

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047055.D
 Acq On : 21 Jul 2025 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 22 03:35:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	337975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	582229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266871	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.185	85	3490	0.777	ug/l	87
3) Chloromethane	1.307	50	3931	0.885	ug/l #	86
4) Vinyl Chloride	1.392	62	3909	0.819	ug/l	94
6) Chloroethane	1.709	64	3698	1.180	ug/l	95
7) Trichlorofluoromethane	1.910	101	5767	0.810	ug/l	91
8) Diethyl Ether	2.154	74	2227	0.887	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	3769	0.879	ug/l	98
12) 1,1-Dichloroethene	2.343	96	3739	0.880	ug/l	94
14) Allyl chloride	2.684	41	6361	0.829	ug/l	86
15) Acrylonitrile	3.087	53	7013	3.493	ug/l	86
16) Acetone	2.392	43	9071	5.378	ug/l #	88
17) Carbon Disulfide	2.532	76	11039	0.898	ug/l #	91
18) Methyl Acetate	2.715	43	4440	0.991	ug/l #	68
19) Methyl tert-butyl Ether	3.130	73	11087	0.858	ug/l	98
20) Methylene Chloride	2.800	84	4289	0.924	ug/l #	91
21) trans-1,2-Dichloroethene	3.111	96	3590	0.826	ug/l #	92
22) Diisopropyl ether	3.776	45	12222	0.828	ug/l	92
23) Vinyl Acetate	3.739	43	45048	3.805	ug/l	100
24) 1,1-Dichloroethane	3.629	63	7054	0.859	ug/l #	94
25) 2-Butanone	4.617	43	10725	4.367	ug/l	99
26) 2,2-Dichloropropane	4.495	77	5905	0.929	ug/l	88
27) cis-1,2-Dichloroethene	4.501	96	4527	0.880	ug/l	84
28) Bromochloromethane	4.916	49	3092	0.819	ug/l #	98
29) Tetrahydrofuran	5.032	42	6164	3.890	ug/l #	87
30) Chloroform	5.111	83	7976	0.955	ug/l	86
32) 1,1,1-Trichloroethane	5.397	97	6496	0.895	ug/l #	51
36) 1,1-Dichloropropene	5.708	75	6705	1.094	ug/l #	87
37) Ethyl Acetate	4.751	43	5770m	1.068	ug/l	
38) Carbon Tetrachloride	5.696	117	6120	0.936	ug/l	96
39) Methylcyclohexane	7.379	83	6794	0.888	ug/l	90
40) Benzene	6.050	78	15450	0.871	ug/l	91
41) Methacrylonitrile	4.971	41	2166	0.734	ug/l #	74
42) 1,2-Dichloroethane	6.105	62	5449	0.872	ug/l	98
43) Isopropyl Acetate	6.367	43	6134	0.697	ug/l #	94
44) Trichloroethene	7.147	130	4075	0.896	ug/l	62
45) 1,2-Dichloropropane	7.440	63	3895	0.877	ug/l	93

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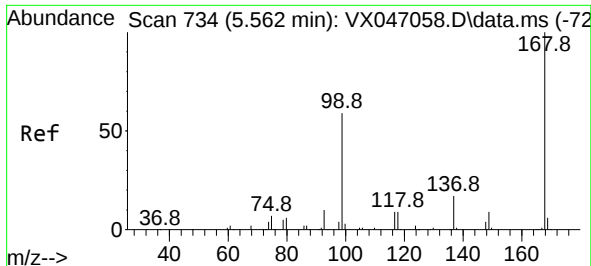
Quant Time: Jul 22 03:35:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
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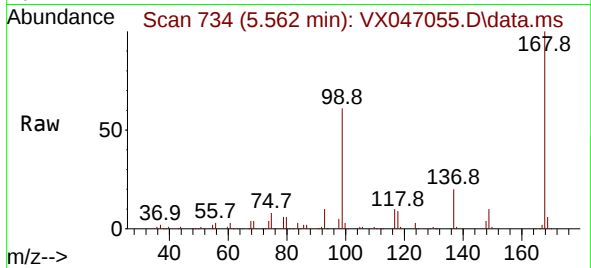
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2372	0.762	ug/l	88
47) Bromodichloromethane	7.830	83	5749	0.867	ug/l #	87
48) Methyl methacrylate	7.714	41	4863m	1.014	ug/l	
49) 1,4-Dioxane	7.684	88	700m	12.834	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	21616	4.131	ug/l	95
52) Toluene	8.726	92	8872	0.814	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	4993	0.798	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	5149	0.751	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	3490	0.853	ug/l #	88
56) Ethyl methacrylate	9.128	69	3978	0.657	ug/l	91
57) 1,3-Dichloropropane	9.311	76	6170	0.868	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.251	63	11010	3.268	ug/l	98
59) 2-Hexanone	9.439	43	11200	3.240	ug/l	87
60) Dibromochloromethane	9.525	129	3998	0.834	ug/l	91
61) 1,2-Dibromoethane	9.616	107	3885	0.909	ug/l	98
64) Tetrachloroethene	9.275	164	3363	0.892	ug/l #	90
65) Chlorobenzene	10.080	112	10754	0.878	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	3699	0.897	ug/l #	64
67) Ethyl Benzene	10.195	91	18959	0.886	ug/l	100
68) m/p-Xylenes	10.299	106	14496	1.809	ug/l	94
69) o-Xylene	10.640	106	6125	0.804	ug/l	91
70) Styrene	10.659	104	10704	0.819	ug/l	93
71) Bromoform	10.799	173	2687	0.858	ug/l #	97
73) Isopropylbenzene	10.964	105	16971	0.806	ug/l	100
74) N-amyl acetate	10.848	43	6726m	0.801	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.213	83	5223	0.868	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	4019m	0.814	ug/l	
77) Bromobenzene	11.201	156	4251	0.842	ug/l	94
78) n-propylbenzene	11.305	91	20259	0.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	12959	0.862	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	14083	0.810	ug/l	98
82) 4-Chlorotoluene	11.457	91	14521	0.827	ug/l	97
83) tert-Butylbenzene	11.713	119	14652	0.839	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	13354	0.770	ug/l	98
85) sec-Butylbenzene	11.890	105	17765	0.814	ug/l	95
86) p-Isopropyltoluene	12.006	119	14016	0.775	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	8335	0.869	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	8857m	0.911	ug/l	
89) n-Butylbenzene	12.329	91	14116	0.832	ug/l	95
90) Hexachloroethane	12.536	117	2772	0.857	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	8184	0.892	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	749	0.649	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	4906	0.810	ug/l	98
94) Hexachlorobutadiene	13.725	225	1785	0.866	ug/l	98
95) Naphthalene	13.780	128	12647	0.712	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4936	0.846	ug/l	95

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
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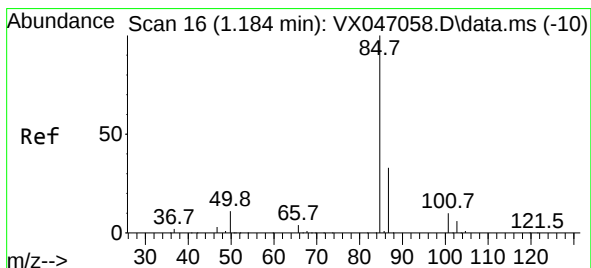
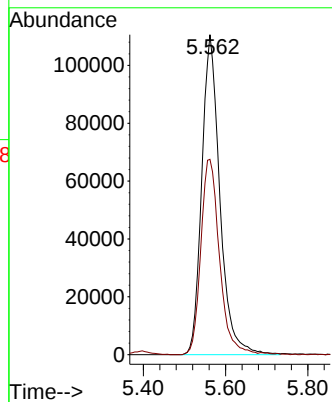
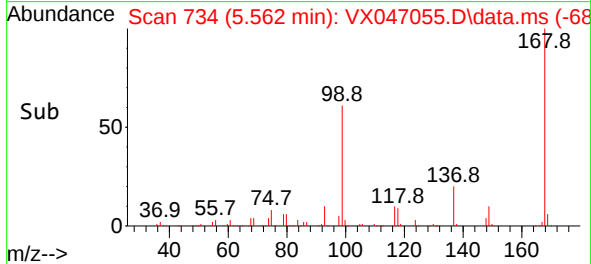
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 337975
Ion Ratio Lower Upper
168 100
99 61.0 48.0 72.0

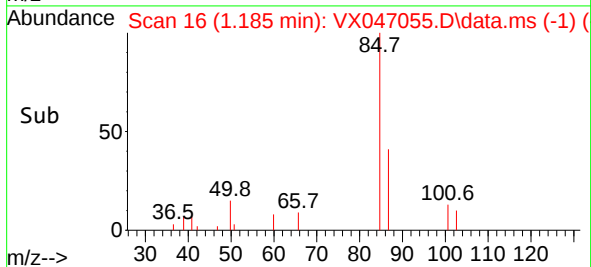
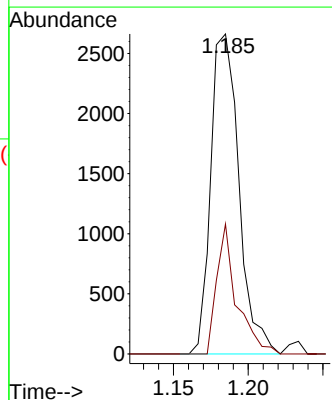
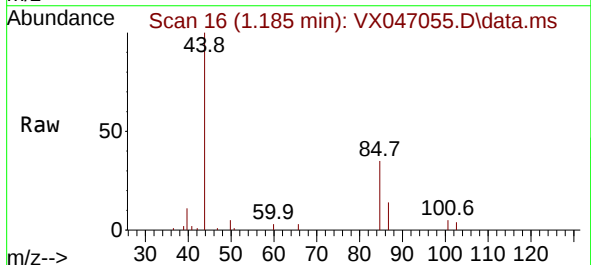
Manual Integrations
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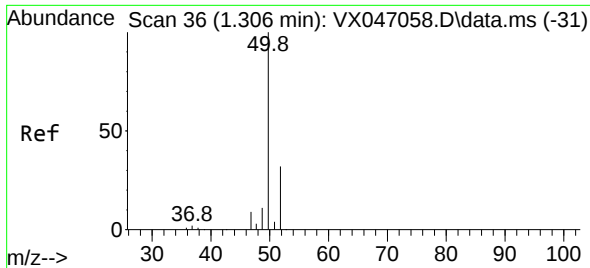
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#2
Dichlorodifluoromethane
Concen: 0.777 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

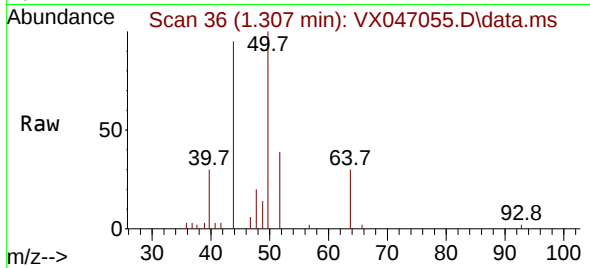
Tgt Ion: 85 Resp: 3490
Ion Ratio Lower Upper
85 100
87 40.6 16.6 49.8





#3
Chloromethane
Concen: 0.885 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

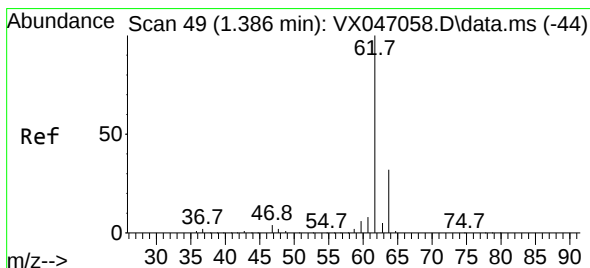
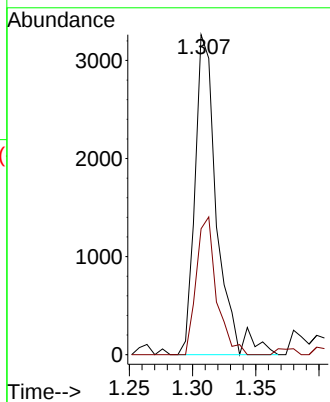
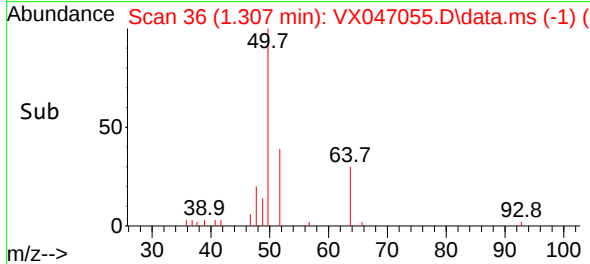
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 39.4 25.4 38.2

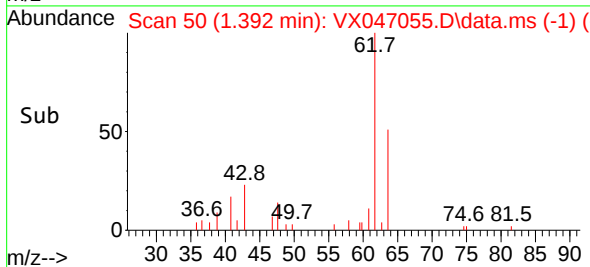
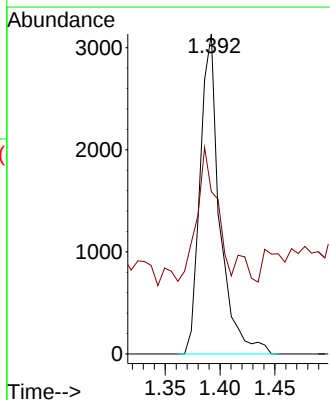
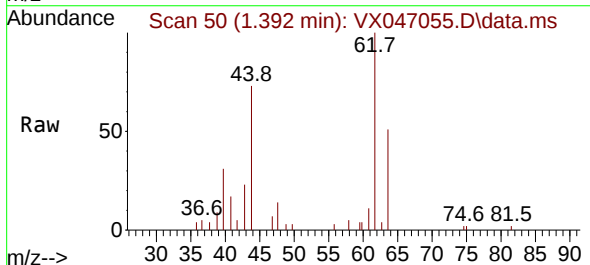
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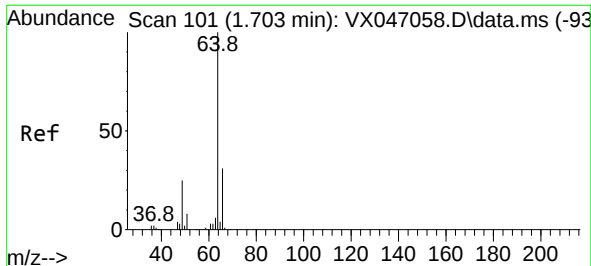
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#4
Vinyl Chloride
Concen: 0.819 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

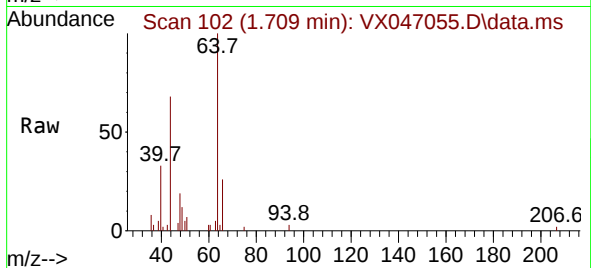
Tgt Ion: 62 Resp: 3909
Ion Ratio Lower Upper
62 100
64 28.0 25.2 37.8





#6
Chloroethane
Concen: 1.180 ug/l
RT: 1.709 min Scan# 101
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

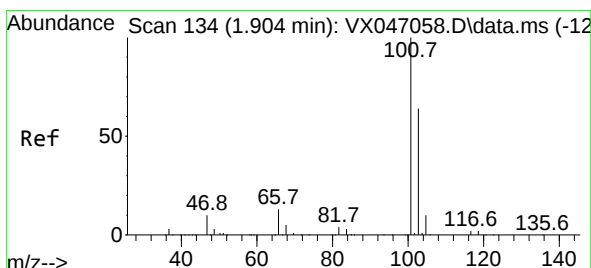
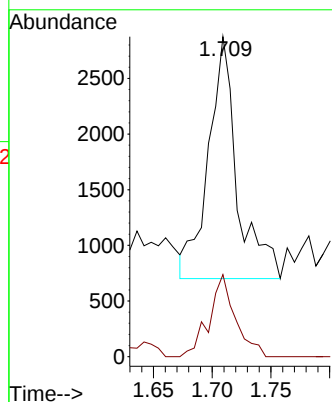
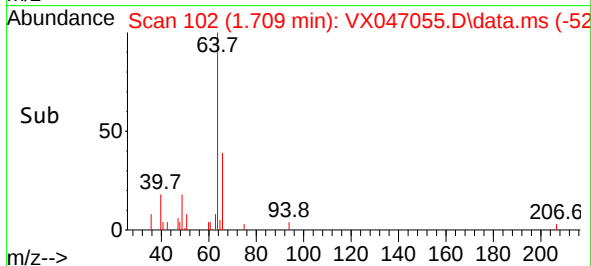
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 3698
Ion Ratio Lower Upper
64 100
66 34.0 25.0 37.6

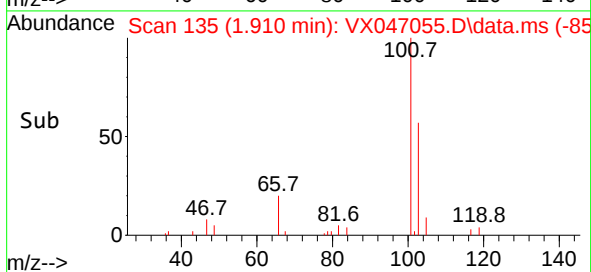
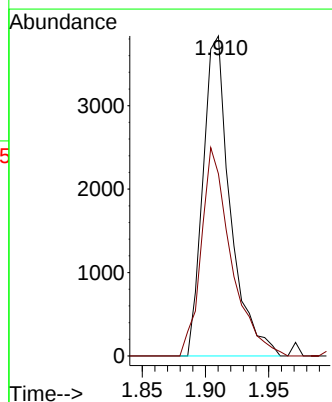
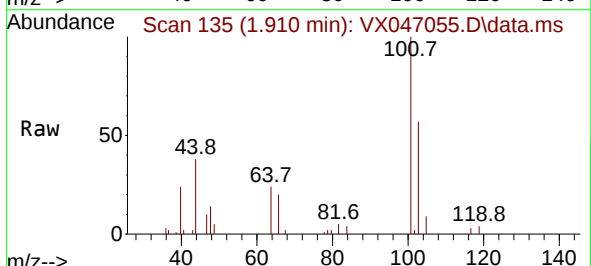
Manual Integrations
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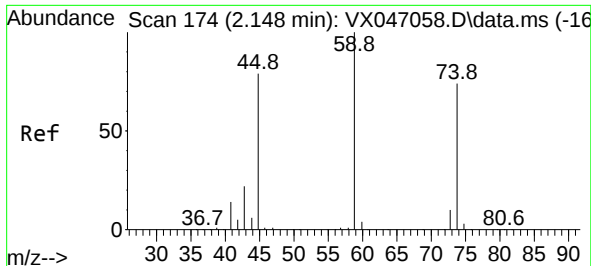
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#7
Trichlorofluoromethane
Concen: 0.810 ug/l
RT: 1.910 min Scan# 135
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

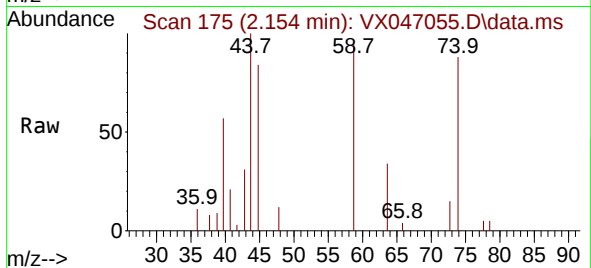
Tgt Ion:101 Resp: 5767
Ion Ratio Lower Upper
101 100
103 56.9 50.9 76.3





#8
Diethyl Ether
Concen: 0.887 ug/l
RT: 2.154 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

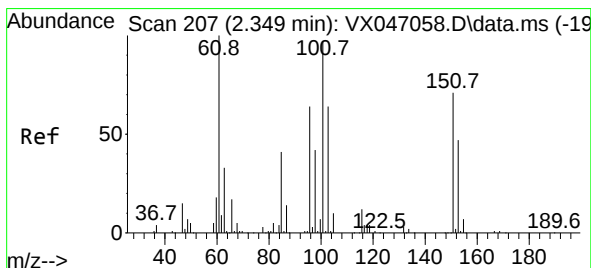
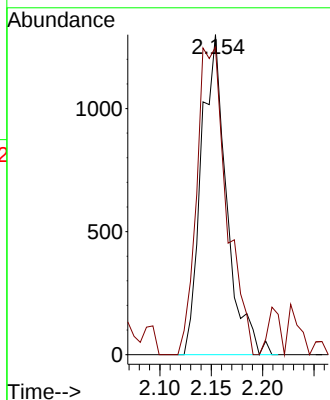
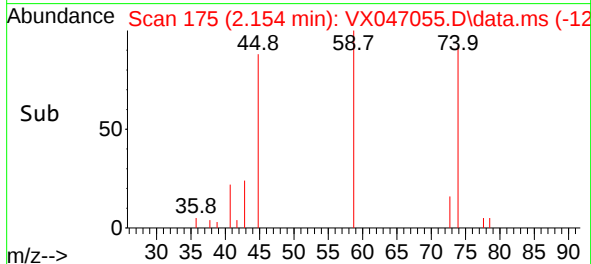
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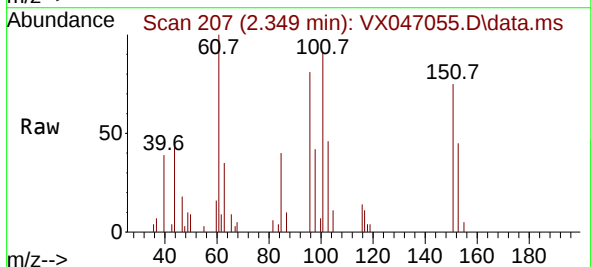
Tgt Ion: 74 Resp: 222
Ion Ratio Lower Upper
74 100
45 113.7 53.0 159.0

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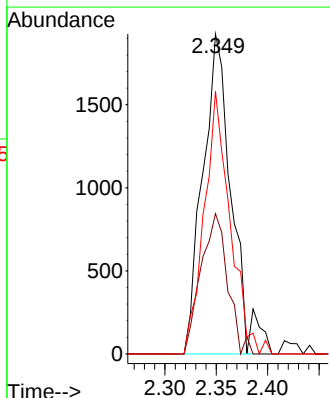
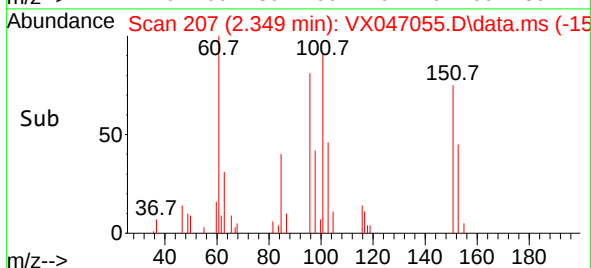
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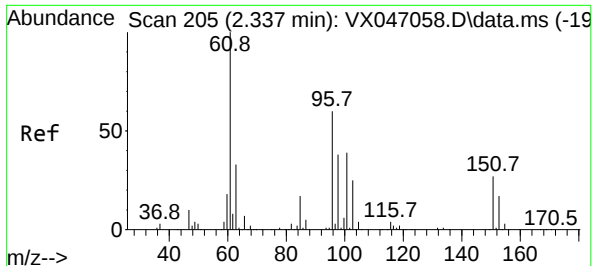


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.879 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion:101 Resp: 3769
Ion Ratio Lower Upper
101 100
85 40.5 35.4 53.0
151 73.5 59.2 88.8





#12

1,1-Dichloroethene

Concen: 0.880 ug/l

RT: 2.343 min Scan# 205

Delta R.T. 0.007 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 3739

Ion Ratio Lower Upper

96 100

61 159.0 132.6 198.8

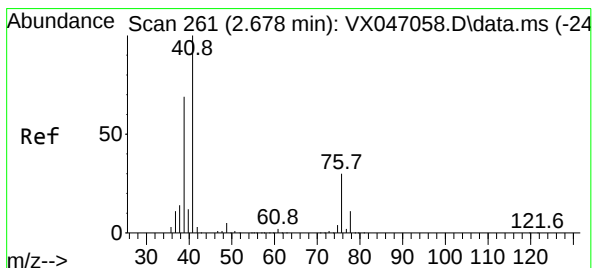
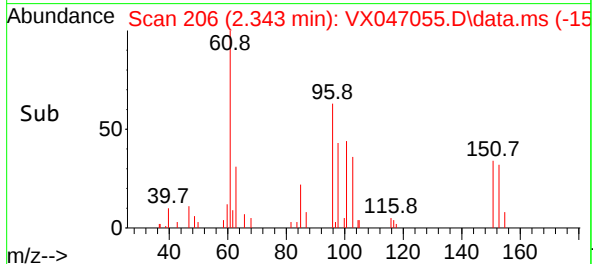
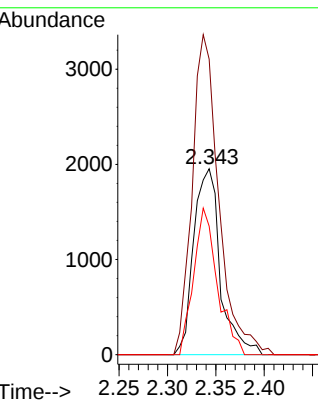
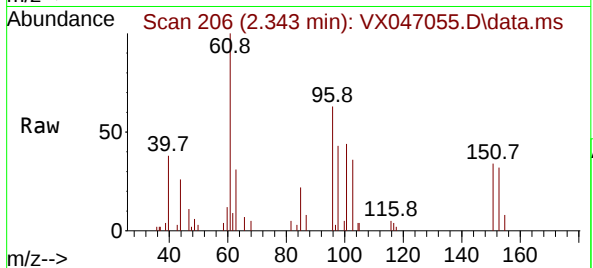
98 69.1 50.2 75.4

Manual Integrations

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Supervised By :Mahesh Dadoda 07/22/2025



#14

Allyl chloride

Concen: 0.829 ug/l

RT: 2.684 min Scan# 262

Delta R.T. 0.007 min

Lab File: VX047055.D

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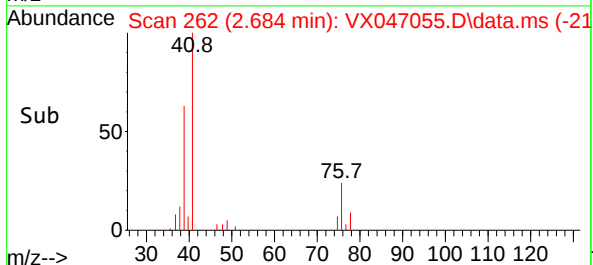
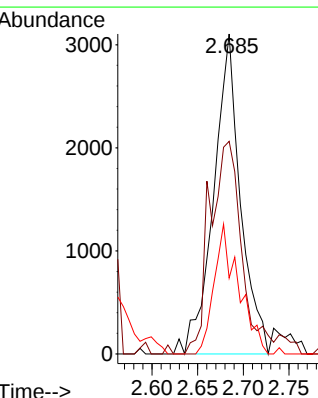
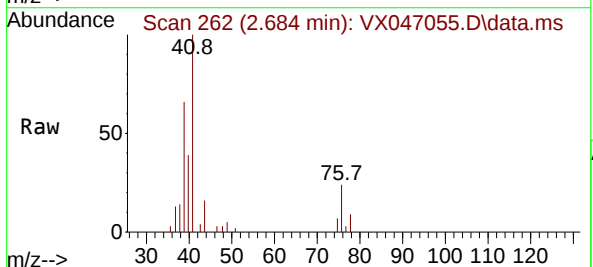
Tgt Ion: 41 Resp: 6361

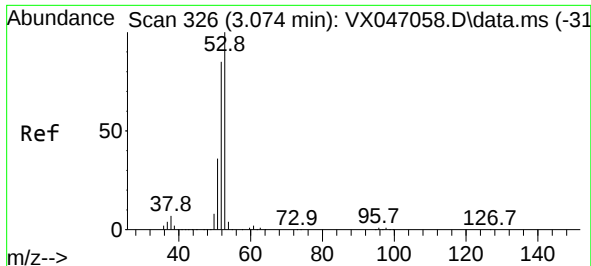
Ion Ratio Lower Upper

41 100

39 78.3 52.6 78.8

76 37.1 25.7 38.5





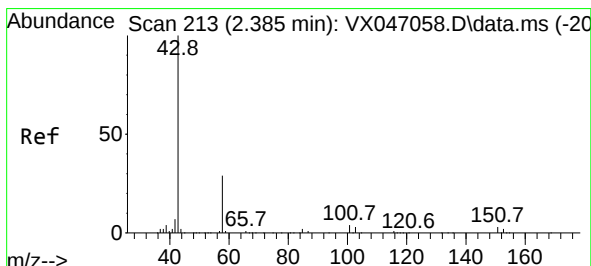
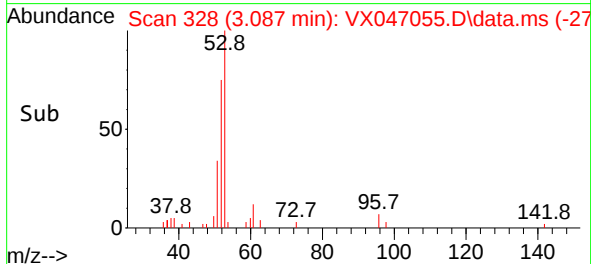
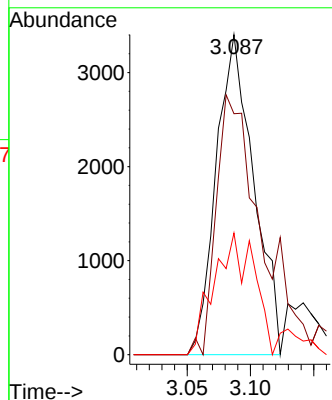
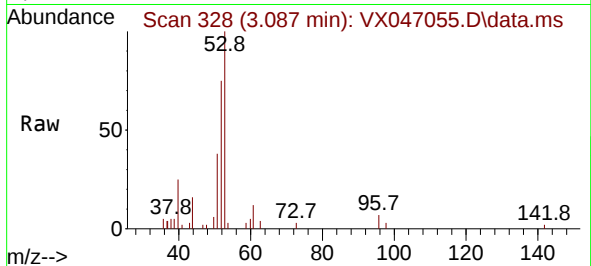
#15
Acrylonitrile
Concen: 3.493 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 701
Ion Ratio Lower Upper
53 100
52 96.5 65.7 98.5
51 40.6 28.8 43.2

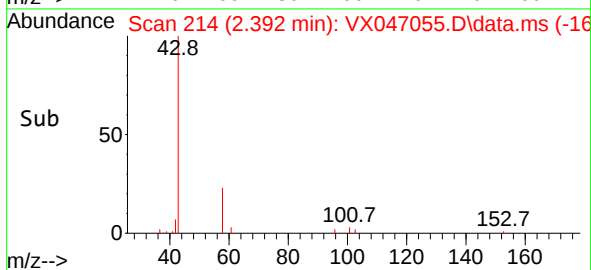
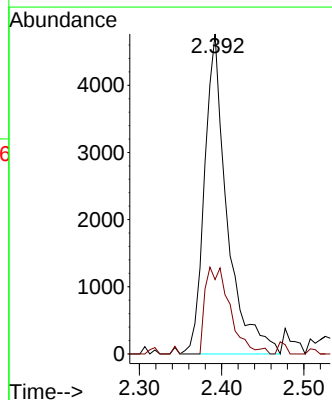
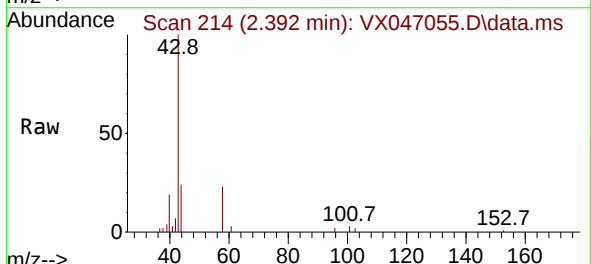
Manual Integrations
APPROVED

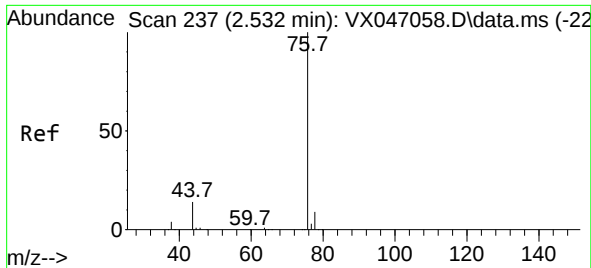
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#16
Acetone
Concen: 5.378 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 43 Resp: 9071
Ion Ratio Lower Upper
43 100
58 23.3 24.0 36.0#





#17

Carbon Disulfide

Concen: 0.898 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 11039

Ion Ratio Lower Upper

76 100

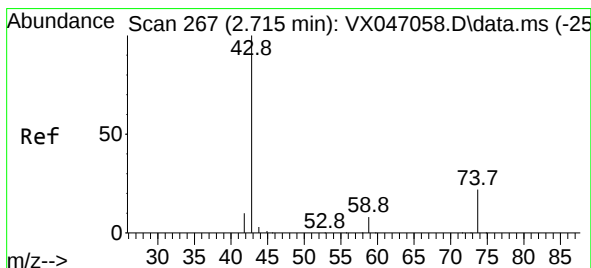
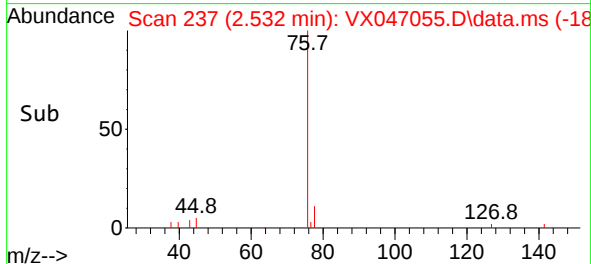
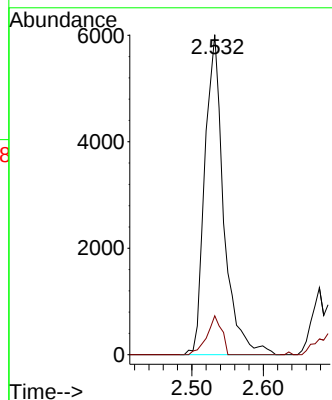
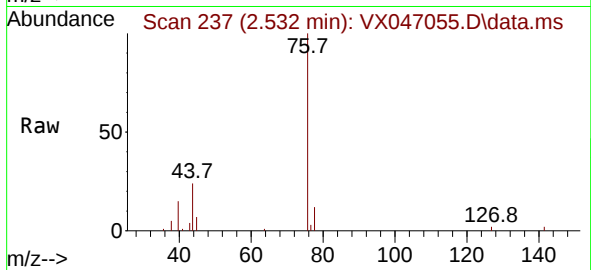
78 11.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#18

Methyl Acetate

Concen: 0.991 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047055.D

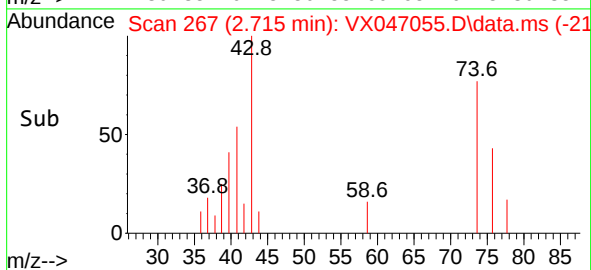
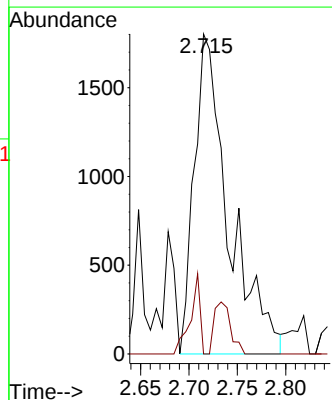
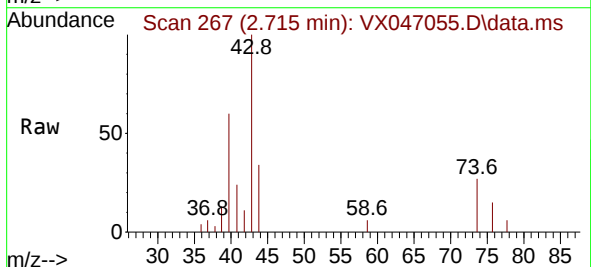
Acq: 21 Jul 2025 09:47

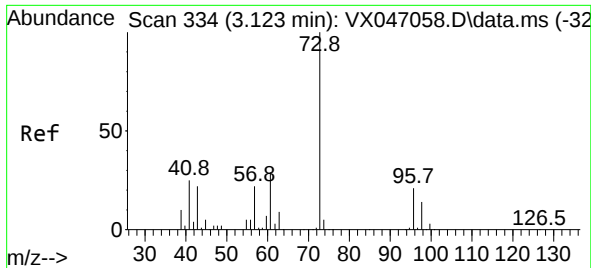
Tgt Ion: 43 Resp: 4440

Ion Ratio Lower Upper

43 100

74 7.0 17.7 26.5





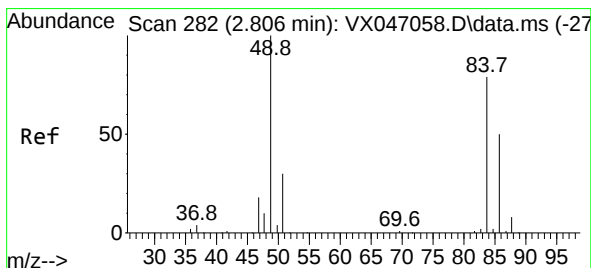
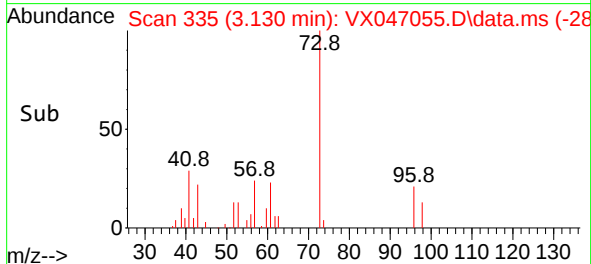
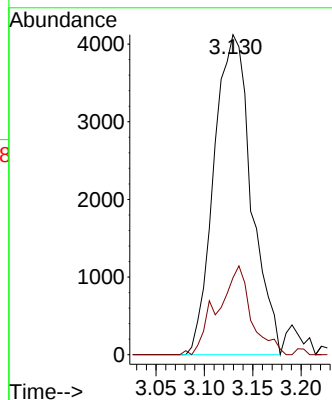
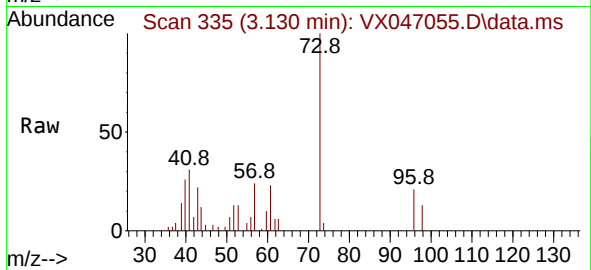
#19
Methyl tert-butyl Ether
Concen: 0.858 ug/l
RT: 3.130 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1108
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5

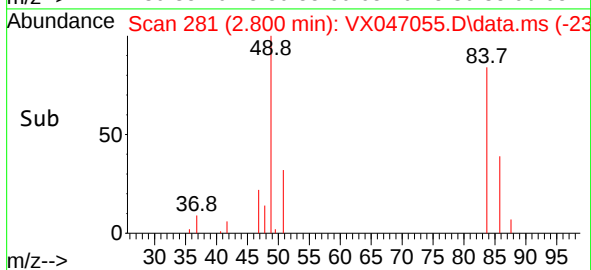
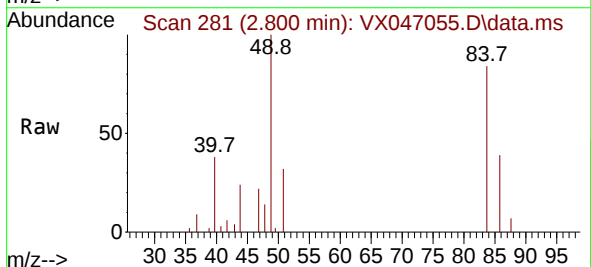
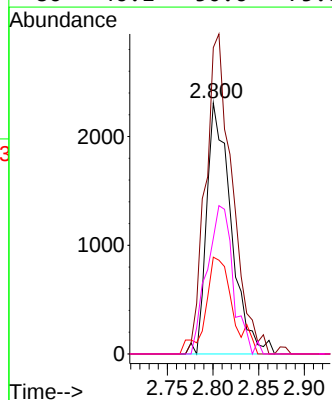
Manual Integrations
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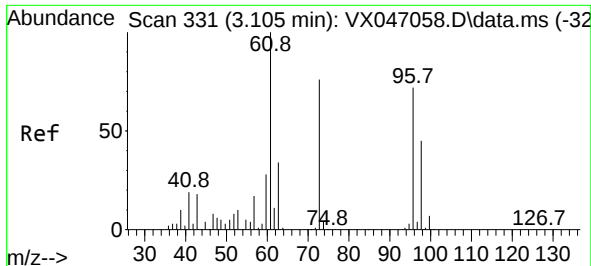
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 0.924 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

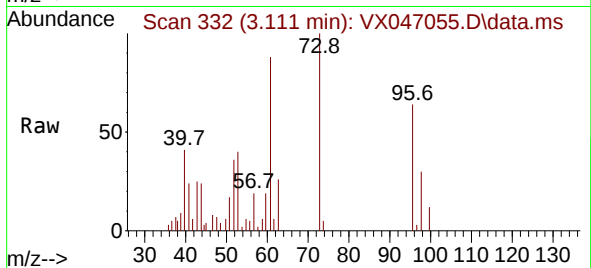
Tgt Ion: 84 Resp: 4289
Ion Ratio Lower Upper
84 100
49 122.0 101.6 152.4
51 38.6 30.3 45.5
86 46.1 50.6 75.8#





#21
trans-1,2-Dichloroethene
Concen: 0.826 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

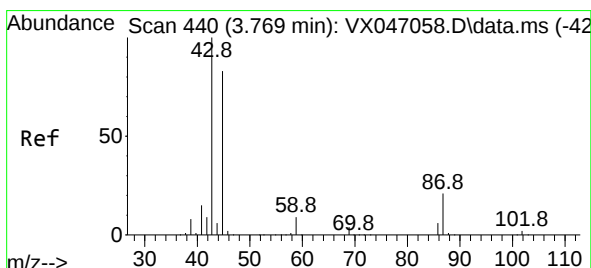
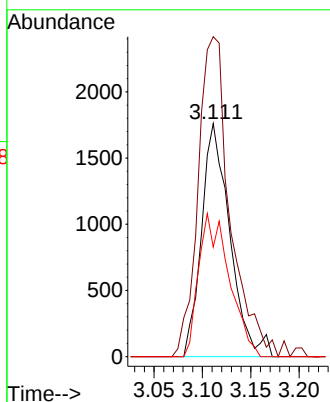
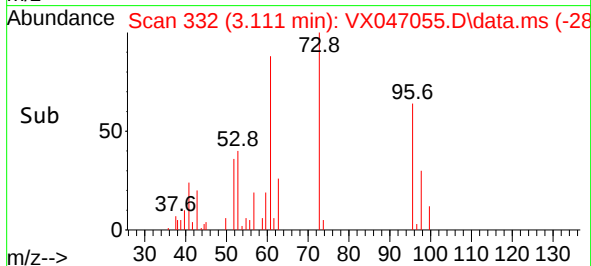
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 3590
Ion Ratio Lower Upper
96 100
61 140.5 111.1 166.7
98 45.0 49.6 74.4

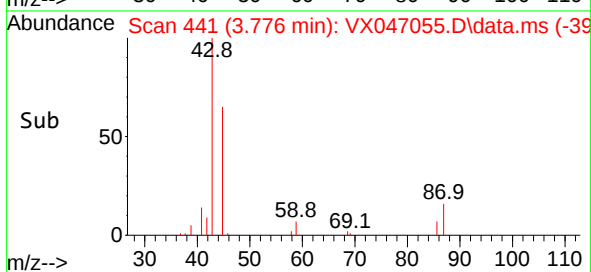
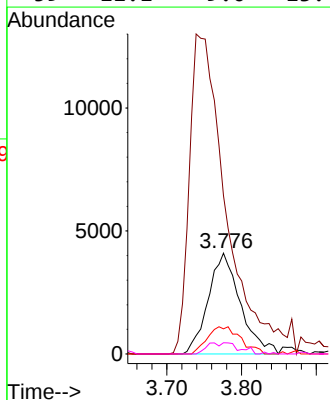
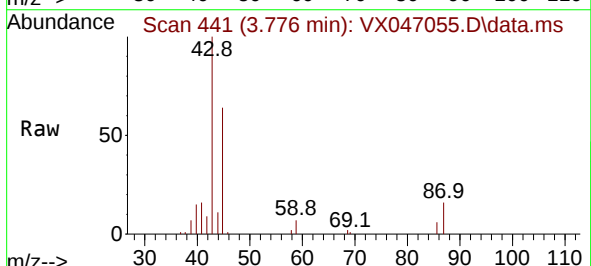
Manual Integrations
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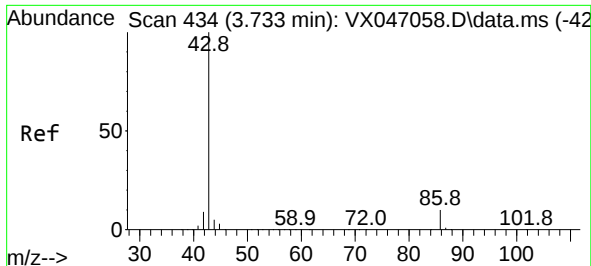
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#22
Diisopropyl ether
Concen: 0.828 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 45 Resp: 12222
Ion Ratio Lower Upper
45 100
43 132.0 96.8 145.2
87 24.9 20.5 30.7
59 11.1 9.0 13.4





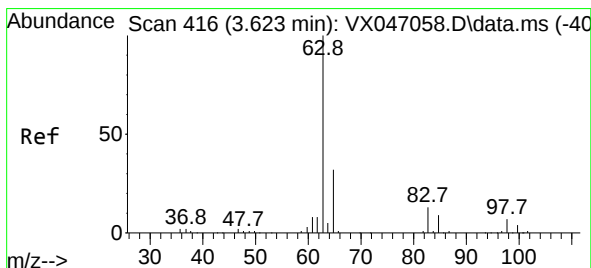
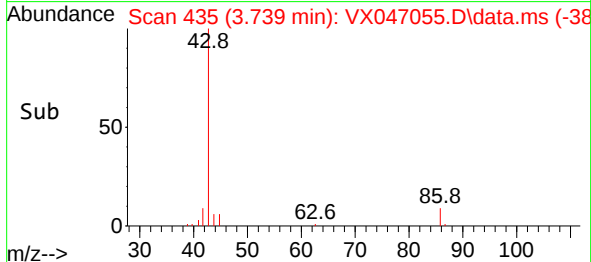
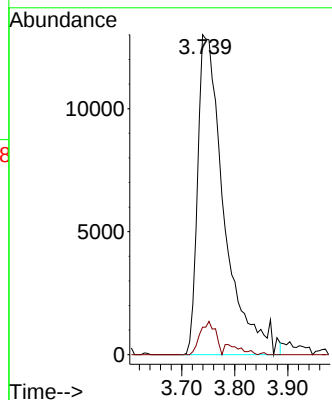
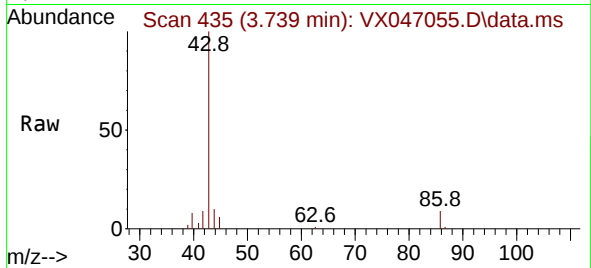
#23
 Vinyl Acetate
 Concen: 3.805 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX047055.D
 Acq: 21 Jul 2025 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 4504
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1

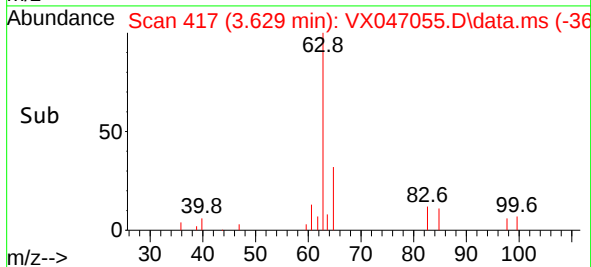
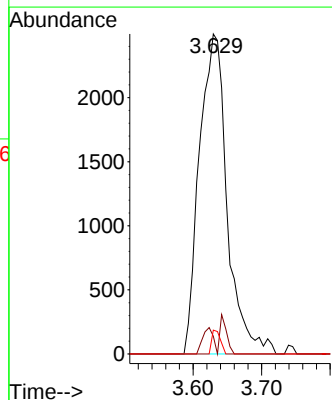
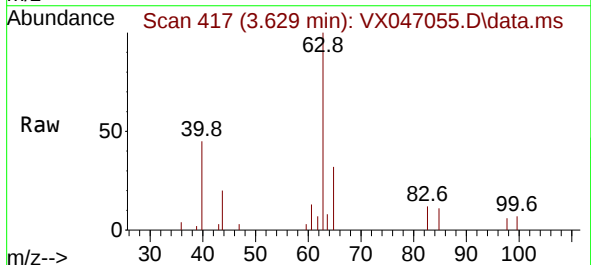
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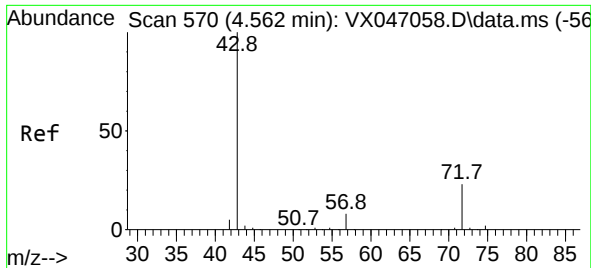
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#24
 1,1-Dichloroethane
 Concen: 0.859 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.007 min
 Lab File: VX047055.D
 Acq: 21 Jul 2025 09:47

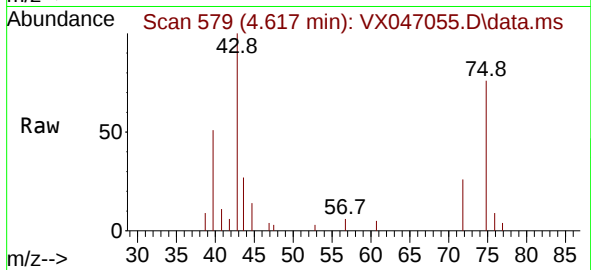
Tgt Ion: 63 Resp: 7054
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.6 10.8
 100 6.9 2.3 6.8#





#25
2-Butanone
Concen: 4.367 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

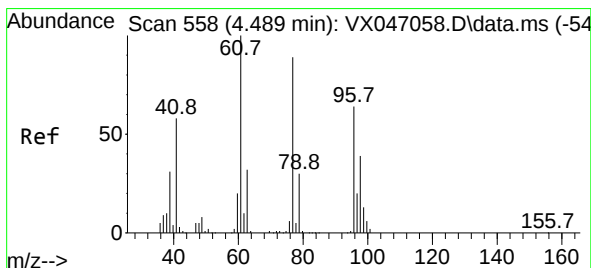
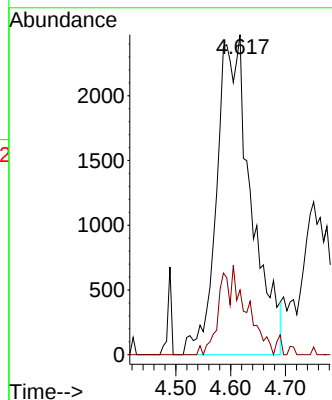
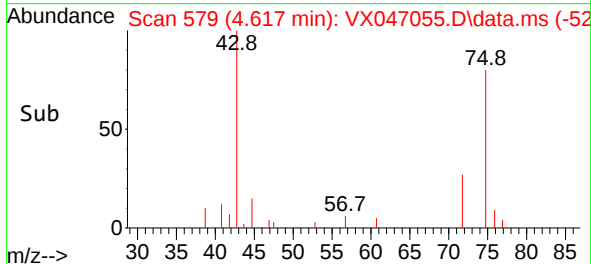
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
72 24.2 18.8 28.2

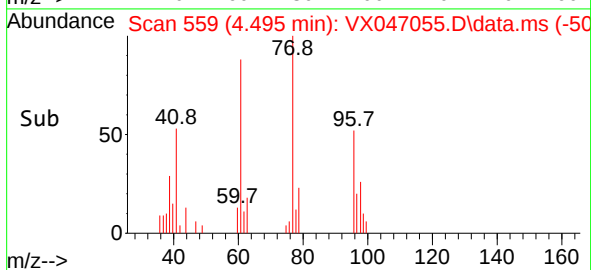
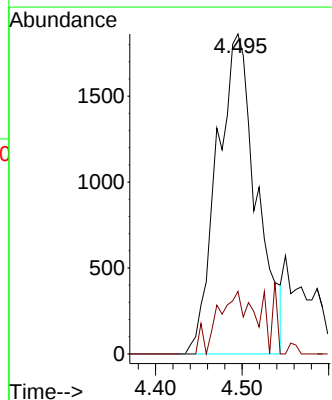
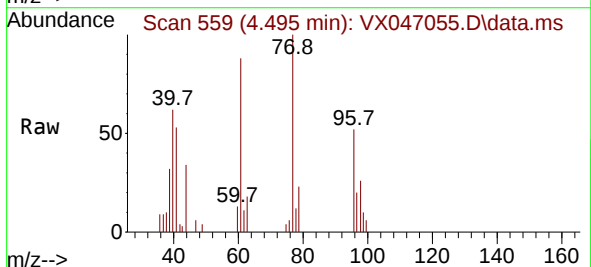
Manual Integrations
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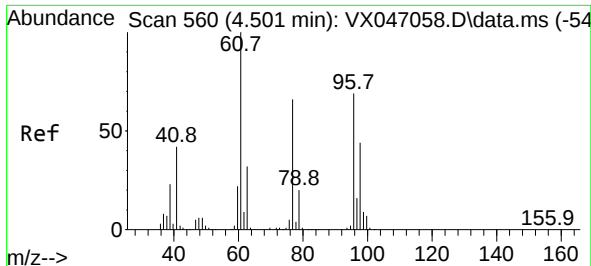
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#26
2,2-Dichloropropane
Concen: 0.929 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 77 Resp: 5905
Ion Ratio Lower Upper
77 100
97 16.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 0.880 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

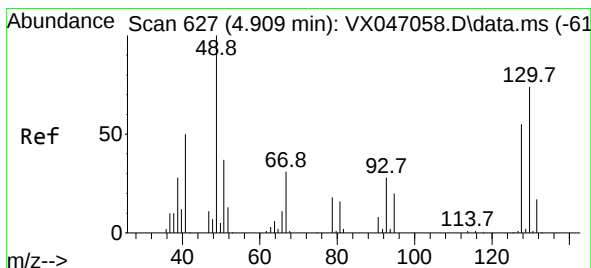
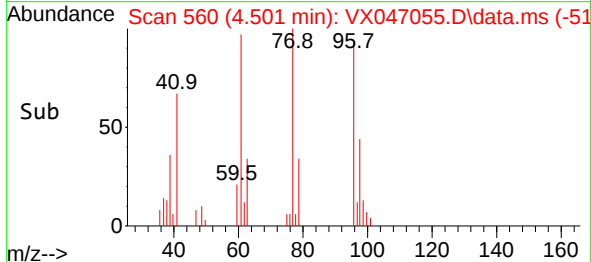
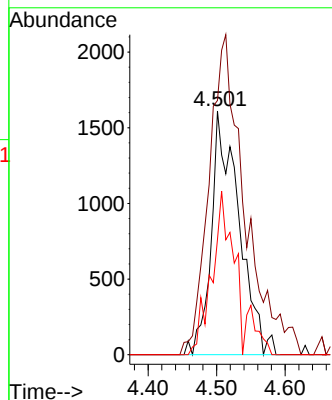
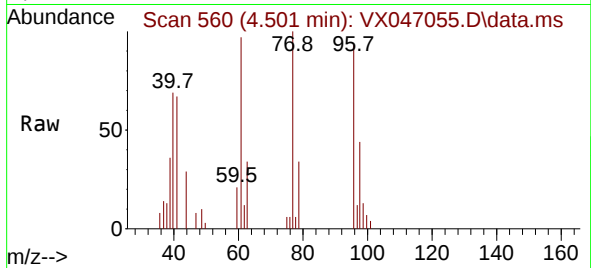
Tgt Ion: 96	Resp: 452
Ion Ratio	Lower Upper
96 100	
61 170.3	0.0 298.6
98 53.7	0.0 128.8

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#28

Bromochloromethane

Concen: 0.819 ug/l

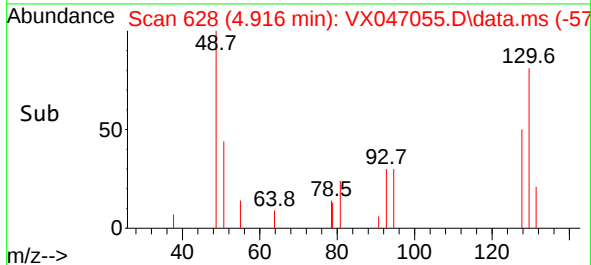
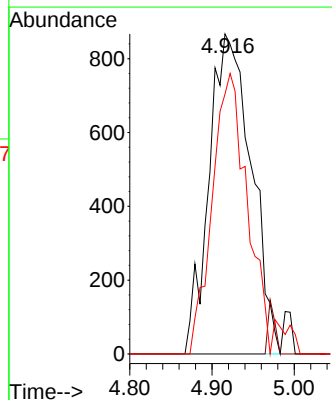
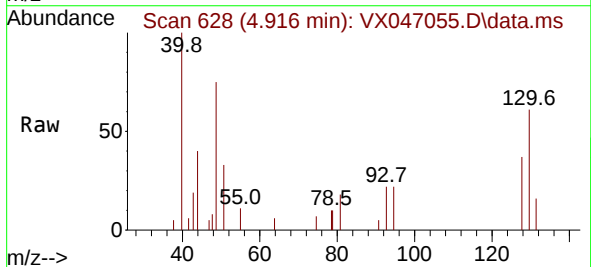
RT: 4.916 min Scan# 628

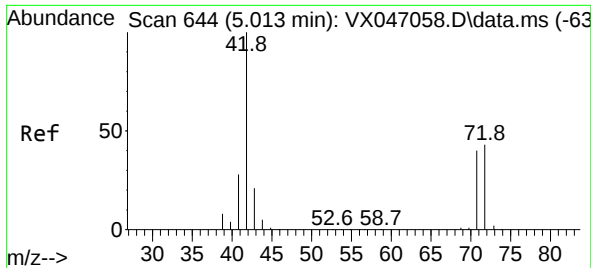
Delta R.T. 0.007 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

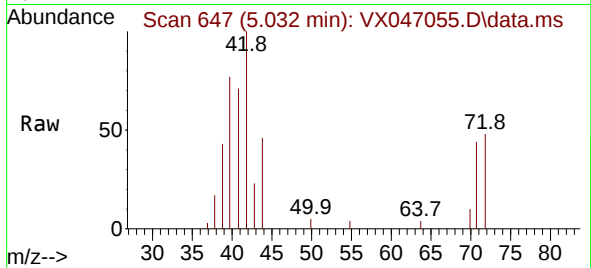
Tgt Ion: 49	Resp: 3092
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 72.3	59.0 88.4





#29
Tetrahydrofuran
Concen: 3.890 ug/l
RT: 5.032 min Scan# 644
Delta R.T. 0.019 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

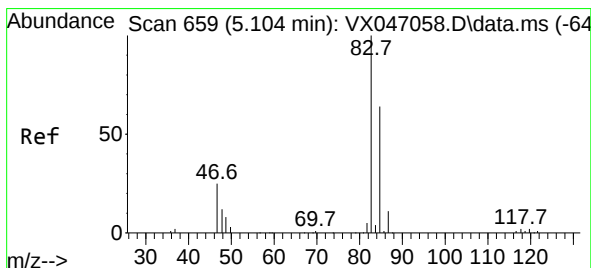
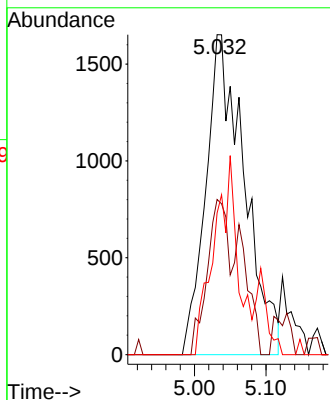
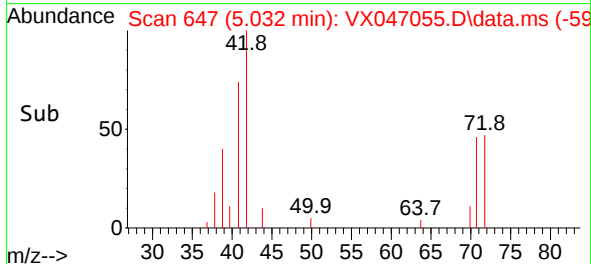
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



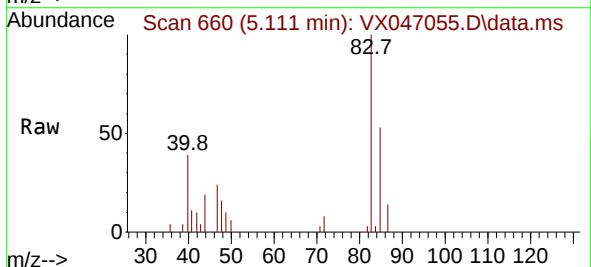
Tgt Ion: 42 Resp: 6164
Ion Ratio Lower Upper
42 100
72 26.7 33.7 50.5
71 38.0 31.0 46.4

Manual Integrations
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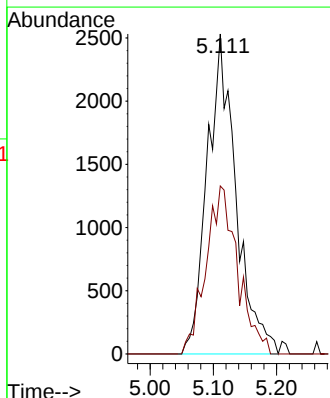
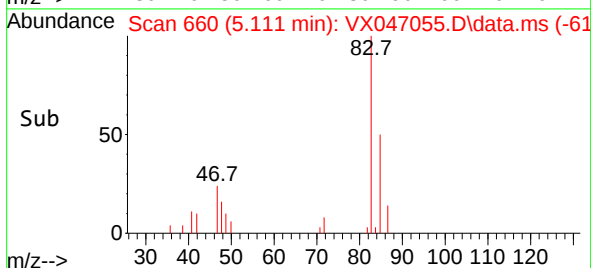
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

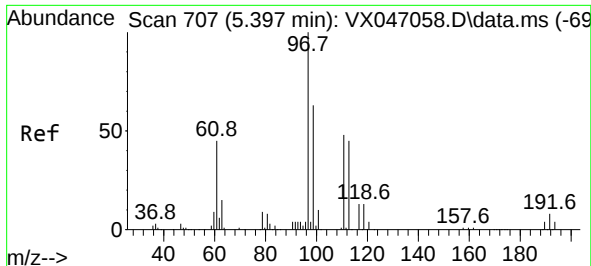


#30
Chloroform
Concen: 0.955 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion: 83 Resp: 7976
Ion Ratio Lower Upper
83 100
85 52.5 50.9 76.3





#32

1,1,1-Trichloroethane

Concen: 0.895 ug/l

RT: 5.397 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

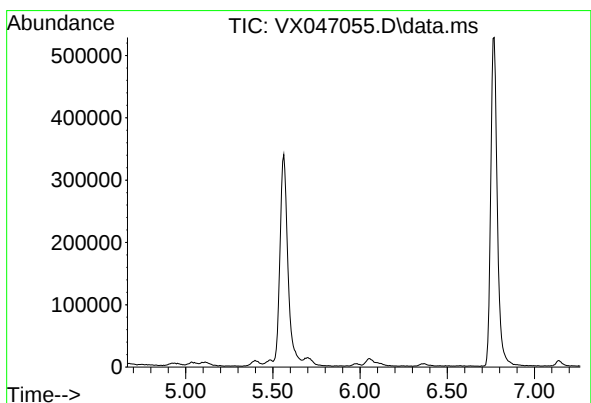
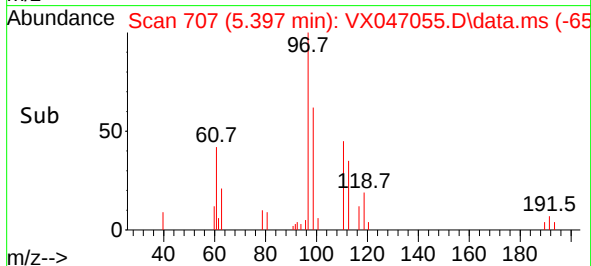
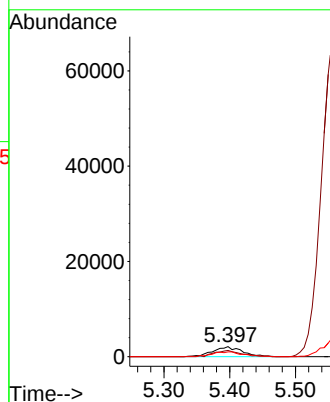
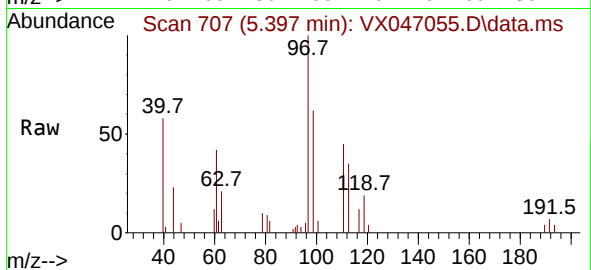
Tgt Ion: 97	Resp: 6490
Ion Ratio	Lower Upper
97	100
99	0.0 51.2 76.8
61	48.6 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.96 min

Lab File: VX047055.D

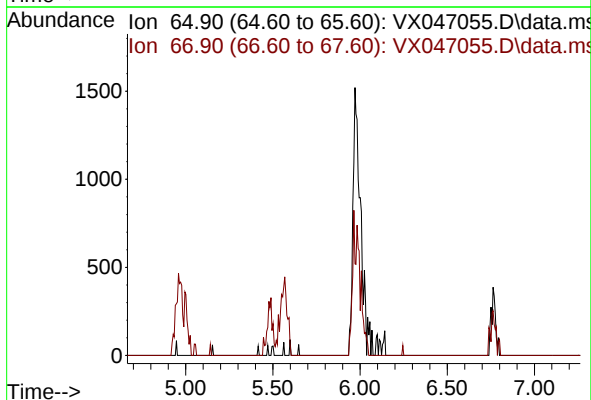
Acq: 21 Jul 2025 09:47

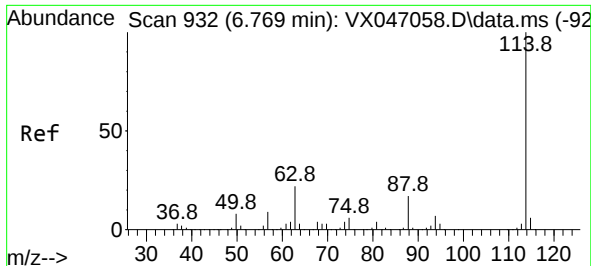
Tgt Ion: 65

Sig Exp Ratio

65 100

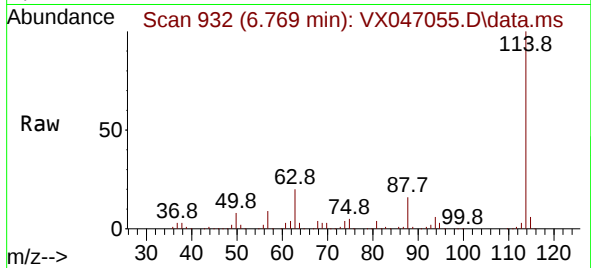
67 52.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

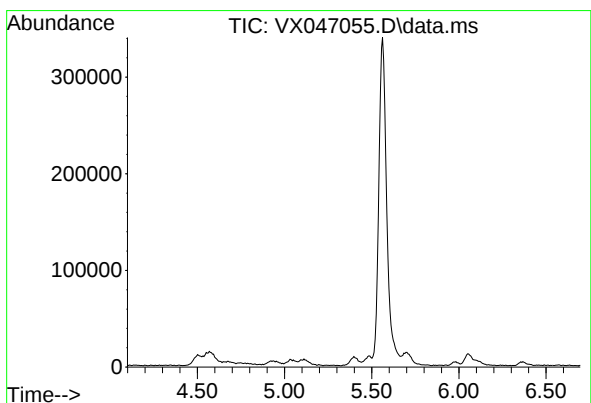
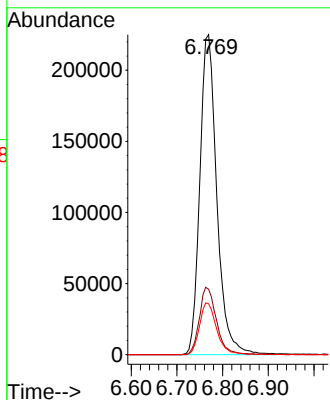
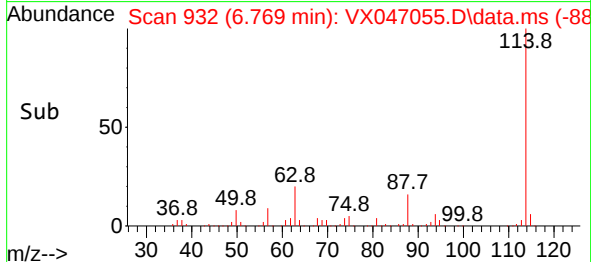
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 582229
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.9 0.0 33.8

Manual Integrations
APPROVED

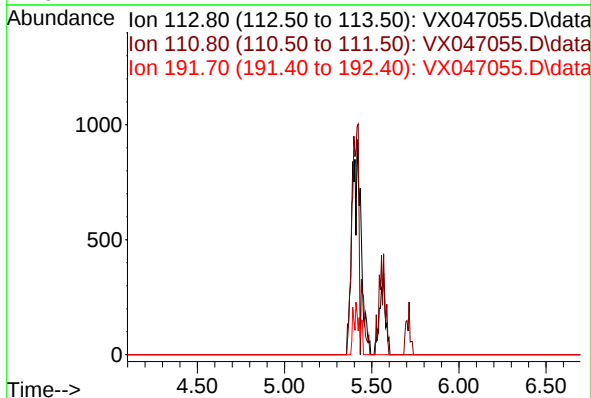
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

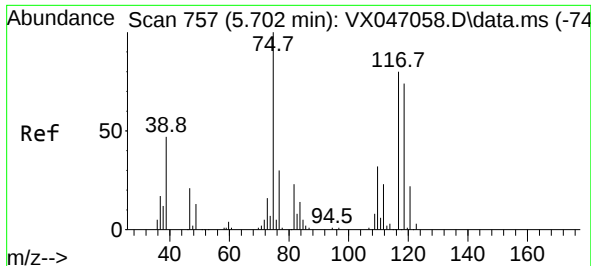


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.40 min

Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.3
192 18.6





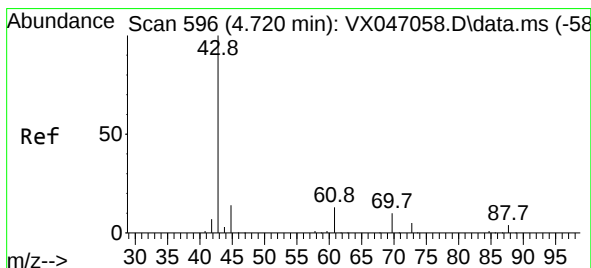
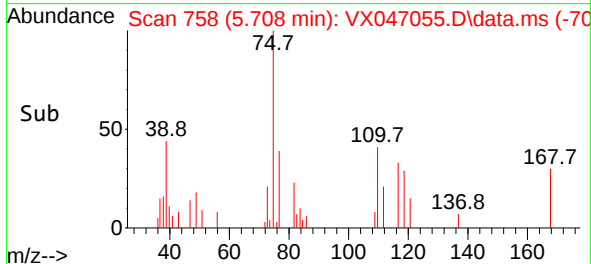
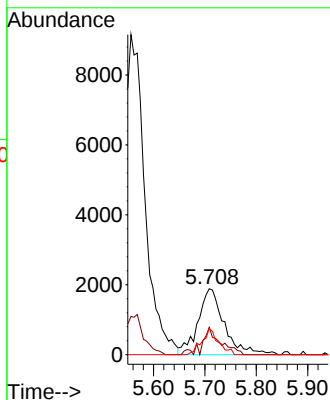
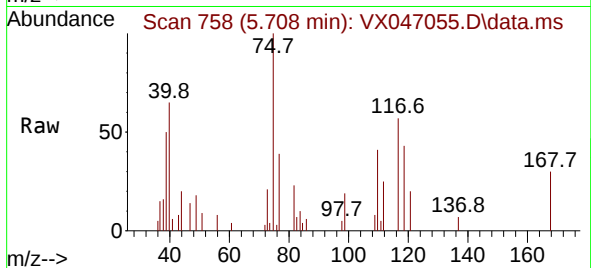
#36
1,1-Dichloropropene
Concen: 1.094 ug/l
RT: 5.708 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
110 26.3 17.2 51.5
77 24.7 25.1 37.7

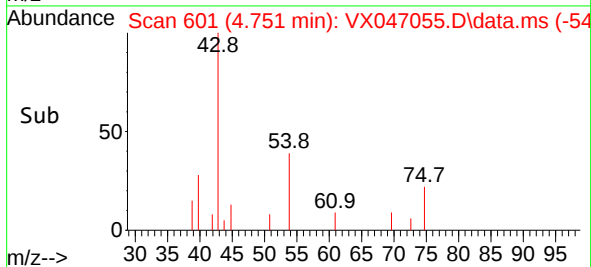
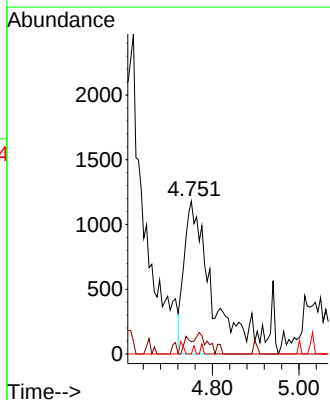
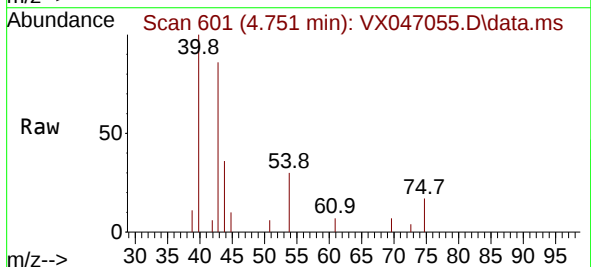
Manual Integrations
APPROVED

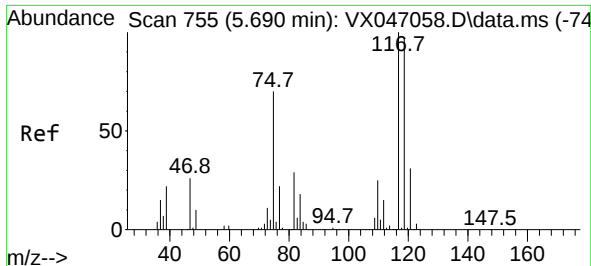
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#37
Ethyl Acetate
Concen: 1.068 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

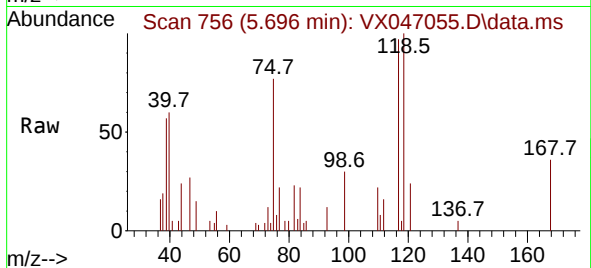
Tgt Ion: 43 Resp: 5770
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.4 8.1 12.1#





#38
Carbon Tetrachloride
Concen: 0.936 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

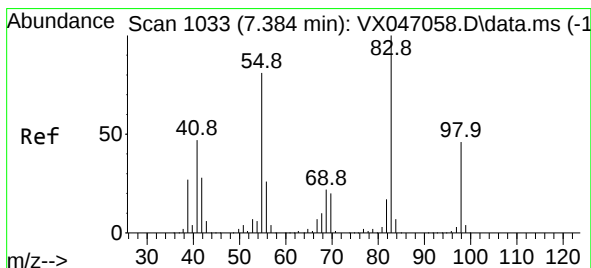
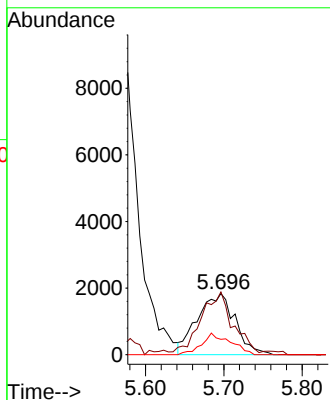
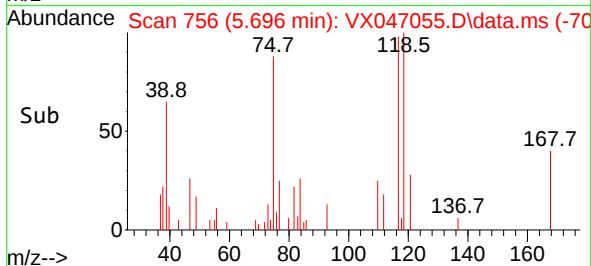
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



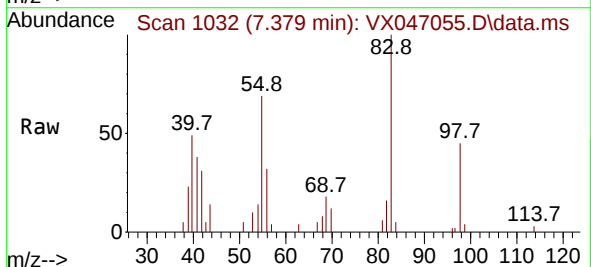
Tgt Ion: 117 Resp: 6120
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0
121 25.1 24.4 36.6

Manual Integrations
APPROVED

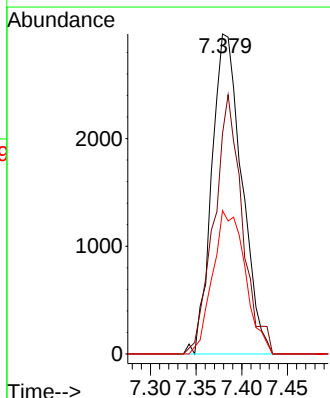
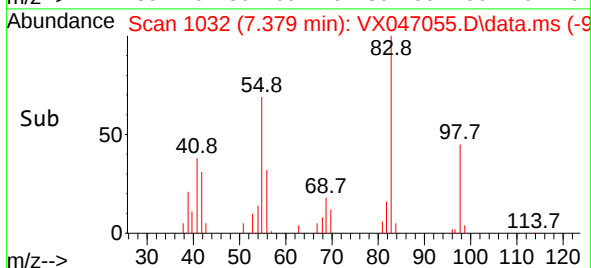
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

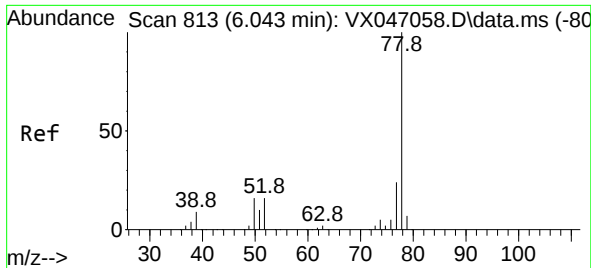


#39
Methylcyclohexane
Concen: 0.888 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion: 83 Resp: 6794
Ion Ratio Lower Upper
83 100
55 68.8 64.5 96.7
98 48.7 36.9 55.3





#40

Benzene

Concen: 0.871 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 15450

Ion Ratio Lower Upper

78 100

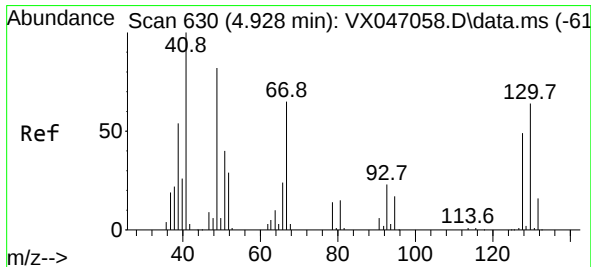
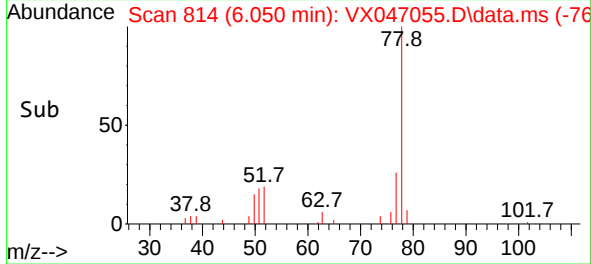
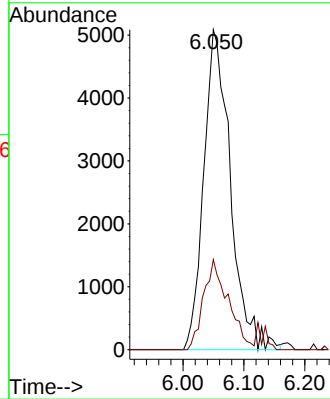
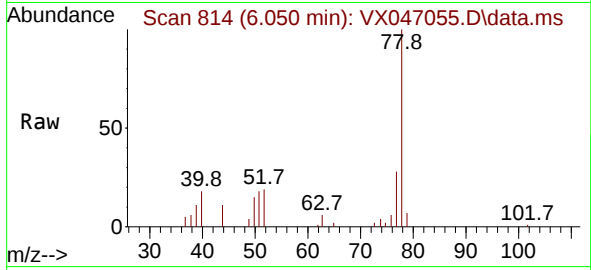
77 28.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#41

Methacrylonitrile

Concen: 0.734 ug/l

RT: 4.971 min Scan# 637

Delta R.T. 0.043 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Tgt Ion: 41 Resp: 2166

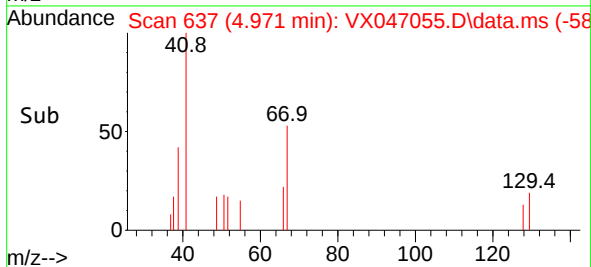
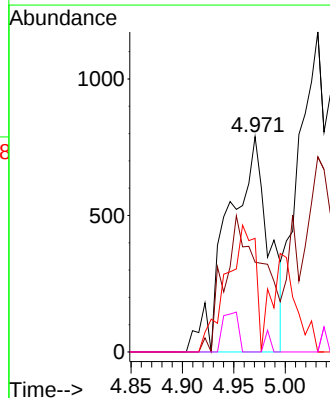
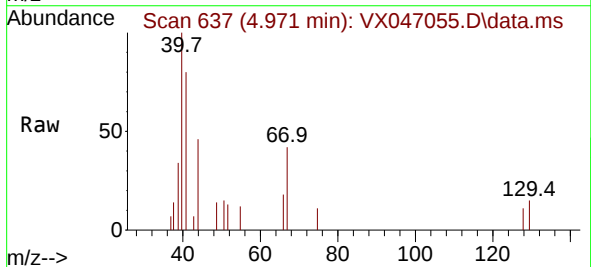
Ion Ratio Lower Upper

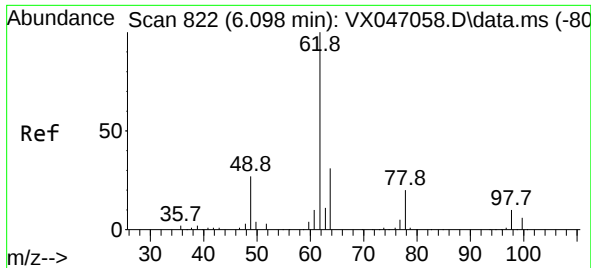
41 100

39 60.6 44.2 66.2

67 41.7 56.4 84.6#

52 7.1 23.5 35.3#





#42

1,2-Dichloroethane

Concen: 0.872 ug/l

RT: 6.105 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 5449

Ion Ratio Lower Upper

62 100

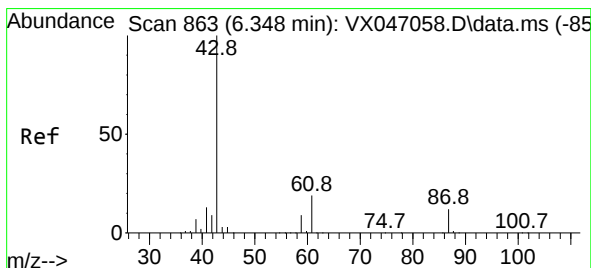
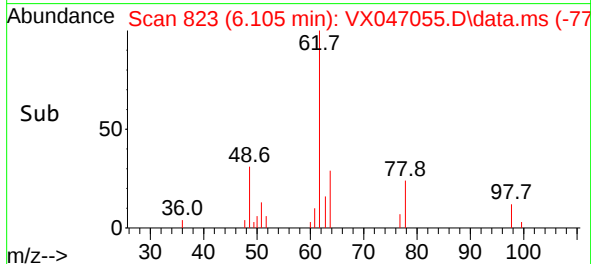
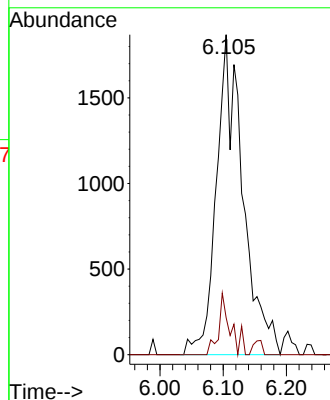
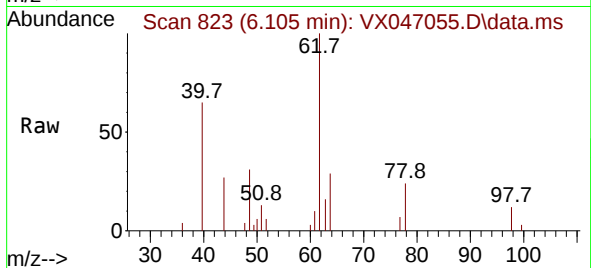
98 8.6 0.0 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#43

Isopropyl Acetate

Concen: 0.697 ug/l

RT: 6.367 min Scan# 866

Delta R.T. 0.019 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

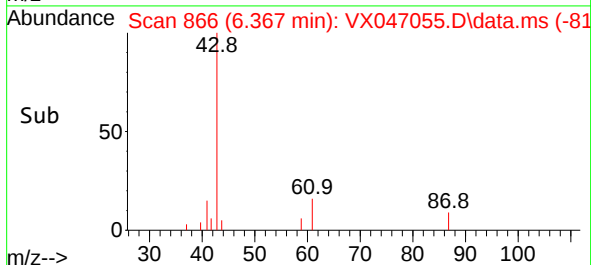
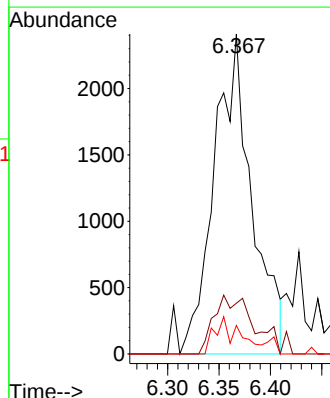
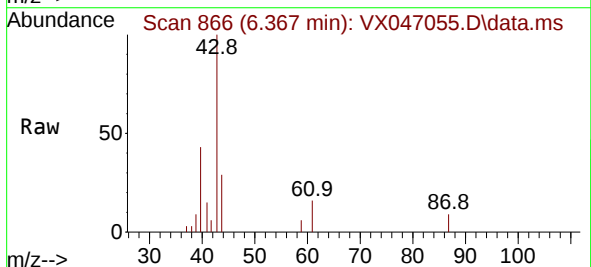
Tgt Ion: 43 Resp: 6134

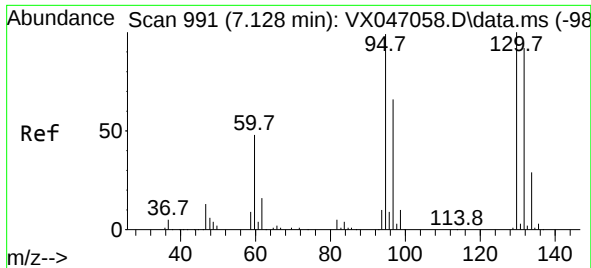
Ion Ratio Lower Upper

43 100

61 20.2 15.1 22.7

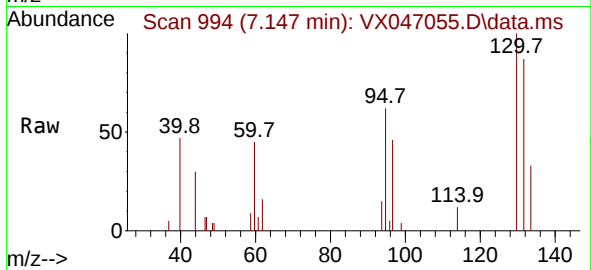
87 7.7 9.7 14.5#





#44
Trichloroethene
Concen: 0.896 ug/l
RT: 7.147 min Scan# 991
Delta R.T. 0.019 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

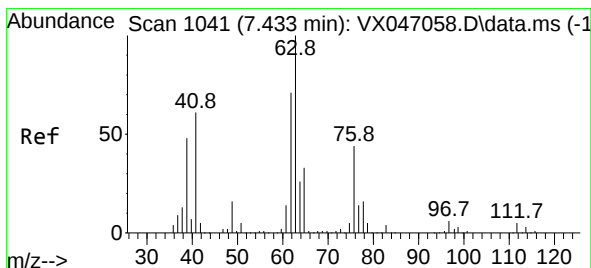
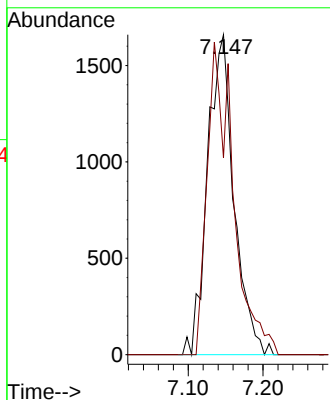
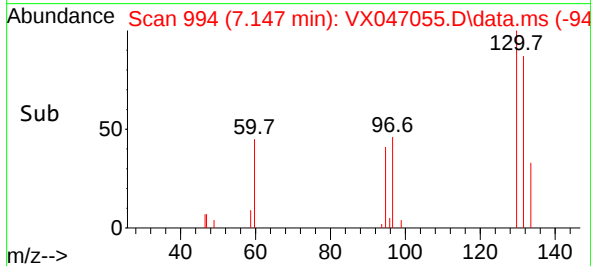
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



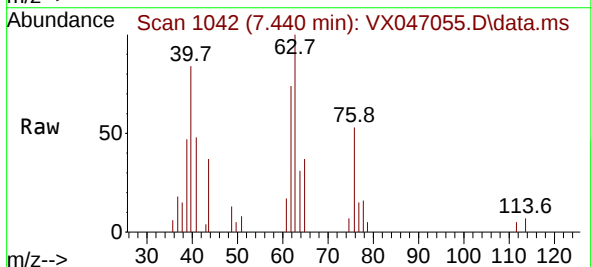
Tgt Ion:130 Resp: 4075
Ion Ratio Lower Upper
130 100
95 61.5 0.0 198.6

Manual Integrations
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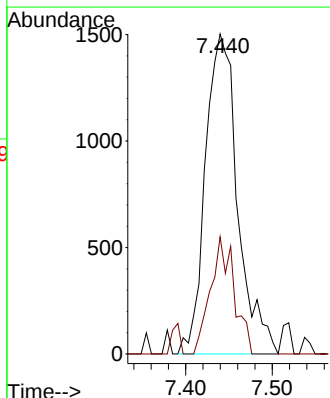
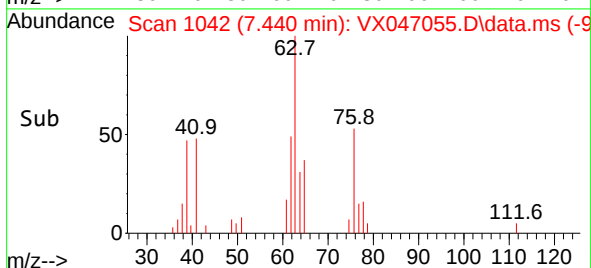
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

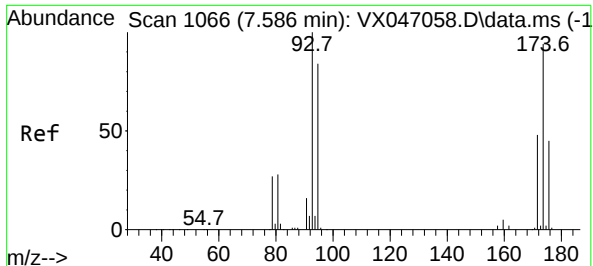


#45
1,2-Dichloropropane
Concen: 0.877 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion: 63 Resp: 3895
Ion Ratio Lower Upper
63 100
65 36.6 26.3 39.5





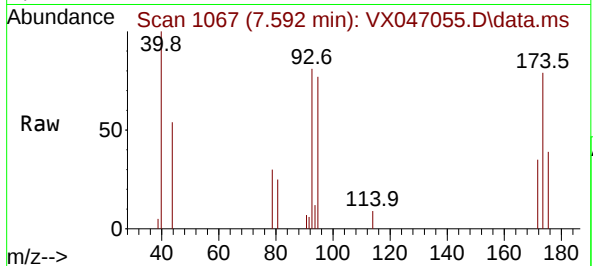
#46
Dibromomethane
Concen: 0.762 ug/l
RT: 7.592 min Scan# 1106
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001



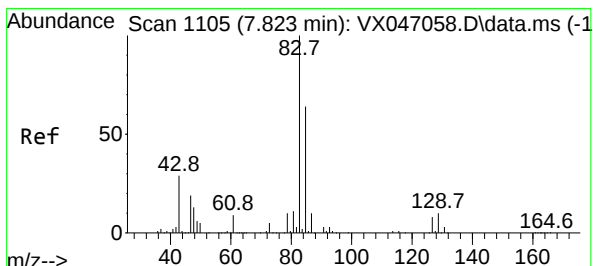
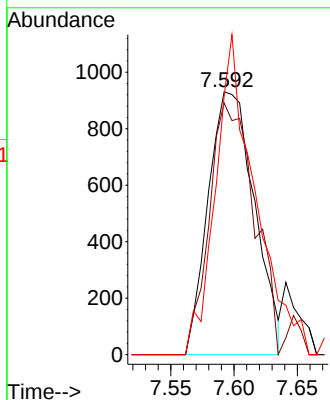
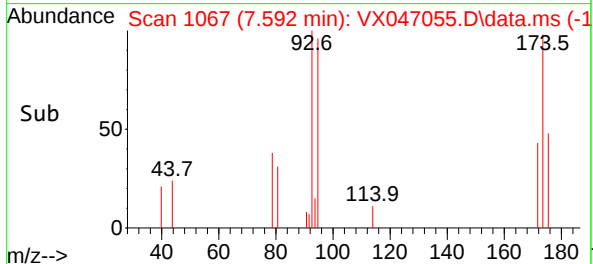
Tgt Ion: 93 Resp: 2372
Ion Ratio Lower Upper
93 100
95 94.0 65.9 98.9
174 104.2 74.6 112.0

Manual Integrations

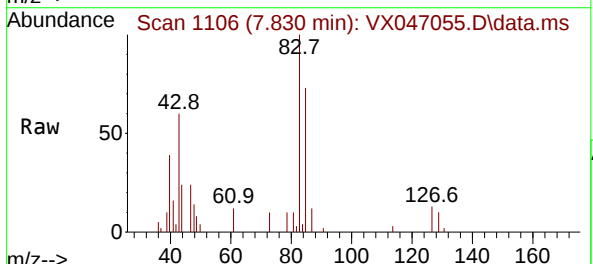
APPROVED

Reviewed By :John Carlone 07/22/2025

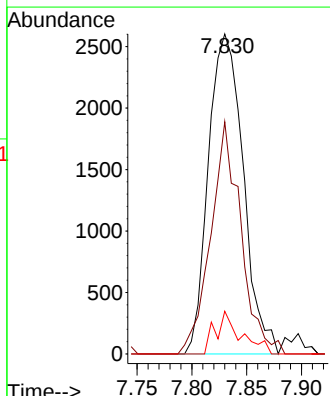
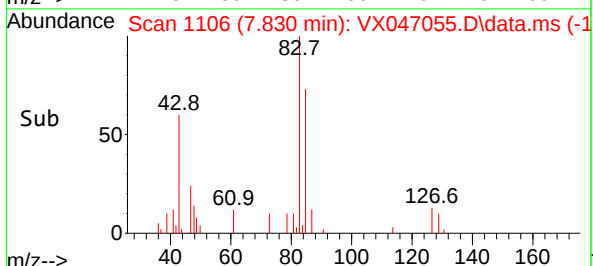
Supervised By :Mahesh Dadoda 07/22/2025

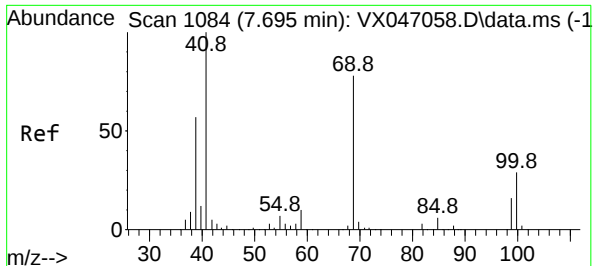


#47
Bromodichloromethane
Concen: 0.867 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion: 83 Resp: 5749
Ion Ratio Lower Upper
83 100
85 72.6 49.9 74.9
127 13.4 6.6 10.0#





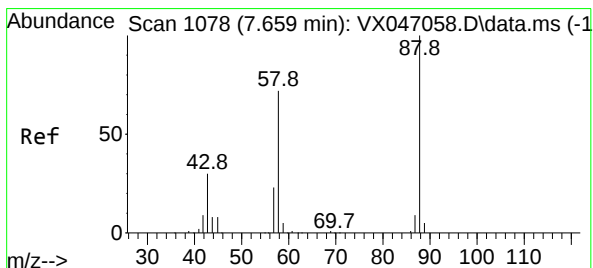
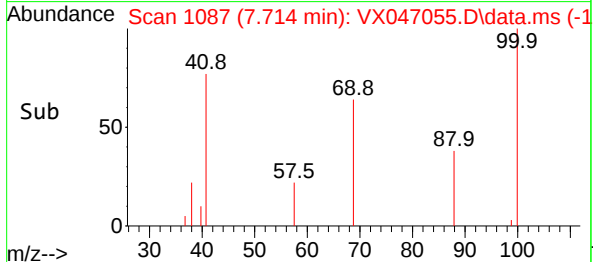
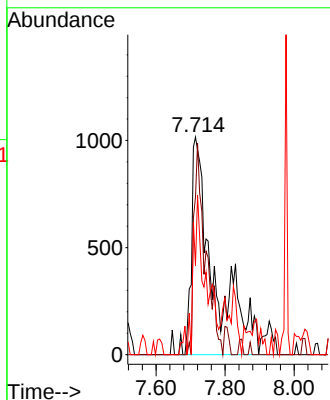
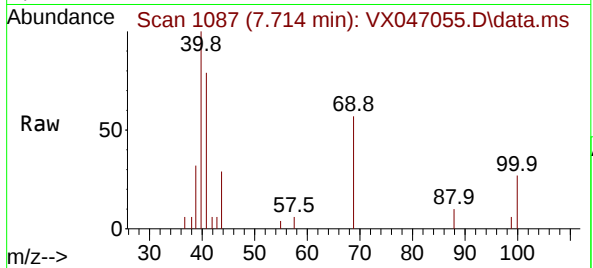
#48
Methyl methacrylate
Concen: 1.014 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. 0.019 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 486
Ion Ratio Lower Upper
41 100
69 46.9 62.3 93.5
39 28.6 44.8 67.2

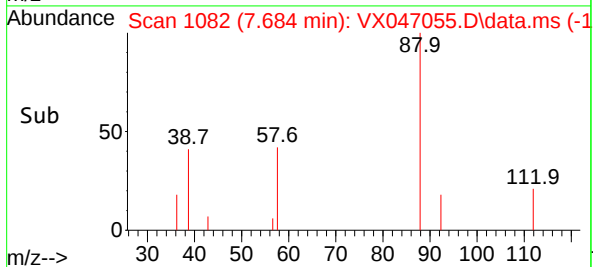
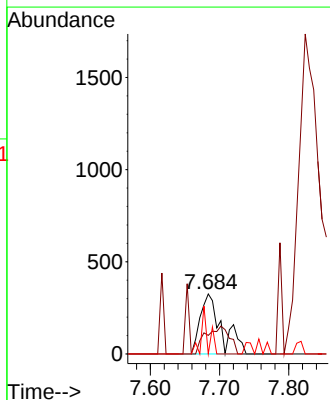
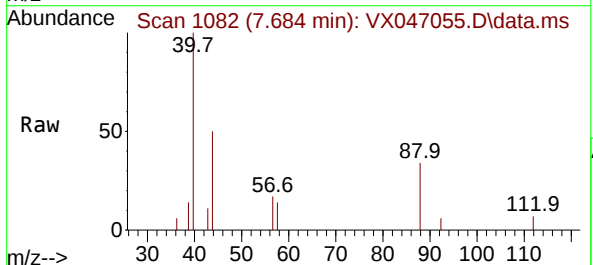
Manual Integrations
APPROVED

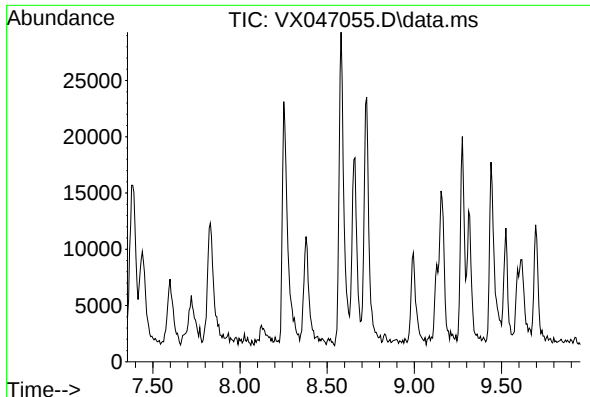
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#49
1,4-Dioxane
Concen: 12.834 ug/l m
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 88 Resp: 700
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4#
58 24.4 58.8 88.2#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

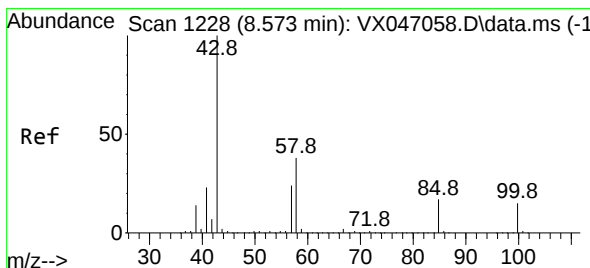
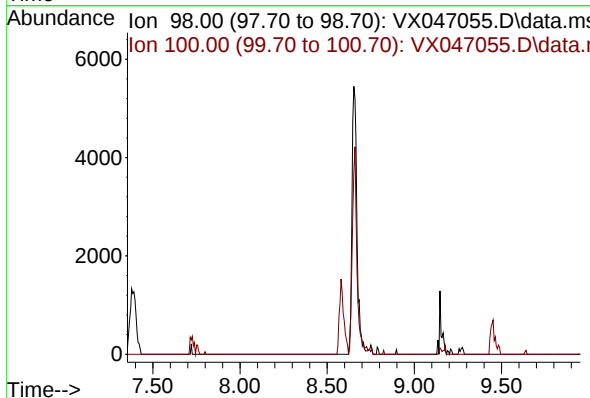
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.6

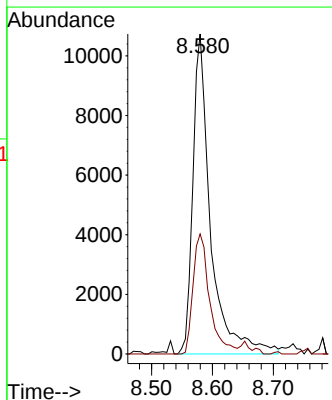
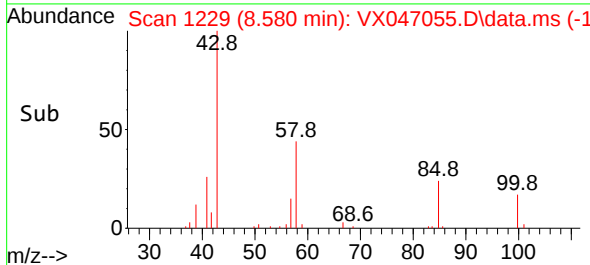
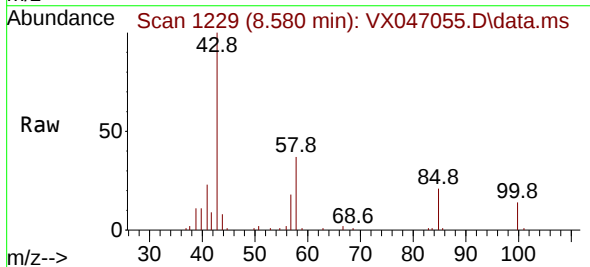
Manual Integrations APPROVED

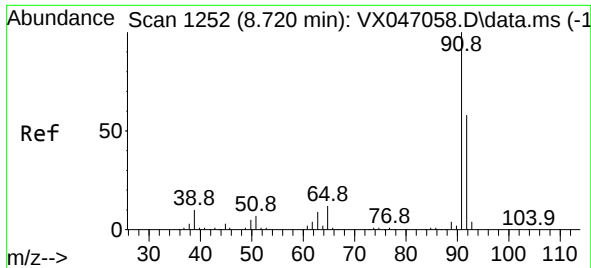
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#51
4-Methyl-2-Pentanone
Concen: 4.131 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

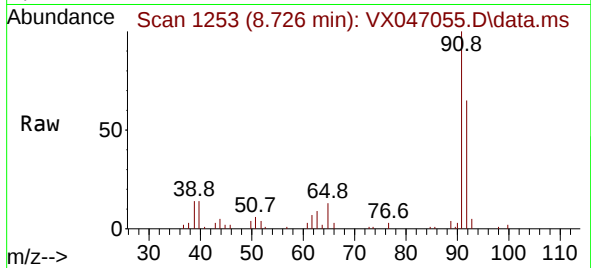
Tgt Ion: 43 Resp: 21616
Ion Ratio Lower Upper
43 100
58 35.4 30.6 45.8





#52
Toluene
Concen: 0.814 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

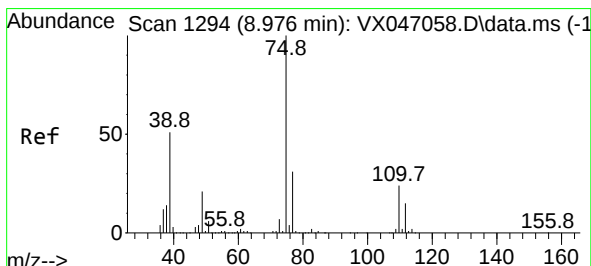
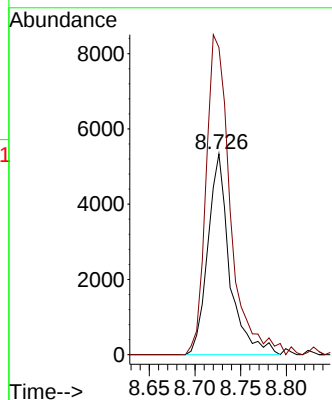
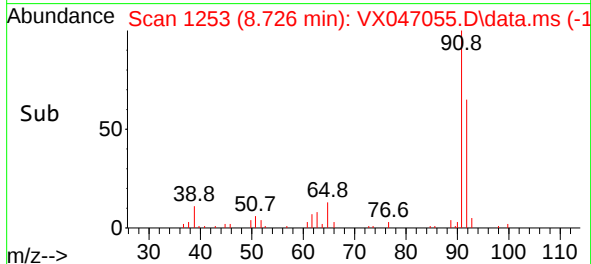
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



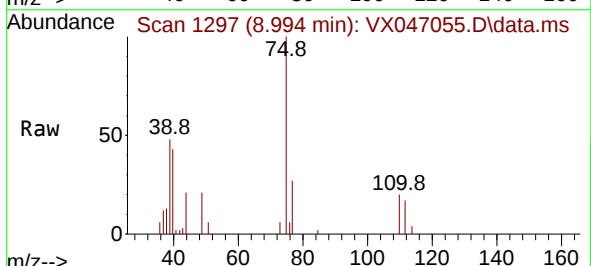
Tgt Ion: 92 Resp: 8872
Ion Ratio Lower Upper
92 100
91 177.3 137.9 206.9

Manual Integrations
APPROVED

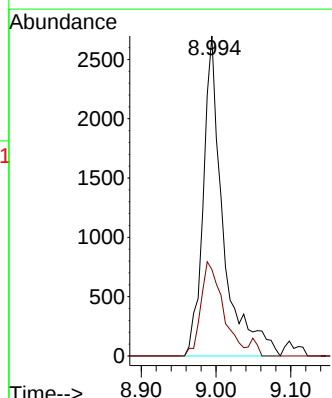
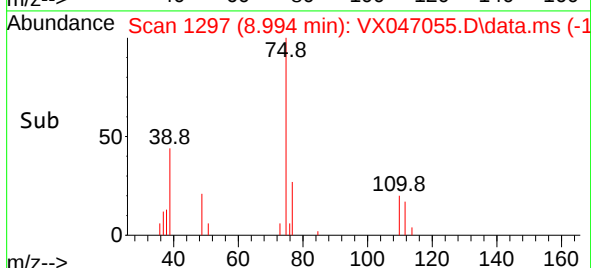
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

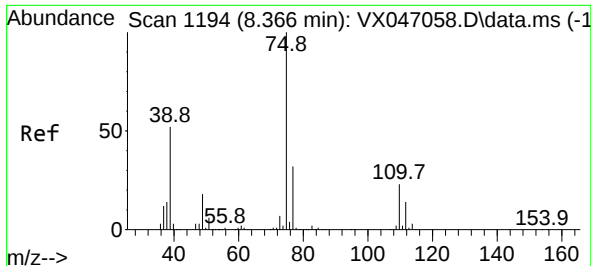


#53
t-1,3-Dichloropropene
Concen: 0.798 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.019 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



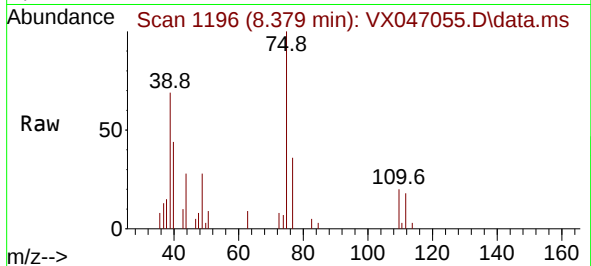
Tgt Ion: 75 Resp: 4993
Ion Ratio Lower Upper
75 100
77 27.0 24.5 36.7





#54
cis-1,3-Dichloropropene
Concen: 0.751 ug/l
RT: 8.379 min Scan# 1194
Delta R.T. 0.013 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

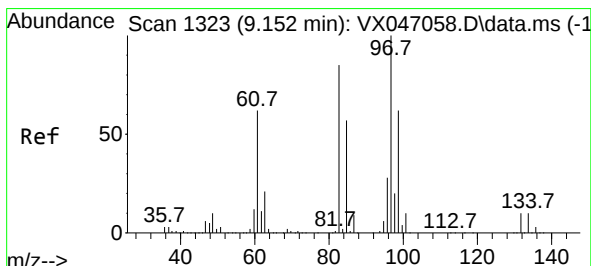
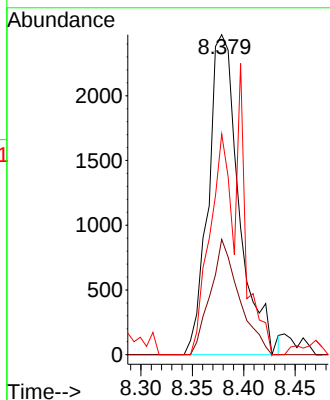
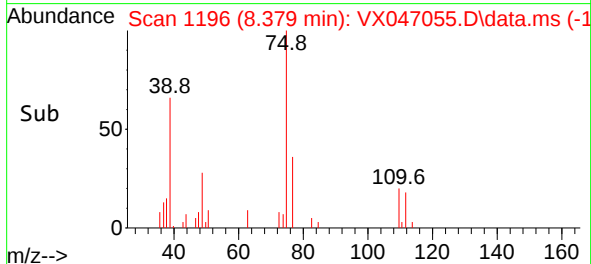
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 5149
Ion Ratio Lower Upper
75 100
77 36.0 25.4 38.0
39 25.1 41.8 62.6

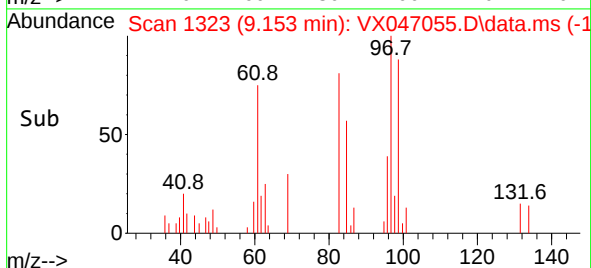
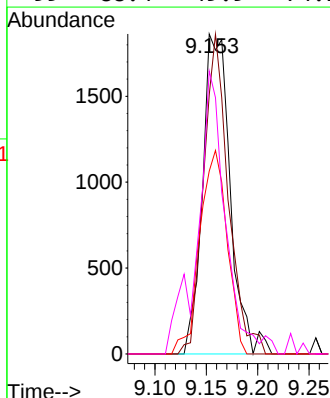
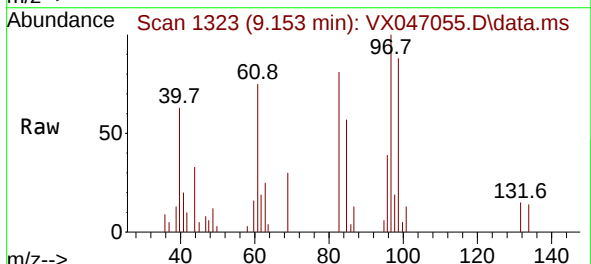
Manual Integrations
APPROVED

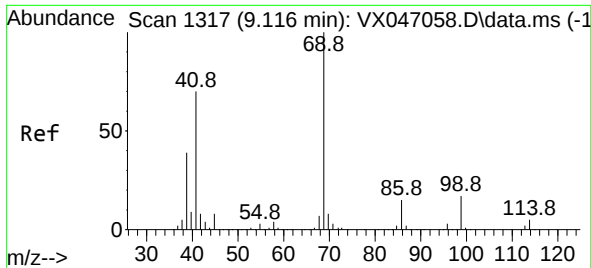
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#55
1,1,2-Trichloroethane
Concen: 0.853 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

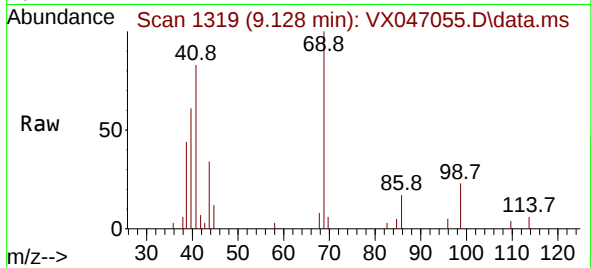
Tgt Ion: 97 Resp: 3490
Ion Ratio Lower Upper
97 100
83 81.0 68.0 102.0
85 57.2 45.2 67.8
99 88.4 49.9 74.9





#56
Ethyl methacrylate
Concen: 0.657 ug/l
RT: 9.128 min Scan# 1317
Delta R.T. 0.013 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

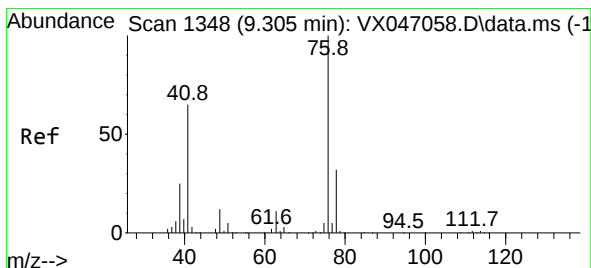
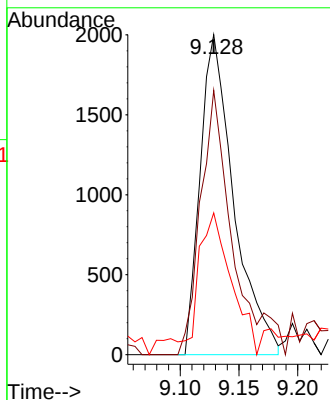
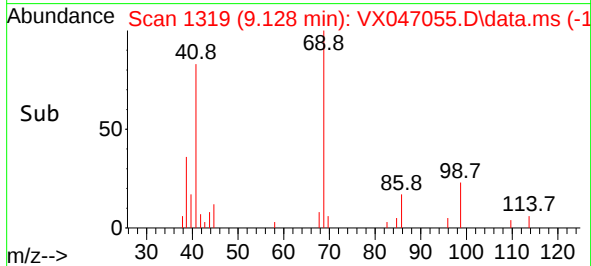
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 3978
Ion Ratio Lower Upper
69 100
41 78.7 56.1 84.1
39 42.5 31.1 46.7

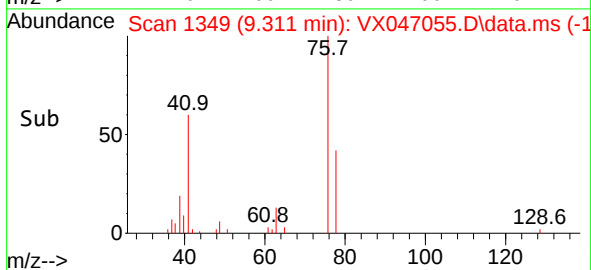
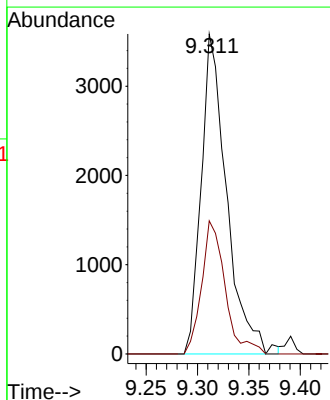
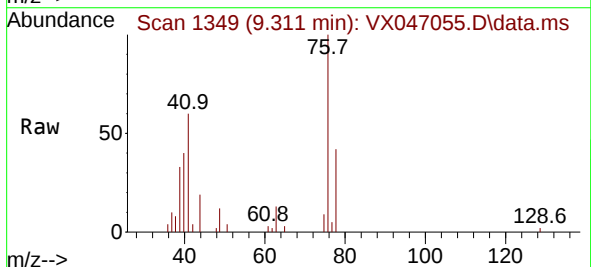
Manual Integrations
APPROVED

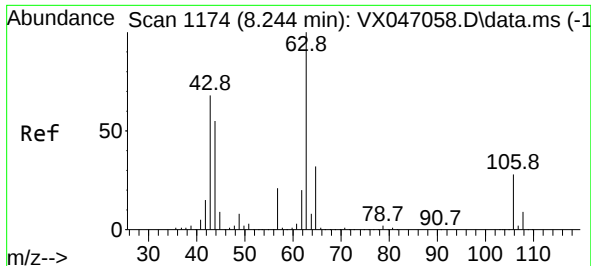
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#57
1,3-Dichloropropane
Concen: 0.868 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 76 Resp: 6170
Ion Ratio Lower Upper
76 100
78 38.4 25.5 38.3#





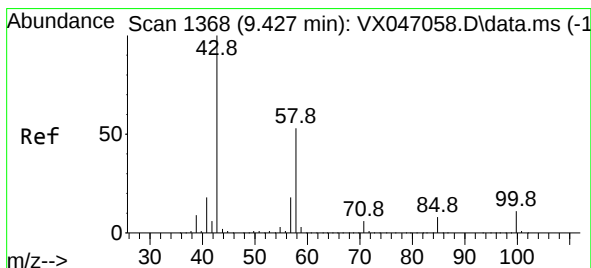
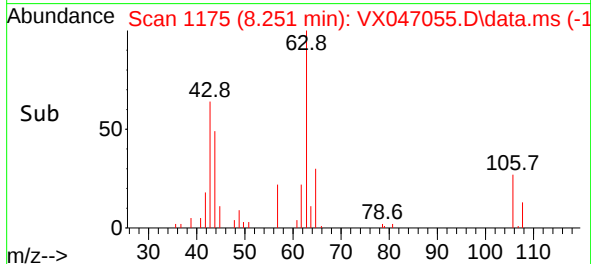
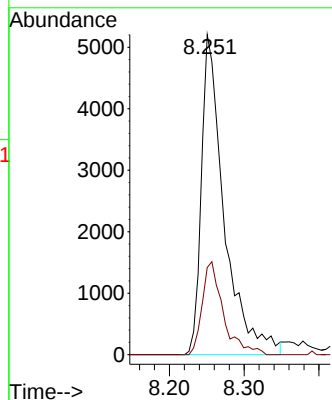
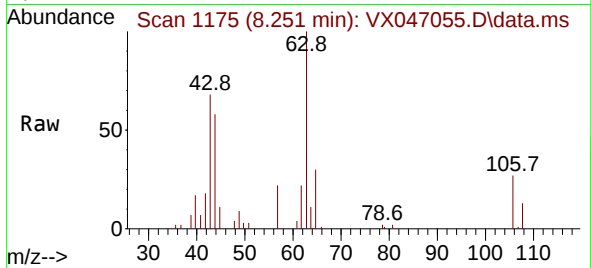
#58
2-Chloroethyl Vinyl ether
Concen: 3.268 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 11010
Ion Ratio Lower Upper
63 100
106 27.0 22.2 33.4

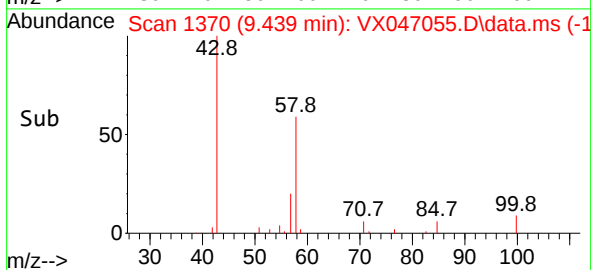
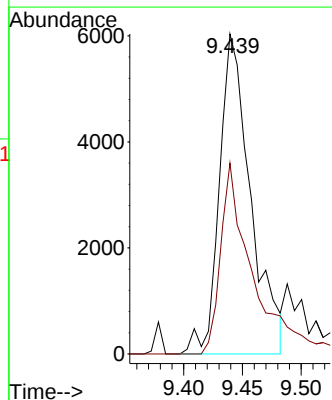
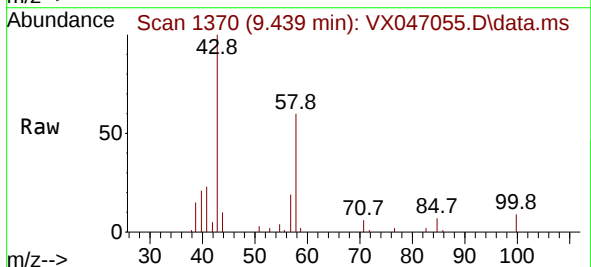
Manual Integrations
APPROVED

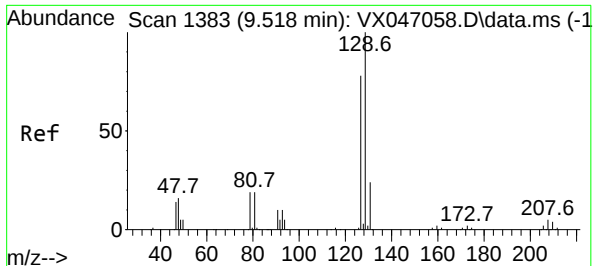
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#59
2-Hexanone
Concen: 3.240 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.013 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

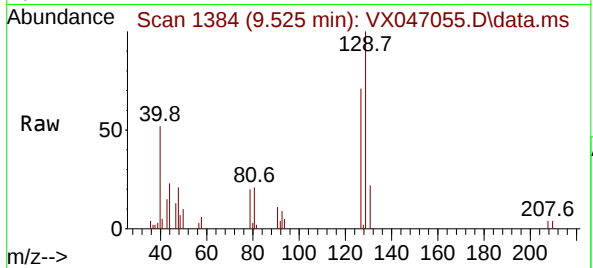
Tgt Ion: 43 Resp: 11200
Ion Ratio Lower Upper
43 100
58 61.9 26.5 79.5





#60
Dibromochloromethane
Concen: 0.834 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

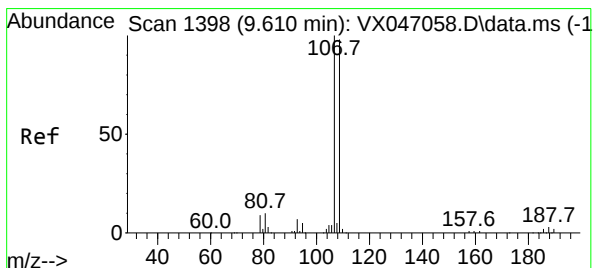
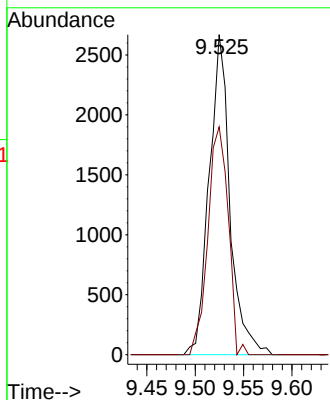
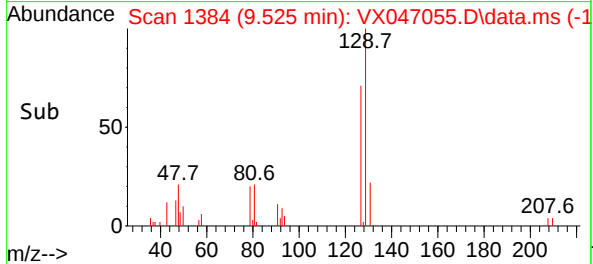
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



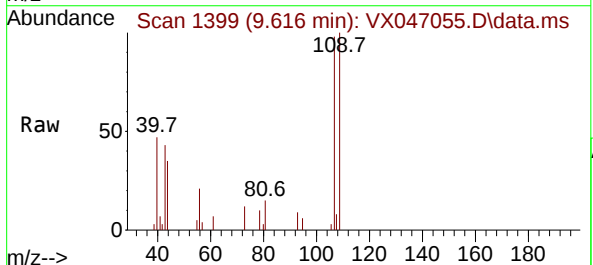
Tgt Ion:129 Resp: 3998
Ion Ratio Lower Upper
129 100
127 69.2 38.6 115.8

Manual Integrations
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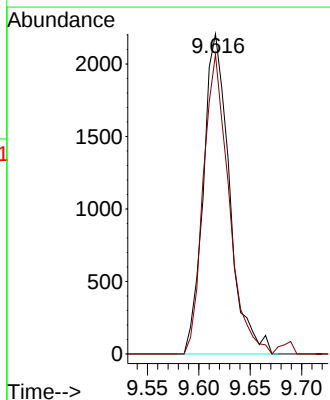
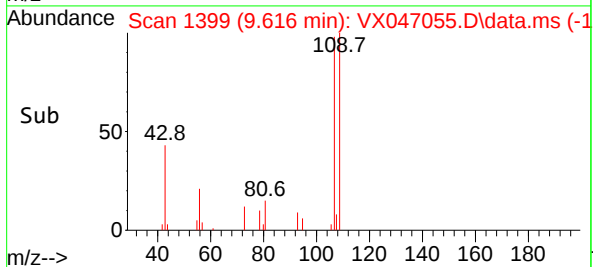
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

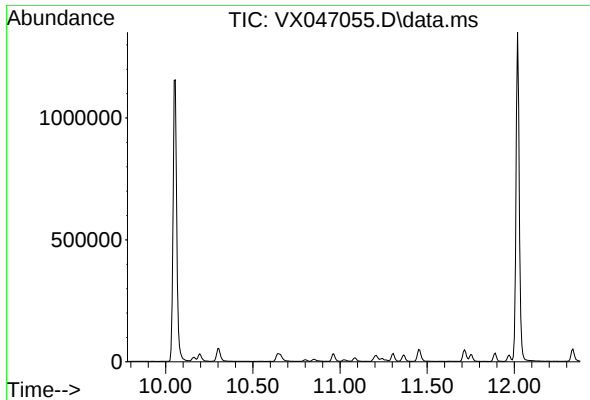


#61
1,2-Dibromoethane
Concen: 0.909 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion:107 Resp: 3885
Ion Ratio Lower Upper
107 100
109 91.7 74.6 112.0





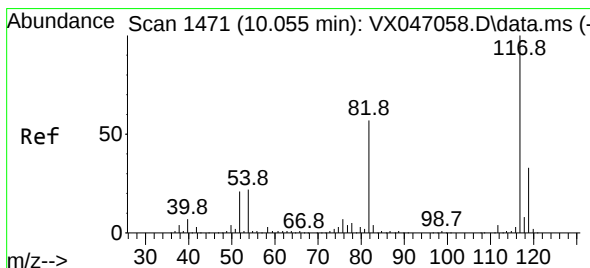
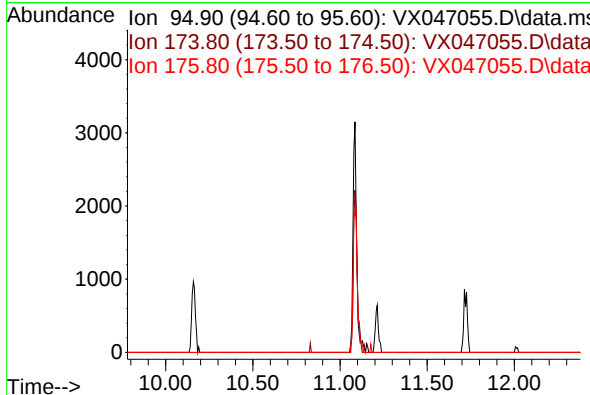
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX047055.D
 Acq: 21 Jul 2025 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 72.3
 176 69.8

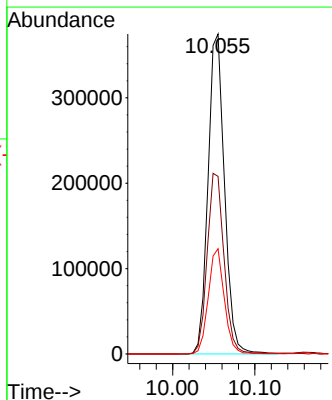
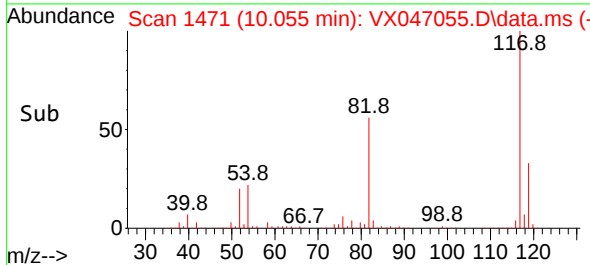
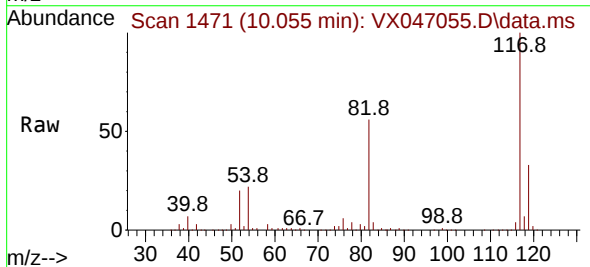
Manual Integrations
 APPROVED

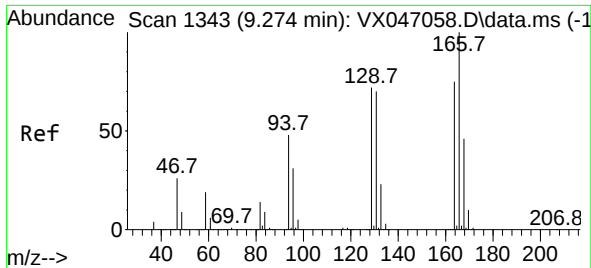
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX047055.D
 Acq: 21 Jul 2025 09:47

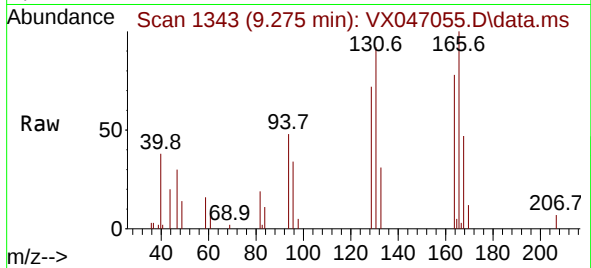
Tgt Ion:117 Resp: 522701
 Ion Ratio Lower Upper
 117 100
 82 55.5 45.4 68.2
 119 32.9 26.1 39.1





#64
Tetrachloroethene
Concen: 0.892 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

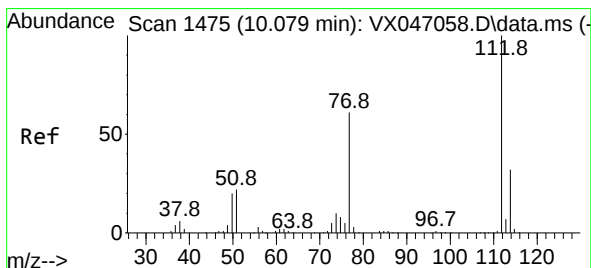
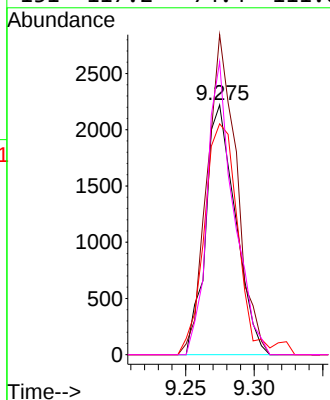
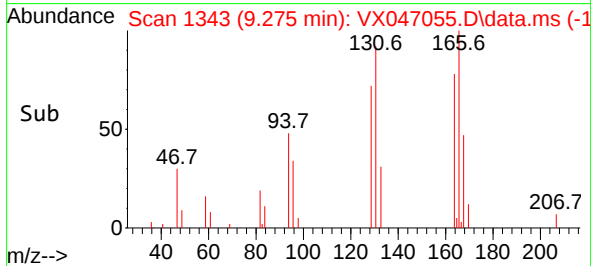
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 336
Ion Ratio Lower Upper
164 100
166 128.1 106.2 159.4
129 92.4 76.6 114.8
131 117.2 74.4 111.6#

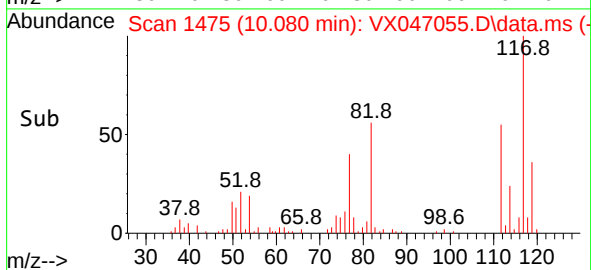
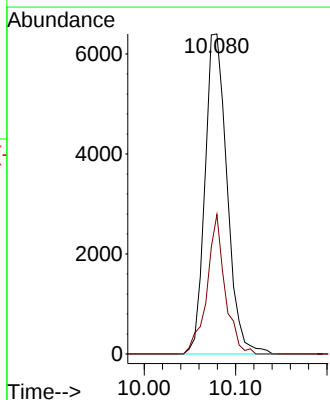
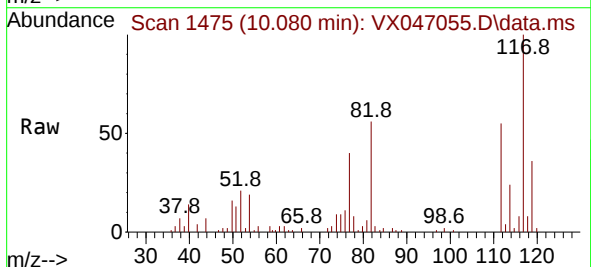
Manual Integrations
APPROVED

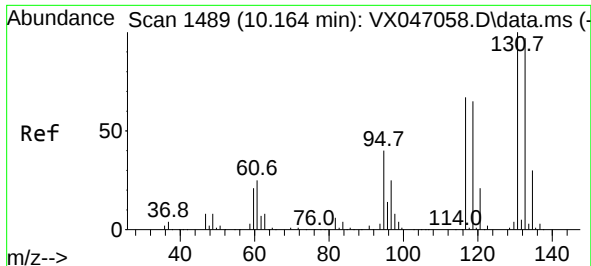
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#65
Chlorobenzene
Concen: 0.878 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

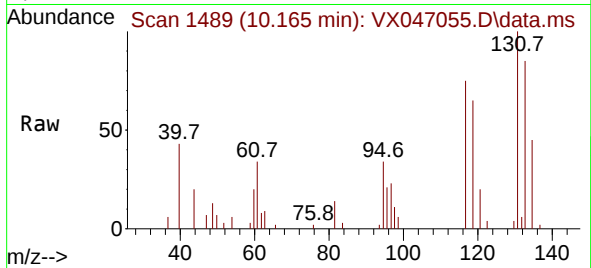
Tgt Ion:112 Resp: 10754
Ion Ratio Lower Upper
112 100
114 43.6 25.8 38.6#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.897 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

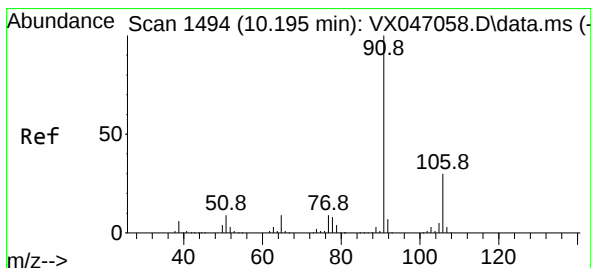
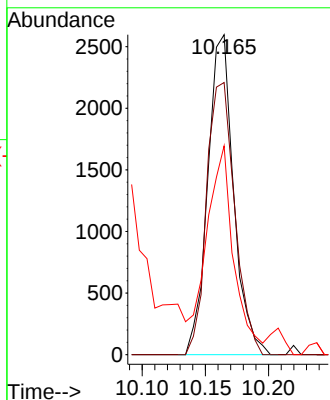
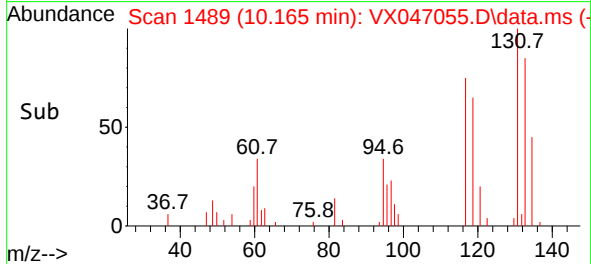
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



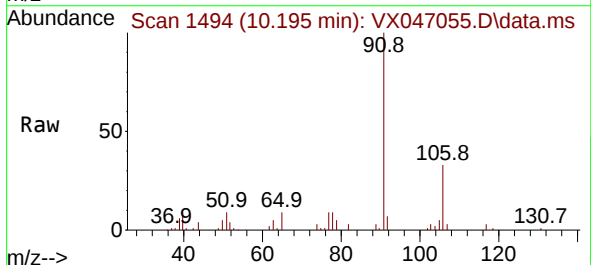
Tgt Ion:131 Resp: 3699
Ion Ratio Lower Upper
131 100
133 92.3 48.4 145.3
119 0.0 32.4 97.0

Manual Integrations
APPROVED

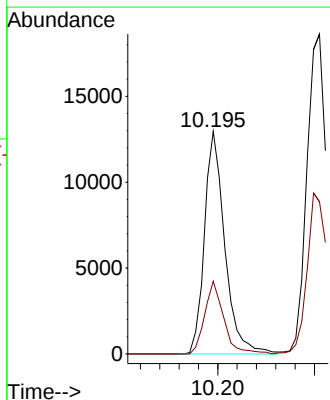
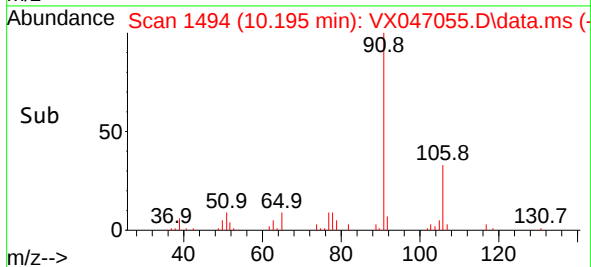
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

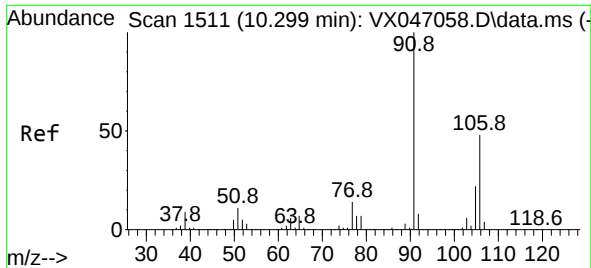


#67
Ethyl Benzene
Concen: 0.886 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion: 91 Resp: 18959
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4





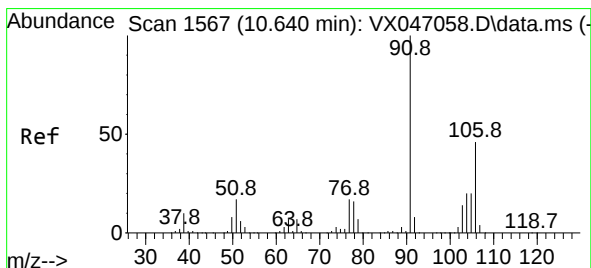
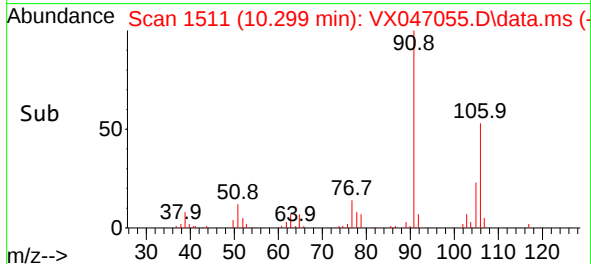
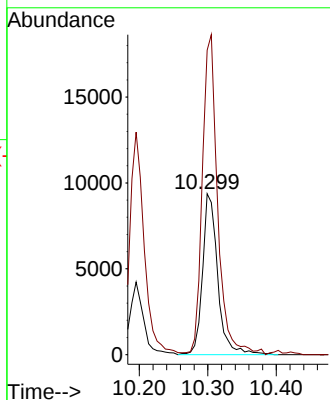
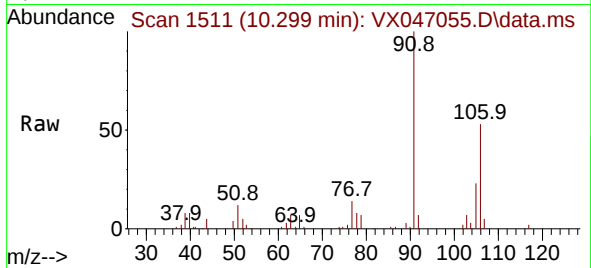
#68
m/p-Xylenes
Concen: 1.809 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 14490
Ion Ratio Lower Upper
106 100
91 200.4 167.4 251.0

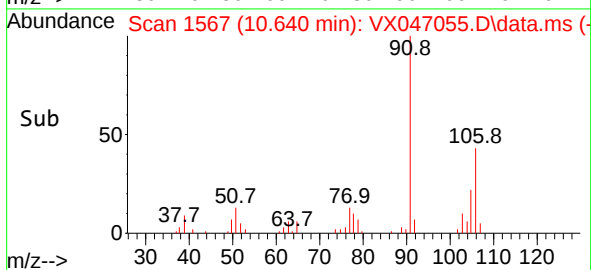
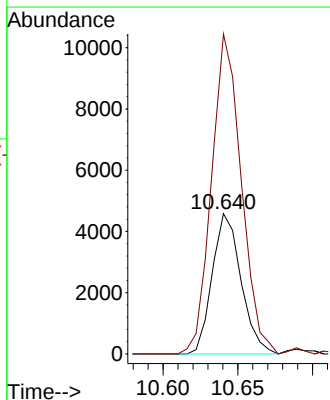
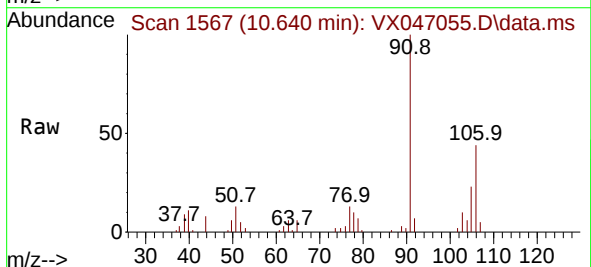
Manual Integrations
APPROVED

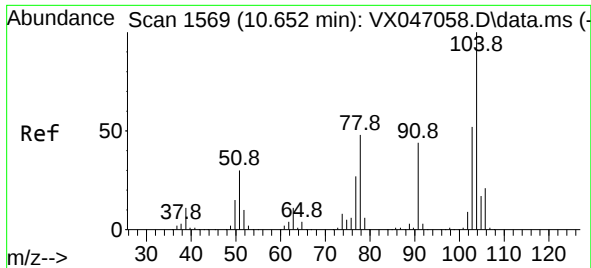
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#69
o-Xylene
Concen: 0.804 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion:106 Resp: 6125
Ion Ratio Lower Upper
106 100
91 235.9 110.3 331.0





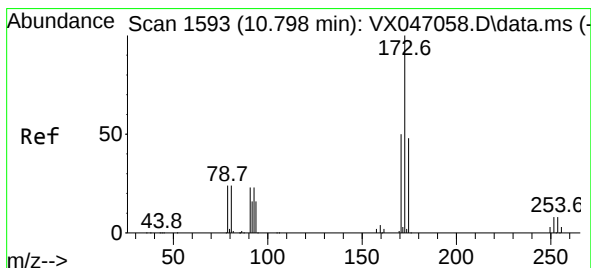
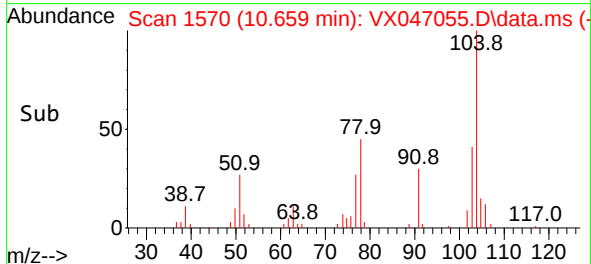
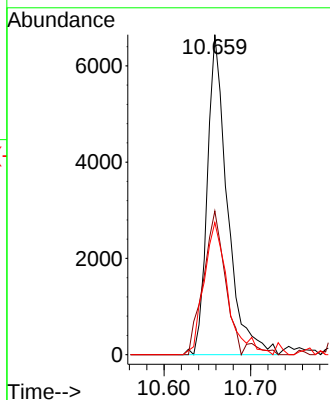
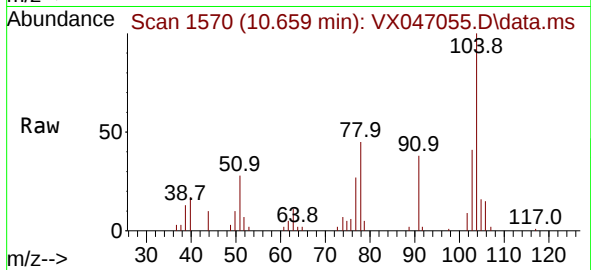
#70
Styrene
Concen: 0.819 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 10704
Ion Ratio Lower Upper
104 100
78 48.6 42.0 63.0
103 49.0 43.8 65.6

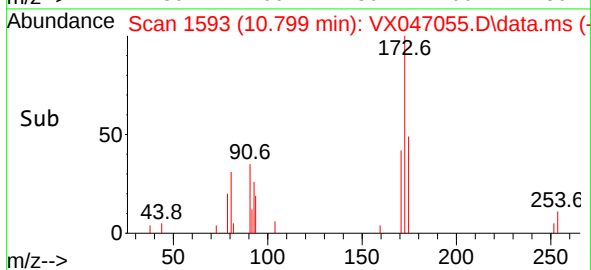
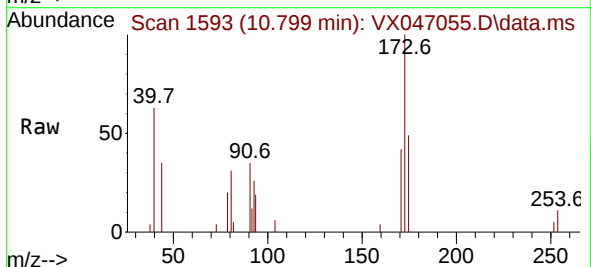
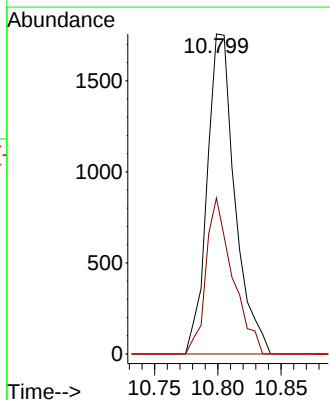
Manual Integrations
APPROVED

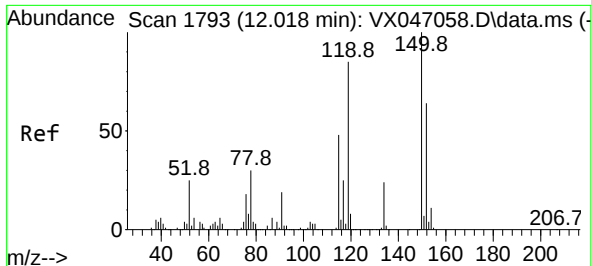
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#71
Bromoform
Concen: 0.858 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

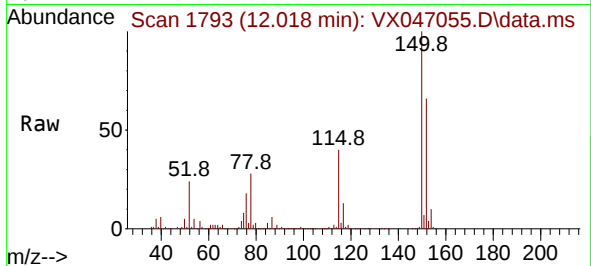
Tgt Ion:173 Resp: 2687
Ion Ratio Lower Upper
173 100
175 46.5 24.2 72.6
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

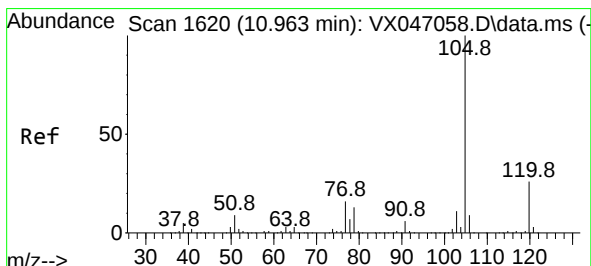
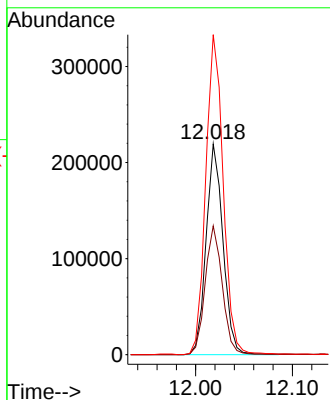
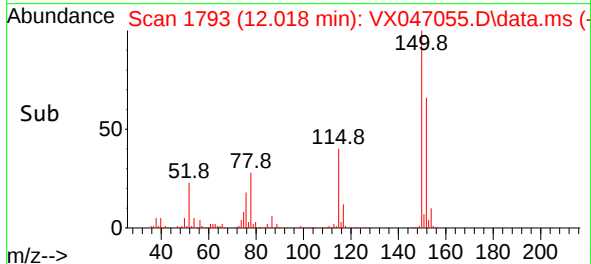
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



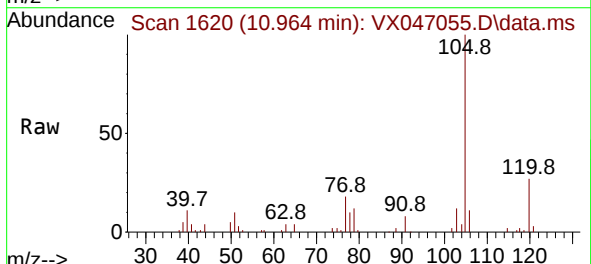
Tgt Ion:152 Resp: 26687
Ion Ratio Lower Upper
152 100
115 61.9 45.6 136.7
150 157.0 0.0 354.6

Manual Integrations
APPROVED

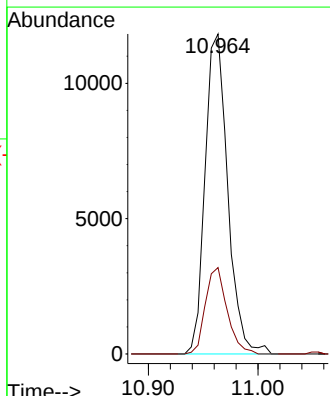
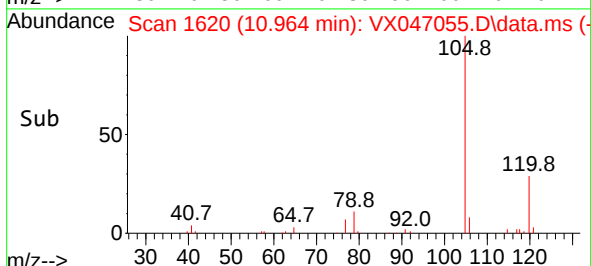
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

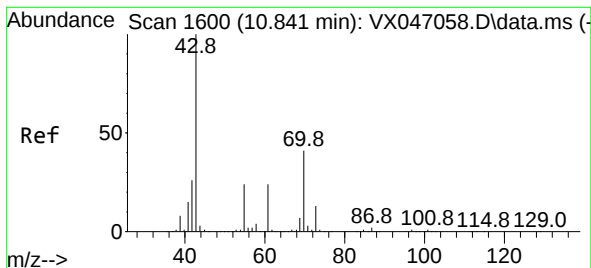


#73
Isopropylbenzene
Concen: 0.806 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



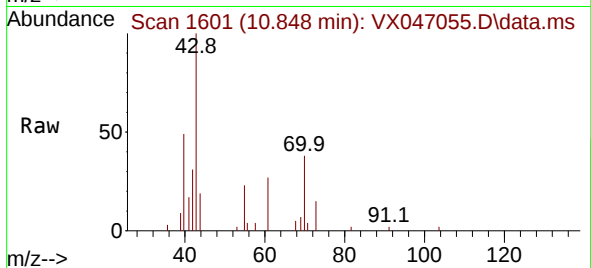
Tgt Ion:105 Resp: 16971
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7





#74
N-amy1 acetate
Concen: 0.801 ug/l m
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

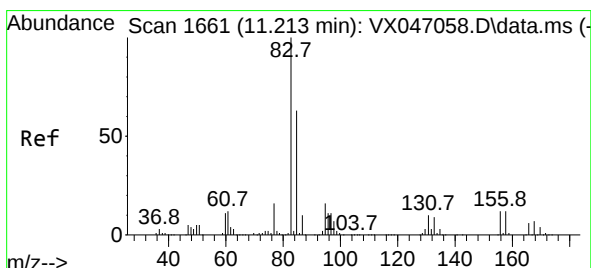
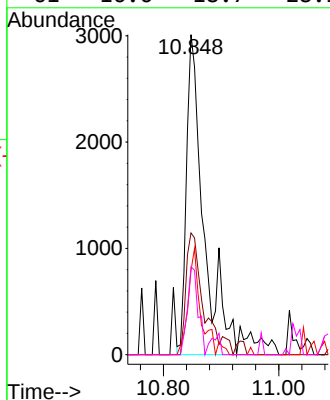
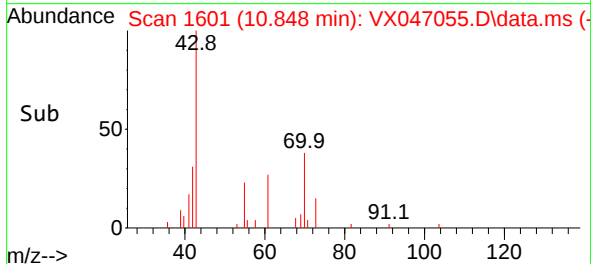
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 6720
Ion Ratio Lower Upper
43 100
70 35.9 32.3 48.5
55 23.1 18.9 28.3
61 16.6 18.7 28.1#

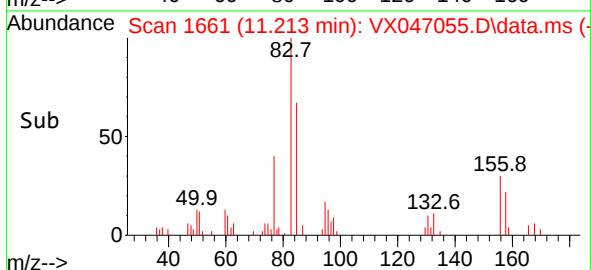
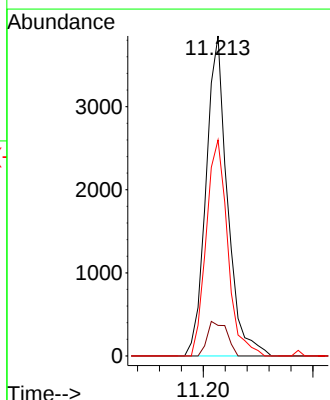
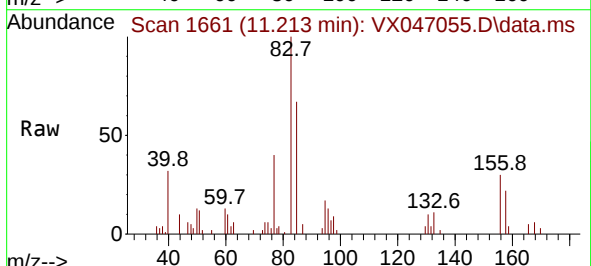
Manual Integrations
APPROVED

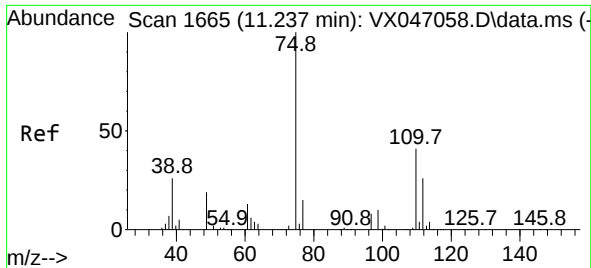
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.868 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion: 83 Resp: 5223
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 67.6 32.0 96.2





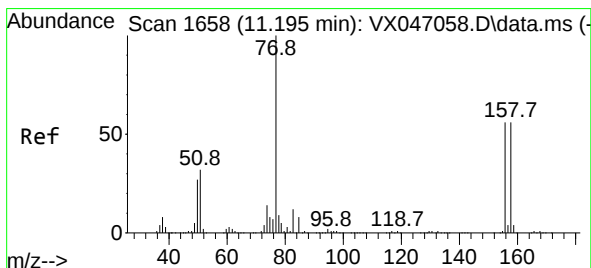
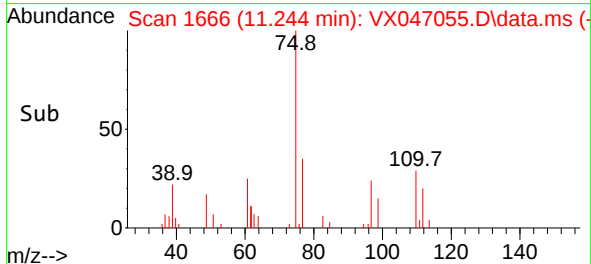
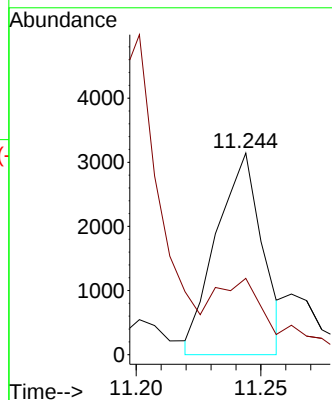
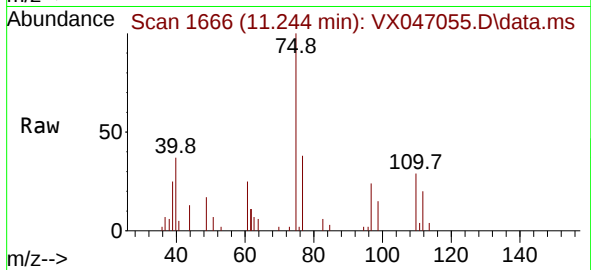
#76
1,2,3-Trichloropropane
Concen: 0.814 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4019
Ion Ratio Lower Upper
75 100
77 49.1 21.6 65.0

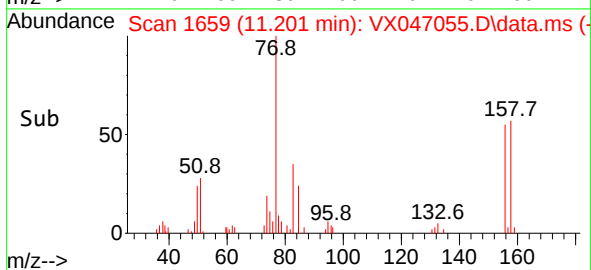
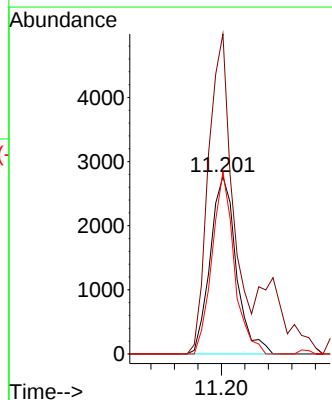
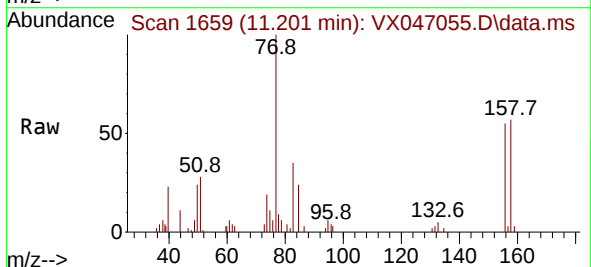
Manual Integrations
APPROVED

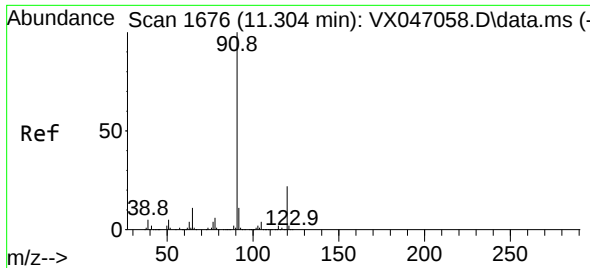
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#77
Bromobenzene
Concen: 0.842 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Tgt Ion:156 Resp: 4251
Ion Ratio Lower Upper
156 100
77 168.9 87.3 261.9
158 87.1 48.9 146.6





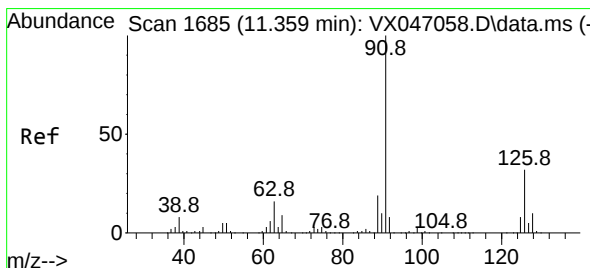
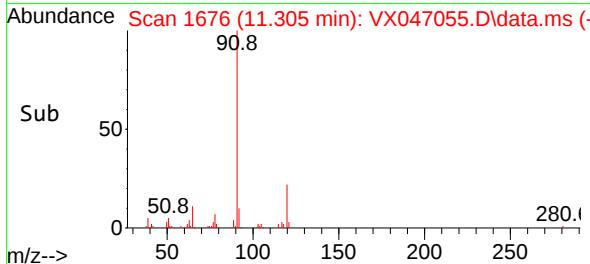
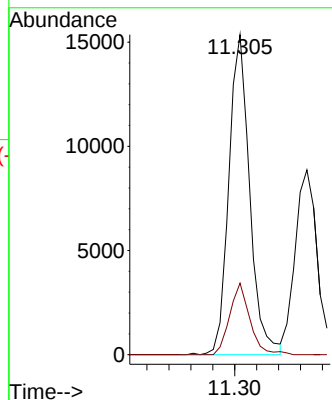
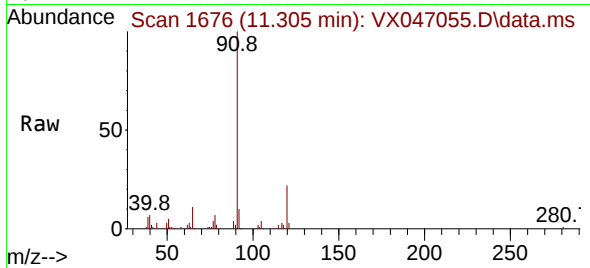
#78
n-propylbenzene
Concen: 0.805 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 2025
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0

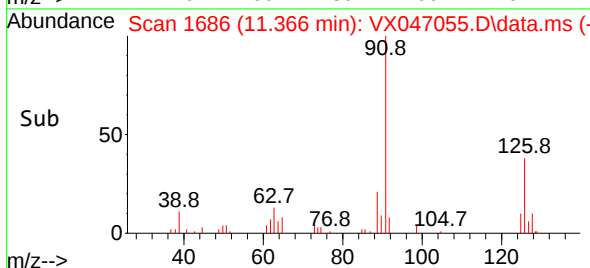
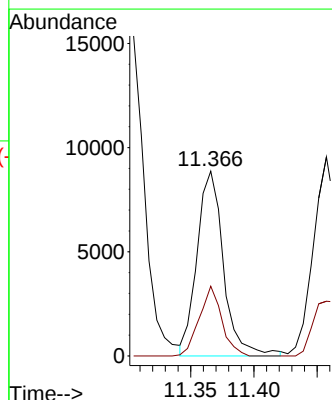
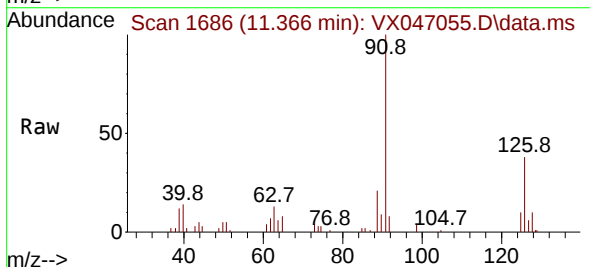
Manual Integrations
APPROVED

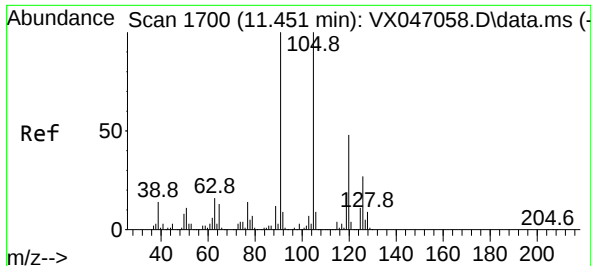
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#79
2-Chlorotoluene
Concen: 0.862 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

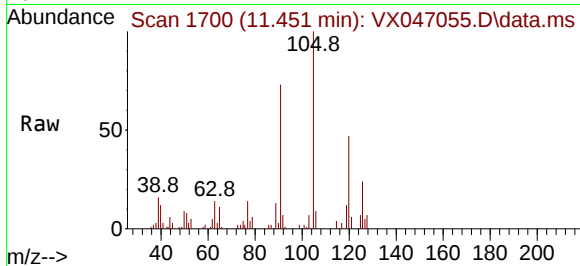
Tgt Ion: 91 Resp: 12959
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4





#80
1,3,5-Trimethylbenzene
Concen: 0.810 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

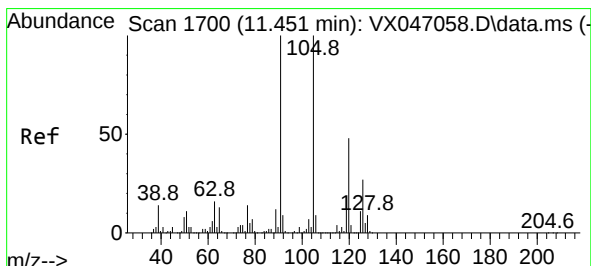
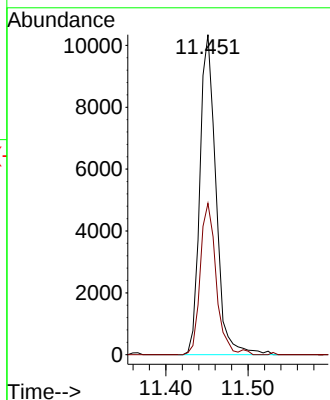
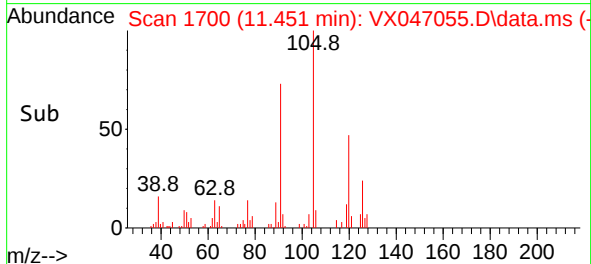
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



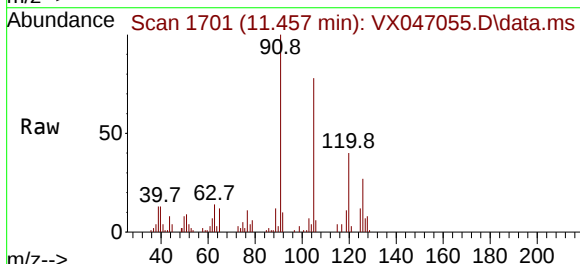
Tgt Ion:105 Resp: 1408
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.5

Manual Integrations
APPROVED

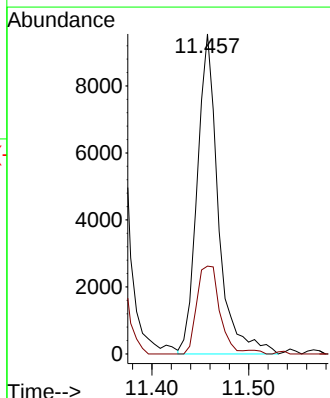
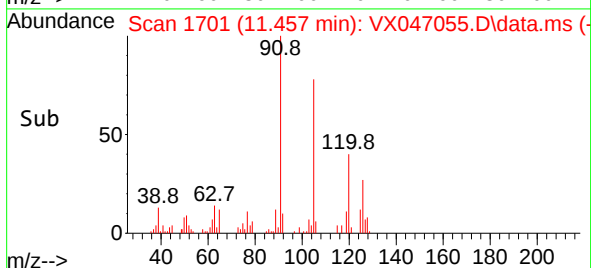
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

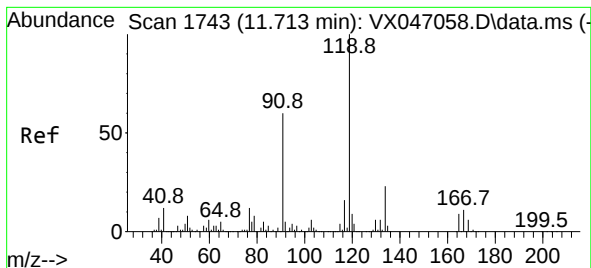


#82
4-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



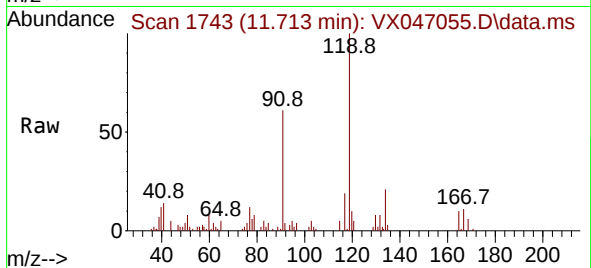
Tgt Ion: 91 Resp: 14521
Ion Ratio Lower Upper
91 100
126 29.6 14.1 42.3





#83
tert-Butylbenzene
Concen: 0.839 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

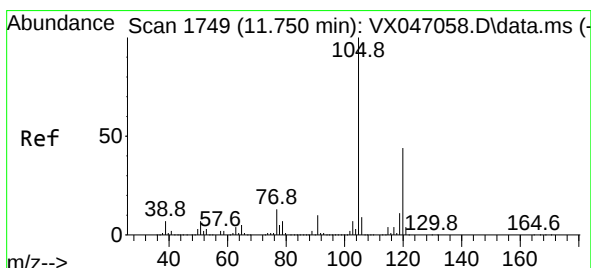
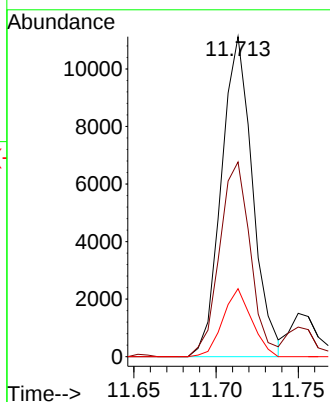
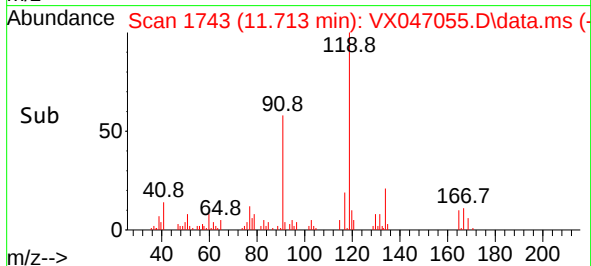
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



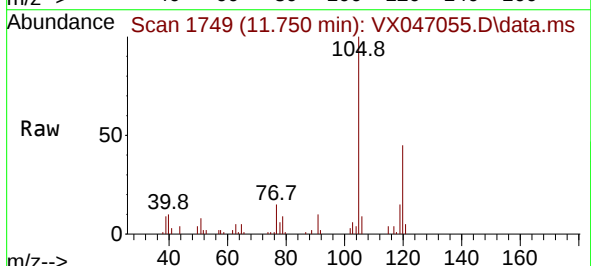
Tgt Ion:119 Resp: 14652
Ion Ratio Lower Upper
119 100
91 60.5 29.6 88.8
134 19.6 11.4 34.1

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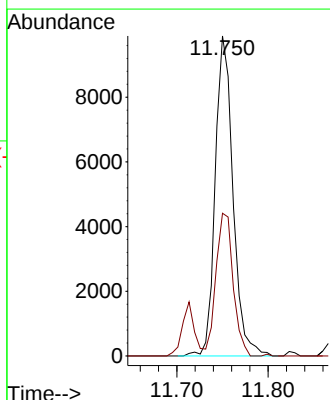
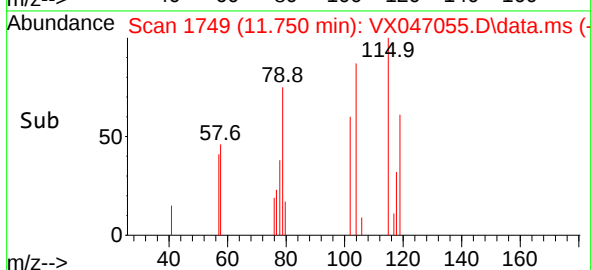
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

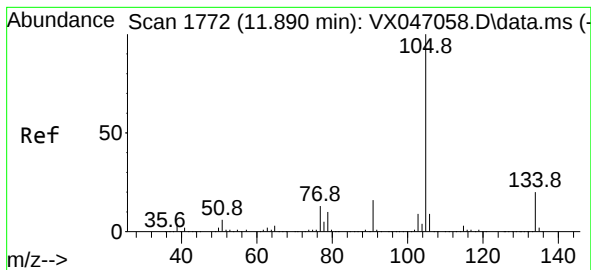


#84
1,2,4-Trimethylbenzene
Concen: 0.770 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion:105 Resp: 13354
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0





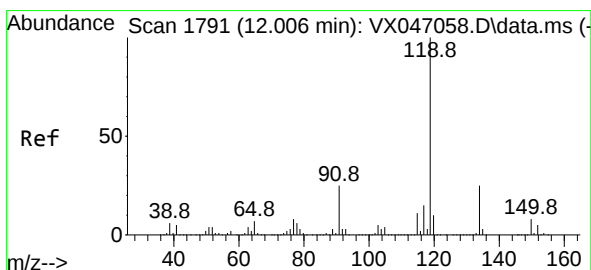
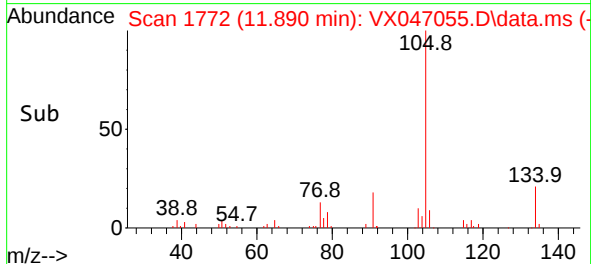
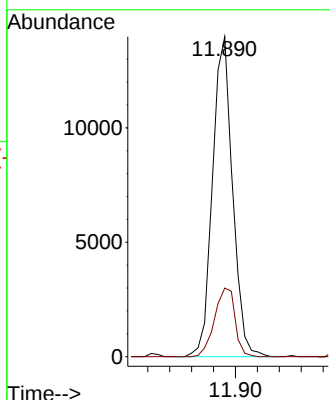
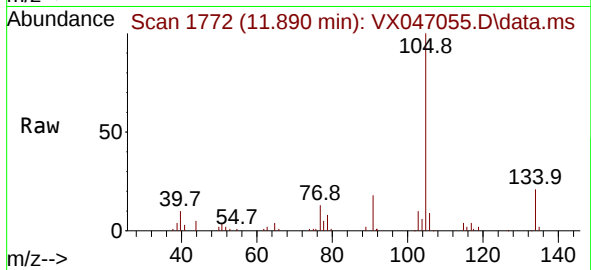
#85
 sec-Butylbenzene
 Concen: 0.814 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047055.D
 Acq: 21 Jul 2025 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 1776
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.9 29.7

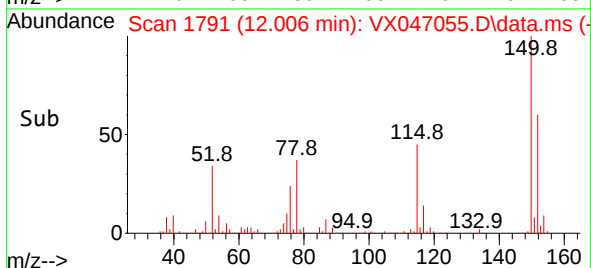
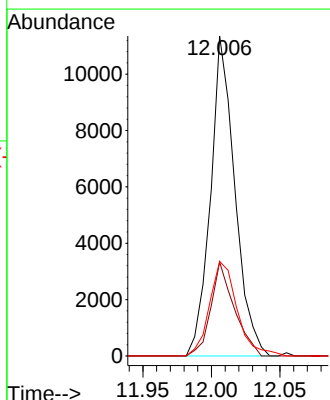
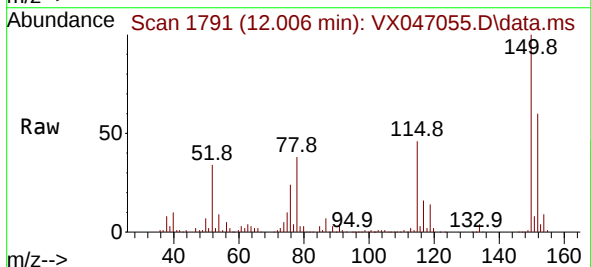
Manual Integrations
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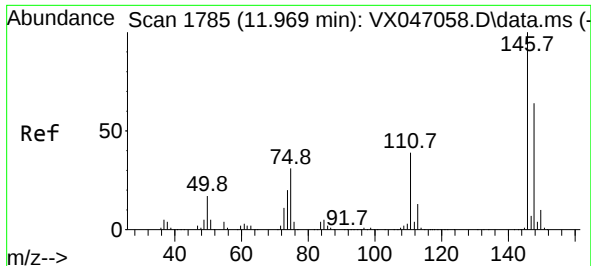
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#86
 p-Isopropyltoluene
 Concen: 0.775 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047055.D
 Acq: 21 Jul 2025 09:47

Tgt Ion:119 Resp: 14016
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.8 38.4
 91 33.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 0.869 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 833

Ion Ratio Lower Upper

146 100

111 44.9 21.0 63.0

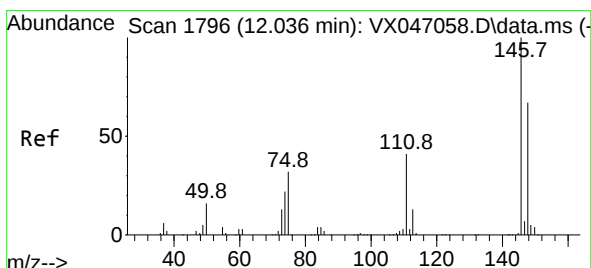
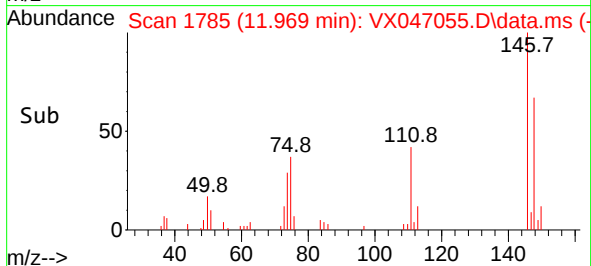
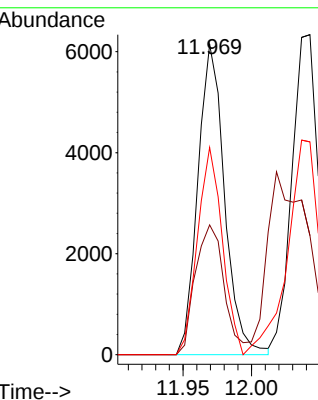
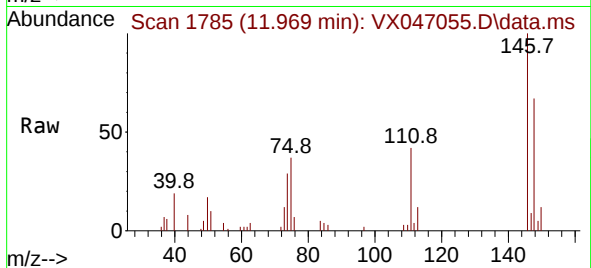
148 62.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#88

1,4-Dichlorobenzene

Concen: 0.911 ug/l m

RT: 12.043 min Scan# 1797

Delta R.T. 0.007 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

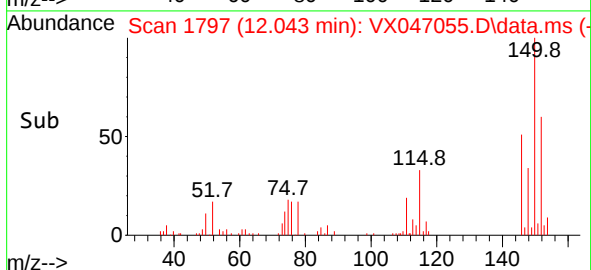
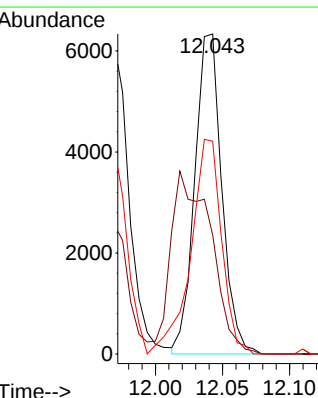
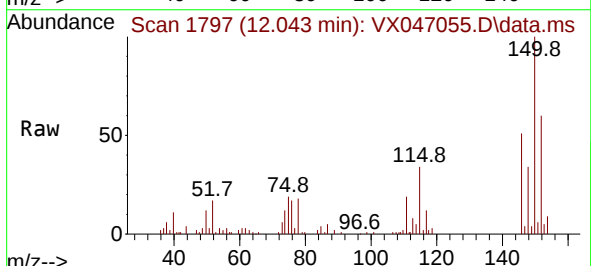
Tgt Ion:146 Resp: 8857

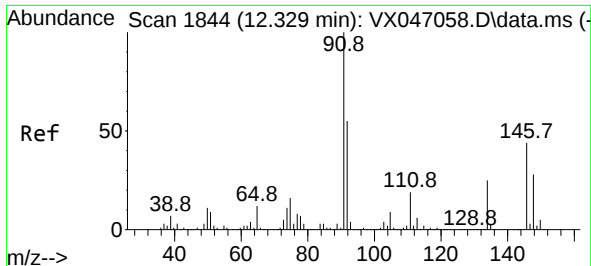
Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

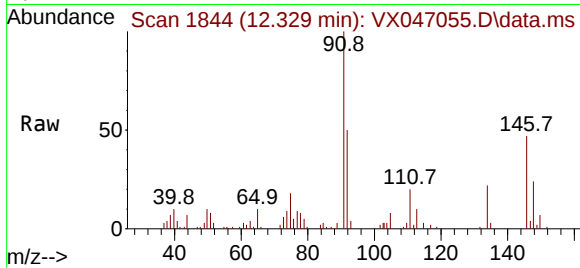
148 58.4 33.0 98.9





#89
n-Butylbenzene
Concen: 0.832 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

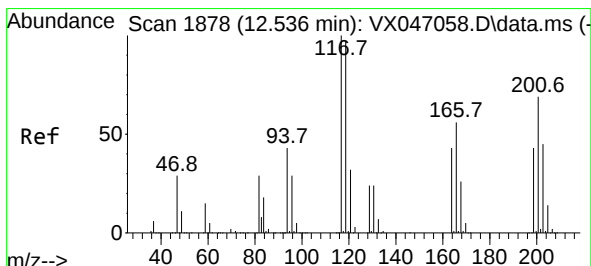
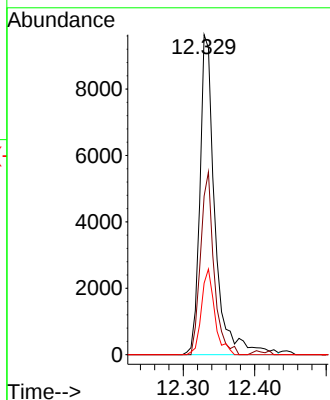
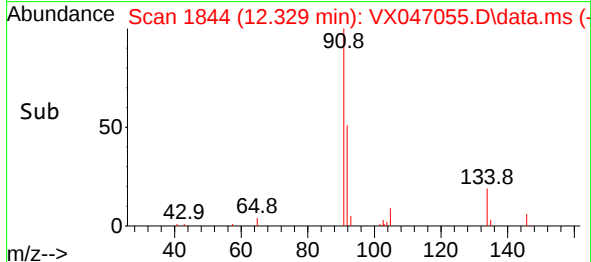
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 14110
Ion Ratio Lower Upper
91 100
92 50.6 27.5 82.5
134 23.6 12.8 38.3

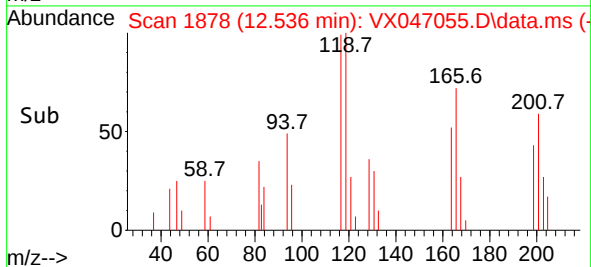
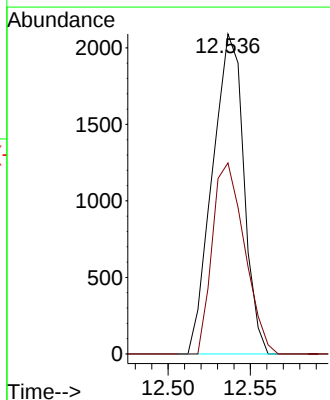
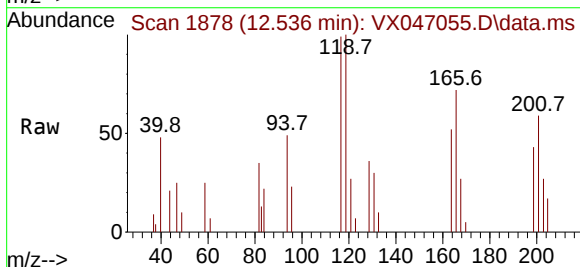
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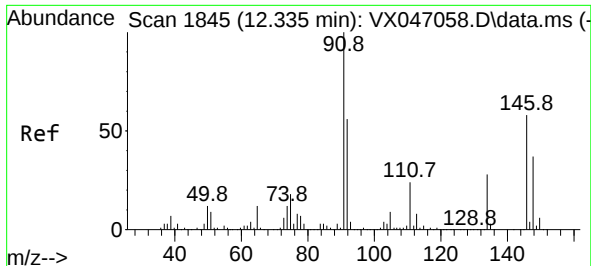
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 0.857 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

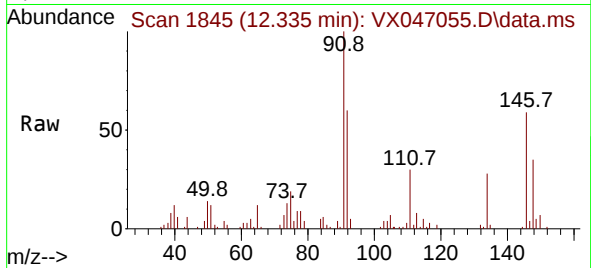
Tgt Ion:117 Resp: 2772
Ion Ratio Lower Upper
117 100
201 61.4 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 0.892 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

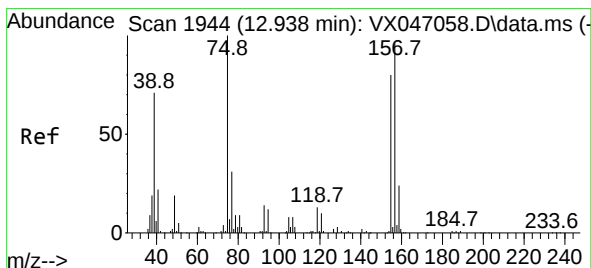
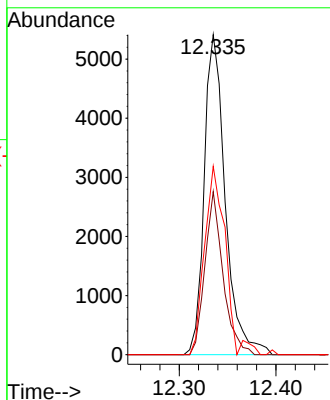
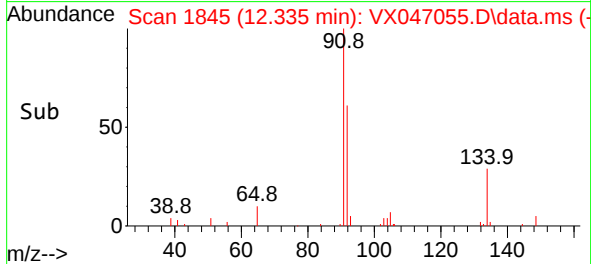
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



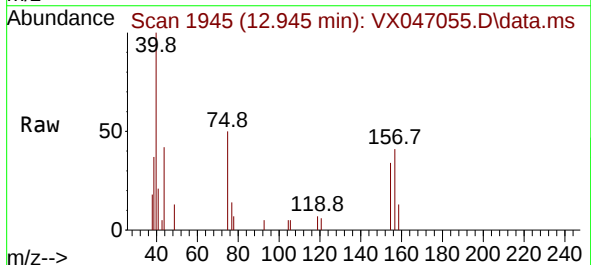
Tgt Ion:146 Resp: 8184
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 58.7 31.9 95.7

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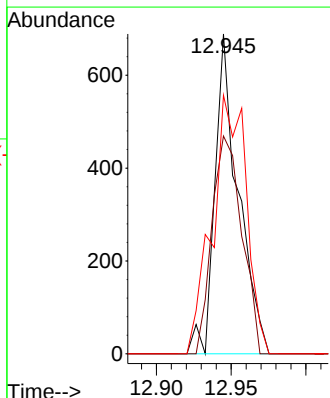
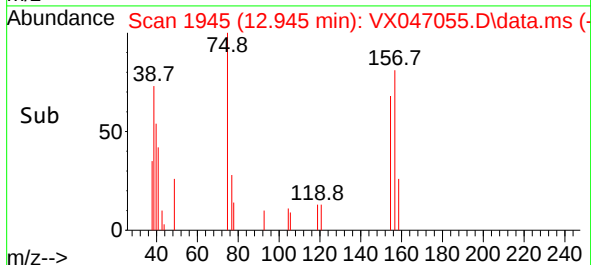
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

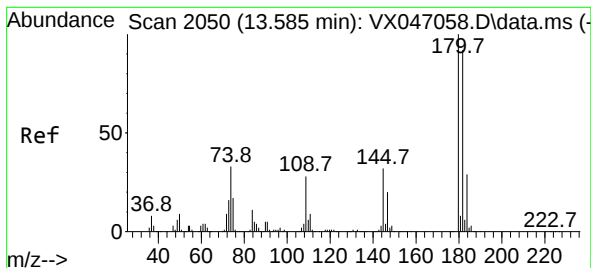


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.649 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion: 75 Resp: 749
Ion Ratio Lower Upper
75 100
155 86.6 41.3 124.1
157 117.2 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 0.810 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.007 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

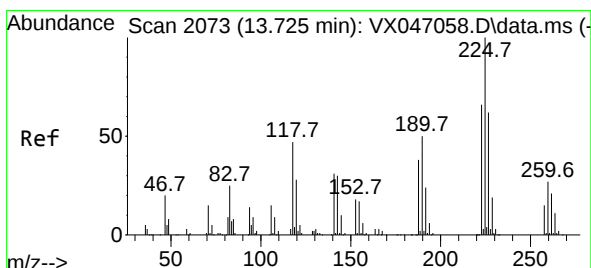
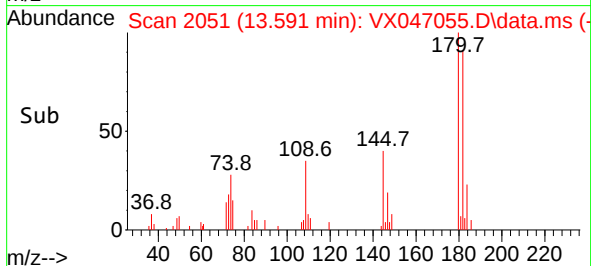
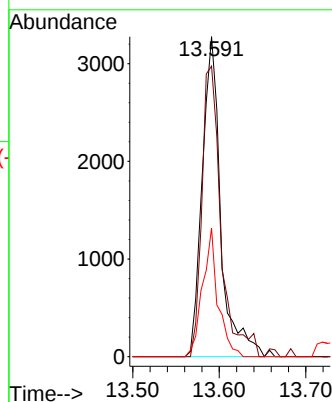
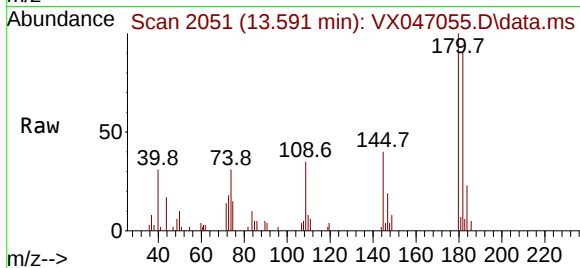
Tgt Ion:180	Resp:	4900
Ion Ratio	Lower	Upper
180	100	
182	92.4	47.3 141.8
145	33.2	16.4 49.1

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#94

Hexachlorobutadiene

Concen: 0.866 ug/l

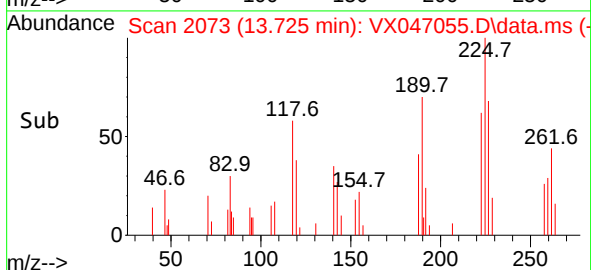
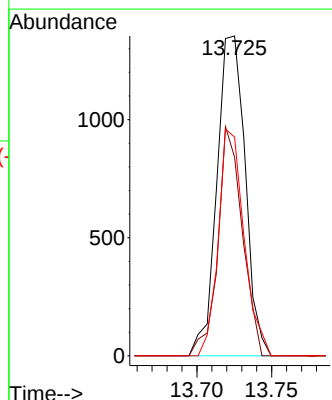
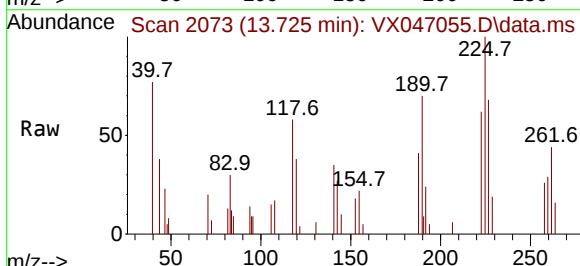
RT: 13.725 min Scan# 2073

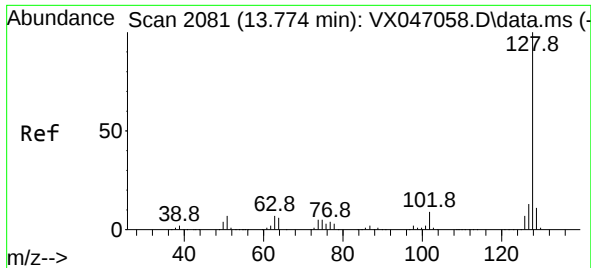
Delta R.T. 0.000 min

Lab File: VX047055.D

Acq: 21 Jul 2025 09:47

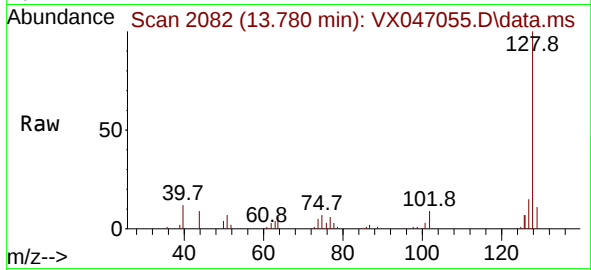
Tgt Ion:225	Resp:	1785
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.6 95.0
227	64.4	32.9 98.6





#95
Naphthalene
Concen: 0.712 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47

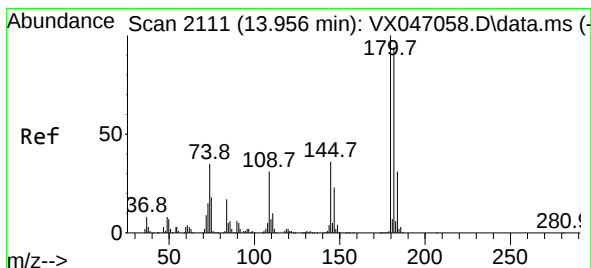
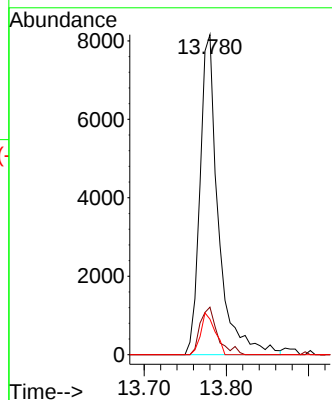
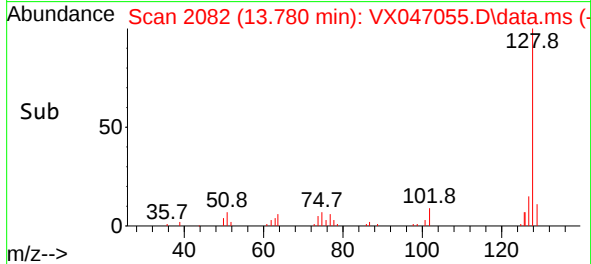
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



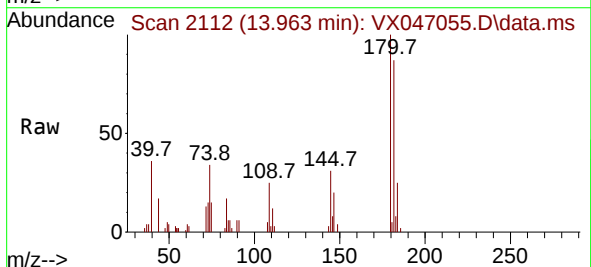
Tgt Ion:128 Resp: 1264
Ion Ratio Lower Upper
128 100
127 14.0 10.1 15.1
129 10.1 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.846 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.007 min
Lab File: VX047055.D
Acq: 21 Jul 2025 09:47



Tgt Ion:180 Resp: 4936
Ion Ratio Lower Upper
180 100
182 87.3 46.9 140.6
145 33.7 17.3 52.0

