

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047349.D
 Acq On : 15 Aug 2025 09:40
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 18 02:52:16 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	281608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	479446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	19963	5.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.140%#		
35) Dibromofluoromethane	5.397	113	14862	4.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.560%#		
50) Toluene-d8	8.653	98	55469	4.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	11.079	95	21138	5.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	15718	4.378	ug/l	97
3) Chloromethane	1.313	50	15170	4.697	ug/l	92
4) Vinyl Chloride	1.392	62	18322	4.520	ug/l	94
5) Bromomethane	1.624	94	7076	4.322	ug/l	94
6) Chloroethane	1.709	64	11042	4.452	ug/l	96
7) Trichlorofluoromethane	1.904	101	28485	4.751	ug/l	93
8) Diethyl Ether	2.148	74	9891	4.685	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	16582	4.768	ug/l	99
10) Methyl Iodide	2.471	142	23080	3.872	ug/l	97
11) Tert butyl alcohol	2.965	59	7340	21.408	ug/l #	89
12) 1,1-Dichloroethene	2.337	96	16204	4.570	ug/l	92
13) Acrolein	2.252	56	18274	25.248	ug/l	97
14) Allyl chloride	2.678	41	28797	4.676	ug/l	100
15) Acrylonitrile	3.087	53	36613	22.099	ug/l	97
16) Acetone	2.392	43	36440	24.598	ug/l	94
17) Carbon Disulfide	2.532	76	49197	4.598	ug/l	99
18) Methyl Acetate	2.721	43	17456	4.547	ug/l	93
19) Methyl tert-butyl Ether	3.130	73	49799	4.617	ug/l	100
20) Methylene Chloride	2.806	84	18175	4.633	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	17974	4.776	ug/l	88
22) Diisopropyl ether	3.776	45	57311	4.708	ug/l	96
23) Vinyl Acetate	3.739	43	224747	22.525	ug/l	100
24) 1,1-Dichloroethane	3.623	63	33241	4.831	ug/l	99
25) 2-Butanone	4.581	43	46235	23.830	ug/l	97
26) 2,2-Dichloropropane	4.489	77	24325	4.684	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	21338	4.868	ug/l	96
28) Bromochloromethane	4.916	49	15283	5.338	ug/l	98
29) Tetrahydrofuran	5.038	42	28938m	23.076	ug/l	
30) Chloroform	5.105	83	34798	4.955	ug/l	97
31) Cyclohexane	5.483	56	28847	4.548	ug/l	91
32) 1,1,1-Trichloroethane	5.404	97	29367	4.859	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22796	4.641	ug/l	96
37) Ethyl Acetate	4.739	43	23521	4.613	ug/l	99
38) Carbon Tetrachloride	5.690	117	25718	4.791	ug/l	96
39) Methylcyclohexane	7.385	83	28242	4.609	ug/l	98
40) Benzene	6.050	78	72021	4.899	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 02:52:16 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	9185	4.271	ug/l #	91
42) 1,2-Dichloroethane	6.099	62	24979	4.796	ug/l	99
43) Isopropyl Acetate	6.361	43	31621	4.316	ug/l	97
44) Trichloroethene	7.135	130	18386	4.884	ug/l	99
45) 1,2-Dichloropropane	7.434	63	16729	4.542	ug/l	95
46) Dibromomethane	7.592	93	13062	4.885	ug/l	97
47) Bromodichloromethane	7.824	83	26280	4.741	ug/l	95
48) Methyl methacrylate	7.702	41	16053	4.222	ug/l	99
49) 1,4-Dioxane	7.696	88	3959m	109.635	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	97891	23.221	ug/l	97
52) Toluene	8.720	92	44099	4.854	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	21300	4.403	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	25475	4.652	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	17150	4.972	ug/l #	83
56) Ethyl methacrylate	9.122	69	22362	4.397	ug/l	97
57) 1,3-Dichloropropane	9.311	76	28336	4.821	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	45735	26.559	ug/l	98
59) 2-Hexanone	9.433	43	68164	23.375	ug/l	96
60) Dibromochloromethane	9.519	129	19760	4.820	ug/l	97
61) 1,2-Dibromoethane	9.610	107	17154	4.823	ug/l	97
64) Tetrachloroethene	9.275	164	15266	4.856	ug/l	91
65) Chlorobenzene	10.080	112	50559	4.896	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	16894	4.839	ug/l	96
67) Ethyl Benzene	10.195	91	84363	4.746	ug/l	98
68) m/p-Xylenes	10.299	106	62714	9.462	ug/l	97
69) o-Xylene	10.640	106	29488	4.623	ug/l	100
70) Styrene	10.653	104	51543	4.783	ug/l	98
71) Bromoform	10.799	173	12769	4.869	ug/l #	94
73) Isopropylbenzene	10.964	105	79512	4.533	ug/l	99
74) N-amyl acetate	10.842	43	27565	4.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	24139	4.687	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	19912m	4.843	ug/l	
77) Bromobenzene	11.195	156	20380	4.758	ug/l	96
78) n-propylbenzene	11.305	91	95550	4.561	ug/l	100
79) 2-Chlorotoluene	11.366	91	58544	4.623	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	65210	4.518	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1992	9.640	ug/l	87
82) 4-Chlorotoluene	11.451	91	70117	4.697	ug/l	98
83) tert-Butylbenzene	11.713	119	64267	4.463	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	67032	4.644	ug/l	98
85) sec-Butylbenzene	11.890	105	81375	4.559	ug/l	99
86) p-Isopropyltoluene	12.006	119	68849	4.559	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38531	4.709	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	40089	4.763	ug/l	93
89) n-Butylbenzene	12.329	91	62666	4.461	ug/l	99
90) Hexachloroethane	12.536	117	11325	4.274	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	36248	4.667	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4081	4.097	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	23080	4.432	ug/l	96
94) Hexachlorobutadiene	13.725	225	8221	4.436	ug/l	94
95) Naphthalene	13.774	128	60645	4.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	20611	4.199	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

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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

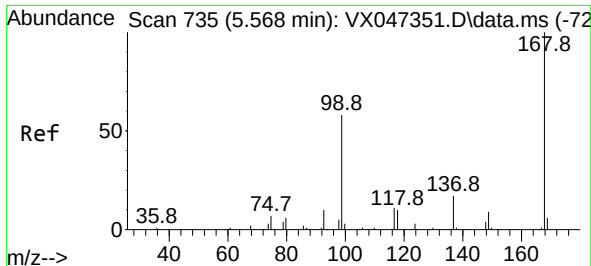
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

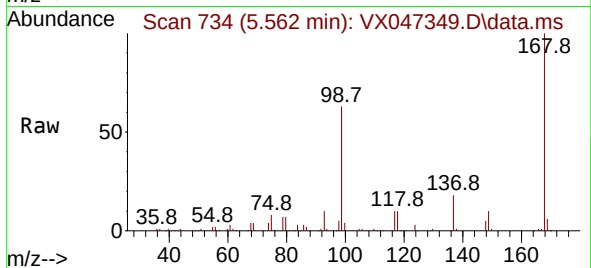
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

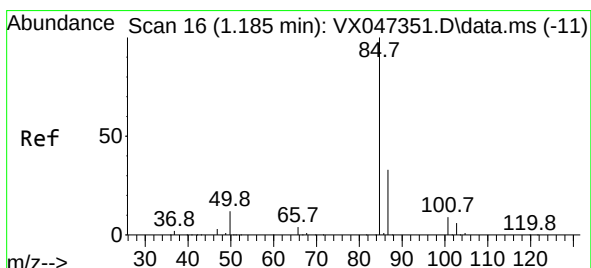
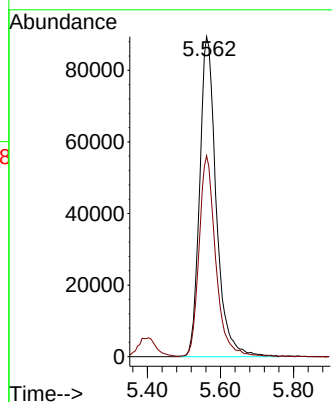
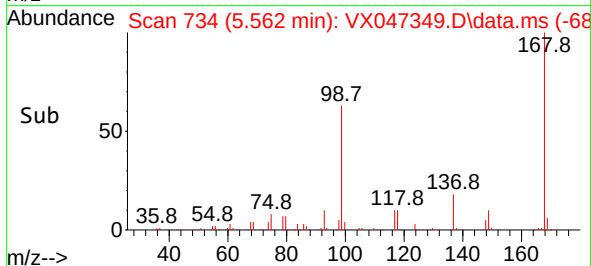
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 281608
Ion Ratio Lower Upper
168 100
99 62.6 47.9 71.9

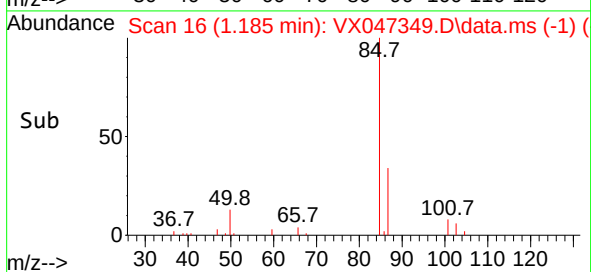
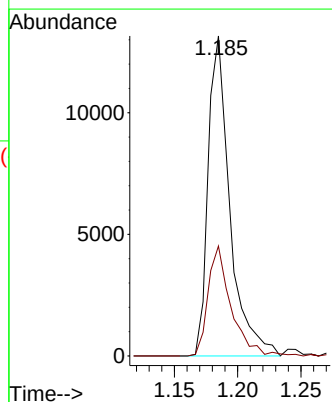
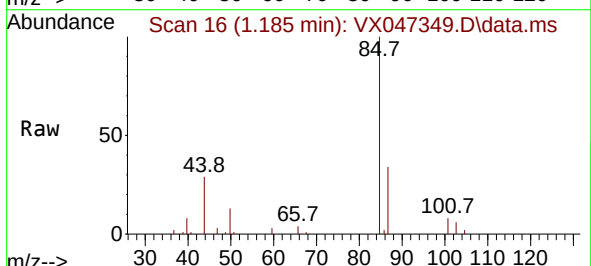
Manual Integrations
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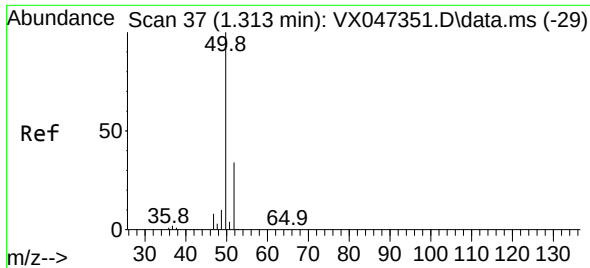
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 4.378 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

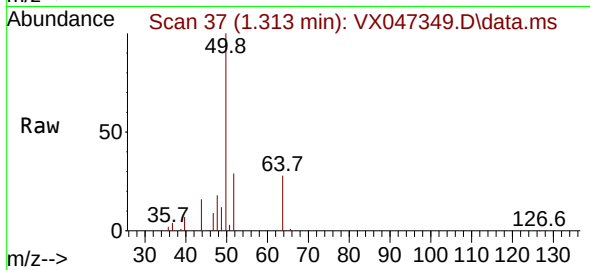
Tgt Ion: 85 Resp: 15718
Ion Ratio Lower Upper
85 100
87 34.4 16.4 49.1





#3
Chloromethane
Concen: 4.697 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

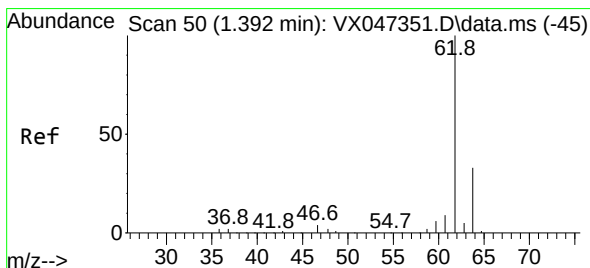
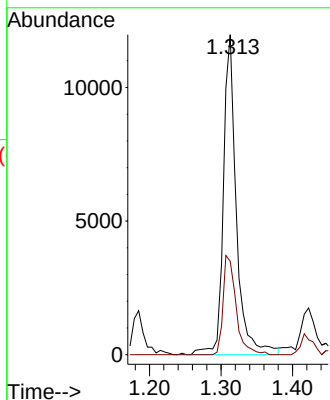
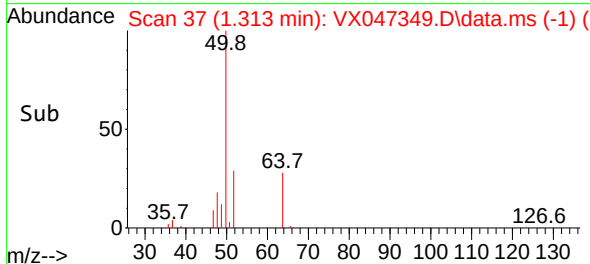
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 15170
Ion Ratio Lower Upper
50 100
52 29.2 27.0 40.4

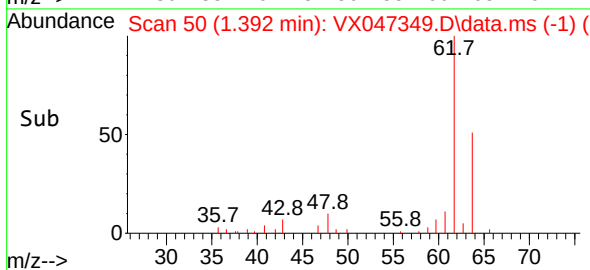
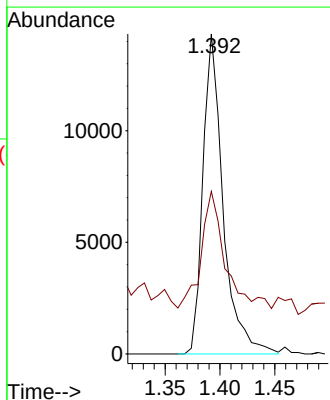
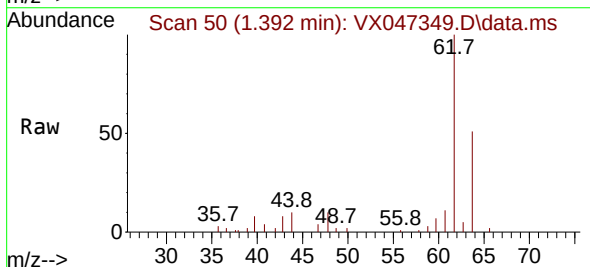
Manual Integrations
APPROVED

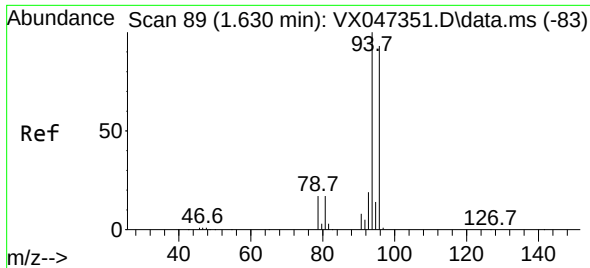
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#4
Vinyl Chloride
Concen: 4.520 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

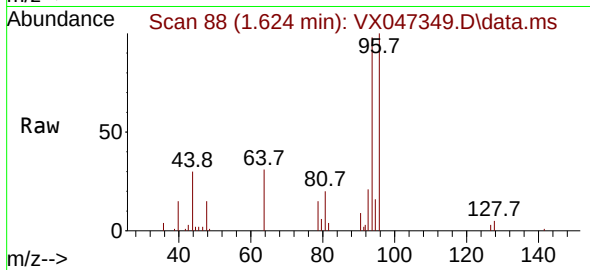
Tgt Ion: 62 Resp: 18322
Ion Ratio Lower Upper
62 100
64 36.4 26.5 39.7





#5
Bromomethane
Concen: 4.322 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

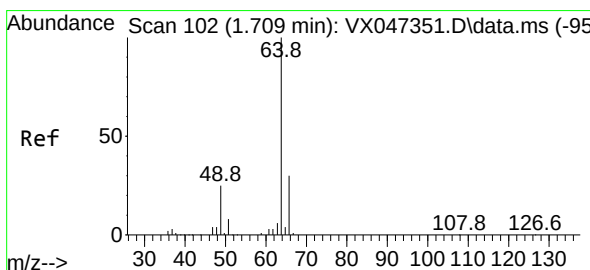
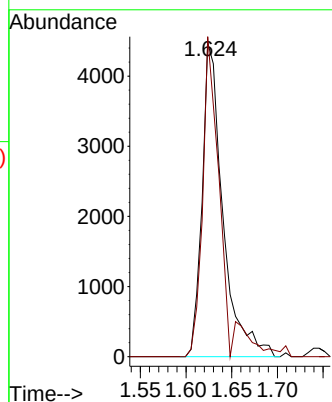
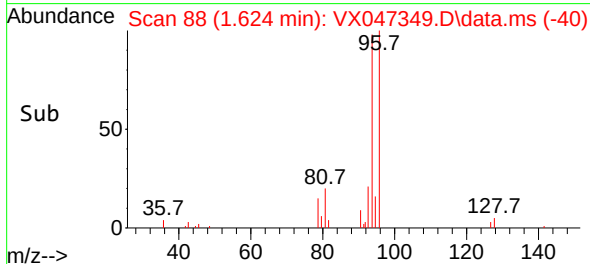
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 7070
Ion Ratio Lower Upper
94 100
96 87.8 74.7 112.1

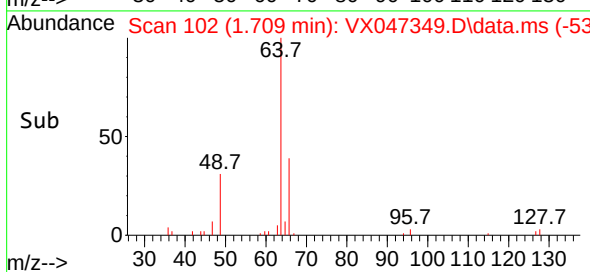
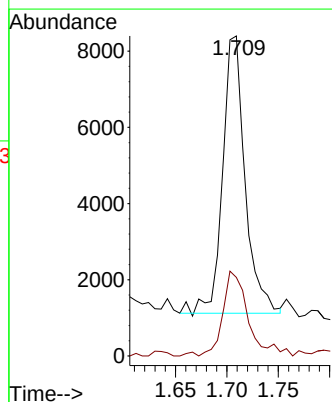
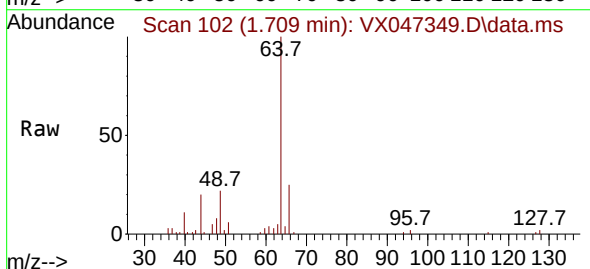
Manual Integrations
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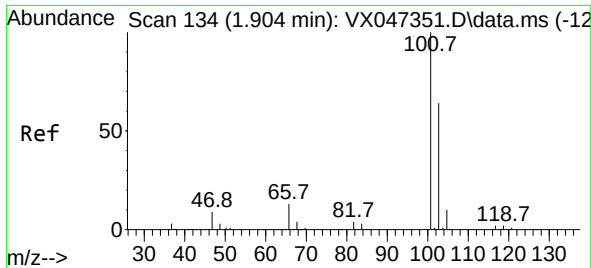
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#6
Chloroethane
Concen: 4.452 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

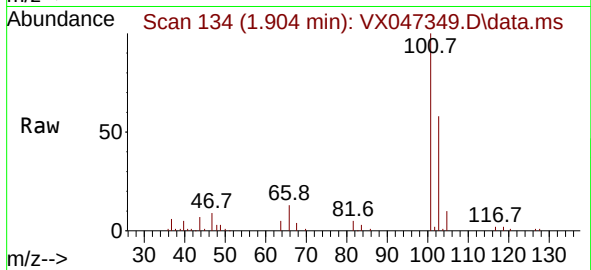
Tgt Ion: 64 Resp: 11042
Ion Ratio Lower Upper
64 100
66 28.4 24.4 36.6





#7
Trichlorofluoromethane
Concen: 4.751 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

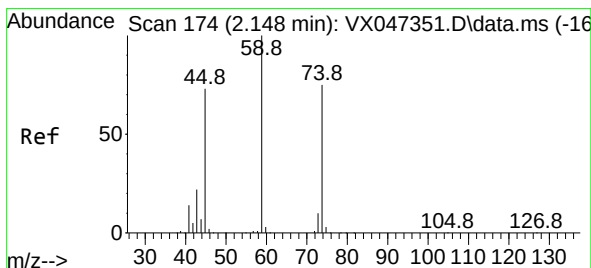
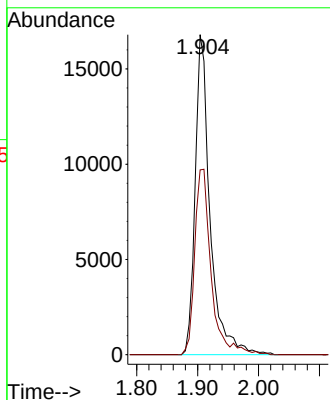
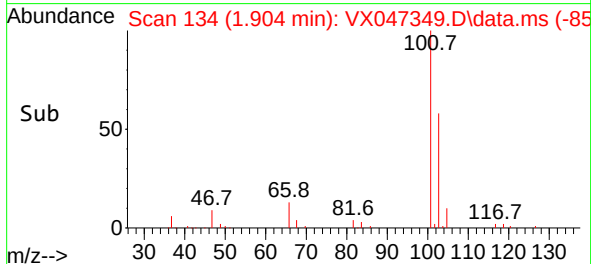
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 2848
Ion Ratio Lower Upper
101 100
103 57.8 50.9 76.3

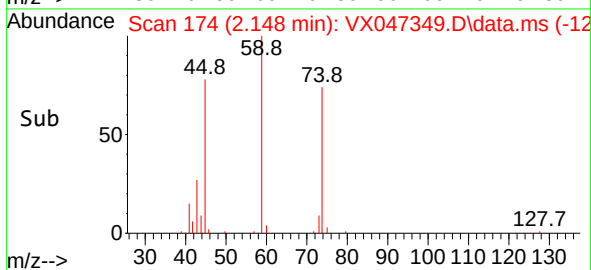
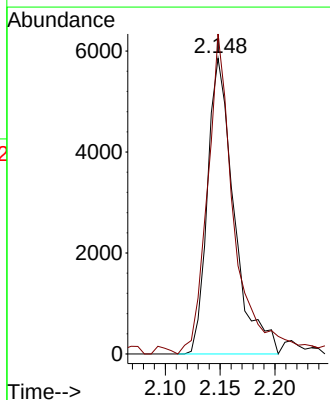
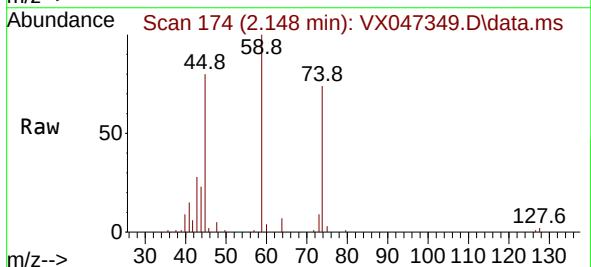
Manual Integrations
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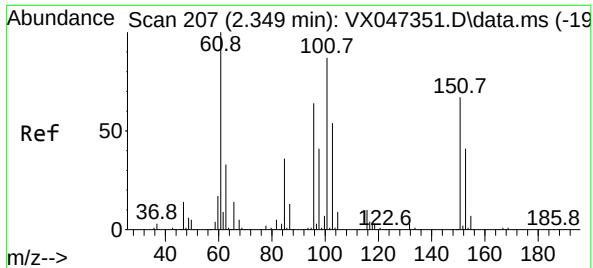
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#8
Diethyl Ether
Concen: 4.685 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

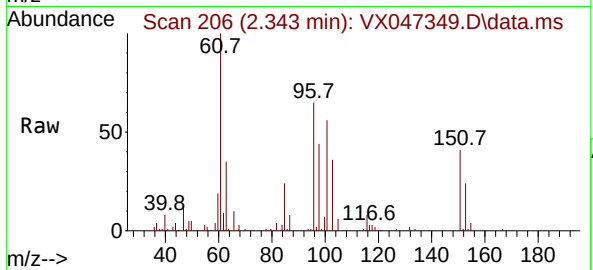
Tgt Ion: 74 Resp: 9891
Ion Ratio Lower Upper
74 100
45 111.2 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.768 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

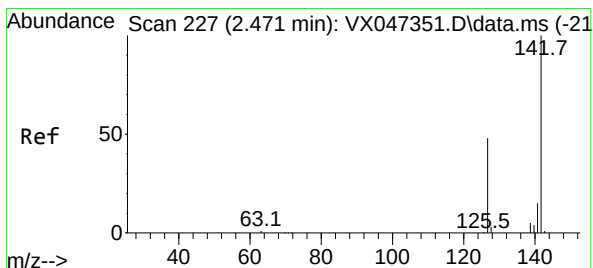
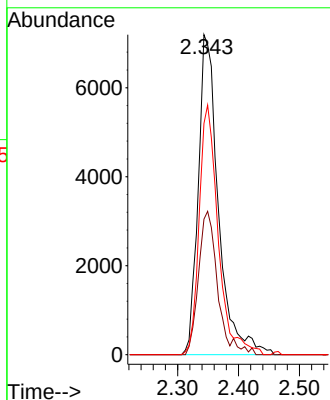
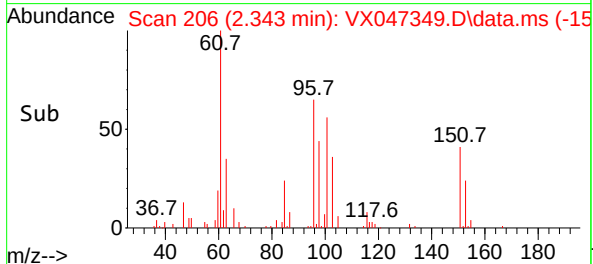
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 1658
Ion Ratio Lower Upper
101 100
85 42.4 34.3 51.5
151 73.3 59.2 88.8

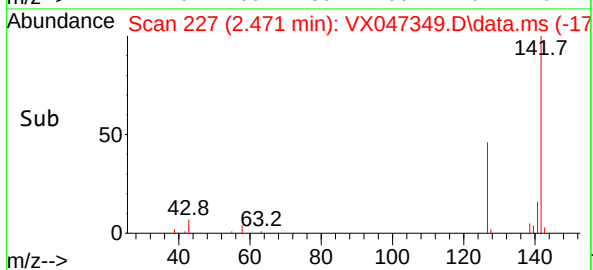
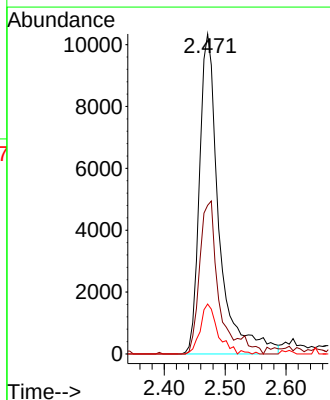
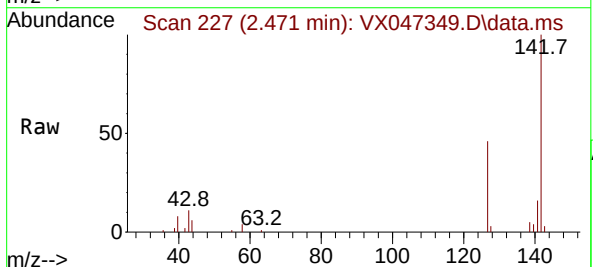
Manual Integrations
APPROVED

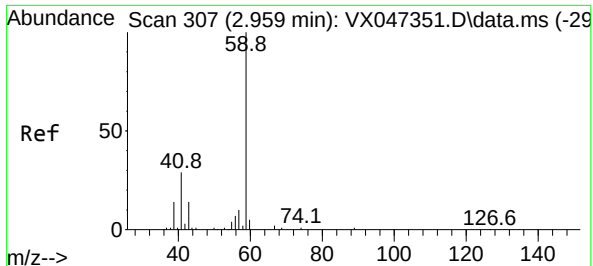
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 3.872 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:142 Resp: 23080
Ion Ratio Lower Upper
142 100
127 47.1 36.1 54.1
141 14.2 11.1 16.7





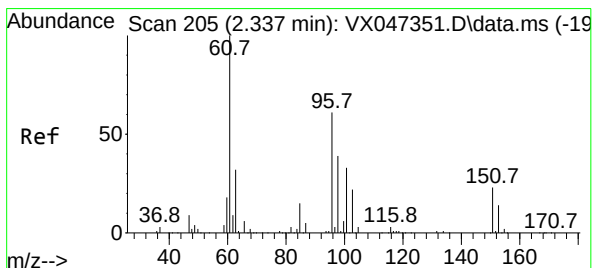
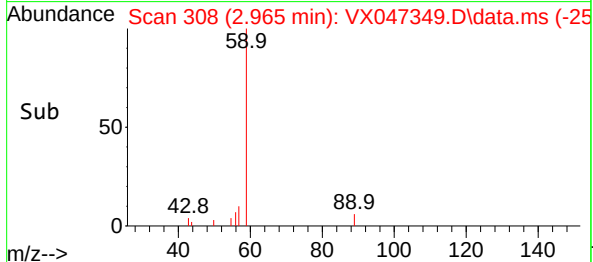
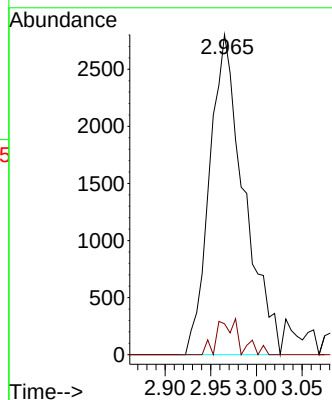
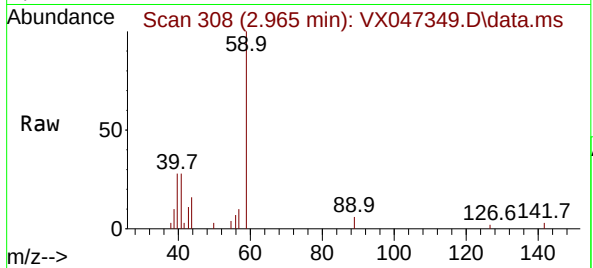
#11
Tert butyl alcohol
Concen: 21.408 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 7340
Ion Ratio Lower Upper
59 100
57 6.4 8.3 12.5

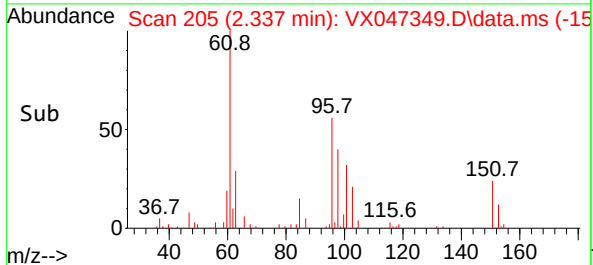
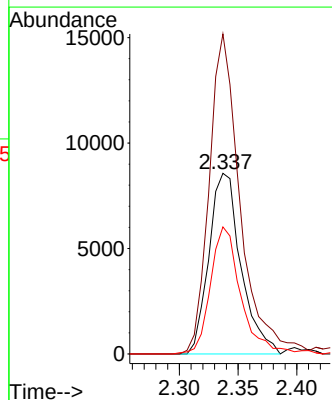
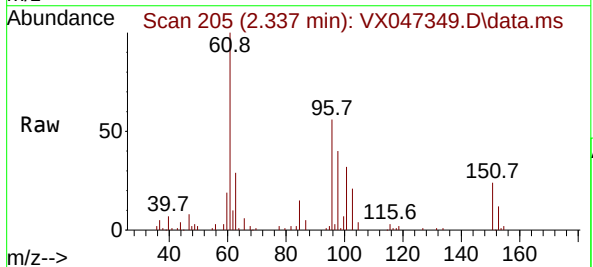
Manual Integrations
APPROVED

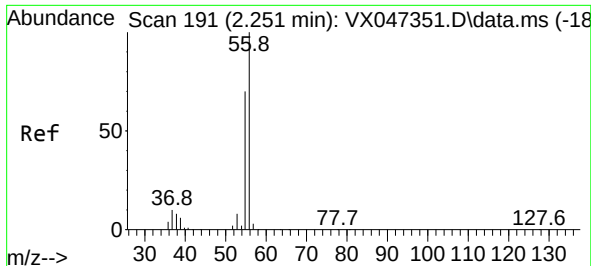
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 4.570 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

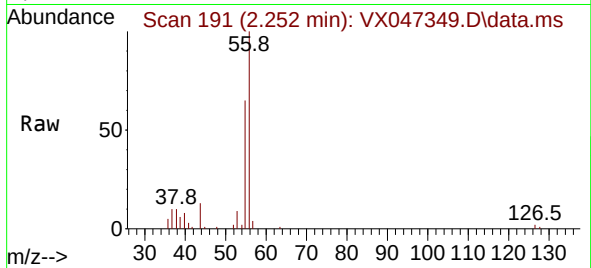
Tgt Ion: 96 Resp: 16204
Ion Ratio Lower Upper
96 100
61 177.1 132.2 198.2
98 69.6 51.2 76.8





#13
Acrolein
Concen: 25.248 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

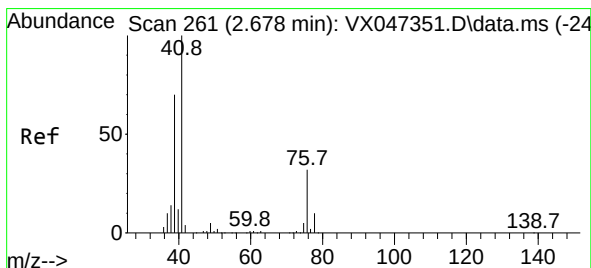
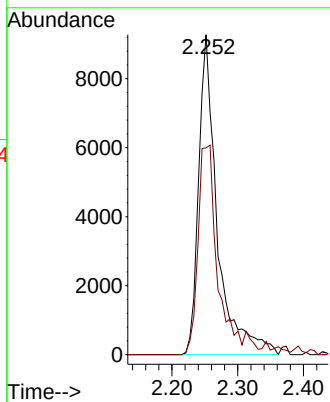
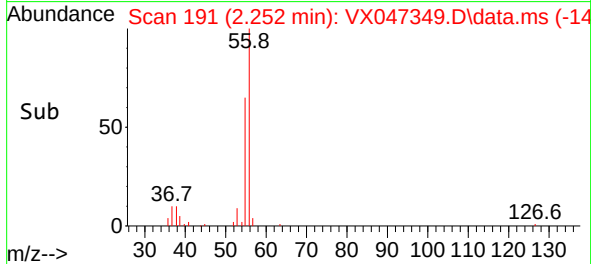
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 18274
Ion Ratio Lower Upper
56 100
55 66.8 55.5 83.3

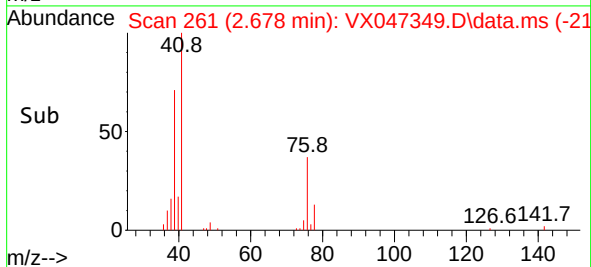
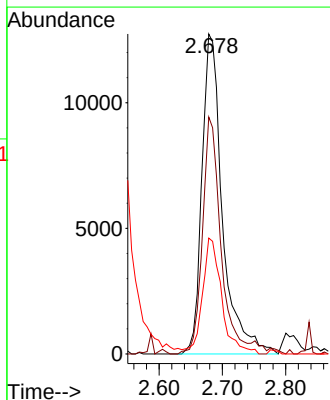
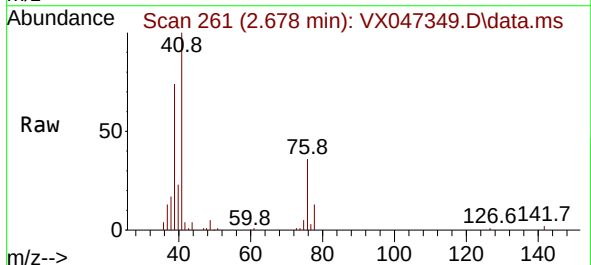
Manual Integrations
APPROVED

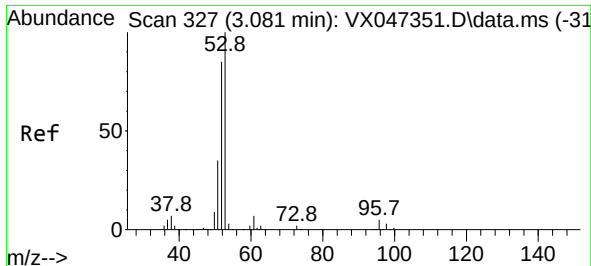
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 4.676 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 41 Resp: 28797
Ion Ratio Lower Upper
41 100
39 68.3 54.6 81.8
76 34.0 27.6 41.4





#15

Acrylonitrile

Concen: 22.099 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

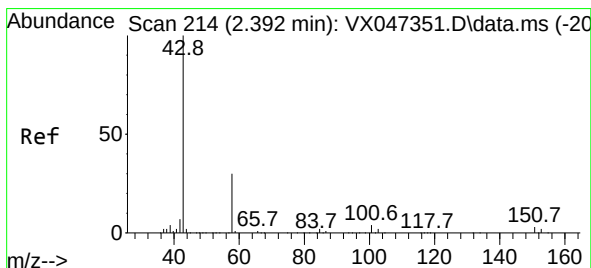
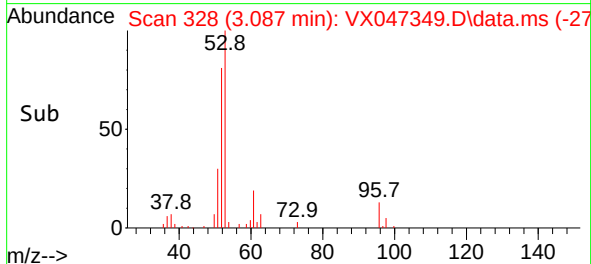
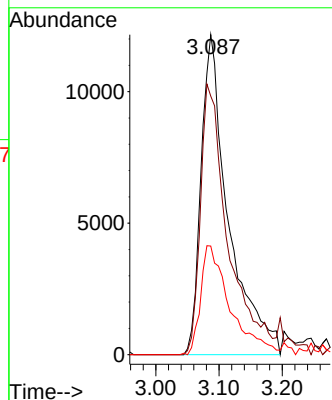
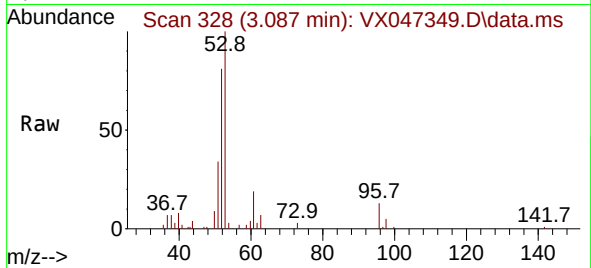
Tgt Ion: 53	Resp: 3661
Ion Ratio	Lower Upper
53	100
52	84.8 65.8 98.6
51	36.7 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#16

Acetone

Concen: 24.598 ug/l

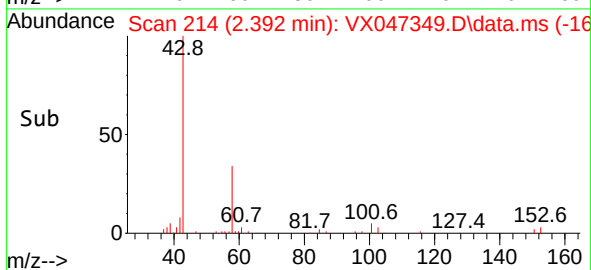
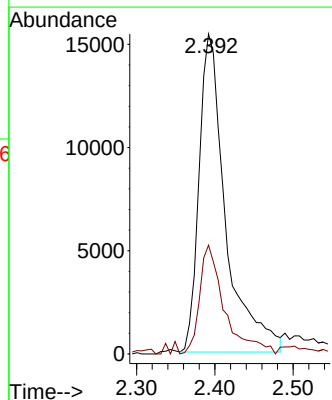
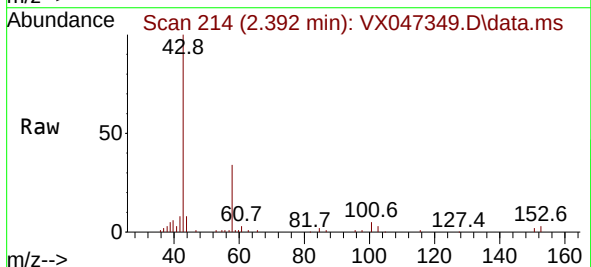
RT: 2.392 min Scan# 214

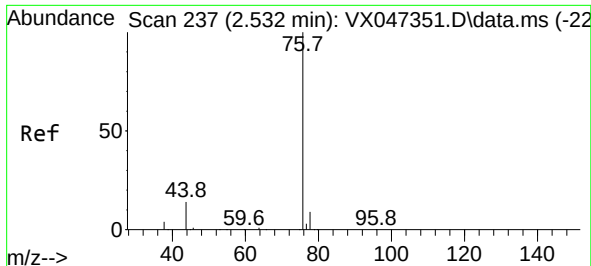
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Tgt Ion: 43	Resp: 36440
Ion Ratio	Lower Upper
43	100
58	34.2 24.8 37.2





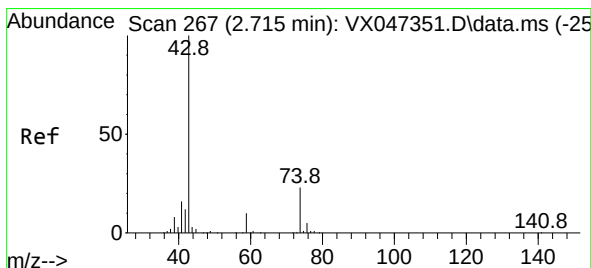
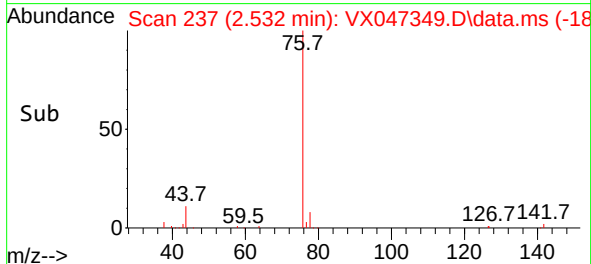
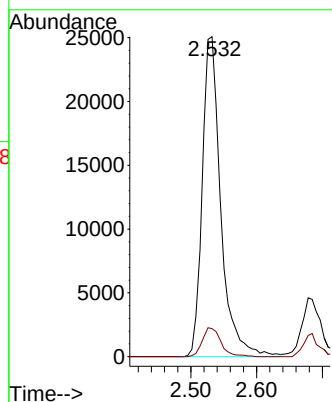
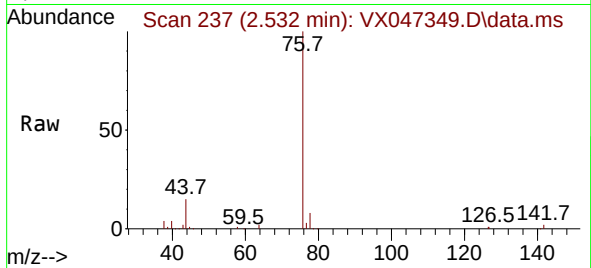
#17
Carbon Disulfide
Concen: 4.598 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 4919
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

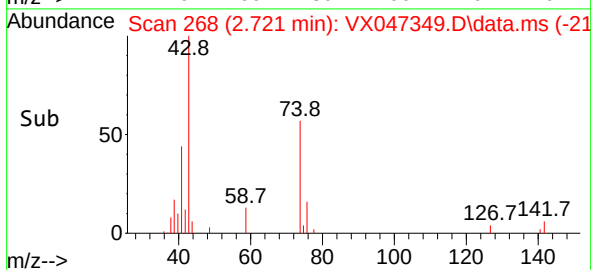
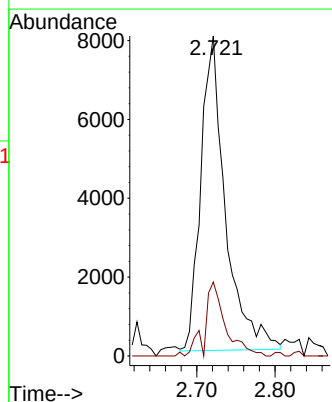
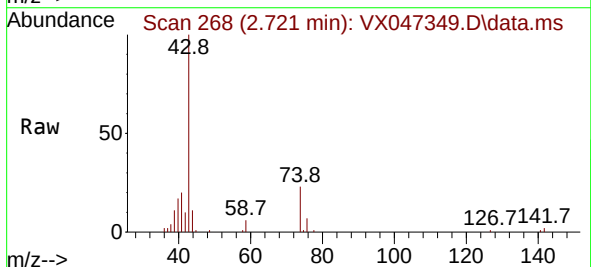
Manual Integrations
APPROVED

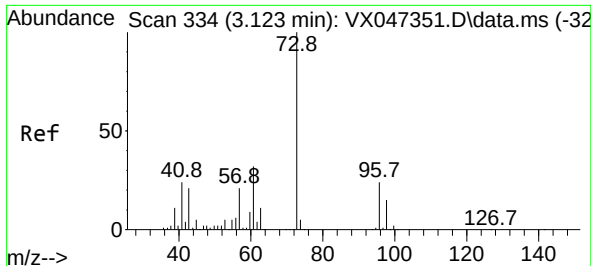
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 4.547 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 17456
Ion Ratio Lower Upper
43 100
74 19.6 18.4 27.6





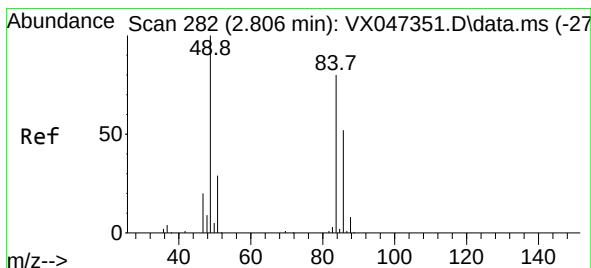
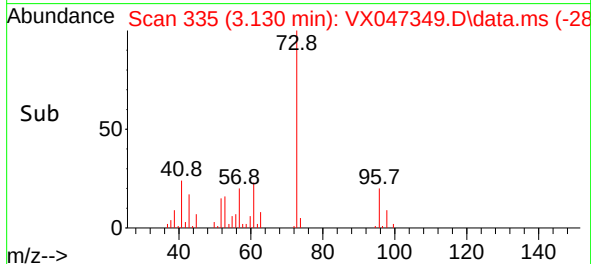
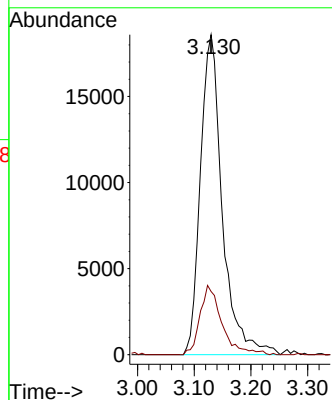
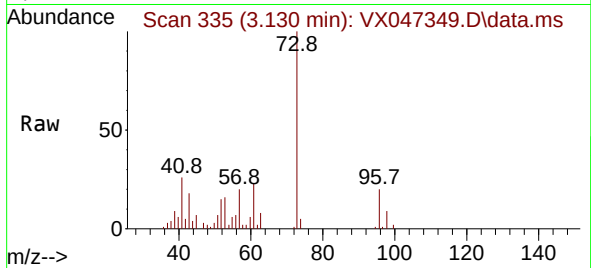
#19
Methyl tert-butyl Ether
Concen: 4.617 ug/l
RT: 3.130 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 49799
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

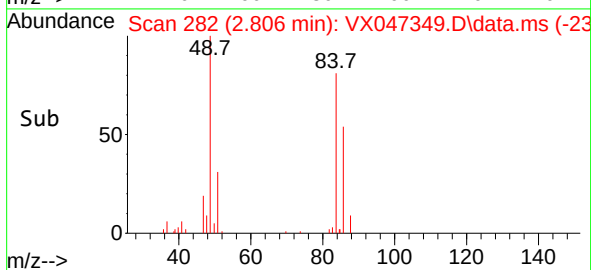
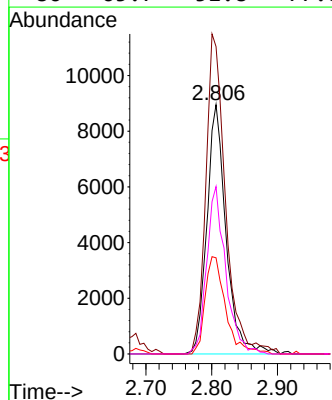
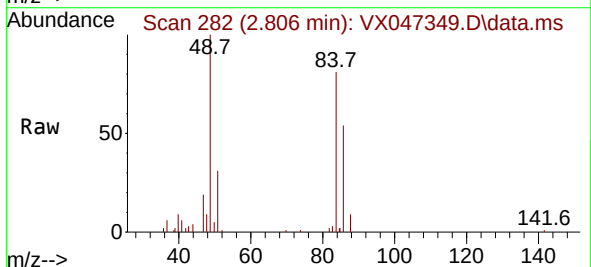
Manual Integrations
APPROVED

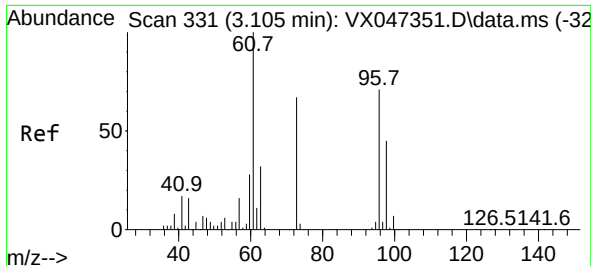
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 4.633 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

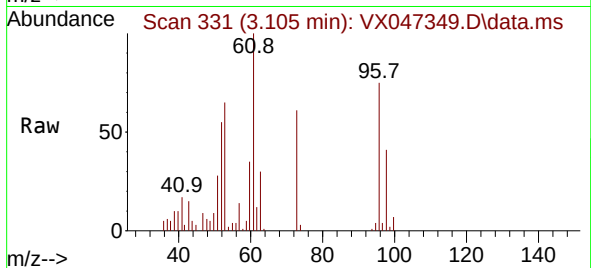
Tgt Ion: 84 Resp: 18175
Ion Ratio Lower Upper
84 100
49 120.7 100.1 150.1
51 37.7 29.5 44.3
86 65.7 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 4.776 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

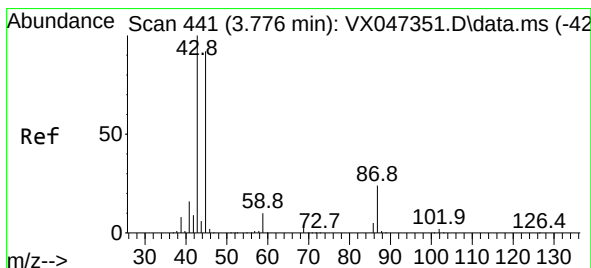
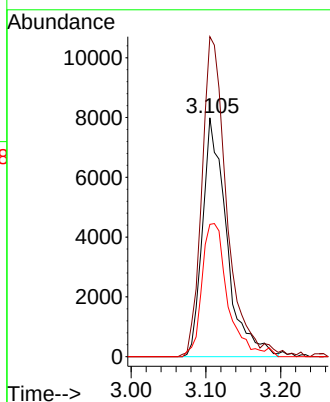
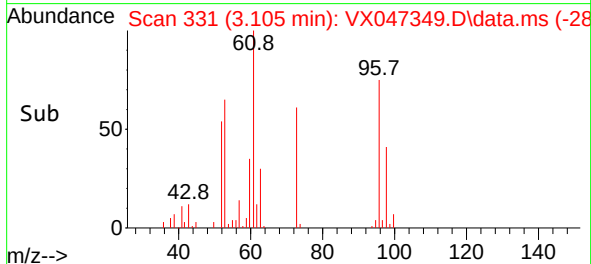
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 17974
Ion Ratio Lower Upper
96 100
61 127.0 112.6 169.0
98 52.5 50.9 76.3

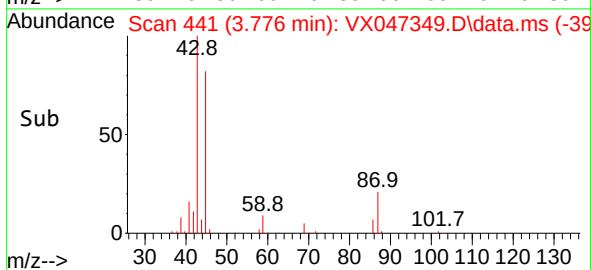
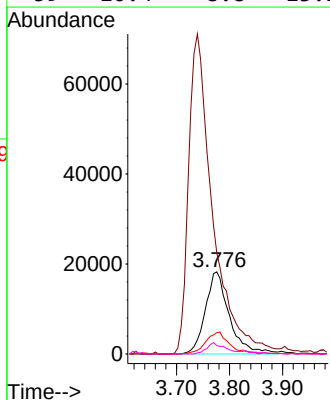
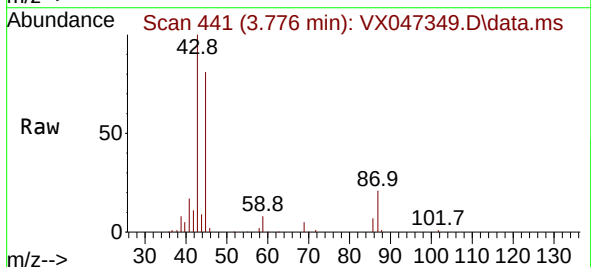
Manual Integrations
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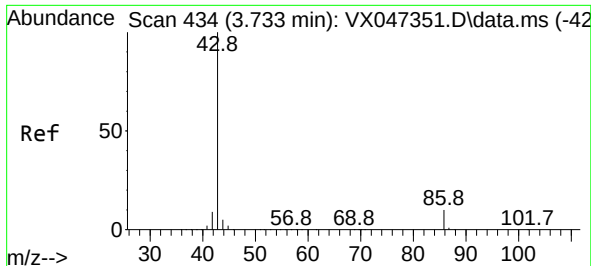
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 4.708 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 45 Resp: 57311
Ion Ratio Lower Upper
45 100
43 113.8 86.8 130.2
87 25.9 20.4 30.6
59 10.4 8.8 13.2





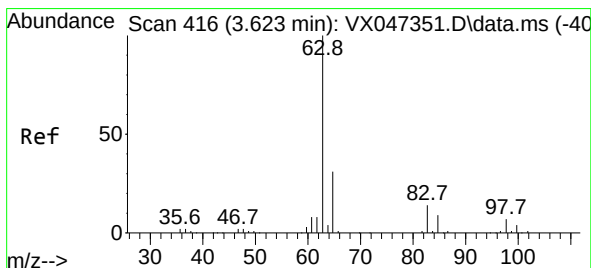
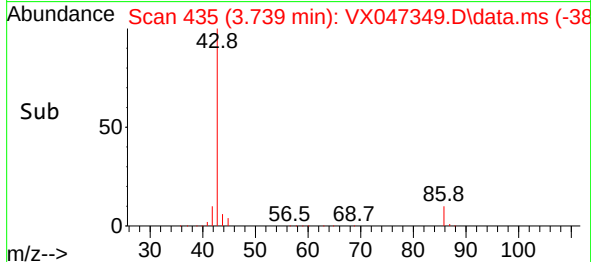
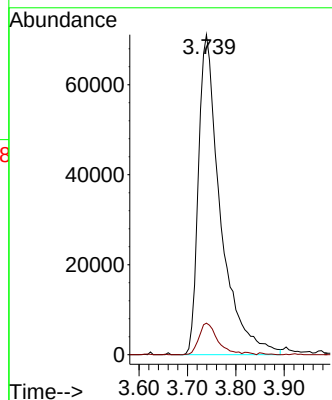
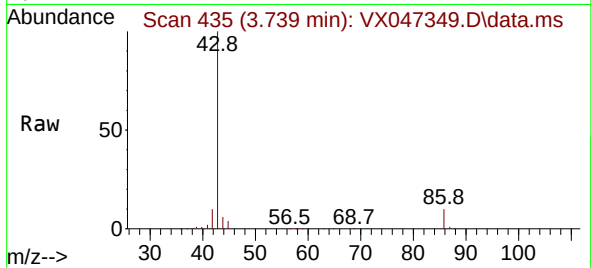
#23
 Vinyl Acetate
 Concen: 22.525 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047349.D
 Acq: 15 Aug 2025 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 22474
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

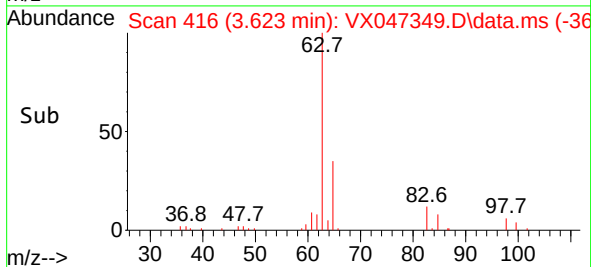
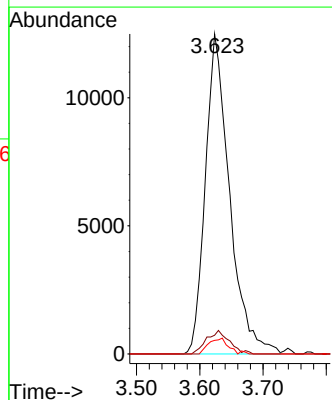
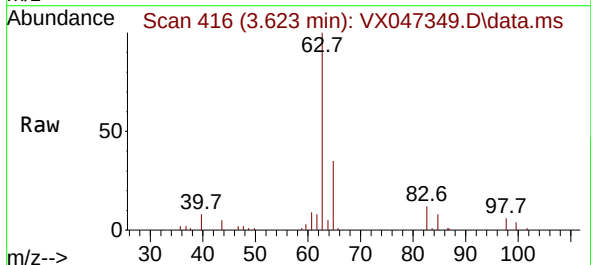
Manual Integrations
 APPROVED

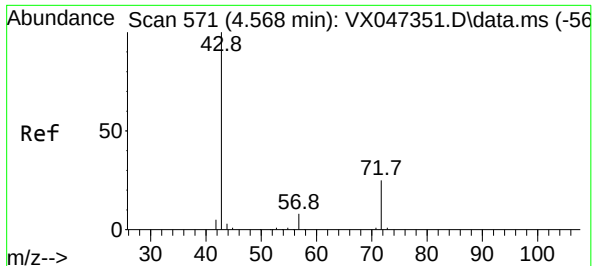
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 4.831 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047349.D
 Acq: 15 Aug 2025 09:40

Tgt Ion: 63 Resp: 33241
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 4.3 2.1 6.3





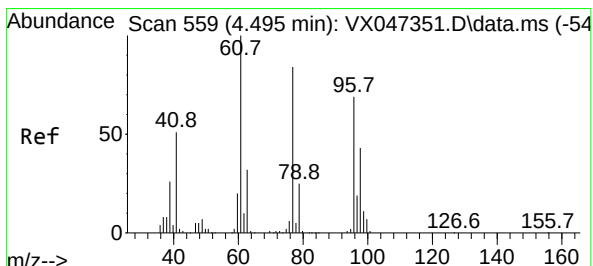
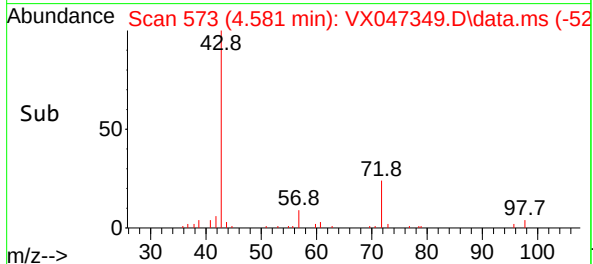
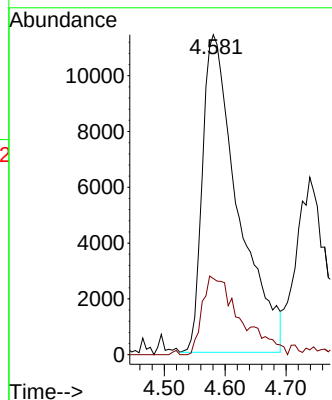
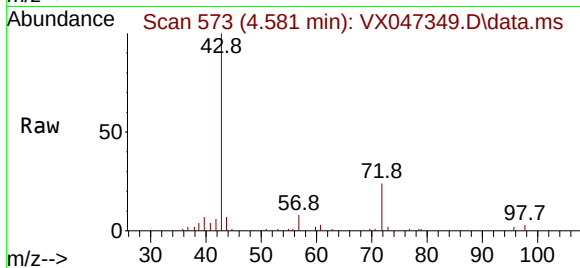
#25
2-Butanone
Concen: 23.830 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4623
Ion Ratio Lower Upper
43 100
72 23.1 19.8 29.8

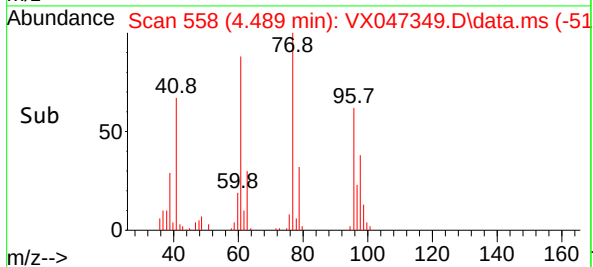
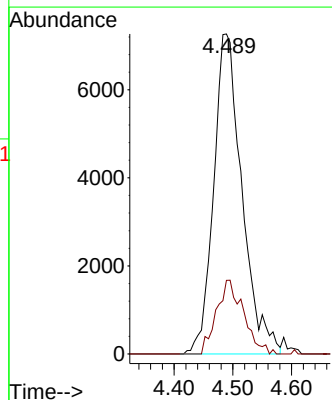
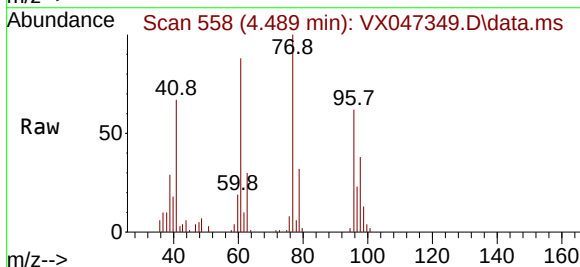
Manual Integrations
APPROVED

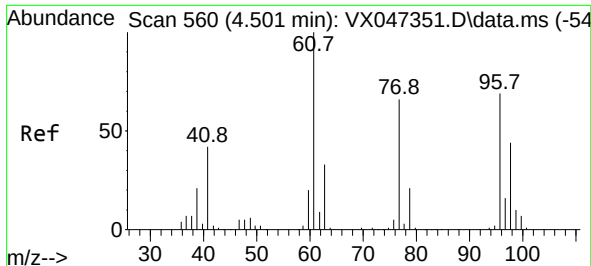
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 4.684 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 77 Resp: 24325
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.868 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 21338

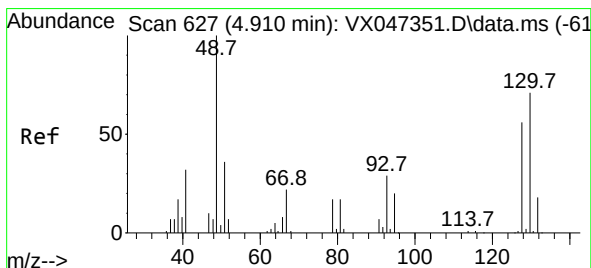
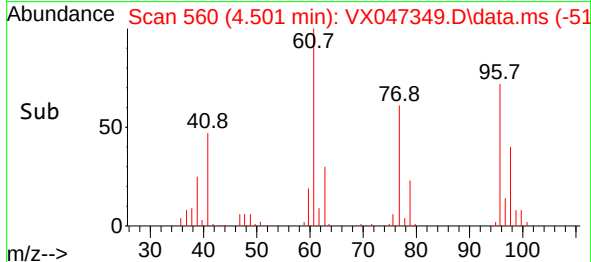
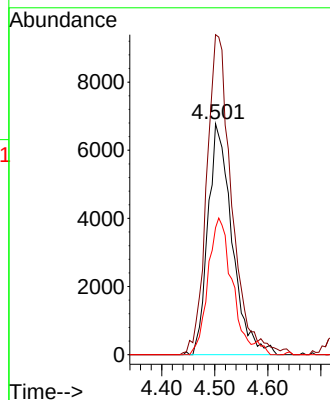
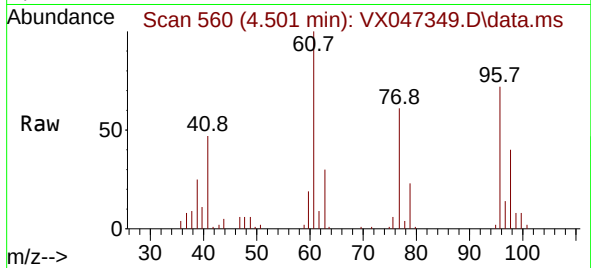
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	296.6
98	60.7	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 5.338 ug/l

RT: 4.916 min Scan# 628

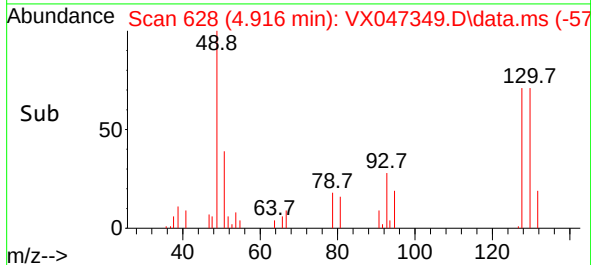
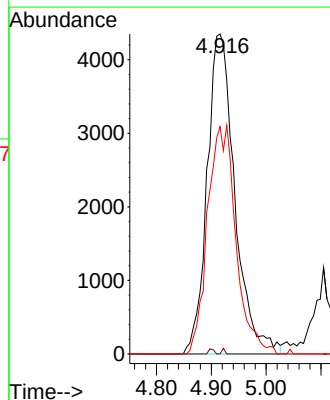
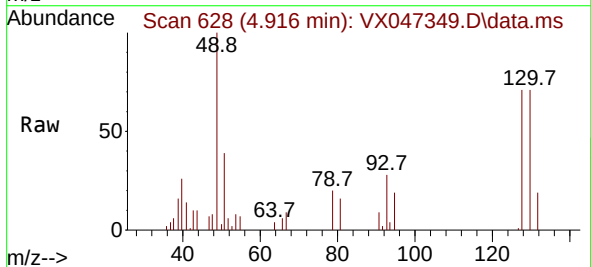
Delta R.T. 0.006 min

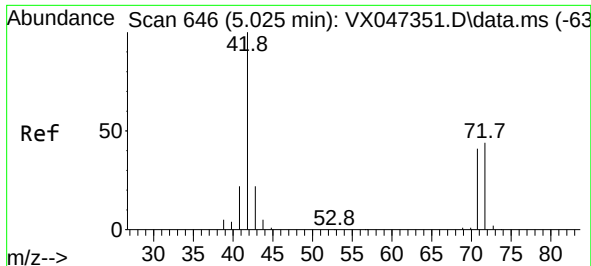
Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Tgt Ion: 49 Resp: 15283

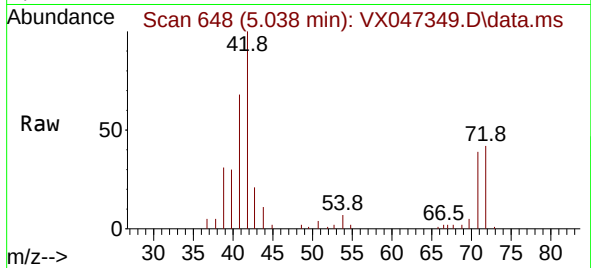
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.0
130	72.9	59.8	89.6





#29
Tetrahydrofuran
Concen: 23.076 ug/l m
RT: 5.038 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

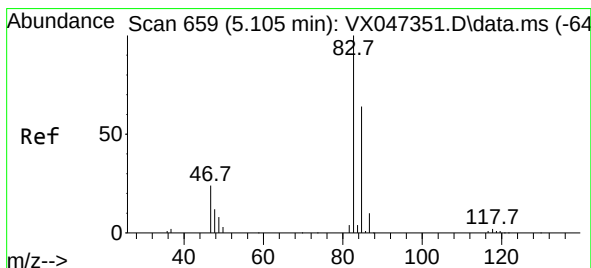
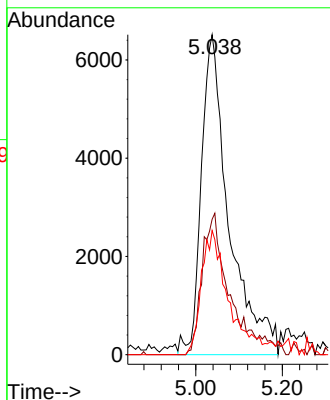
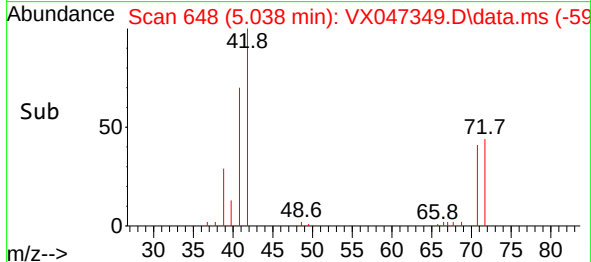
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 42 Resp: 28938
Ion Ratio Lower Upper
42 100
72 41.4 34.6 51.8
71 38.1 32.6 49.0

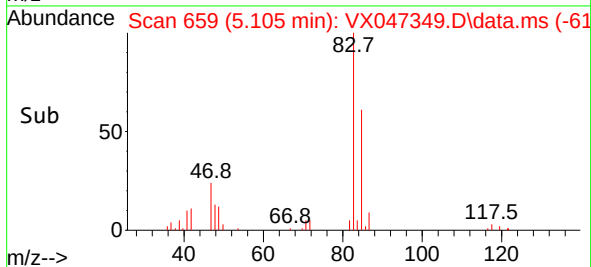
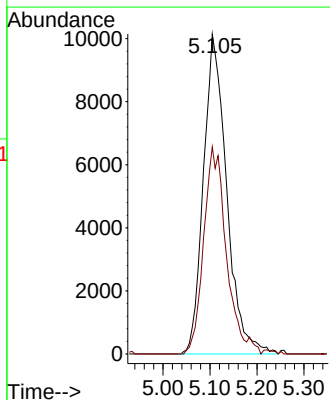
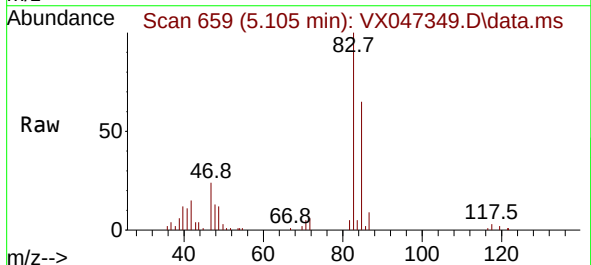
Manual Integrations
APPROVED

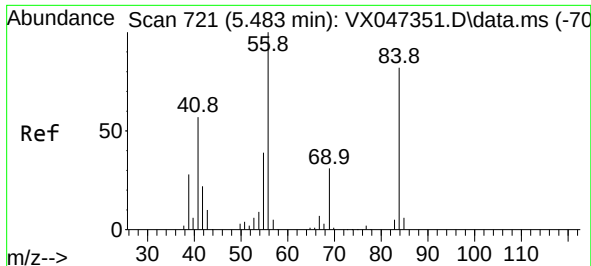
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#30
Chloroform
Concen: 4.955 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

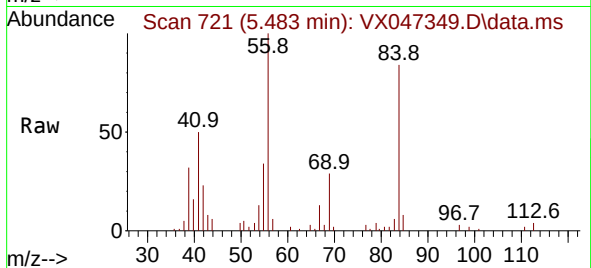
Tgt Ion: 83 Resp: 34798
Ion Ratio Lower Upper
83 100
85 61.9 51.2 76.8





#31
Cyclohexane
Concen: 4.548 ug/l
RT: 5.483 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

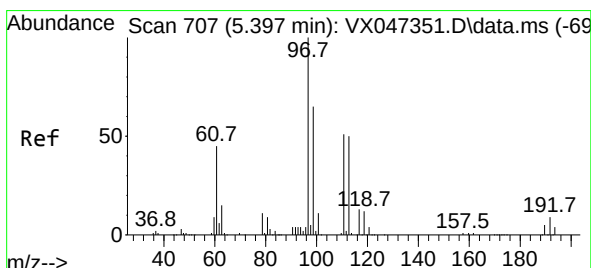
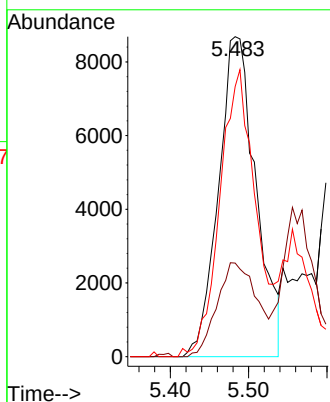
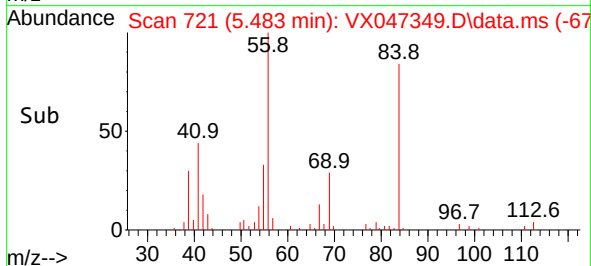
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 2884
Ion Ratio Lower Upper
56 100
69 29.2 24.3 36.5
84 92.0 65.3 97.9

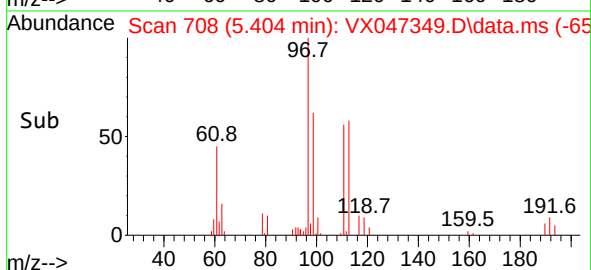
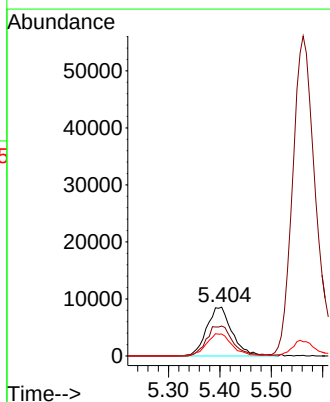
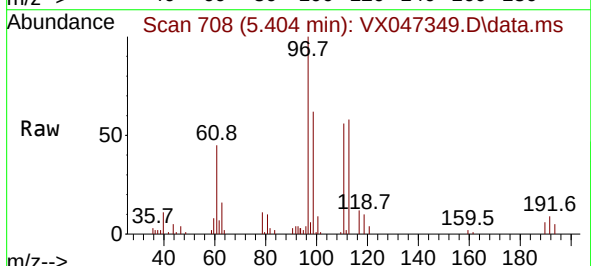
Manual Integrations
APPROVED

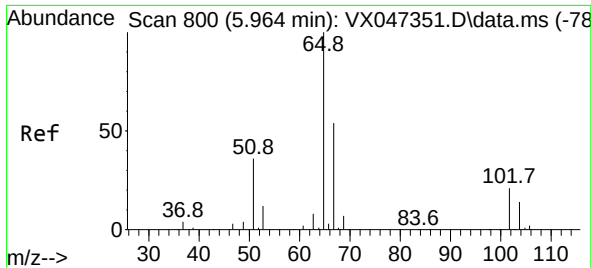
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 97 Resp: 29367
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.0
61 45.2 35.7 53.5





#33
 1,2-Dichloroethane-d4
 Concen: 5.065 ug/l
 RT: 5.971 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047349.D
 Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

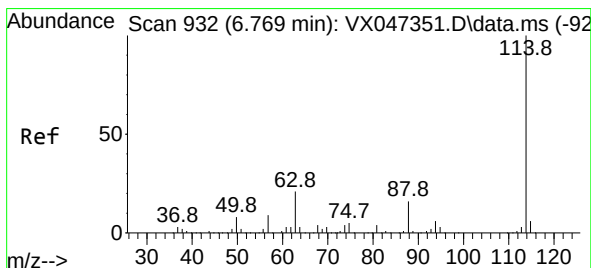
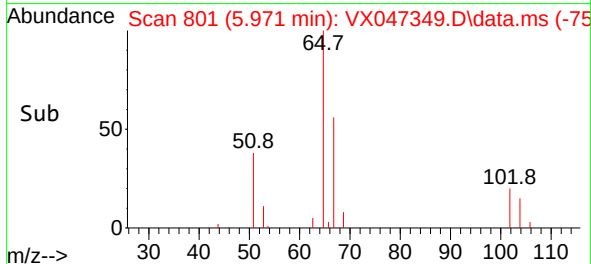
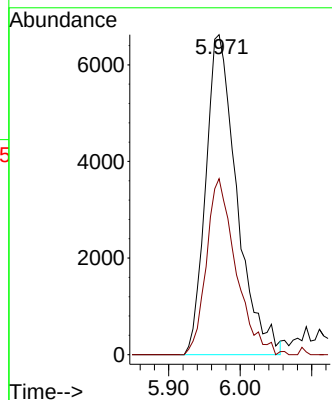
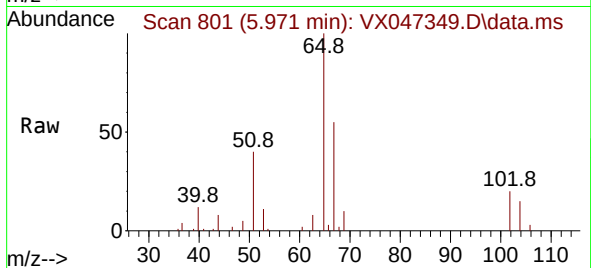
VSTDIC005

Tgt Ion: 65 Resp: 1996
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0

Manual Integrations

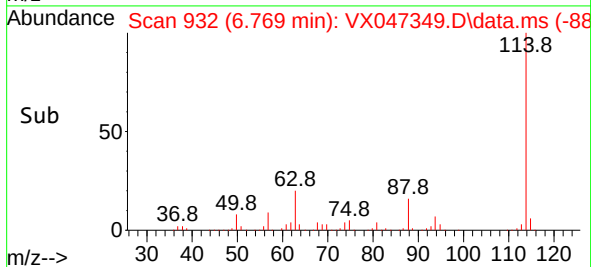
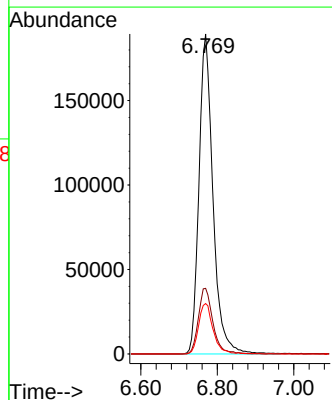
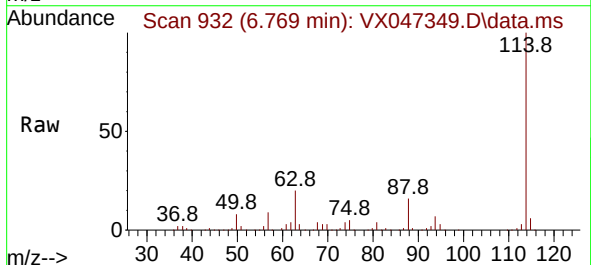
APPROVED

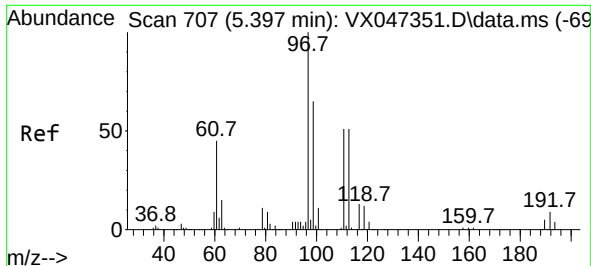
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047349.D
 Acq: 15 Aug 2025 09:40

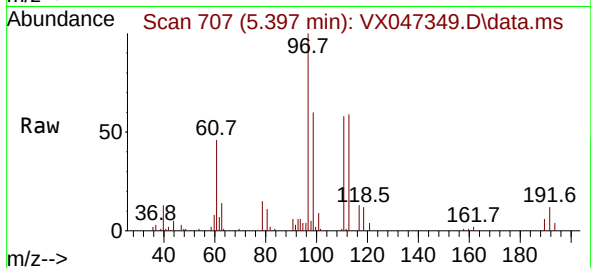
Tgt Ion:114 Resp: 479446
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 42.4
 88 15.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 4.776 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

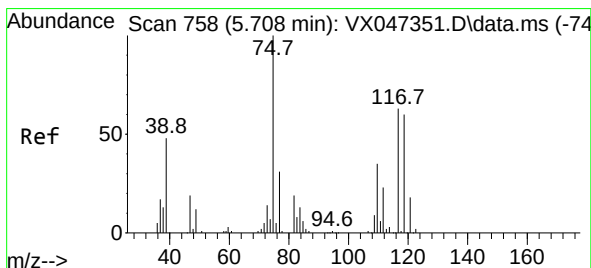
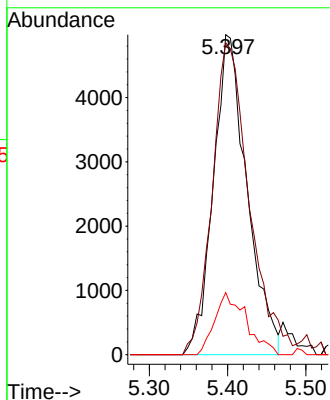
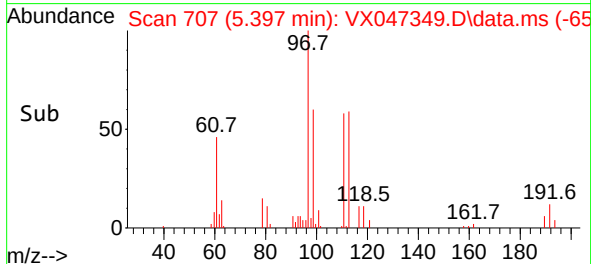
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:113 Resp: 1486
Ion Ratio Lower Upper
113 100
111 106.7 81.4 122.2
192 18.2 14.1 21.1

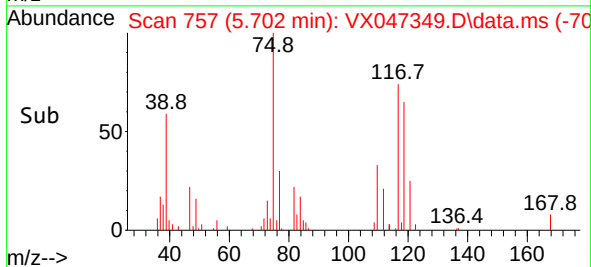
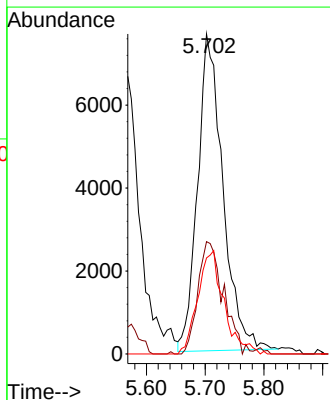
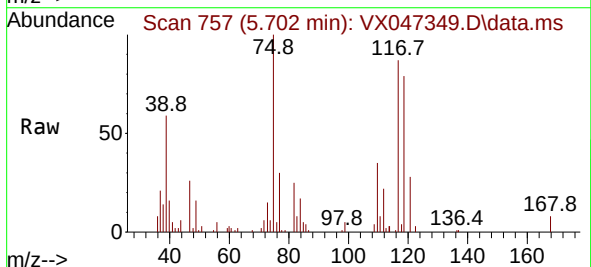
Manual Integrations
APPROVED

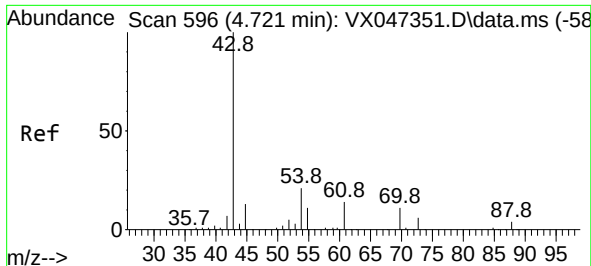
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 75 Resp: 22796
Ion Ratio Lower Upper
75 100
110 36.1 17.4 52.2
77 33.8 24.4 36.6





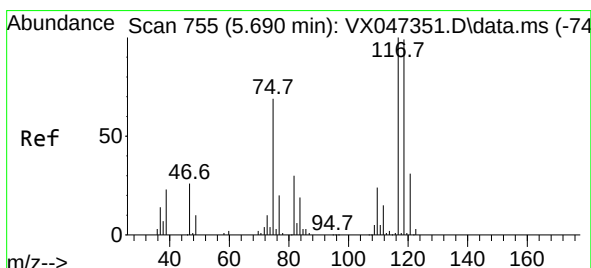
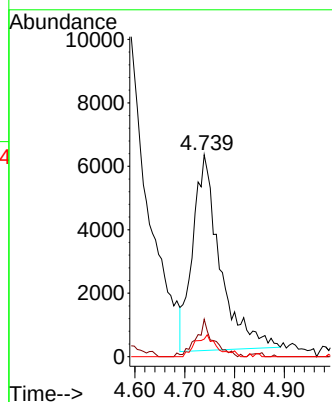
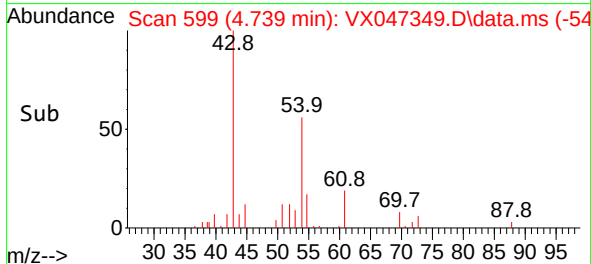
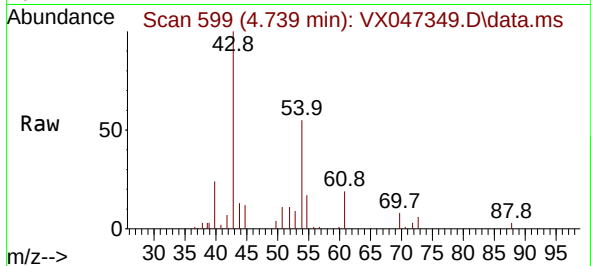
#37
Ethyl Acetate
Concen: 4.613 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.019 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
61 12.2 9.4 14.2
70 8.9 7.0 10.6

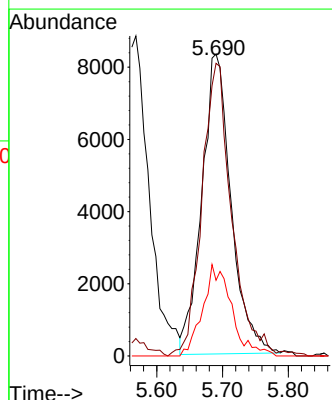
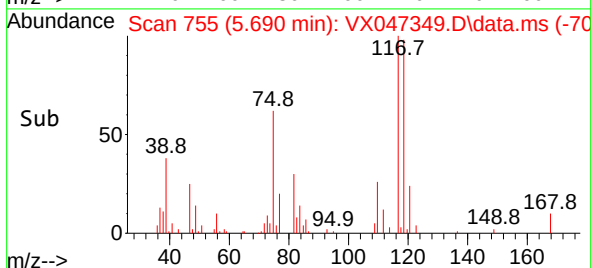
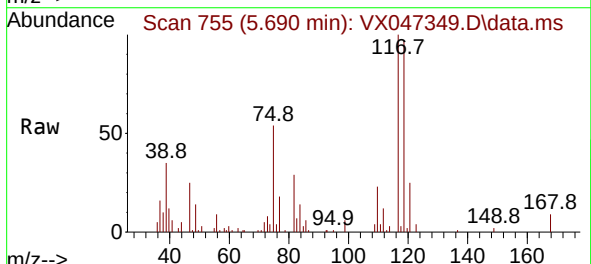
Manual Integrations
APPROVED

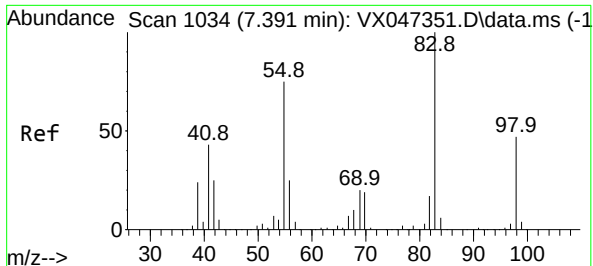
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 4.791 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:117 Resp: 25718
Ion Ratio Lower Upper
117 100
119 96.4 78.5 117.7
121 25.3 24.7 37.1





#39

Methylcyclohexane

Concen: 4.609 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

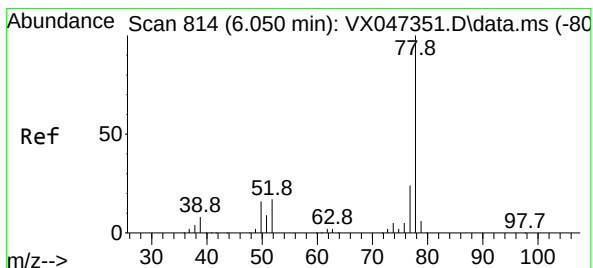
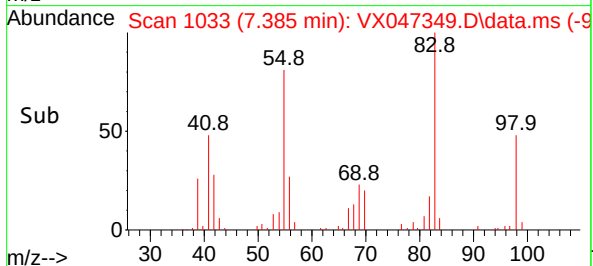
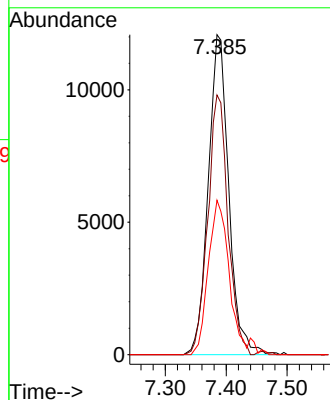
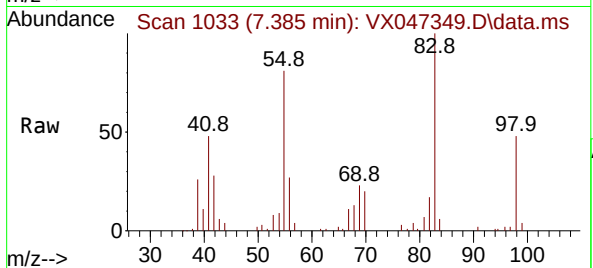
Tgt Ion:	83	Resp:	2824
Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.0	90.0
98	45.5	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 4.899 ug/l

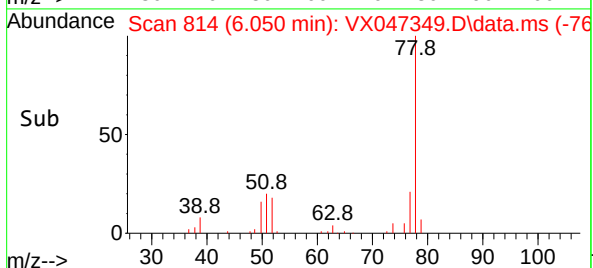
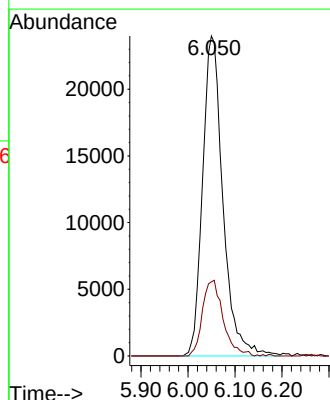
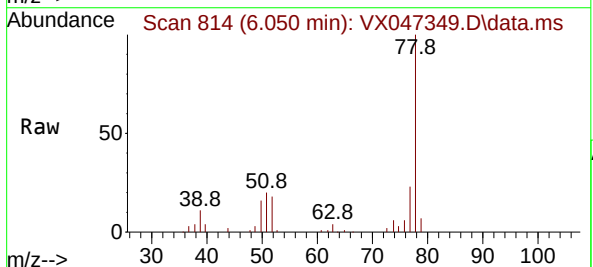
RT: 6.050 min Scan# 814

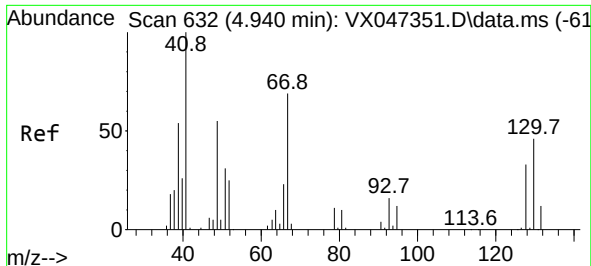
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

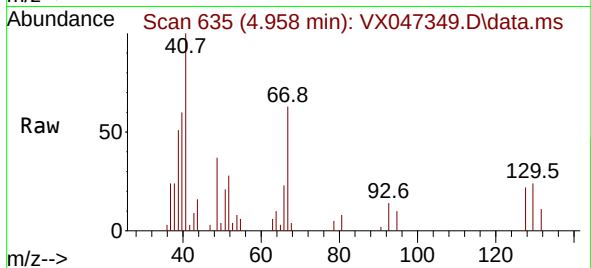
Tgt Ion:	78	Resp:	72021
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41
Methacrylonitrile
Concen: 4.271 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

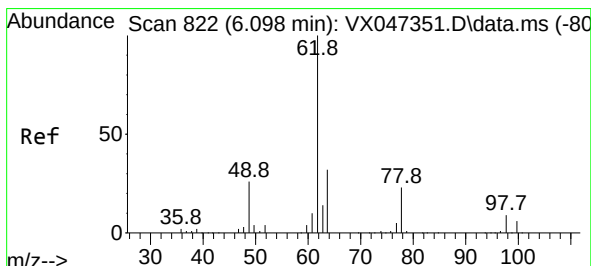
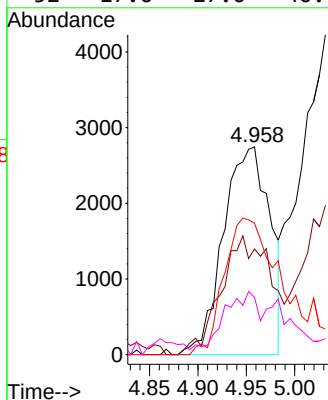
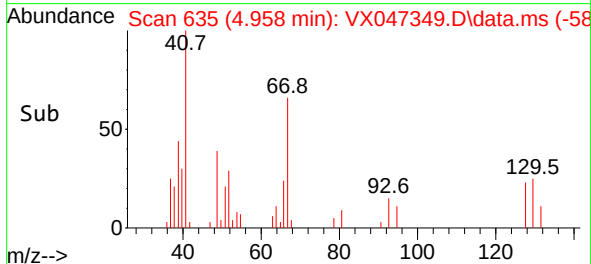
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 918
Ion Ratio Lower Upper
41 100
39 61.5 45.4 68.2
67 77.7 64.0 96.0
52 17.6 27.0 40.6#

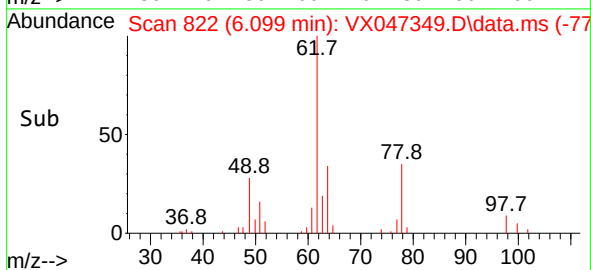
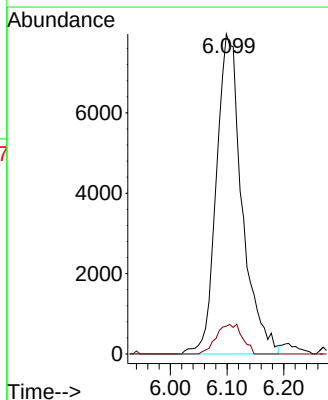
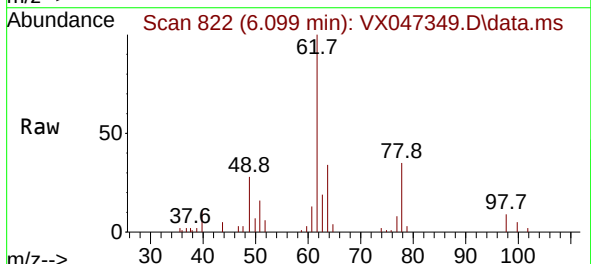
Manual Integrations
APPROVED

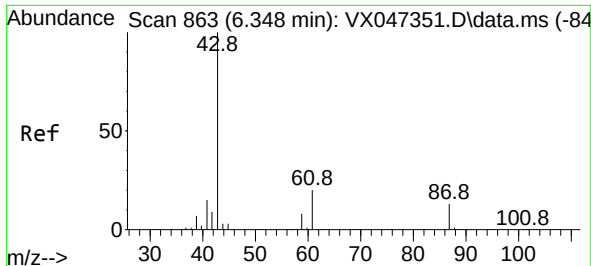
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 4.796 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 62 Resp: 24979
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 4.316 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.012 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

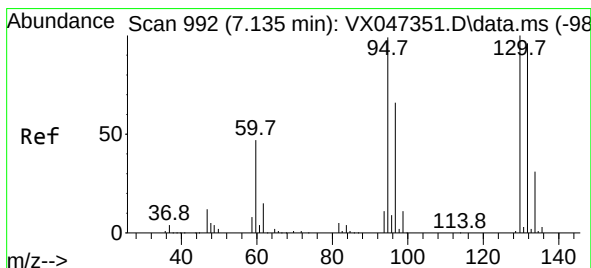
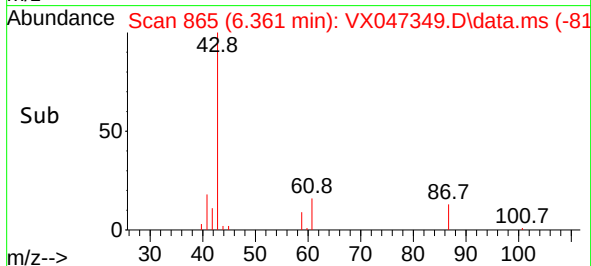
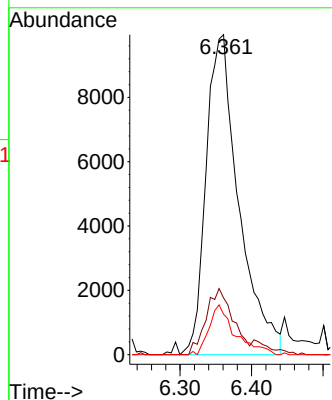
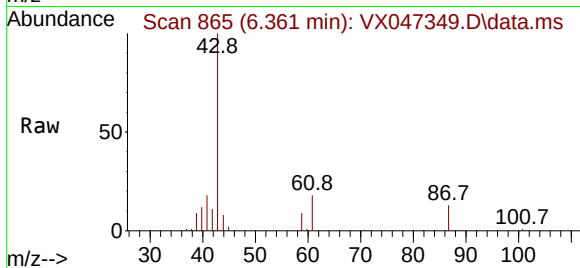
Tgt Ion:	43	Resp:	3162
Ion	Ratio	Lower	Upper
43	100		
61	17.1	15.4	23.0
87	12.4	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#44

Trichloroethene

Concen: 4.884 ug/l

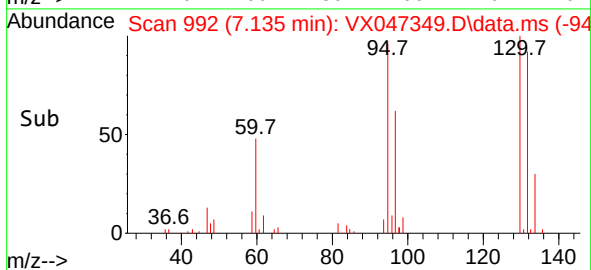
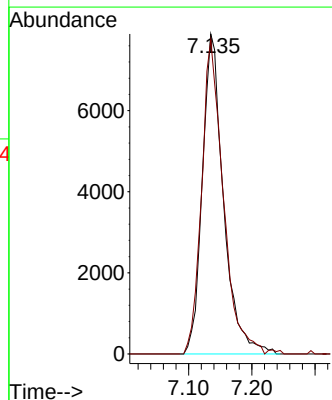
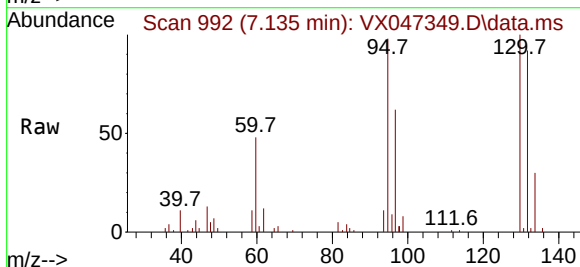
RT: 7.135 min Scan# 992

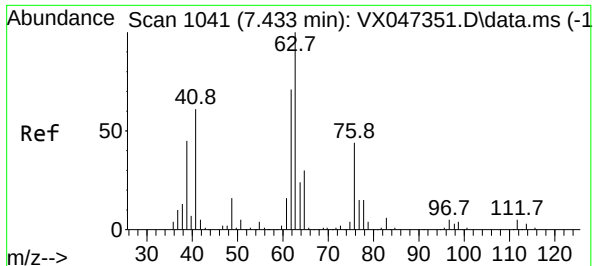
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Tgt Ion:	130	Resp:	18386
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	198.6





#45

1,2-Dichloropropane

Concen: 4.542 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 16729

Ion Ratio Lower Upper

63 100

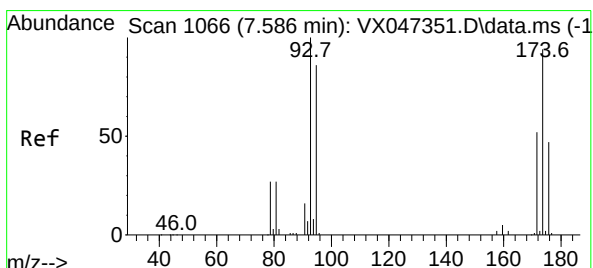
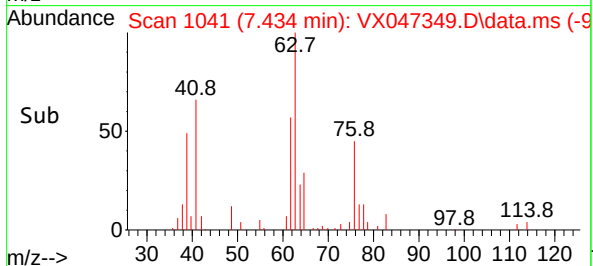
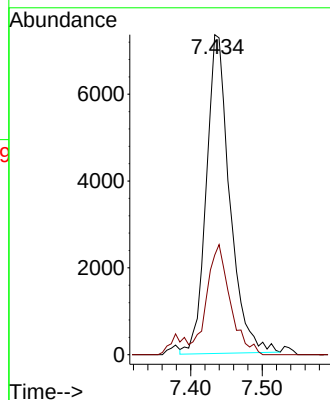
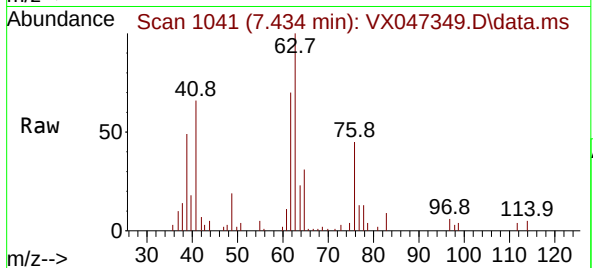
65 32.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 4.885 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

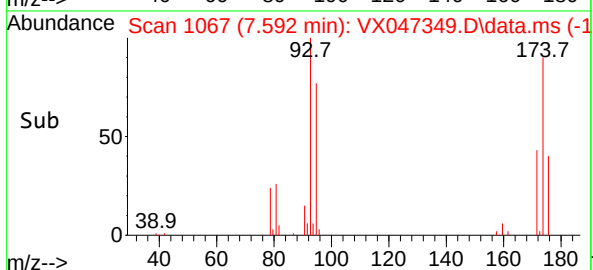
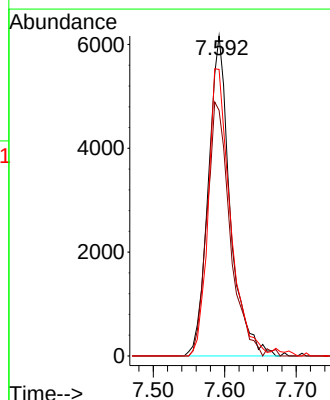
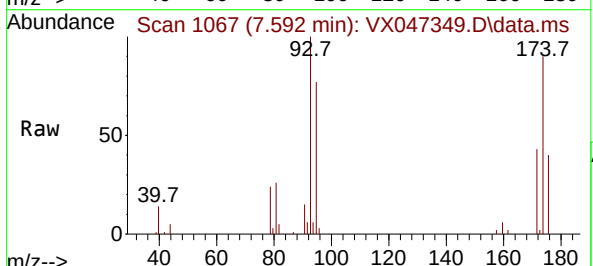
Tgt Ion: 93 Resp: 13062

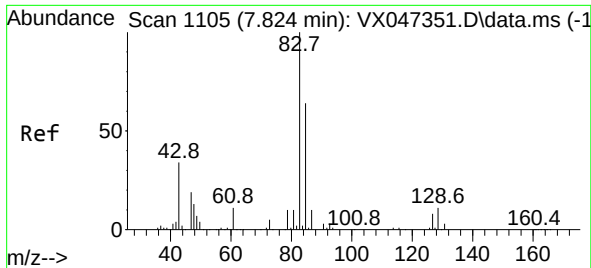
Ion Ratio Lower Upper

93 100

95 83.7 68.0 102.0

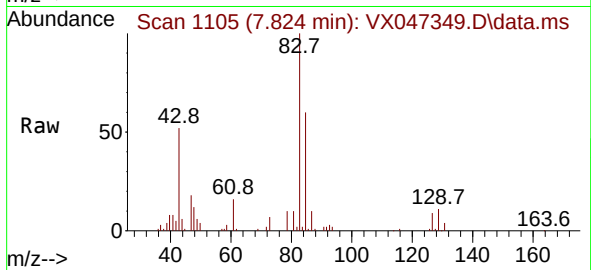
174 91.2 75.8 113.6





#47
Bromodichloromethane
Concen: 4.741 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

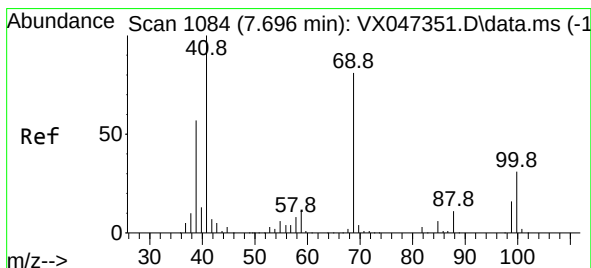
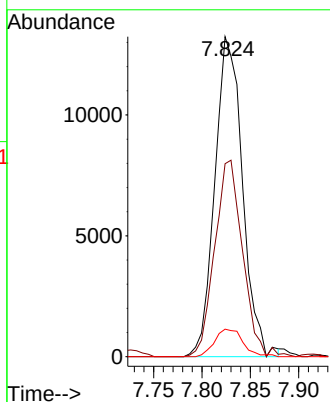
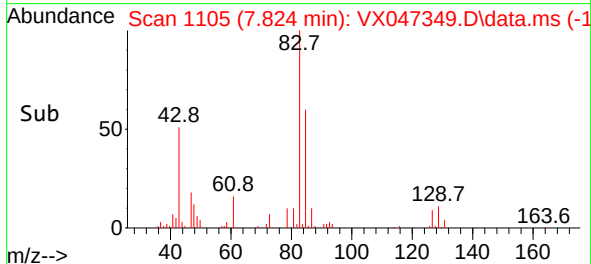
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



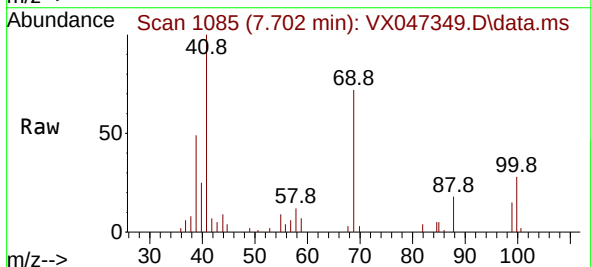
Tgt Ion: 83 Resp: 26280
Ion Ratio Lower Upper
83 100
85 59.8 51.0 76.6
127 8.4 7.0 10.4

Manual Integrations
APPROVED

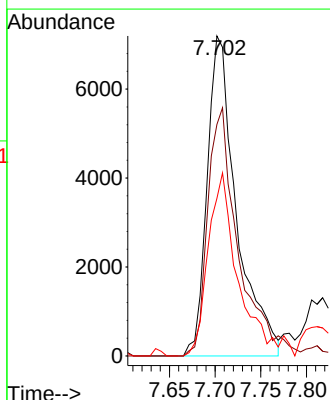
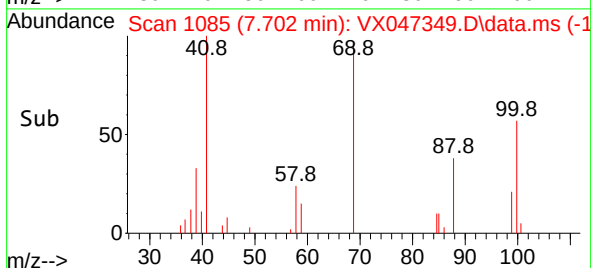
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

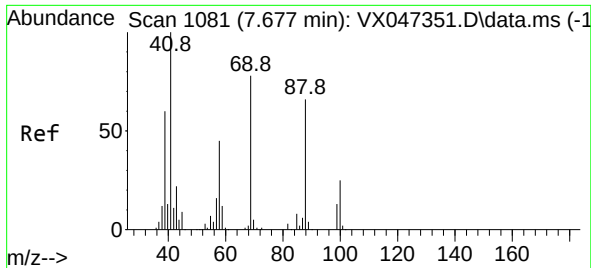


#48
Methyl methacrylate
Concen: 4.222 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40



Tgt Ion: 41 Resp: 16053
Ion Ratio Lower Upper
41 100
69 81.0 65.0 97.4
39 58.8 45.7 68.5





#49

1,4-Dioxane

Concen: 109.635 ug/l m

RT: 7.696 min Scan# 1084

Delta R.T. 0.018 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

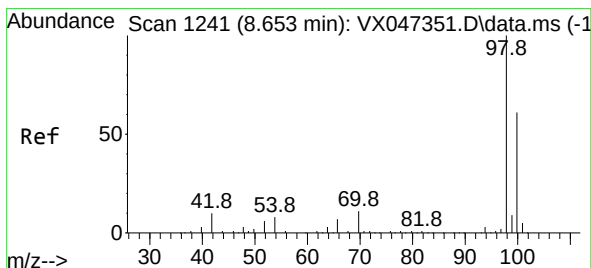
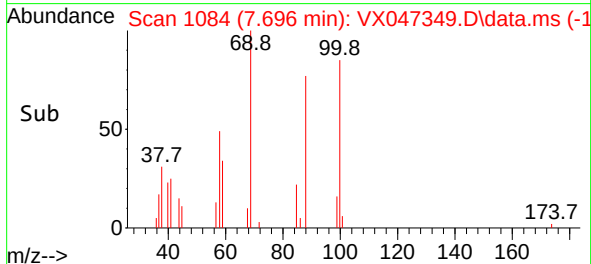
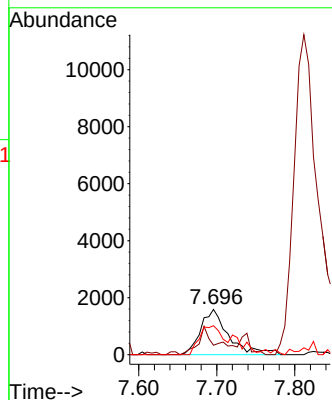
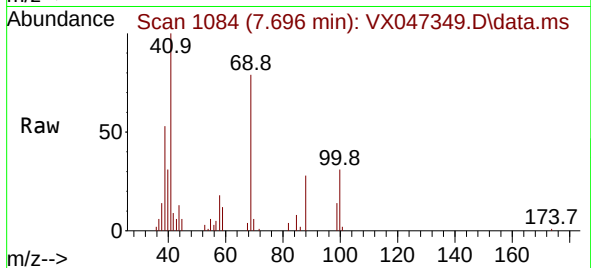
Tgt Ion:	88	Resp:	3958
Ion Ratio	Lower	Upper	
88	100		
43	36.5	32.4	48.6
58	52.5	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 4.987 ug/l

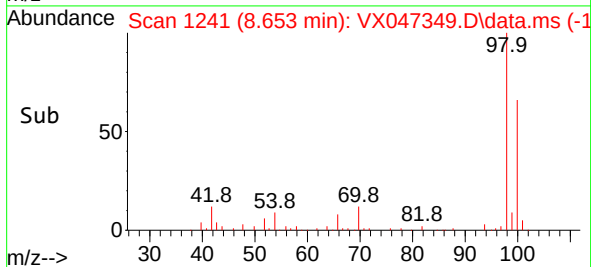
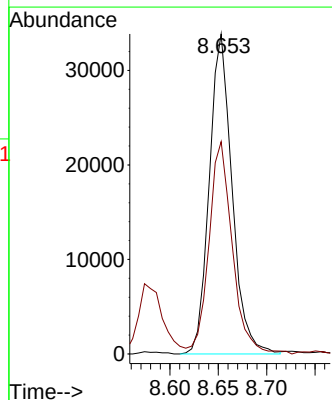
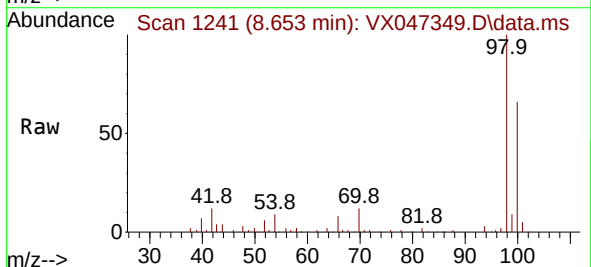
RT: 8.653 min Scan# 1241

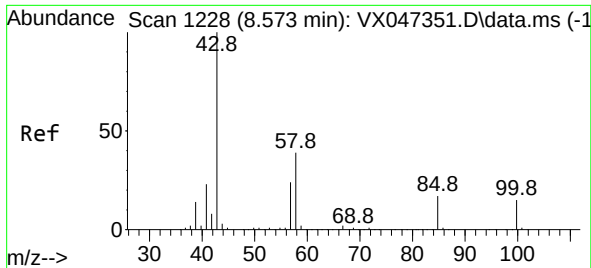
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Tgt Ion:	98	Resp:	55469
Ion Ratio	Lower	Upper	
98	100		
100	68.1	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 23.221 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

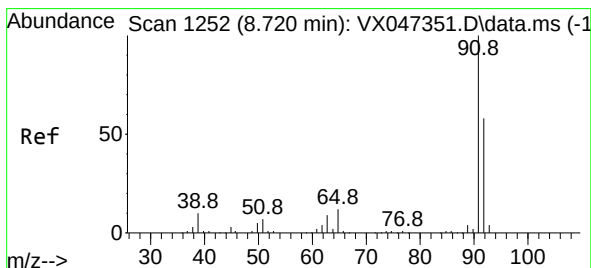
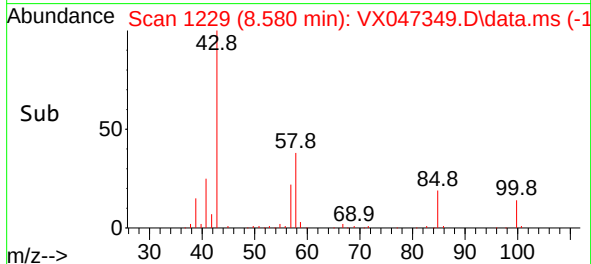
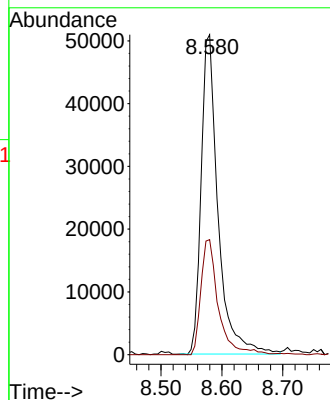
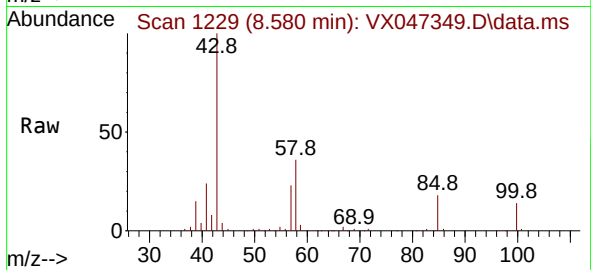
VSTDIC005

Tgt Ion: 43 Resp: 9789
Ion Ratio Lower Upper
43 100
58 37.3 31.2 46.8

Manual Integrations

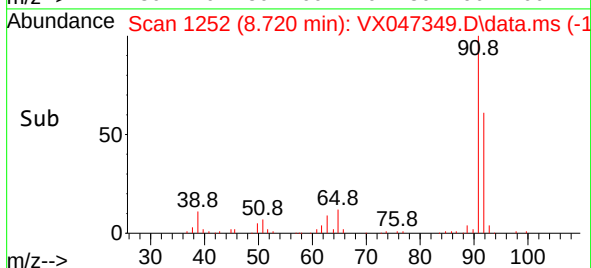
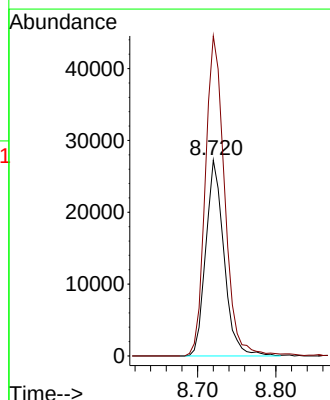
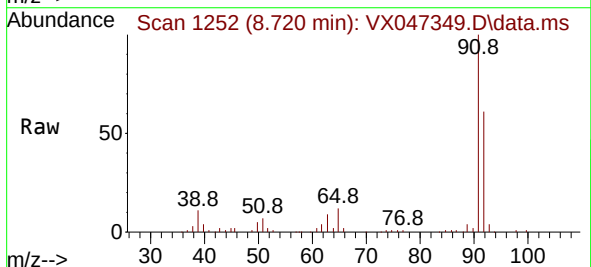
APPROVED

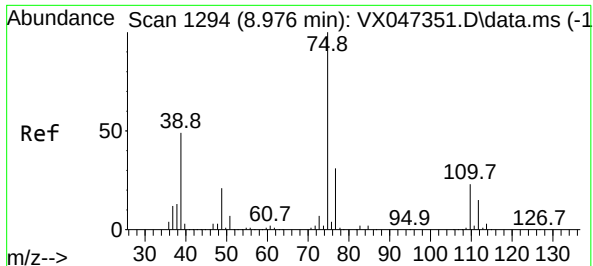
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 4.854 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

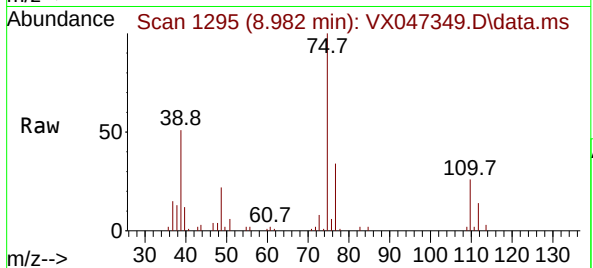
Tgt Ion: 92 Resp: 44099
Ion Ratio Lower Upper
92 100
91 173.0 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 4.403 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

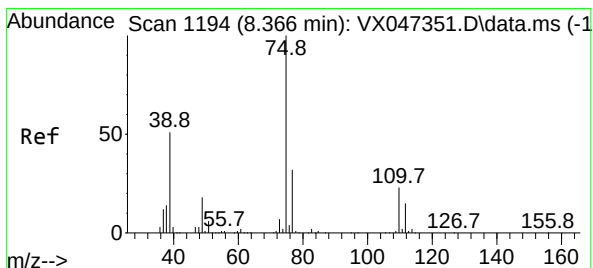
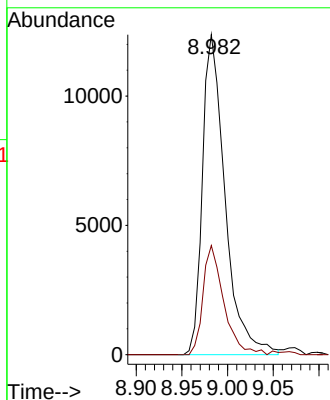
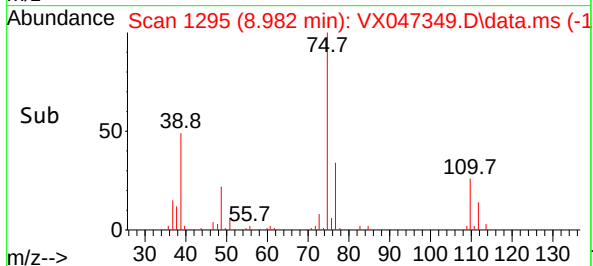
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



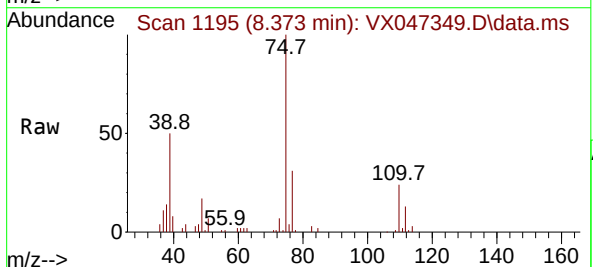
Tgt Ion: 75 Resp: 21300
Ion Ratio Lower Upper
75 100
77 34.1 24.7 37.1

Manual Integrations
APPROVED

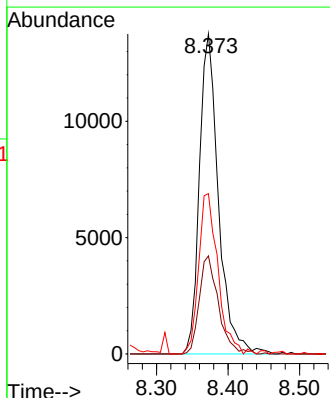
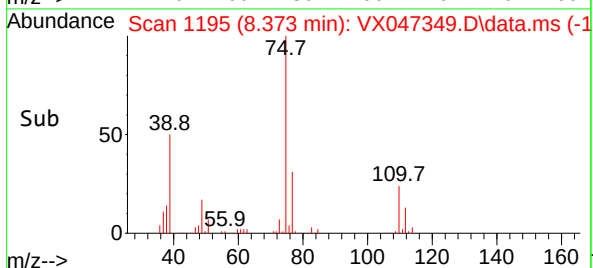
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

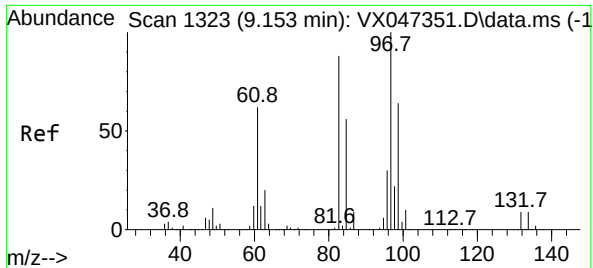


#54
cis-1,3-Dichloropropene
Concen: 4.652 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40



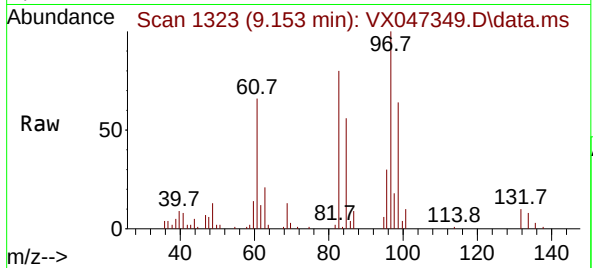
Tgt Ion: 75 Resp: 25475
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 57.4 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 4.972 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

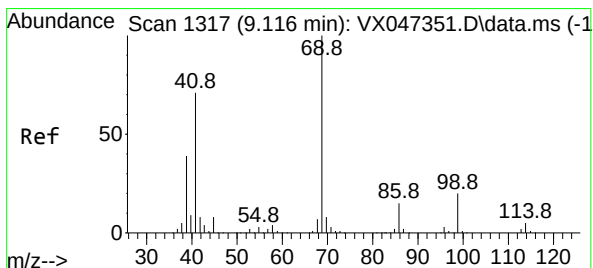
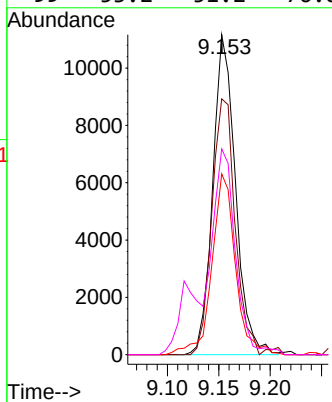
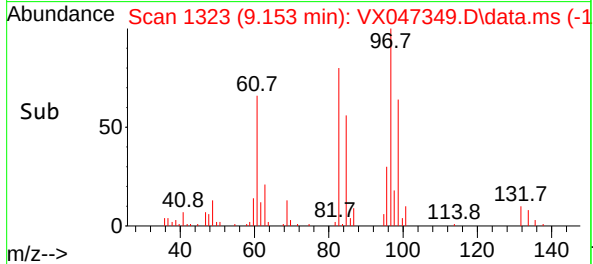
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



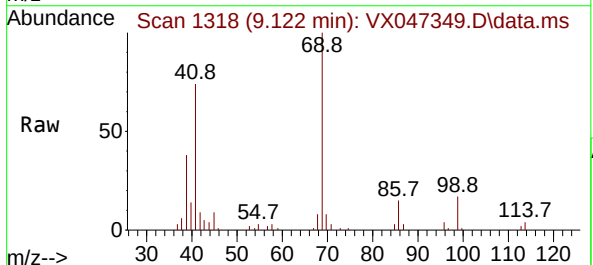
Tgt Ion: 97 Resp: 17150
Ion Ratio Lower Upper
97 100
83 67.7 70.6 106.0
85 47.4 44.7 67.1
99 53.2 51.2 76.8

Manual Integrations
APPROVED

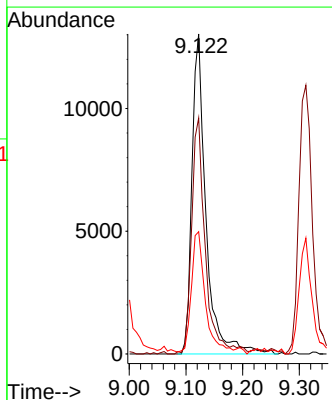
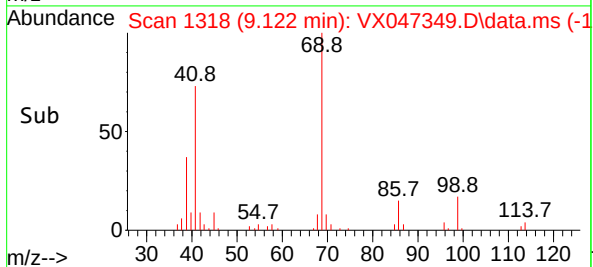
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

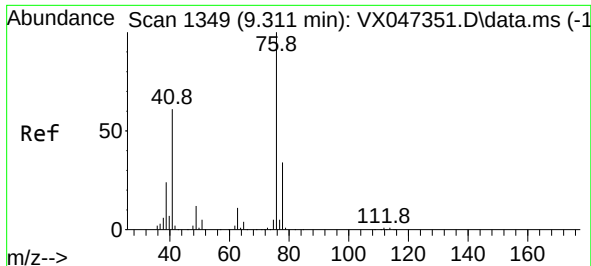


#56
Ethyl methacrylate
Concen: 4.397 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40



Tgt Ion: 69 Resp: 22362
Ion Ratio Lower Upper
69 100
41 72.2 55.3 82.9
39 36.4 30.2 45.2





#57

1,3-Dichloropropane

Concen: 4.821 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2833

Ion Ratio Lower Upper

76 100

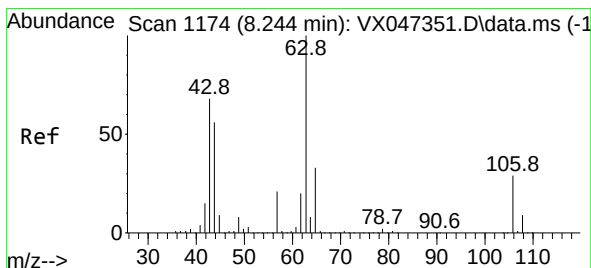
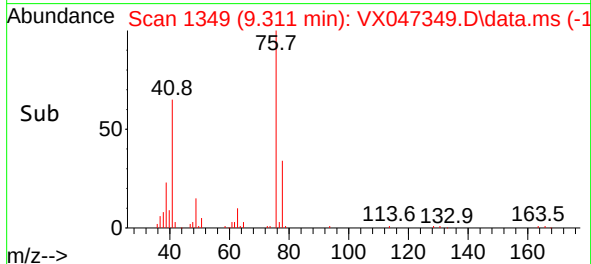
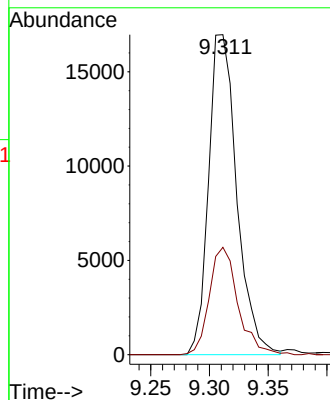
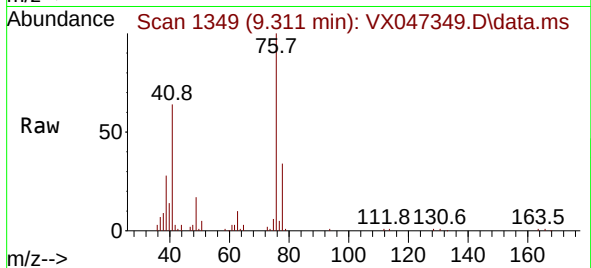
78 34.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 26.559 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047349.D

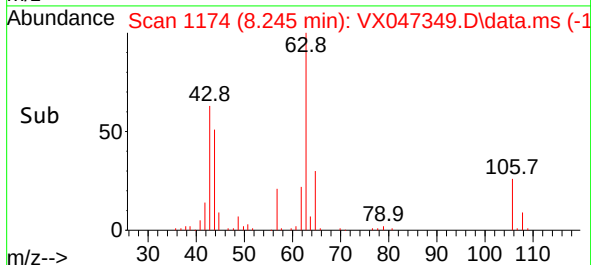
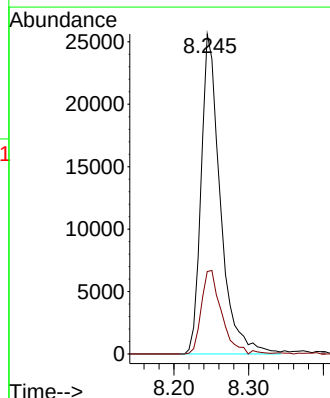
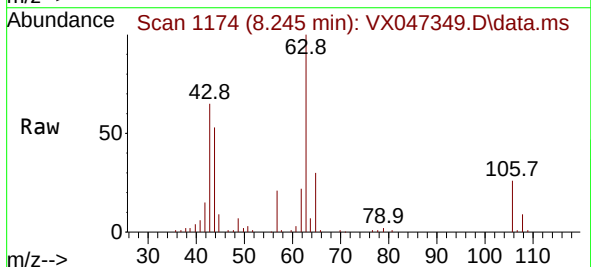
Acq: 15 Aug 2025 09:40

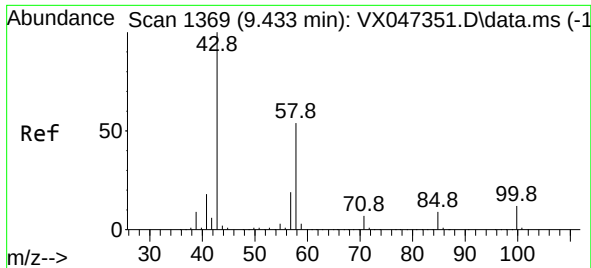
Tgt Ion: 63 Resp: 45735

Ion Ratio Lower Upper

63 100

106 27.6 22.8 34.2





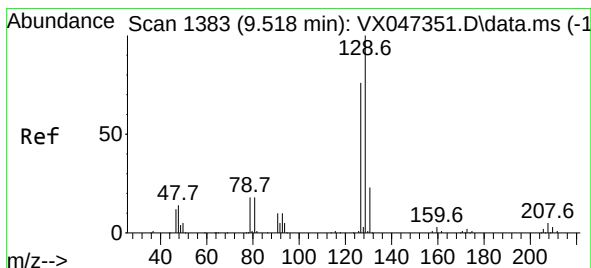
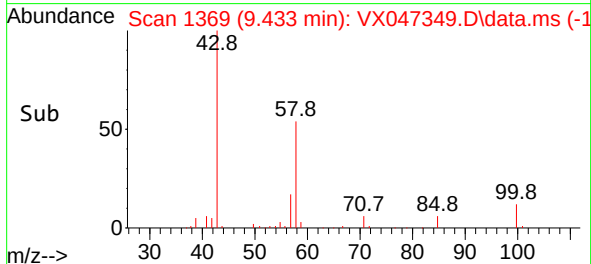
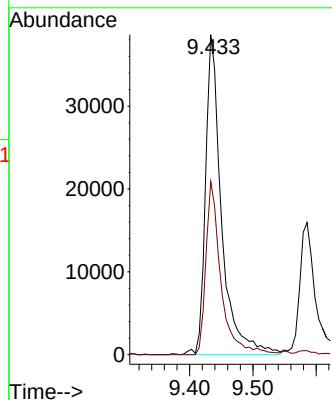
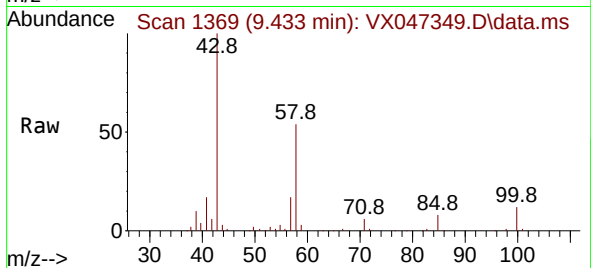
#59
2-Hexanone
Concen: 23.375 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 68164
Ion Ratio Lower Upper
43 100
58 50.9 26.9 80.7

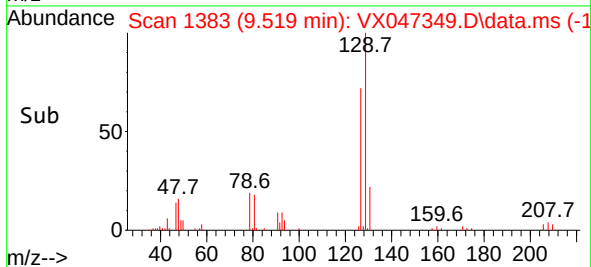
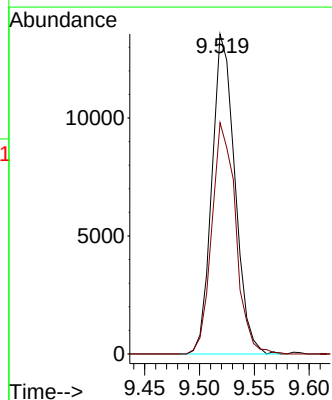
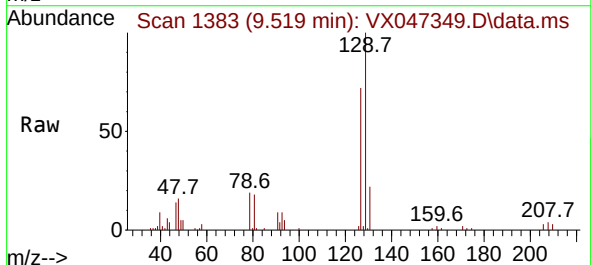
Manual Integrations
APPROVED

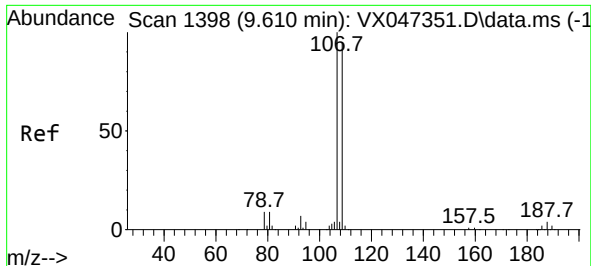
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 4.820 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:129 Resp: 19760
Ion Ratio Lower Upper
129 100
127 75.1 38.9 116.6





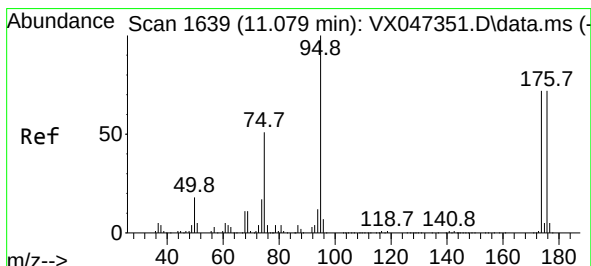
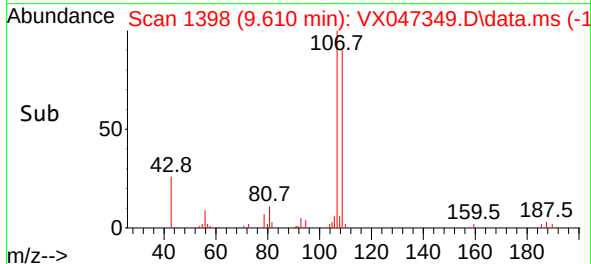
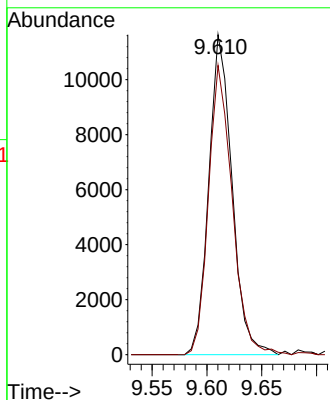
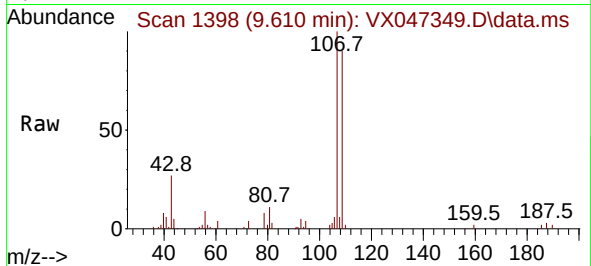
#61
1,2-Dibromoethane
Concen: 4.823 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 17154
Ion Ratio Lower Upper
107 100
109 92.2 76.2 114.2

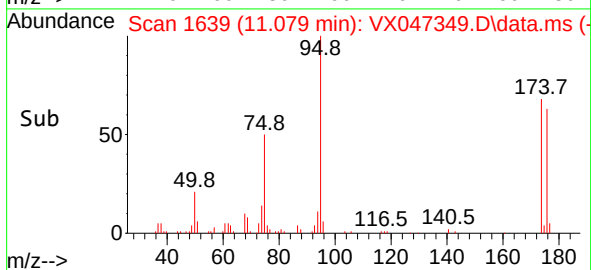
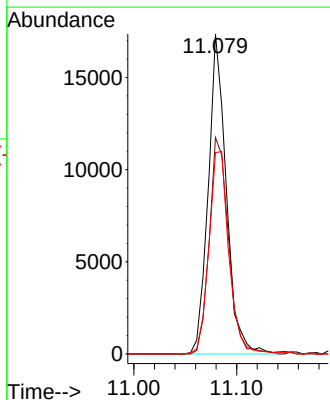
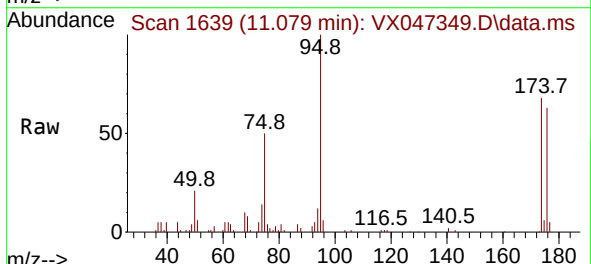
Manual Integrations
APPROVED

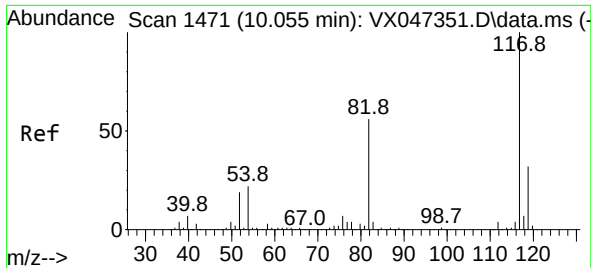
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#62
4-Bromofluorobenzene
Concen: 5.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

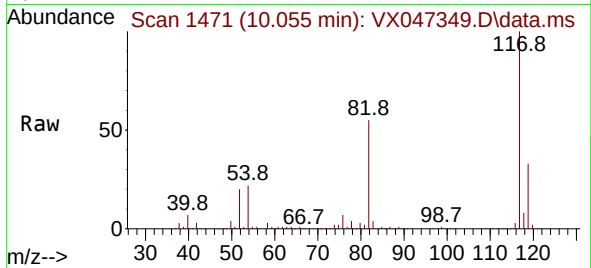
Tgt Ion: 95 Resp: 21138
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.0
176 70.5 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

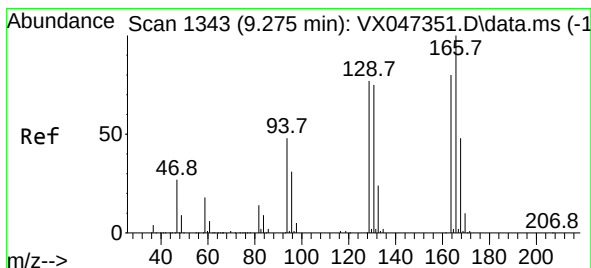
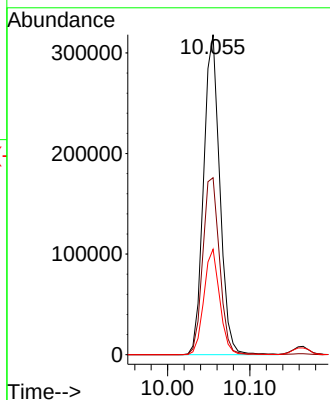
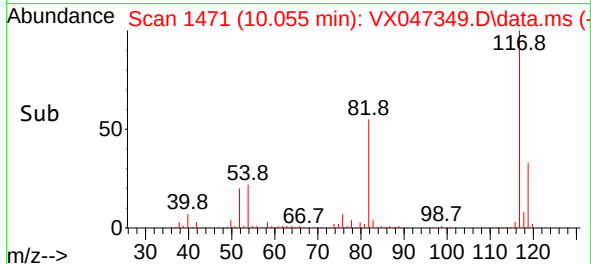
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 43459
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 33.0 25.8 38.8

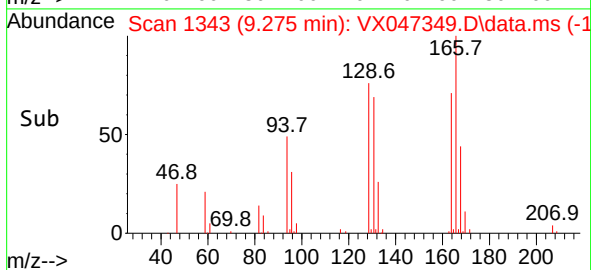
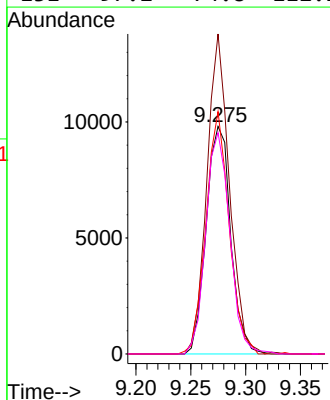
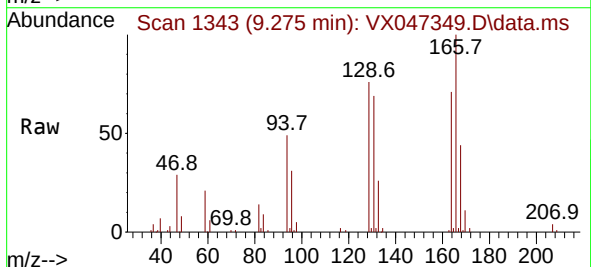
Manual Integrations
APPROVED

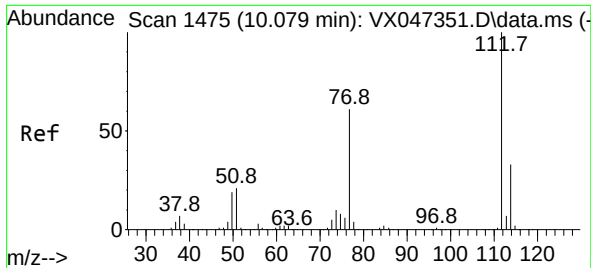
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 4.856 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:164 Resp: 15266
Ion Ratio Lower Upper
164 100
166 140.7 100.3 150.5
129 106.6 77.7 116.5
131 97.2 74.8 112.2





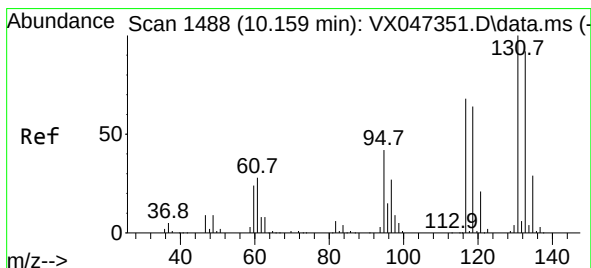
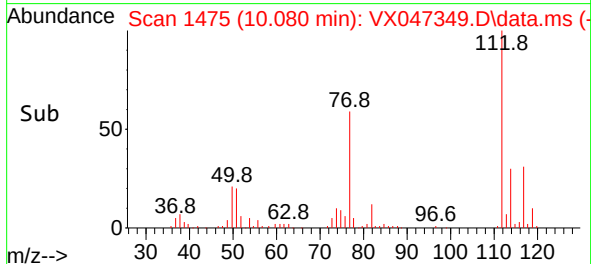
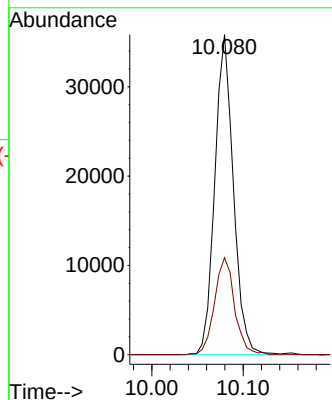
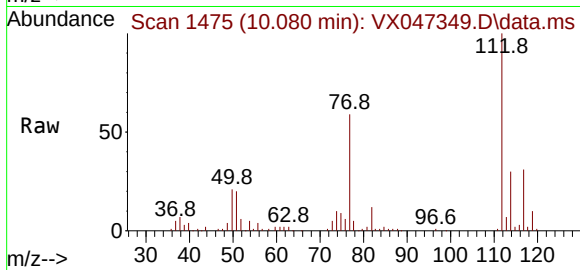
#65
Chlorobenzene
Concen: 4.896 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 50559
Ion Ratio Lower Upper
112 100
114 30.3 26.4 39.6

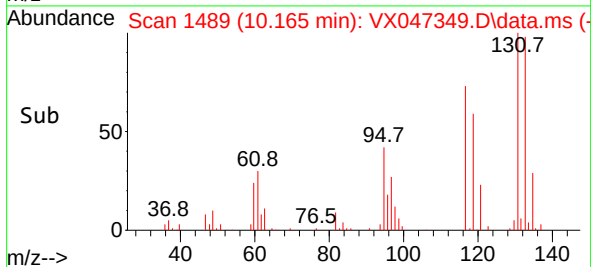
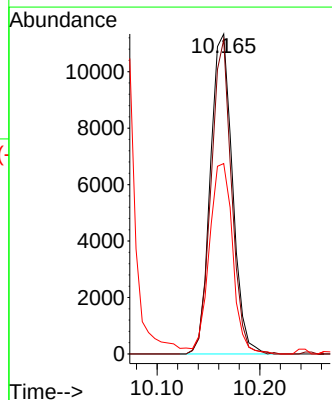
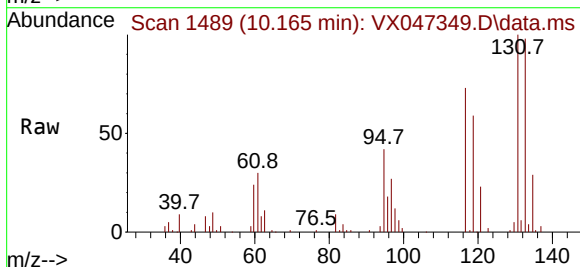
Manual Integrations
APPROVED

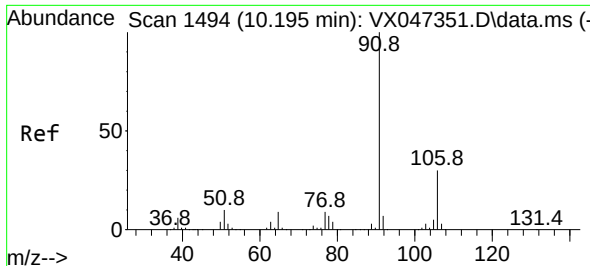
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.839 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

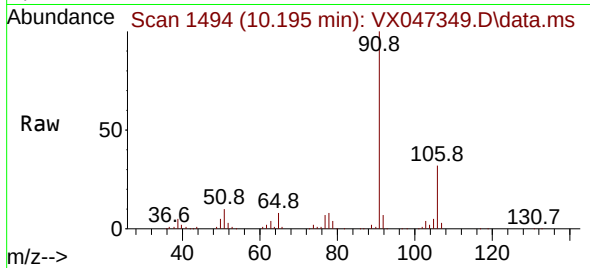
Tgt Ion:131 Resp: 16894
Ion Ratio Lower Upper
131 100
133 90.8 47.6 142.9
119 62.5 32.3 96.8





#67
Ethyl Benzene
Concen: 4.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

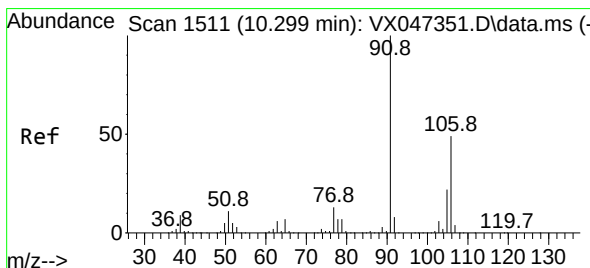
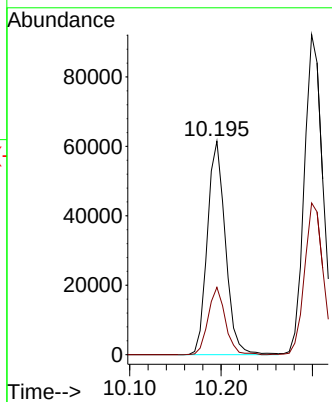
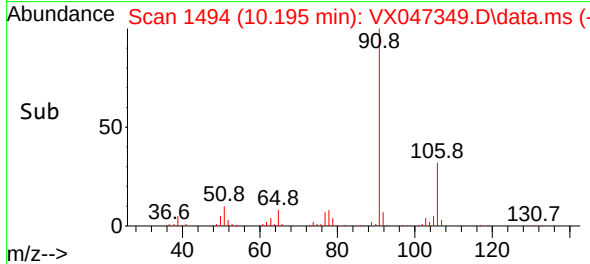
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



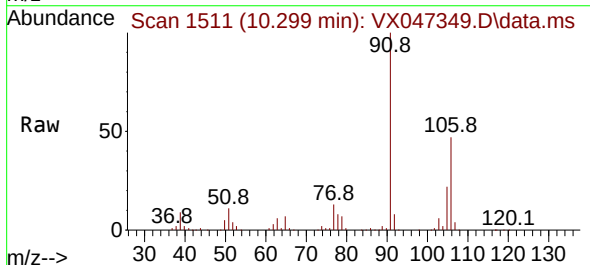
Tgt Ion: 91 Resp: 8436
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

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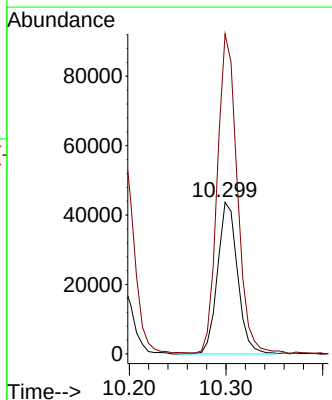
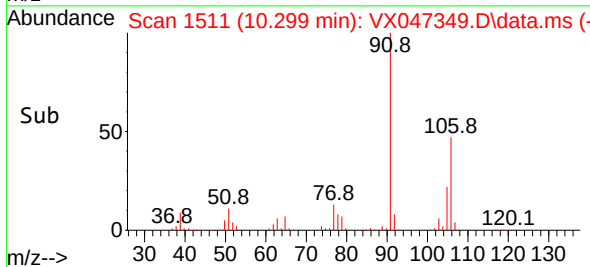
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

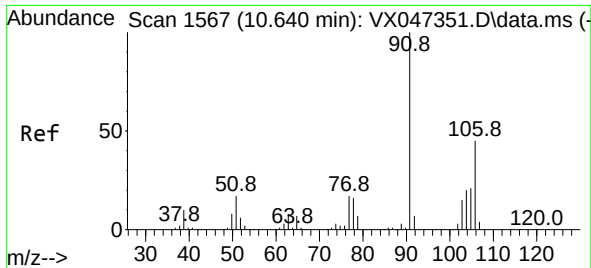


#68
m/p-Xylenes
Concen: 9.462 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40



Tgt Ion:106 Resp: 62714
Ion Ratio Lower Upper
106 100
91 211.3 164.7 247.1





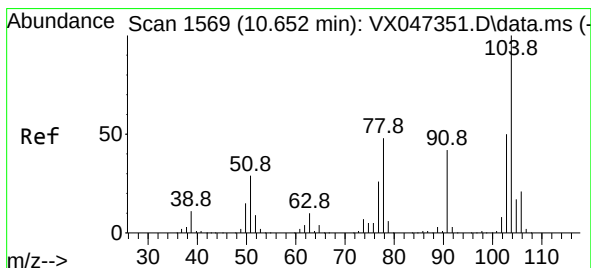
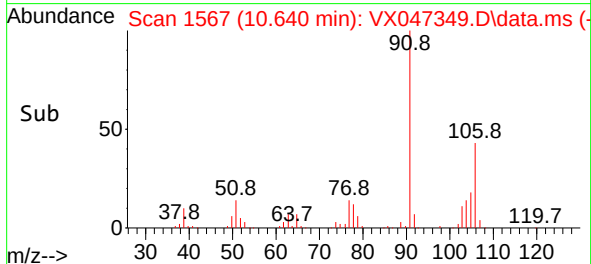
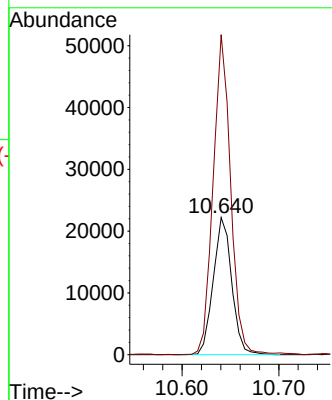
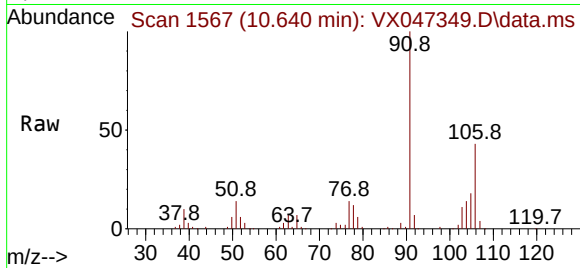
#69
o-Xylene
Concen: 4.623 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2948
Ion Ratio Lower Upper
106 100
91 221.8 110.6 331.8

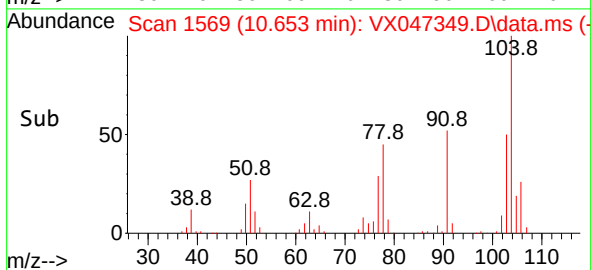
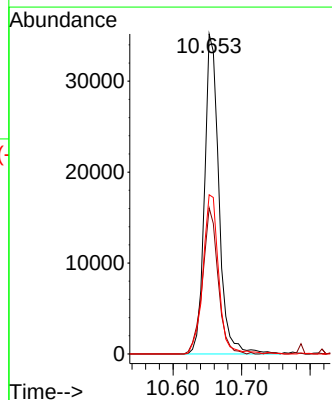
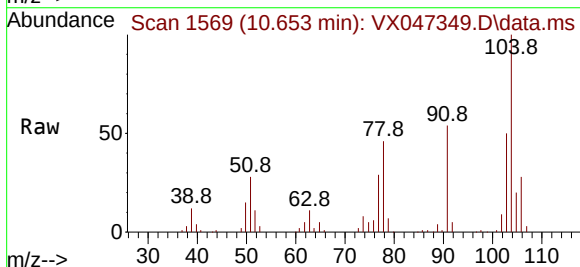
Manual Integrations
APPROVED

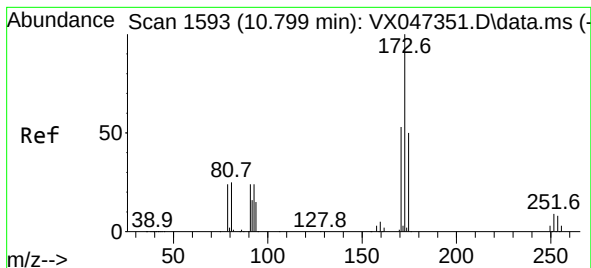
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 4.783 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:104 Resp: 51543
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 54.2 43.6 65.4





#71

Bromoform

Concen: 4.869 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

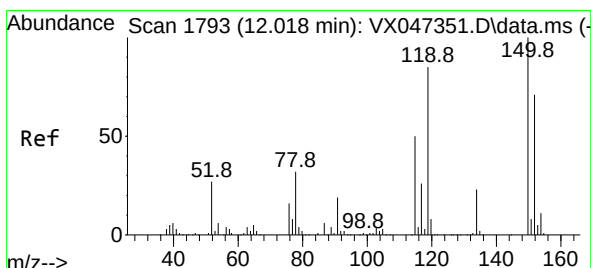
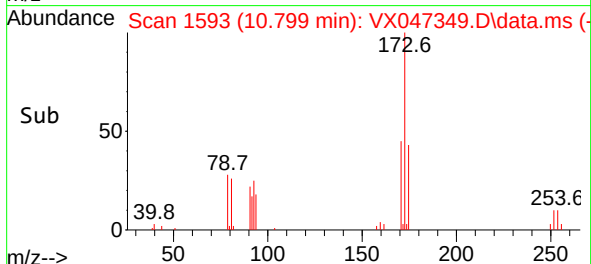
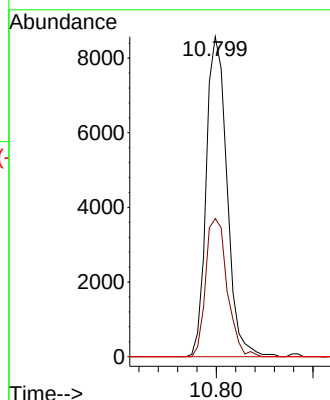
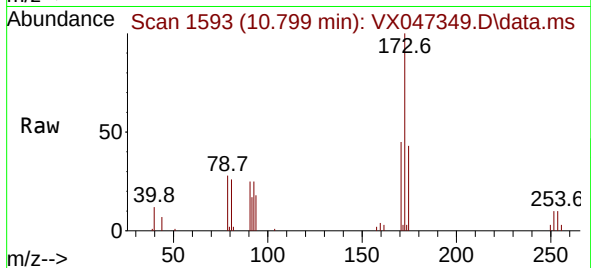
Tgt Ion:	173	Resp:	12769
Ion Ratio	Lower	Upper	
173	100		
175	44.7	24.4	73.4
254	0.0	0.1	0.1

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

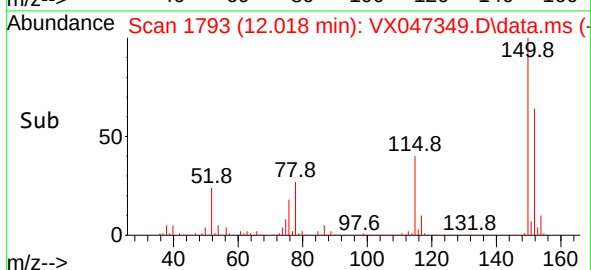
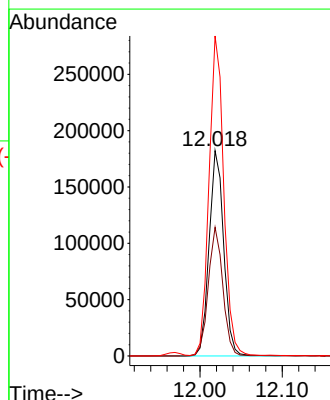
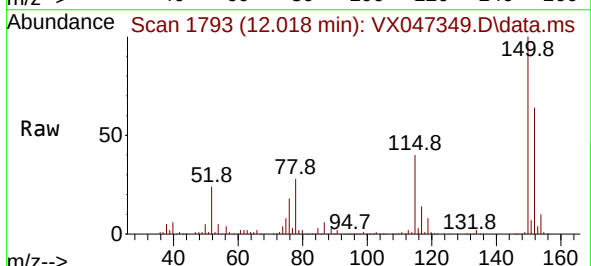
RT: 12.018 min Scan# 1793

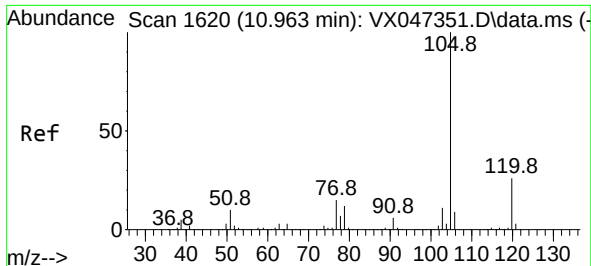
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Tgt Ion:	152	Resp:	224159
Ion Ratio	Lower	Upper	
152	100		
115	63.0	44.6	133.8
150	156.6	0.0	349.8





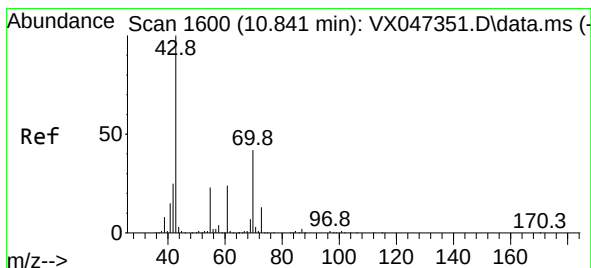
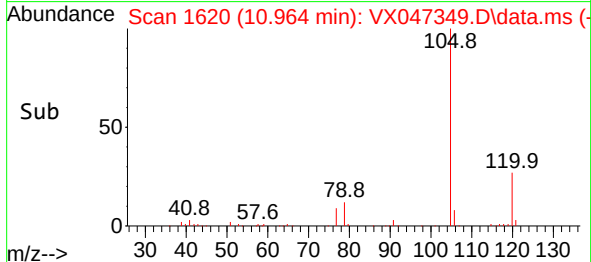
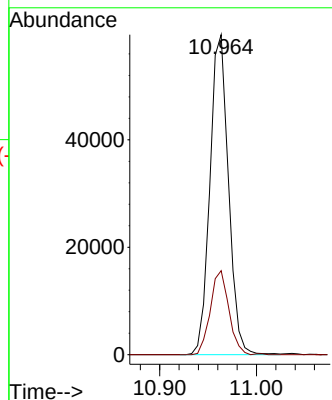
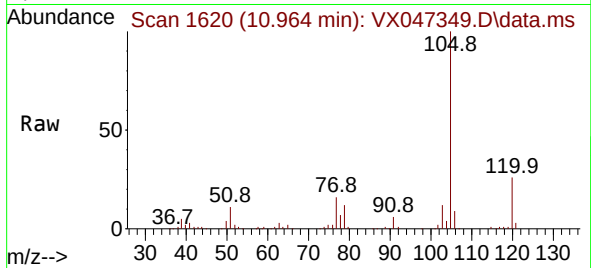
#73
Isopropylbenzene
Concen: 4.533 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 79512
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

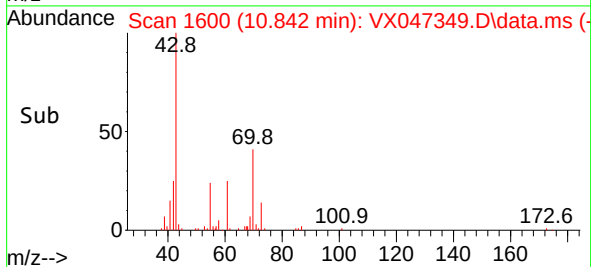
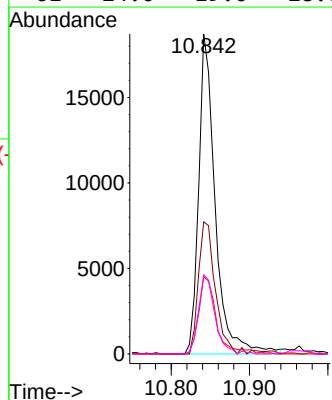
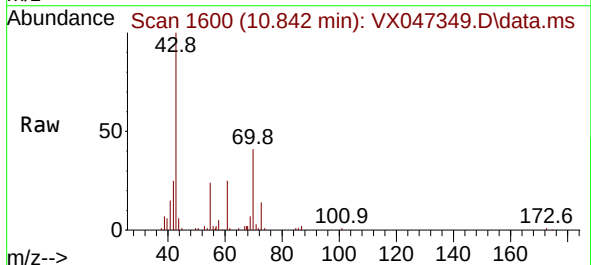
Manual Integrations
APPROVED

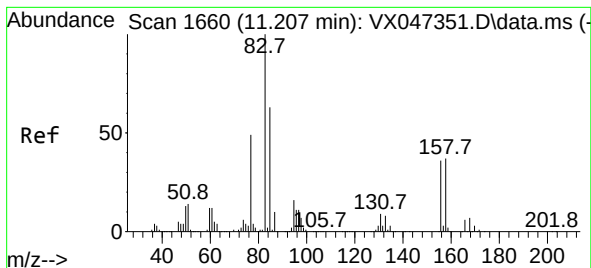
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#74
N-ethyl acetate
Concen: 4.138 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 43 Resp: 27565
Ion Ratio Lower Upper
43 100
70 41.5 33.1 49.7
55 26.0 19.0 28.6
61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.687 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

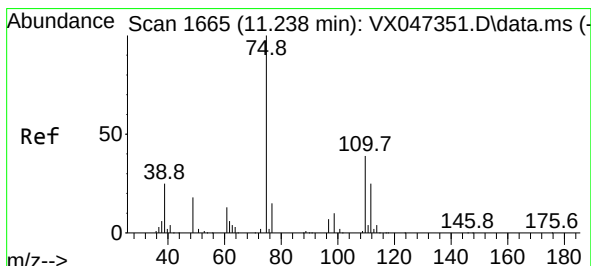
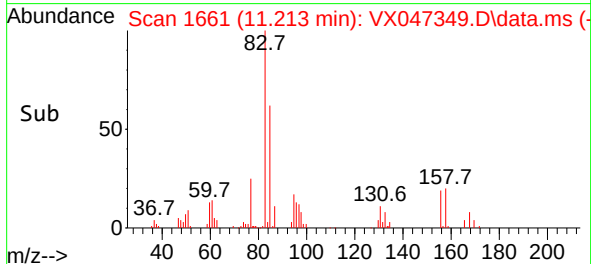
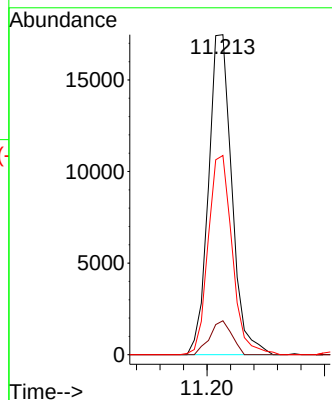
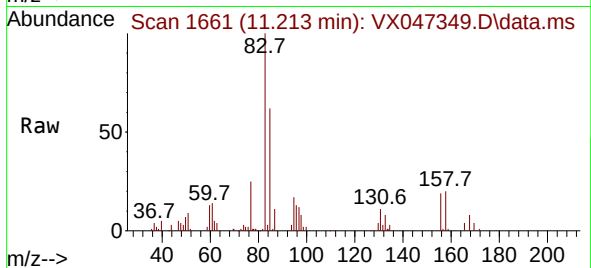
Tgt Ion: 83	Resp: 24139
Ion Ratio	Lower Upper
83	100
131	10.0 5.0 15.0
85	64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#76

1,2,3-Trichloropropane

Concen: 4.843 ug/l m

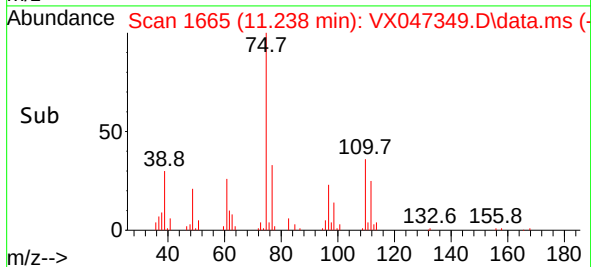
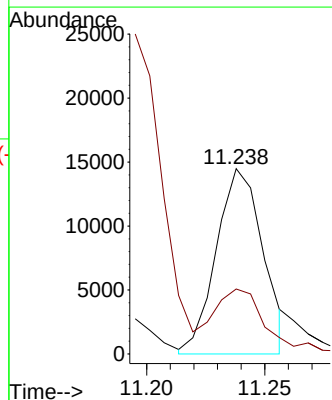
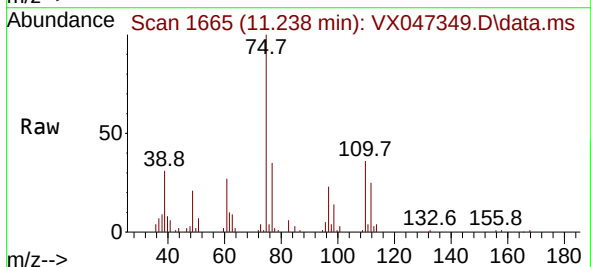
RT: 11.238 min Scan# 1665

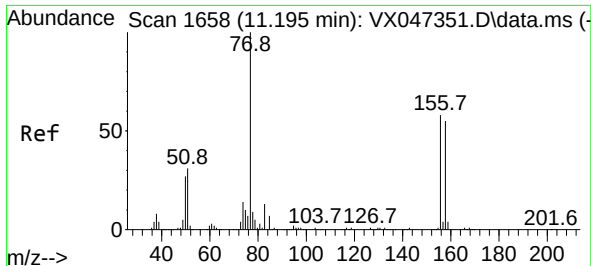
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Tgt Ion: 75	Resp: 19912
Ion Ratio	Lower Upper
75	100
77	40.2 19.4 58.2





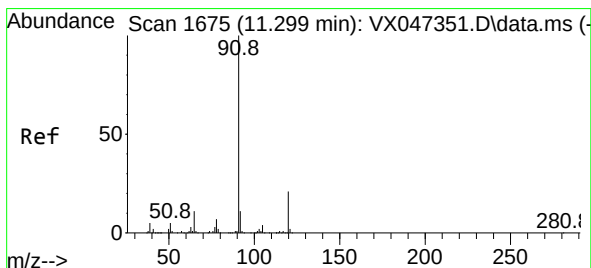
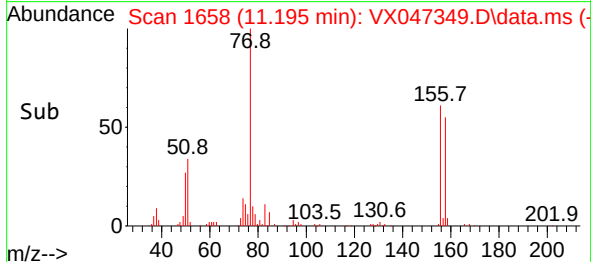
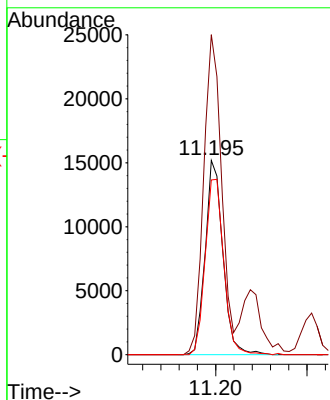
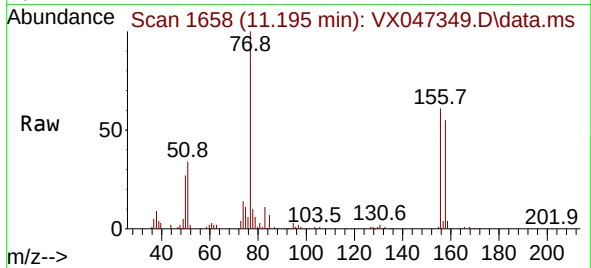
#77
Bromobenzene
Concen: 4.758 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 20380
Ion Ratio Lower Upper
156 100
77 165.6 86.3 258.9
158 94.8 48.0 144.2

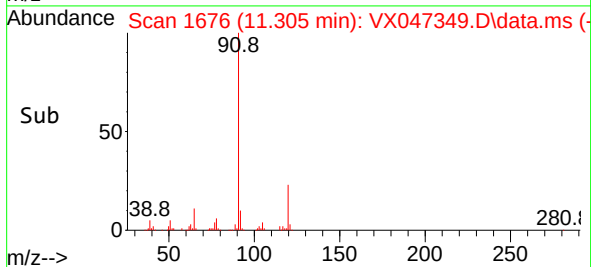
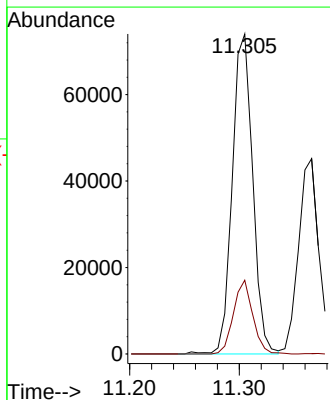
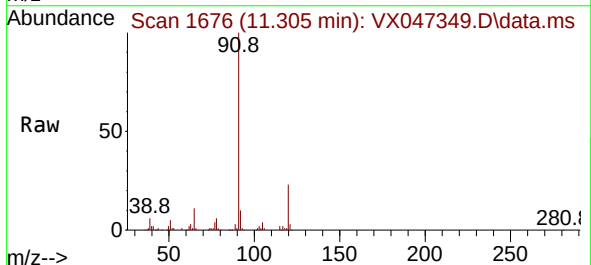
Manual Integrations
APPROVED

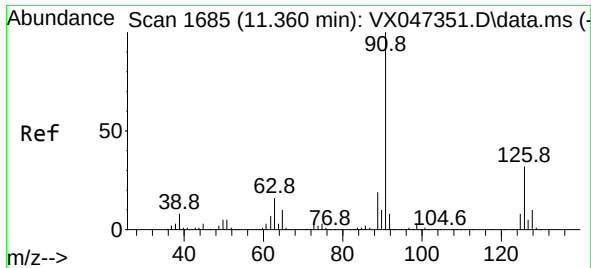
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78
n-propylbenzene
Concen: 4.561 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 95550
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





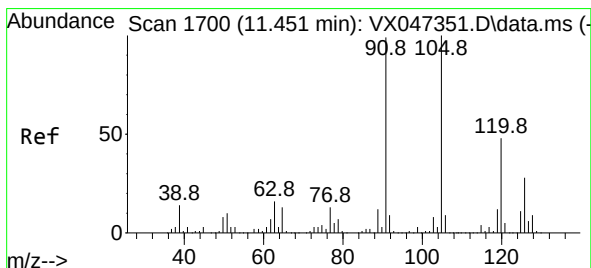
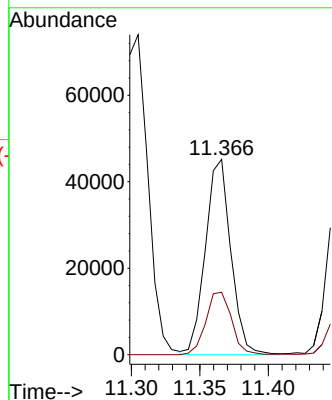
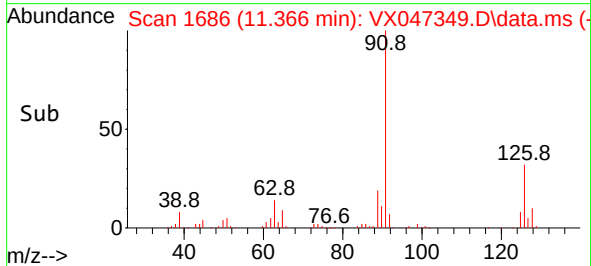
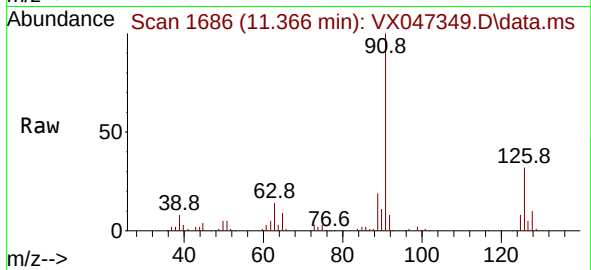
#79
2-Chlorotoluene
Concen: 4.623 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 58544
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.1

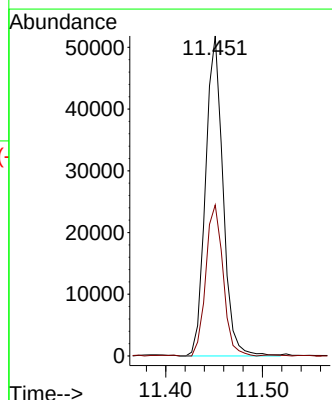
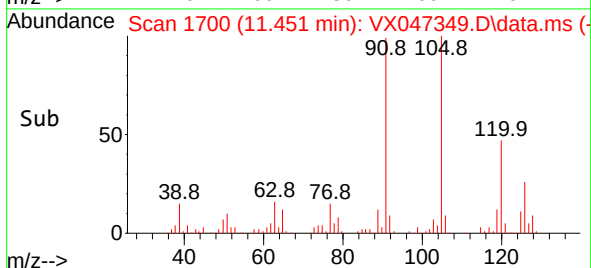
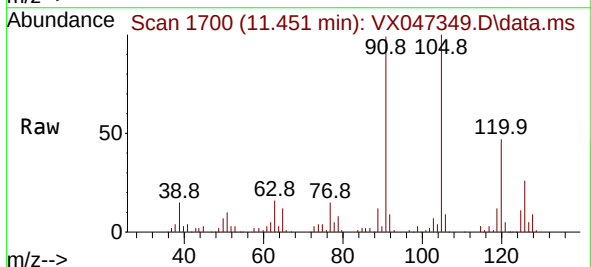
Manual Integrations
APPROVED

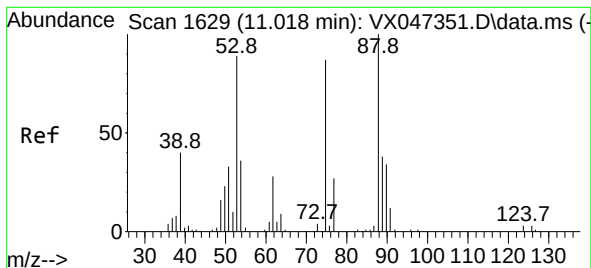
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.518 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:105 Resp: 65210
Ion Ratio Lower Upper
105 100
120 46.7 23.9 71.7





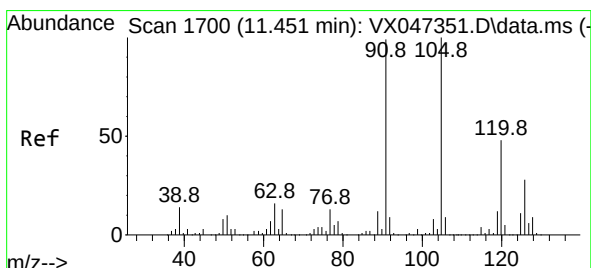
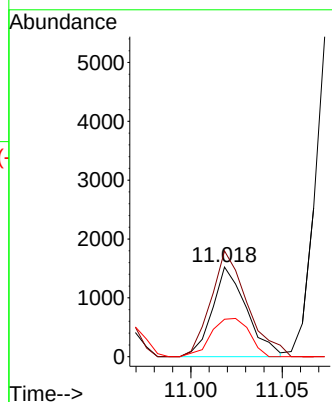
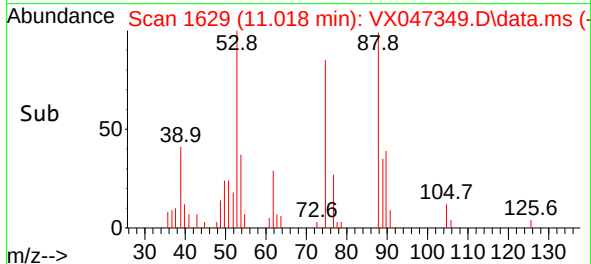
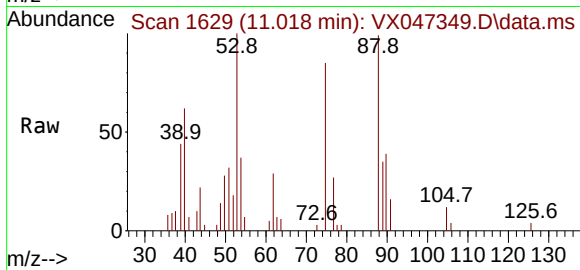
#81
trans-1,4-Dichloro-2-butene
Concen: 9.640 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1992
Ion Ratio Lower Upper
75 100
53 124.7 85.2 127.8
89 47.4 36.7 55.1

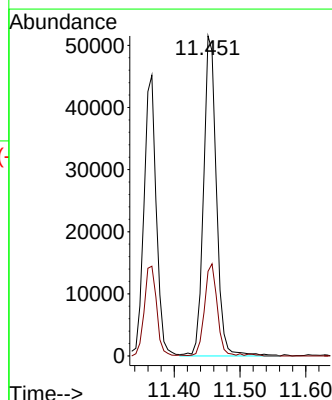
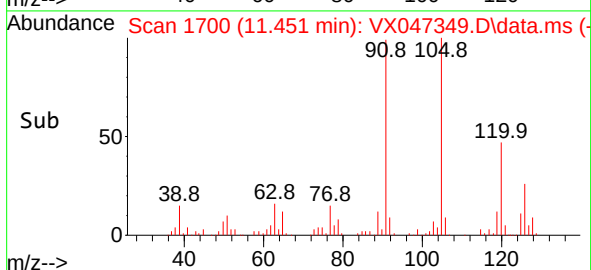
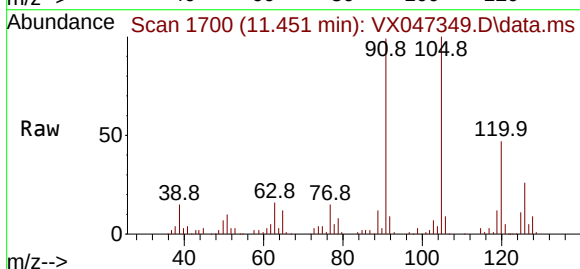
Manual Integrations
APPROVED

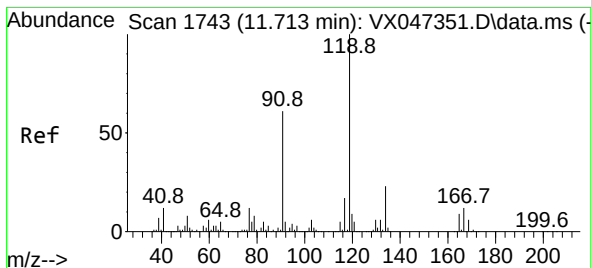
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 4.697 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion: 91 Resp: 70117
Ion Ratio Lower Upper
91 100
126 27.7 14.4 43.0





#83

tert-Butylbenzene

Concen: 4.463 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

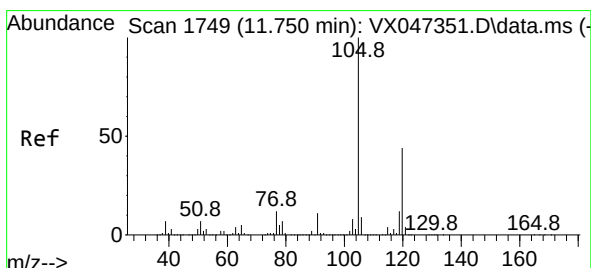
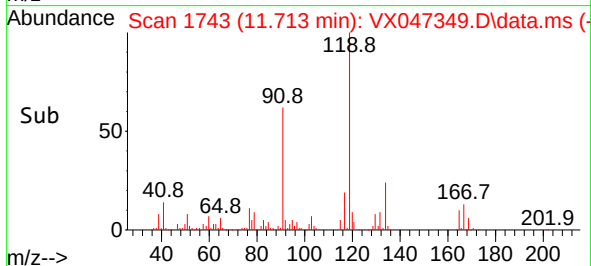
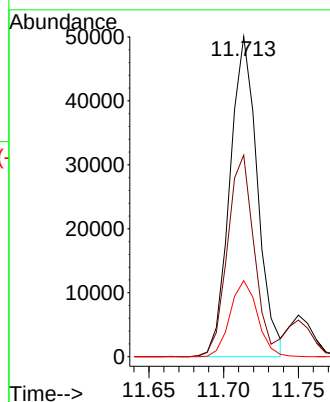
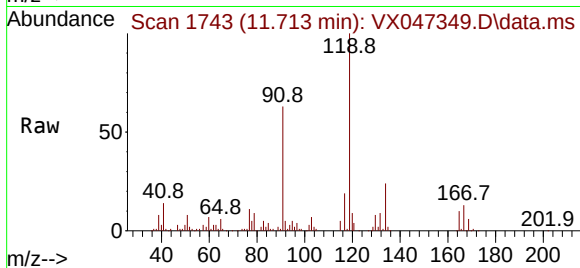
Tgt Ion:	119	Resp:	6426
Ion Ratio	Lower	Upper	
119	100		
91	60.5	29.1	87.4
134	23.6	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.644 ug/l

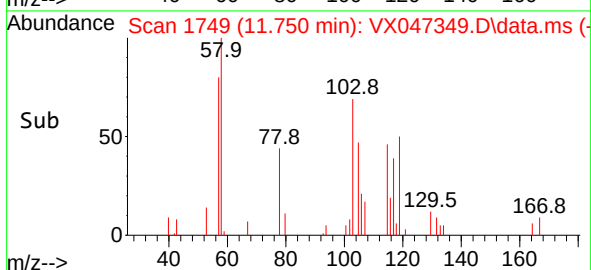
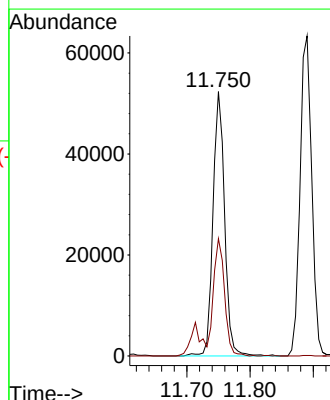
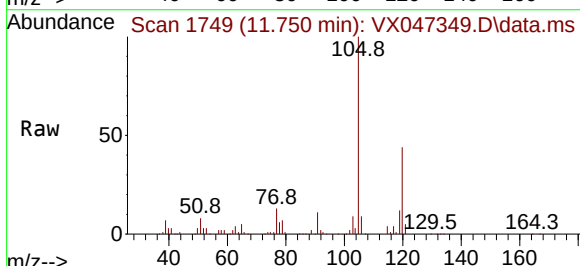
RT: 11.750 min Scan# 1749

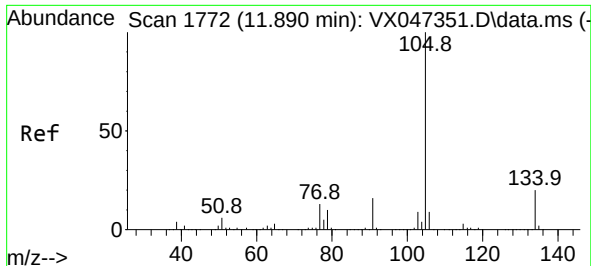
Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

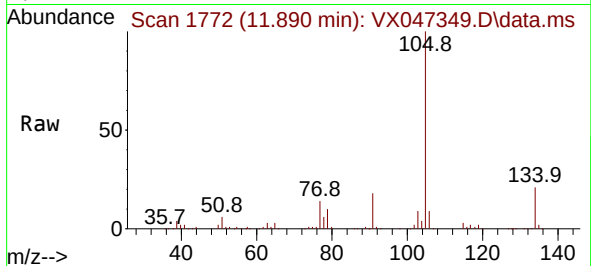
Tgt Ion:	105	Resp:	67032
Ion Ratio	Lower	Upper	
105	100		
120	42.2	21.9	65.7





#85
 sec-Butylbenzene
 Concen: 4.559 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047349.D
 Acq: 15 Aug 2025 09:40

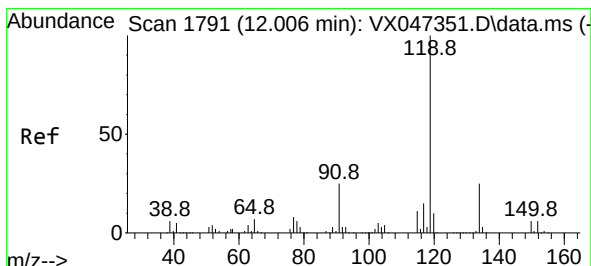
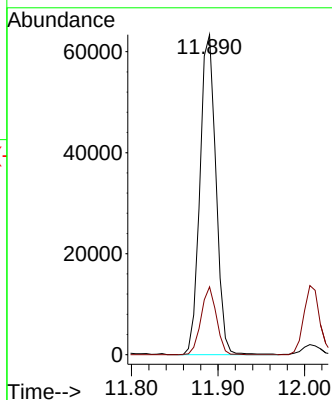
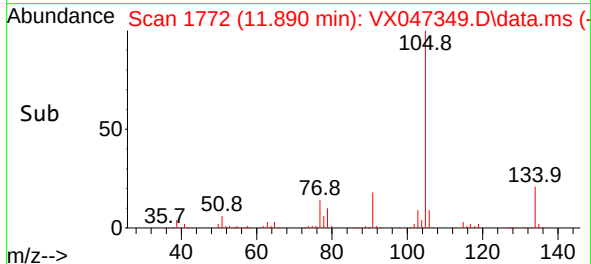
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



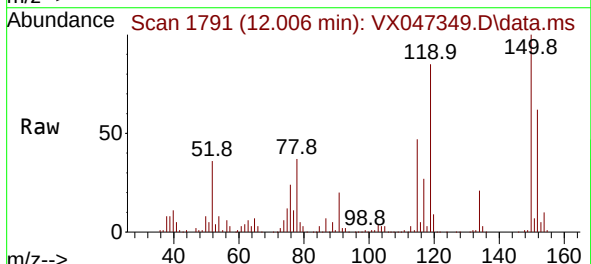
Tgt Ion:105 Resp: 8137
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5

Manual Integrations
 APPROVED

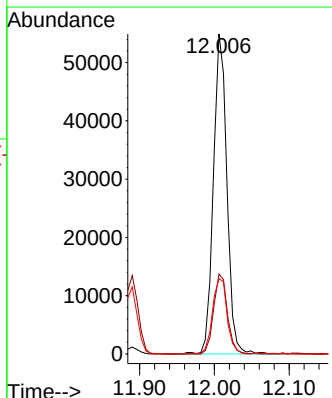
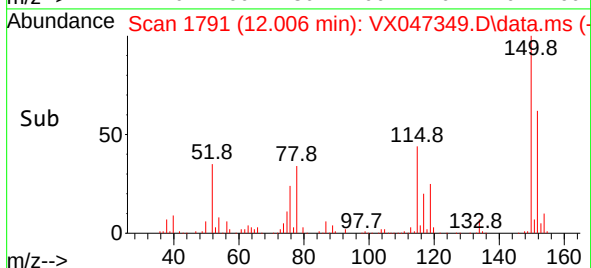
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

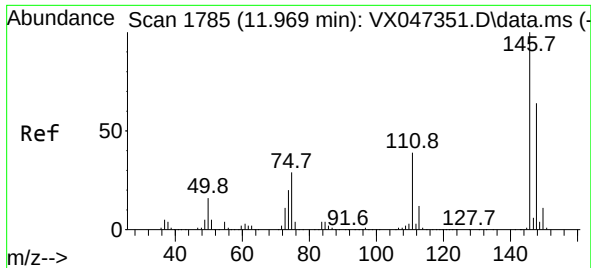


#86
 p-Isopropyltoluene
 Concen: 4.559 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047349.D
 Acq: 15 Aug 2025 09:40



Tgt Ion:119 Resp: 68849
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 4.709 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 3853

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.8

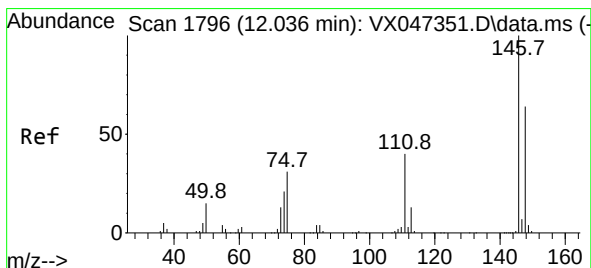
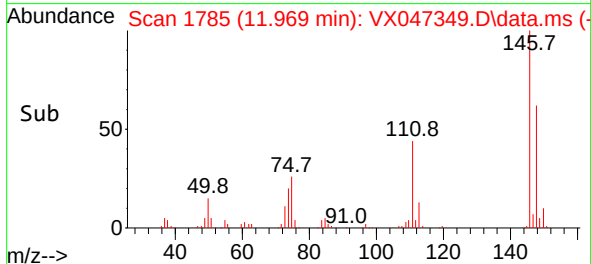
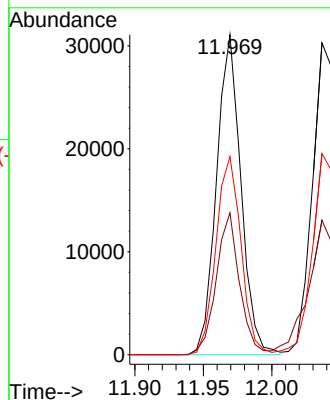
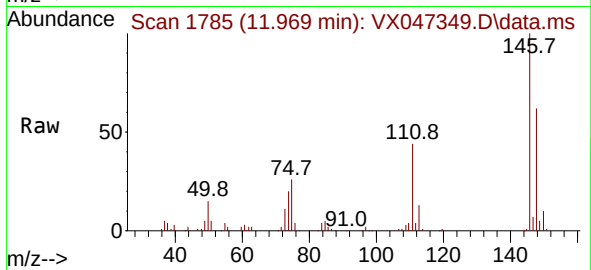
148 63.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 4.763 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047349.D

Acq: 15 Aug 2025 09:40

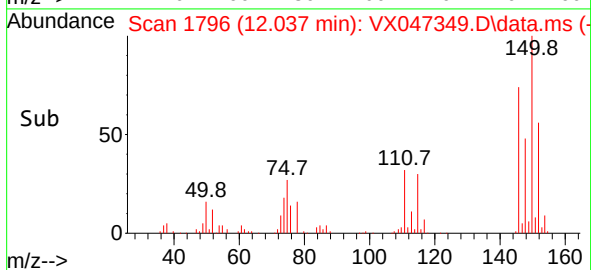
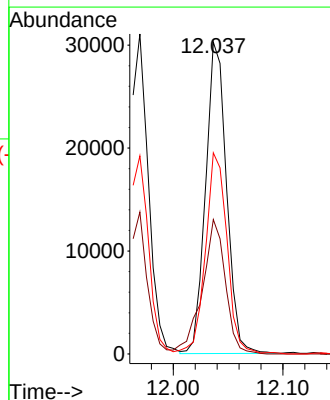
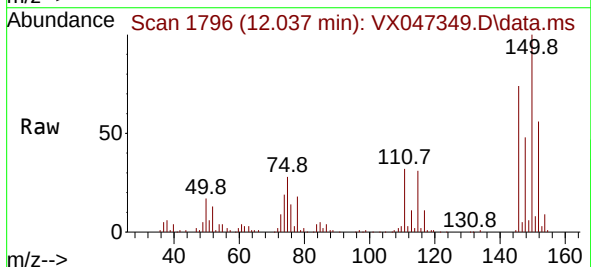
Tgt Ion:146 Resp: 40089

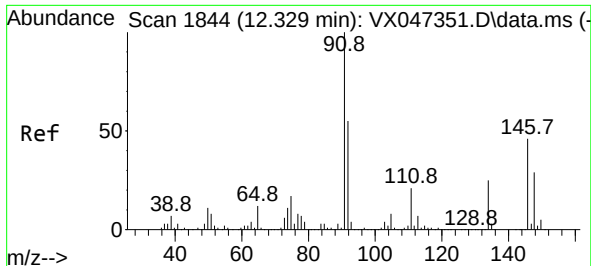
Ion Ratio Lower Upper

146 100

111 47.8 20.4 61.2

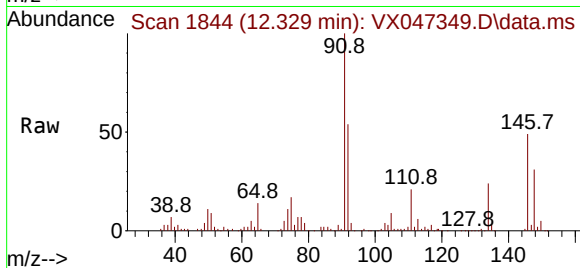
148 66.7 31.7 95.1





#89
n-Butylbenzene
Concen: 4.461 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

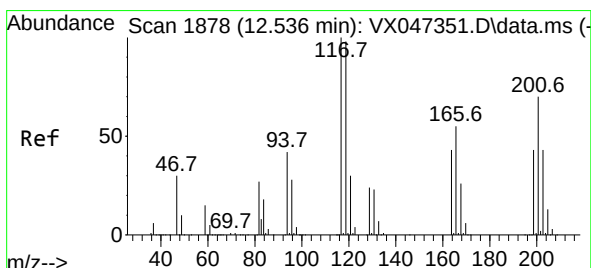
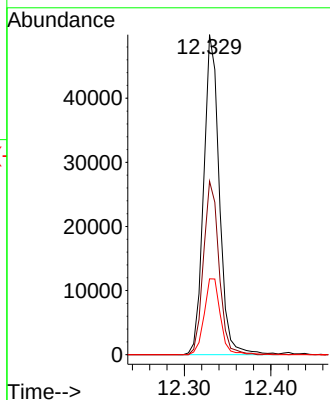
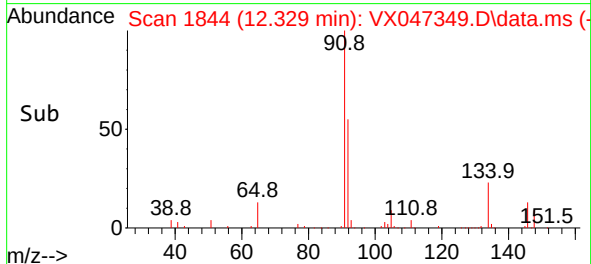
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 62660
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.5
134 24.6 12.6 37.8

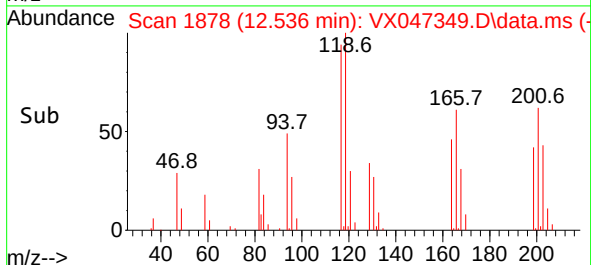
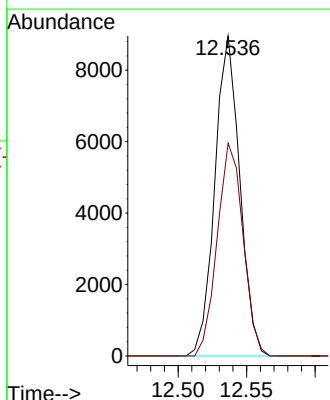
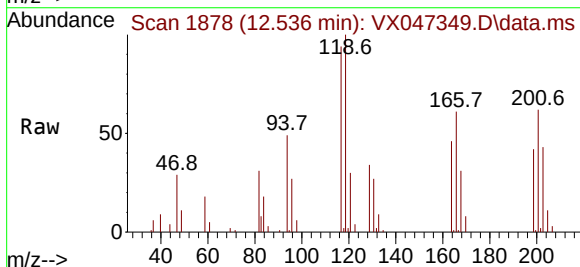
Manual Integrations
APPROVED

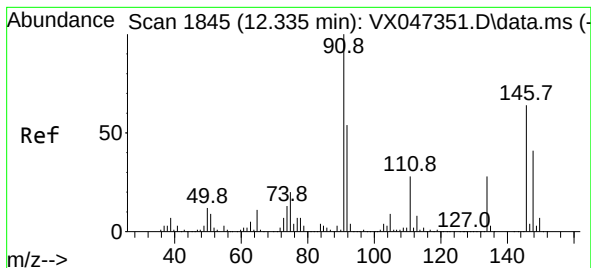
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 4.274 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

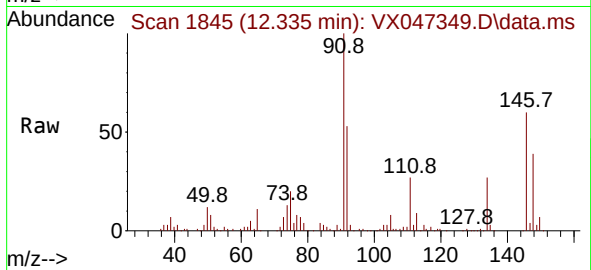
Tgt Ion:117 Resp: 11325
Ion Ratio Lower Upper
117 100
201 68.9 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 4.667 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

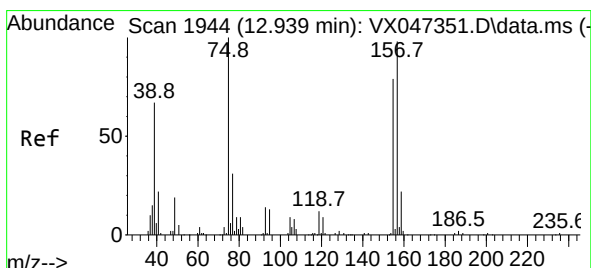
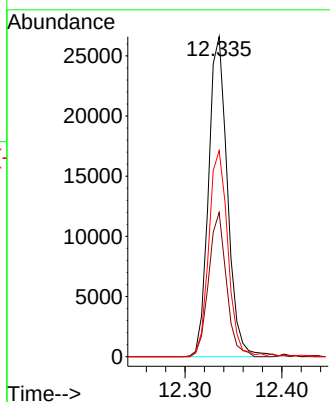
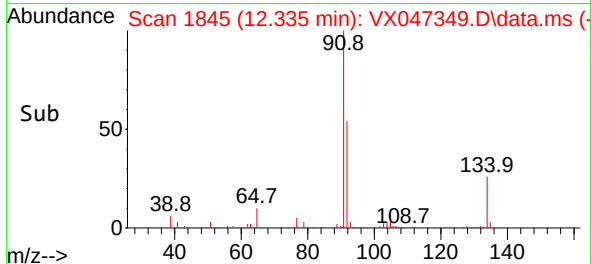
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



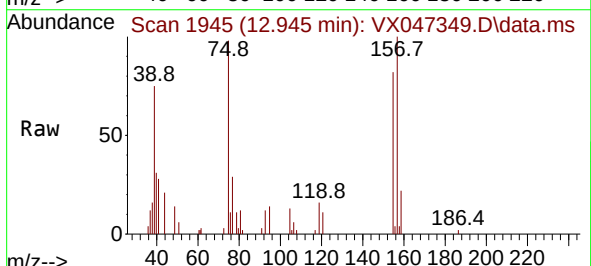
Tgt Ion:146 Resp: 3624
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.1
148 65.2 31.9 95.5

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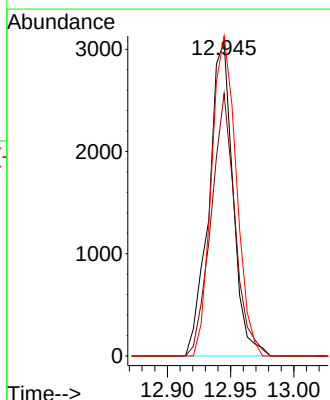
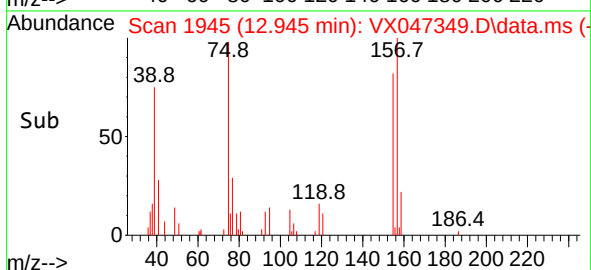
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

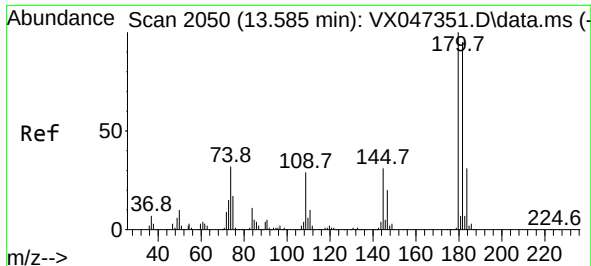


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.097 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40



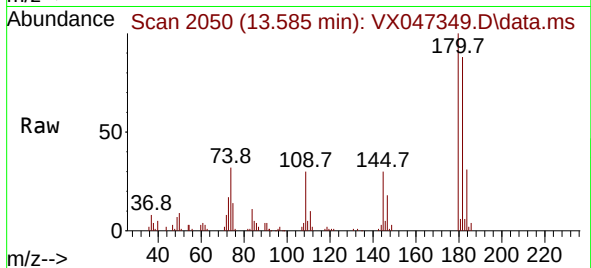
Tgt Ion: 75 Resp: 4081
Ion Ratio Lower Upper
75 100
155 82.5 41.3 123.7
157 104.4 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 4.432 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

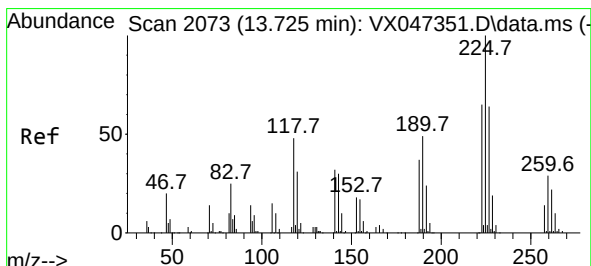
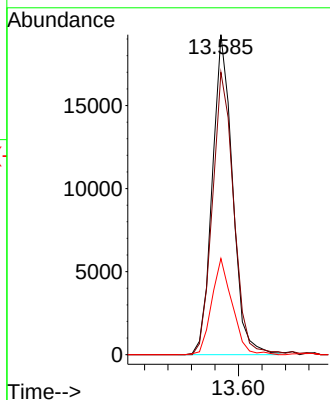
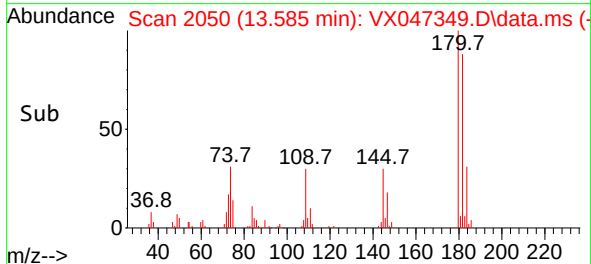
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



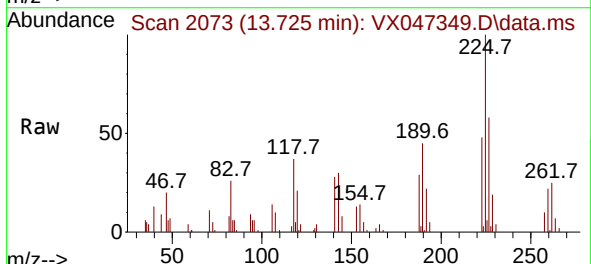
Tgt Ion:180 Resp: 23080
Ion Ratio Lower Upper
180 100
182 92.4 48.1 144.4
145 30.4 16.2 48.5

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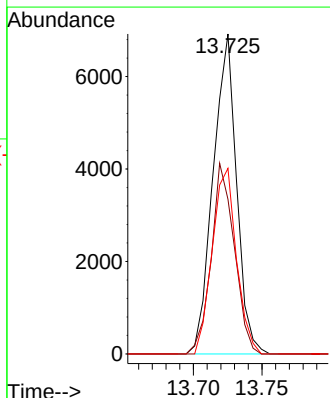
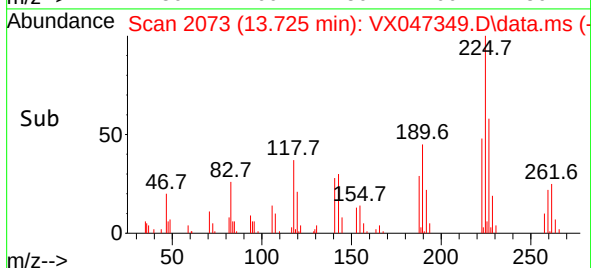
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

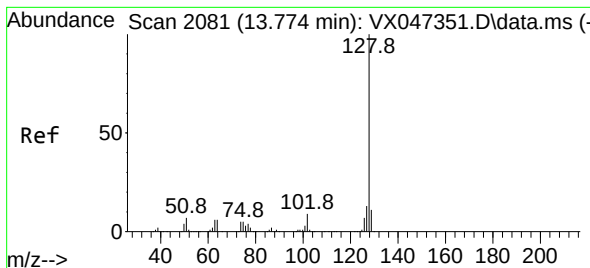


#94
Hexachlorobutadiene
Concen: 4.436 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40



Tgt Ion:225 Resp: 8221
Ion Ratio Lower Upper
225 100
223 58.6 32.2 96.6
227 60.0 31.6 95.0





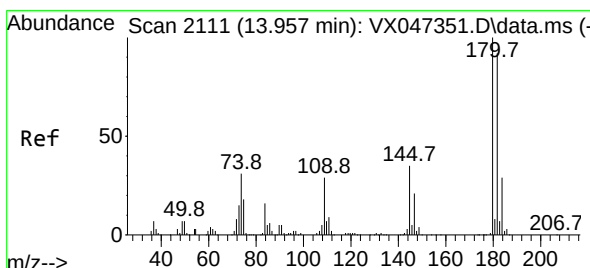
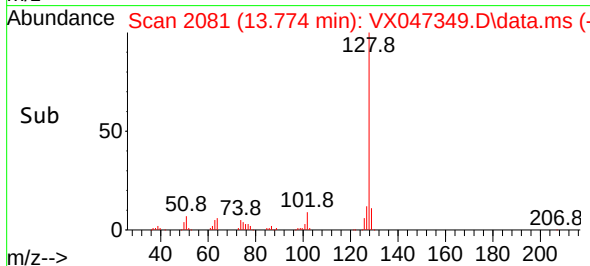
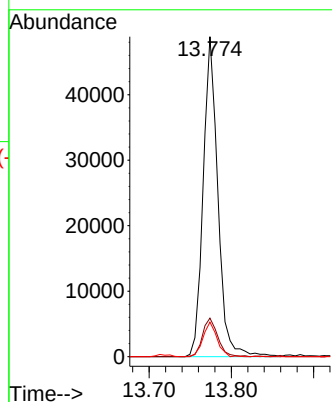
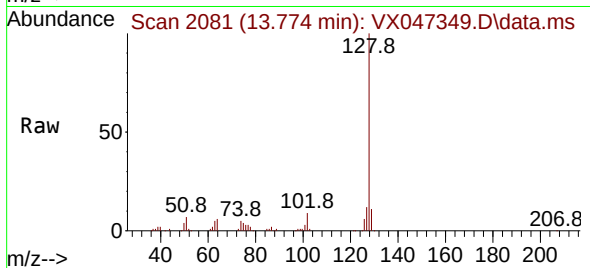
#95
Naphthalene
Concen: 4.076 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 6064
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.3 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: 4.199 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047349.D
Acq: 15 Aug 2025 09:40

Tgt Ion:180 Resp: 20611
Ion Ratio Lower Upper
180 100
182 97.0 48.0 144.2
145 34.3 17.4 52.2

