

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047350.D
 Acq On : 15 Aug 2025 10:01
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 18 02:53:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	259497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60290	16.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	33.200%#		
35) Dibromofluoromethane	5.397	113	48382	17.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.300%#		
50) Toluene-d8	8.653	98	172730	17.133	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.260%#		
62) 4-Bromofluorobenzene	11.079	95	64433	17.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	66192	20.010	ug/l	96
3) Chloromethane	1.313	50	58950	19.810	ug/l	96
4) Vinyl Chloride	1.392	62	77968	20.874	ug/l	99
5) Bromomethane	1.624	94	30761	20.389	ug/l	89
6) Chloroethane	1.703	64	45658	19.979	ug/l	100
7) Trichlorofluoromethane	1.904	101	116366	21.062	ug/l	96
8) Diethyl Ether	2.148	74	40131	20.629	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	68887	21.495	ug/l	100
10) Methyl Iodide	2.471	142	94708	17.244	ug/l	99
11) Tert butyl alcohol	2.965	59	30471	96.445	ug/l	98
12) 1,1-Dichloroethene	2.337	96	68973	21.110	ug/l	98
13) Acrolein	2.252	56	63232	94.809	ug/l	100
14) Allyl chloride	2.678	41	118613	20.902	ug/l	99
15) Acrylonitrile	3.081	53	163095	106.830	ug/l	99
16) Acetone	2.392	43	161019	117.954	ug/l	95
17) Carbon Disulfide	2.532	76	198834	20.167	ug/l	98
18) Methyl Acetate	2.715	43	68662	19.410	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	209527	21.080	ug/l	98
20) Methylene Chloride	2.806	84	76029	21.033	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	73205	21.110	ug/l	99
22) Diisopropyl ether	3.776	45	246210	21.949	ug/l	98
23) Vinyl Acetate	3.733	43	996178	108.348	ug/l	97
24) 1,1-Dichloroethane	3.629	63	134271	21.177	ug/l	99
25) 2-Butanone	4.568	43	195973	109.614	ug/l	96
26) 2,2-Dichloropropane	4.489	77	101341	21.177	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	85695	21.217	ug/l	98
28) Bromochloromethane	4.910	49	41717	15.812	ug/l	100
29) Tetrahydrofuran	5.032	42	117869	102.002	ug/l	97
30) Chloroform	5.105	83	137885	21.309	ug/l	96
31) Cyclohexane	5.483	56	124775	21.348	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	119441	21.445	ug/l	98
36) 1,1-Dichloropropene	5.702	75	95703	21.494	ug/l	99
37) Ethyl Acetate	4.727	43	98709	21.355	ug/l	96
38) Carbon Tetrachloride	5.690	117	103616	21.296	ug/l	96
39) Methylcyclohexane	7.385	83	116913	21.051	ug/l	95
40) Benzene	6.050	78	289406	21.716	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	42490	21.799	ug/l	96
42) 1,2-Dichloroethane	6.098	62	103227	21.867	ug/l	98
43) Isopropyl Acetate	6.348	43	141062	21.243	ug/l	99
44) Trichloroethene	7.135	130	73526	21.546	ug/l	94
45) 1,2-Dichloropropane	7.434	63	72118	21.601	ug/l	100
46) Dibromomethane	7.586	93	52472	21.648	ug/l	99
47) Bromodichloromethane	7.824	83	107990	21.491	ug/l	98
48) Methyl methacrylate	7.696	41	72765	21.111	ug/l	100
49) 1,4-Dioxane	7.684	88	13554m	414.079	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	416671	109.039	ug/l	100
52) Toluene	8.720	92	181368	22.024	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	93302	21.275	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105701	21.294	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	68282	21.838	ug/l	98
56) Ethyl methacrylate	9.116	69	97675	21.188	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116737	21.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	159793	78.521	ug/l	99
59) 2-Hexanone	9.433	43	293885	111.182	ug/l	100
60) Dibromochloromethane	9.519	129	80119	21.561	ug/l	98
61) 1,2-Dibromoethane	9.610	107	68961	21.388	ug/l	99
64) Tetrachloroethene	9.275	164	60329	21.257	ug/l	93
65) Chlorobenzene	10.079	112	198998	21.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	66366	21.056	ug/l	99
67) Ethyl Benzene	10.195	91	347834	21.675	ug/l	99
68) m/p-Xylenes	10.299	106	260945	43.608	ug/l	98
69) o-Xylene	10.640	106	124422	21.606	ug/l	99
70) Styrene	10.653	104	219310	22.540	ug/l	99
71) Bromoform	10.799	173	50519	21.335	ug/l #	99
73) Isopropylbenzene	10.963	105	329846	21.425	ug/l	99
74) N-amyl acetate	10.842	43	121116	20.717	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	95098	21.039	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	74083m	20.531	ug/l	
77) Bromobenzene	11.195	156	80066	21.298	ug/l	99
78) n-propylbenzene	11.305	91	395888	21.531	ug/l	99
79) 2-Chlorotoluene	11.360	91	239133	21.515	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	272501	21.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11057	19.090	ug/l	90
82) 4-Chlorotoluene	11.451	91	278705	21.272	ug/l	99
83) tert-Butylbenzene	11.713	119	271541	21.487	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	277110	21.876	ug/l	100
85) sec-Butylbenzene	11.890	105	340203	21.719	ug/l	99
86) p-Isopropyltoluene	12.006	119	280855	21.189	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150028	20.890	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	153630	20.798	ug/l	99
89) n-Butylbenzene	12.329	91	260428	21.124	ug/l	99
90) Hexachloroethane	12.536	117	45934	19.754	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	145629	21.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17698	20.246	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	91878	20.105	ug/l	100
94) Hexachlorobutadiene	13.719	225	30481	18.738	ug/l	98
95) Naphthalene	13.774	128	267664	20.495	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87275	20.261	ug/l	98

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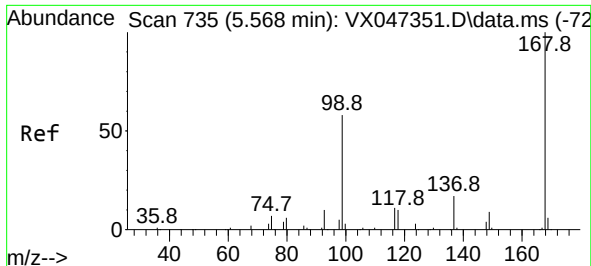
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

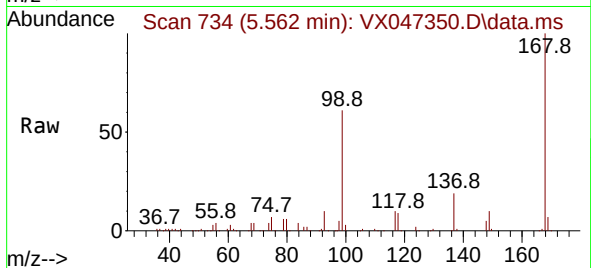
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

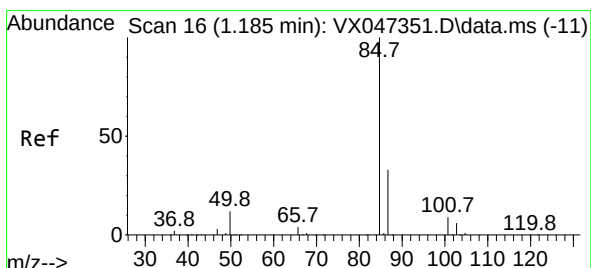
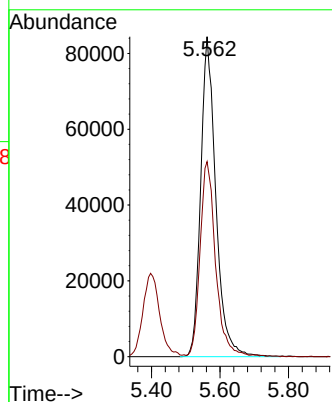
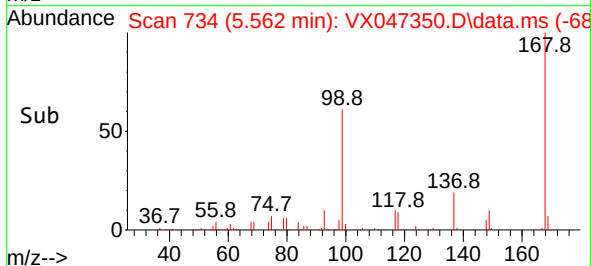
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 25949
Ion Ratio Lower Upper
168 100
99 60.9 47.9 71.9

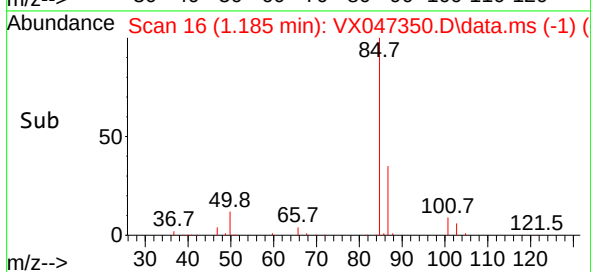
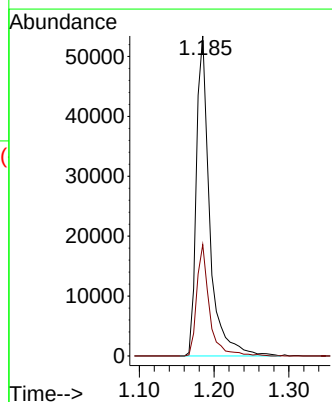
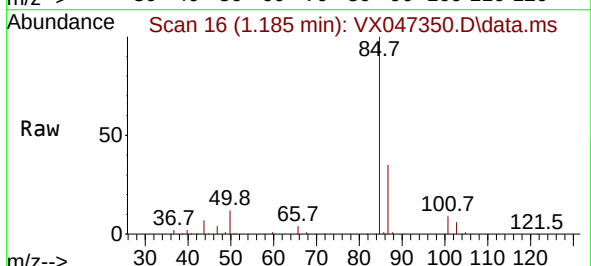
Manual Integrations
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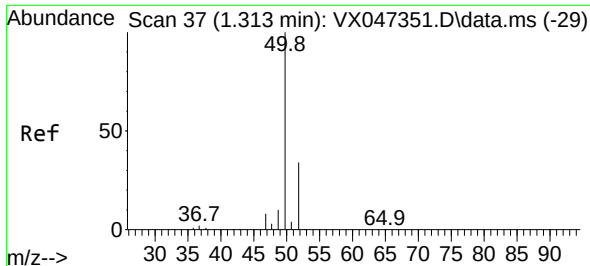
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 20.010 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 85 Resp: 66192
Ion Ratio Lower Upper
85 100
87 34.8 16.4 49.1





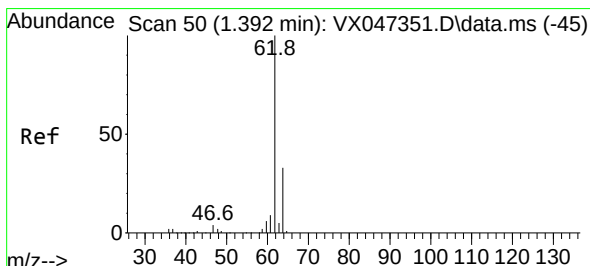
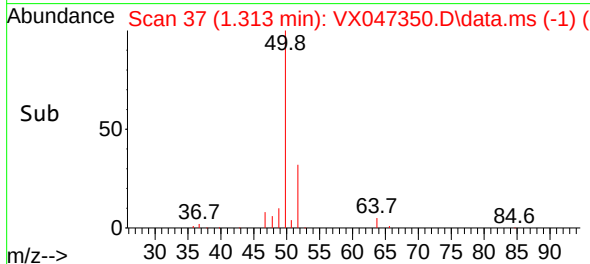
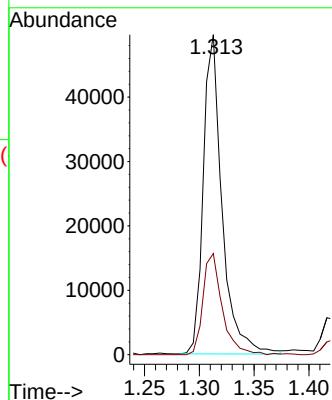
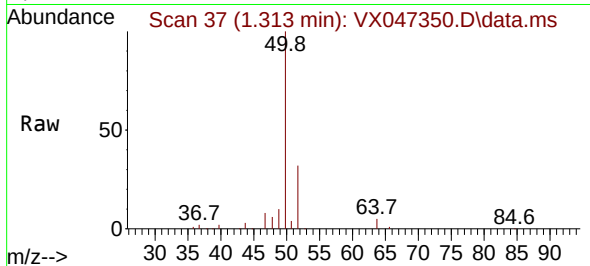
#3
Chloromethane
Concen: 19.810 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

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MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 58950
Ion Ratio Lower Upper
50 100
52 31.7 27.0 40.4

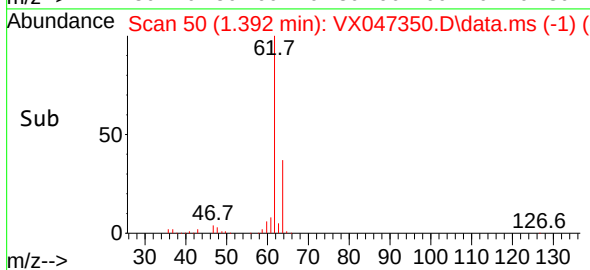
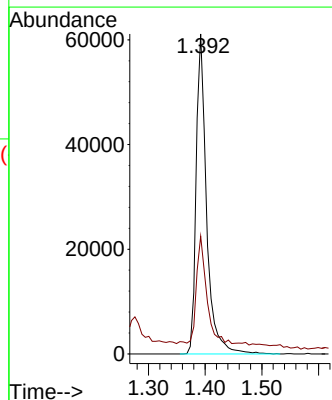
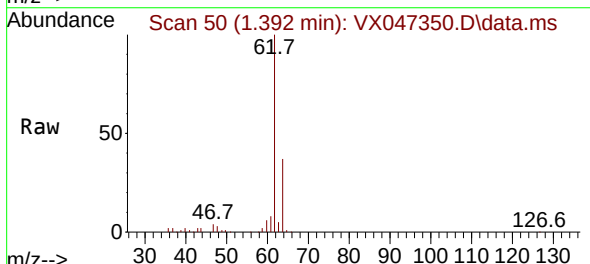
Manual Integrations
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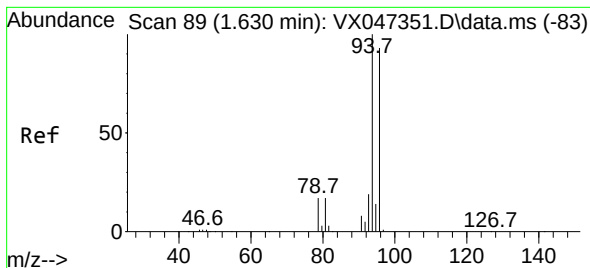
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#4
Vinyl Chloride
Concen: 20.874 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 62 Resp: 77968
Ion Ratio Lower Upper
62 100
64 33.9 26.5 39.7





#5

Bromomethane

Concen: 20.389 ug/l

RT: 1.624 min Scan# 89

Delta R.T. -0.006 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 3076

Ion Ratio Lower Upper

94 100

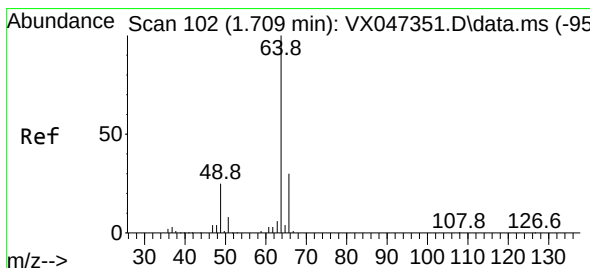
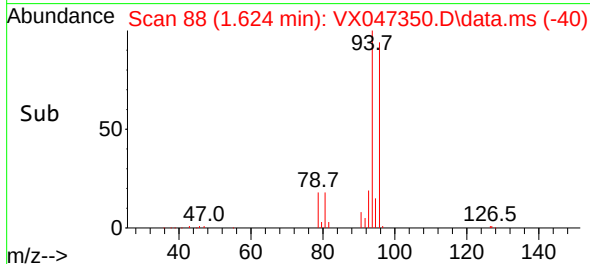
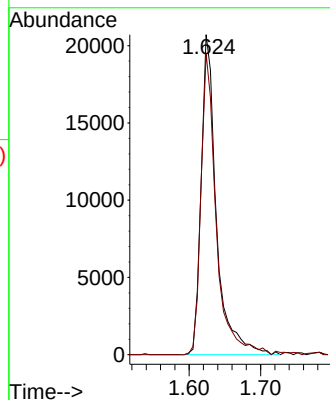
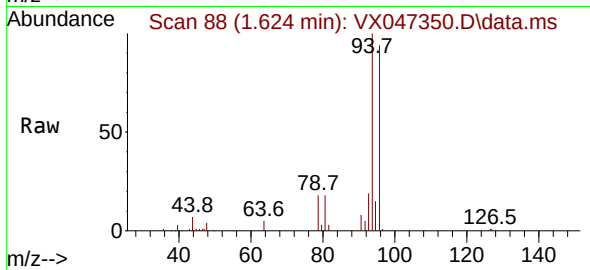
96 83.2 74.7 112.1

Manual Integrations

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Supervised By :Mahesh Dadoda 08/19/2025



#6

Chloroethane

Concen: 19.979 ug/l

RT: 1.703 min Scan# 101

Delta R.T. -0.006 min

Lab File: VX047350.D

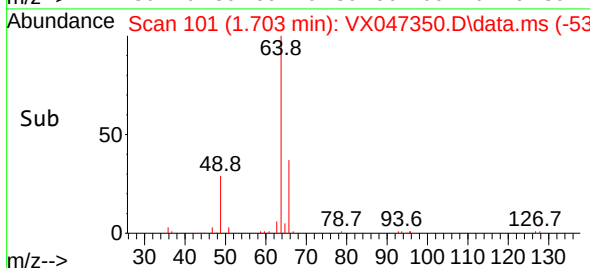
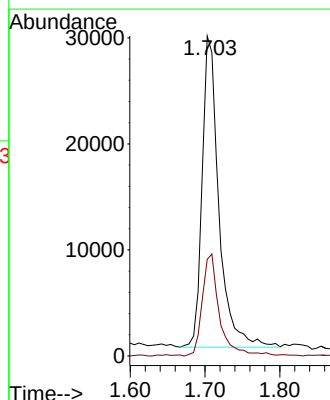
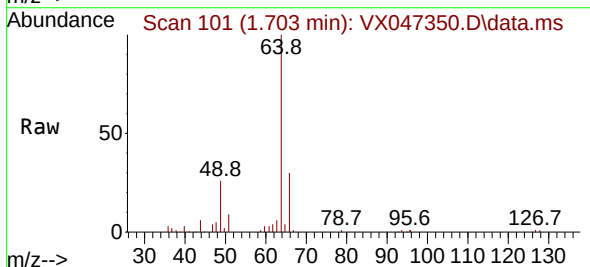
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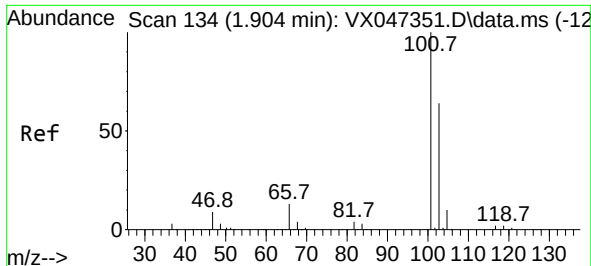
Tgt Ion: 64 Resp: 45658

Ion Ratio Lower Upper

64 100

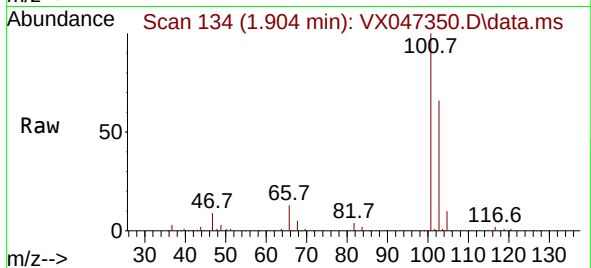
66 30.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 21.062 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047350.D
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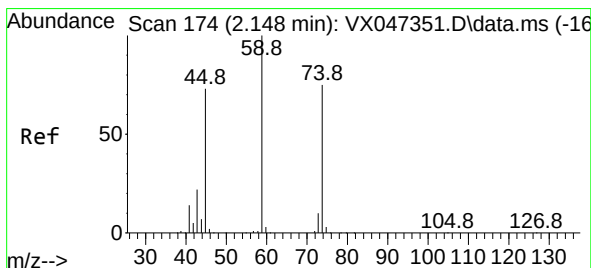
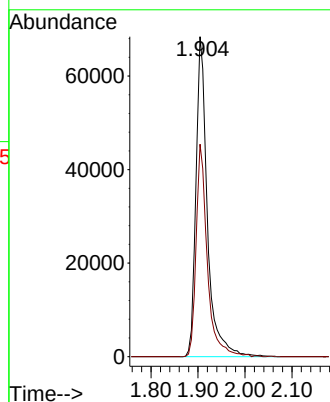
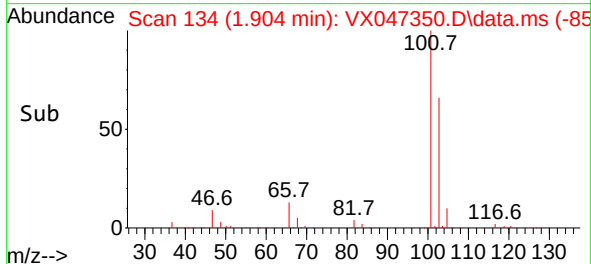
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 11636
Ion Ratio Lower Upper
101 100
103 66.4 50.9 76.3

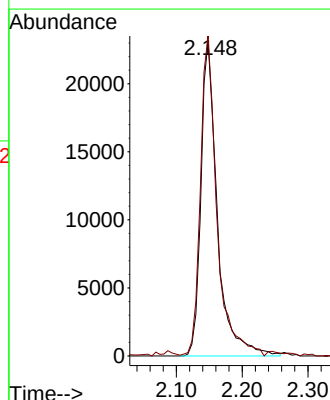
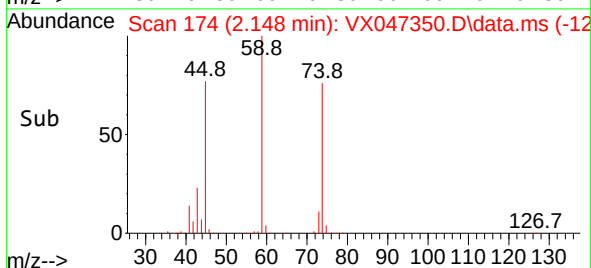
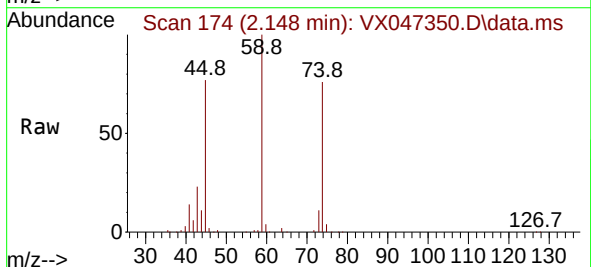
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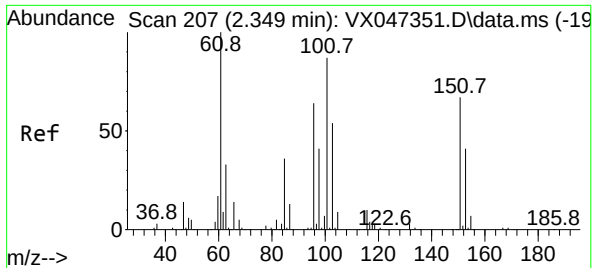
Reviewed By :John Carlone 08/18/2025
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#8
Diethyl Ether
Concen: 20.629 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 74 Resp: 40131
Ion Ratio Lower Upper
74 100
45 102.2 51.3 154.0





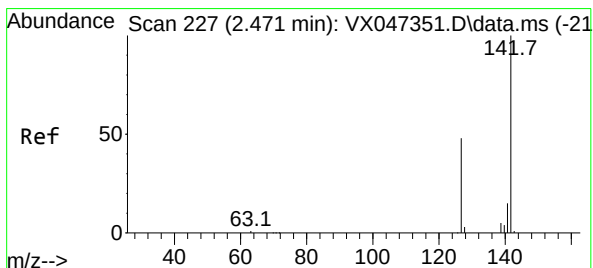
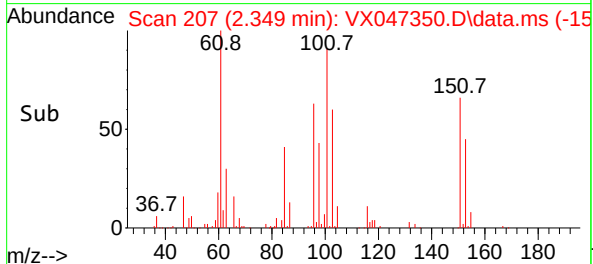
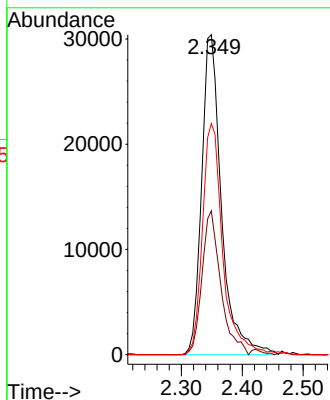
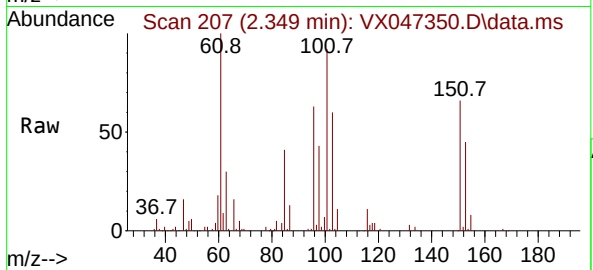
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.495 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 6888
Ion Ratio Lower Upper
101 100
85 42.6 34.3 51.5
151 74.0 59.2 88.8

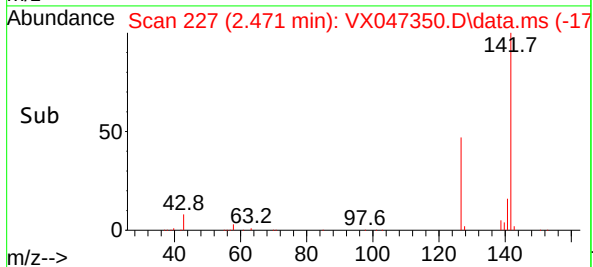
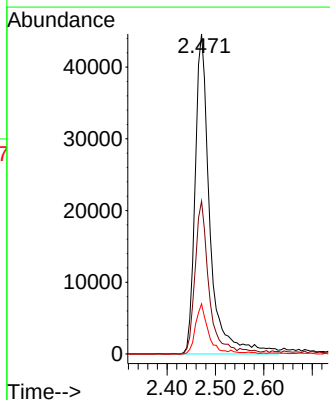
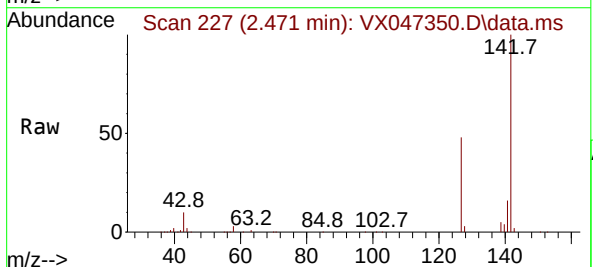
Manual Integrations
APPROVED

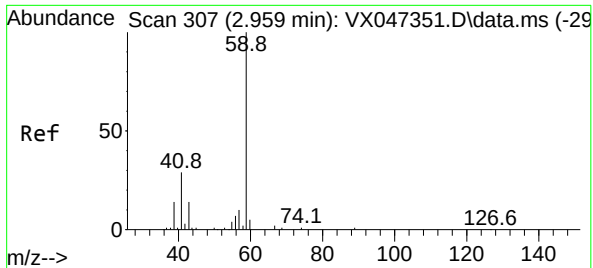
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 17.244 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:142 Resp: 94708
Ion Ratio Lower Upper
142 100
127 44.2 36.1 54.1
141 13.3 11.1 16.7





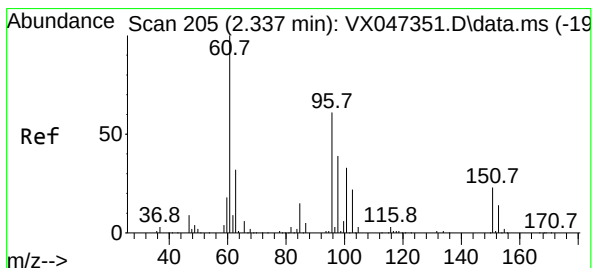
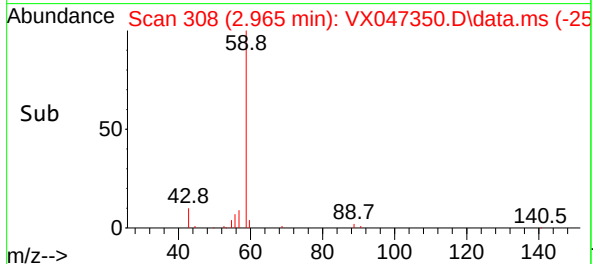
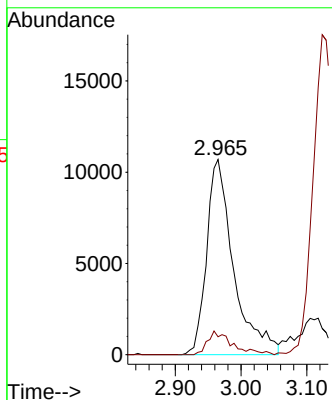
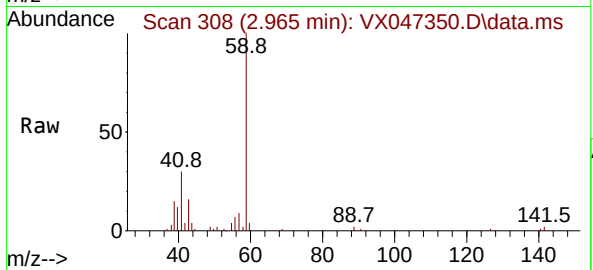
#11
Tert butyl alcohol
Concen: 96.445 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 3047
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

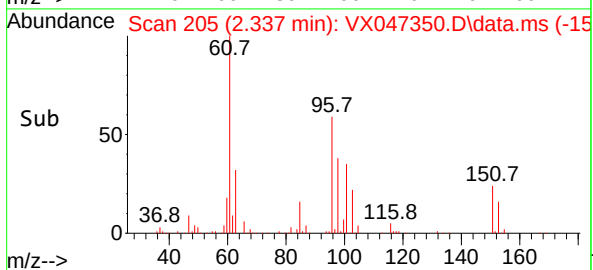
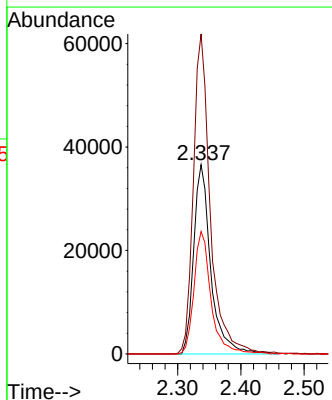
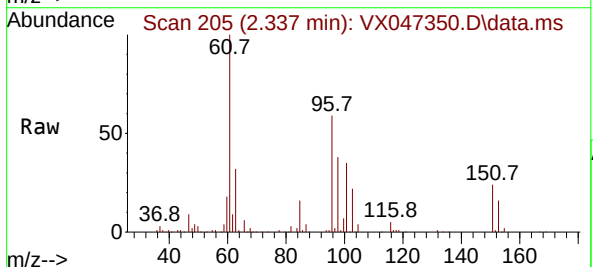
Manual Integrations
APPROVED

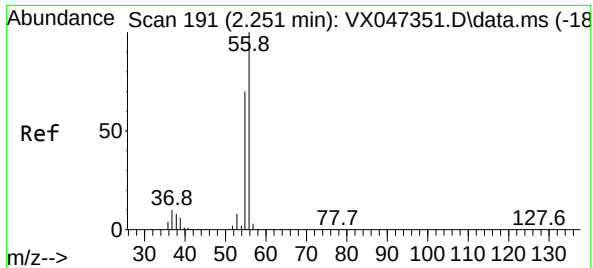
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 21.110 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

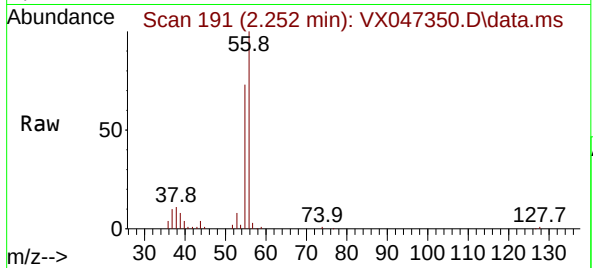
Tgt Ion: 96 Resp: 68973
Ion Ratio Lower Upper
96 100
61 168.6 132.2 198.2
98 64.7 51.2 76.8





#13
Acrolein
Concen: 94.809 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

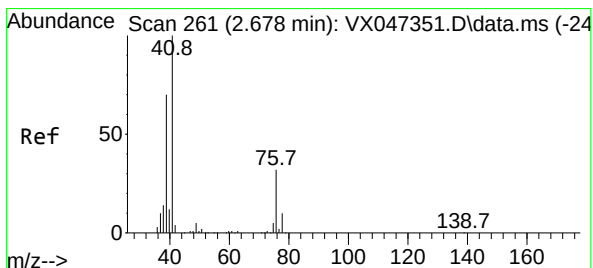
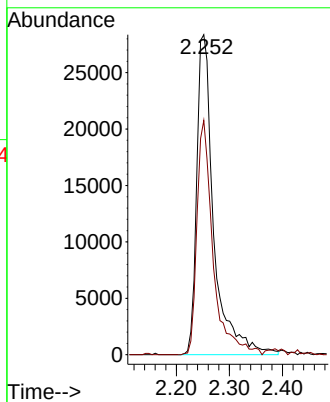
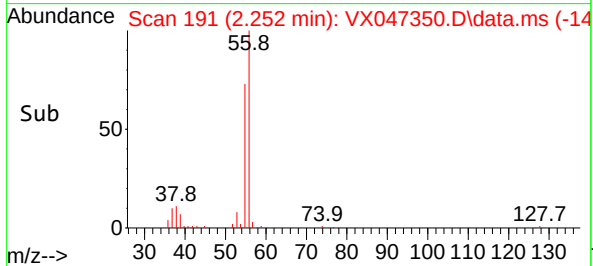
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 6323
Ion Ratio Lower Upper
56 100
55 69.1 55.5 83.3

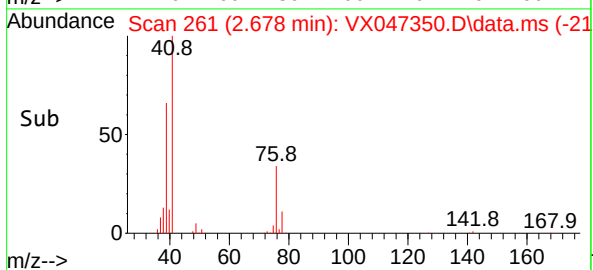
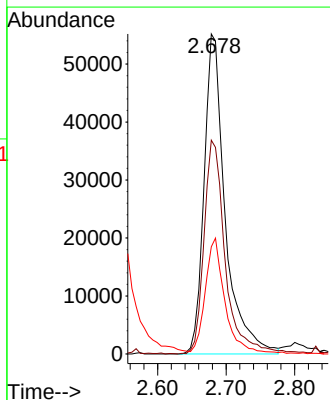
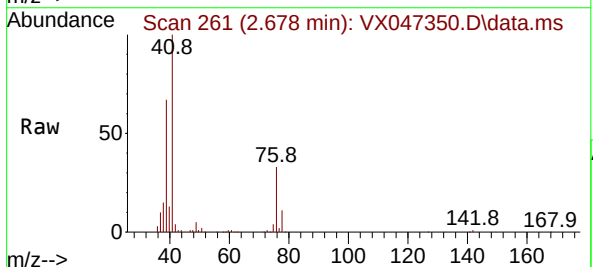
Manual Integrations
APPROVED

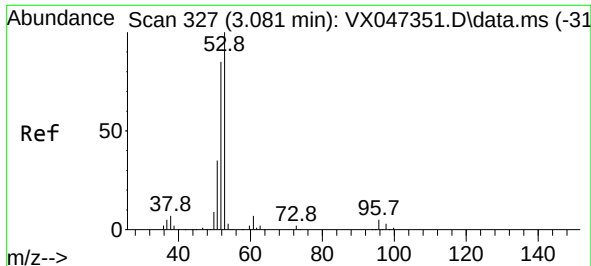
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 20.902 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

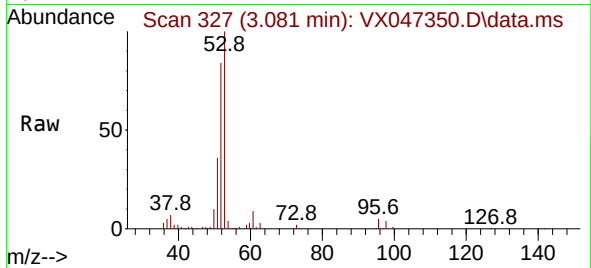
Tgt Ion: 41 Resp: 118613
Ion Ratio Lower Upper
41 100
39 67.2 54.6 81.8
76 33.4 27.6 41.4





#15
Acrylonitrile
Concen: 106.830 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

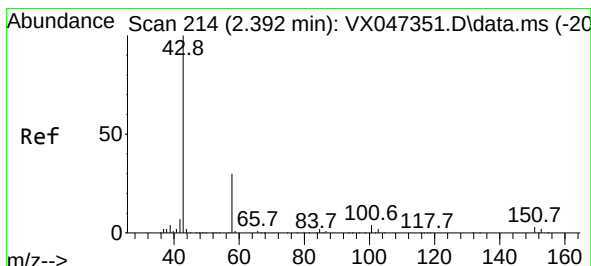
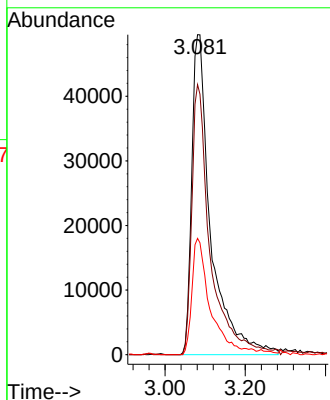
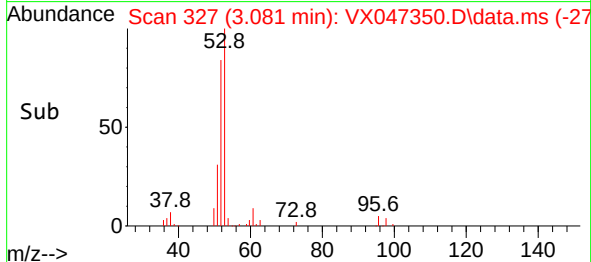
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



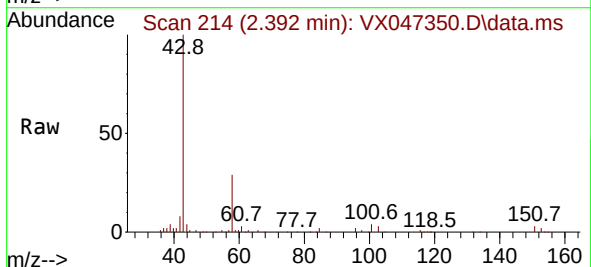
Tgt Ion: 53 Resp: 16309
Ion Ratio Lower Upper
53 100
52 81.2 65.8 98.6
51 35.4 28.2 42.2

Manual Integrations
APPROVED

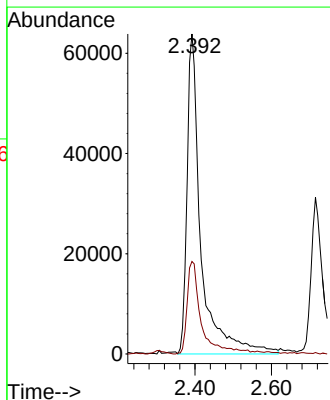
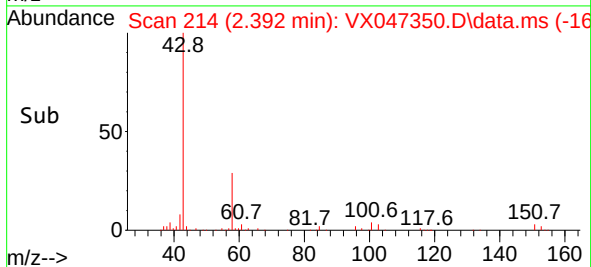
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

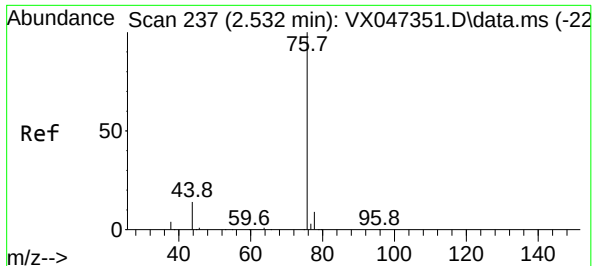


#16
Acetone
Concen: 117.954 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



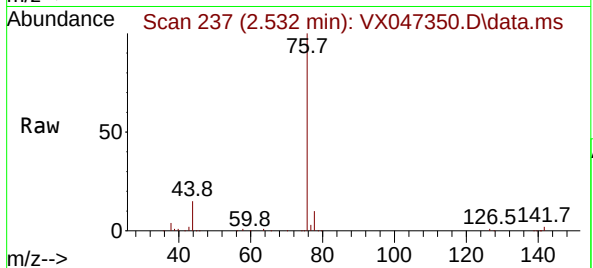
Tgt Ion: 43 Resp: 161019
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2





#17
Carbon Disulfide
Concen: 20.167 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

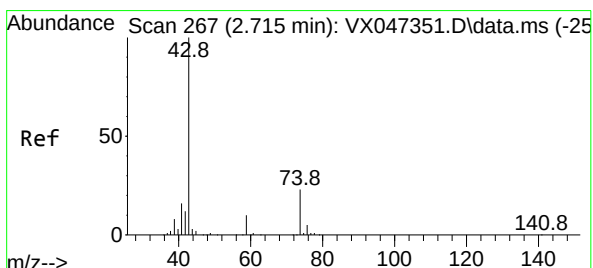
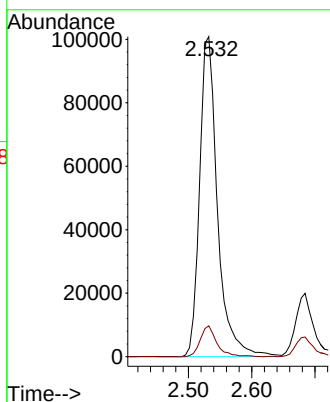
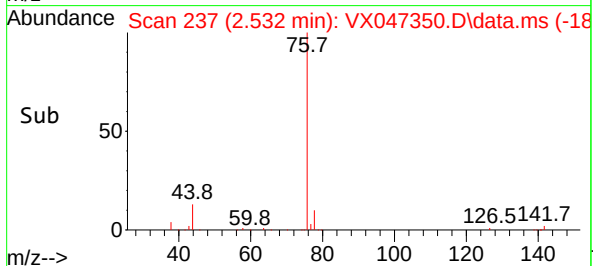
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 198834
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

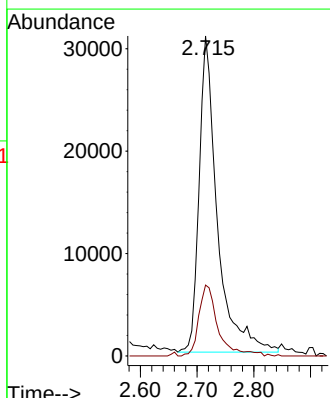
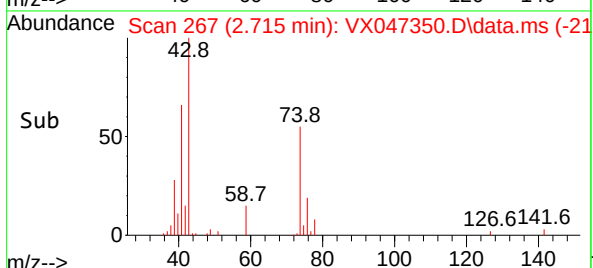
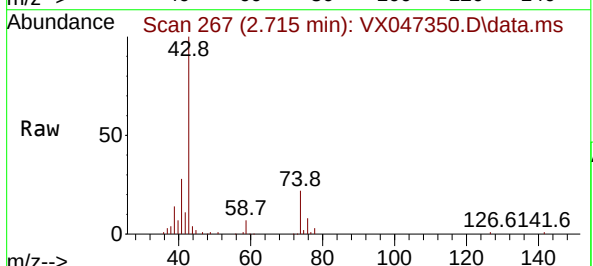
Manual Integrations
APPROVED

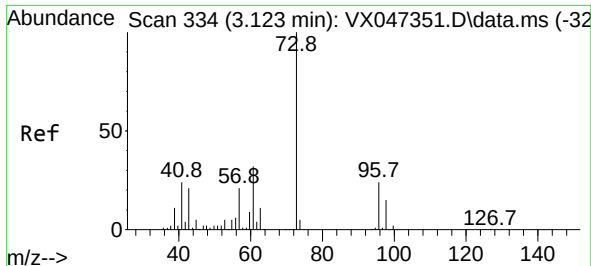
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 19.410 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 68662
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6





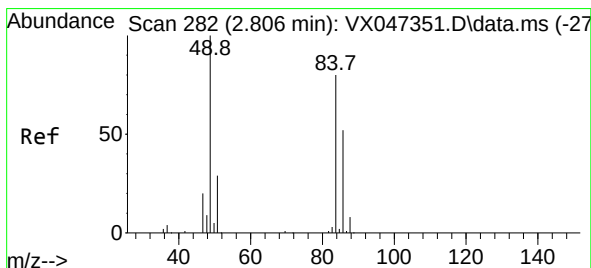
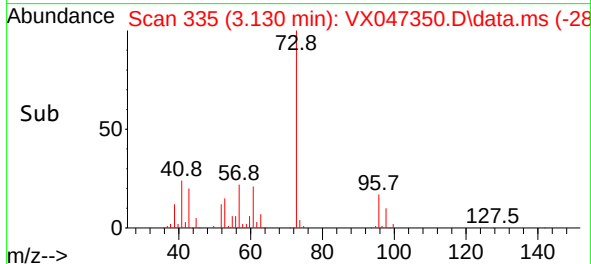
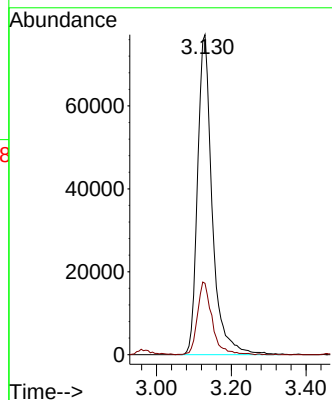
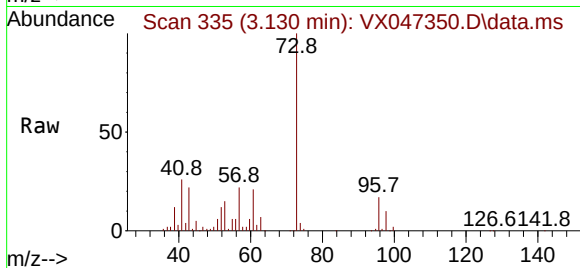
#19
Methyl tert-butyl Ether
Concen: 21.080 ug/l
RT: 3.130 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 20952
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6

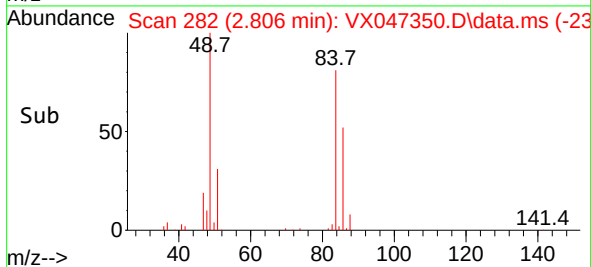
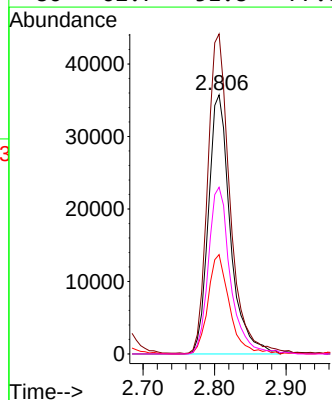
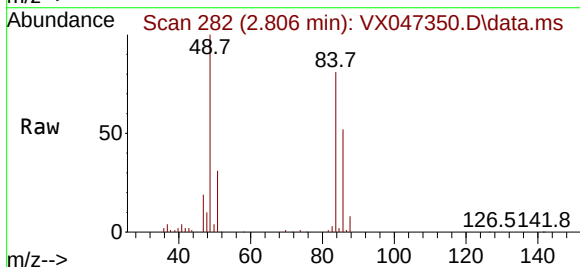
Manual Integrations
APPROVED

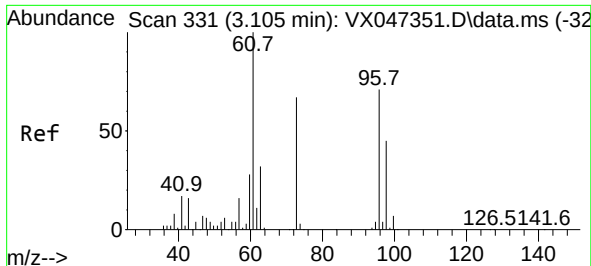
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 21.033 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 84 Resp: 76029
Ion Ratio Lower Upper
84 100
49 120.0 100.1 150.1
51 37.4 29.5 44.3
86 62.7 51.8 77.8





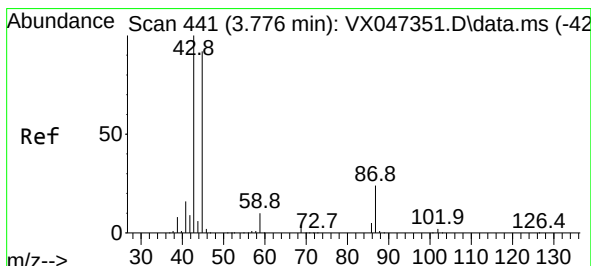
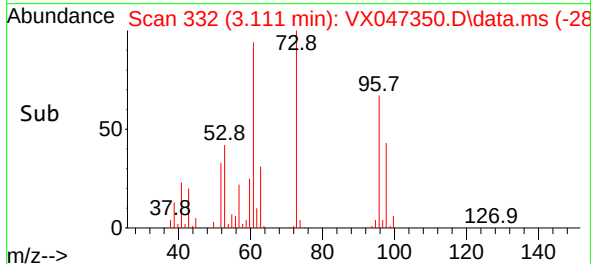
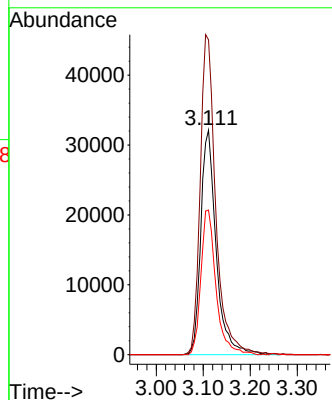
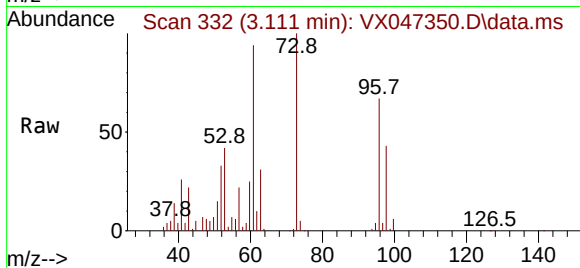
#21
trans-1,2-Dichloroethene
Concen: 21.110 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 7320
Ion Ratio Lower Upper
96 100
61 140.3 112.6 169.0
98 64.4 50.9 76.3

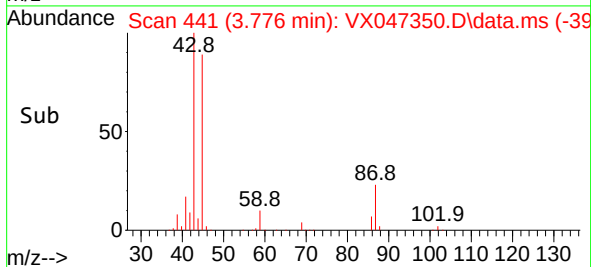
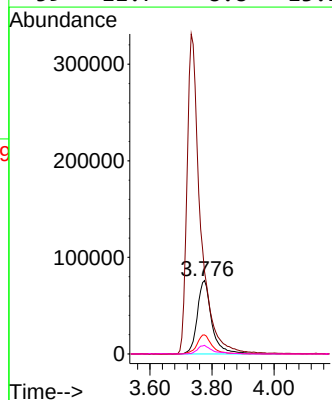
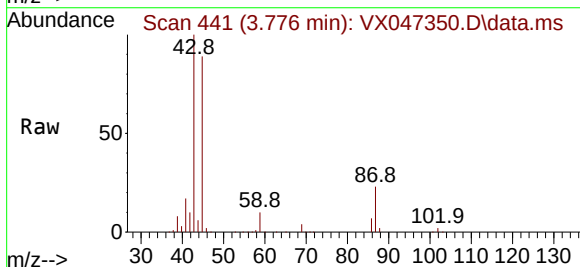
Manual Integrations
APPROVED

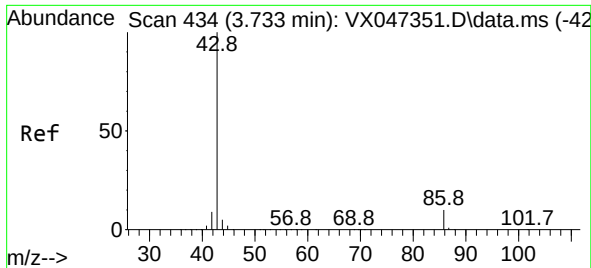
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 21.949 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

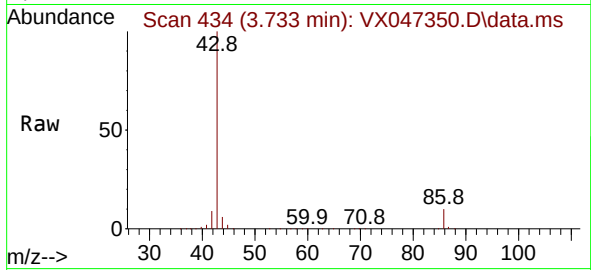
Tgt Ion: 45 Resp: 246210
Ion Ratio Lower Upper
45 100
43 111.5 86.8 130.2
87 26.0 20.4 30.6
59 11.7 8.8 13.2





#23
 Vinyl Acetate
 Concen: 108.348 ug/l
 RT: 3.733 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01

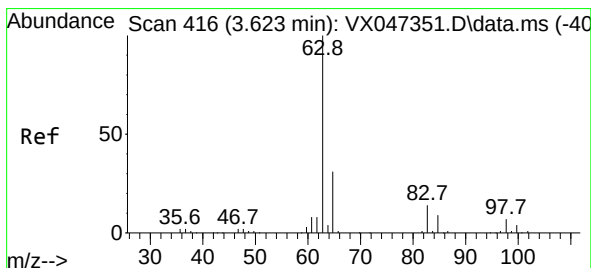
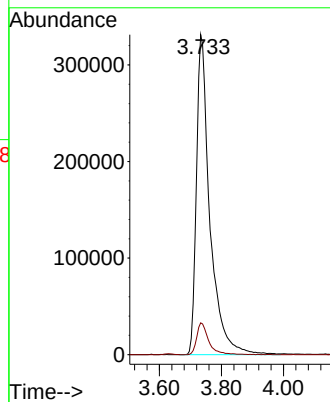
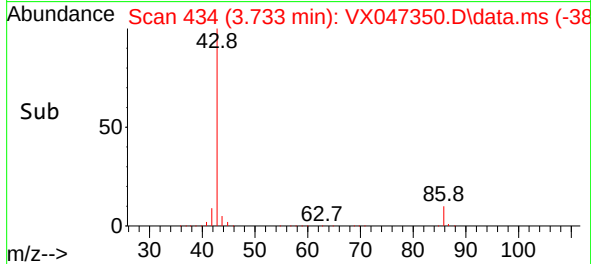
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



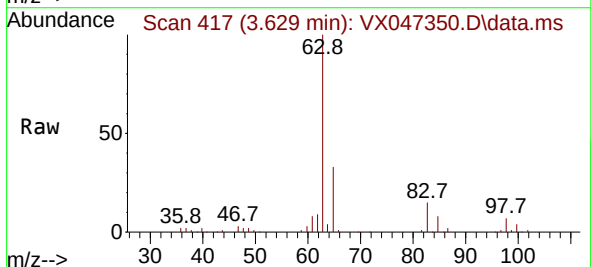
Tgt Ion: 43 Resp: 996178
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.9 11.9

Manual Integrations
 APPROVED

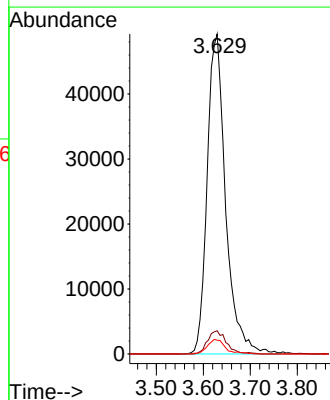
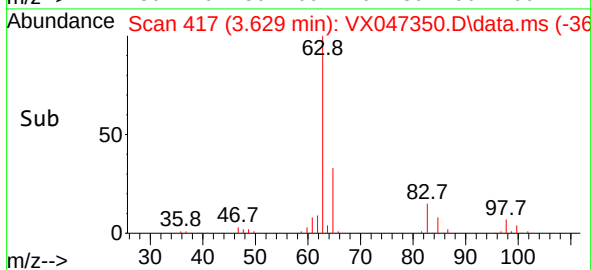
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

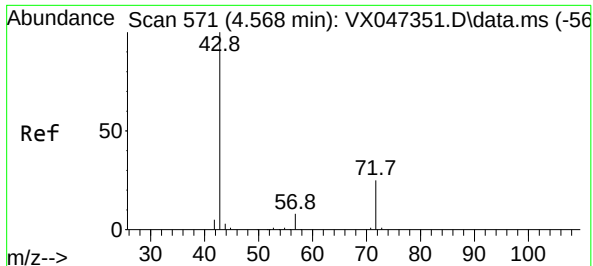


#24
 1,1-Dichloroethane
 Concen: 21.177 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01



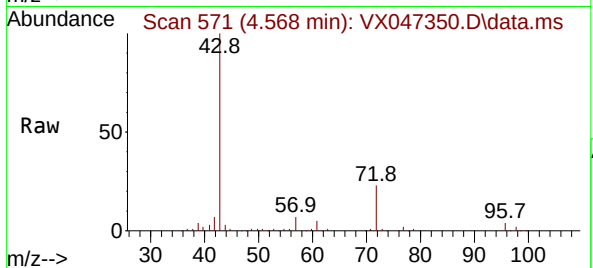
Tgt Ion: 63 Resp: 134271
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.5 2.1 6.3





#25
2-Butanone
Concen: 109.614 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

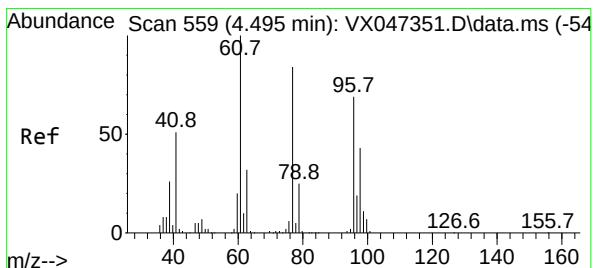
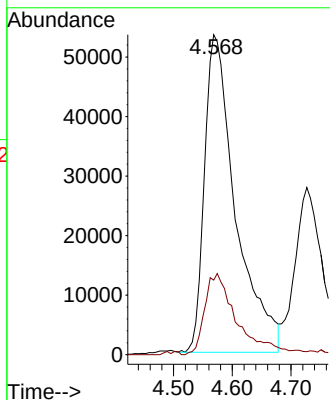
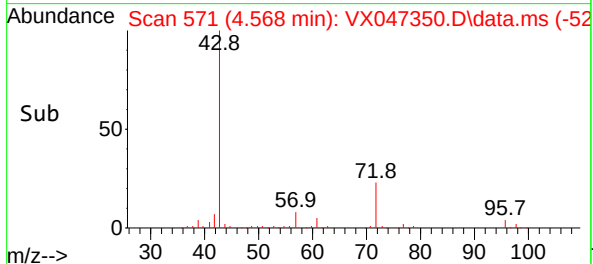
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 19597
Ion Ratio Lower Upper
43 100
72 22.7 19.8 29.8

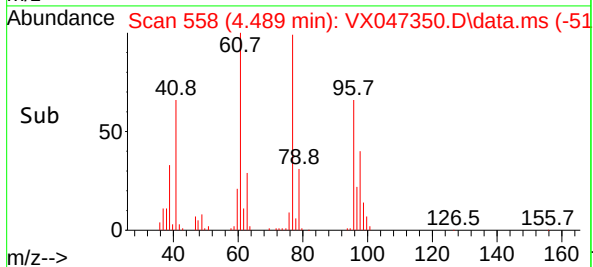
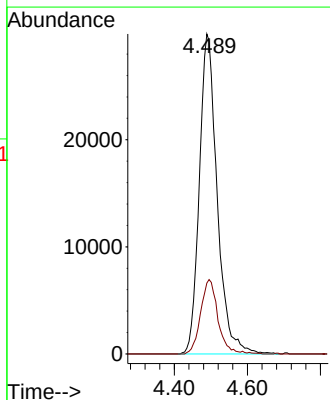
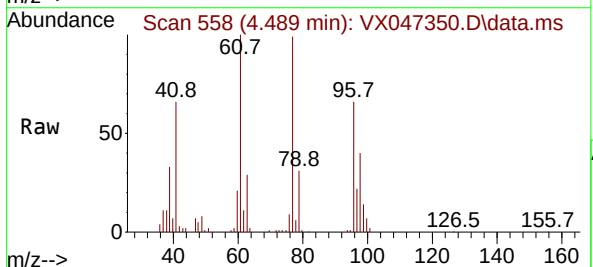
Manual Integrations
APPROVED

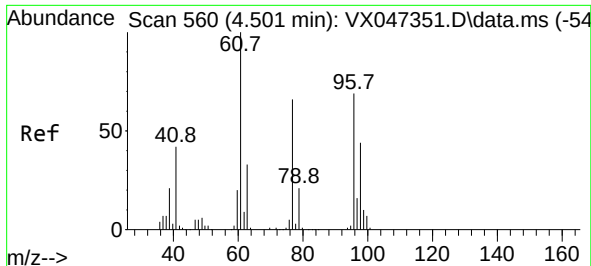
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 21.177 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 77 Resp: 101341
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.217 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 8569

Ion Ratio Lower Upper

96 100

61 145.8 0.0 296.6

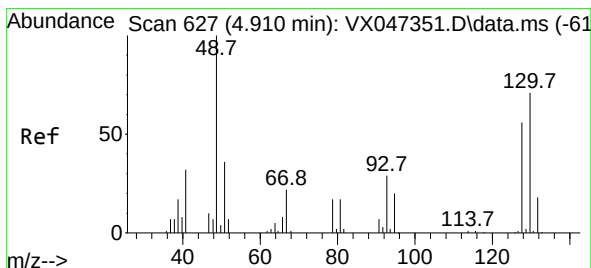
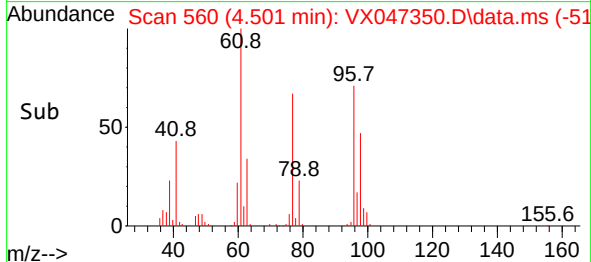
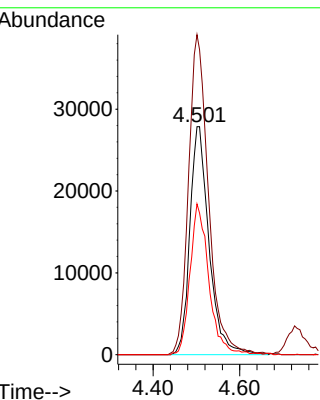
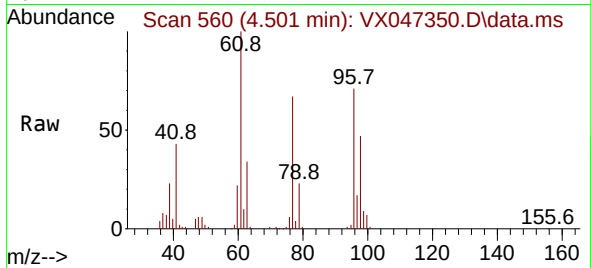
98 64.8 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 15.812 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

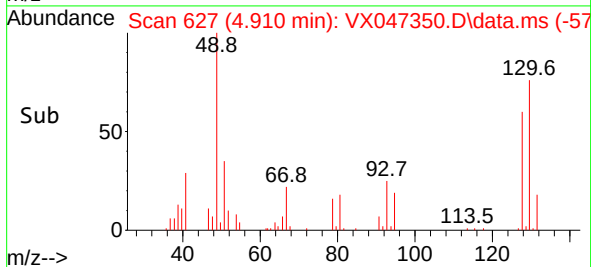
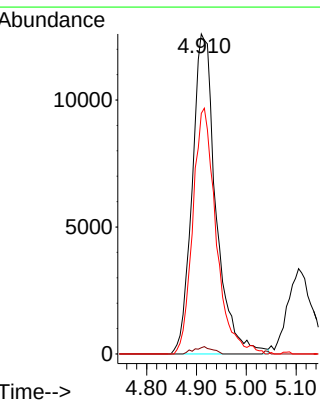
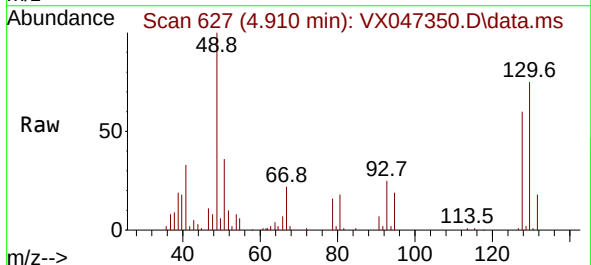
Tgt Ion: 49 Resp: 41717

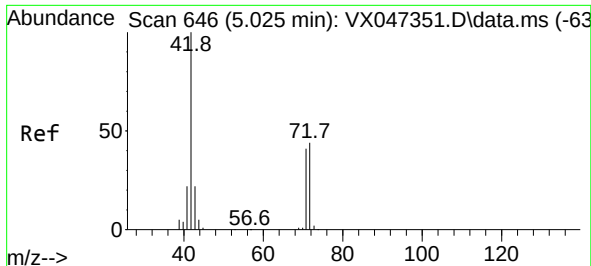
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 74.3 59.8 89.6





#29

Tetrahydrofuran

Concen: 102.002 ug/l

RT: 5.032 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 117869

Ion Ratio Lower Upper

42 100

72 40.0 34.6 51.8

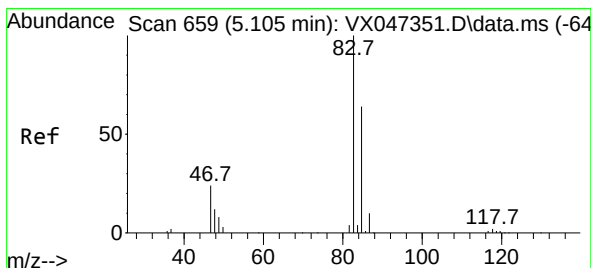
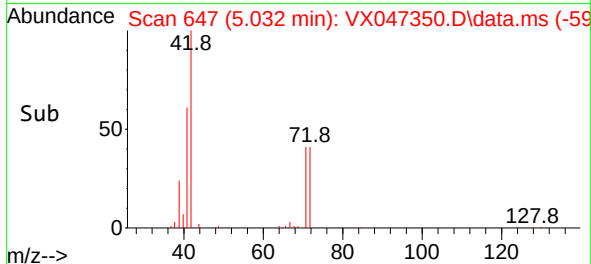
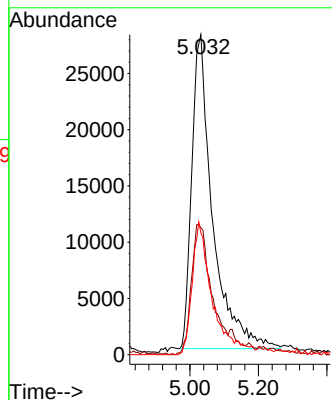
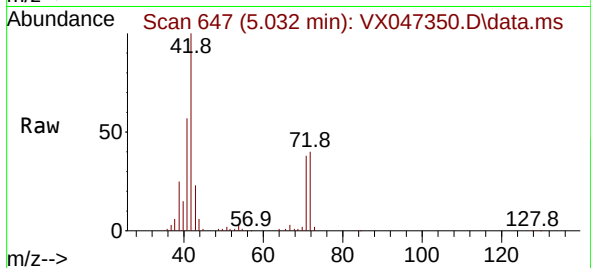
71 40.9 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 21.309 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047350.D

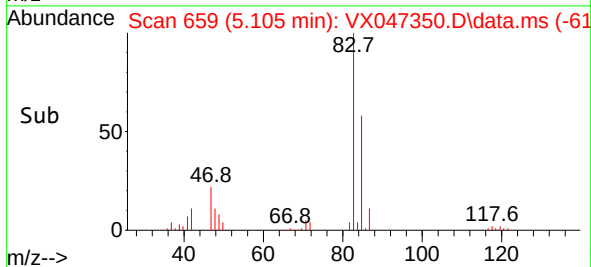
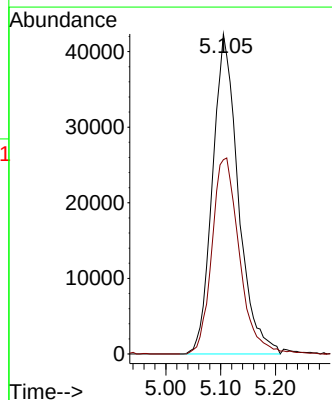
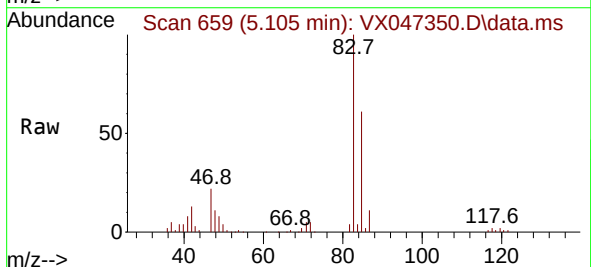
Acq: 15 Aug 2025 10:01

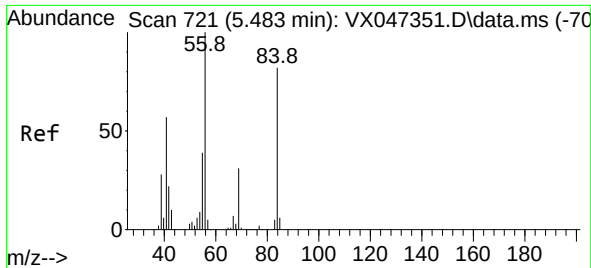
Tgt Ion: 83 Resp: 137885

Ion Ratio Lower Upper

83 100

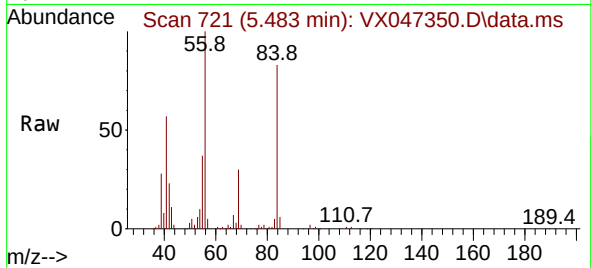
85 60.7 51.2 76.8





#31
Cyclohexane
Concen: 21.348 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

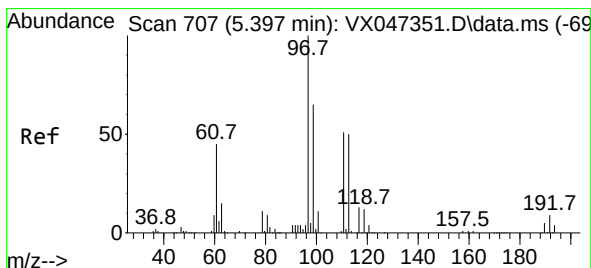
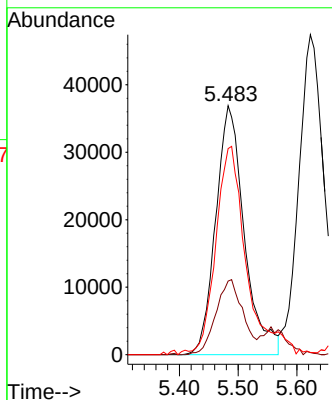
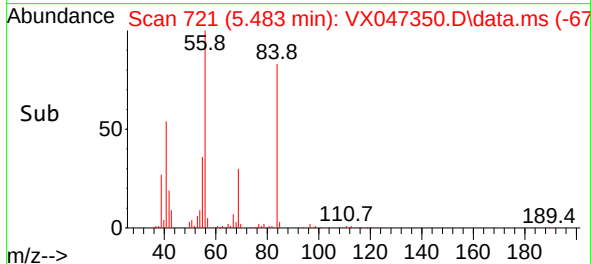
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



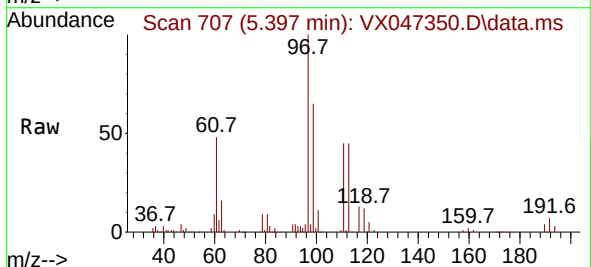
Tgt Ion: 56 Resp: 124775
Ion Ratio Lower Upper
56 100
69 28.8 24.3 36.5
84 82.8 65.3 97.9

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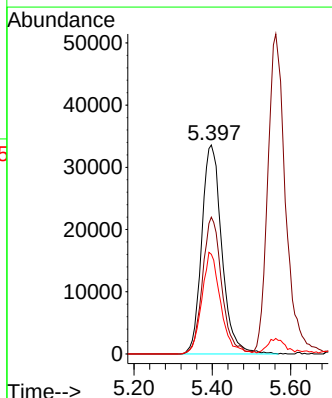
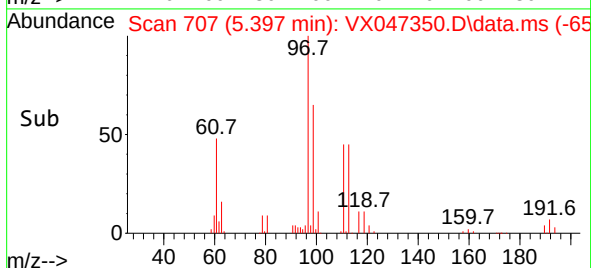
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

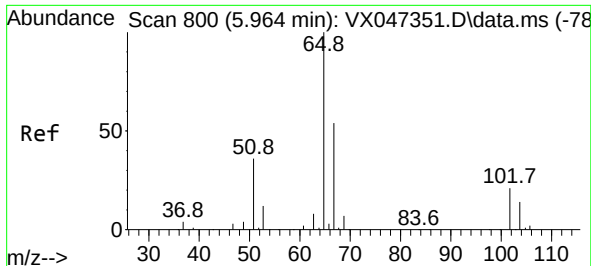


#32
1,1,1-Trichloroethane
Concen: 21.445 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



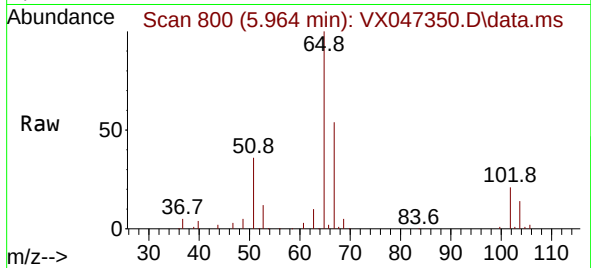
Tgt Ion: 97 Resp: 119441
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 46.0 35.7 53.5





#33
 1,2-Dichloroethane-d4
 Concen: 16.601 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01

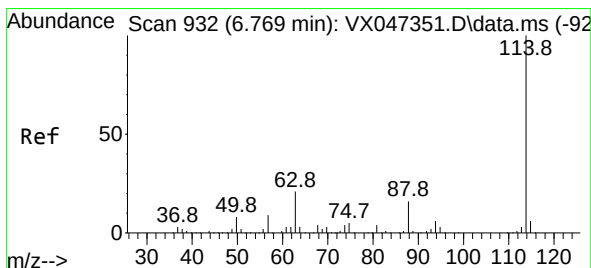
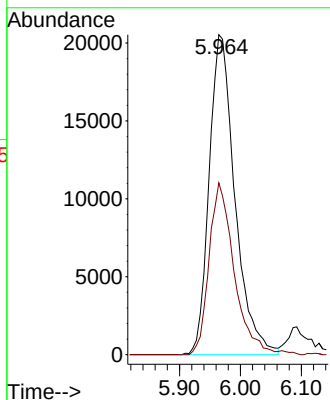
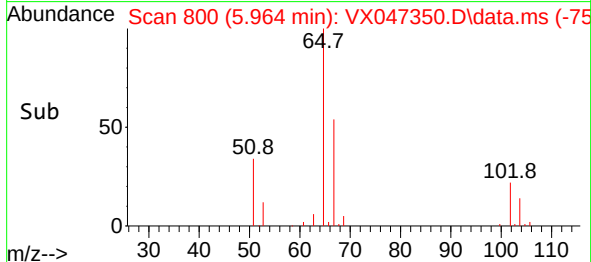
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



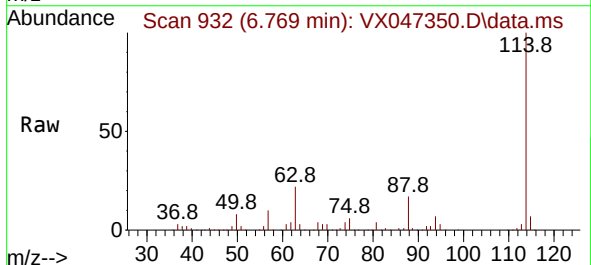
Tgt Ion: 65 Resp: 60290
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.0

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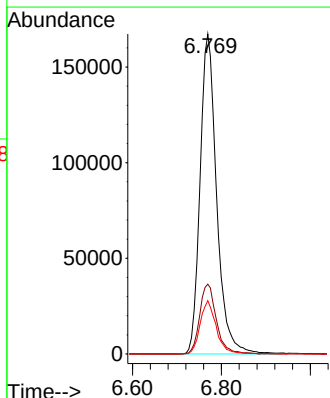
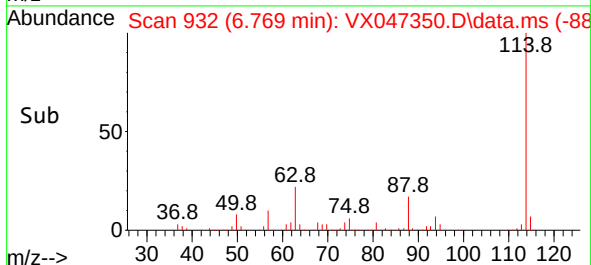
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

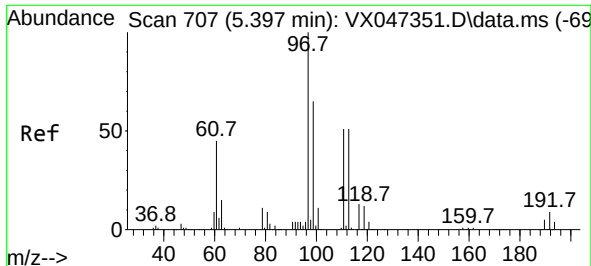


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01



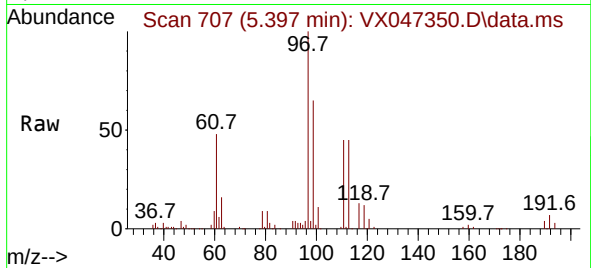
Tgt Ion:114 Resp: 434596
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.4
 88 16.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 17.153 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

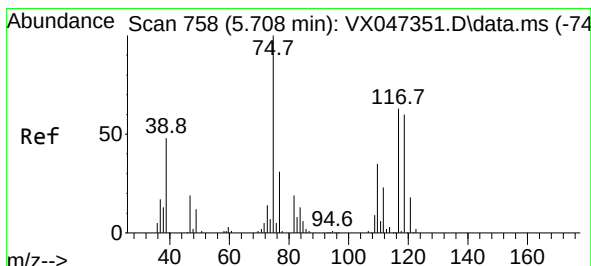
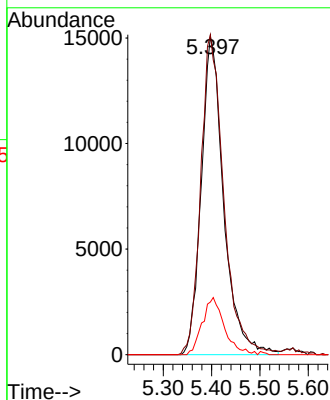
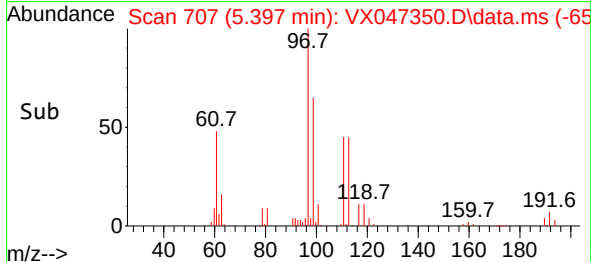
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:113 Resp: 4838
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 17.7 14.1 21.1

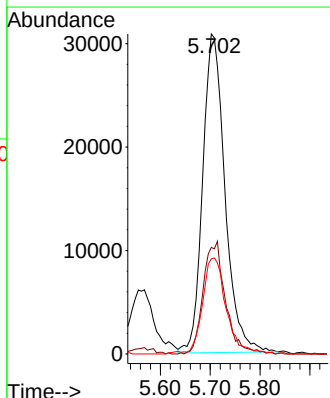
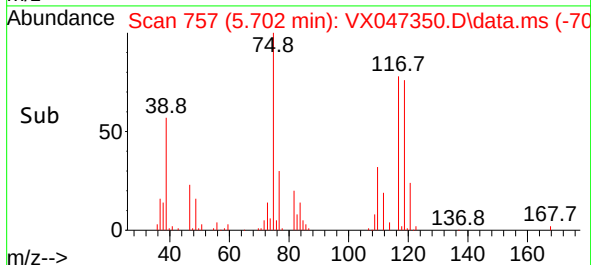
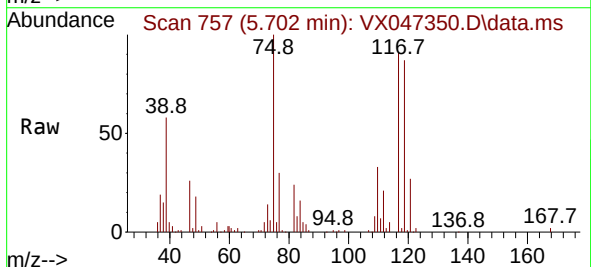
Manual Integrations
APPROVED

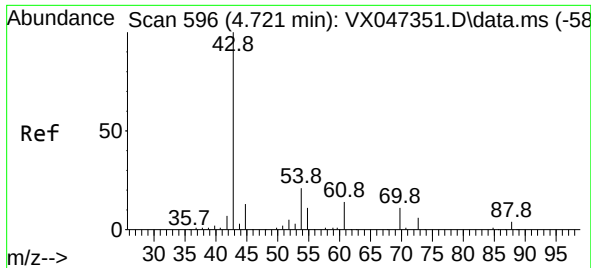
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 21.494 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 75 Resp: 95703
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.2
77 31.3 24.4 36.6





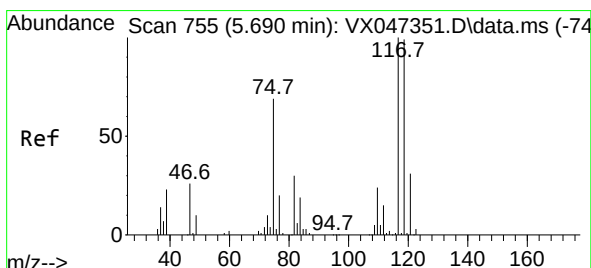
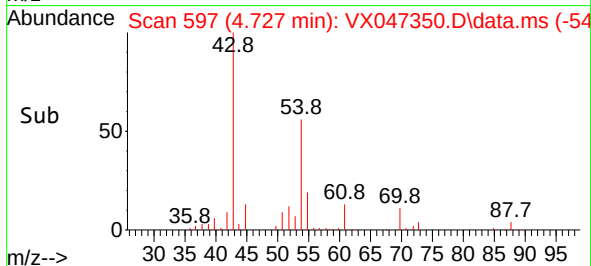
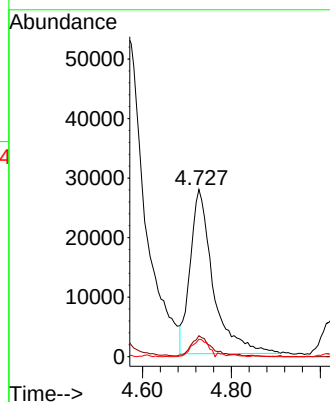
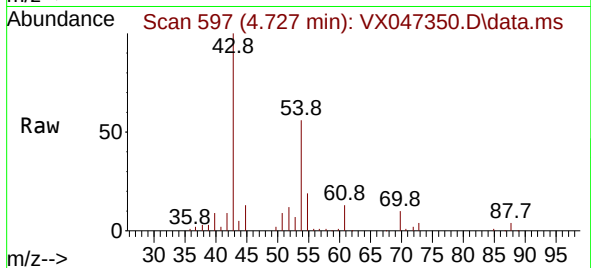
#37
Ethyl Acetate
Concen: 21.355 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 98709
Ion Ratio Lower Upper
43 100
61 10.0 9.4 14.2
70 7.7 7.0 10.6

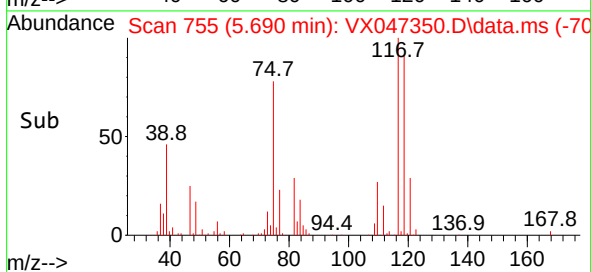
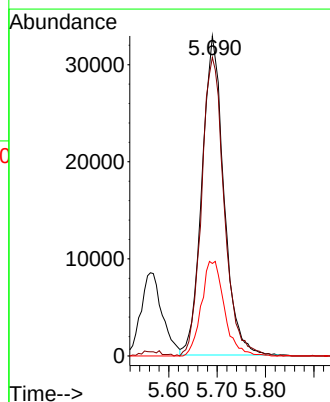
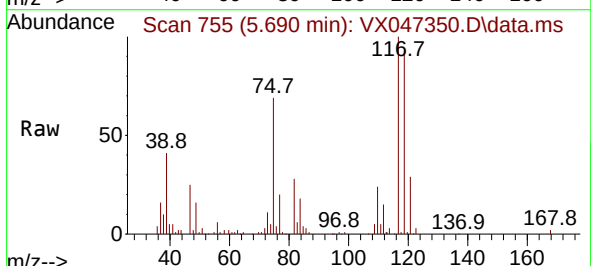
Manual Integrations
APPROVED

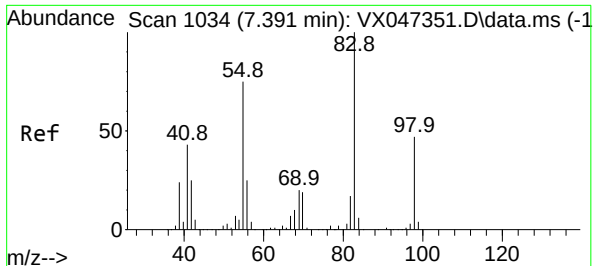
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 21.296 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:117 Resp: 103616
Ion Ratio Lower Upper
117 100
119 93.6 78.5 117.7
121 29.0 24.7 37.1





#39

Methylcyclohexane

Concen: 21.051 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 11691

Ion Ratio Lower Upper

83 100

55 80.4 60.0 90.0

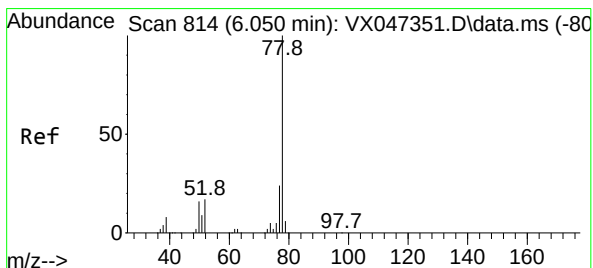
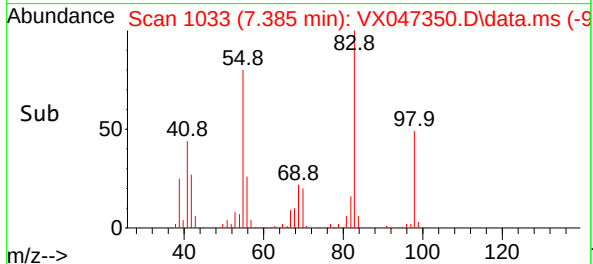
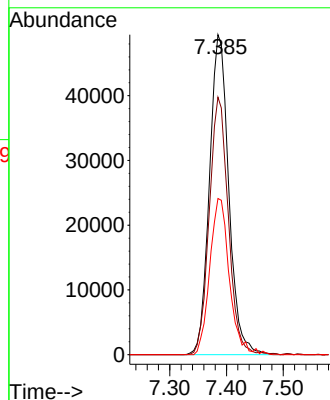
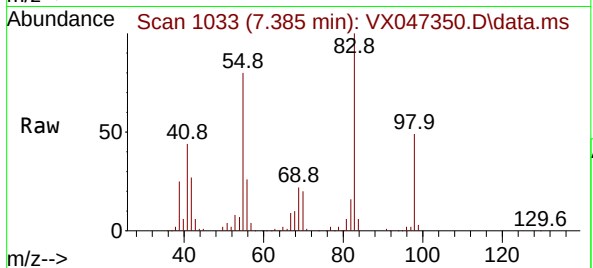
98 48.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 21.716 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047350.D

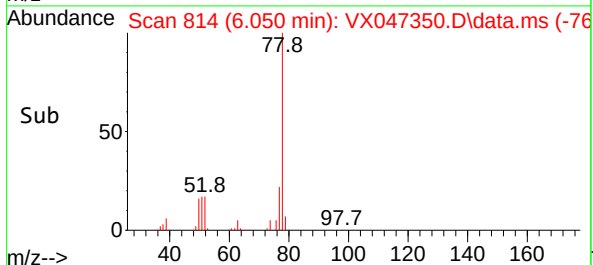
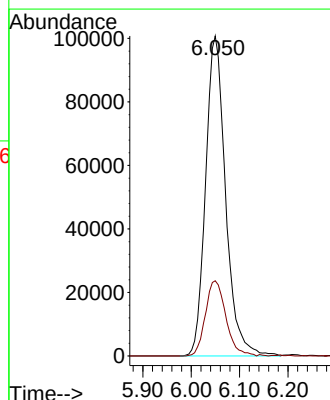
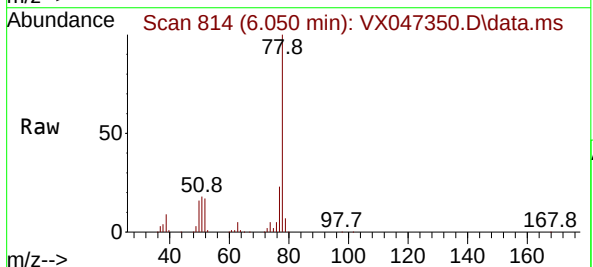
Acq: 15 Aug 2025 10:01

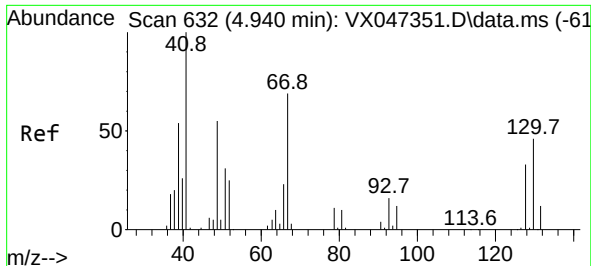
Tgt Ion: 78 Resp: 289406

Ion Ratio Lower Upper

78 100

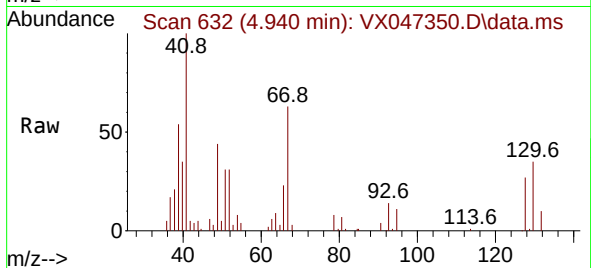
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 21.799 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

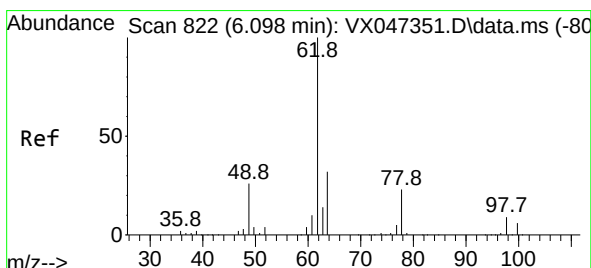
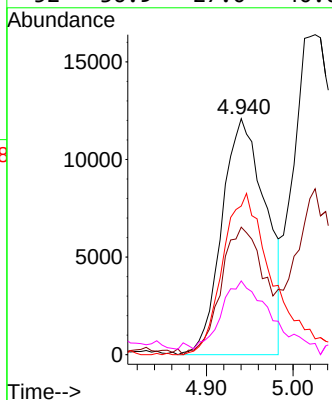
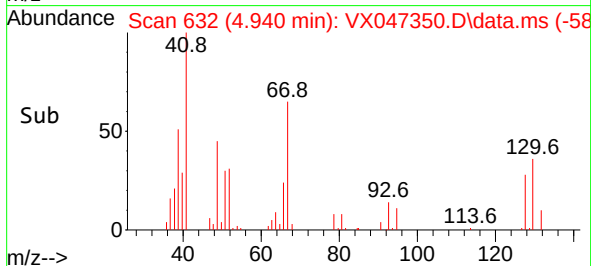
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:	41	Resp:	42490
Ion	Ratio	Lower	Upper
41	100		
39	51.9	45.4	68.2
67	78.9	64.0	96.0
52	36.9	27.0	40.6

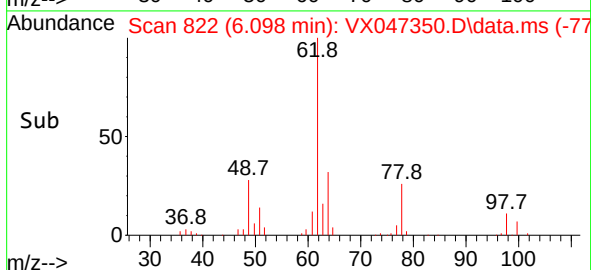
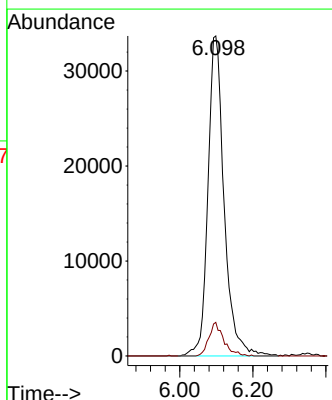
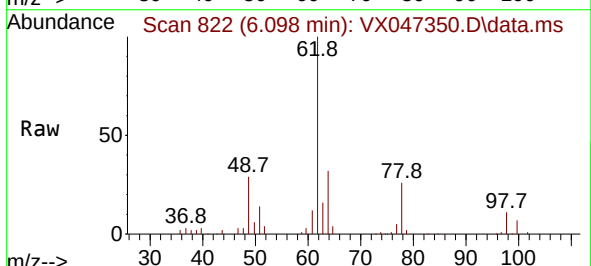
Manual Integrations
APPROVED

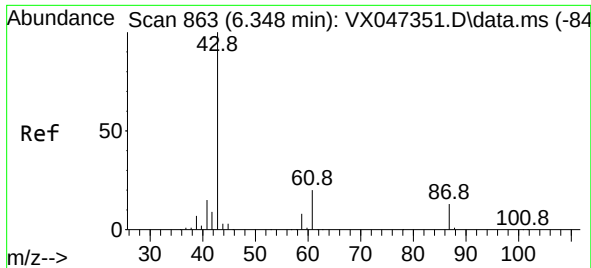
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 21.867 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:	62	Resp:	103227
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0





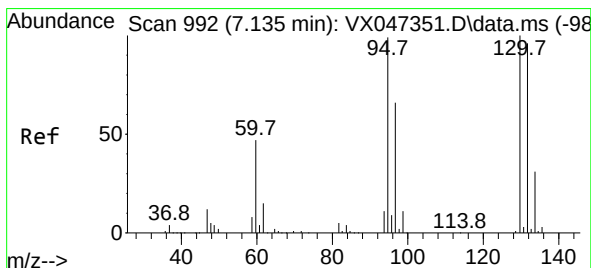
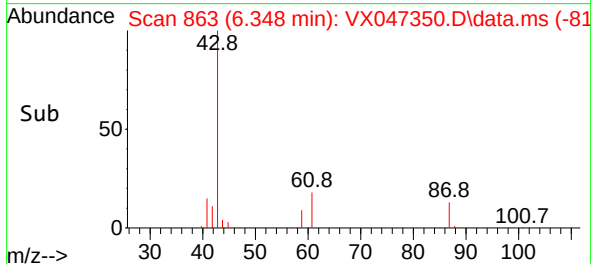
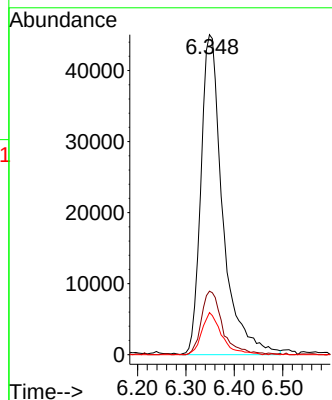
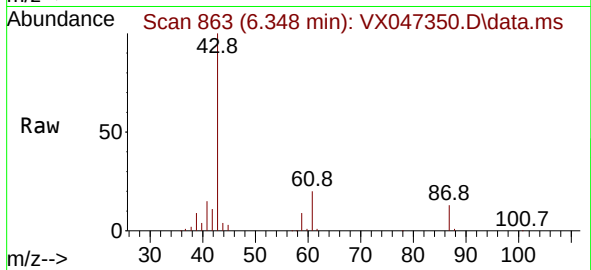
#43
Isopropyl Acetate
Concen: 21.243 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 141062
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.0 10.2 15.4

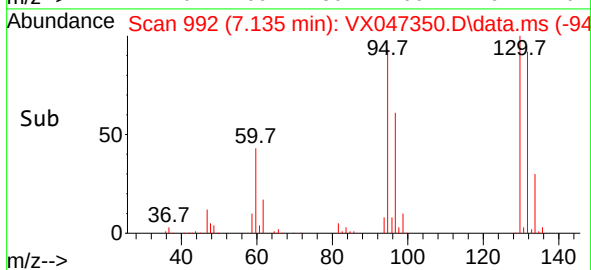
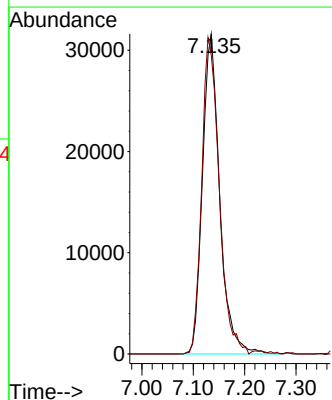
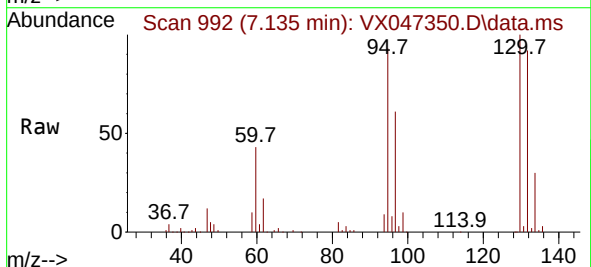
Manual Integrations
APPROVED

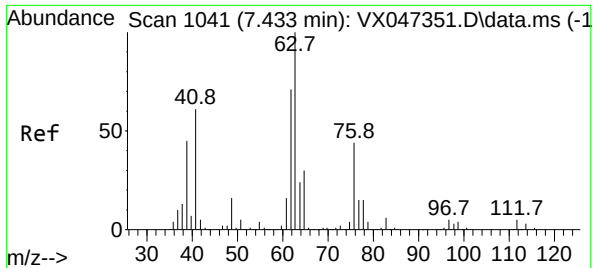
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 21.546 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:130 Resp: 73526
Ion Ratio Lower Upper
130 100
95 93.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 21.601 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 72118

Ion Ratio Lower Upper

63 100

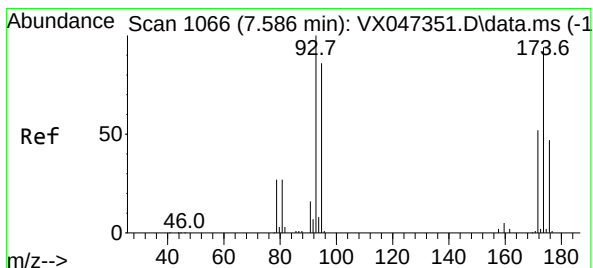
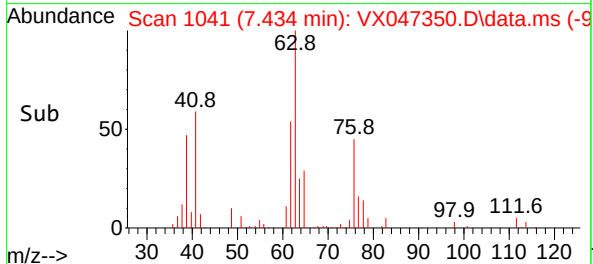
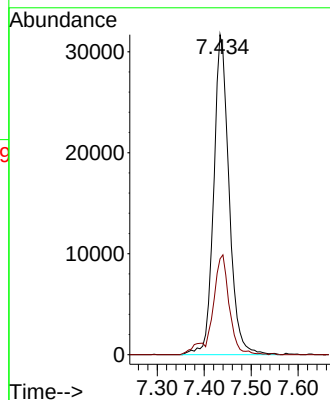
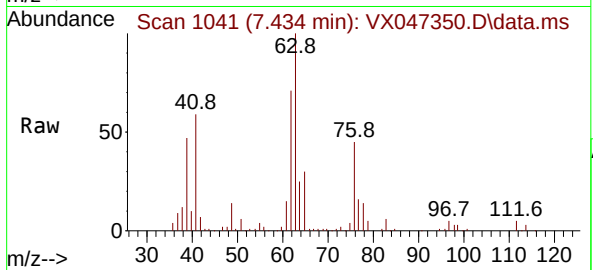
65 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 21.648 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

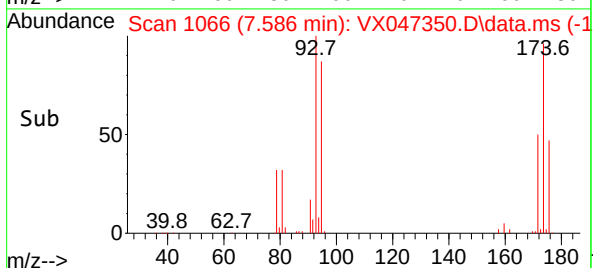
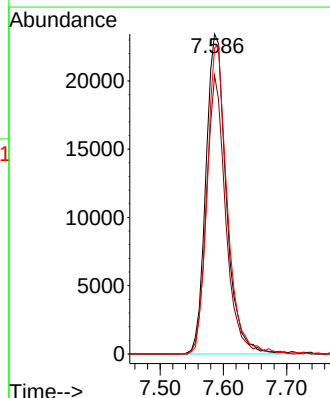
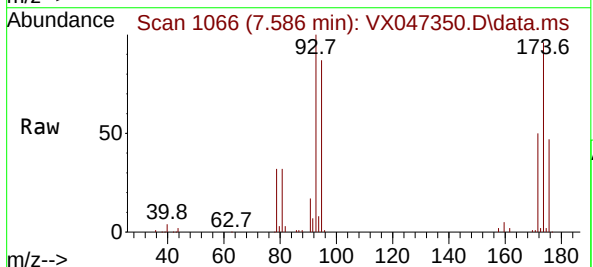
Tgt Ion: 93 Resp: 52472

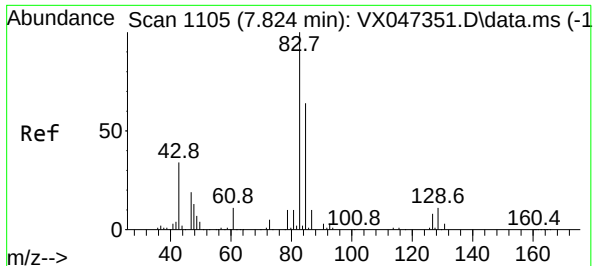
Ion Ratio Lower Upper

93 100

95 82.8 68.0 102.0

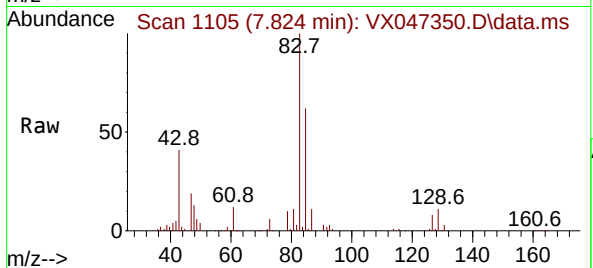
174 95.1 75.8 113.6





#47
Bromodichloromethane
Concen: 21.491 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

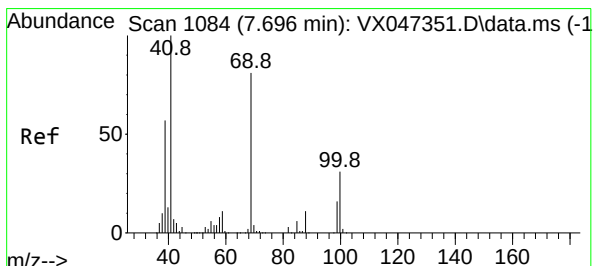
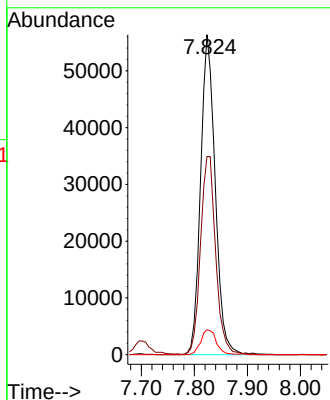
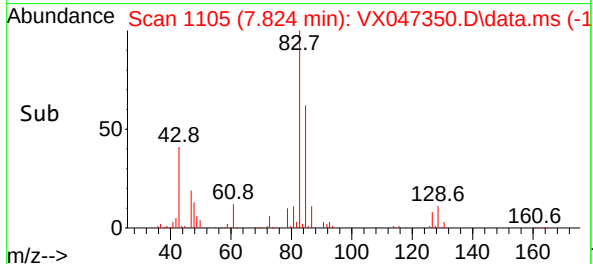
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 107990
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.6
127 7.8 7.0 10.4

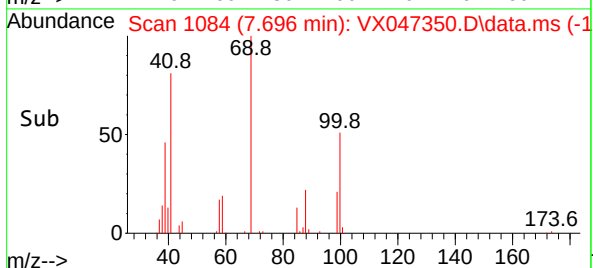
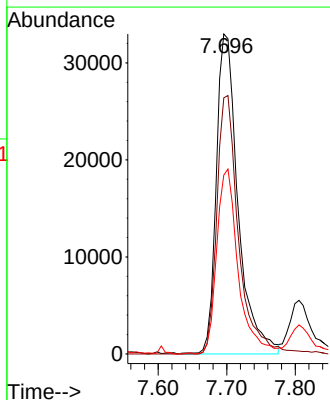
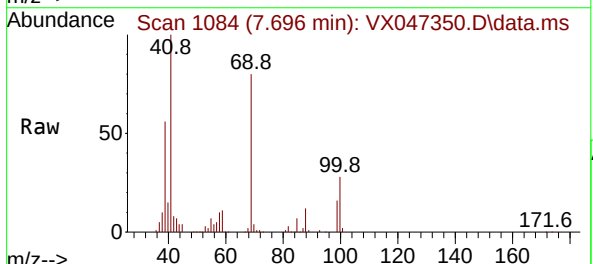
Manual Integrations
APPROVED

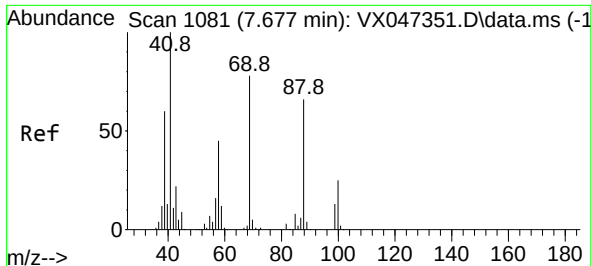
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 21.111 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

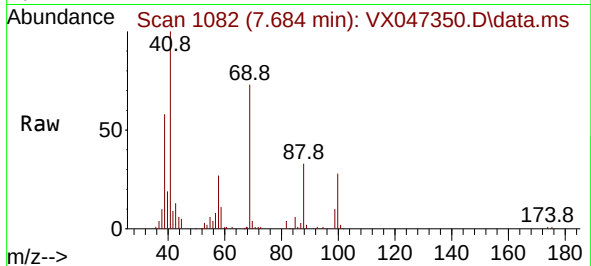
Tgt Ion: 41 Resp: 72765
Ion Ratio Lower Upper
41 100
69 81.0 65.0 97.4
39 56.6 45.7 68.5





#49
1,4-Dioxane
Concen: 414.079 ug/l m
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

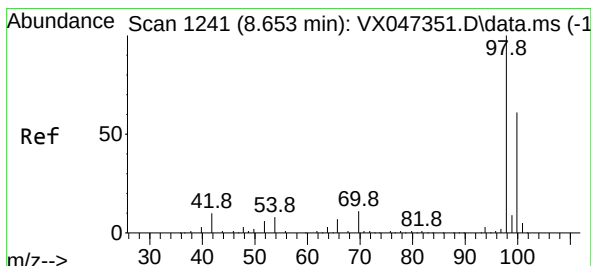
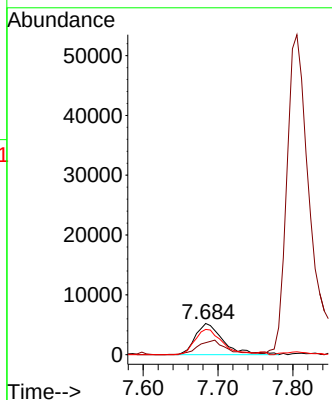
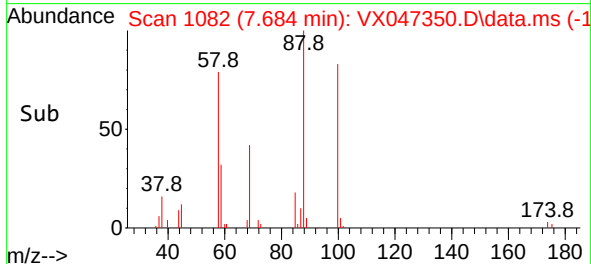
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 13554
Ion Ratio Lower Upper
88 100
43 47.5 32.4 48.6
58 78.9 56.9 85.3

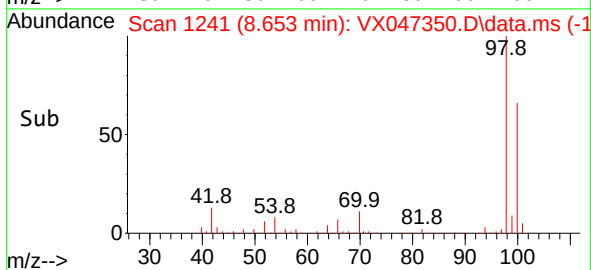
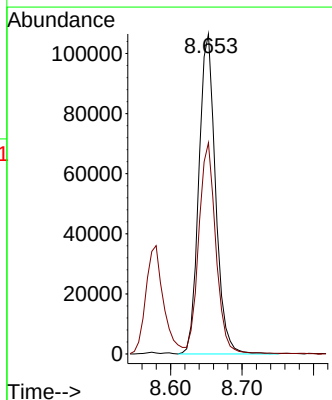
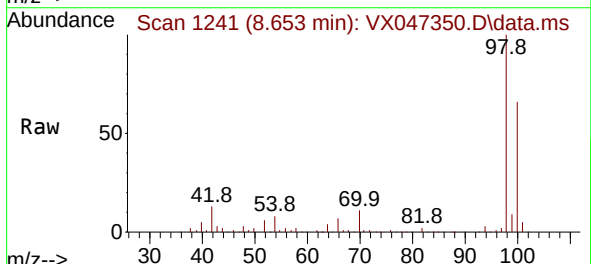
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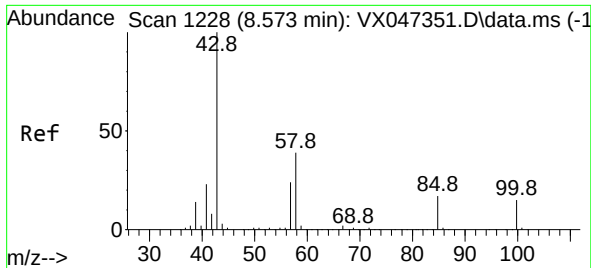
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 17.133 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 98 Resp: 172730
Ion Ratio Lower Upper
98 100
100 66.9 53.9 80.9





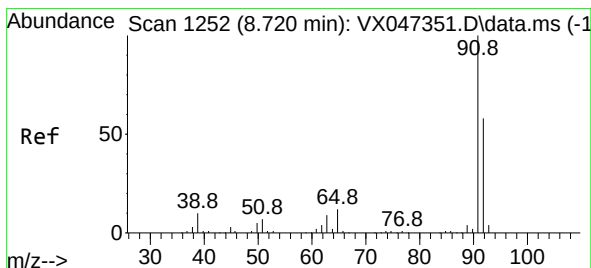
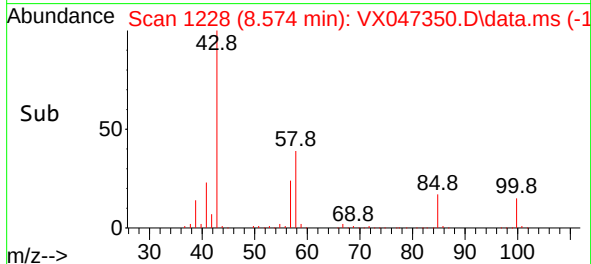
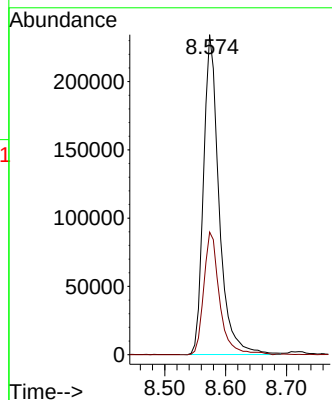
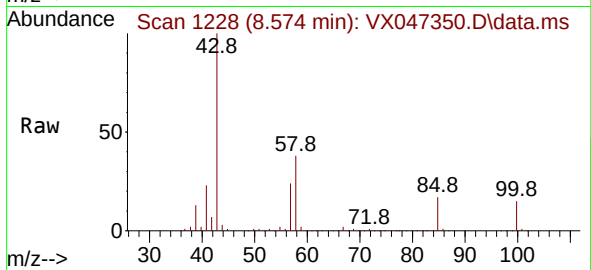
#51
4-Methyl-2-Pentanone
Concen: 109.039 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 41667
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8

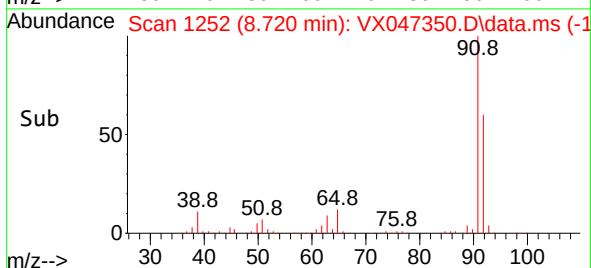
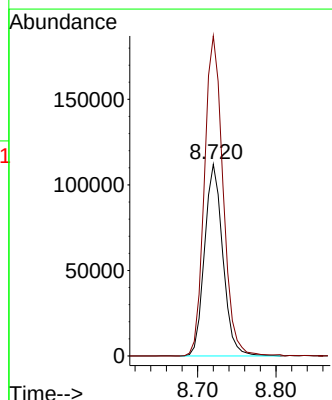
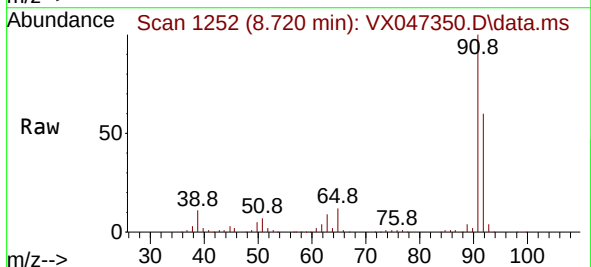
Manual Integrations
APPROVED

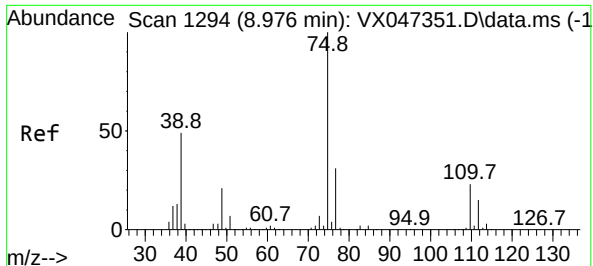
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 22.024 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 92 Resp: 181368
Ion Ratio Lower Upper
92 100
91 170.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 21.275 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 93302

Ion Ratio Lower Upper

75 100

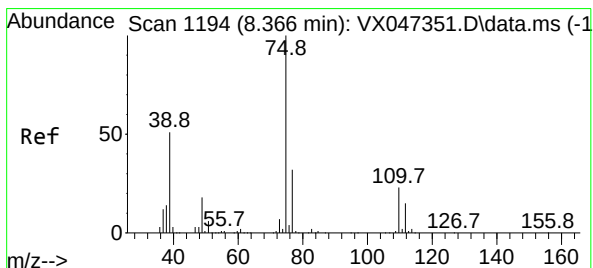
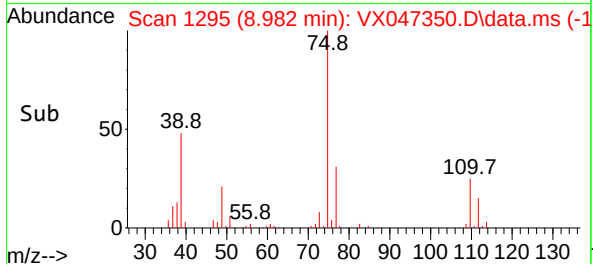
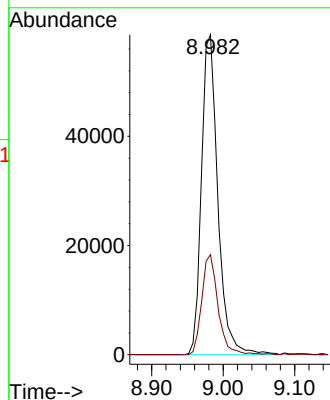
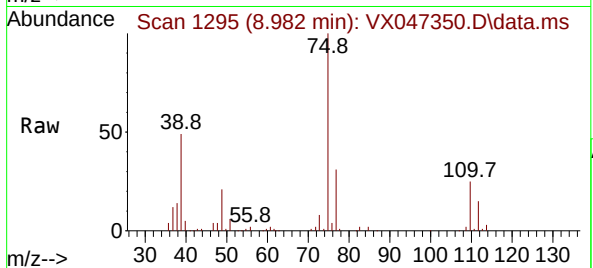
77 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#54

cis-1,3-Dichloropropene

Concen: 21.294 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

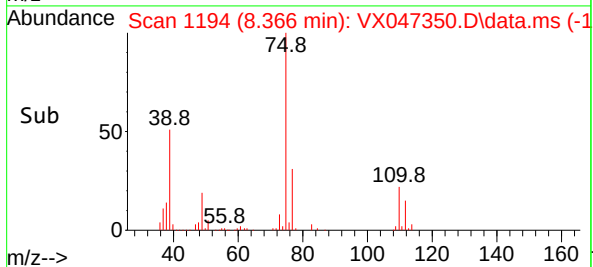
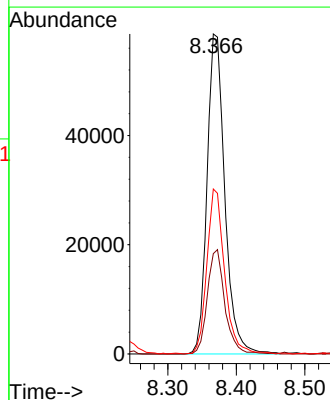
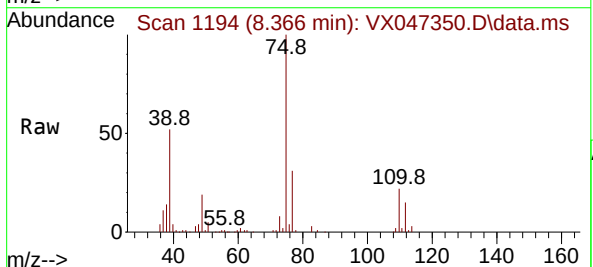
Tgt Ion: 75 Resp: 105701

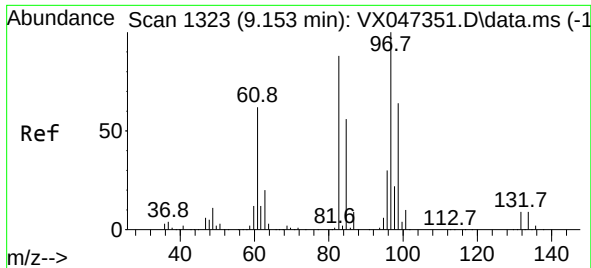
Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 51.4 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 21.838 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

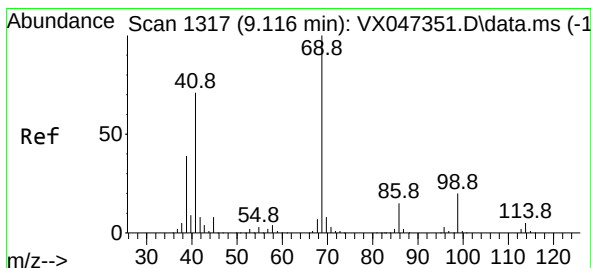
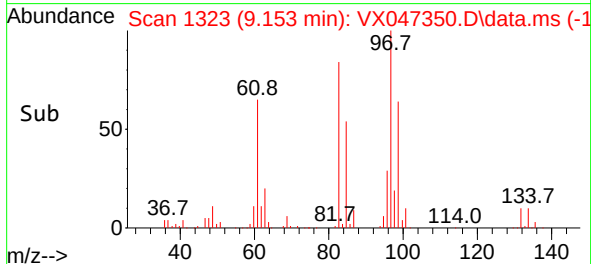
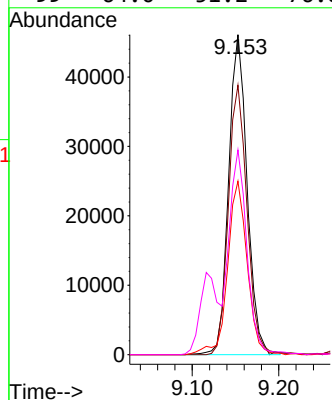
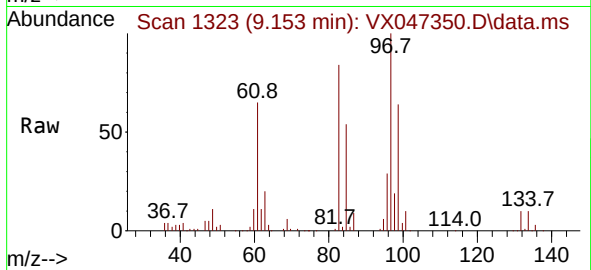
VSTDIC020

Tgt Ion: 97 Resp: 6828
Ion Ratio Lower Upper
97 100
83 84.2 70.6 106.0
85 54.2 44.7 67.1
99 64.0 51.2 76.8

Manual Integrations

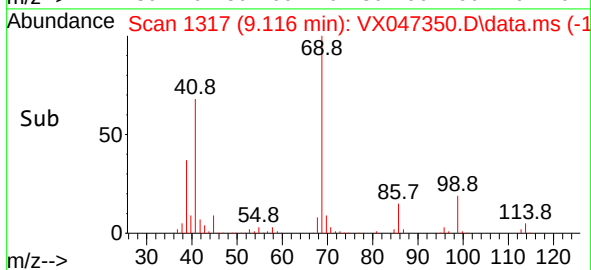
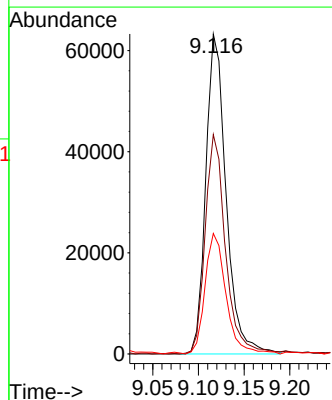
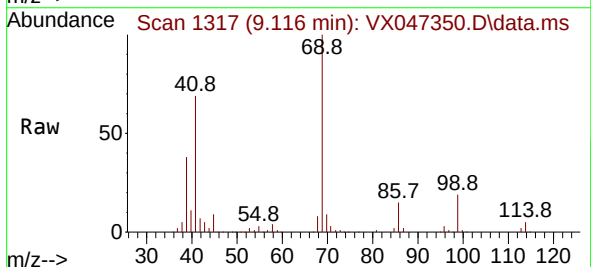
APPROVED

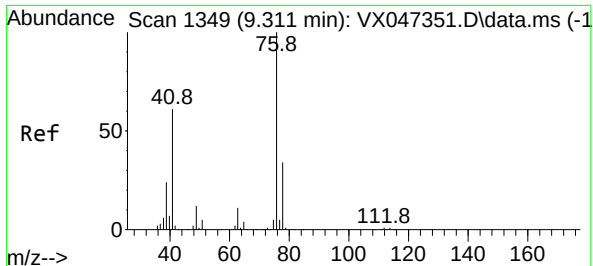
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#56
Ethyl methacrylate
Concen: 21.188 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion: 69 Resp: 97675
Ion Ratio Lower Upper
69 100
41 68.9 55.3 82.9
39 39.0 30.2 45.2





#57

1,3-Dichloropropane

Concen: 21.910 ug/l

RT: 9.311 min Scan# 11673

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 11673

Ion Ratio Lower Upper

76 100

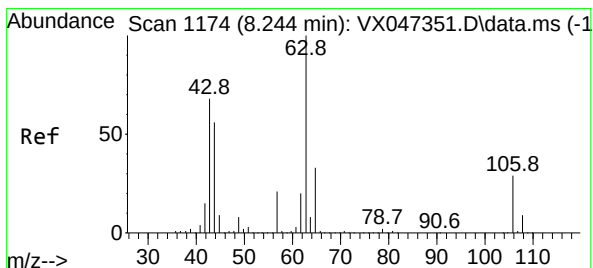
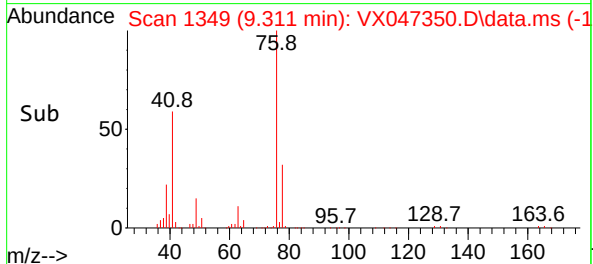
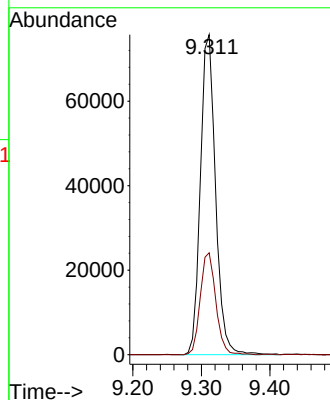
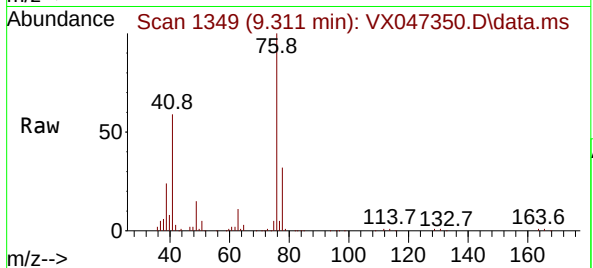
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 78.521 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047350.D

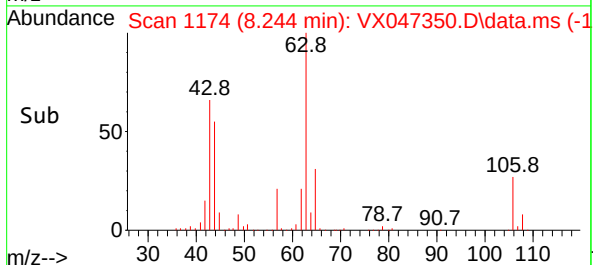
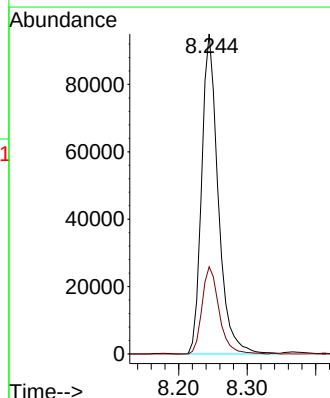
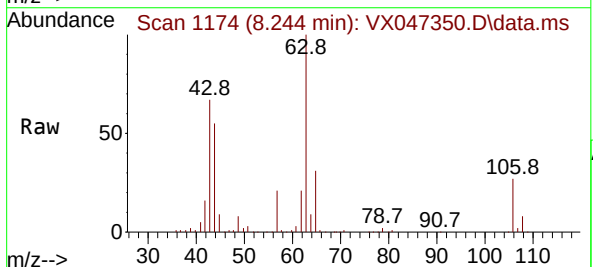
Acq: 15 Aug 2025 10:01

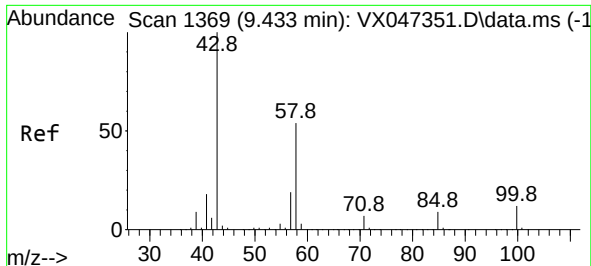
Tgt Ion: 63 Resp: 159793

Ion Ratio Lower Upper

63 100

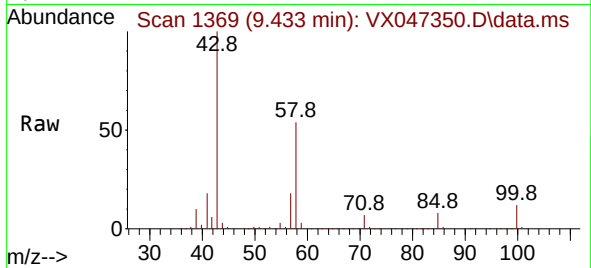
106 28.0 22.8 34.2





#59
2-Hexanone
Concen: 111.182 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

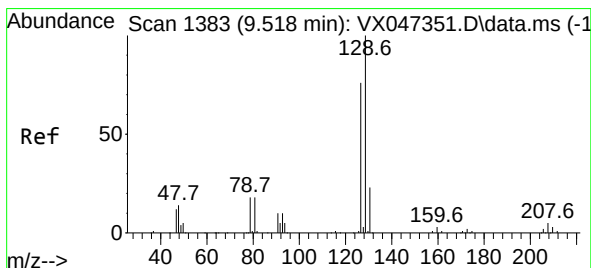
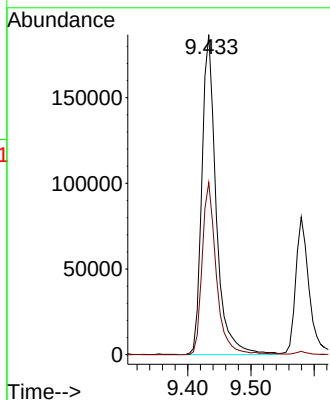
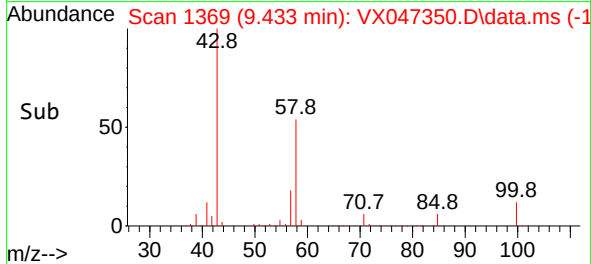
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 29388
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.7

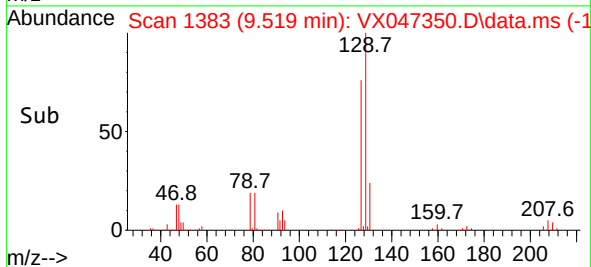
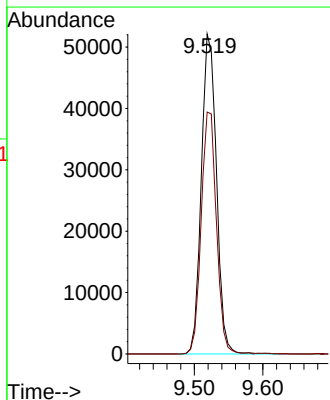
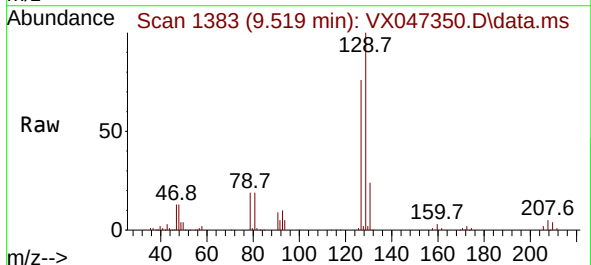
Manual Integrations
APPROVED

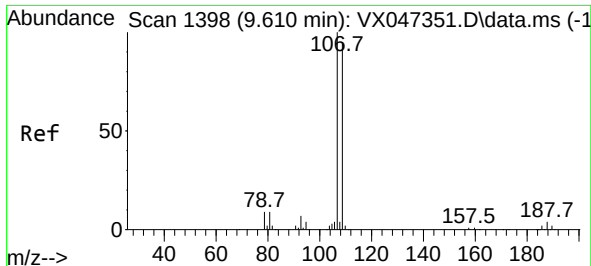
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 21.561 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

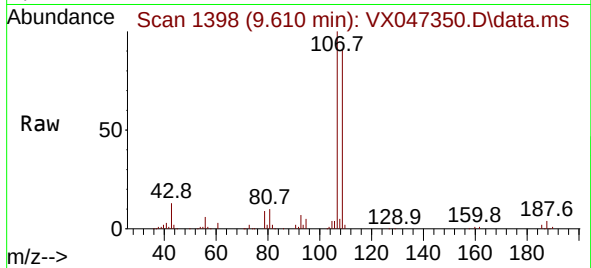
Tgt Ion:129 Resp: 80119
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6





#61
1,2-Dibromoethane
Concen: 21.388 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

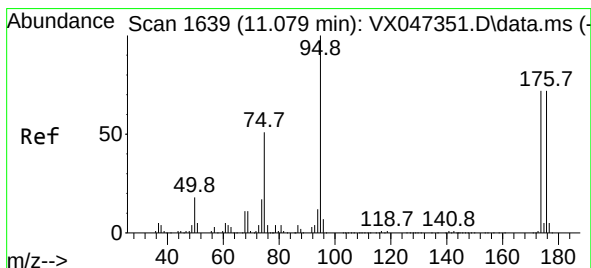
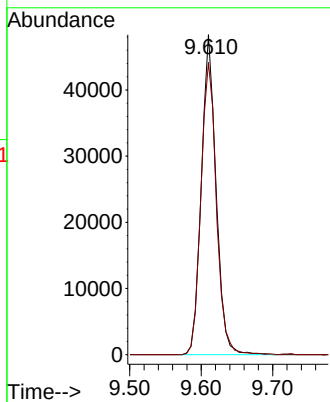
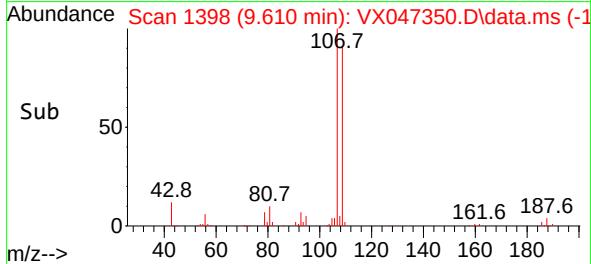
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



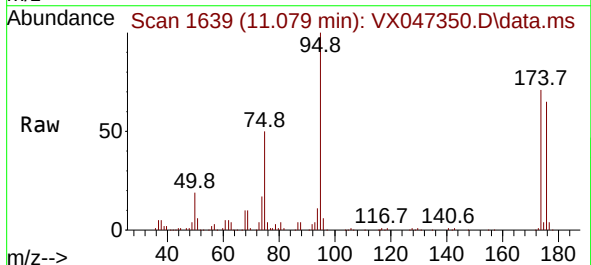
Tgt Ion:107 Resp: 6896
Ion Ratio Lower Upper
107 100
109 96.3 76.2 114.2

Manual Integrations
APPROVED

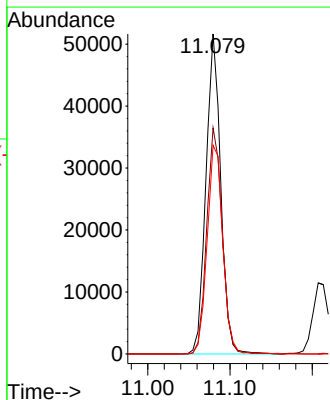
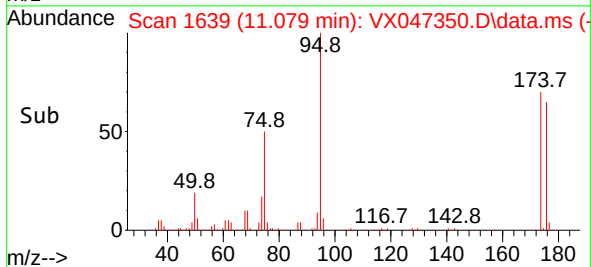
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

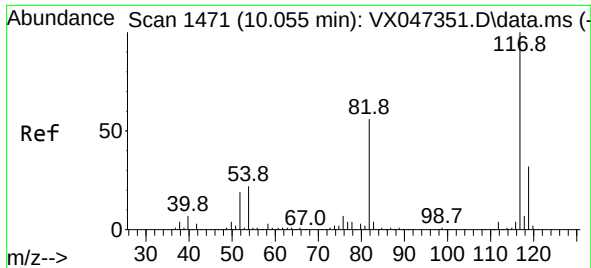


#62
4-Bromofluorobenzene
Concen: 17.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



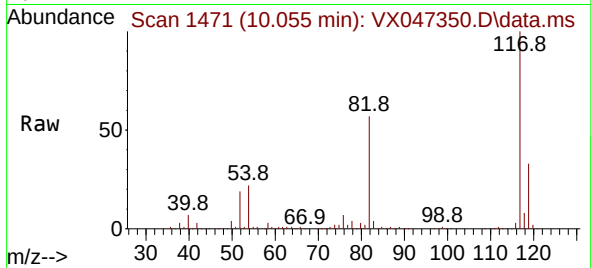
Tgt Ion: 95 Resp: 64433
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 69.1 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

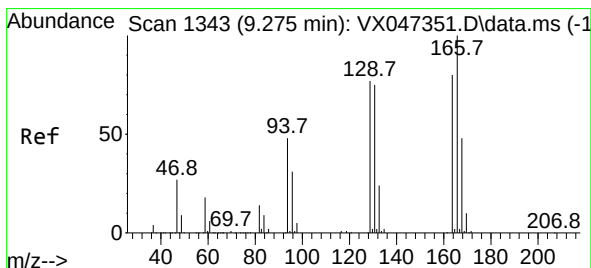
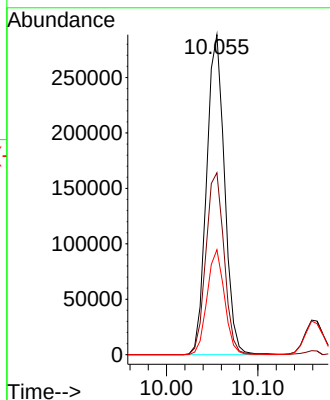
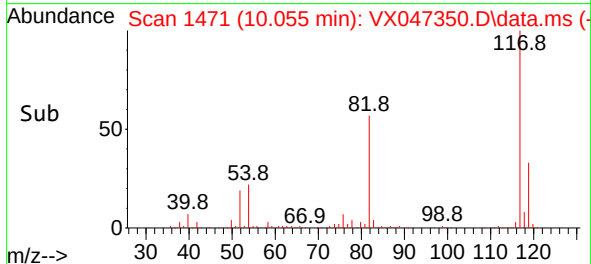
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 392362
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.8 25.8 38.8

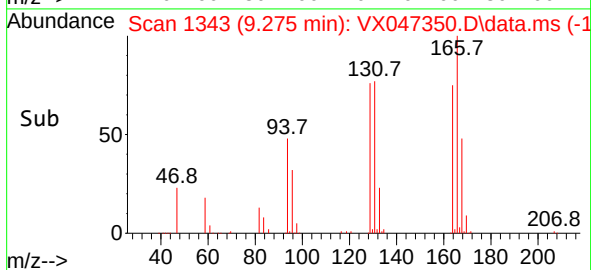
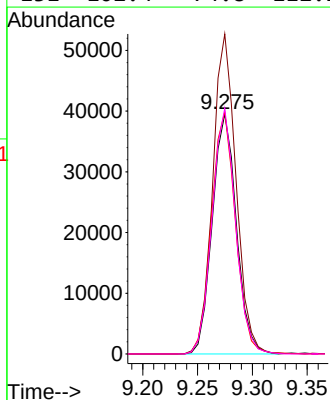
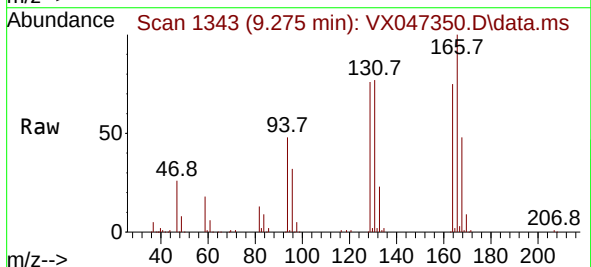
Manual Integrations
APPROVED

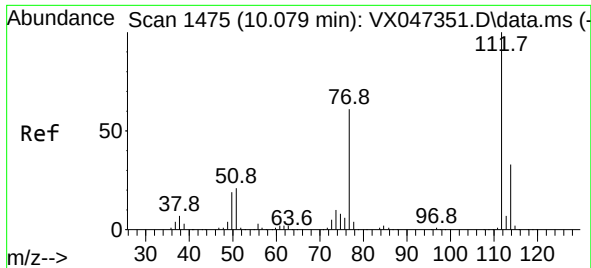
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 21.257 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:164 Resp: 60329
Ion Ratio Lower Upper
164 100
166 133.4 100.3 150.5
129 101.0 77.7 116.5
131 102.4 74.8 112.2





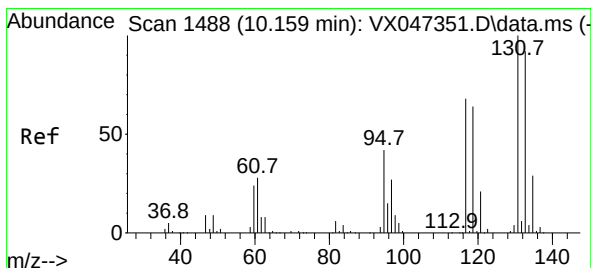
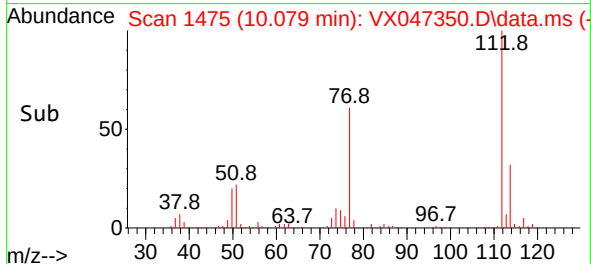
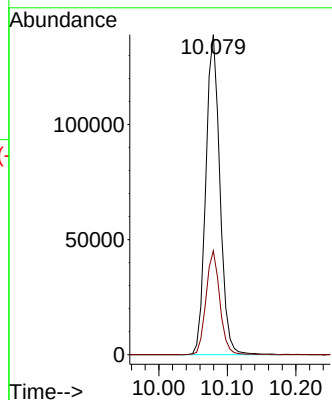
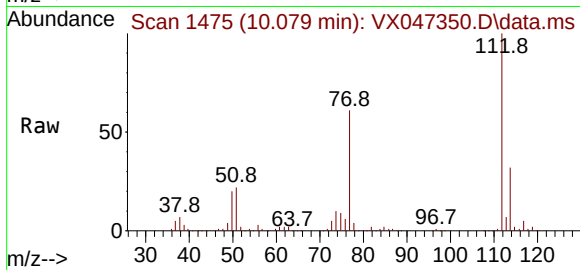
#65
Chlorobenzene
Concen: 21.342 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 198998
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6

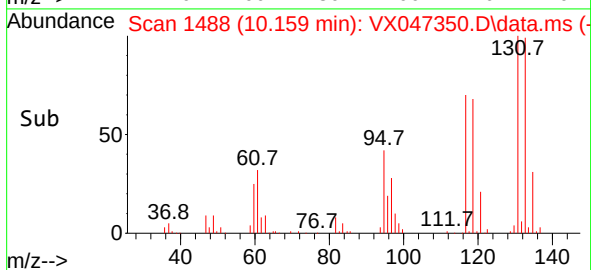
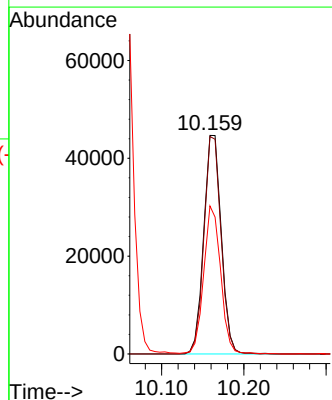
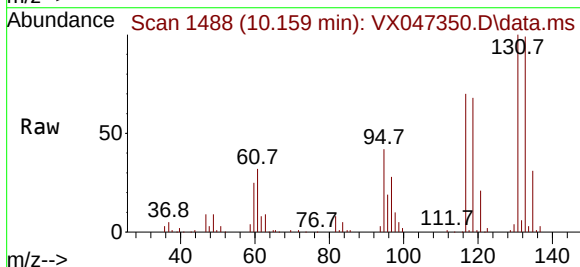
Manual Integrations
APPROVED

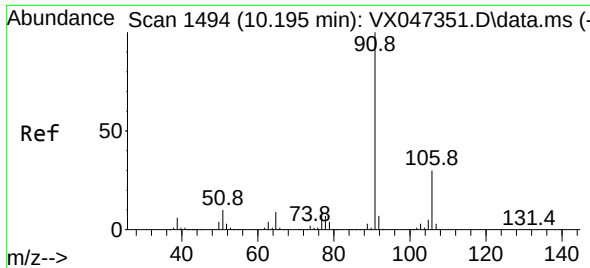
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.056 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

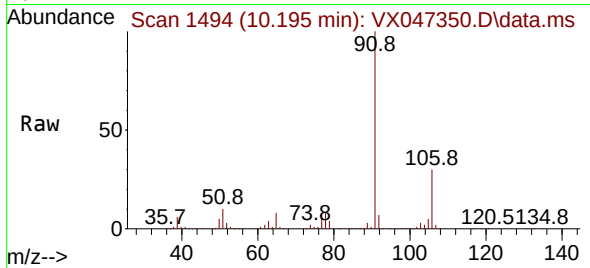
Tgt Ion:131 Resp: 66366
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 65.4 32.3 96.8





#67
Ethyl Benzene
Concen: 21.675 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

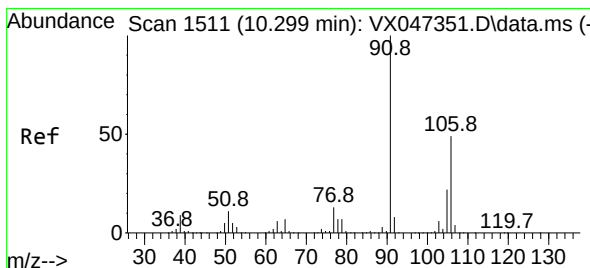
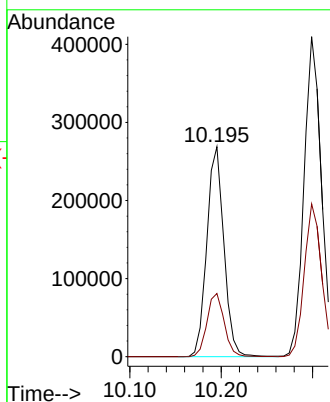
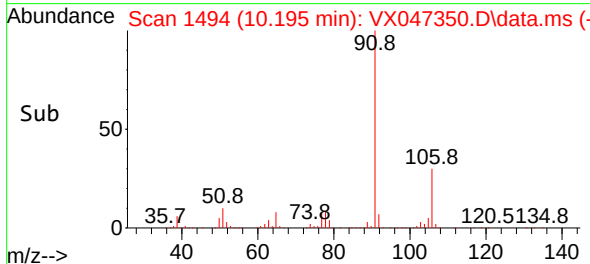
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



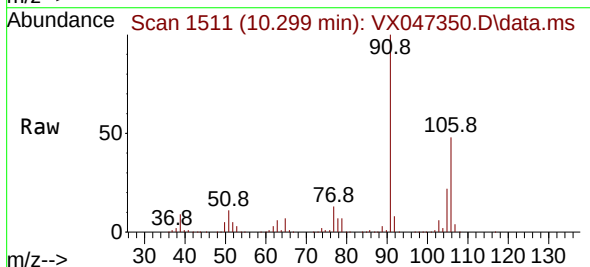
Tgt Ion: 91 Resp: 347834
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Manual Integrations
APPROVED

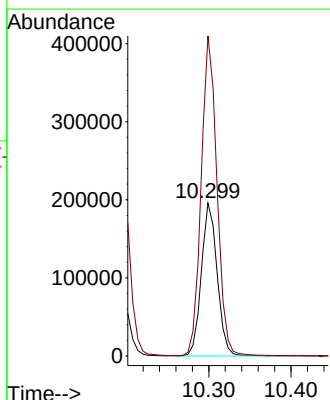
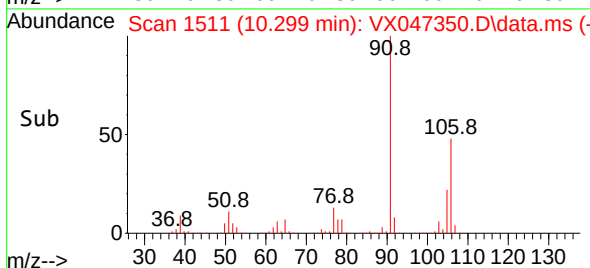
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

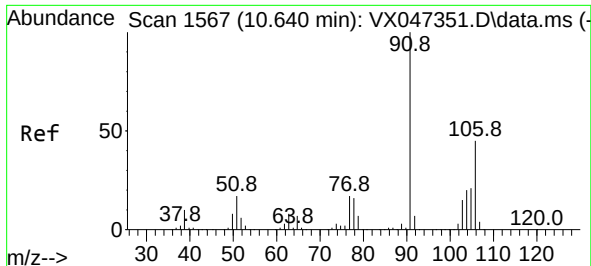


#68
m/p-Xylenes
Concen: 43.608 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



Tgt Ion:106 Resp: 260945
Ion Ratio Lower Upper
106 100
91 209.5 164.7 247.1





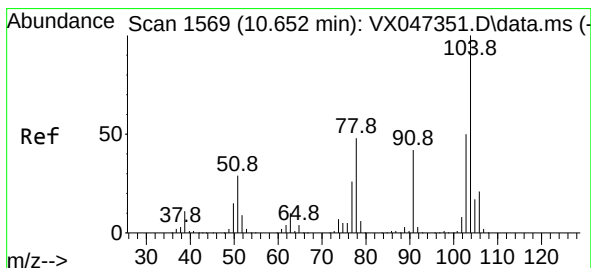
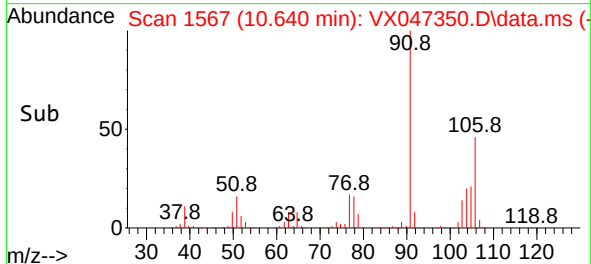
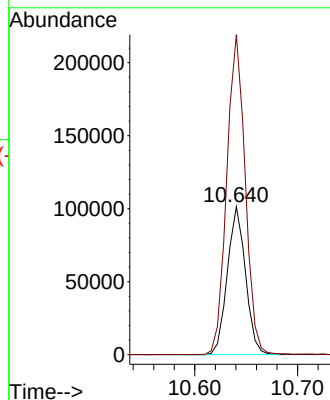
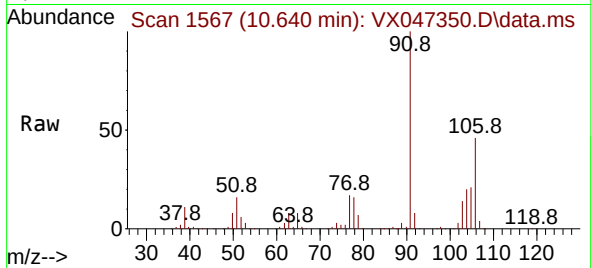
#69
o-Xylene
Concen: 21.606 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 12442
Ion Ratio Lower Upper
106 100
91 219.7 110.6 331.8

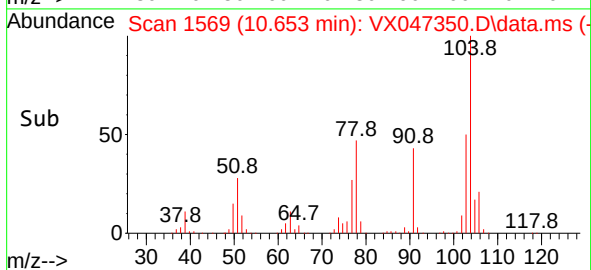
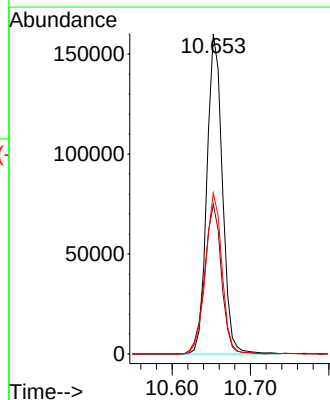
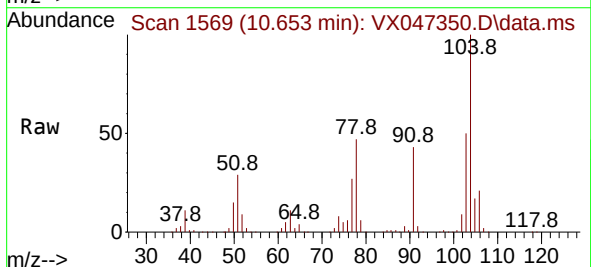
Manual Integrations
APPROVED

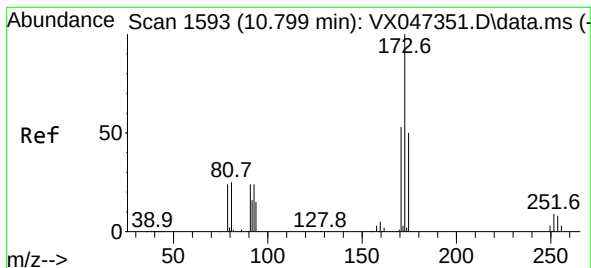
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 22.540 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

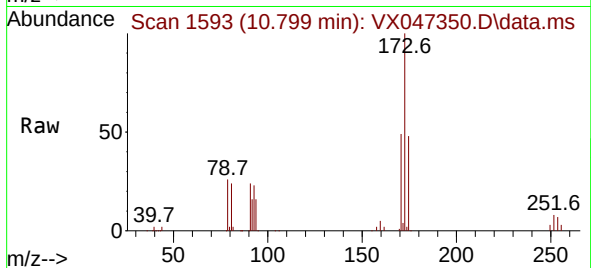
Tgt Ion:104 Resp: 219310
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 53.6 43.6 65.4





#71
Bromoform
Concen: 21.335 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

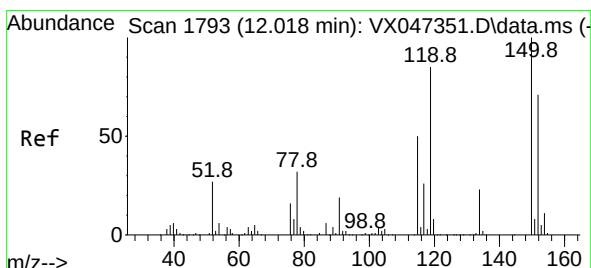
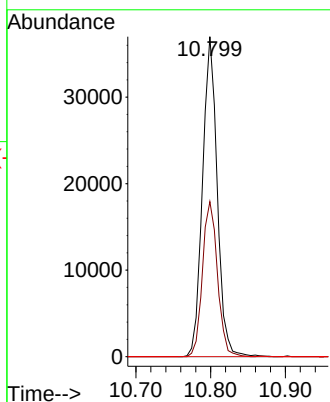
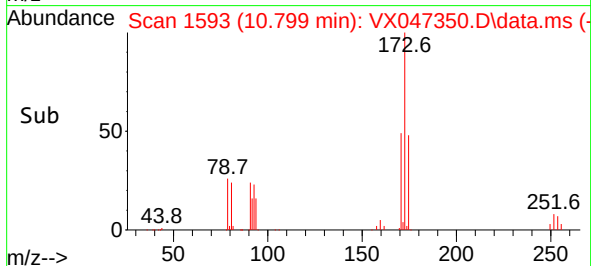
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



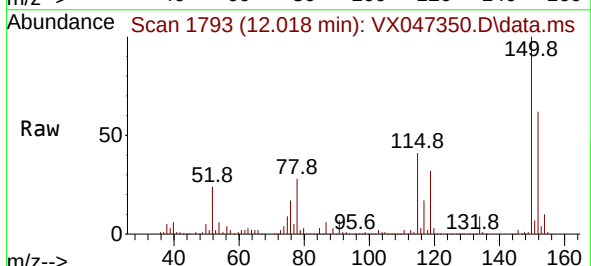
Tgt Ion:173 Resp: 50519
Ion Ratio Lower Upper
173 100
175 49.4 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

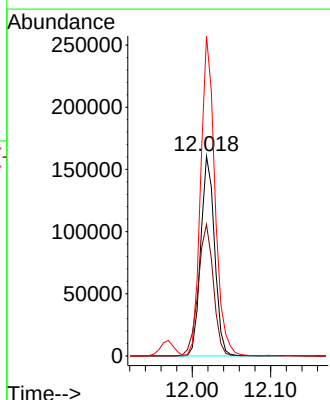
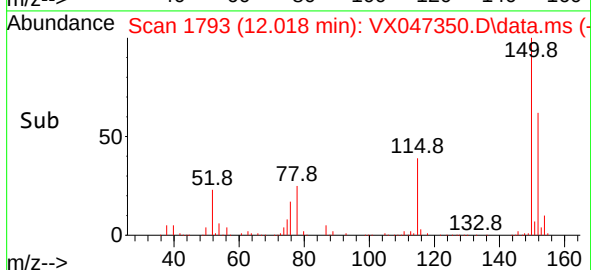
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

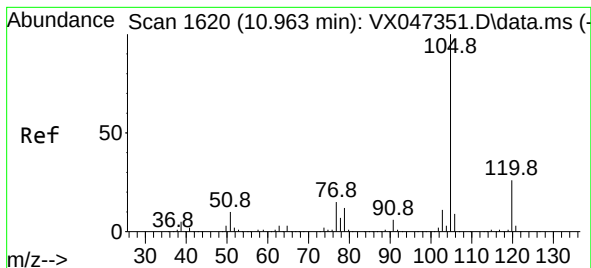


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



Tgt Ion:152 Resp: 196732
Ion Ratio Lower Upper
152 100
115 72.6 44.6 133.8
150 164.5 0.0 349.8





#73

Isopropylbenzene

Concen: 21.425 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 329840

Ion Ratio Lower Upper

105 100

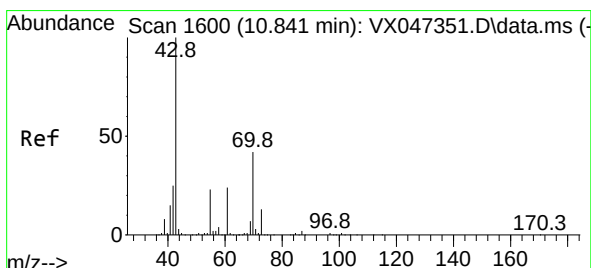
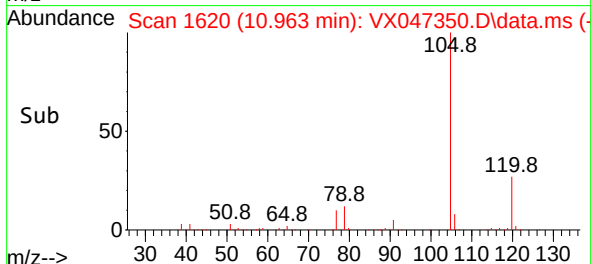
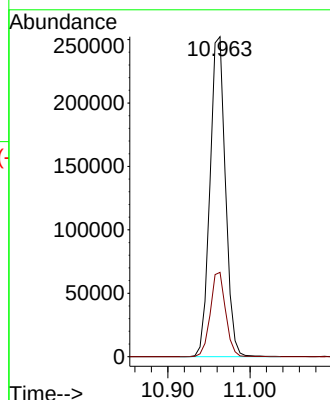
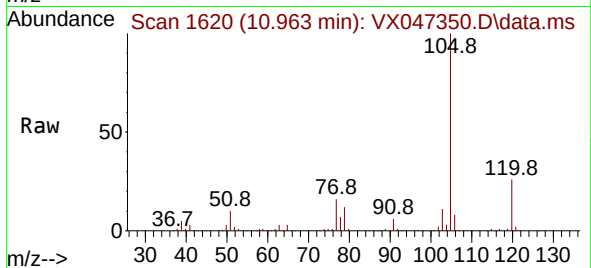
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#74

N-ethyl acetate

Concen: 20.717 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Tgt Ion: 43 Resp: 121116

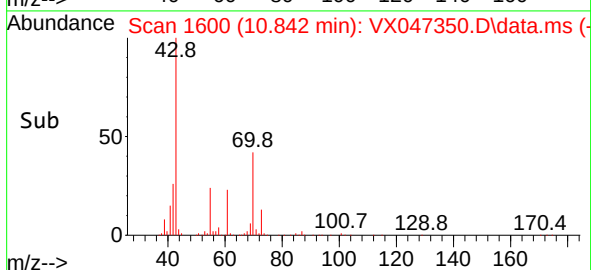
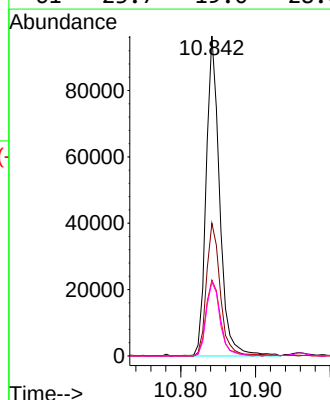
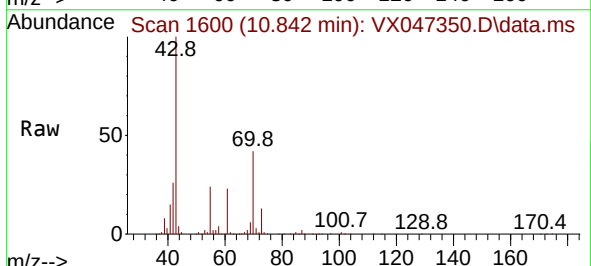
Ion Ratio Lower Upper

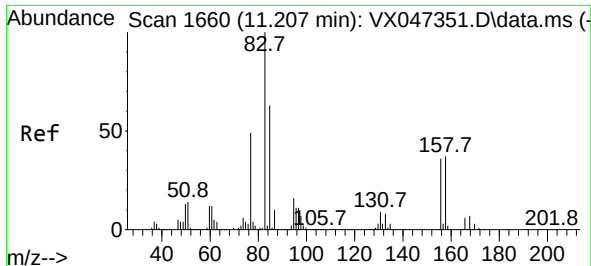
43 100

70 42.8 33.1 49.7

55 25.4 19.0 28.6

61 23.7 19.0 28.6





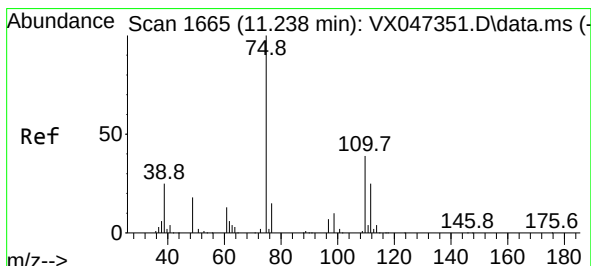
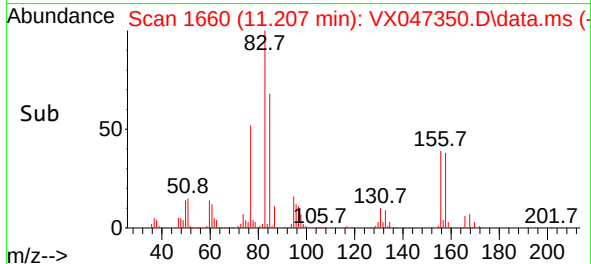
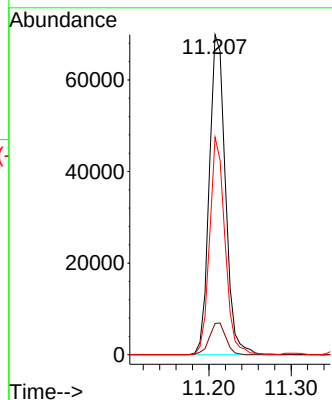
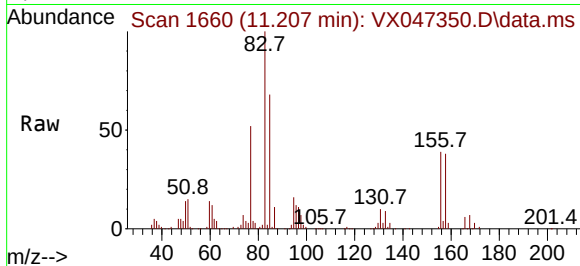
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.039 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 83 Resp: 95098
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 64.8 31.7 95.1

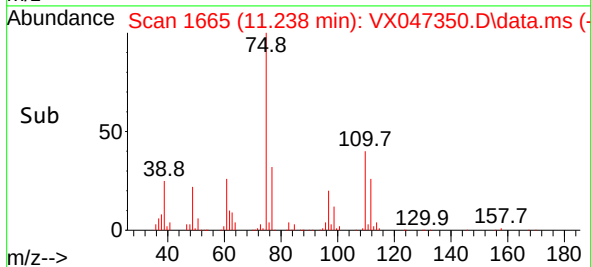
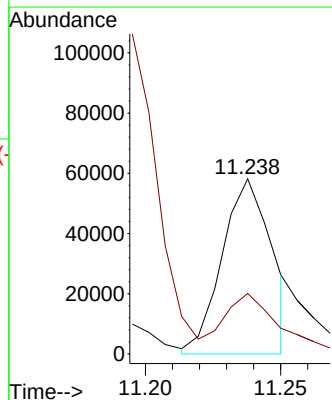
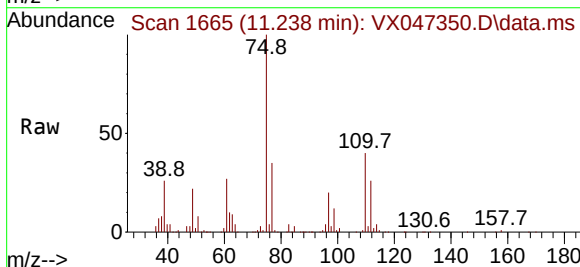
Manual Integrations
 APPROVED

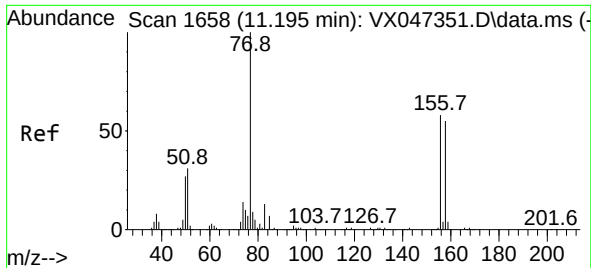
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#76
 1,2,3-Trichloropropane
 Concen: 20.531 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01

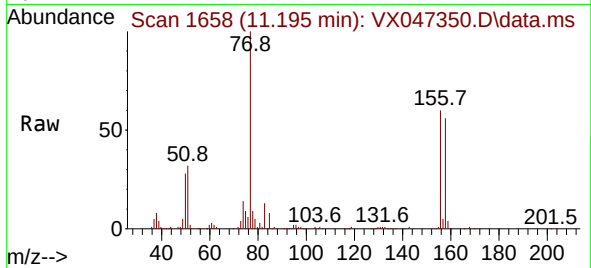
Tgt Ion: 75 Resp: 74083
 Ion Ratio Lower Upper
 75 100
 77 40.0 19.4 58.2





#77
Bromobenzene
Concen: 21.298 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

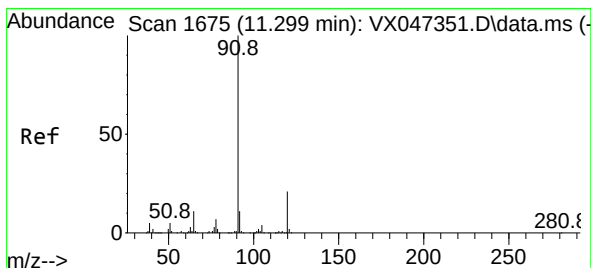
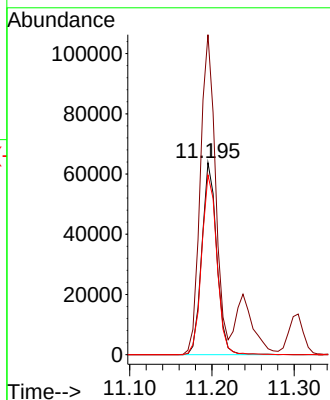
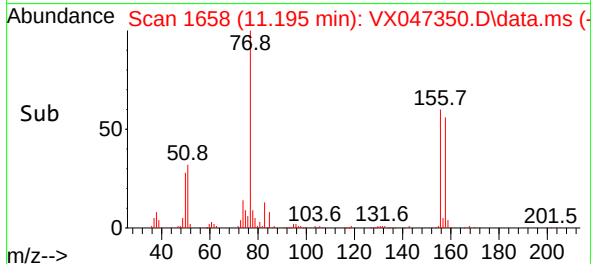
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



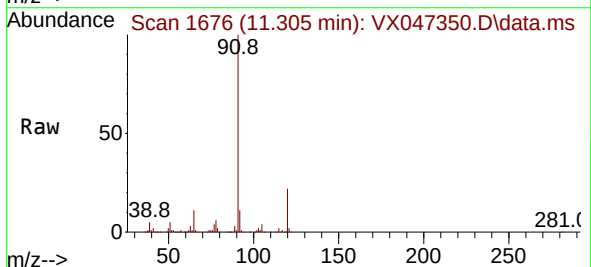
Tgt Ion: 156 Resp: 80060
Ion Ratio Lower Upper
156 100
77 170.5 86.3 258.9
158 96.2 48.0 144.2

Manual Integrations
APPROVED

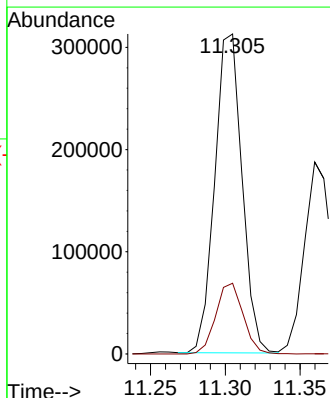
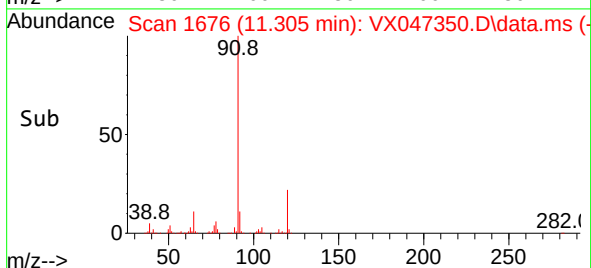
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

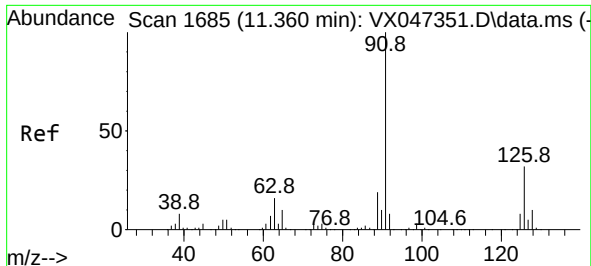


#78
n-propylbenzene
Concen: 21.531 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



Tgt Ion: 91 Resp: 395888
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





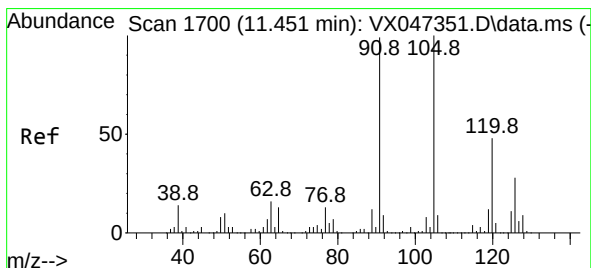
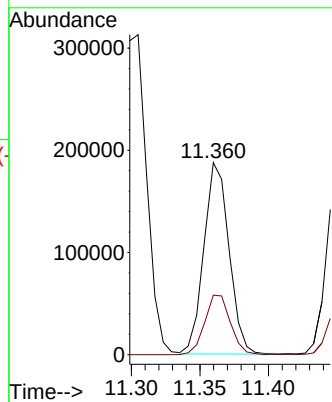
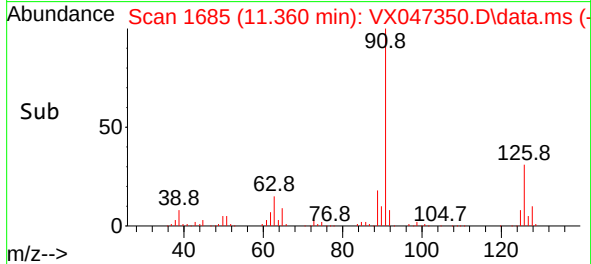
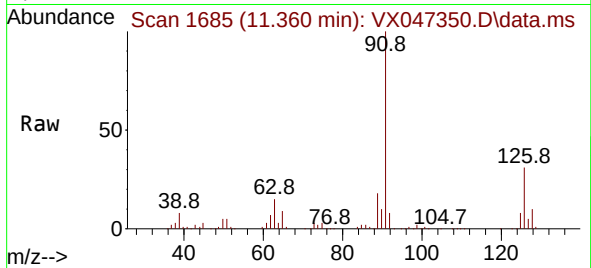
#79
2-Chlorotoluene
Concen: 21.515 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 23913
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.1

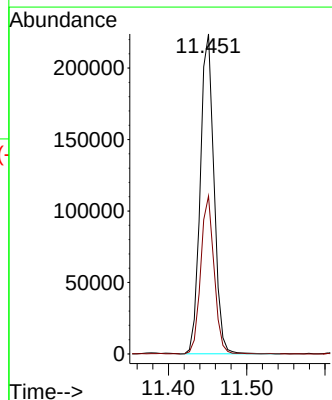
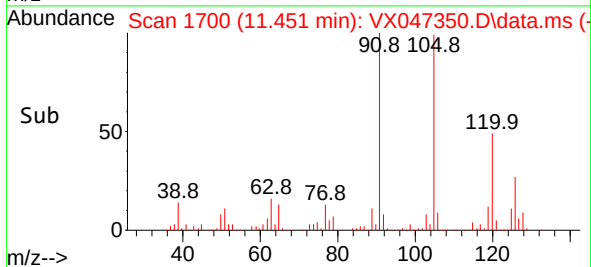
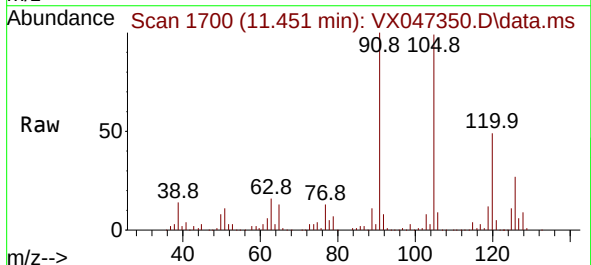
Manual Integrations
APPROVED

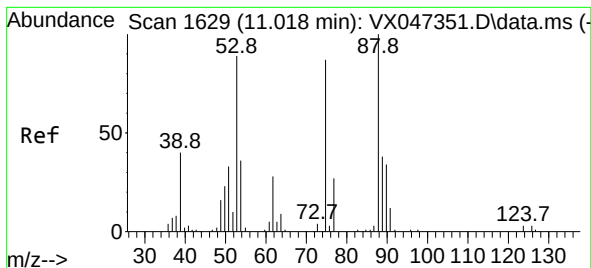
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.513 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Tgt Ion:105 Resp: 272501
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7





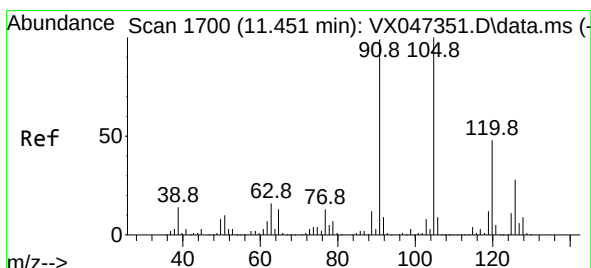
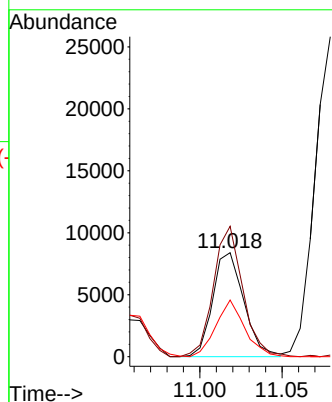
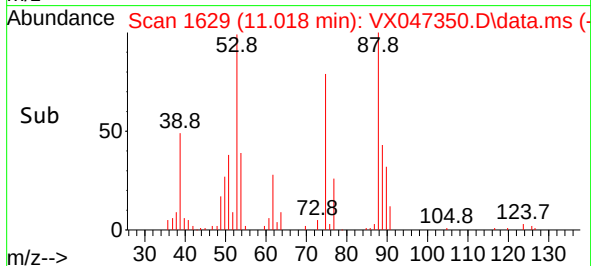
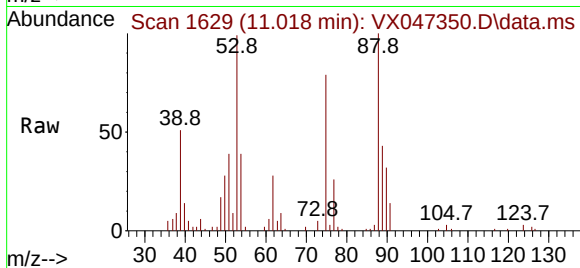
#81
trans-1,4-Dichloro-2-butene
Concen: 19.090 ug/l
RT: 11.018 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
53 118.2 85.2 127.8
89 50.5 36.7 55.1

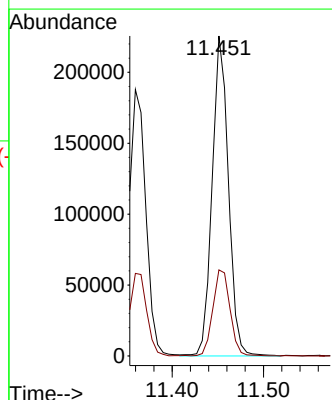
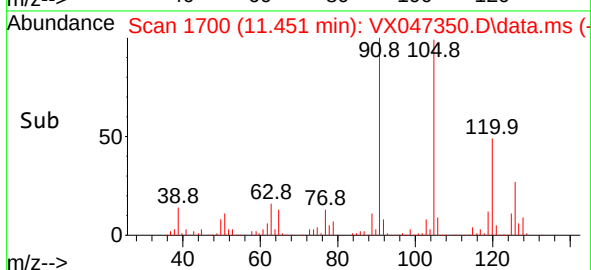
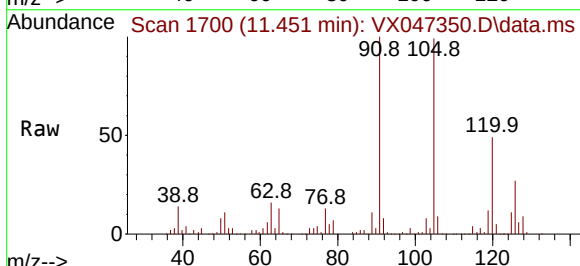
Manual Integrations
APPROVED

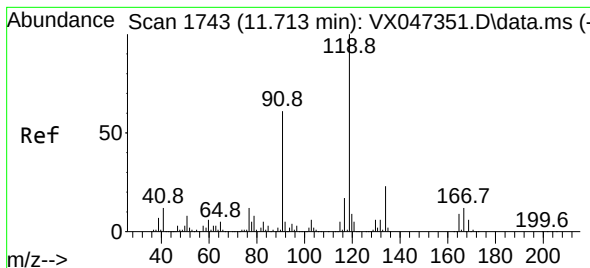
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 21.272 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

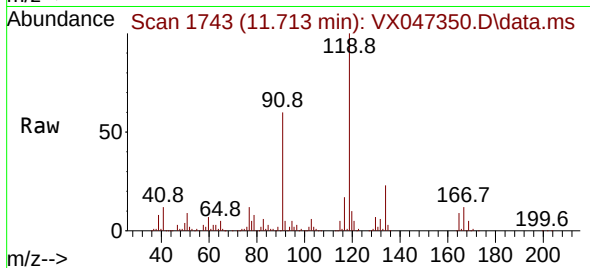
Tgt Ion: 91 Resp: 278705
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.0





#83
 tert-Butylbenzene
 Concen: 21.487 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01

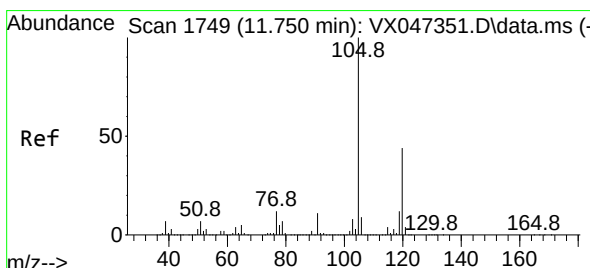
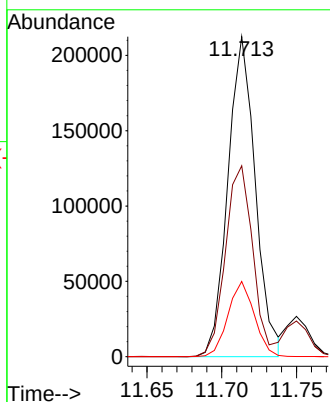
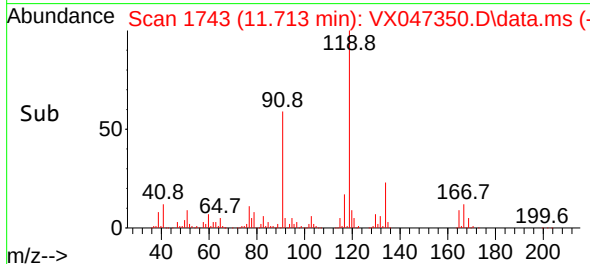
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



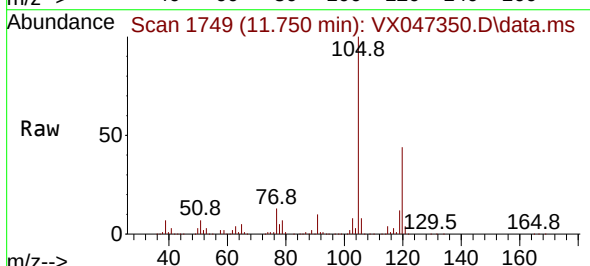
Tgt Ion:119 Resp: 27154
 Ion Ratio Lower Upper
 119 100
 91 59.0 29.1 87.4
 134 22.6 11.3 33.9

Manual Integrations
 APPROVED

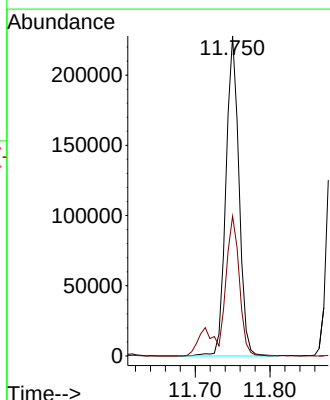
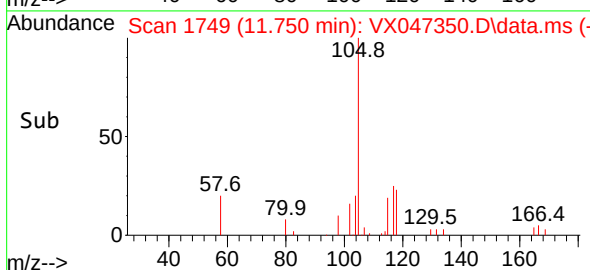
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

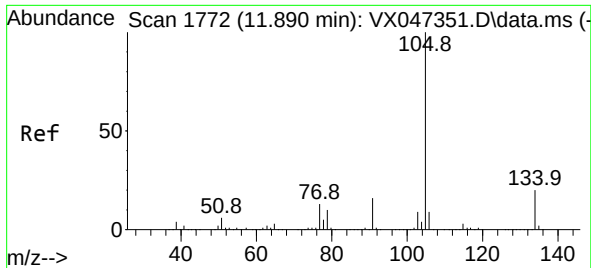


#84
 1,2,4-Trimethylbenzene
 Concen: 21.876 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01



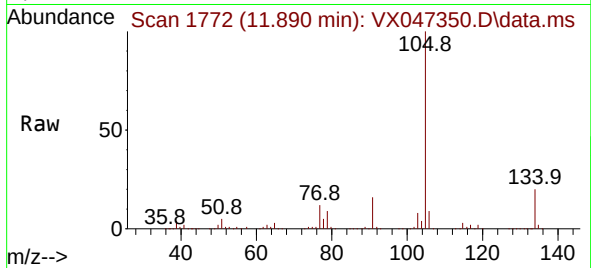
Tgt Ion:105 Resp: 277110
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 21.719 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01

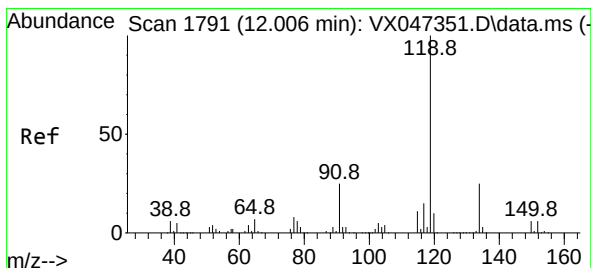
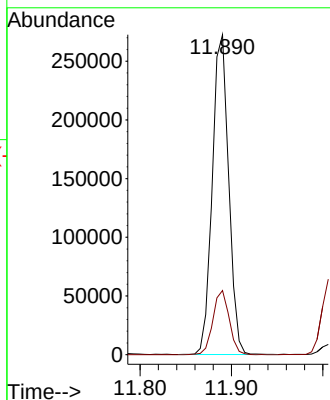
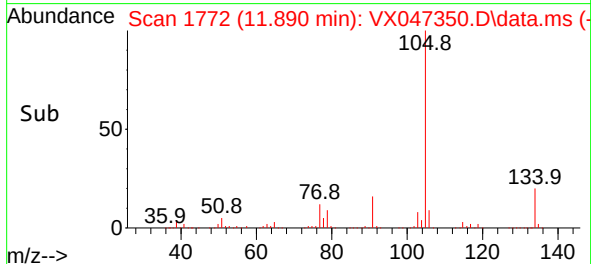
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



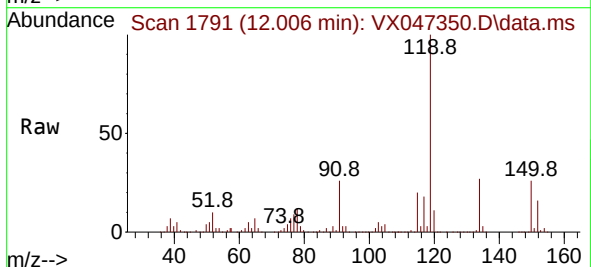
Tgt Ion:105 Resp: 34020
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5

Manual Integrations
 APPROVED

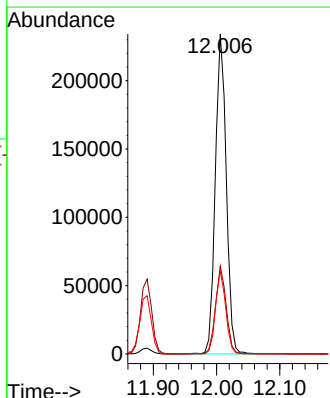
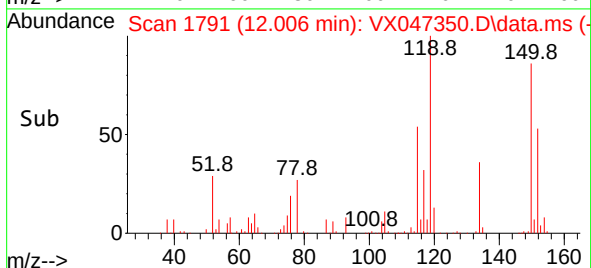
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

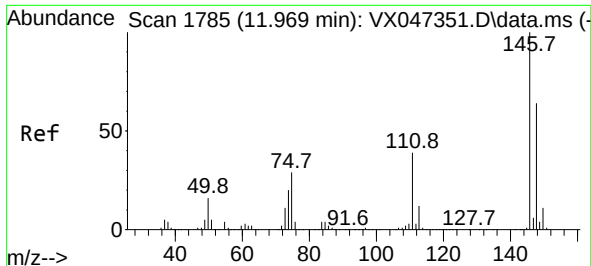


#86
 p-Isopropyltoluene
 Concen: 21.189 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047350.D
 Acq: 15 Aug 2025 10:01



Tgt Ion:119 Resp: 280855
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.890 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 150028

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.8

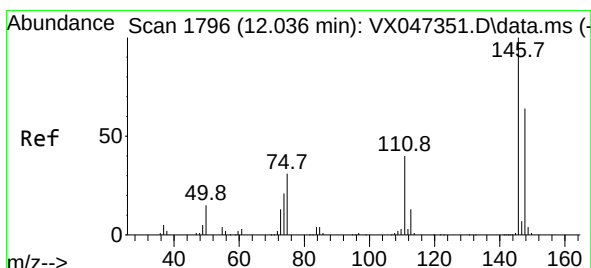
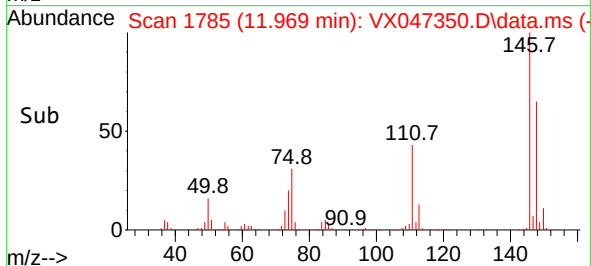
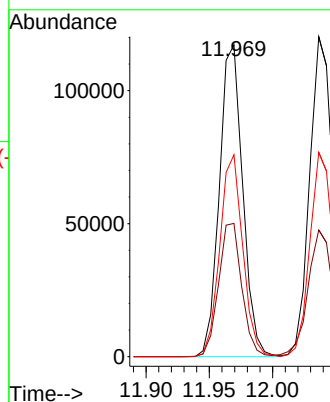
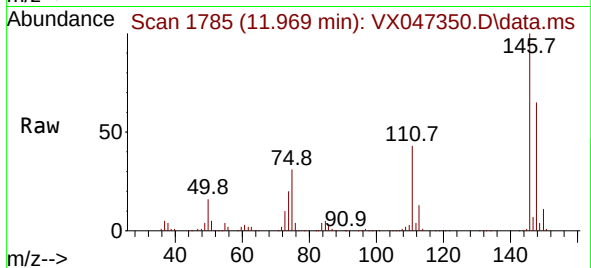
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 20.798 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

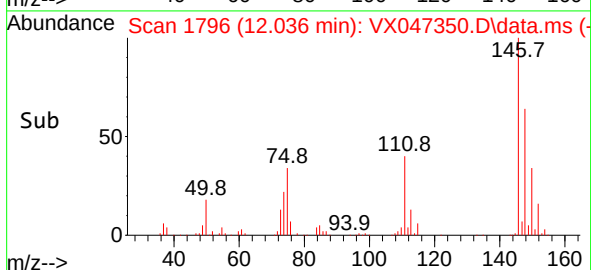
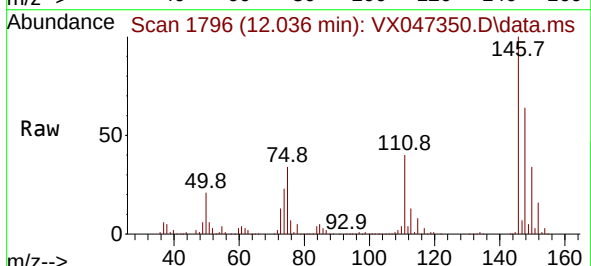
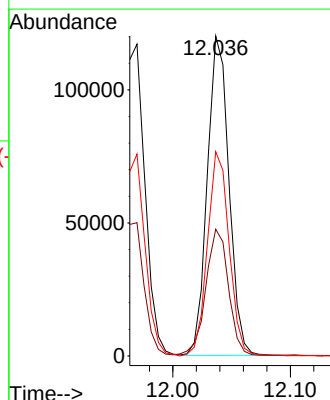
Tgt Ion:146 Resp: 153630

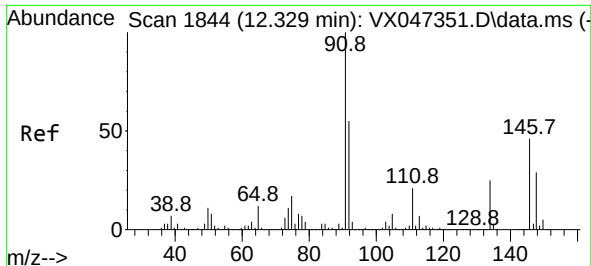
Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.2

148 64.2 31.7 95.1





#89

n-Butylbenzene

Concen: 21.124 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047350.D

Acq: 15 Aug 2025 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 260428

Ion Ratio Lower Upper

91 100

92 53.1 27.2 81.5

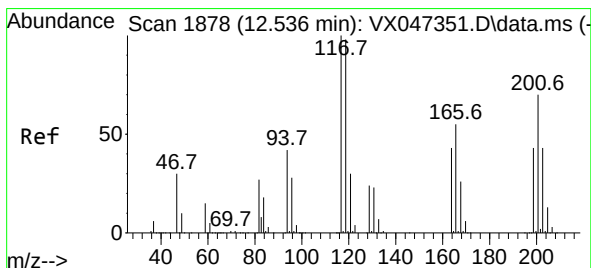
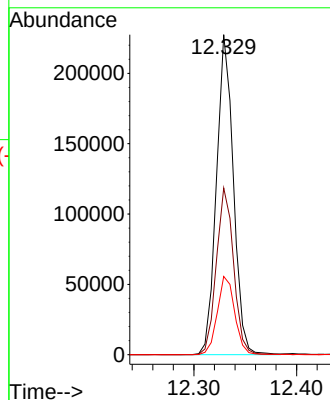
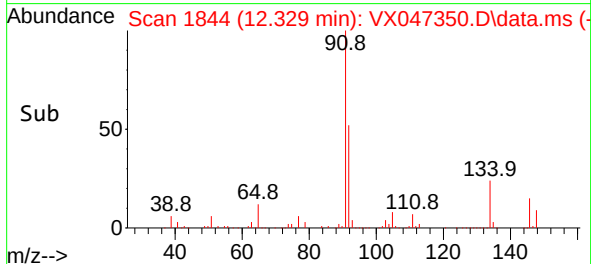
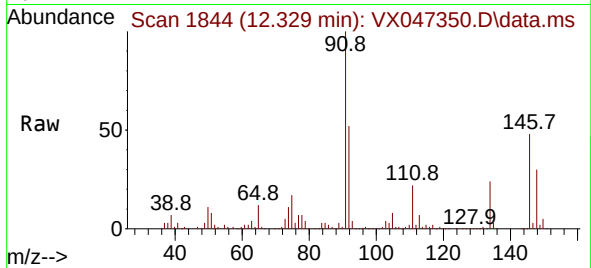
134 25.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#90

Hexachloroethane

Concen: 19.754 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047350.D

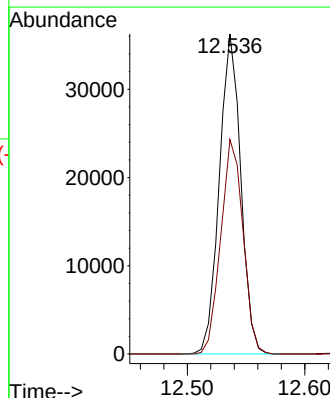
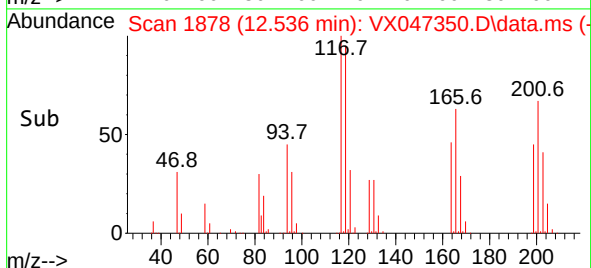
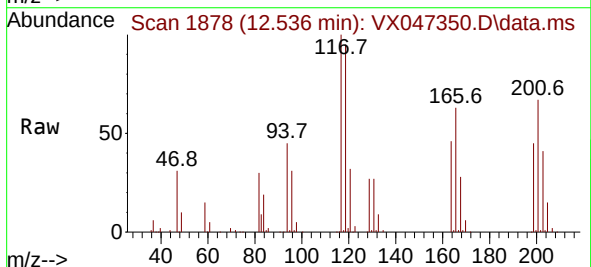
Acq: 15 Aug 2025 10:01

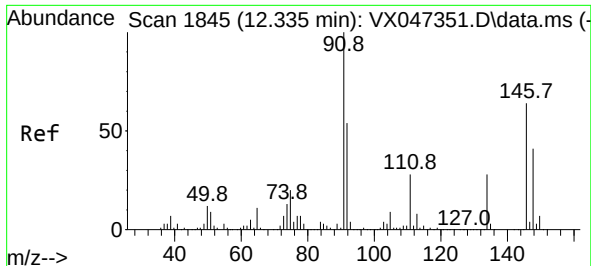
Tgt Ion:117 Resp: 45934

Ion Ratio Lower Upper

117 100

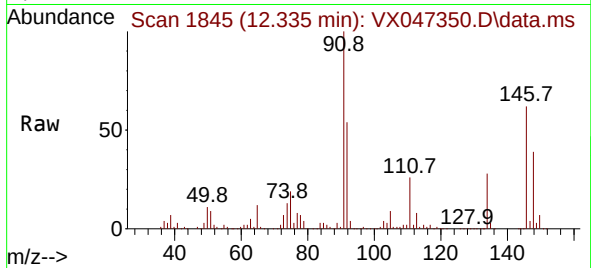
201 69.8 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 21.363 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

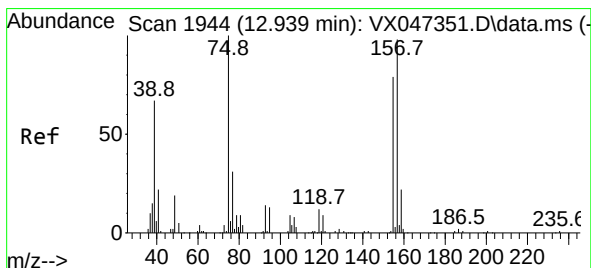
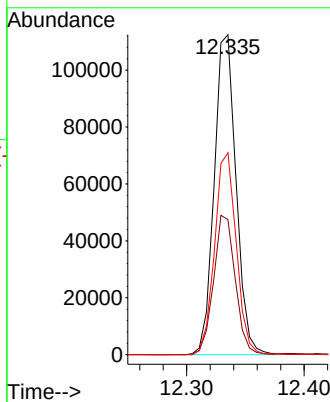
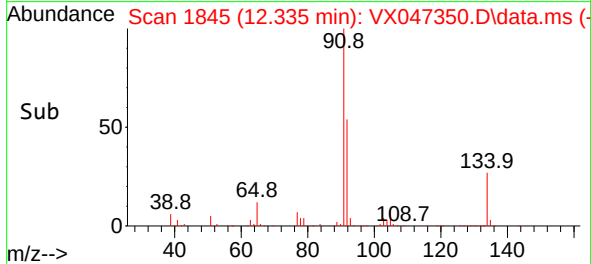
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



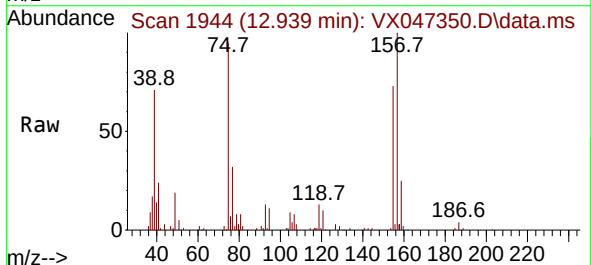
Tgt Ion:146 Resp: 145629
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.1
148 62.6 31.9 95.5

Manual Integrations
APPROVED

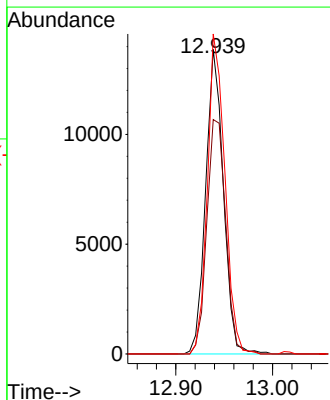
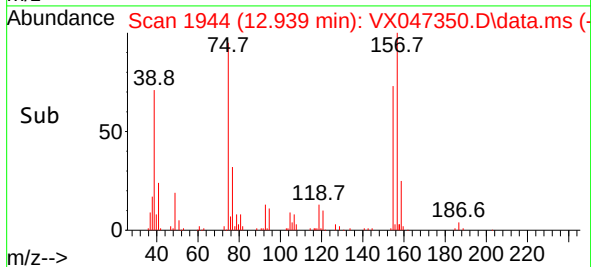
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

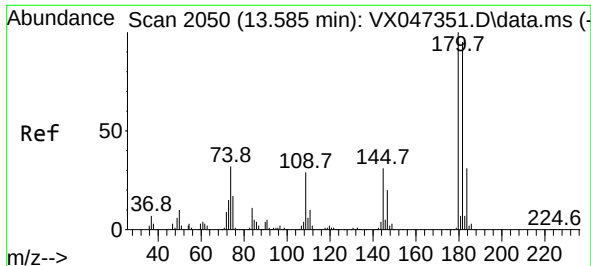


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.246 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



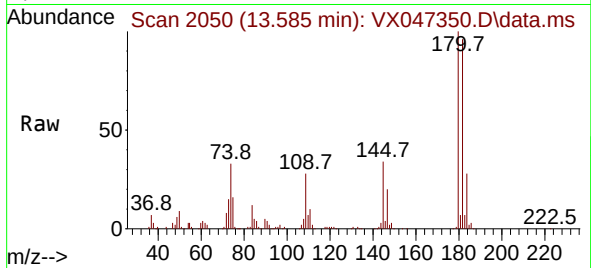
Tgt Ion: 75 Resp: 17698
Ion Ratio Lower Upper
75 100
155 82.3 41.3 123.7
157 103.6 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 20.105 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

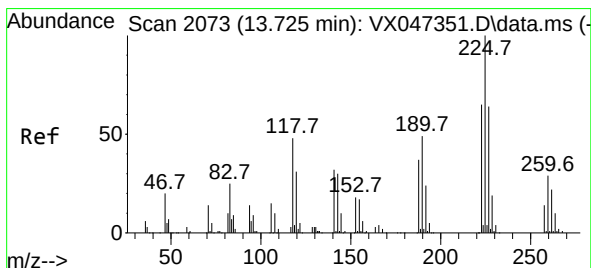
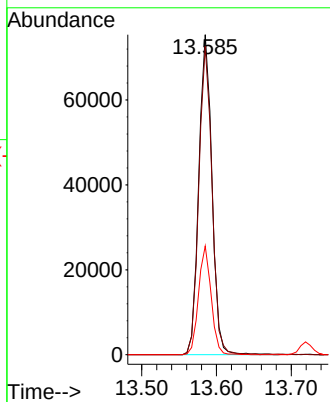
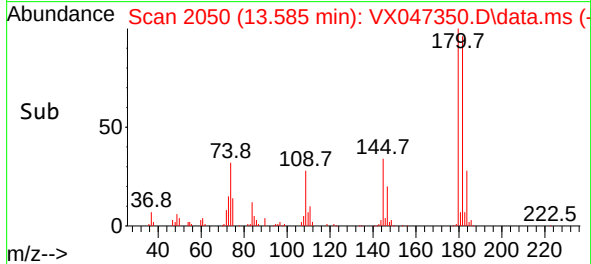
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



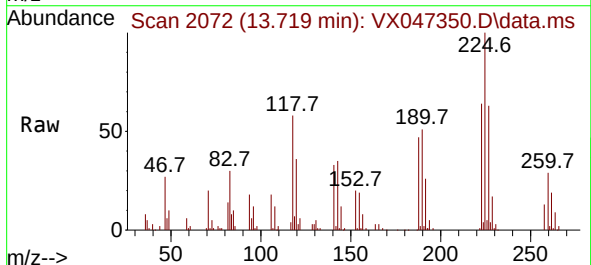
Tgt Ion:180 Resp: 91878
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.4
145 32.6 16.2 48.5

Manual Integrations
APPROVED

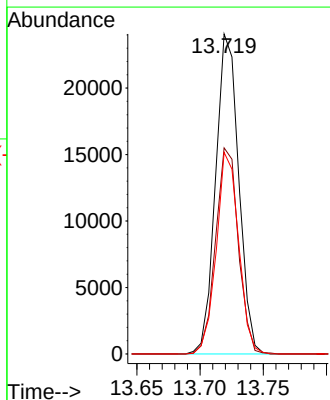
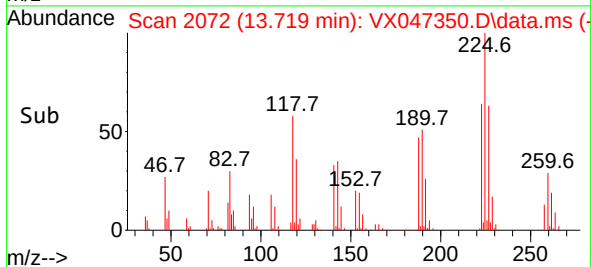
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

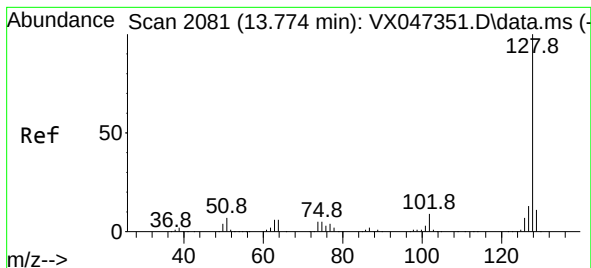


#94
Hexachlorobutadiene
Concen: 18.738 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



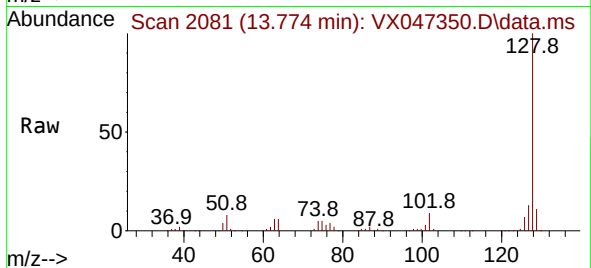
Tgt Ion:225 Resp: 30481
Ion Ratio Lower Upper
225 100
223 63.5 32.2 96.6
227 60.9 31.6 95.0





#95
Naphthalene
Concen: 20.495 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01

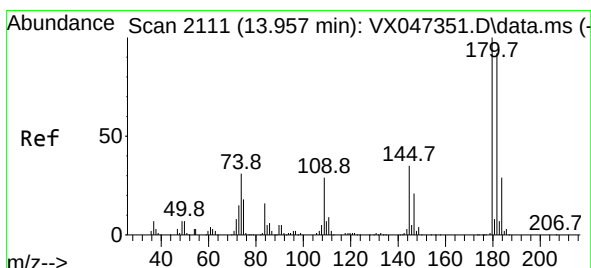
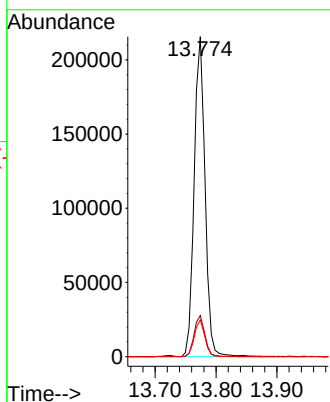
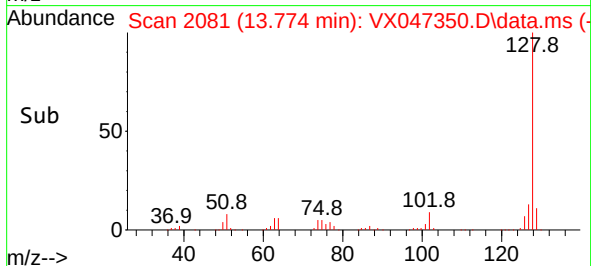
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



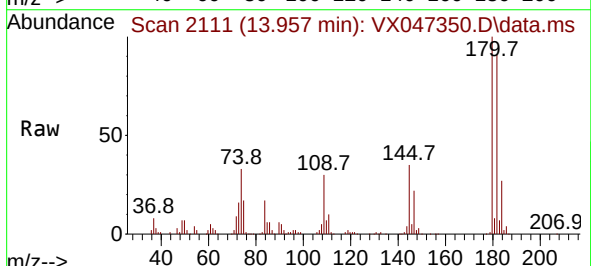
Tgt Ion:128 Resp: 267664
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.261 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047350.D
Acq: 15 Aug 2025 10:01



Tgt Ion:180 Resp: 87275
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 34.6 17.4 52.2

