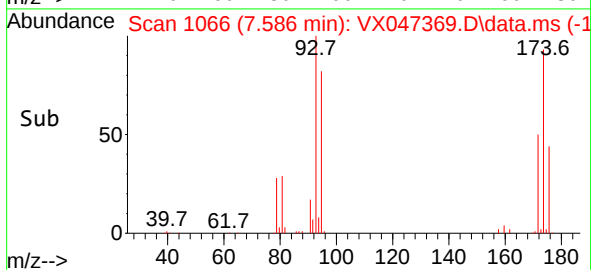
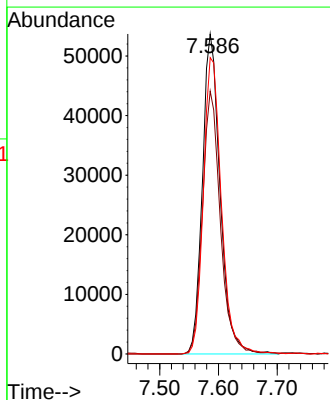
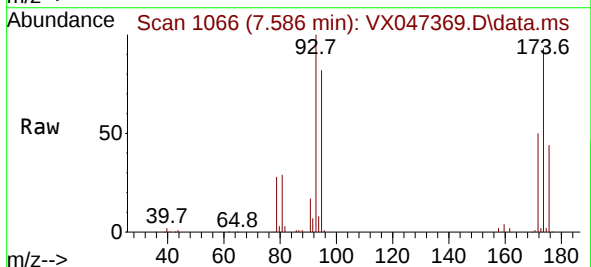
Manual Integrations
APPROVED

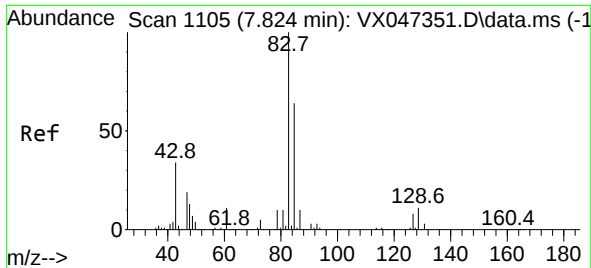
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#46
Dibromomethane
Concen: 47.466 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

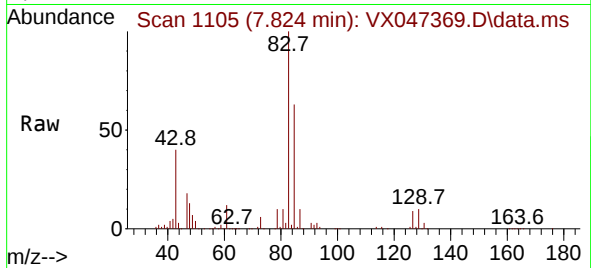
Tgt Ion: 93 Resp: 112171
Ion Ratio Lower Upper
93 100
95 83.4 68.0 102.0
174 94.6 75.8 113.6





#47
Bromodichloromethane
Concen: 47.537 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

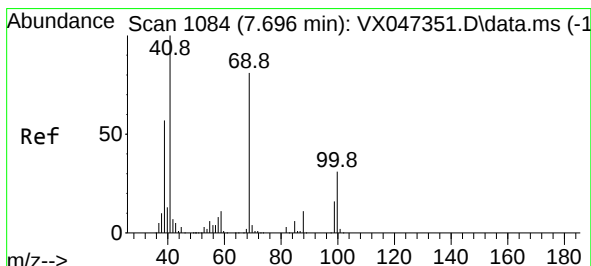
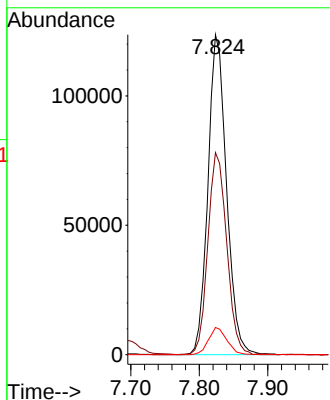
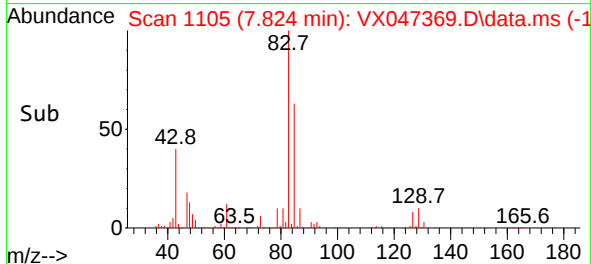
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 232890
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 8.5 7.0 10.4

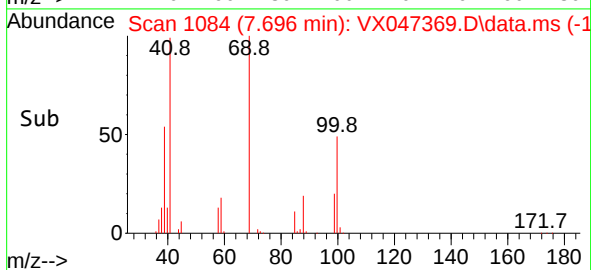
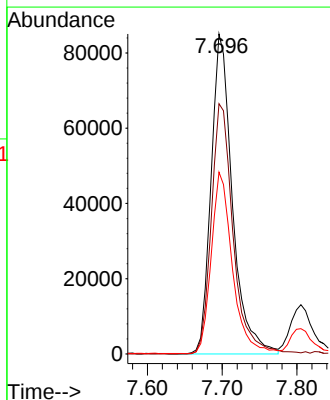
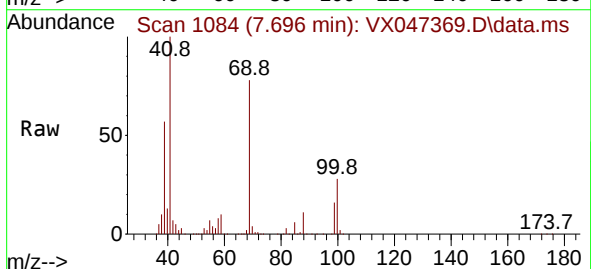
Manual Integrations
APPROVED

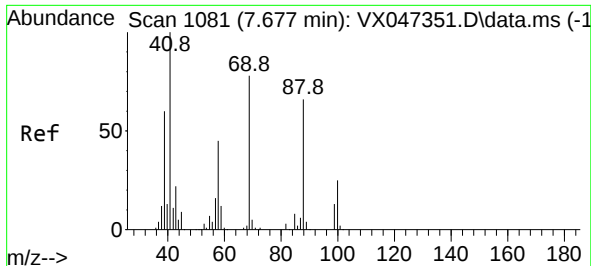
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 50.235 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 41 Resp: 168816
Ion Ratio Lower Upper
41 100
69 80.0 65.0 97.4
39 56.0 45.7 68.5





#49

1,4-Dioxane

Concen: 943.476 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3082

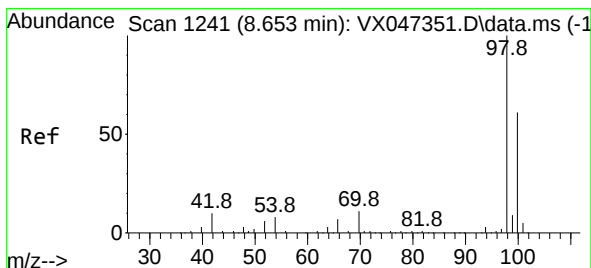
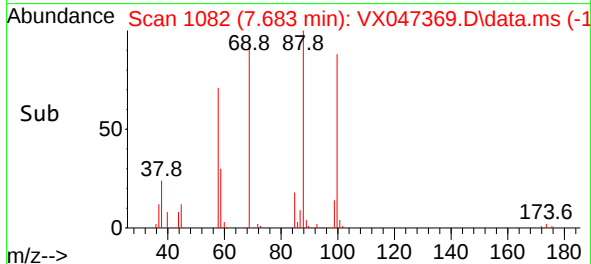
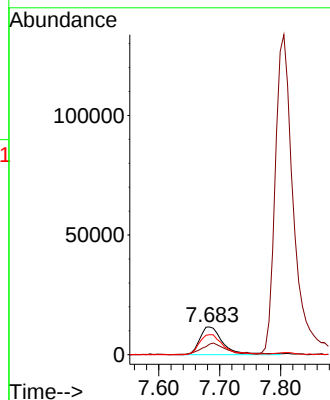
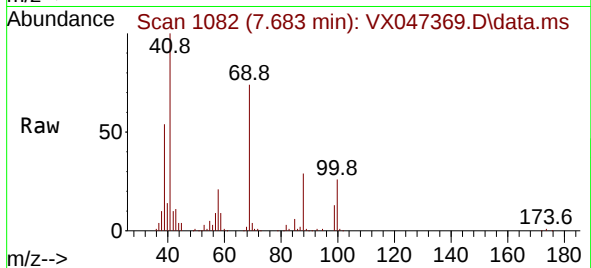
Ion	Ratio	Lower	Upper
88	100		
43	41.8	32.4	48.6
58	73.9	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 48.689 ug/l

RT: 8.653 min Scan# 1241

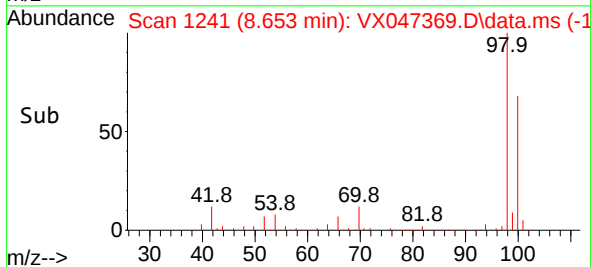
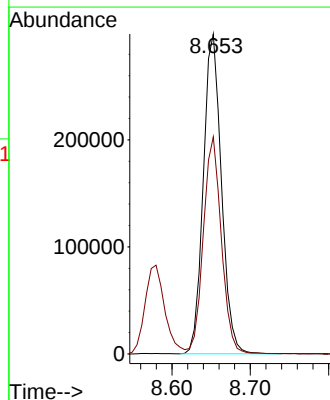
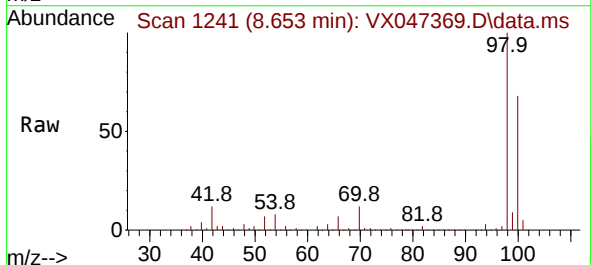
Delta R.T. 0.000 min

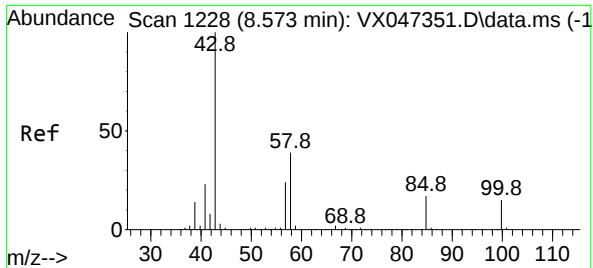
Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Tgt Ion: 98 Resp: 478569

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.9	80.9





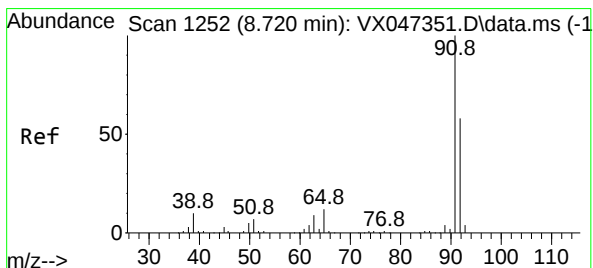
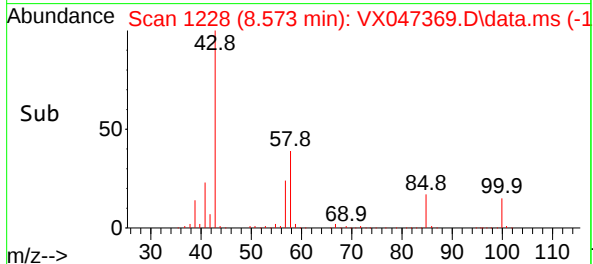
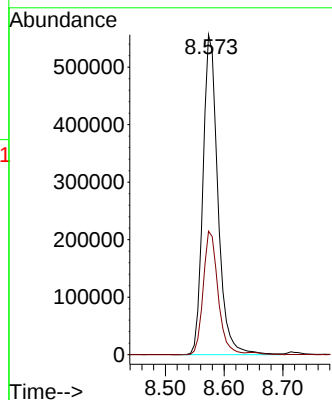
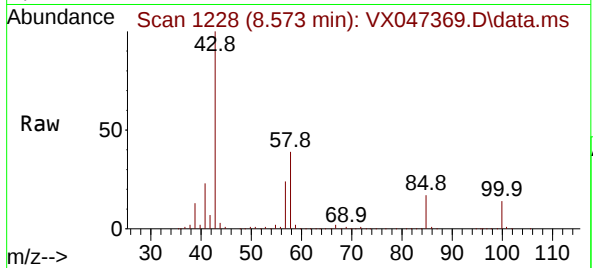
#51
4-Methyl-2-Pentanone
Concen: 264.515 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 98548
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8

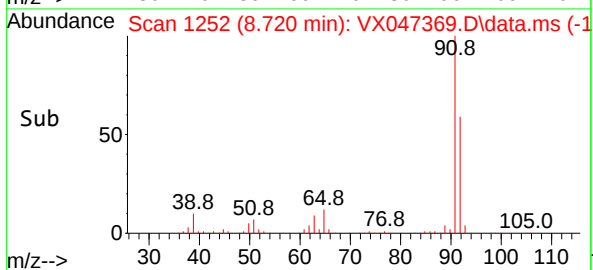
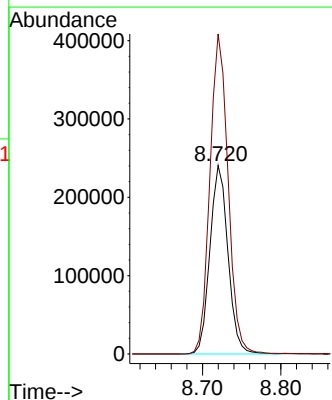
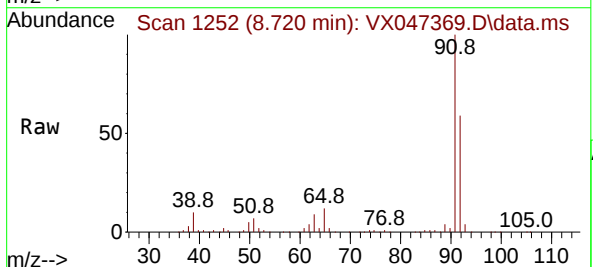
Manual Integrations
APPROVED

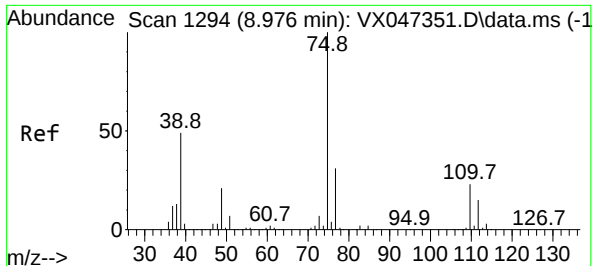
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 47.956 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Tgt Ion: 92 Resp: 385041
Ion Ratio Lower Upper
92 100
91 171.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 49.301 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 21080

Ion Ratio Lower Upper

75 100

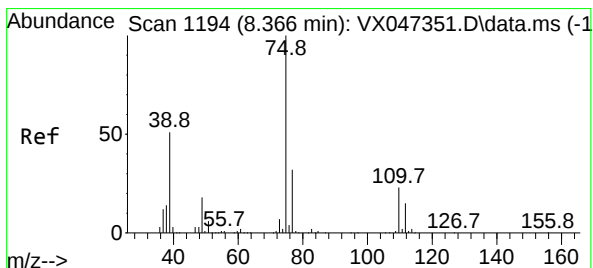
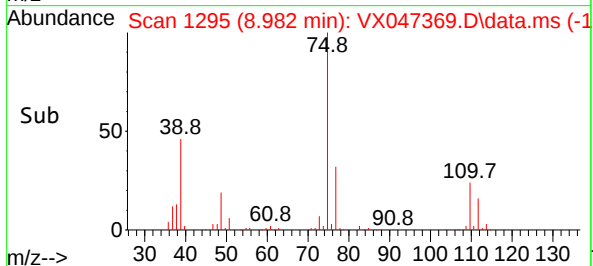
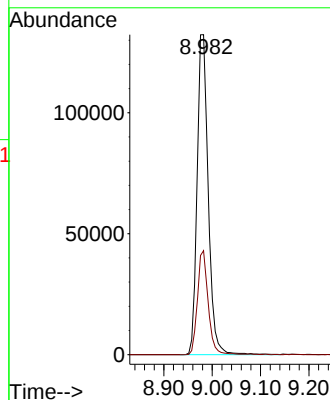
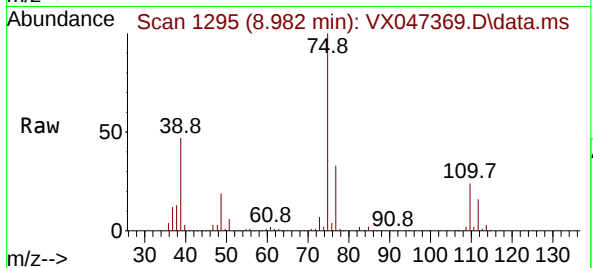
77 32.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#54

cis-1,3-Dichloropropene

Concen: 48.275 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

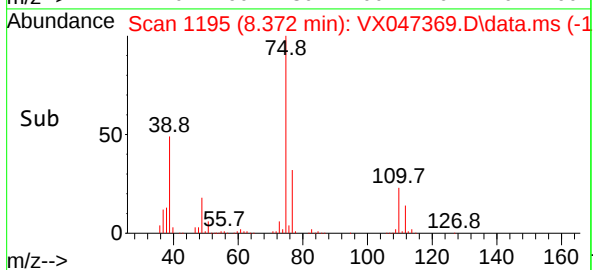
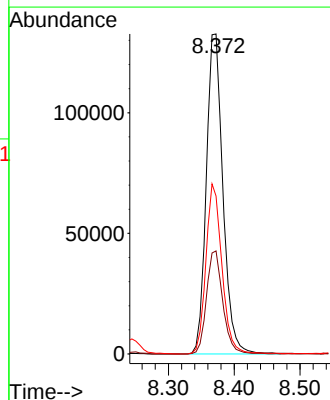
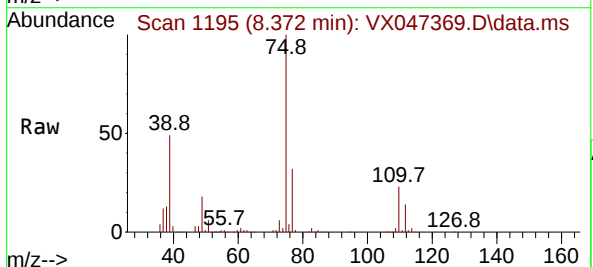
Tgt Ion: 75 Resp: 233636

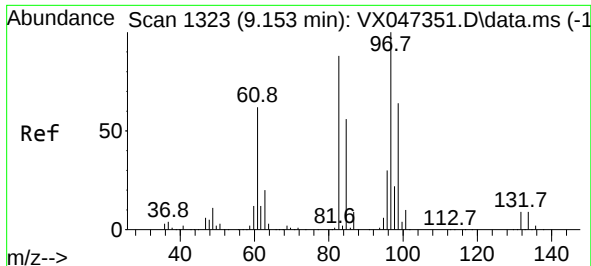
Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

39 49.3 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 48.406 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 14756

Ion Ratio Lower Upper

97 100

83 84.4 70.6 106.0

85 56.7 44.7 67.1

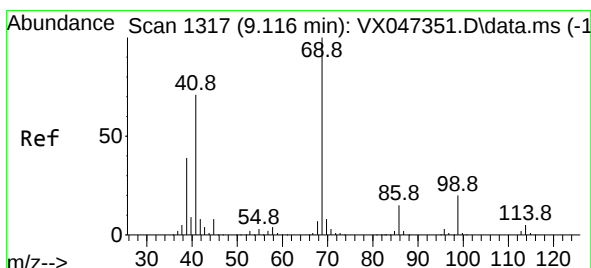
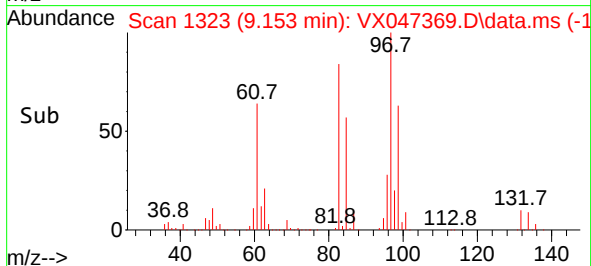
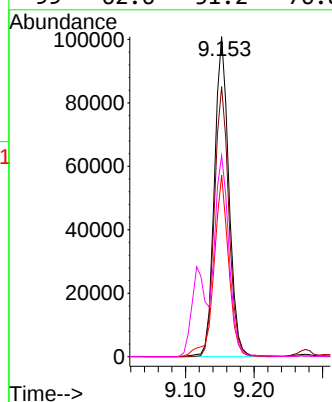
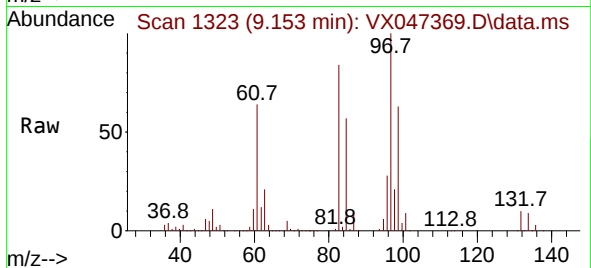
99 62.6 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#56

Ethyl methacrylate

Concen: 50.873 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

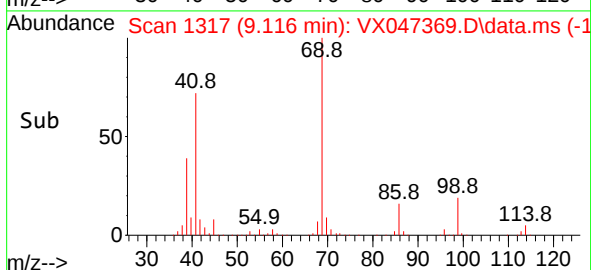
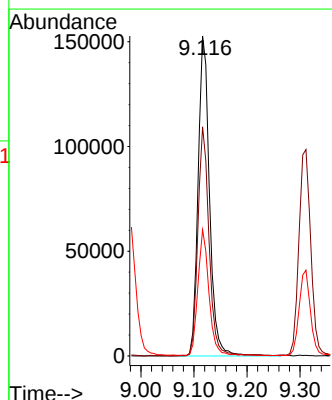
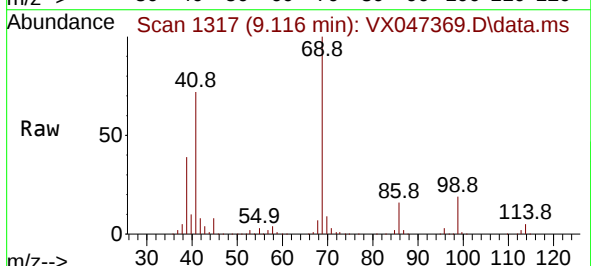
Tgt Ion: 69 Resp: 228646

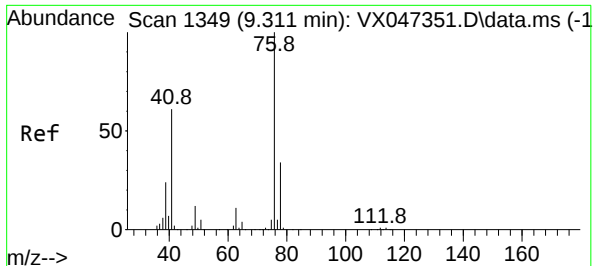
Ion Ratio Lower Upper

69 100

41 70.6 55.3 82.9

39 38.2 30.2 45.2





#57

1,3-Dichloropropane

Concen: 48.422 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 25152

Ion Ratio Lower Upper

76 100

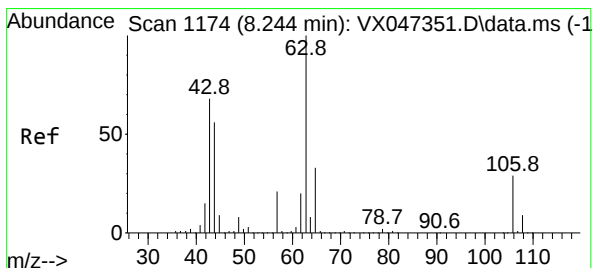
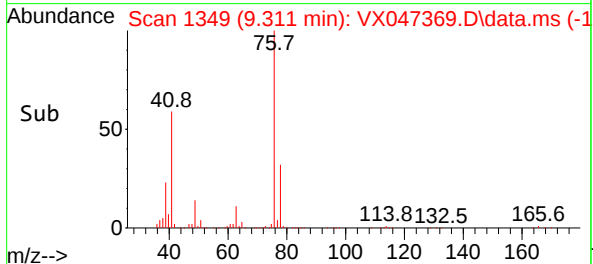
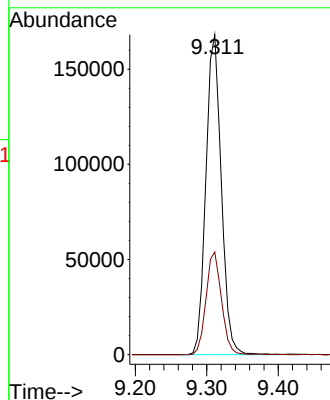
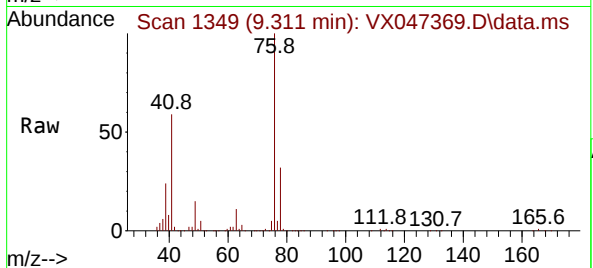
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 231.506 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047369.D

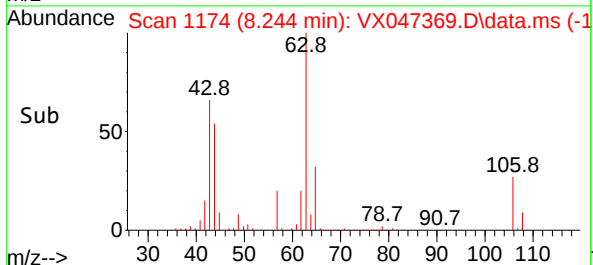
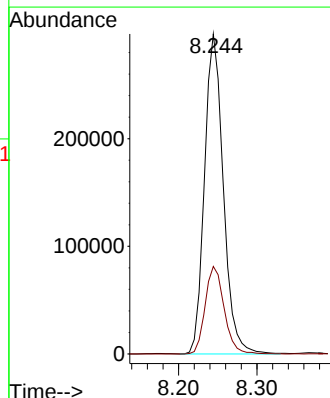
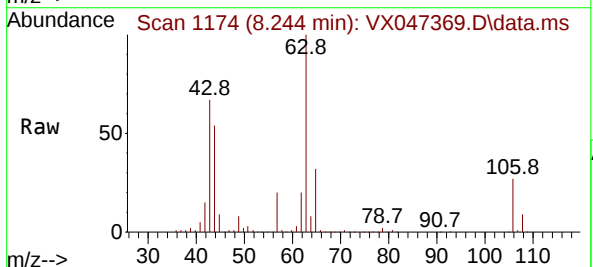
Acq: 15 Aug 2025 17:41

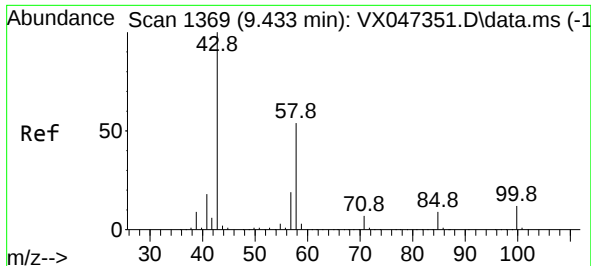
Tgt Ion: 63 Resp: 495476

Ion Ratio Lower Upper

63 100

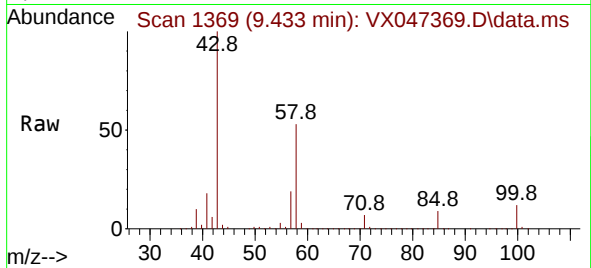
106 27.6 22.8 34.2





#59
2-Hexanone
Concen: 263.424 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

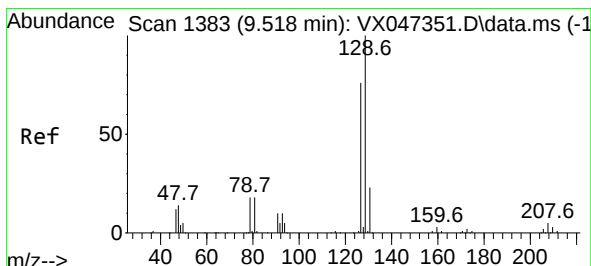
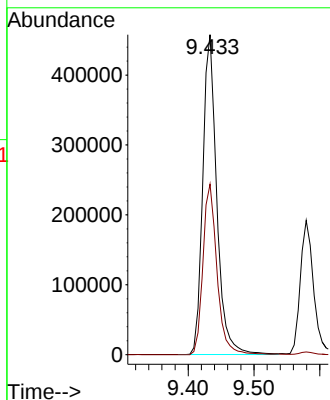
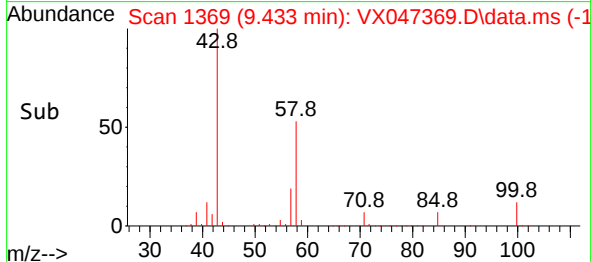
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 678869
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7

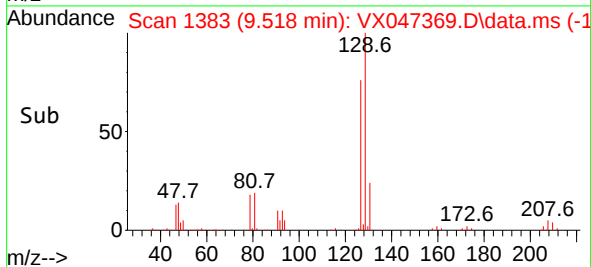
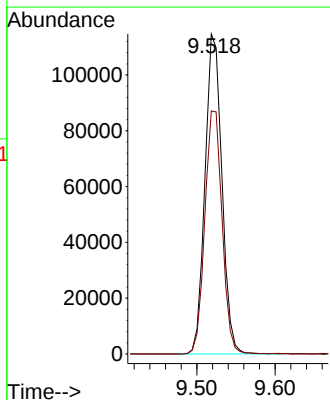
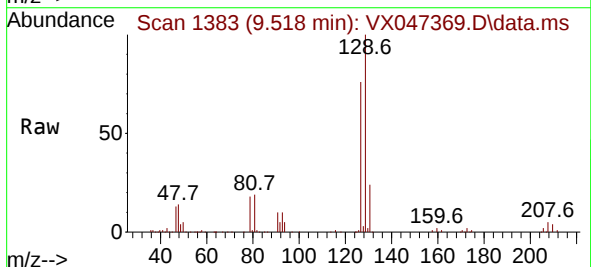
Manual Integrations
APPROVED

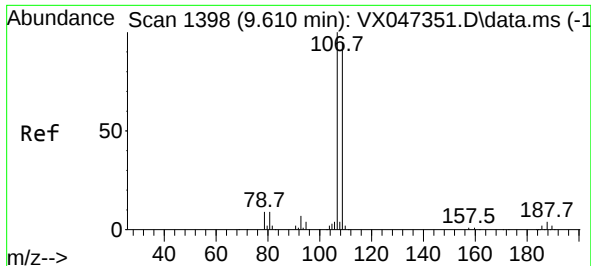
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 47.350 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

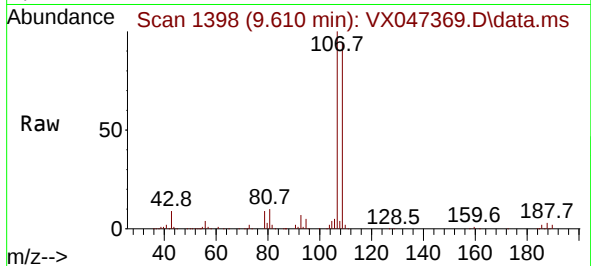
Tgt Ion:129 Resp: 171539
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 48.044 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

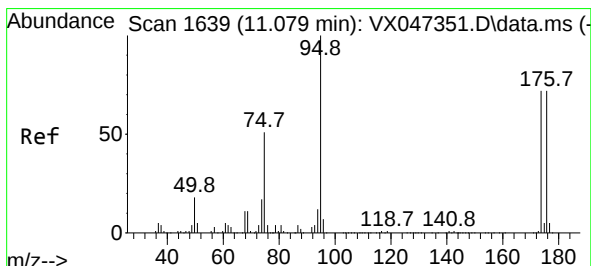
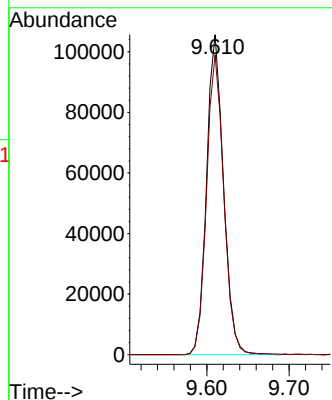
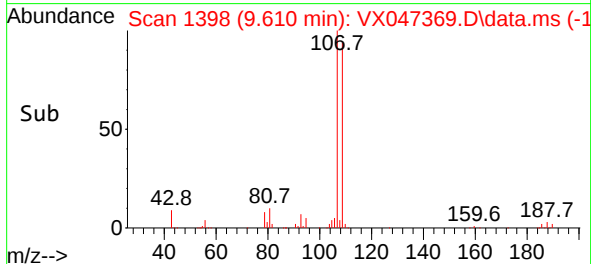
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



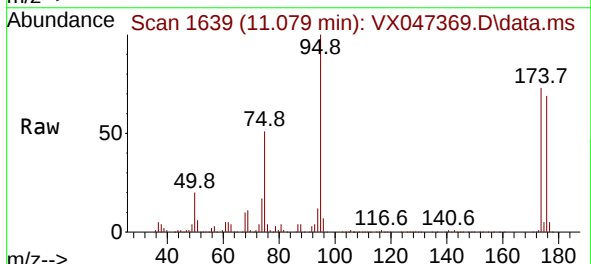
Tgt Ion:107 Resp: 15102
Ion Ratio Lower Upper
107 100
109 95.4 76.2 114.2

Manual Integrations
APPROVED

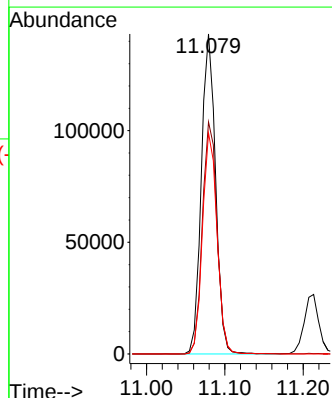
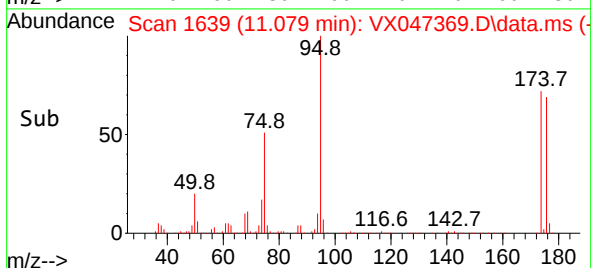
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

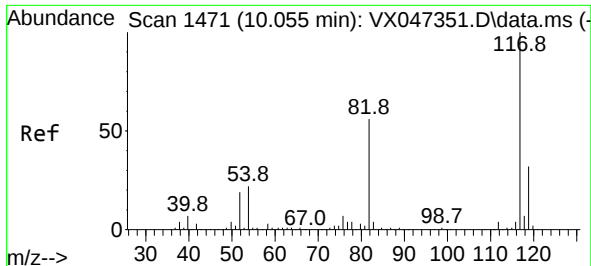


#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



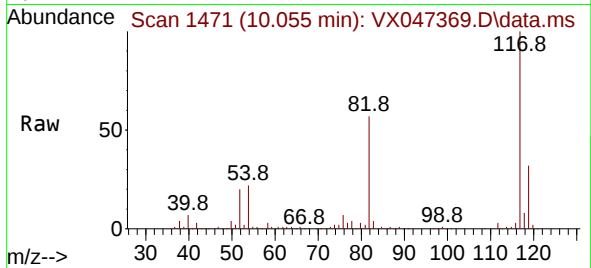
Tgt Ion: 95 Resp: 180848
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.0
176 70.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

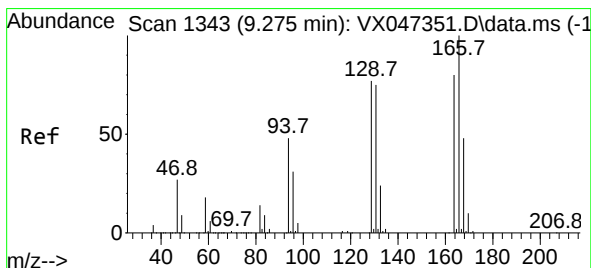
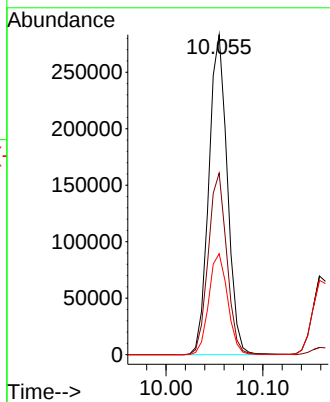
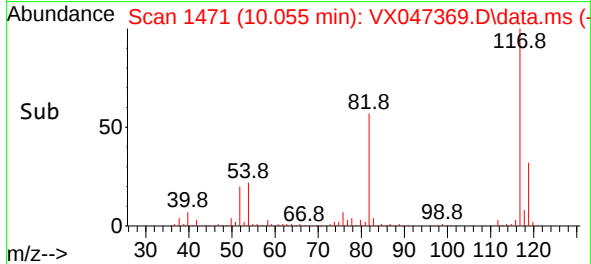
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 37712
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 31.6 25.8 38.8

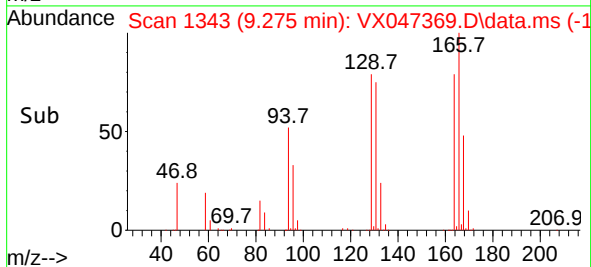
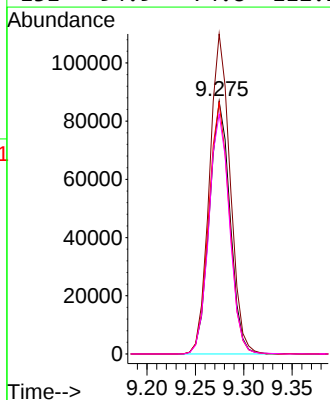
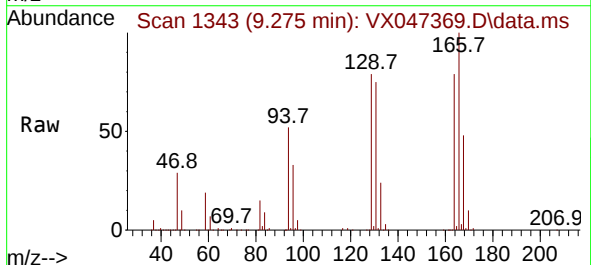
Manual Integrations
APPROVED

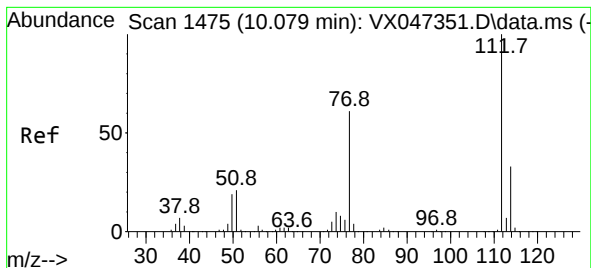
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 47.219 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

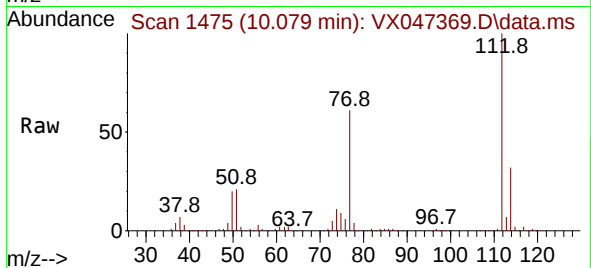
Tgt Ion:164 Resp: 128802
Ion Ratio Lower Upper
164 100
166 126.6 100.3 150.5
129 99.6 77.7 116.5
131 94.9 74.8 112.2





#65
Chlorobenzene
Concen: 46.862 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

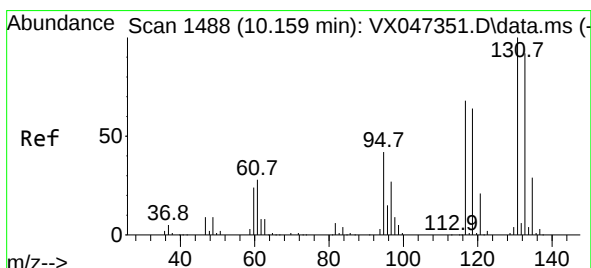
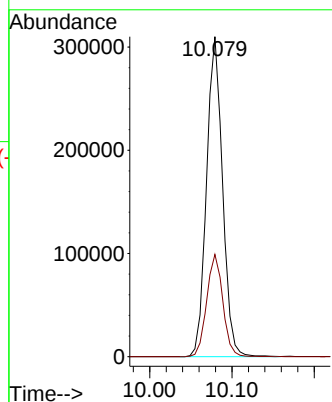
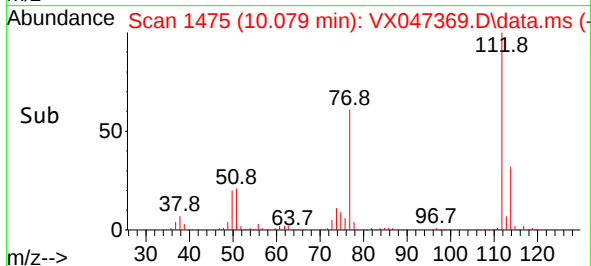
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



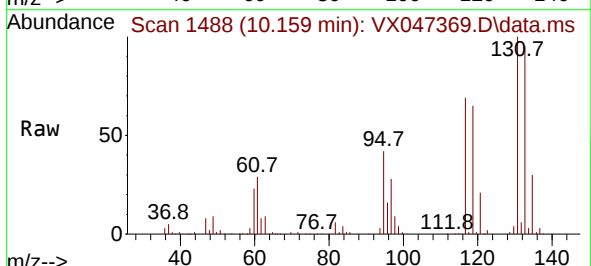
Tgt Ion:112 Resp: 419970
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6

Manual Integrations
APPROVED

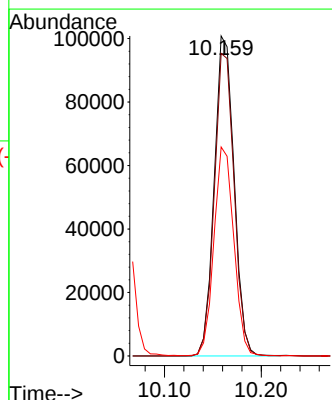
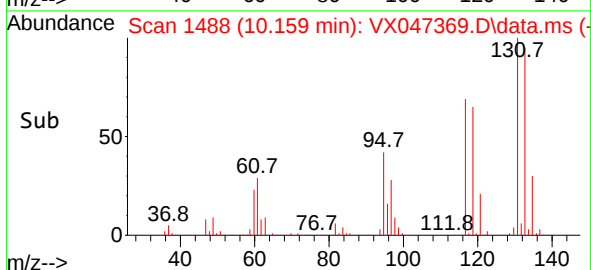
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

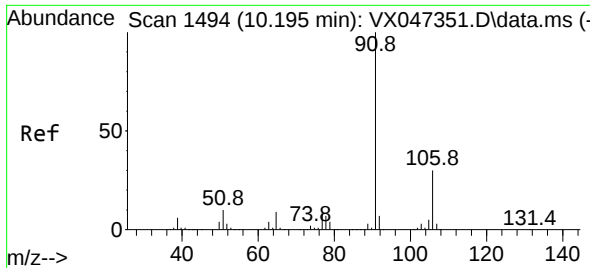


#66
1,1,1,2-Tetrachloroethane
Concen: 47.366 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



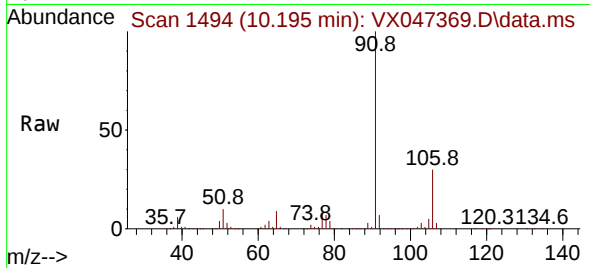
Tgt Ion:131 Resp: 143495
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 65.6 32.3 96.8





#67
Ethyl Benzene
Concen: 48.132 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

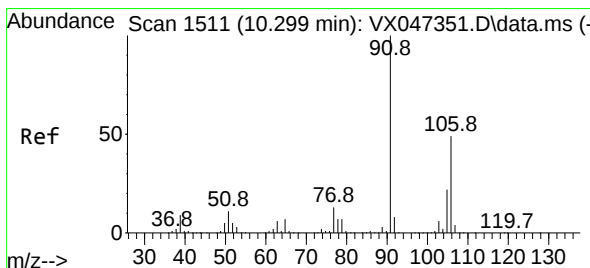
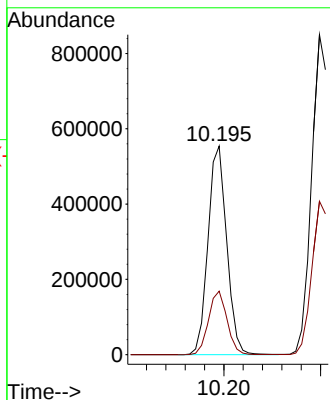
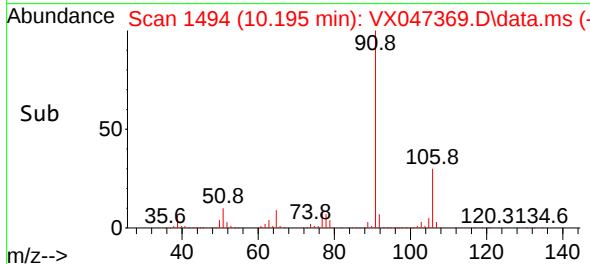
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



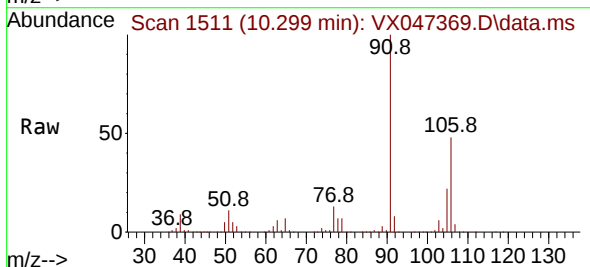
Tgt Ion: 91 Resp: 742420
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

Manual Integrations
APPROVED

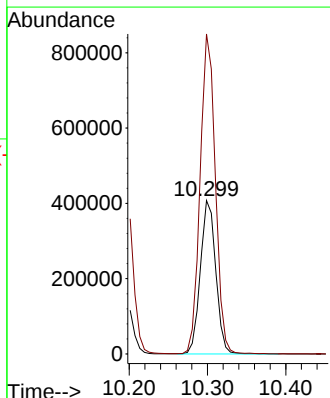
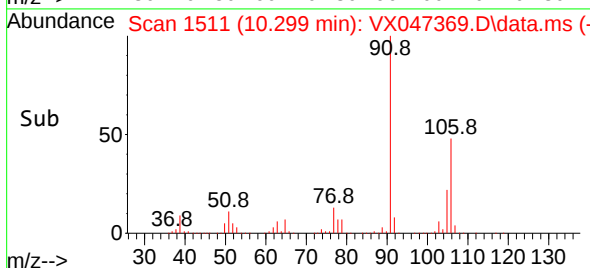
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

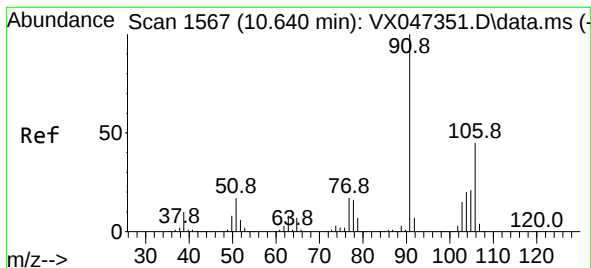


#68
m/p-Xylenes
Concen: 96.708 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



Tgt Ion:106 Resp: 556218
Ion Ratio Lower Upper
106 100
91 206.8 164.7 247.1





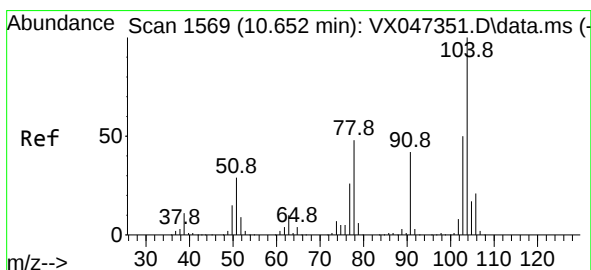
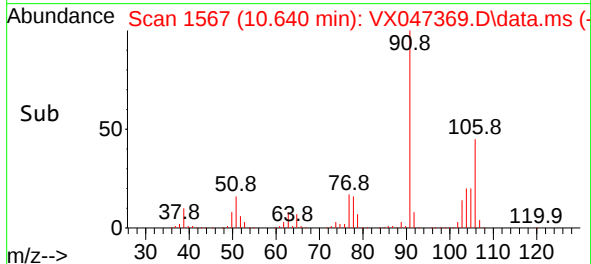
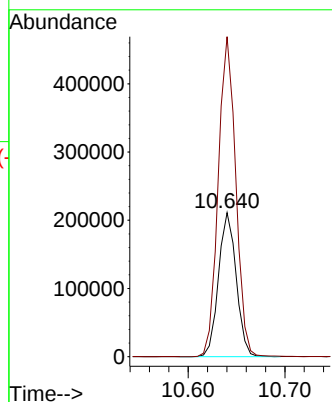
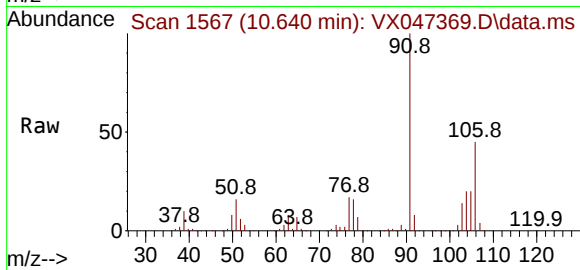
#69
o-Xylene
Concen: 48.345 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 267582
Ion Ratio Lower Upper
106 100
91 220.4 110.6 331.8

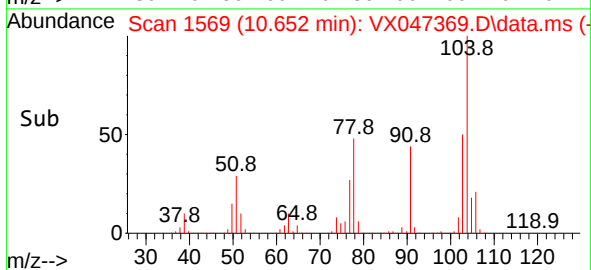
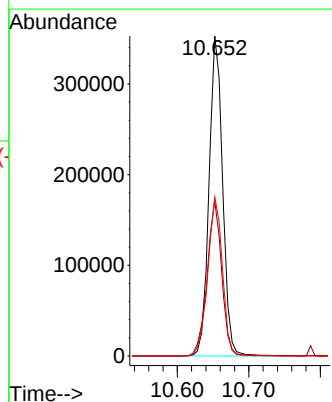
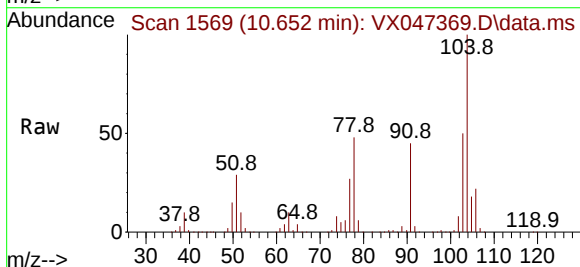
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 49.774 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

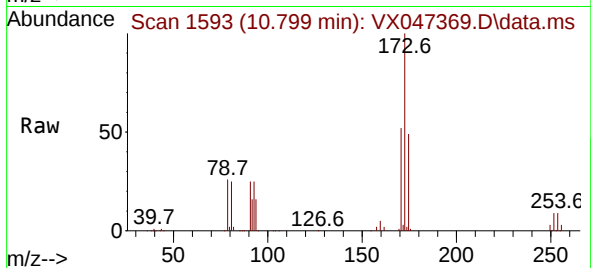
Tgt Ion:104 Resp: 465494
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 53.7 43.6 65.4





#71
Bromoform
Concen: 49.178 ug/l
RT: 10.799 min Scan# 11192
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

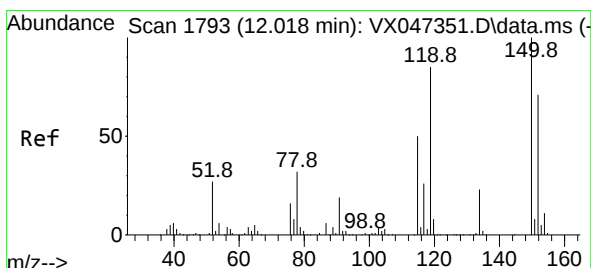
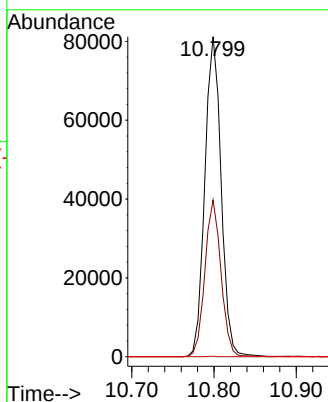
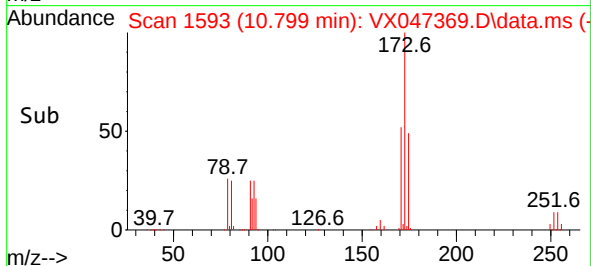
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



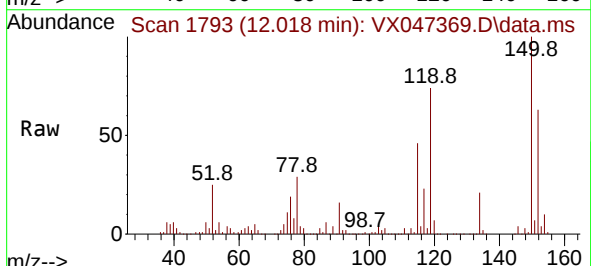
Tgt Ion:173 Resp: 11192
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

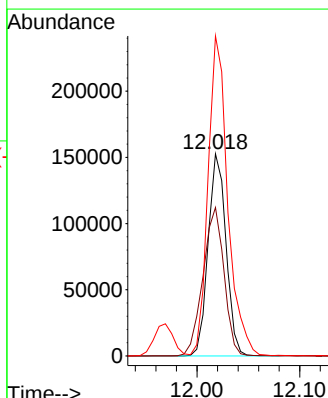
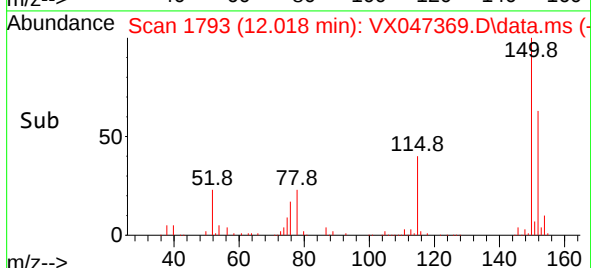
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

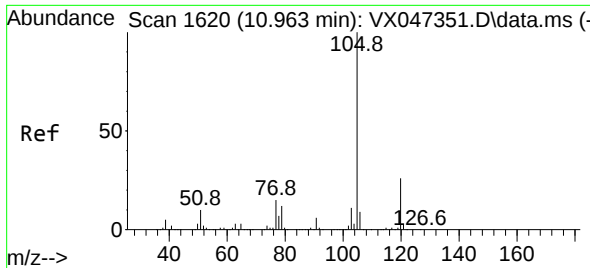


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



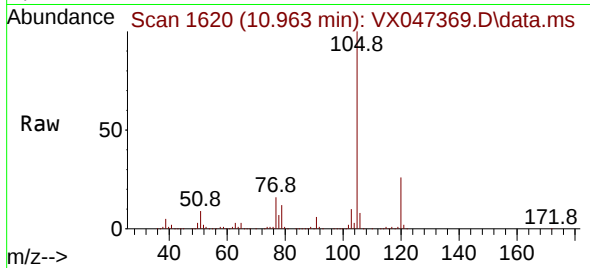
Tgt Ion:152 Resp: 185359
Ion Ratio Lower Upper
152 100
115 86.1 44.6 133.8
150 173.7 0.0 349.8





#73
Isopropylbenzene
Concen: 48.148 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

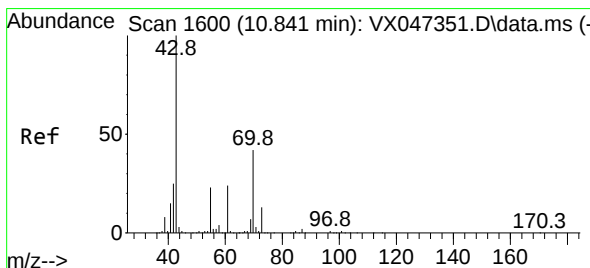
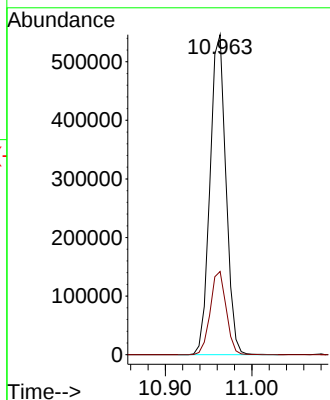
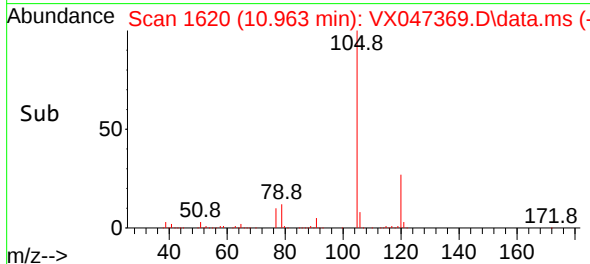
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



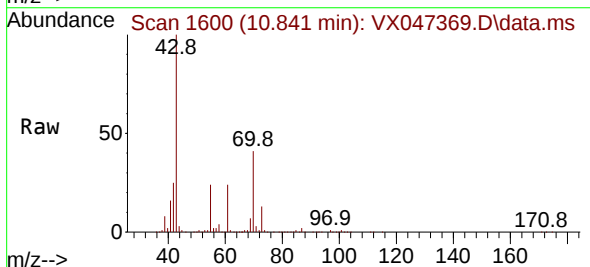
Tgt Ion:105 Resp: 698402
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

Manual Integrations
APPROVED

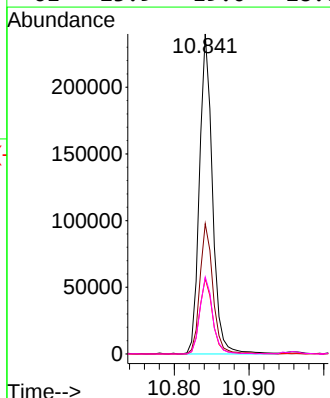
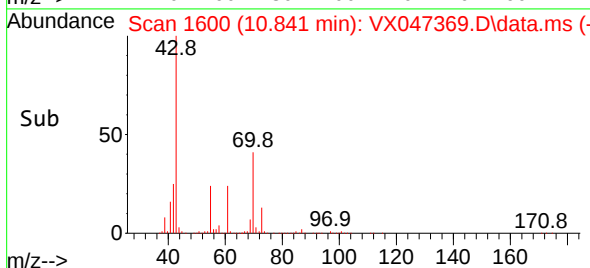
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

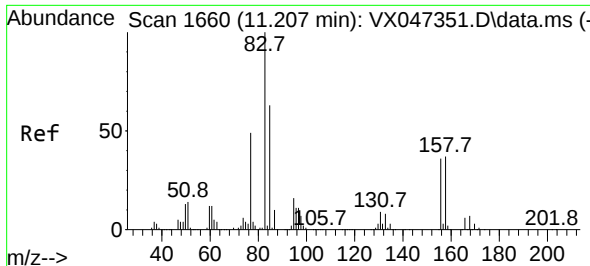


#74
N-ethyl acetate
Concen: 52.718 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



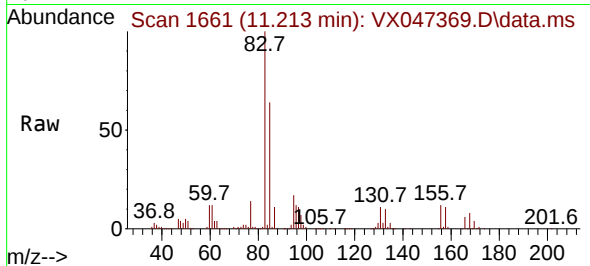
Tgt Ion: 43 Resp: 290383
Ion Ratio Lower Upper
43 100
70 40.8 33.1 49.7
55 23.8 19.0 28.6
61 23.9 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 49.044 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

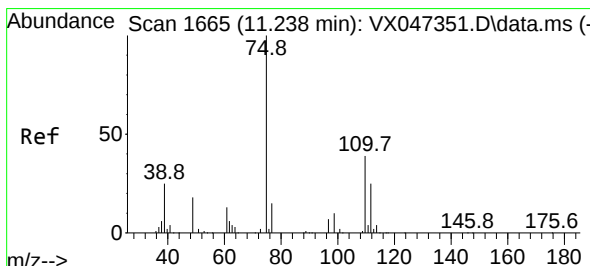
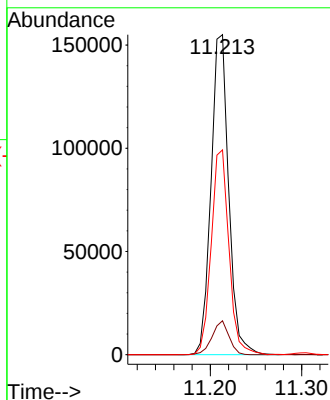
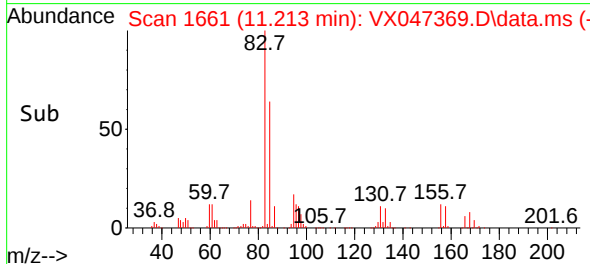
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20886
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.1 31.7 95.1

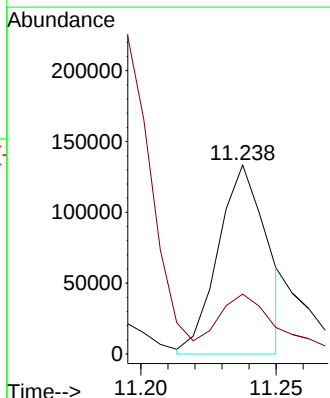
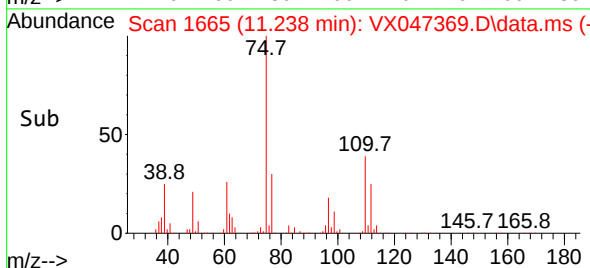
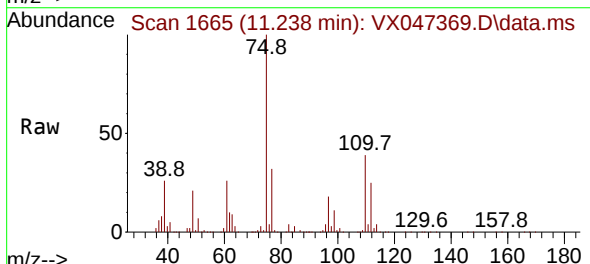
Manual Integrations
APPROVED

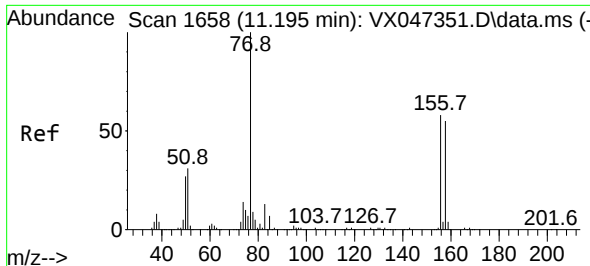
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#76
1,2,3-Trichloropropane
Concen: 48.924 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

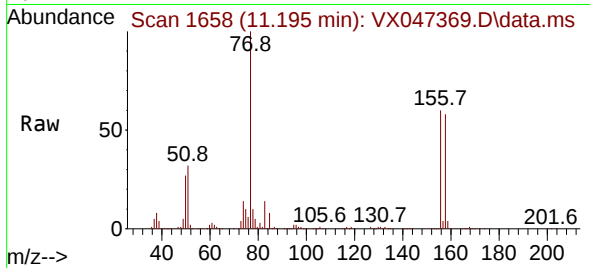
Tgt Ion: 75 Resp: 166325
Ion Ratio Lower Upper
75 100
77 39.1 19.4 58.2





#77
Bromobenzene
Concen: 48.280 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

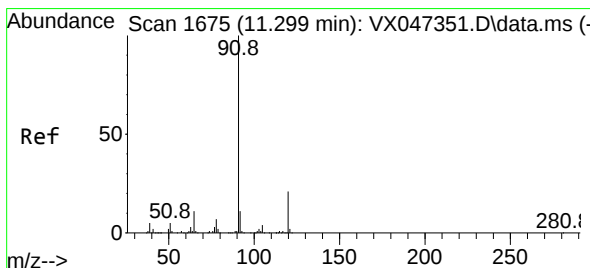
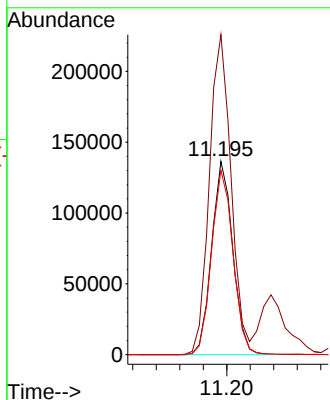
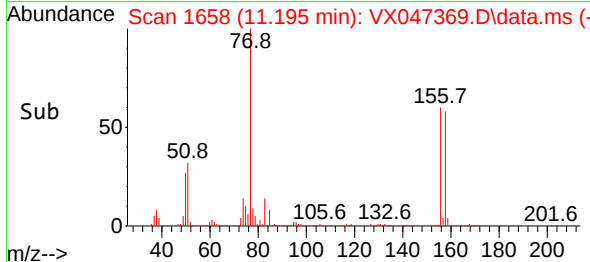
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



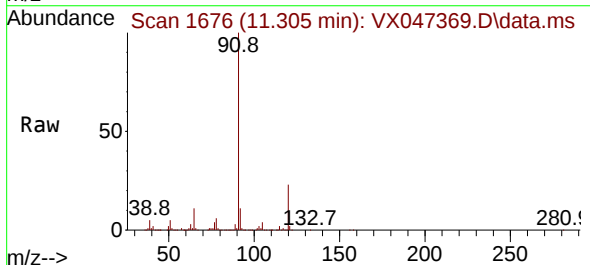
Tgt Ion:156 Resp: 171008
Ion Ratio Lower Upper
156 100
77 169.4 86.3 258.9
158 96.8 48.0 144.2

Manual Integrations
APPROVED

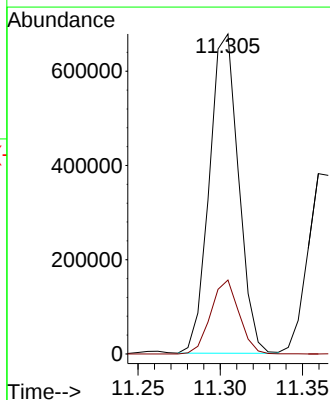
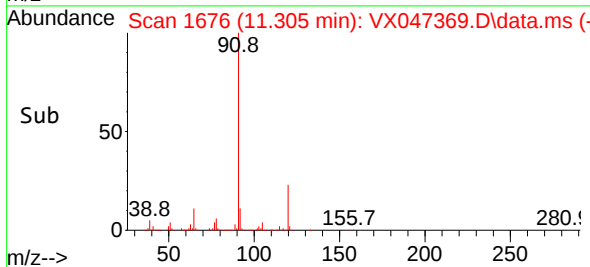
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78
n-propylbenzene
Concen: 48.305 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



Tgt Ion: 91 Resp: 836824
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





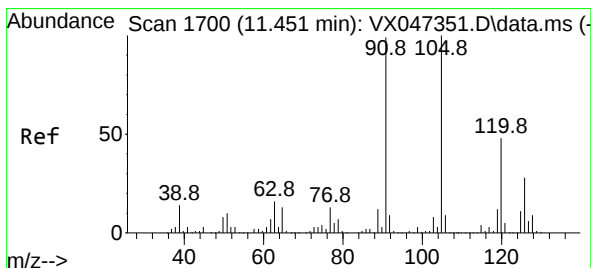
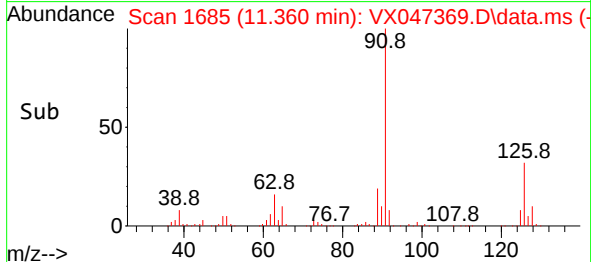
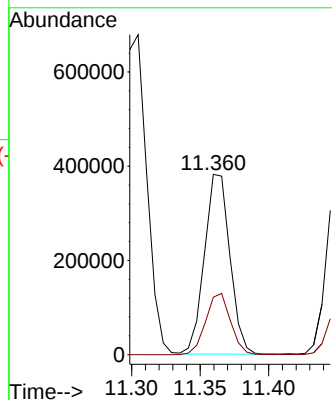
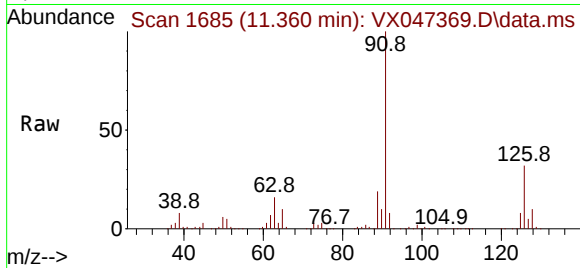
#79
2-Chlorotoluene
Concen: 47.154 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 493814
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1

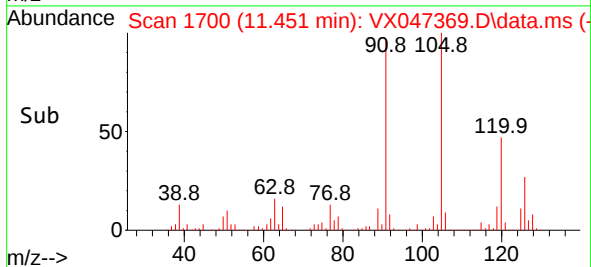
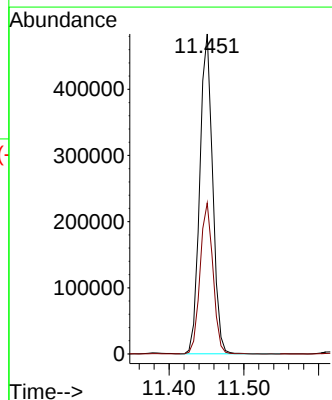
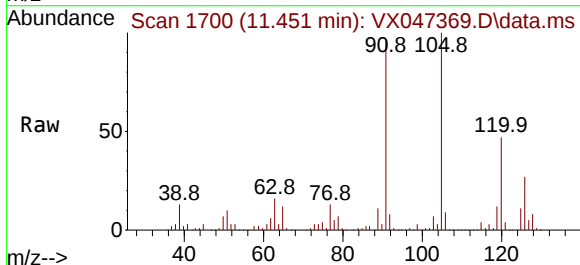
Manual Integrations
APPROVED

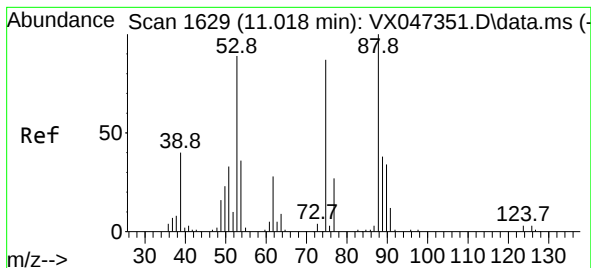
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.316 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

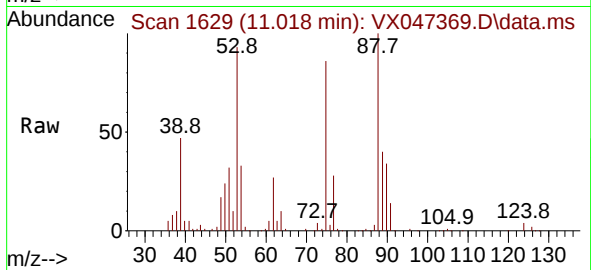
Tgt Ion:105 Resp: 576641
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 40.864 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

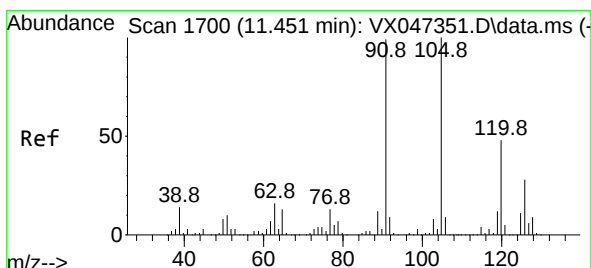
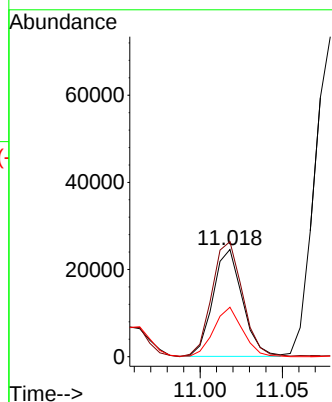
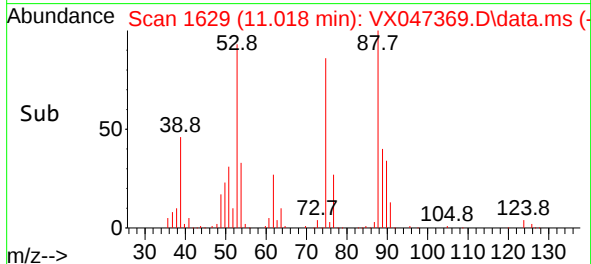
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



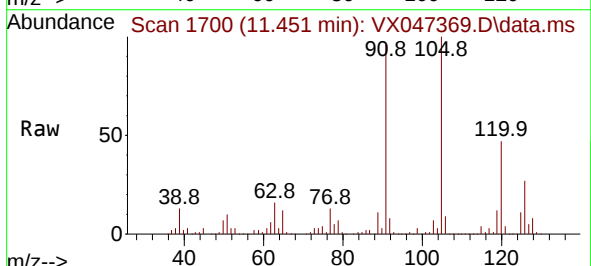
Tgt Ion: 75 Resp: 30620
Ion Ratio Lower Upper
75 100
53 113.9 85.2 127.8
89 45.5 36.7 55.1

Manual Integrations
APPROVED

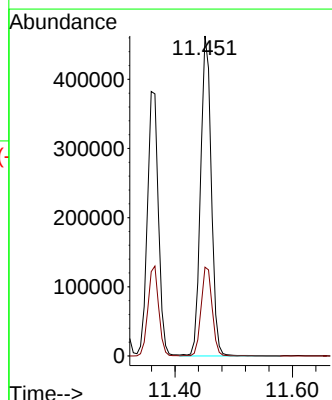
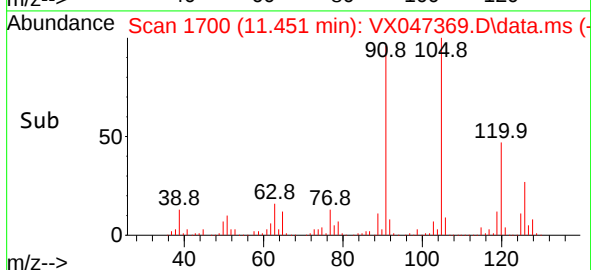
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

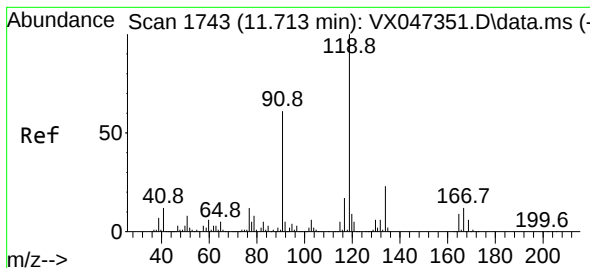


#82
4-Chlorotoluene
Concen: 47.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



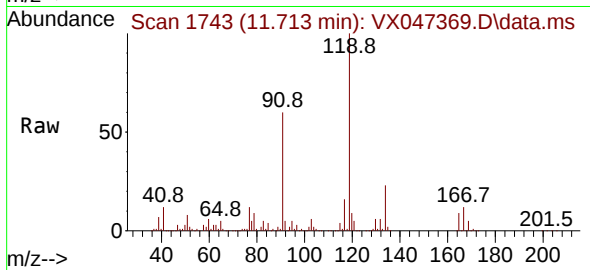
Tgt Ion: 91 Resp: 588084
Ion Ratio Lower Upper
91 100
126 28.5 14.4 43.0





#83
tert-Butylbenzene
Concen: 48.498 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

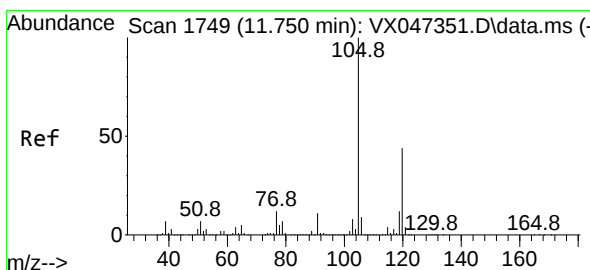
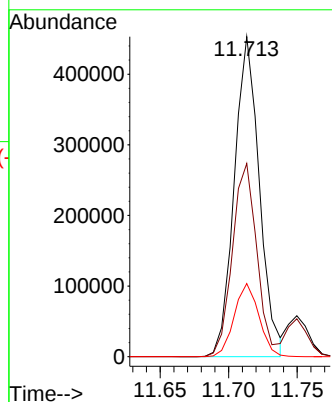
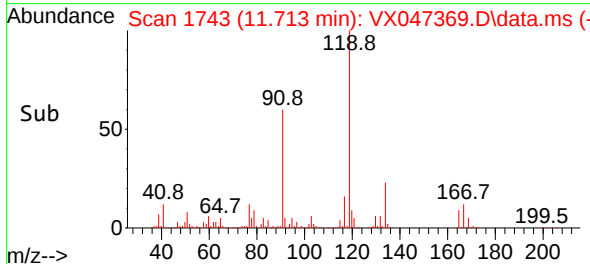
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



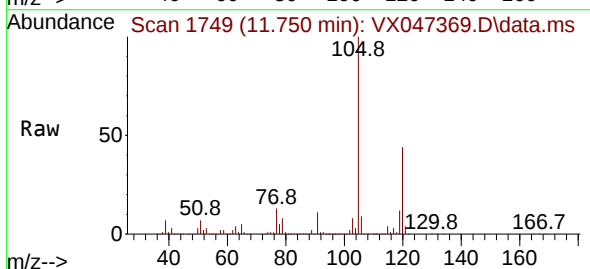
Tgt Ion:119 Resp: 577460
Ion Ratio Lower Upper
119 100
91 59.6 29.1 87.4
134 22.6 11.3 33.9

Manual Integrations
APPROVED

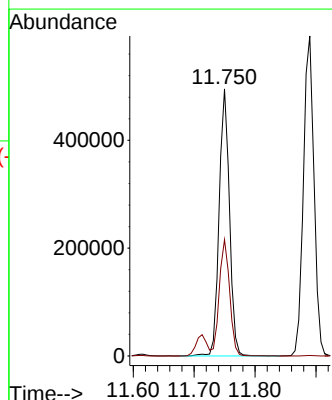
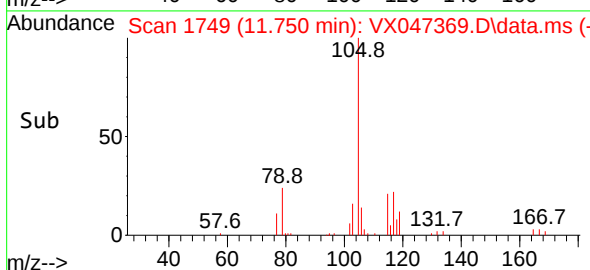
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

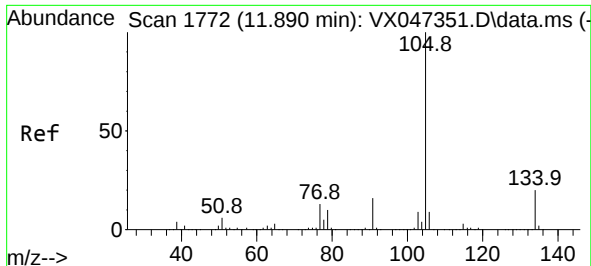


#84
1,2,4-Trimethylbenzene
Concen: 48.662 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



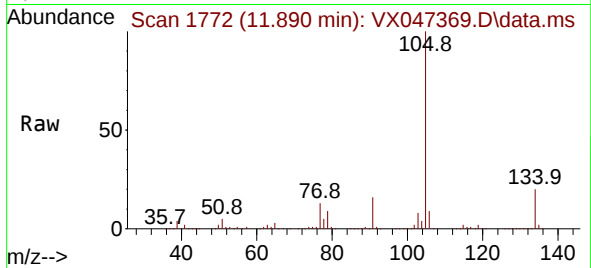
Tgt Ion:105 Resp: 580775
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 48.475 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047369.D
 Acq: 15 Aug 2025 17:41

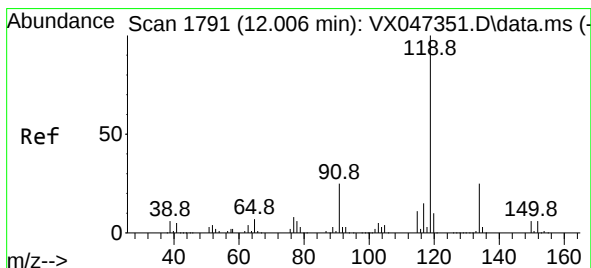
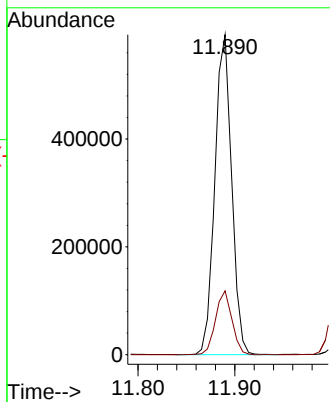
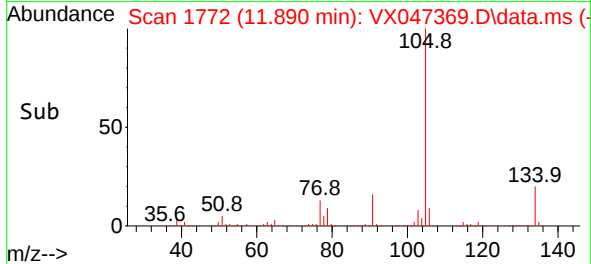
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 715409
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

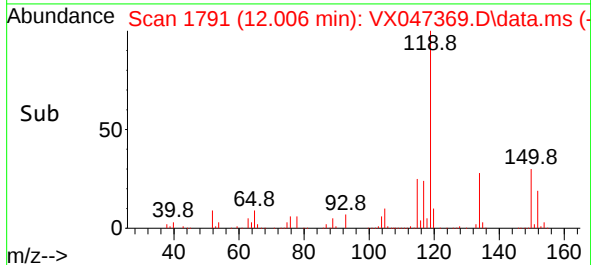
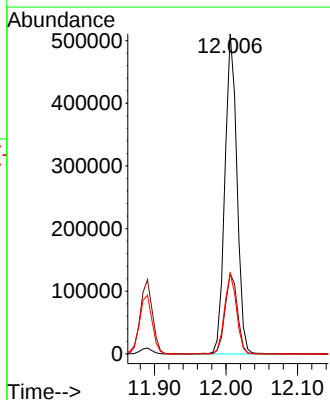
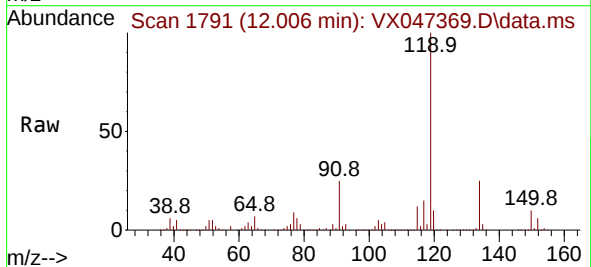
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 47.959 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047369.D
 Acq: 15 Aug 2025 17:41

Tgt Ion:119 Resp: 598935
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.738 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 316260

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

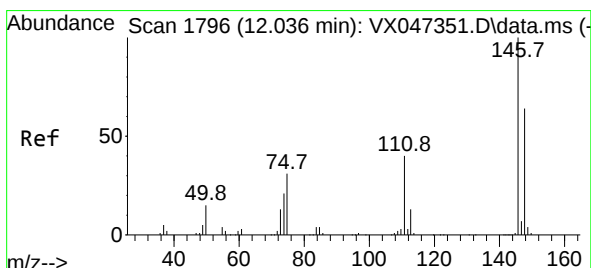
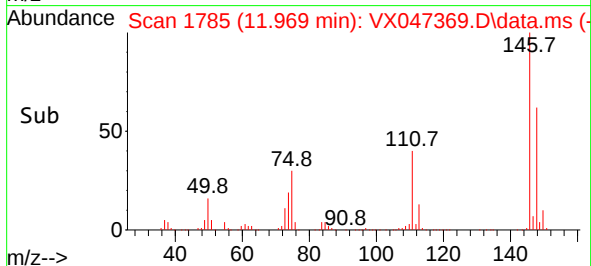
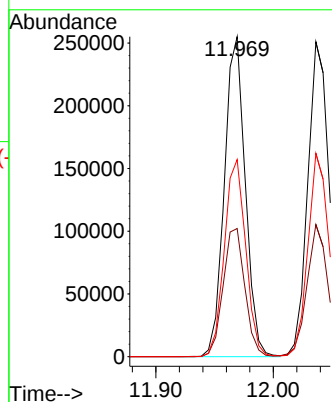
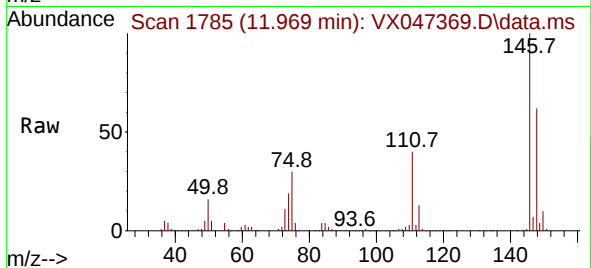
148 62.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 45.446 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

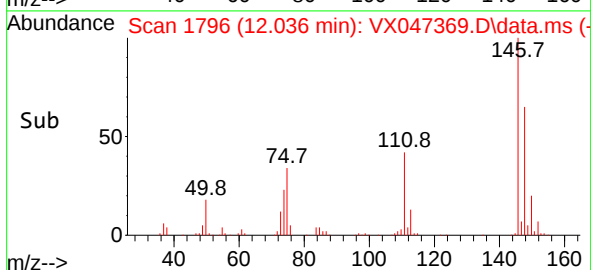
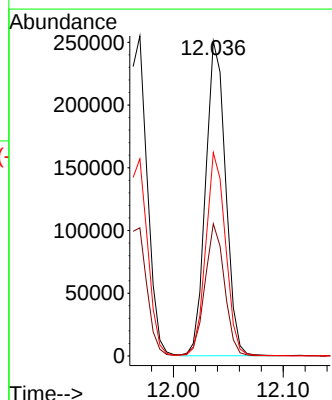
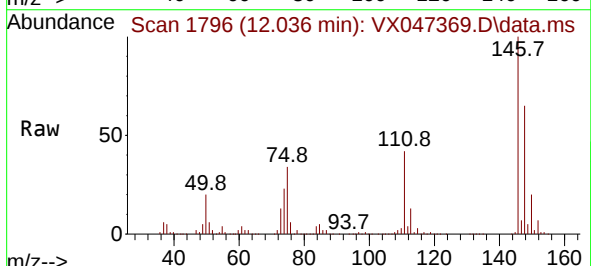
Tgt Ion:146 Resp: 316284

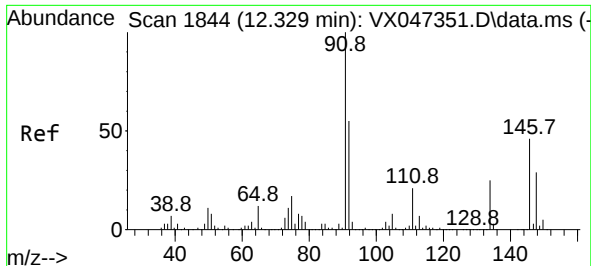
Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.2

148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 47.531 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

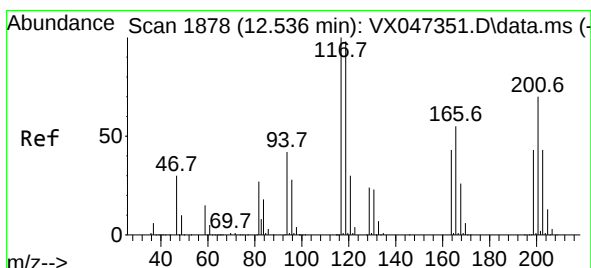
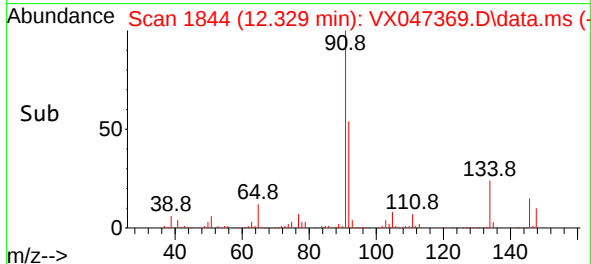
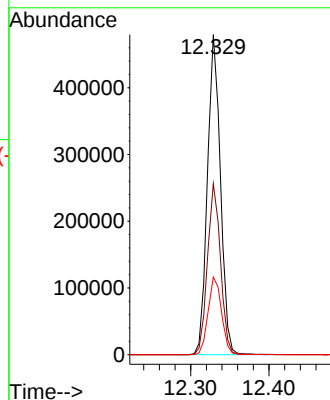
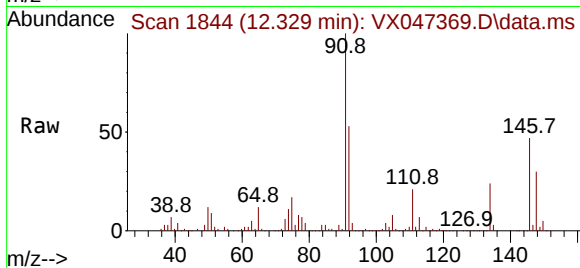
Tgt Ion: 91 Resp: 552112
 Ion Ratio Lower Upper
 91 100
 92 53.6 27.2 81.5
 134 25.1 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#90

Hexachloroethane

Concen: 47.461 ug/l

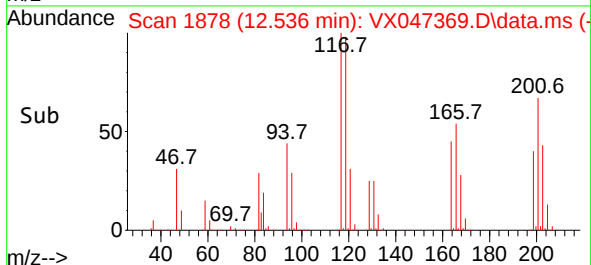
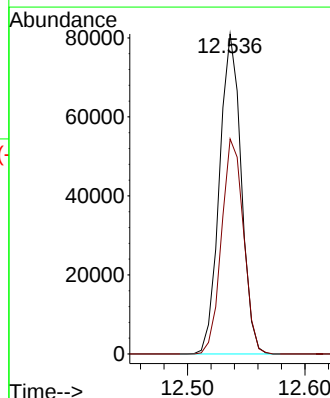
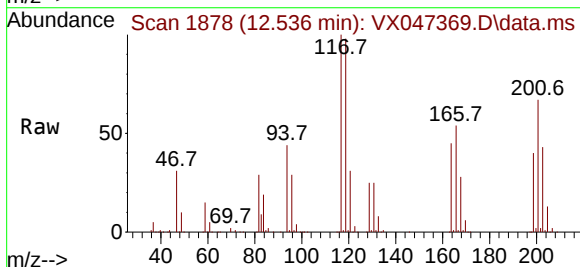
RT: 12.536 min Scan# 1878

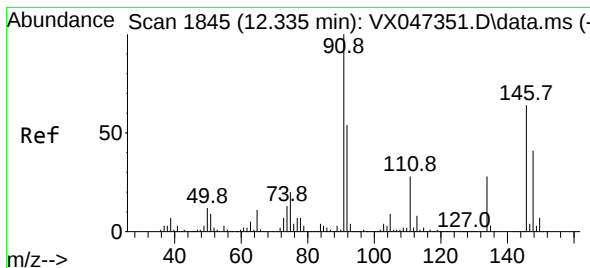
Delta R.T. 0.000 min

Lab File: VX047369.D

Acq: 15 Aug 2025 17:41

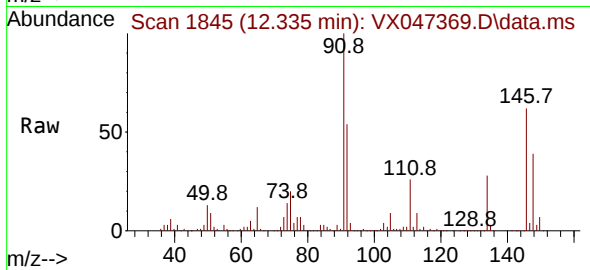
Tgt Ion:117 Resp: 103982
 Ion Ratio Lower Upper
 117 100
 201 68.1 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 46.443 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

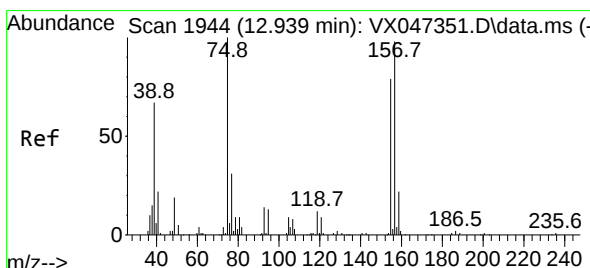
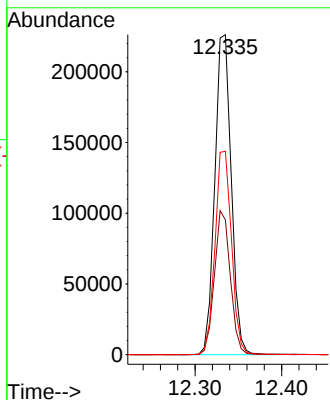
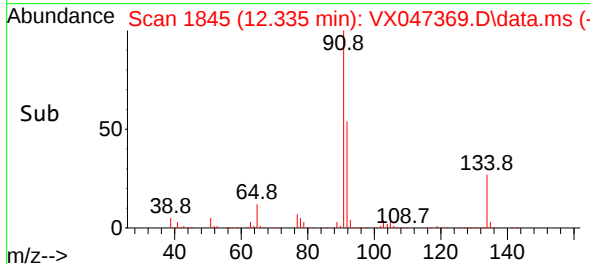
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 298289
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.1
148 64.0 31.9 95.5

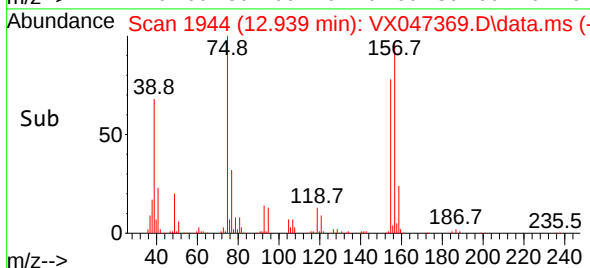
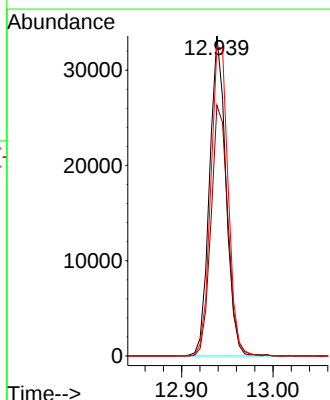
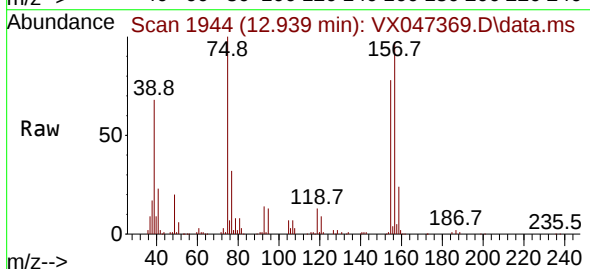
Manual Integrations
APPROVED

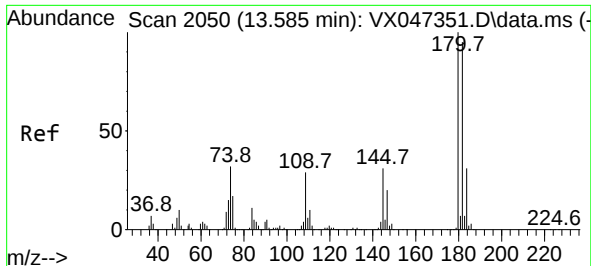
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.697 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

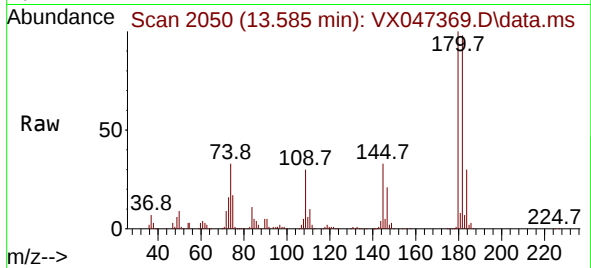
Tgt Ion: 75 Resp: 41755
Ion Ratio Lower Upper
75 100
155 81.0 41.3 123.7
157 102.6 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 46.241 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

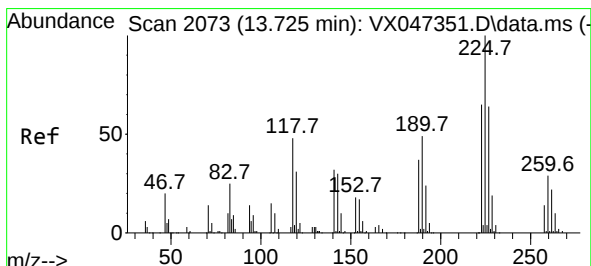
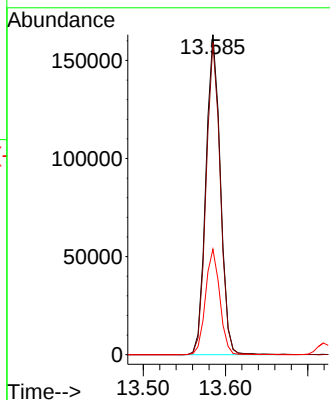
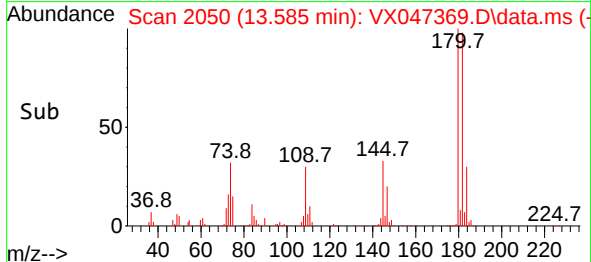
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 19910
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.4
145 32.5 16.2 48.5

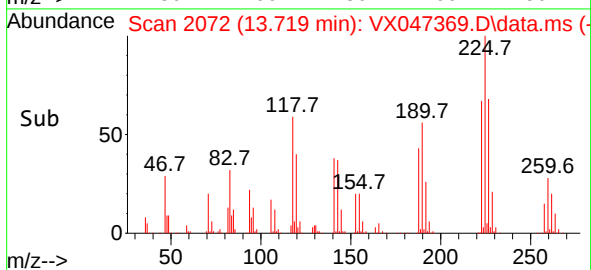
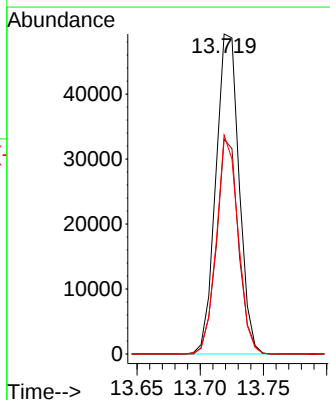
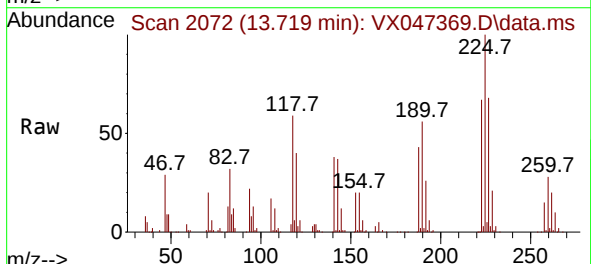
Manual Integrations
APPROVED

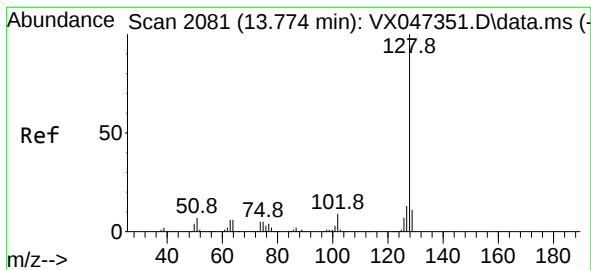
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#94
Hexachlorobutadiene
Concen: 40.906 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

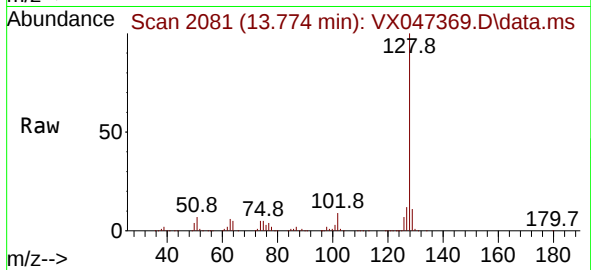
Tgt Ion:225 Resp: 62693
Ion Ratio Lower Upper
225 100
223 63.4 32.2 96.6
227 63.8 31.6 95.0





#95
Naphthalene
Concen: 51.265 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41

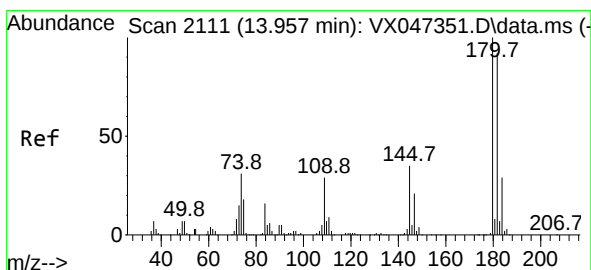
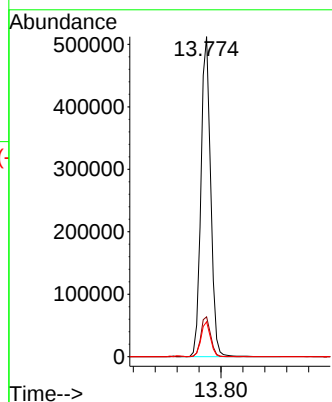
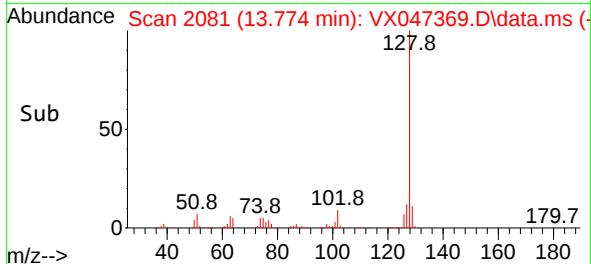
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



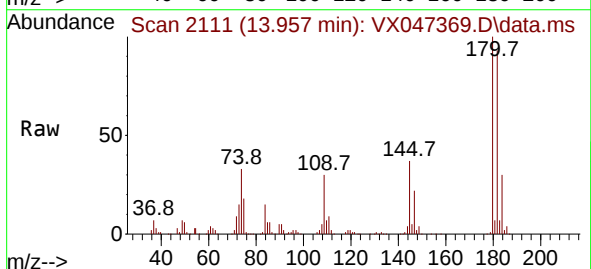
Tgt Ion:128 Resp: 63079
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.011 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047369.D
Acq: 15 Aug 2025 17:41



Tgt Ion:180 Resp: 190800
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.2
145 35.2 17.4 52.2

