

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038973.D
 Acq On : 21 Aug 2025 09:05
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

Quant Time: Aug 22 03:54:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 03:54:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	361688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	636070	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	596513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	251713	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	81 - 118	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	80 - 119	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	89 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	85 - 114	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	6883	1.273	ug/l	96
3) Chloromethane	1.227	50	6352	1.137	ug/l	92
4) Vinyl Chloride	1.297	62	7123	1.209	ug/l	90
6) Chloroethane	1.564	64	2500m	0.834	ug/l	
7) Trichlorofluoromethane	1.725	101	9708	1.203	ug/l	94
8) Diethyl Ether	1.918	74	3244	1.307	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.079	101	5954	1.336	ug/l	99
12) 1,1-Dichloroethene	2.085	96	4880	1.189	ug/l	94
14) Allyl chloride	2.358	41	6298	1.149	ug/l	93
15) Acrylonitrile	2.699	53	11114m	5.319	ug/l	
16) Acetone	2.121	43	14090	6.917	ug/l	92
17) Carbon Disulfide	2.256	76	13201	1.156	ug/l #	94
18) Methyl Acetate	2.394	43	4416m	1.023	ug/l	
19) Methyl tert-butyl Ether	2.715	73	11785	0.971	ug/l	96
20) Methylene Chloride	2.458	84	5824	1.230	ug/l	96
21) trans-1,2-Dichloroethene	2.709	96	4171	0.976	ug/l #	82
22) Diisopropyl ether	3.217	45	12570m	1.045	ug/l	
23) Vinyl Acetate	3.220	43	44070m	4.574	ug/l	
24) 1,1-Dichloroethane	3.124	63	9355	1.174	ug/l	97
25) 2-Butanone	3.953	43	10293m	3.802	ug/l	
26) 2,2-Dichloropropane	3.815	77	8938	1.169	ug/l	90
27) cis-1,2-Dichloroethene	3.847	96	5246m	1.017	ug/l	
28) Bromochloromethane	4.175	49	3349m	1.445	ug/l	
29) Tetrahydrofuran	4.265	42	8270m	4.690	ug/l	
30) Chloroform	4.288	83	9932	1.064	ug/l	91
32) 1,1,1-Trichloroethane	4.513	97	10188	1.190	ug/l #	45
36) 1,1-Dichloropropene	4.757	75	6881m	1.111	ug/l	
37) Ethyl Acetate	3.953	43	5460m	0.857	ug/l	
38) Carbon Tetrachloride	4.744	117	9223	1.112	ug/l	99
39) Methylcyclohexane	6.043	83	7300	0.922	ug/l #	84
40) Benzene	5.024	78	17600	0.907	ug/l #	88
41) Methacrylonitrile	4.252	41	2032m	0.844	ug/l	
42) 1,2-Dichloroethane	5.066	62	7662m	1.080	ug/l	
43) Isopropyl Acetate	5.236	43	10108m	1.102	ug/l	
44) Trichloroethene	5.854	130	5651	1.074	ug/l	95
45) 1,2-Dichloropropane	6.114	63	4343	0.933	ug/l #	88

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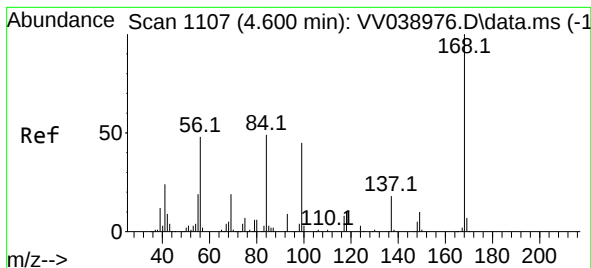
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.249	93	4509	1.155	ug/l	87
47) Bromodichloromethane	6.439	83	8726	1.098	ug/l	91
48) Methyl methacrylate	6.368	41	4351m	1.071	ug/l	
49) 1,4-Dioxane	6.333	88	1233m	17.377	ug/l	
51) 4-Methyl-2-Pentanone	7.159	43	20823	3.382	ug/l	91
52) Toluene	7.326	92	10062	0.819	ug/l	96
53) t-1,3-Dichloropropene	7.606	75	6854m	0.923	ug/l	
54) cis-1,3-Dichloropropene	6.966	75	6390	0.830	ug/l	92
55) 1,1,2-Trichloroethane	7.776	97	5138	0.959	ug/l	94
56) Ethyl methacrylate	7.741	69	3602	2.674	ug/l #	88
57) 1,3-Dichloropropane	7.950	76	7044	0.843	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.844	63	9019	7.421	ug/l #	77
59) 2-Hexanone	8.088	43	13246	12.844	ug/l	89
60) Dibromochloromethane	8.175	129	6338	0.980	ug/l	99
61) 1,2-Dibromoethane	8.284	107	4673	0.841	ug/l	100
64) Tetrachloroethene	7.905	164	4279	0.964	ug/l	94
65) Chlorobenzene	8.808	112	15090	1.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.902	131	5184	1.004	ug/l #	60
67) Ethyl Benzene	8.947	91	19734	0.899	ug/l	91
68) m/p-Xylenes	9.072	106	13689	1.605	ug/l	93
69) o-Xylene	9.477	106	6311	0.812	ug/l	98
70) Styrene	9.506	104	10182m	0.764	ug/l	
71) Bromoform	9.667	173	4399m	1.032	ug/l	
73) Isopropylbenzene	9.860	105	16775	0.993	ug/l	99
74) N-amyl acetate	9.760	43	6220m	1.014	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.172	83	8787	1.310	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	4814	1.040	ug/l #	23
77) Bromobenzene	10.152	156	4365	1.006	ug/l	87
78) n-propylbenzene	10.284	91	18791	0.932	ug/l	99
79) 2-Chlorotoluene	10.358	91	10427	0.842	ug/l	97
80) 1,3,5-Trimethylbenzene	10.471	105	13747	0.967	ug/l	97
82) 4-Chlorotoluene	10.477	91	12887	0.923	ug/l	99
83) tert-Butylbenzene	10.792	119	14198	1.006	ug/l	95
84) 1,2,4-Trimethylbenzene	10.850	105	12782	0.940	ug/l	95
85) sec-Butylbenzene	11.014	105	18208	0.992	ug/l	95
86) p-Isopropyltoluene	11.168	119	14370	0.930	ug/l	91
87) 1,3-Dichlorobenzene	11.117	146	8733	1.019	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	10066m	1.101	ug/l	
89) n-Butylbenzene	11.590	91	14990	0.995	ug/l	91
90) Hexachloroethane	11.818	117	4168	1.167	ug/l	87
91) 1,2-Dichlorobenzene	11.580	146	8482	1.038	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.358	75	1443	1.106	ug/l	82
93) 1,2,4-Trichlorobenzene	13.197	180	4723	0.969	ug/l	95
94) Hexachlorobutadiene	13.374	225	2983	1.187	ug/l	92
95) Naphthalene	13.438	128	13876	0.902	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.676	180	4421	0.899	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.004 min

Lab File: VV038973.D

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Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion:168 Resp: 361688

Ion Ratio Lower Upper

168 100

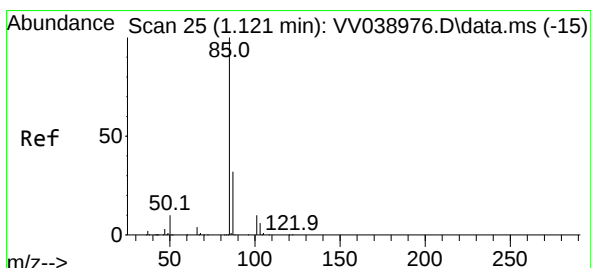
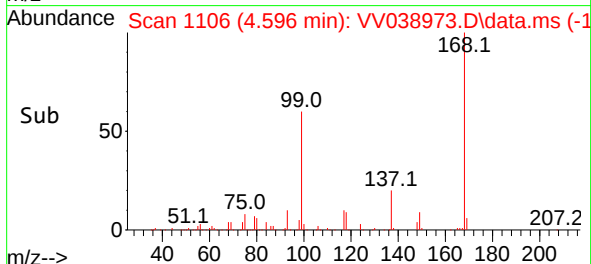
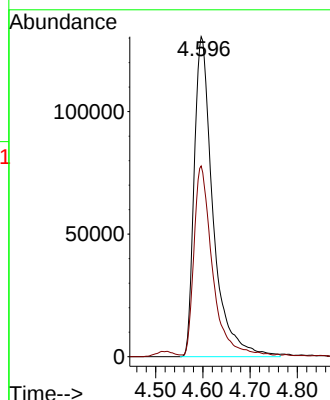
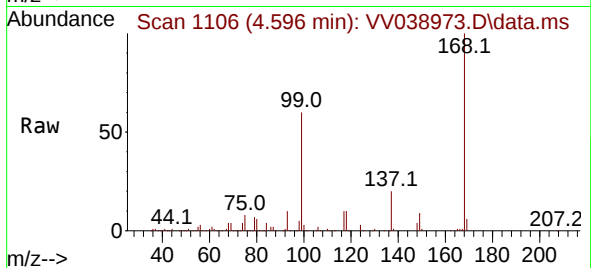
99 59.1 47.0 70.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.273 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038973.D

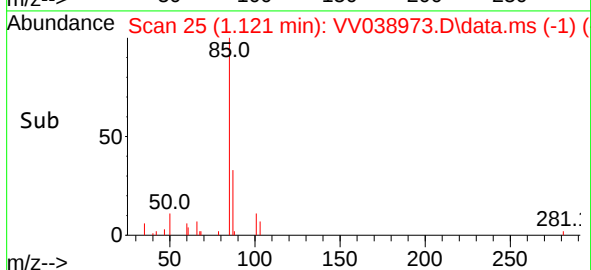
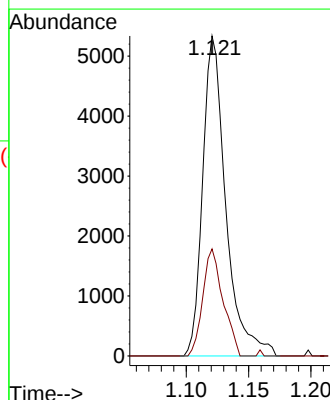
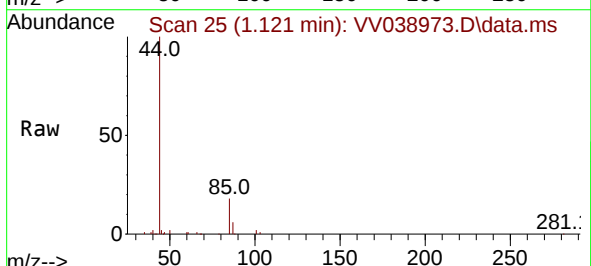
Acq: 21 Aug 2025 09:05

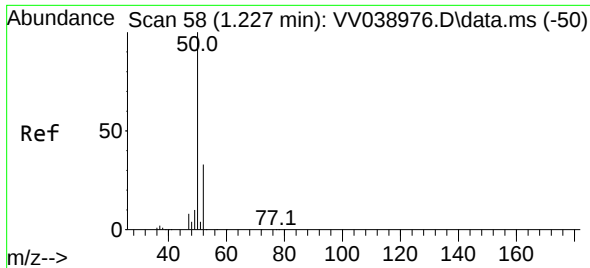
Tgt Ion: 85 Resp: 6883

Ion Ratio Lower Upper

85 100

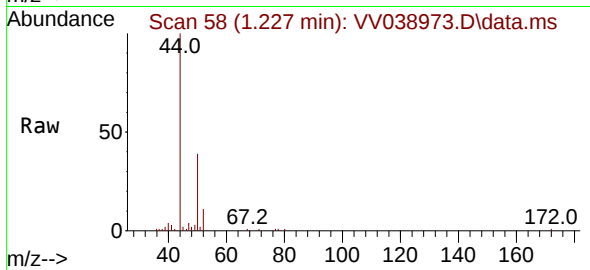
87 33.5 15.8 47.3





#3
Chloromethane
Concen: 1.137 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

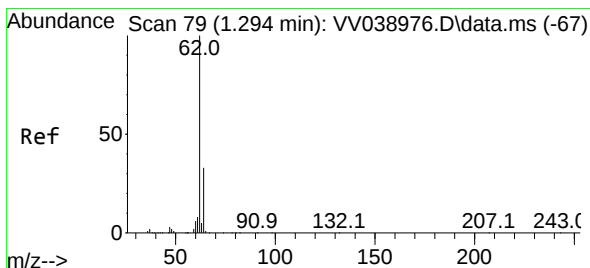
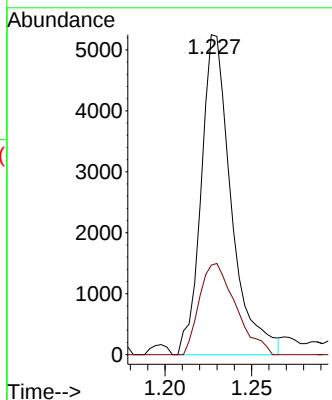
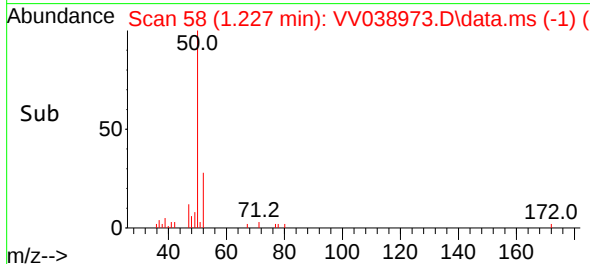
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



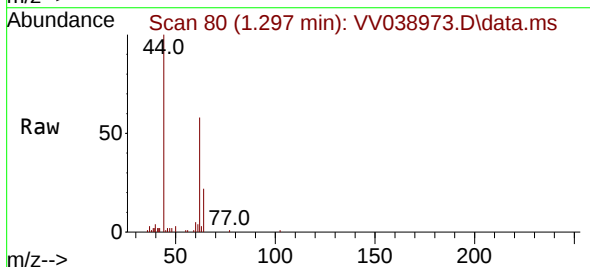
Tgt Ion: 50 Resp: 6352
Ion Ratio Lower Upper
50 100
52 28.0 26.2 39.2

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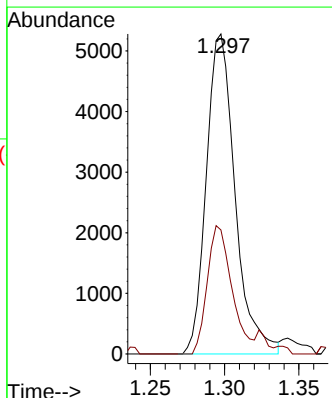
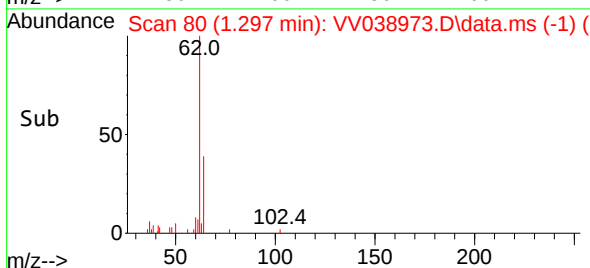
Reviewed By :John Carlone 08/22/2025
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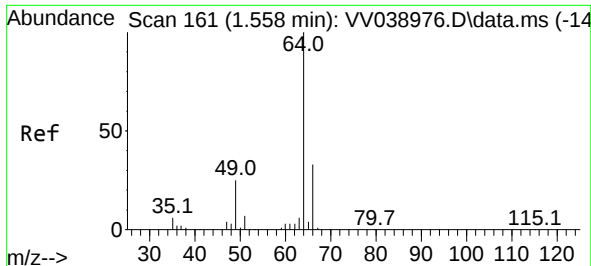


#4
Vinyl Chloride
Concen: 1.209 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



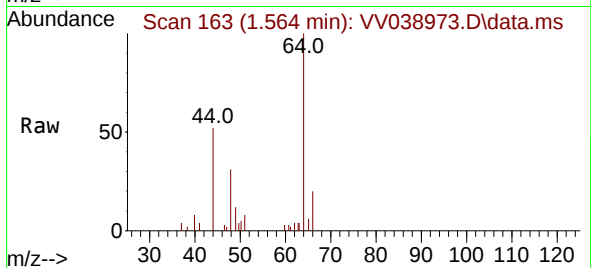
Tgt Ion: 62 Resp: 7123
Ion Ratio Lower Upper
62 100
64 38.8 26.4 39.6





#6
Chloroethane
Concen: 0.834 ug/l m
RT: 1.564 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

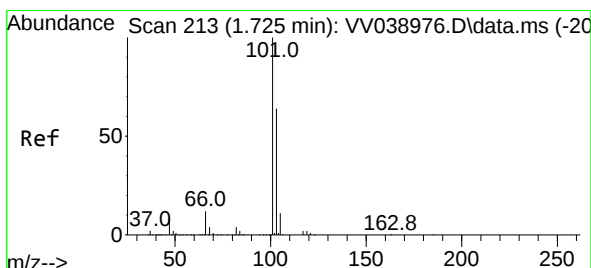
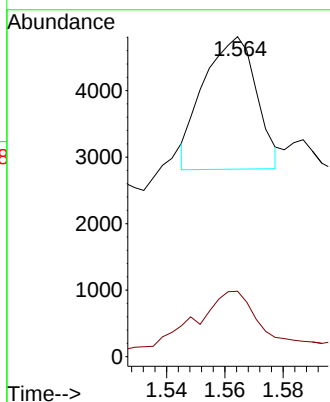
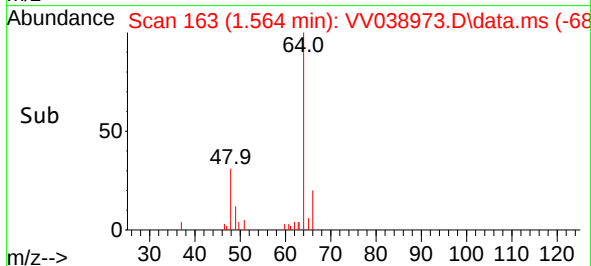
Instrument :
MSVOA_V
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VSTDICC001



Tgt Ion: 64 Resp: 2500
Ion Ratio Lower Upper
64 100
66 20.5 26.8 40.2

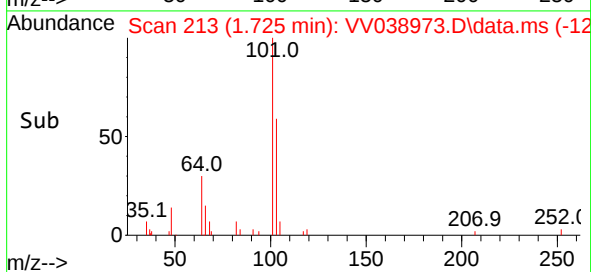
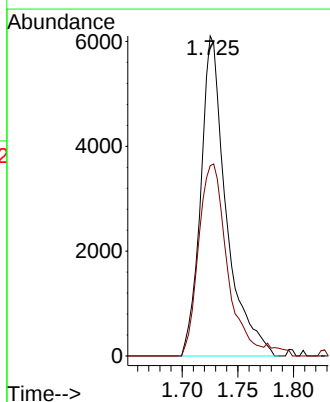
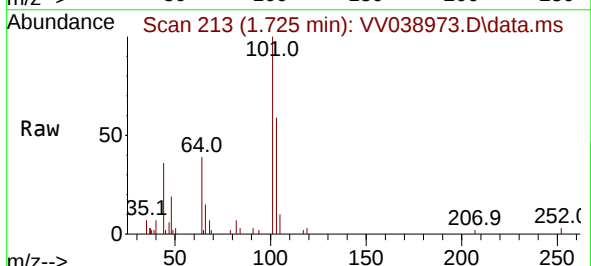
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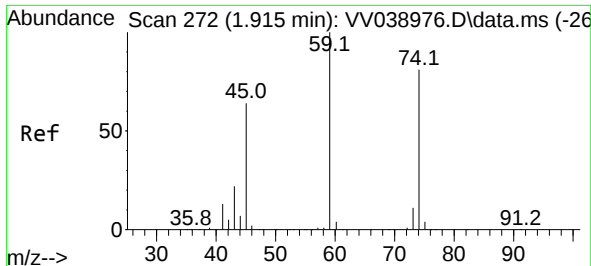
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#7
Trichlorofluoromethane
Concen: 1.203 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:101 Resp: 9708
Ion Ratio Lower Upper
101 100
103 59.5 51.4 77.2





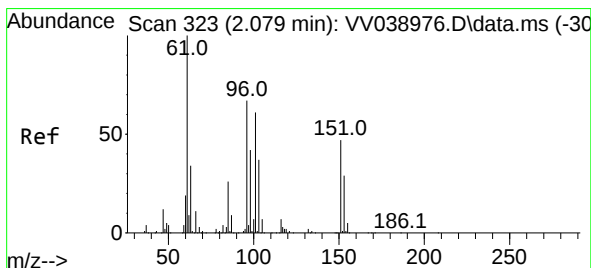
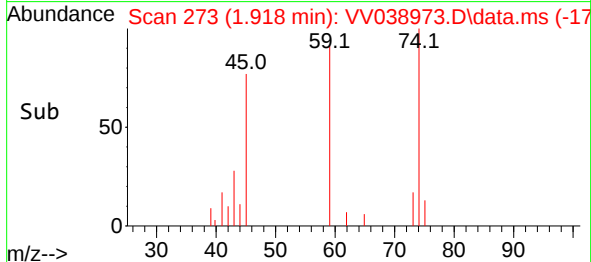
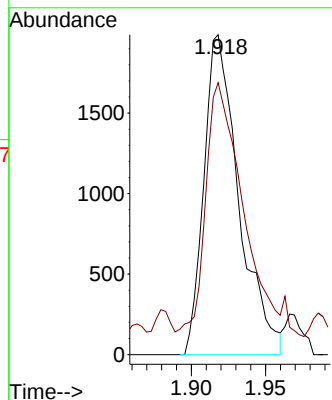
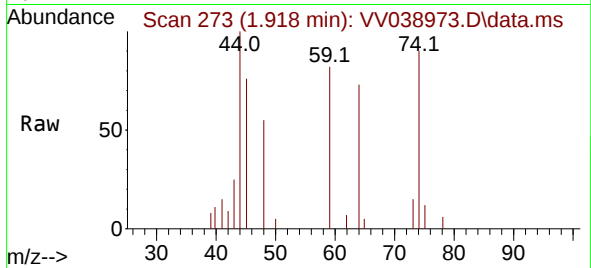
#8
Diethyl Ether
Concen: 1.307 ug/l
RT: 1.918 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
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Tgt Ion: 74 Resp: 324
Ion Ratio Lower Upper
74 100
45 87.2 39.8 119.4

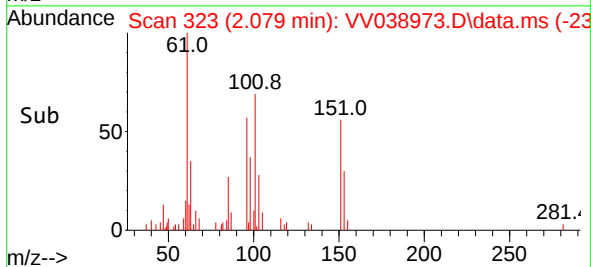
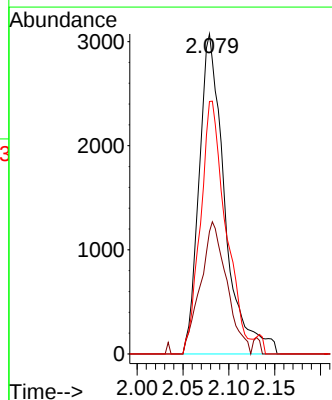
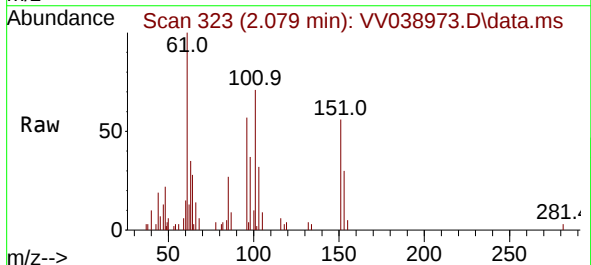
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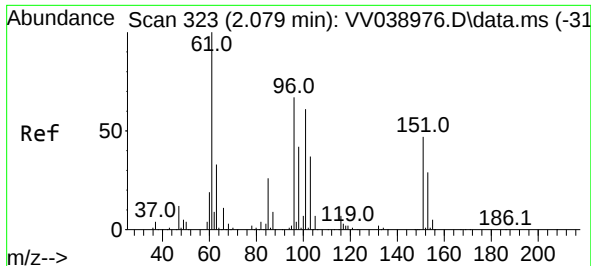
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.336 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:101 Resp: 5954
Ion Ratio Lower Upper
101 100
85 42.4 34.6 51.8
151 79.0 62.1 93.1





#12

1,1-Dichloroethene

Concen: 1.189 ug/l

RT: 2.085 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 4880

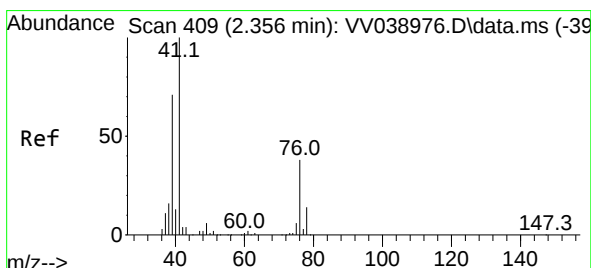
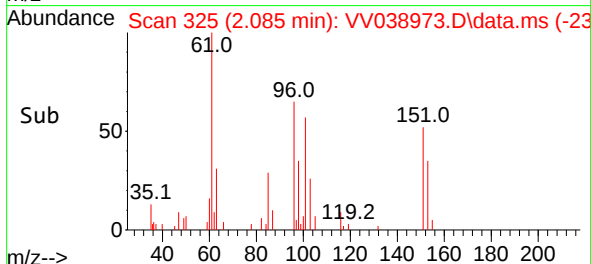
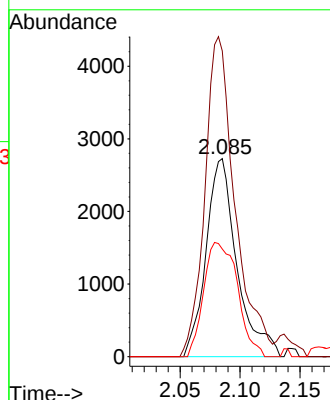
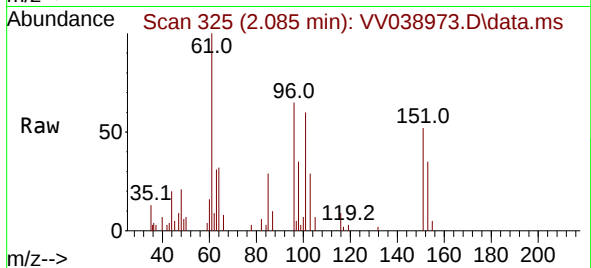
Ion	Ratio	Lower	Upper
96	100		
61	154.4	119.8	179.8
98	54.4	50.2	75.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/25/2025



#14

Allyl chloride

Concen: 1.149 ug/l

RT: 2.358 min Scan# 410

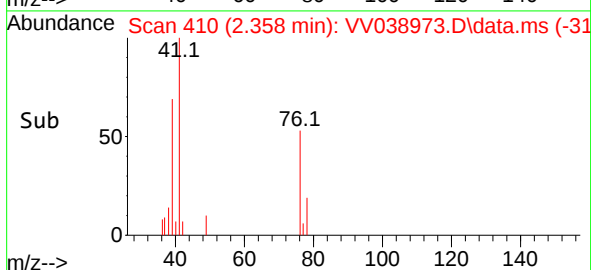
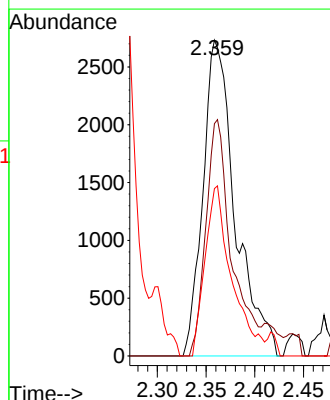
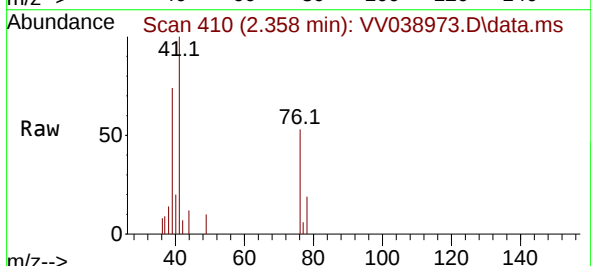
Delta R.T. 0.003 min

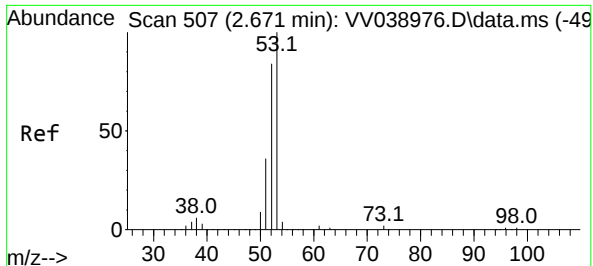
Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Tgt Ion: 41 Resp: 6298

Ion	Ratio	Lower	Upper
41	100		
39	60.0	55.0	82.4
76	44.5	35.6	53.4





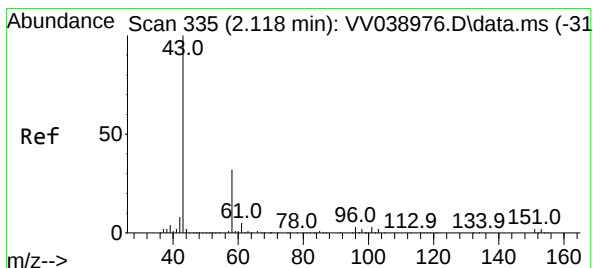
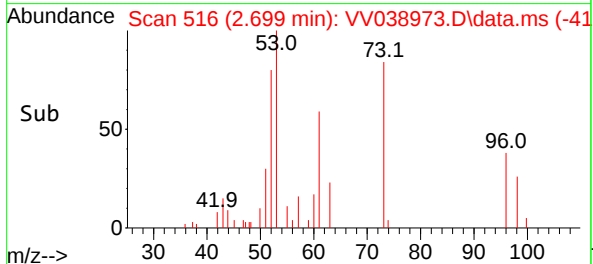
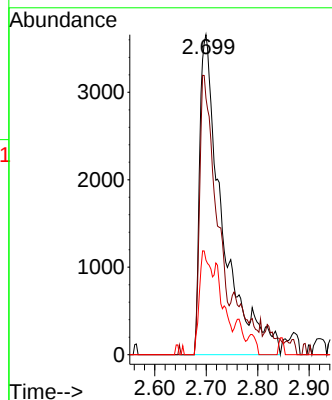
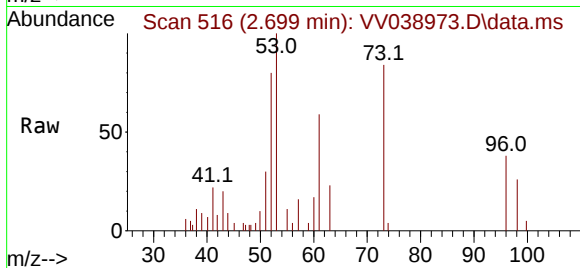
#15
Acrylonitrile
Concen: 5.319 ug/l m
RT: 2.699 min Scan# 511
Delta R.T. 0.029 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 11114
Ion Ratio Lower Upper
53 100
52 63.9 66.2 99.4
51 16.7 28.5 42.7

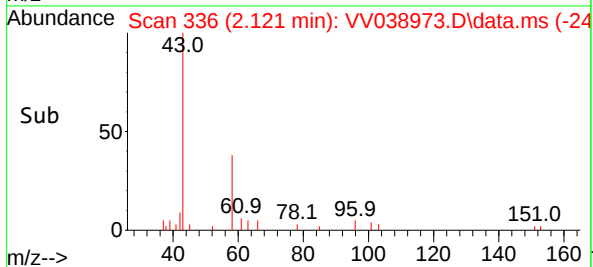
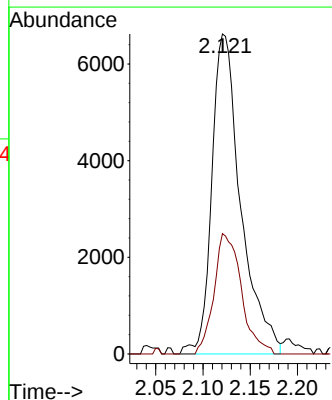
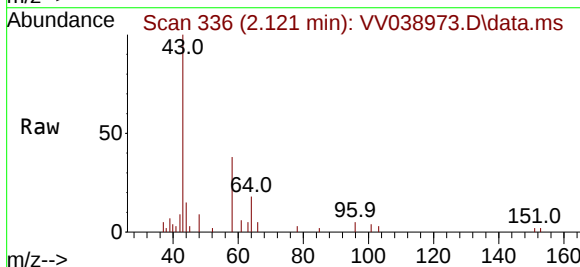
Manual Integrations
APPROVED

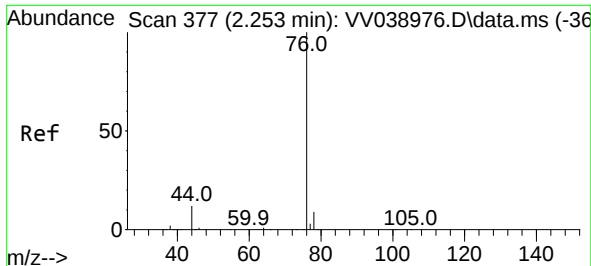
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 6.917 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

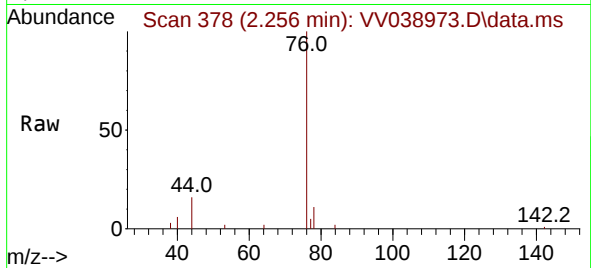
Tgt Ion: 43 Resp: 14090
Ion Ratio Lower Upper
43 100
58 37.6 26.3 39.5





#17
Carbon Disulfide
Concen: 1.156 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

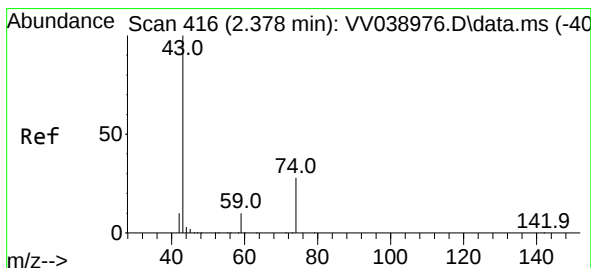
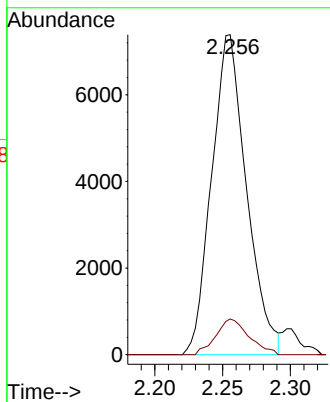
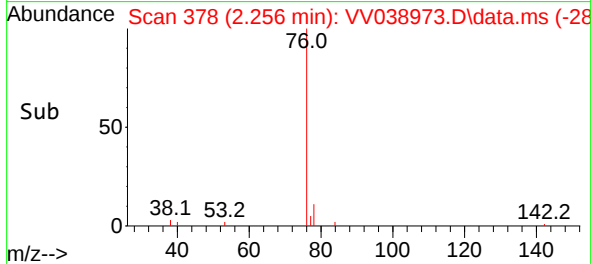
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 1320
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9

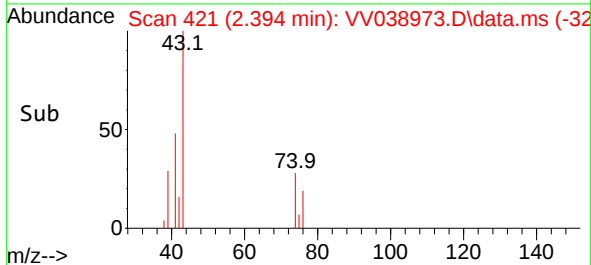
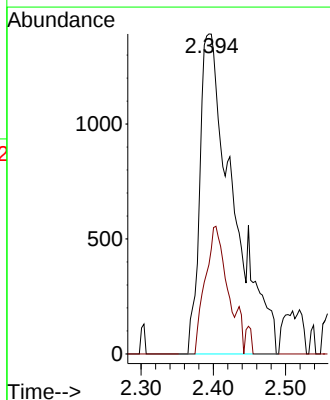
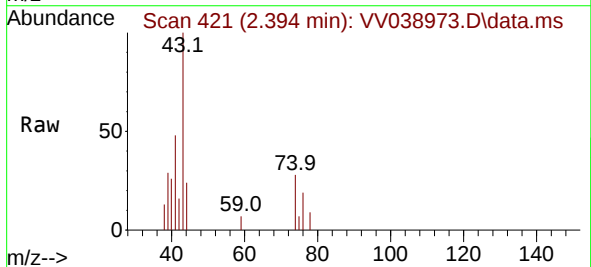
Manual Integrations
APPROVED

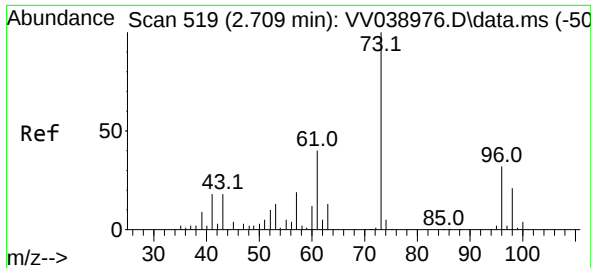
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 1.023 ug/l m
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

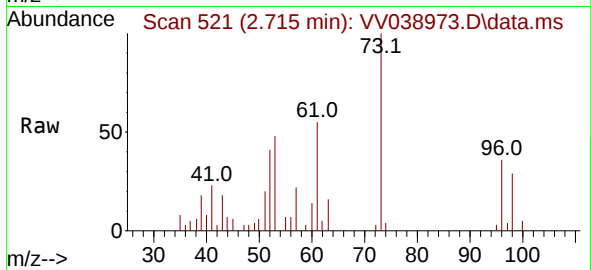
Tgt Ion: 43 Resp: 4416
Ion Ratio Lower Upper
43 100
74 25.1 23.5 35.3





#19
Methyl tert-butyl Ether
Concen: 0.971 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

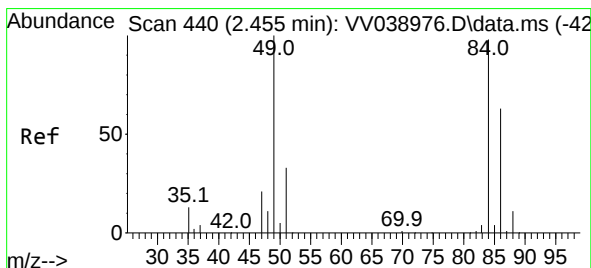
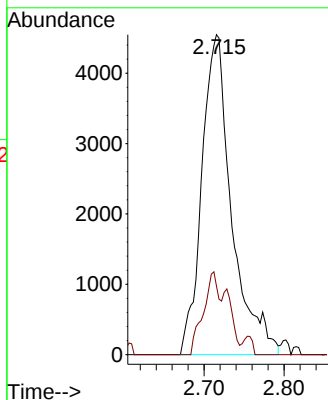
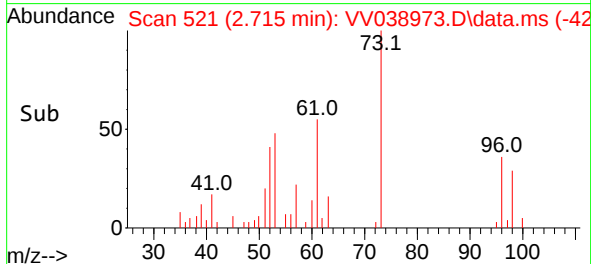
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



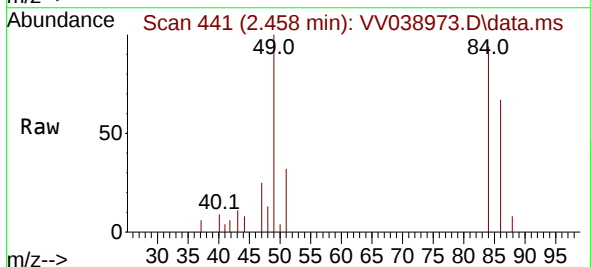
Tgt Ion: 73 Resp: 1178
Ion Ratio Lower Upper
73 100
57 21.5 15.7 23.5

Manual Integrations
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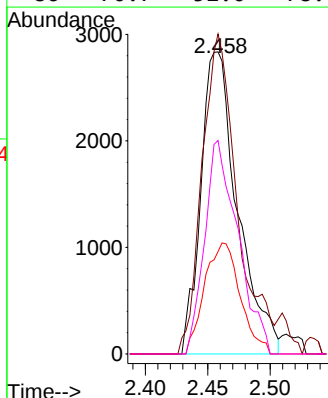
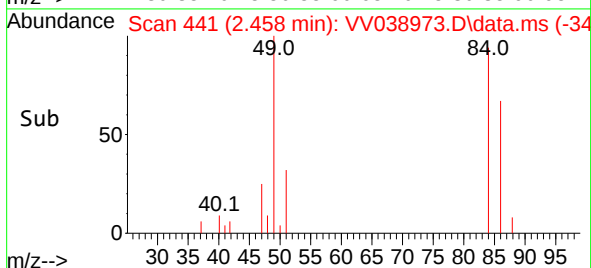
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

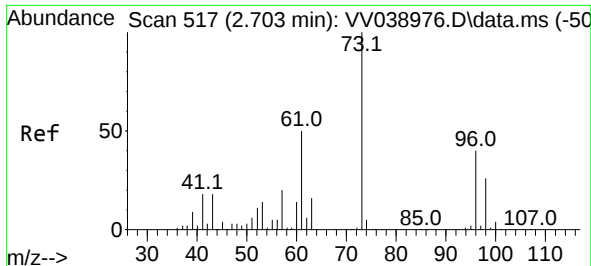


#20
Methylene Chloride
Concen: 1.230 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion: 84 Resp: 5824
Ion Ratio Lower Upper
84 100
49 105.9 81.9 122.9
51 33.9 26.9 40.3
86 70.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.976 ug/l

RT: 2.709 min Scan# 517

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 417

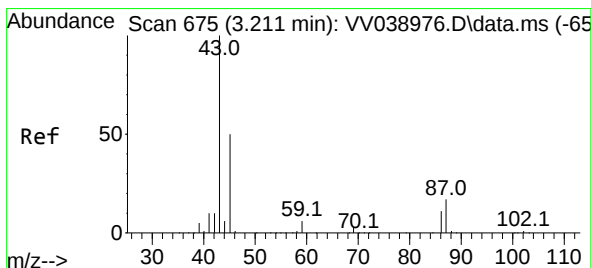
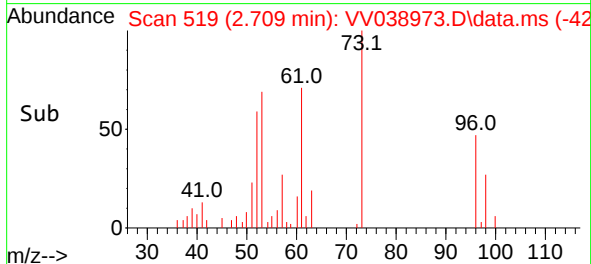
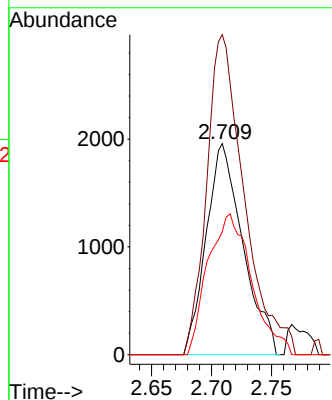
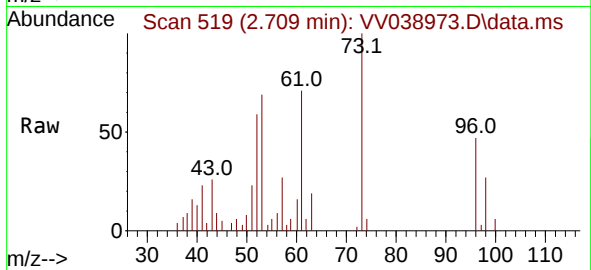
Ion	Ratio	Lower	Upper
96	100		
61	151.6	100.6	151.0
98	58.3	51.5	77.3

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#22

Diisopropyl ether

Concen: 1.045 ug/l m

RT: 3.217 min Scan# 677

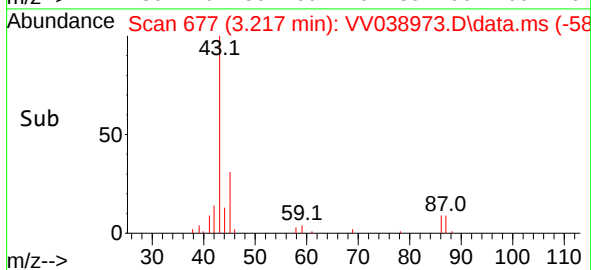
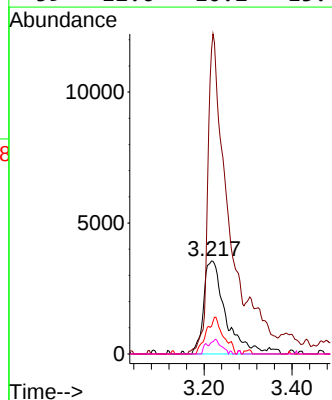
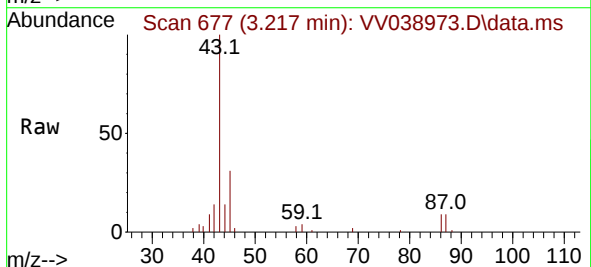
Delta R.T. 0.006 min

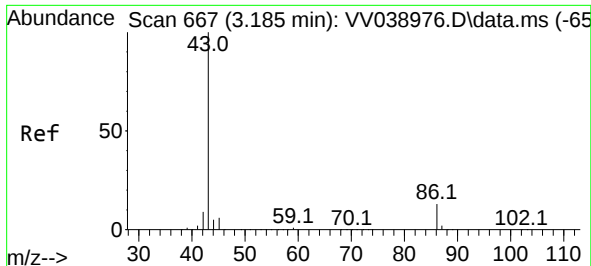
Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Tgt Ion: 45 Resp: 12570

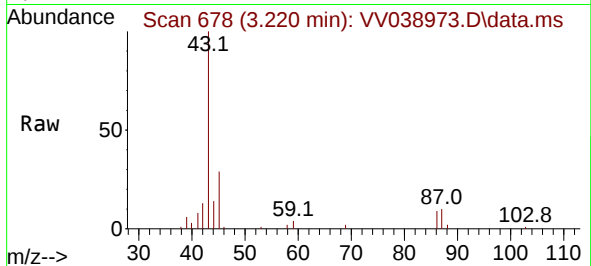
Ion	Ratio	Lower	Upper
45	100		
43	327.3	159.4	239.0
87	29.7	27.5	41.3
59	12.6	10.2	15.4





#23
 Vinyl Acetate
 Concen: 4.574 ug/l m
 RT: 3.220 min Scan# 61
 Delta R.T. 0.035 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

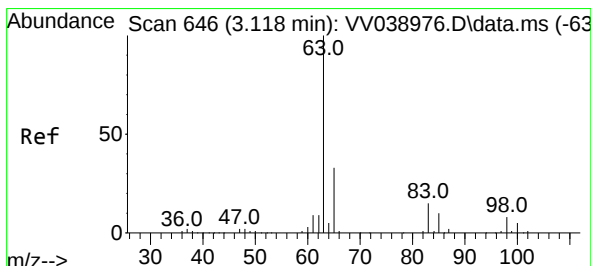
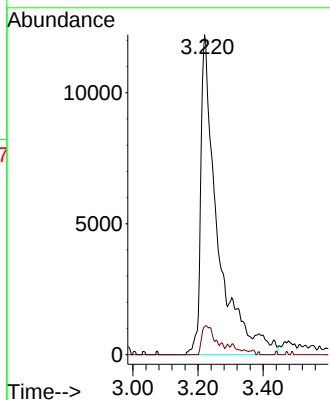
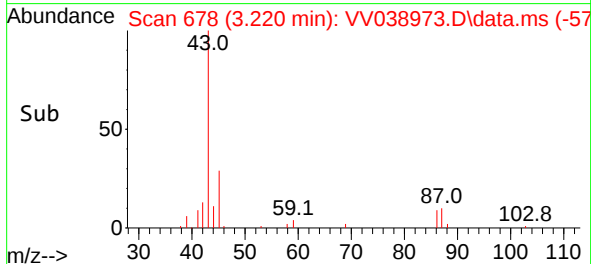
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001



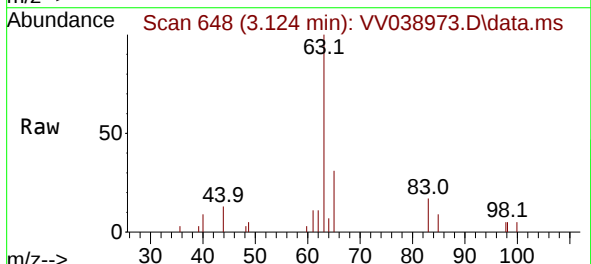
Tgt Ion: 43 Resp: 44070
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.7 16.1

Manual Integrations
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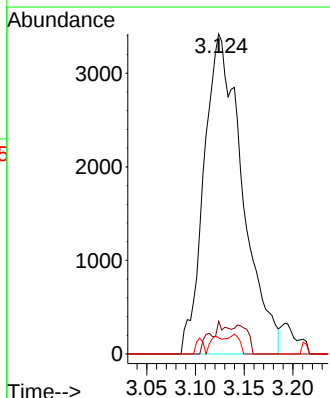
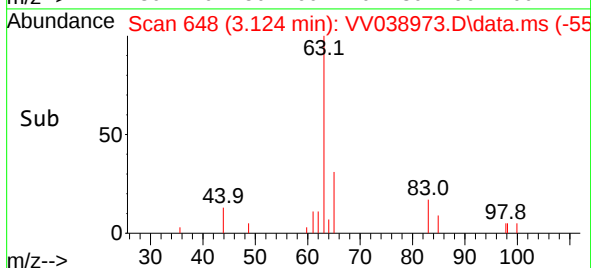
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

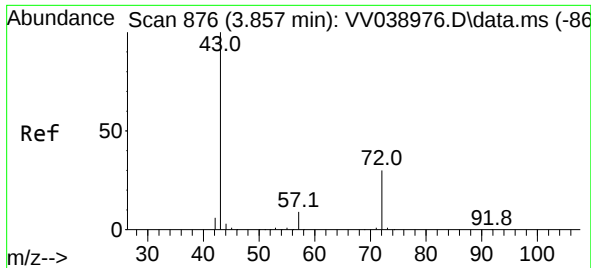


#24
 1,1-Dichloroethane
 Concen: 1.174 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.006 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05



Tgt Ion: 63 Resp: 9355
 Ion Ratio Lower Upper
 63 100
 98 10.2 4.3 12.8
 100 5.0 2.6 8.0





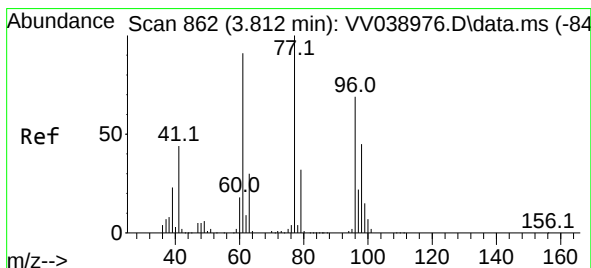
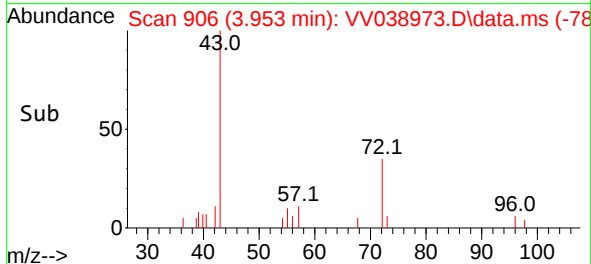
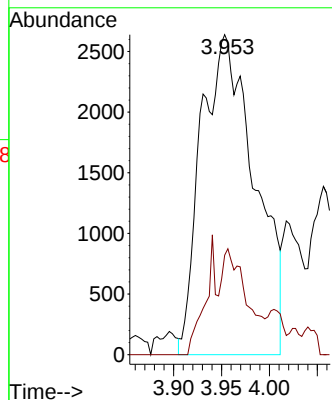
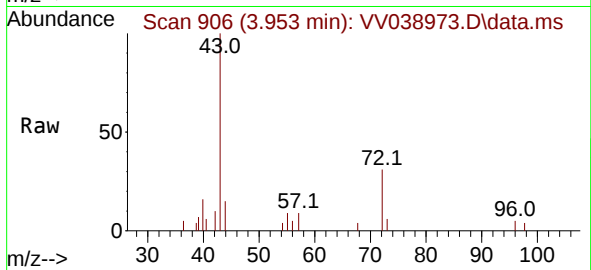
#25
2-Butanone
Concen: 3.802 ug/l m
RT: 3.953 min Scan# 906
Delta R.T. 0.096 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
72 31.1 23.9 35.9

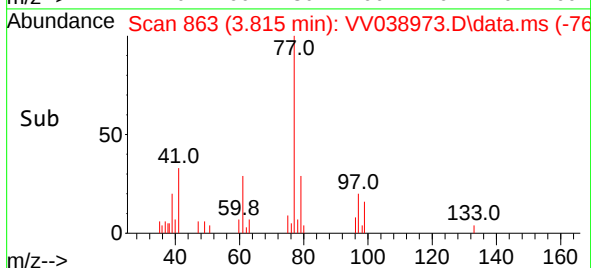
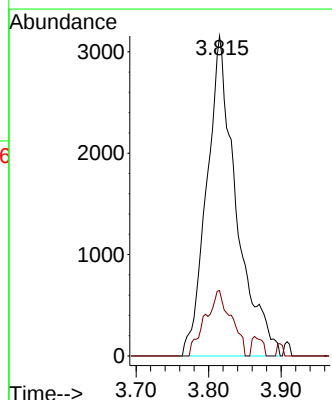
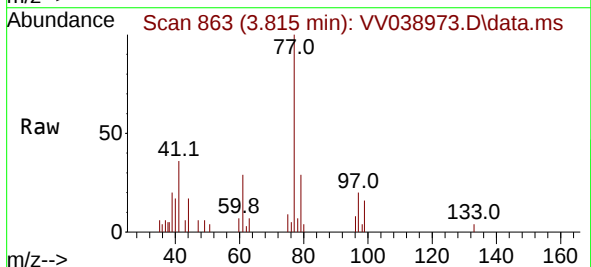
Manual Integrations
APPROVED

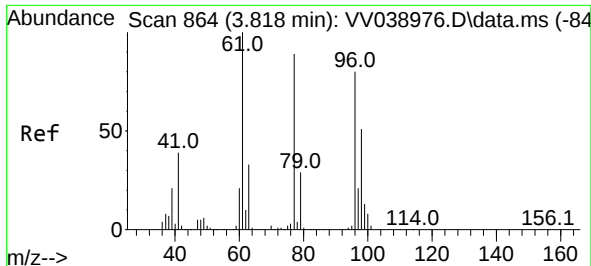
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 1.169 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

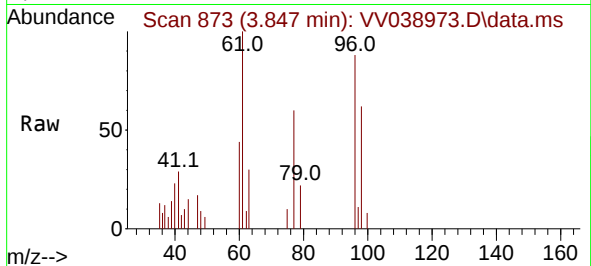
Tgt Ion: 77 Resp: 8938
Ion Ratio Lower Upper
77 100
97 17.9 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 1.017 ug/l m
 RT: 3.847 min Scan# 81
 Delta R.T. 0.029 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

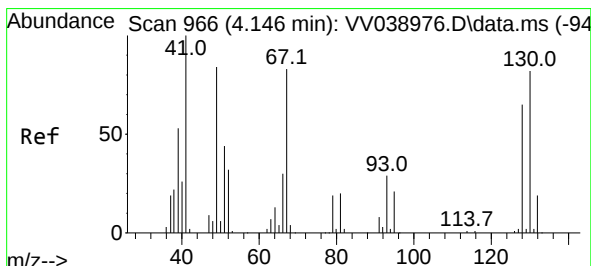
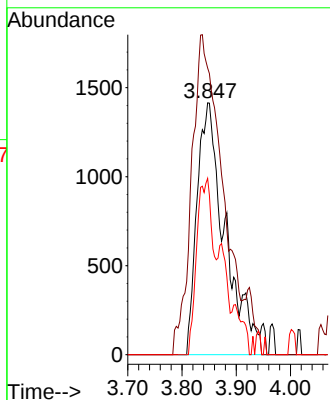
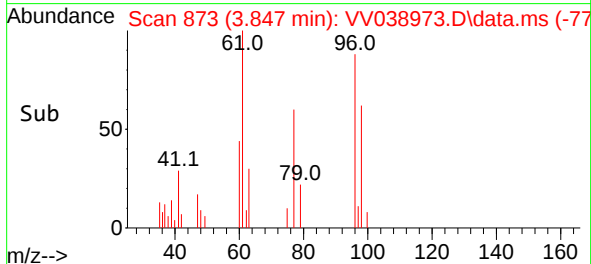
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001



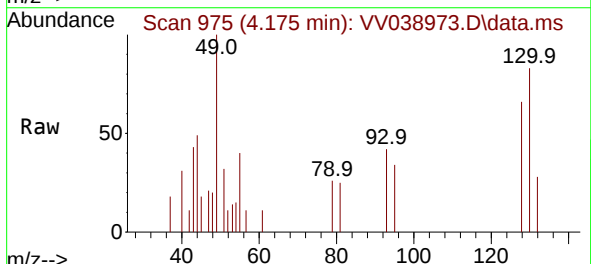
Tgt Ion: 96 Resp: 5240
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 264.4
 98 39.1 0.0 131.8

Manual Integrations
 APPROVED

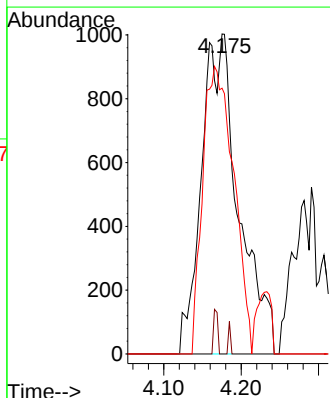
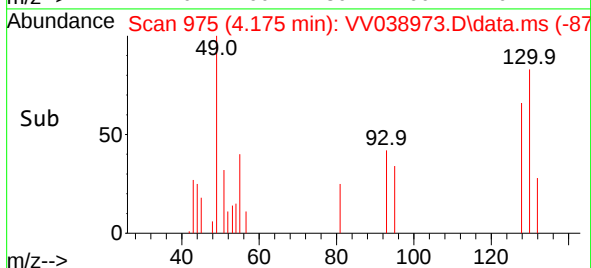
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

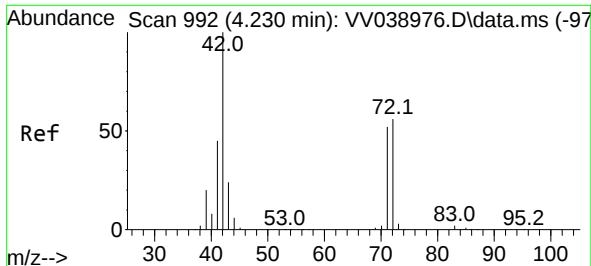


#28
 Bromochloromethane
 Concen: 1.445 ug/l m
 RT: 4.175 min Scan# 975
 Delta R.T. 0.029 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05



Tgt Ion: 49 Resp: 3349
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 74.8 78.2 117.2#





#29

Tetrahydrofuran

Concen: 4.690 ug/l m

RT: 4.265 min Scan# 1003

Delta R.T. 0.035 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

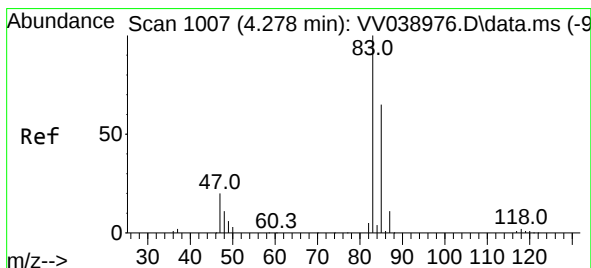
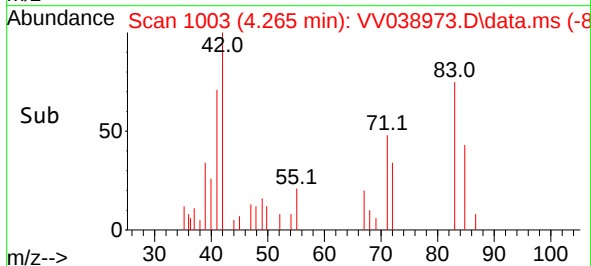
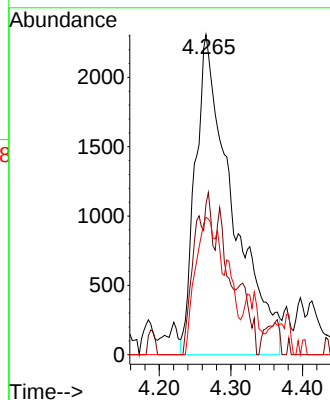
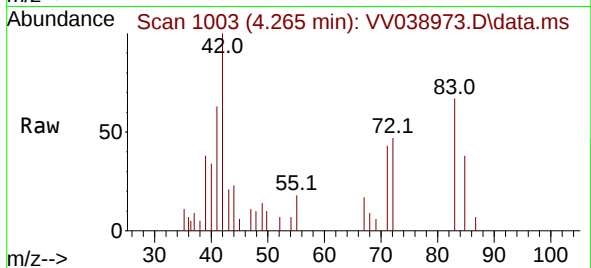
Tgt Ion:	42	Resp:	8270
Ion Ratio	Lower	Upper	
42	100		
72	8.4	44.6	66.8
71	28.5	41.6	62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Chloroform

Concen: 1.064 ug/l

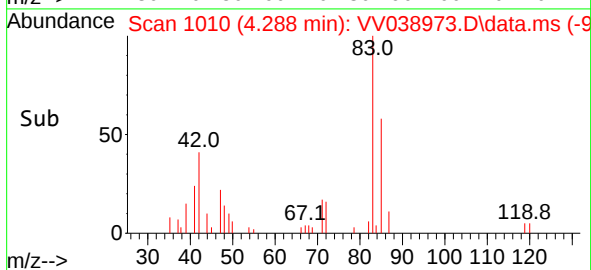
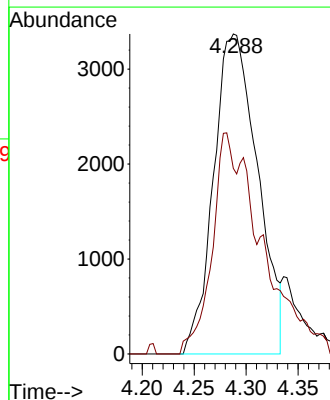
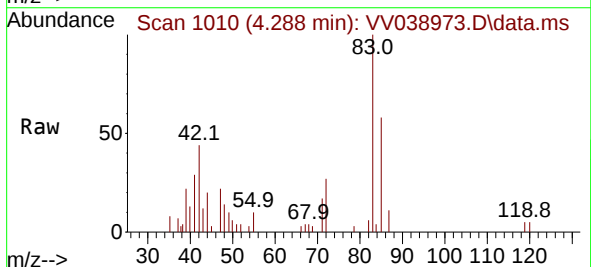
RT: 4.288 min Scan# 1010

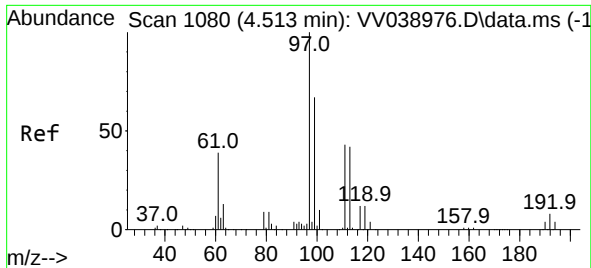
Delta R.T. 0.009 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

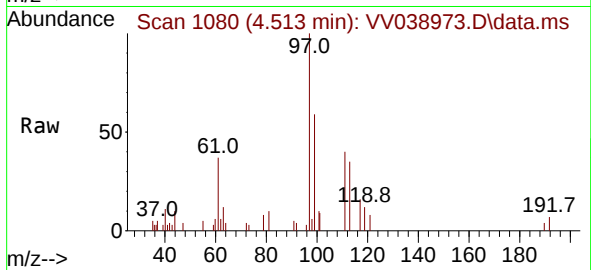
Tgt Ion:	83	Resp:	9932
Ion Ratio	Lower	Upper	
83	100		
85	58.0	52.2	78.2





#32
 1,1,1-Trichloroethane
 Concen: 1.190 ug/l
 RT: 4.513 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

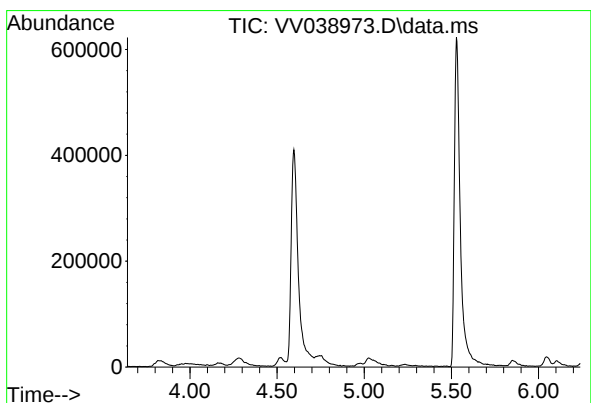
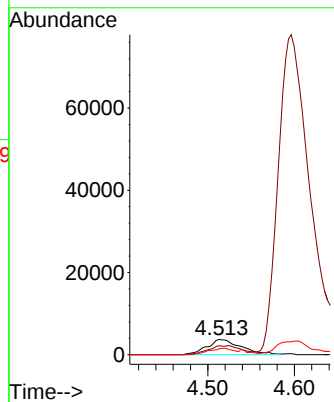
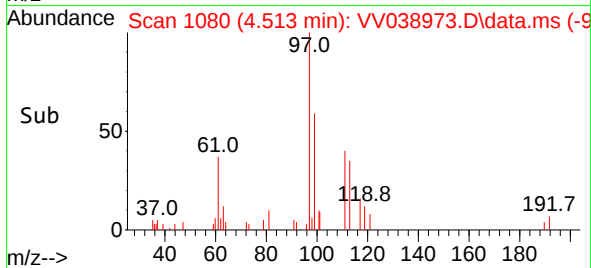
Instrument : MSVOA_V
 ClientSampleId : VSTDICC001



Tgt Ion:	97	Resp:	1018
Ion	Ratio	Lower	Upper
97	100		
99	0.0	49.5	74.3
61	30.3	30.9	46.3

Manual Integrations
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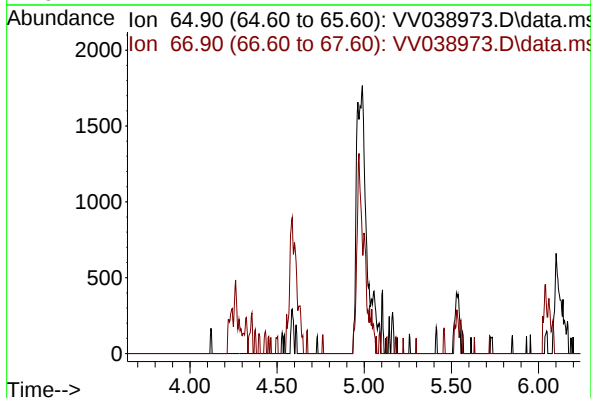
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

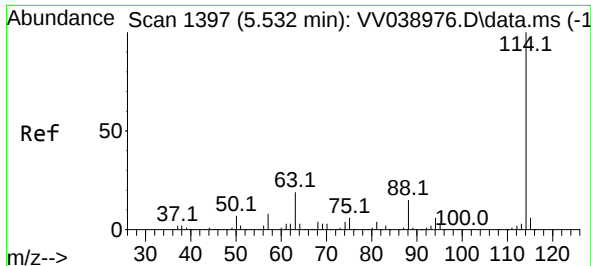


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 4.94 min

Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion:	65
Sig	Exp Ratio
65	100
67	50.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 636070

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

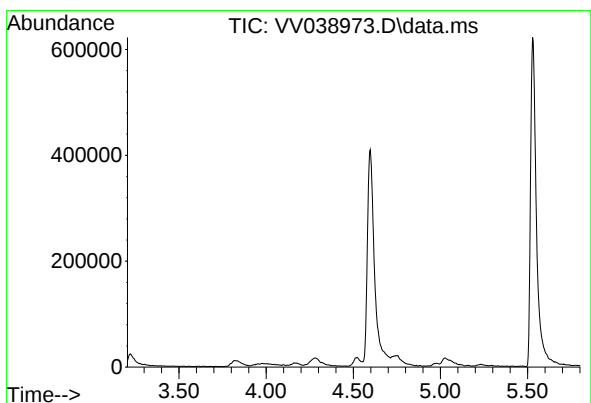
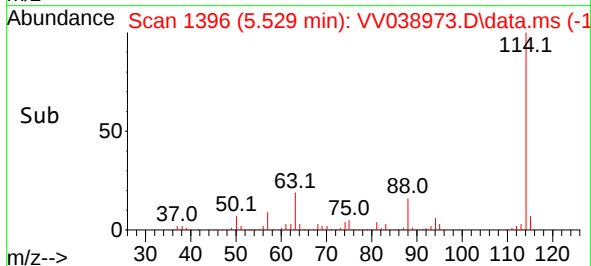
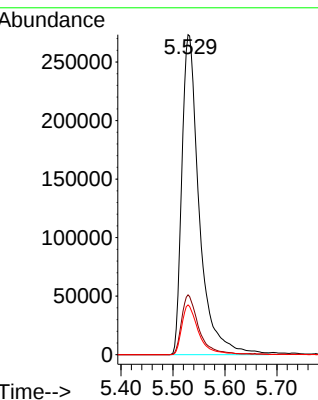
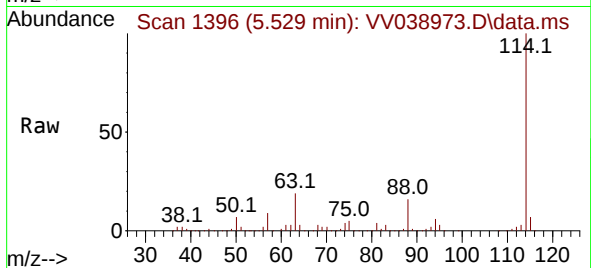
88 15.6 0.0 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.50 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

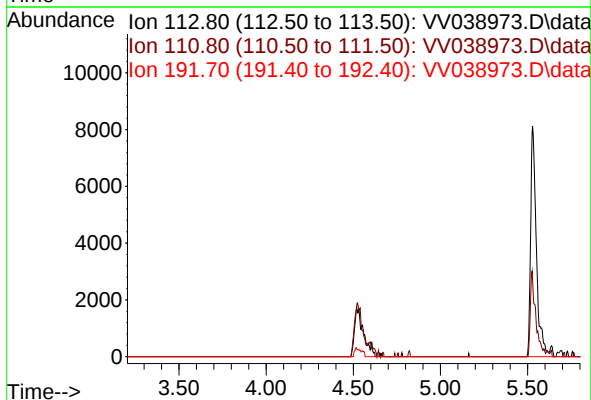
Tgt Ion: 113

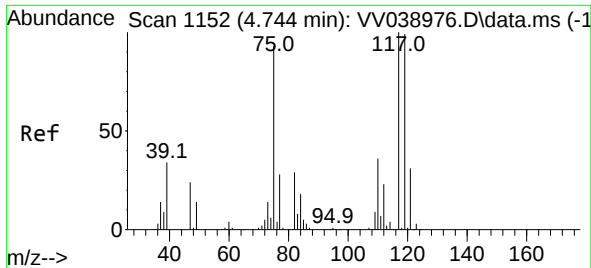
Sig Exp Ratio

113 100

111 101.6

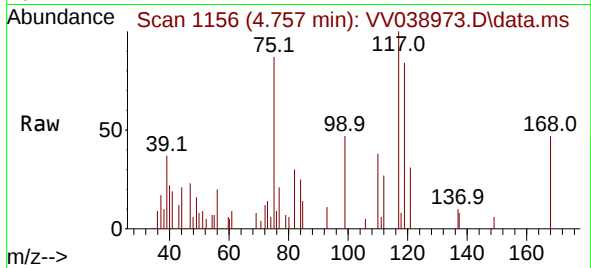
192 19.2





#36
1,1-Dichloropropene
Concen: 1.111 ug/l m
RT: 4.757 min Scan# 1152
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

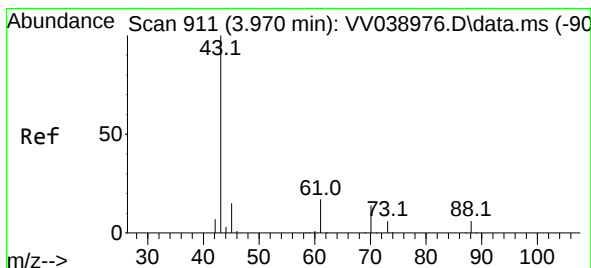
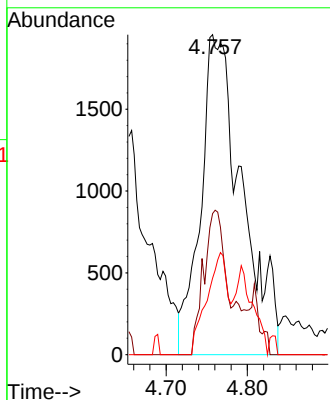
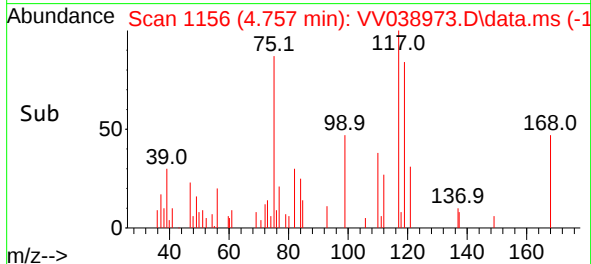
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 688
Ion Ratio Lower Upper
75 100
110 23.9 19.6 58.7
77 16.2 24.4 36.6

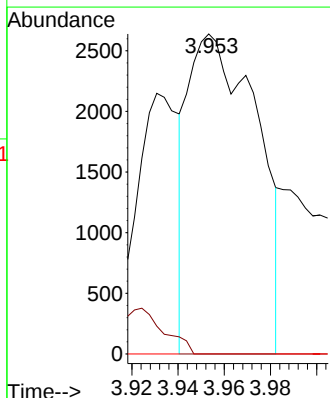
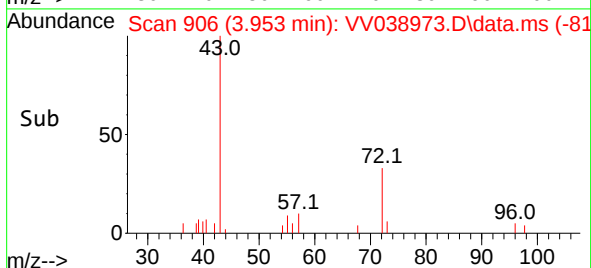
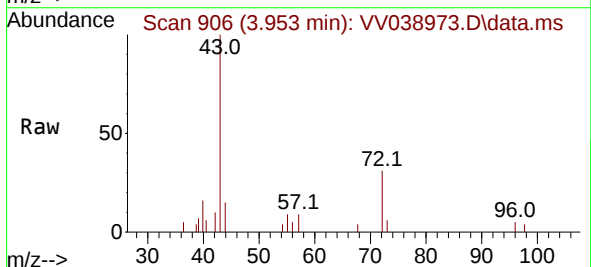
Manual Integrations
APPROVED

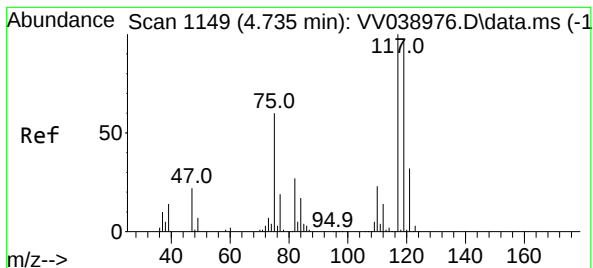
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#37
Ethyl Acetate
Concen: 0.857 ug/l m
RT: 3.953 min Scan# 906
Delta R.T. -0.017 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 5460
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.4#





#38

Carbon Tetrachloride

Concen: 1.112 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.009 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

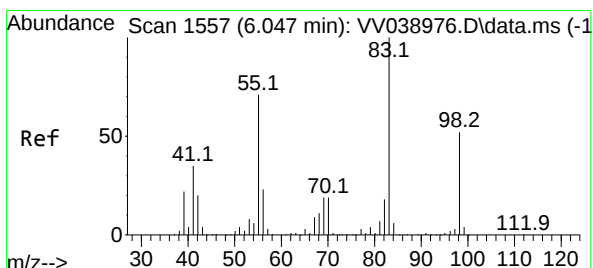
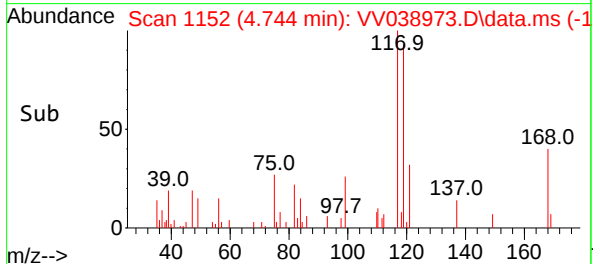
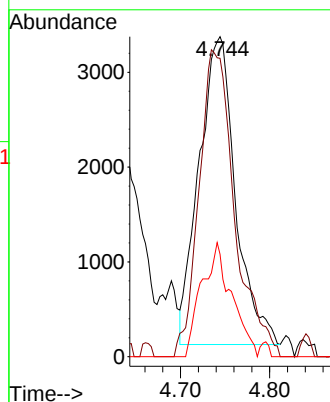
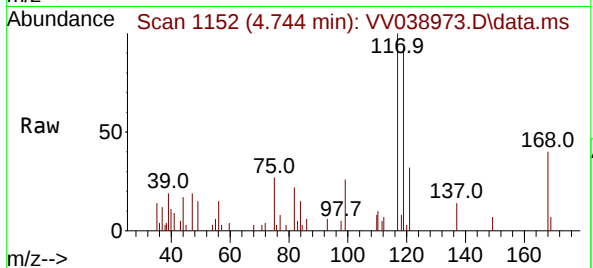
Tgt Ion:	117	Resp:	922
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.1	115.7
121	33.3	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#39

Methylcyclohexane

Concen: 0.922 ug/l

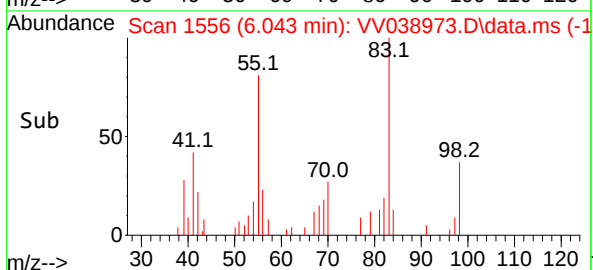
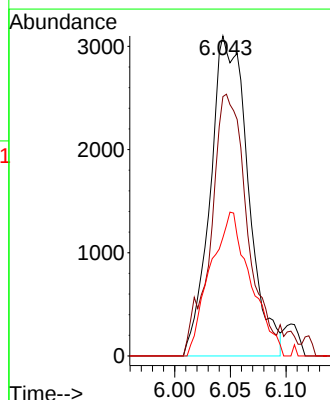
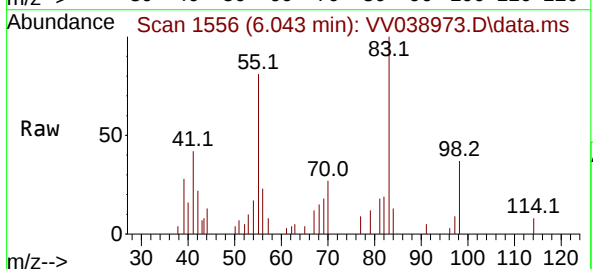
RT: 6.043 min Scan# 1556

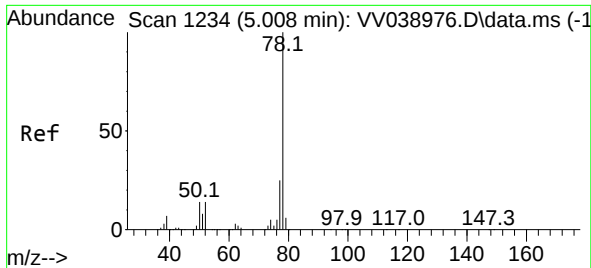
Delta R.T. -0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Tgt Ion:	83	Resp:	7300
Ion Ratio	Lower	Upper	
83	100		
55	81.1	57.0	85.6
98	37.0	41.3	61.9





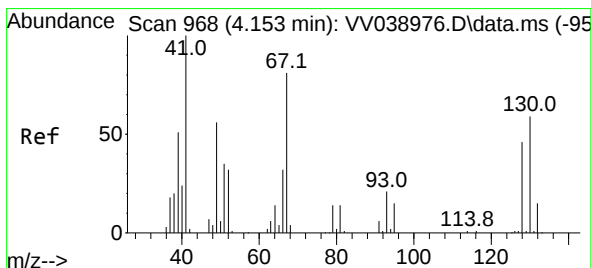
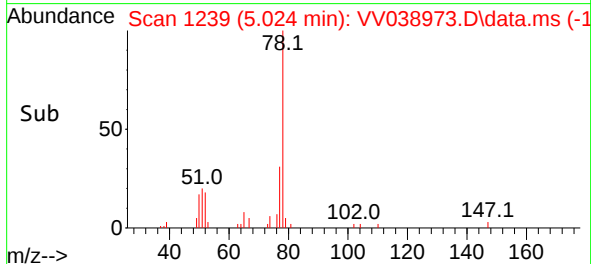
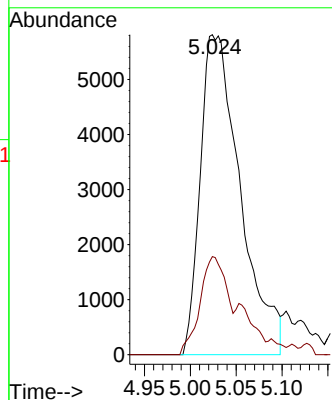
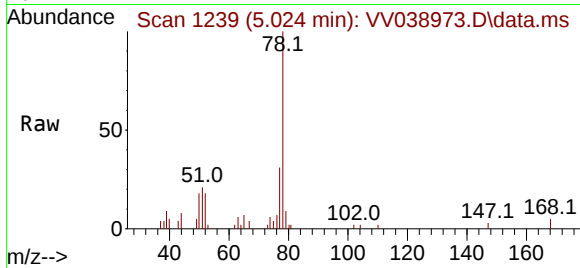
#40
Benzene
Concen: 0.907 ug/l
RT: 5.024 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 17600
Ion Ratio Lower Upper
78 100
77 30.7 19.6 29.4

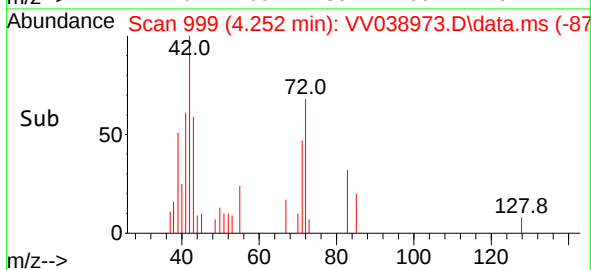
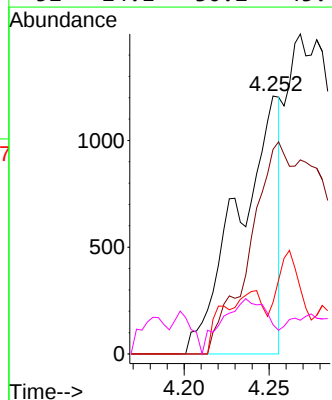
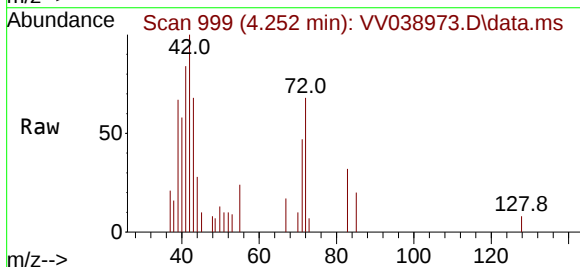
Manual Integrations
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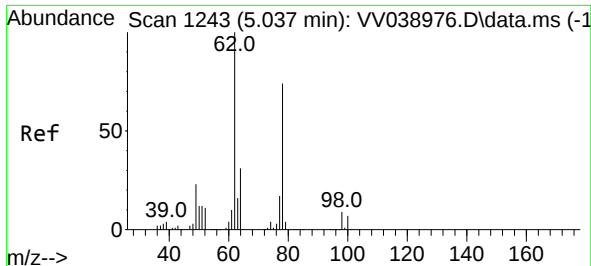
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#41
Methacrylonitrile
Concen: 0.844 ug/l m
RT: 4.252 min Scan# 999
Delta R.T. 0.099 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 41 Resp: 2032
Ion Ratio Lower Upper
41 100
39 0.0 45.5 68.3#
67 10.3 83.5 125.3#
52 24.1 30.2 45.4#





#42

1,2-Dichloroethane

Concen: 1.080 ug/l m

RT: 5.066 min Scan# 1305

Delta R.T. 0.029 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 766

Ion Ratio Lower Upper

62 100

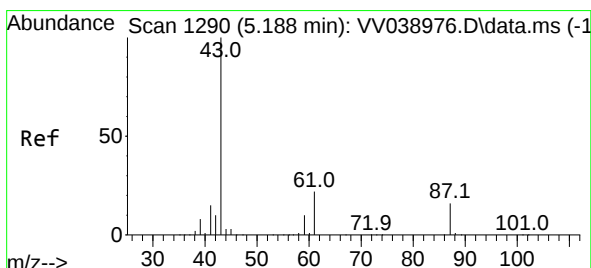
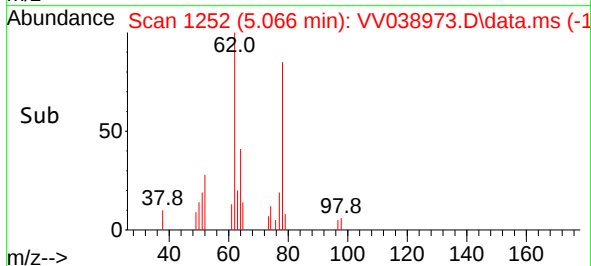
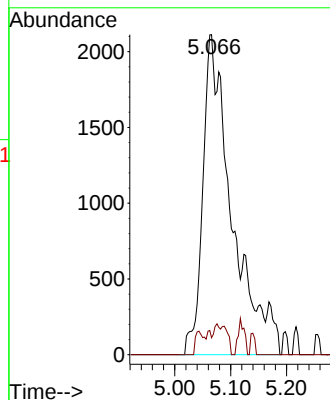
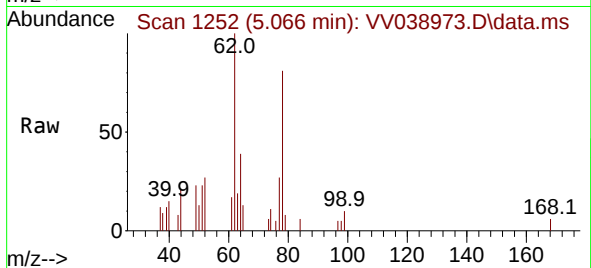
98 0.4 0.0 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#43

Isopropyl Acetate

Concen: 1.102 ug/l m

RT: 5.236 min Scan# 1305

Delta R.T. 0.048 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

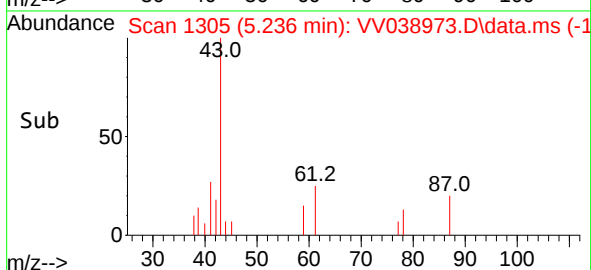
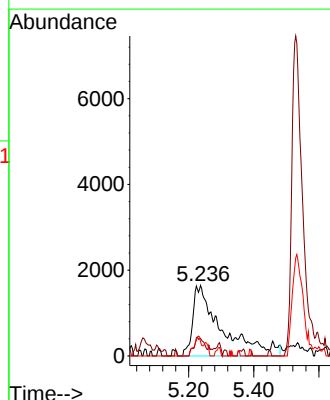
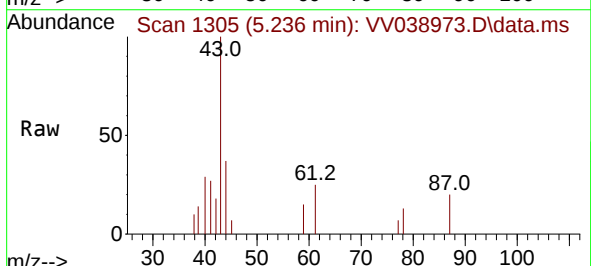
Tgt Ion: 43 Resp: 10108

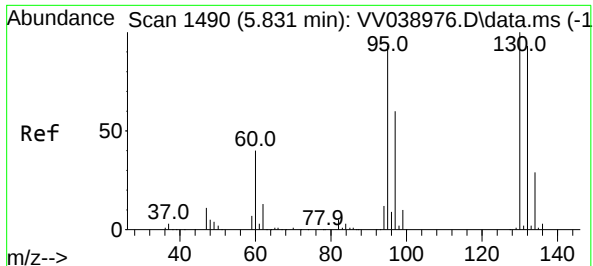
Ion Ratio Lower Upper

43 100

61 0.5 17.4 26.2#

87 0.0 13.3 19.9#





#44
 Trichloroethene
 Concen: 1.074 ug/l
 RT: 5.854 min Scan# 1497
 Delta R.T. 0.022 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

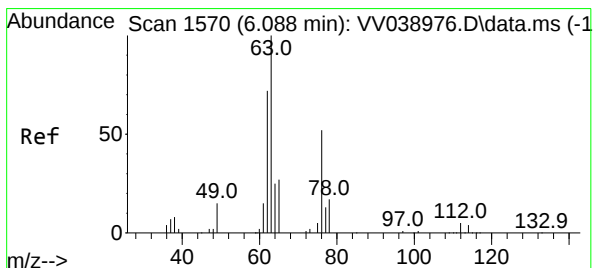
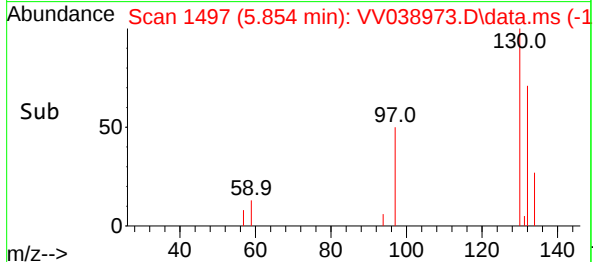
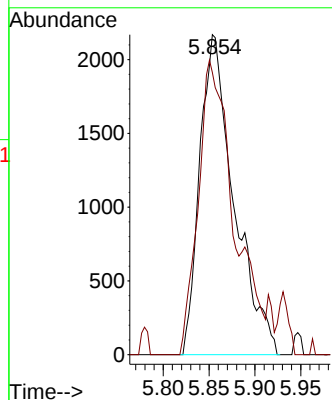
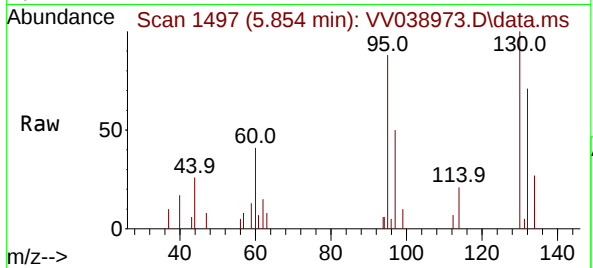
VSTDICC001

Tgt Ion:130 Resp: 565
 Ion Ratio Lower Upper
 130 100
 95 88.2 0.0 186.6

Manual Integrations

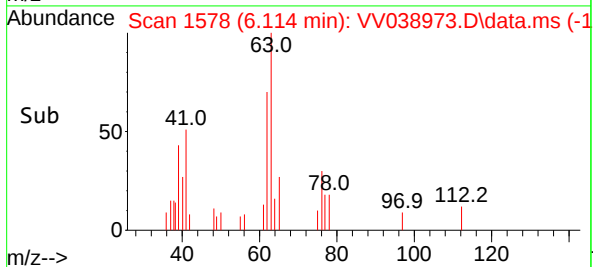
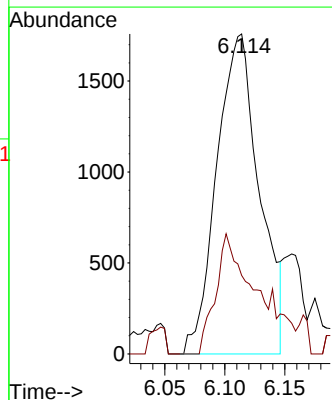
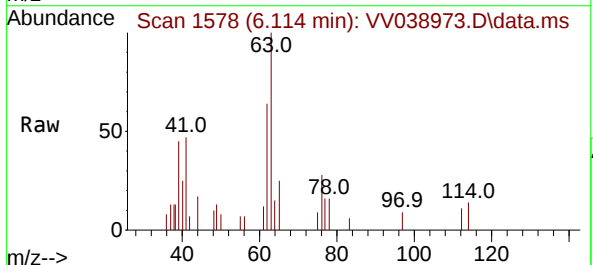
APPROVED

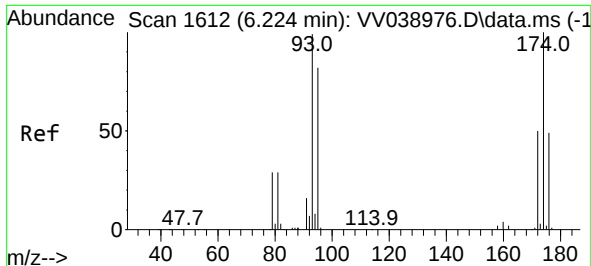
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#45
 1,2-Dichloropropane
 Concen: 0.933 ug/l
 RT: 6.114 min Scan# 1578
 Delta R.T. 0.026 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion: 63 Resp: 4343
 Ion Ratio Lower Upper
 63 100
 65 24.6 25.0 37.4#





#46
Dibromomethane
Concen: 1.155 ug/l
RT: 6.249 min Scan# 1620
Delta R.T. 0.026 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

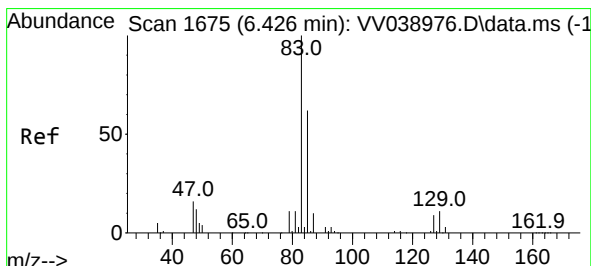
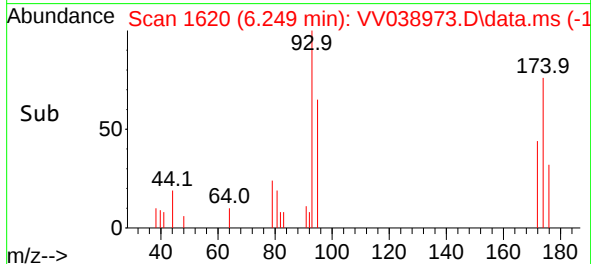
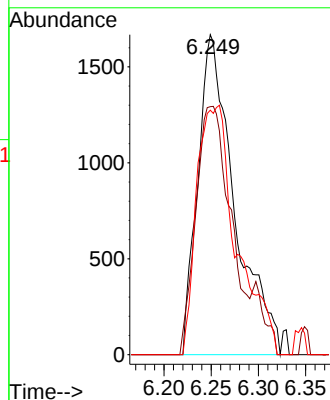
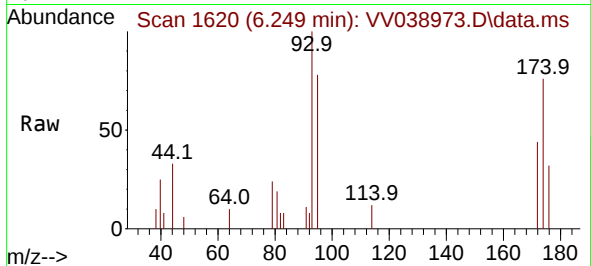
VSTDICC001

Tgt Ion: 93 Resp: 4509
Ion Ratio Lower Upper
93 100
95 73.2 66.4 99.6
174 84.5 79.7 119.5

Manual Integrations

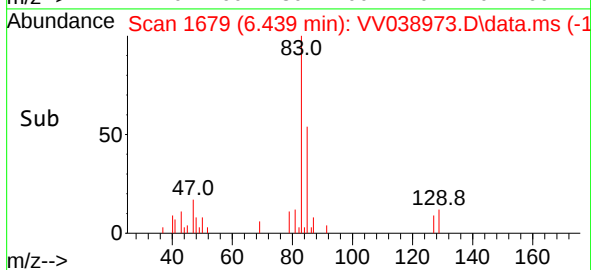
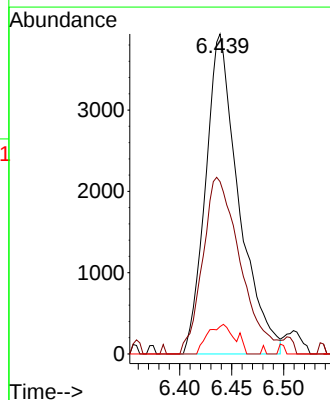
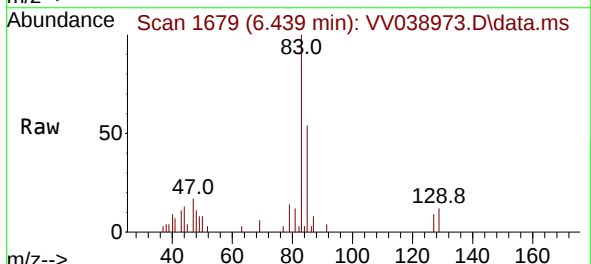
APPROVED

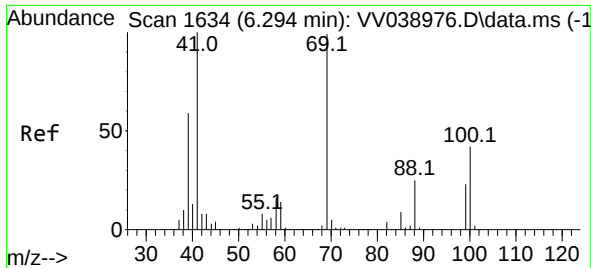
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#47
Bromodichloromethane
Concen: 1.098 ug/l
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

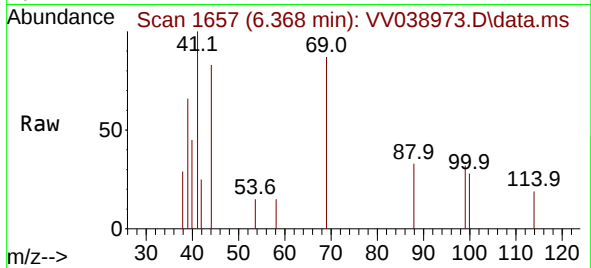
Tgt Ion: 83 Resp: 8726
Ion Ratio Lower Upper
83 100
85 53.9 49.6 74.4
127 8.6 6.9 10.3





#48
Methyl methacrylate
Concen: 1.071 ug/l m
RT: 6.368 min Scan# 1657
Delta R.T. 0.074 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

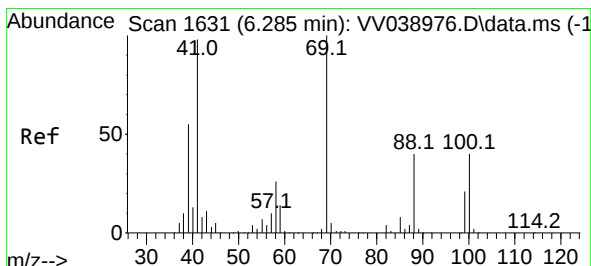
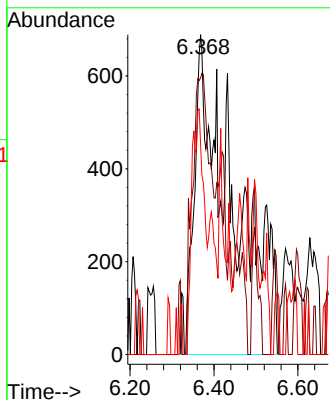
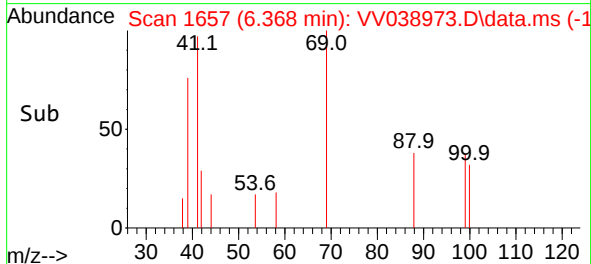
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



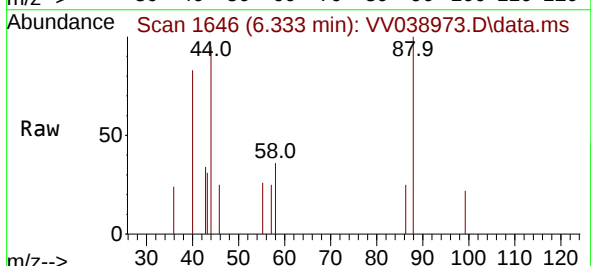
Tgt Ion: 41 Resp: 435
Ion Ratio Lower Upper
41 100
69 40.5 82.5 123.7
39 8.7 46.6 69.8

Manual Integrations
APPROVED

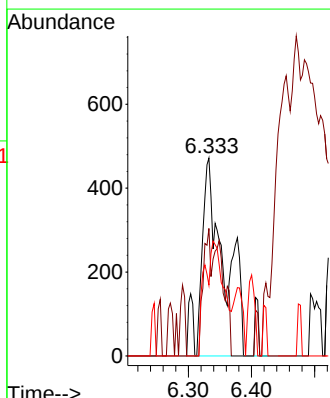
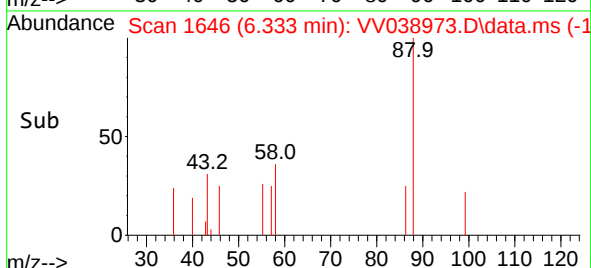
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

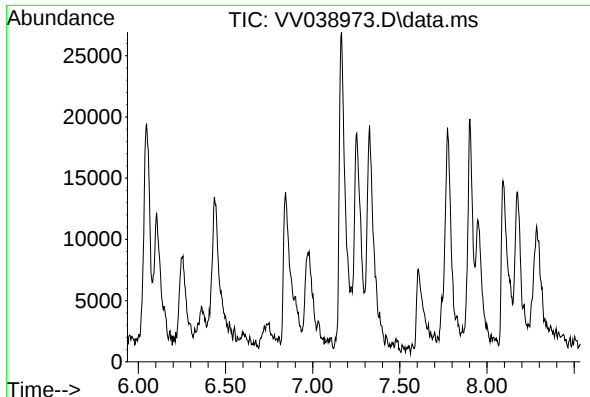


#49
1,4-Dioxane
Concen: 17.377 ug/l m
RT: 6.333 min Scan# 1646
Delta R.T. 0.048 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion: 88 Resp: 1233
Ion Ratio Lower Upper
88 100
43 8.3 24.6 36.8#
58 0.0 51.8 77.6#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.24 min

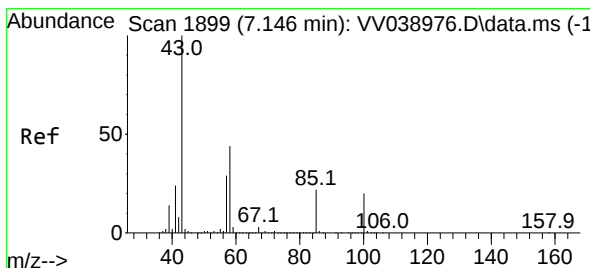
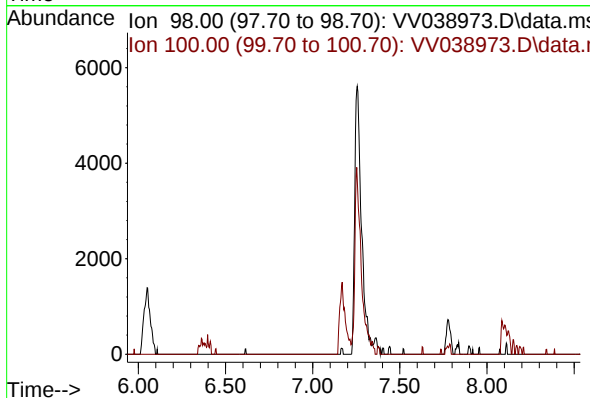
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.2

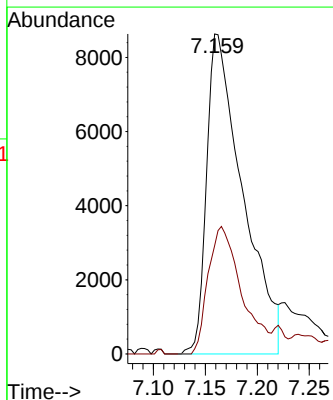
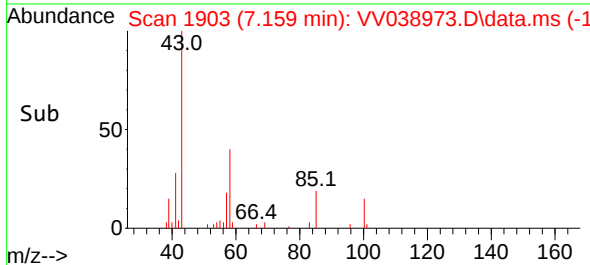
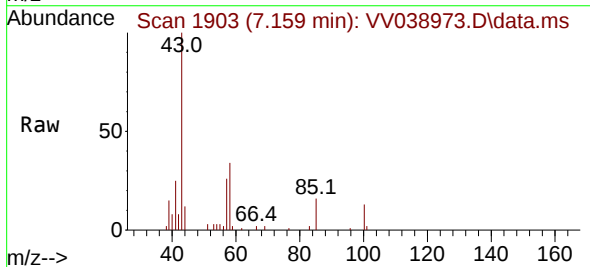
Manual Integrations
APPROVED

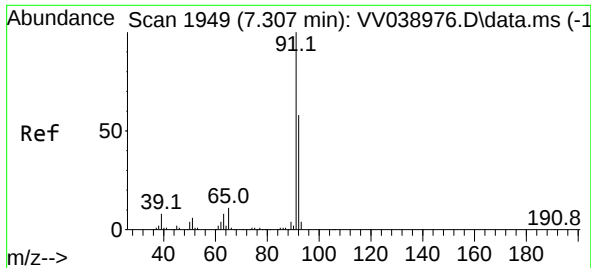
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#51
4-Methyl-2-Pentanone
Concen: 3.382 ug/l
RT: 7.159 min Scan# 1903
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 20823
Ion Ratio Lower Upper
43 100
58 37.4 34.6 51.8





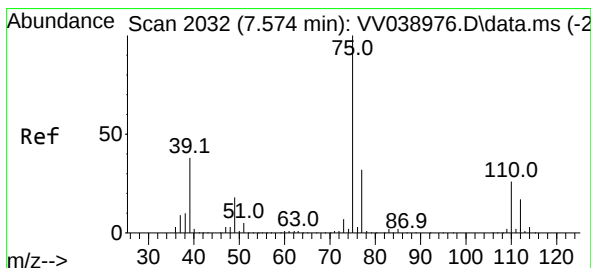
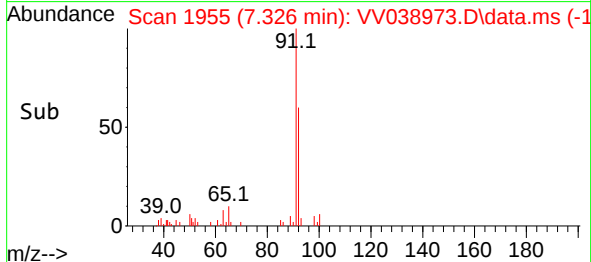
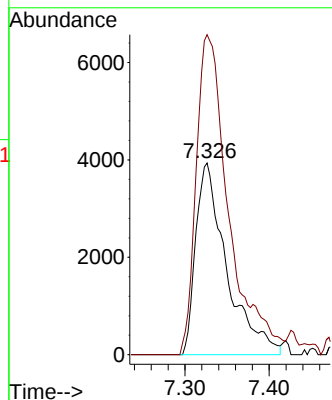
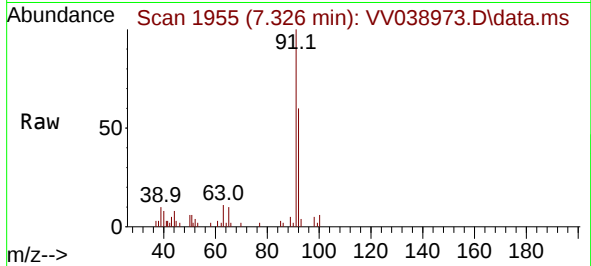
#52
Toluene
Concen: 0.819 ug/l
RT: 7.326 min Scan# 1949
Delta R.T. 0.019 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 92 Resp: 1006
Ion Ratio Lower Upper
92 100
91 175.5 136.3 204.5

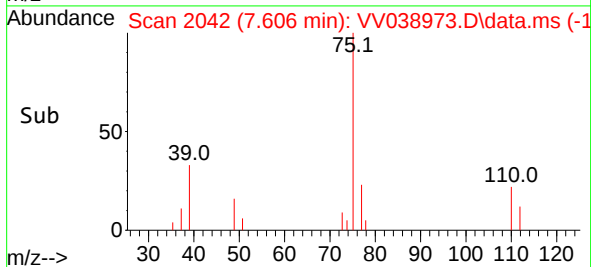
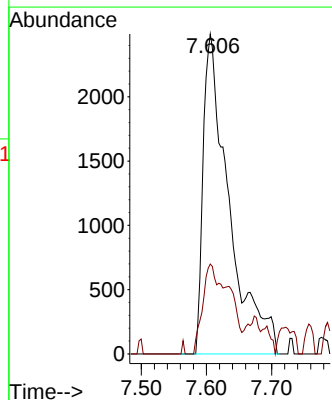
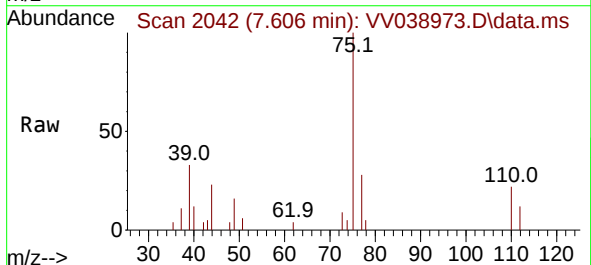
Manual Integrations
APPROVED

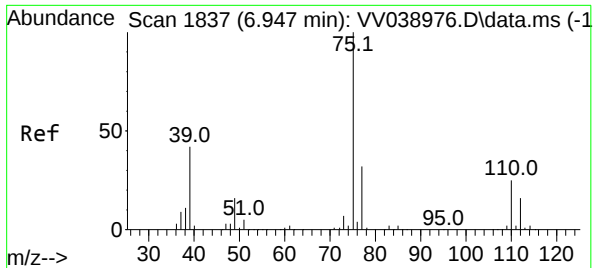
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#53
t-1,3-Dichloropropene
Concen: 0.923 ug/l m
RT: 7.606 min Scan# 2042
Delta R.T. 0.032 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

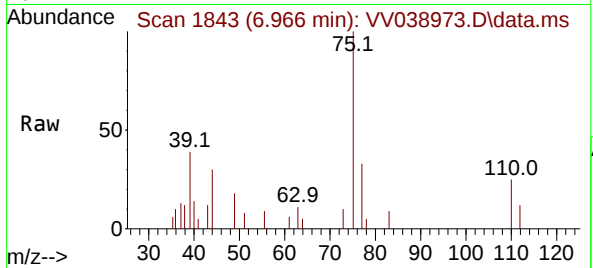
Tgt Ion: 75 Resp: 6854
Ion Ratio Lower Upper
75 100
77 28.1 25.3 37.9





#54
 cis-1,3-Dichloropropene
 Concen: 0.830 ug/l
 RT: 6.966 min Scan# 1837
 Delta R.T. 0.019 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

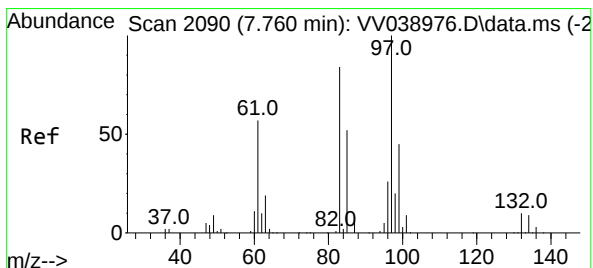
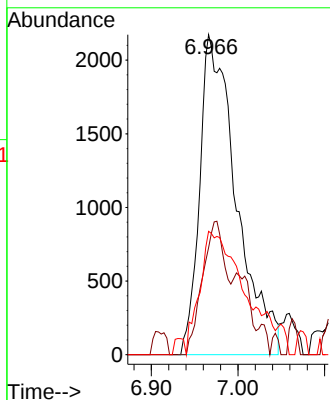
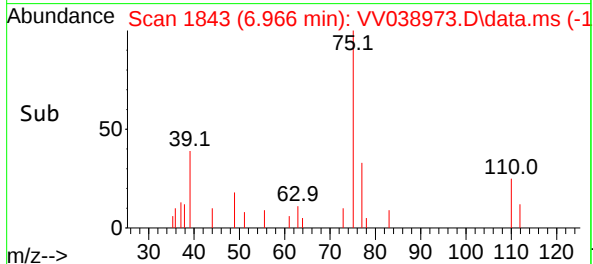
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 6390
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.6 38.4
 39 33.5 33.3 49.9

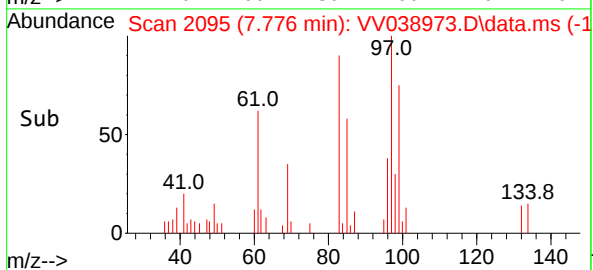
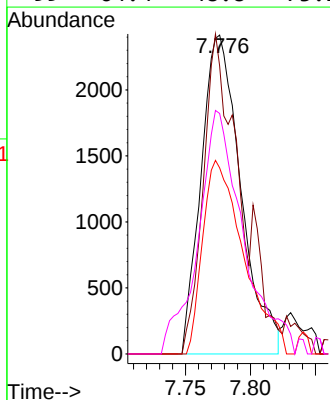
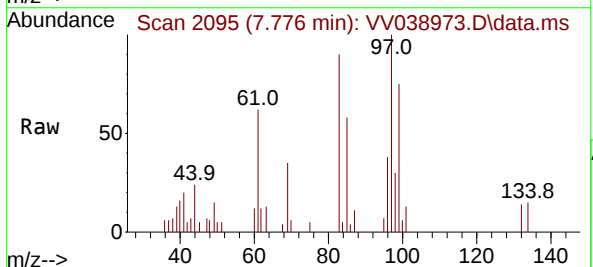
Manual Integrations
 APPROVED

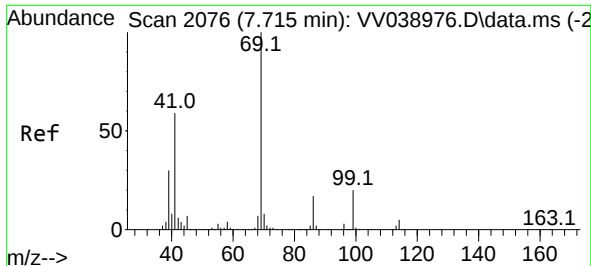
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.959 ug/l
 RT: 7.776 min Scan# 2095
 Delta R.T. 0.016 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

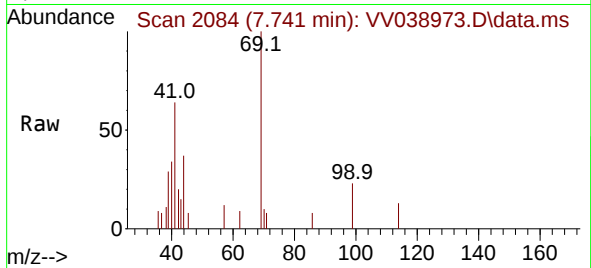
Tgt Ion: 97 Resp: 5138
 Ion Ratio Lower Upper
 97 100
 83 90.3 67.2 100.8
 85 58.3 42.7 64.1
 99 64.4 48.8 73.2





#56
Ethyl methacrylate
Concen: 2.674 ug/l
RT: 7.741 min Scan# 2076
Delta R.T. 0.026 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

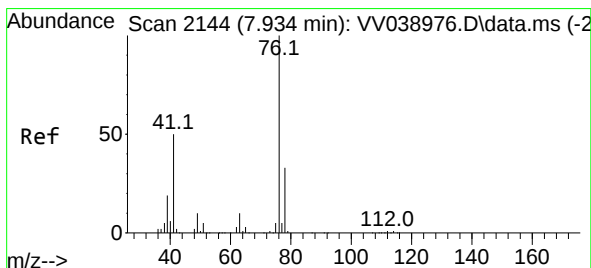
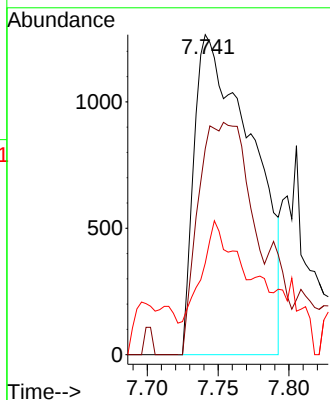
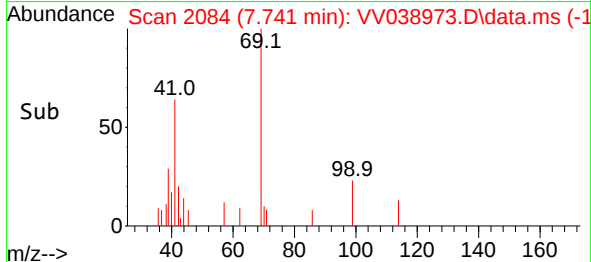
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 360
Ion Ratio Lower Upper
69 100
41 65.6 47.5 71.3
39 19.0 24.2 36.2

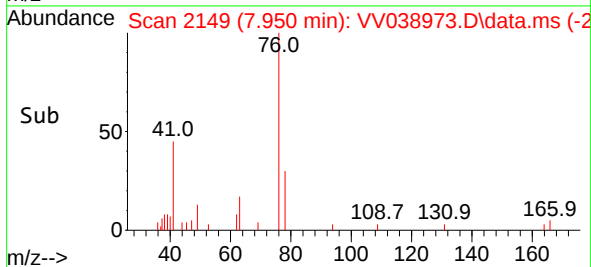
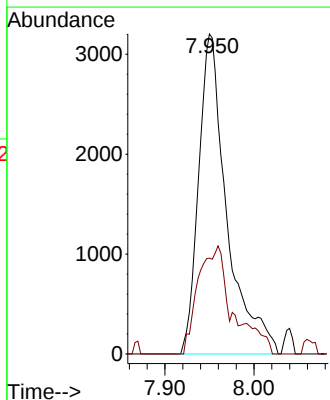
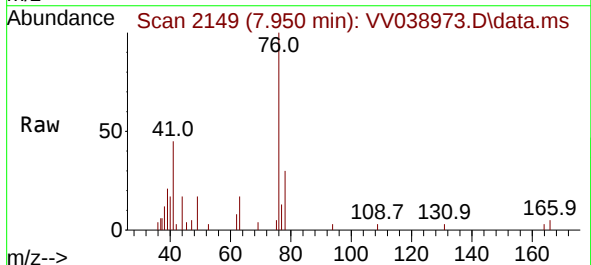
Manual Integrations
APPROVED

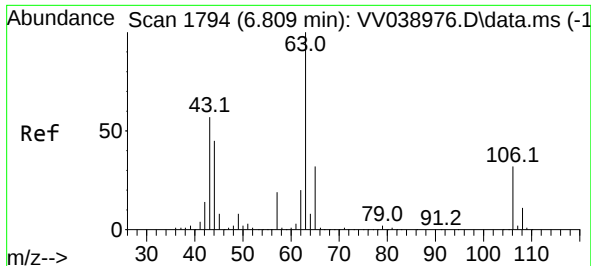
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#57
1,3-Dichloropropane
Concen: 0.843 ug/l
RT: 7.950 min Scan# 2149
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 76 Resp: 7044
Ion Ratio Lower Upper
76 100
78 35.3 25.6 38.4





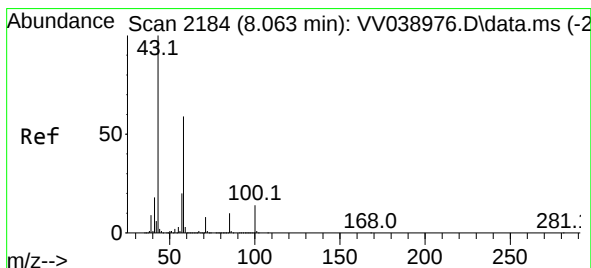
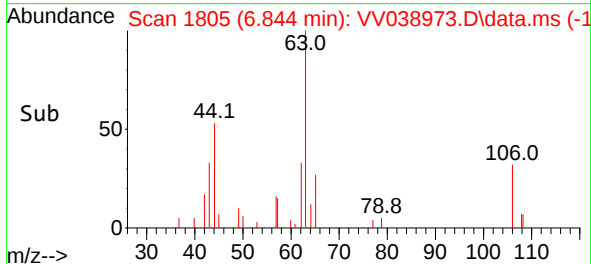
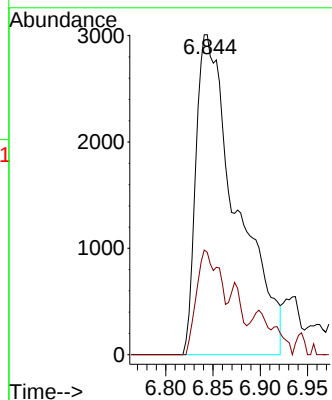
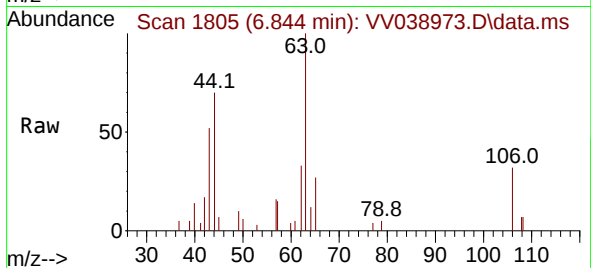
#58
2-Chloroethyl Vinyl ether
Concen: 7.421 ug/l
RT: 6.844 min Scan# 1805
Delta R.T. 0.035 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 9019
Ion Ratio Lower Upper
63 100
106 18.9 25.6 38.4

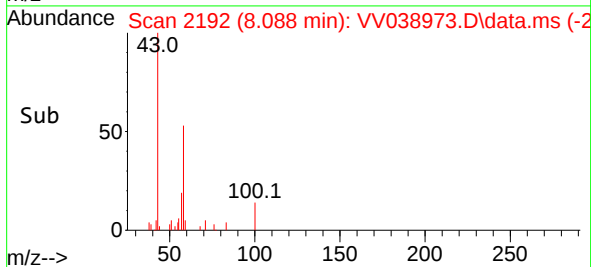
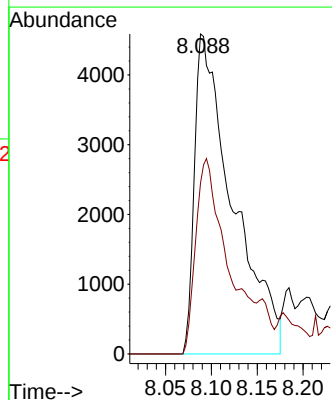
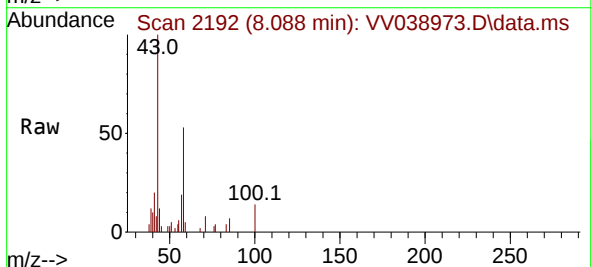
Manual Integrations
APPROVED

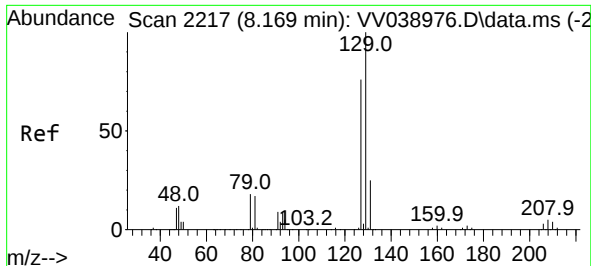
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#59
2-Hexanone
Concen: 12.844 ug/l
RT: 8.088 min Scan# 2192
Delta R.T. 0.025 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 43 Resp: 13246
Ion Ratio Lower Upper
43 100
58 51.2 29.8 89.4





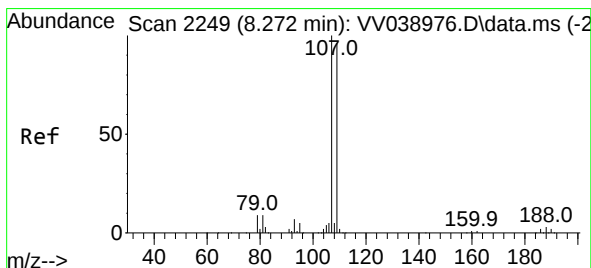
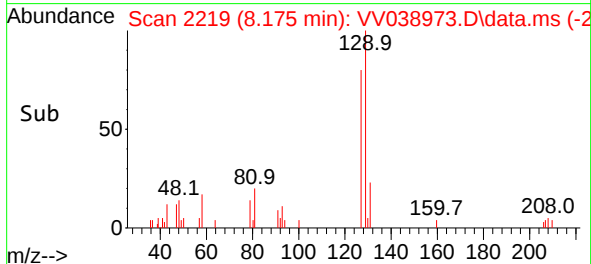
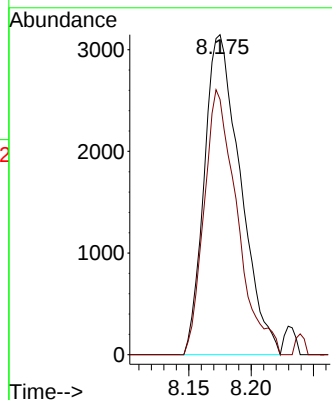
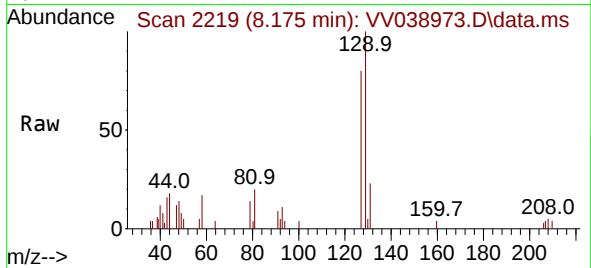
#60
Dibromochloromethane
Concen: 0.980 ug/l
RT: 8.175 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 6338
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.1

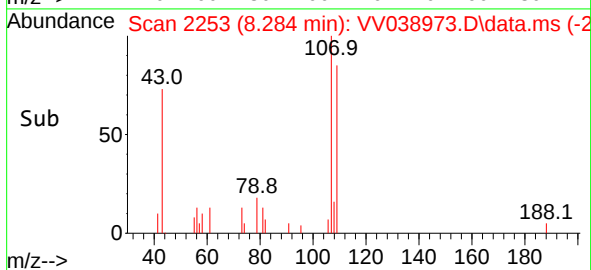
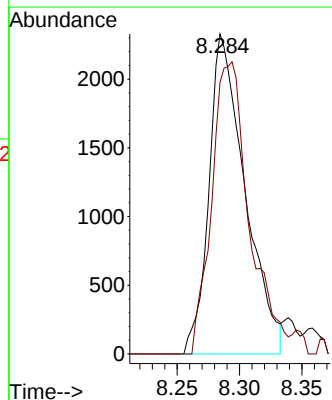
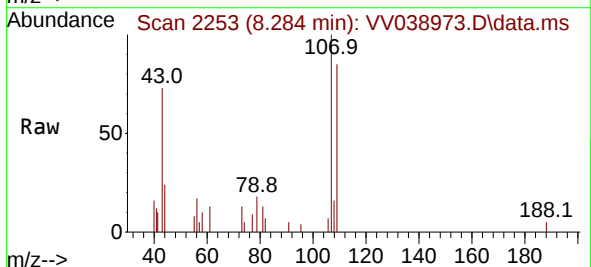
Manual Integrations
APPROVED

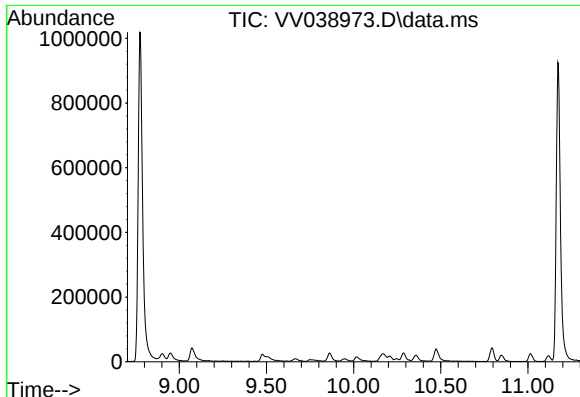
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#61
1,2-Dibromoethane
Concen: 0.841 ug/l
RT: 8.284 min Scan# 2253
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:107 Resp: 4673
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.6





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 10.00 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

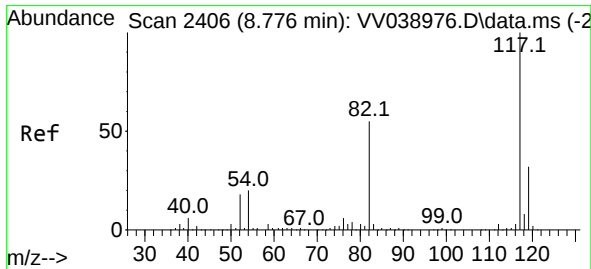
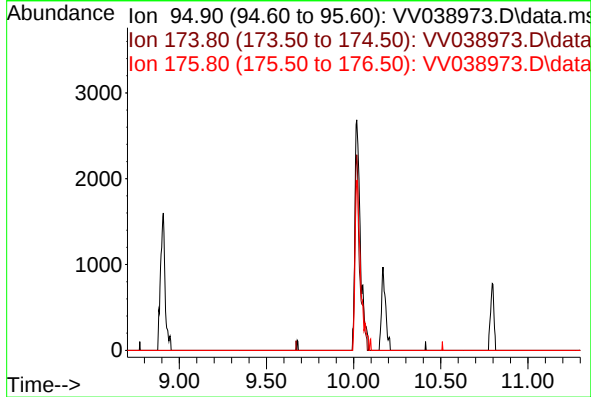
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95

Sig	Exp	Ratio
95	100	
174	77.2	
176	74.3	

Manual Integrations APPROVED

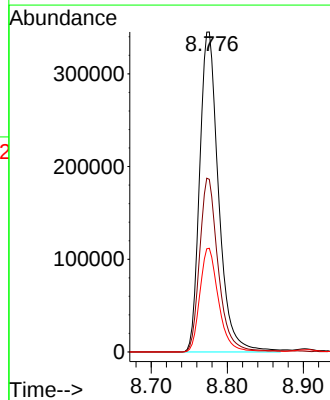
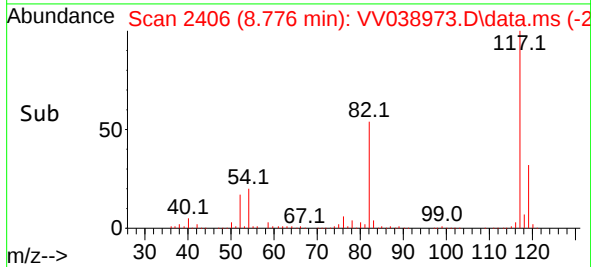
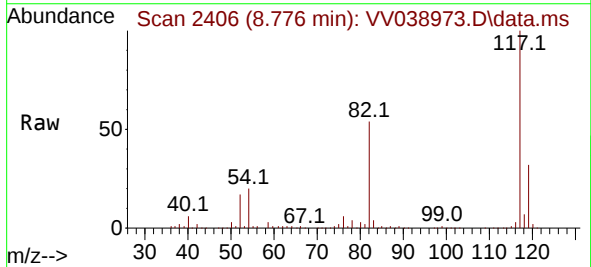
Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

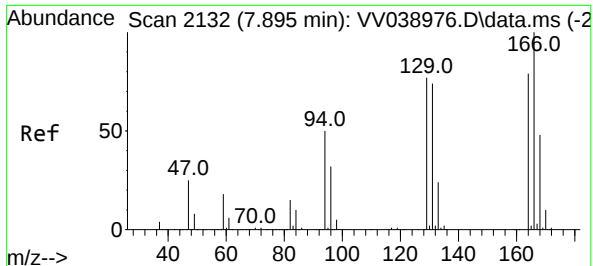


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 8.776 min Scan# 2406
 Delta R.T. 0.000 min
 Lab File: VV038973.D
 Acq: 21 Aug 2025 09:05

Tgt Ion: 117 Resp: 596513

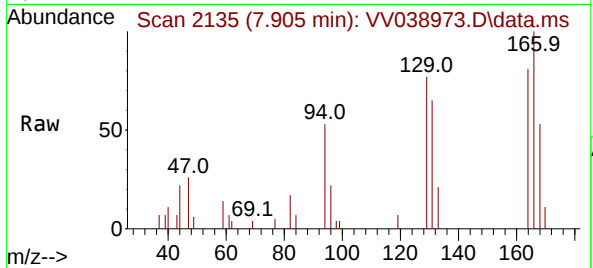
Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.4	66.6
119	32.4	26.0	39.0





#64
Tetrachloroethene
Concen: 0.964 ug/l
RT: 7.905 min Scan# 2132
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

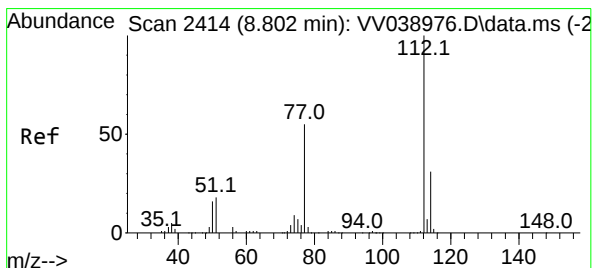
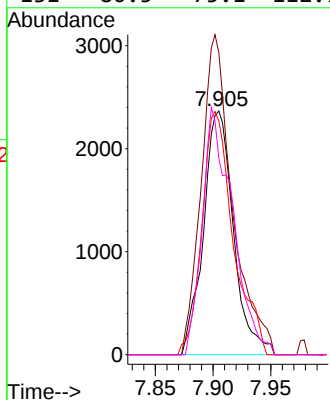
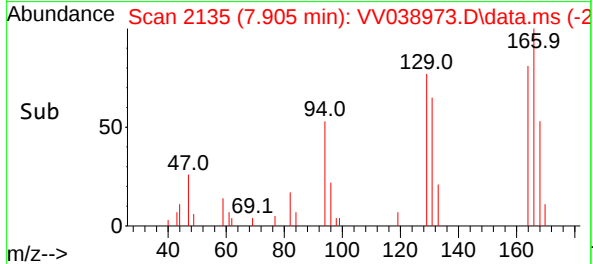
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 4279
Ion Ratio Lower Upper
164 100
166 124.0 101.8 152.6
129 95.9 78.7 118.1
131 80.5 75.1 112.7

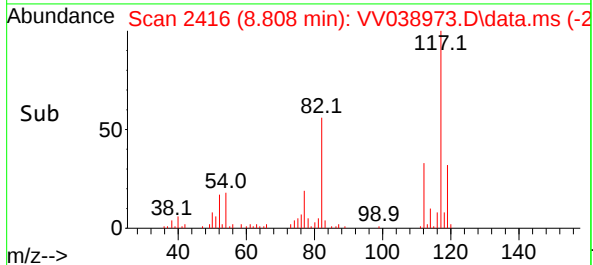
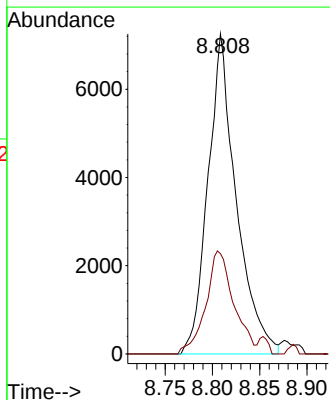
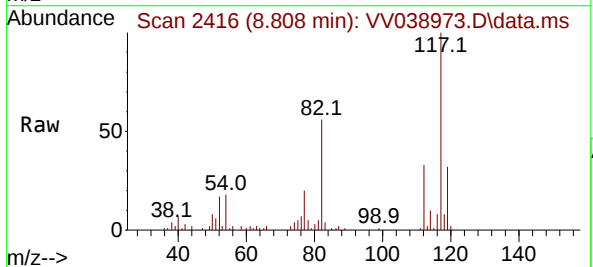
Manual Integrations
APPROVED

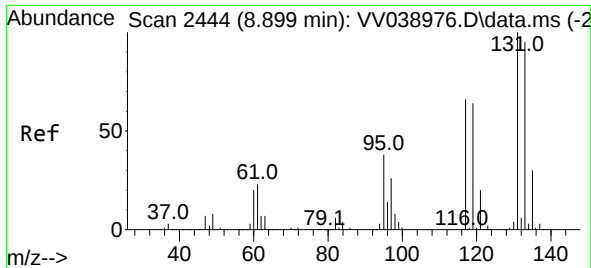
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#65
Chlorobenzene
Concen: 1.049 ug/l
RT: 8.808 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

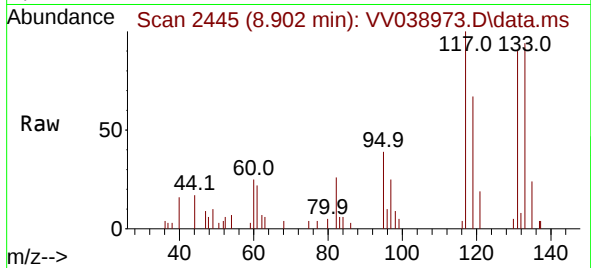
Tgt Ion:112 Resp: 15090
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 1.004 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

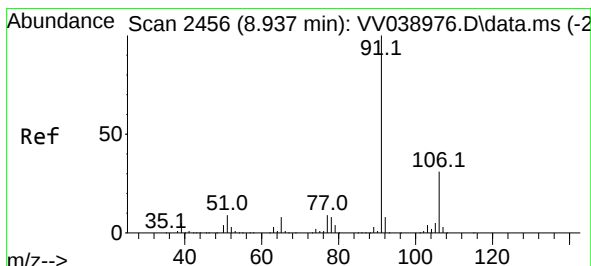
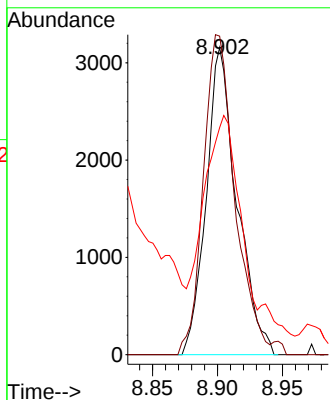
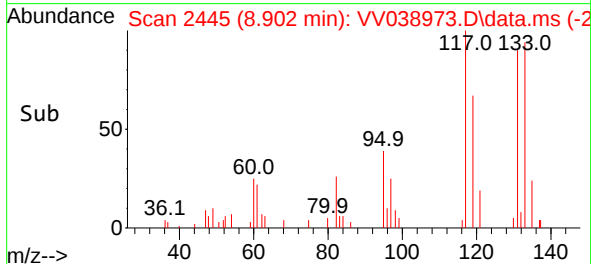
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



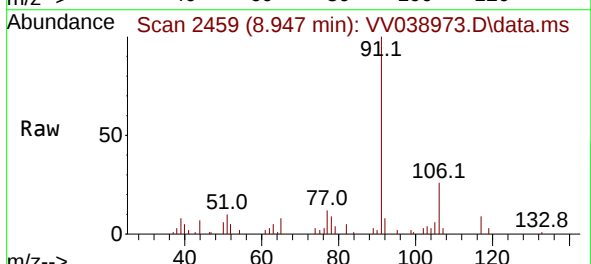
Tgt Ion:131 Resp: 5184
Ion Ratio Lower Upper
131 100
133 107.0 47.6 142.9
119 0.0 32.1 96.3

Manual Integrations
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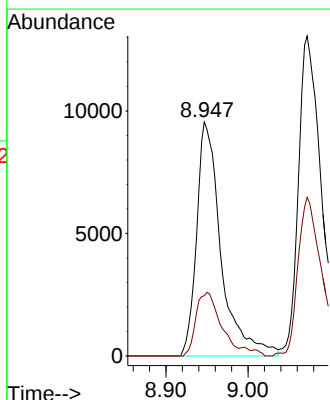
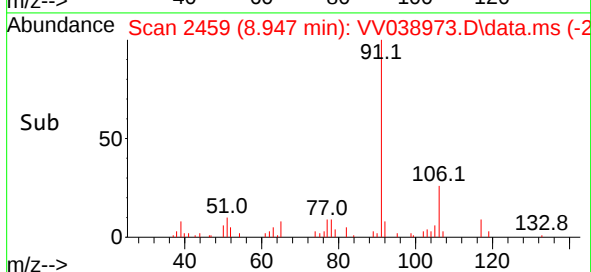
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

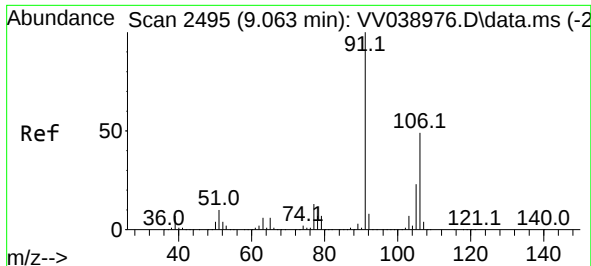


#67
Ethyl Benzene
Concen: 0.899 ug/l
RT: 8.947 min Scan# 2459
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion: 91 Resp: 19734
Ion Ratio Lower Upper
91 100
106 25.7 24.6 36.8





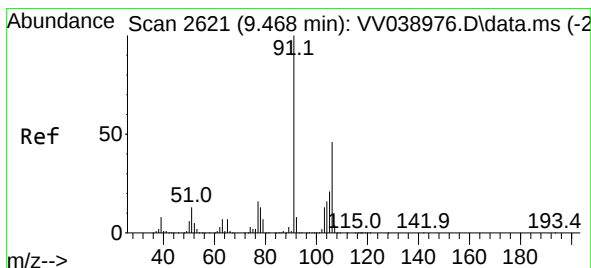
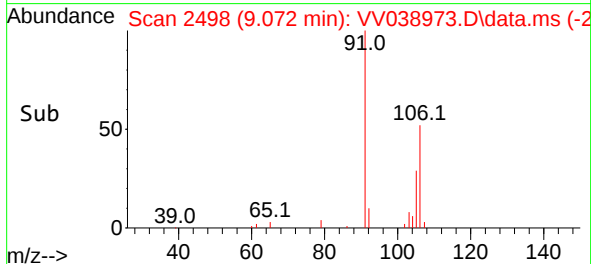
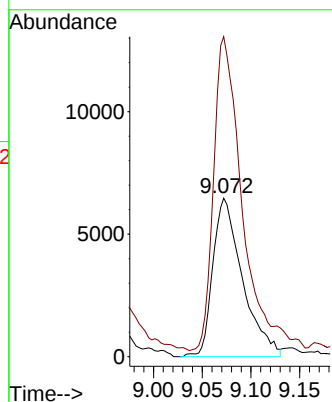
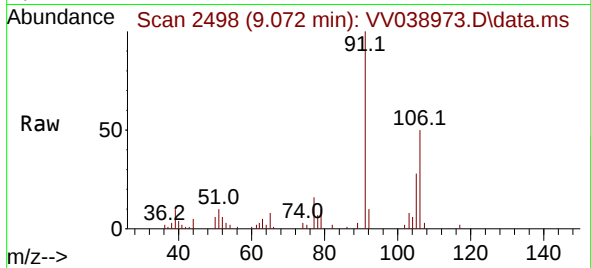
#68
m/p-Xylenes
Concen: 1.605 ug/l
RT: 9.072 min Scan# 2498
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 13689
Ion Ratio Lower Upper
106 100
91 193.3 163.6 245.4

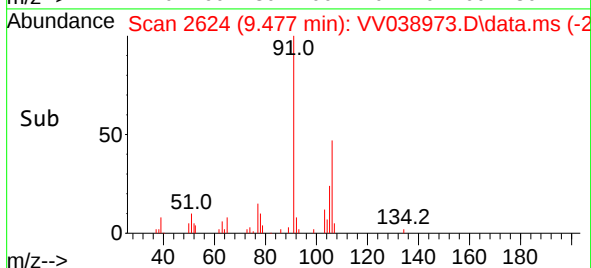
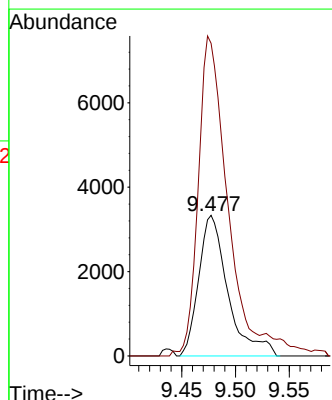
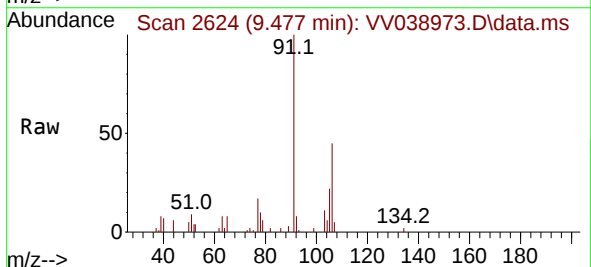
Manual Integrations
APPROVED

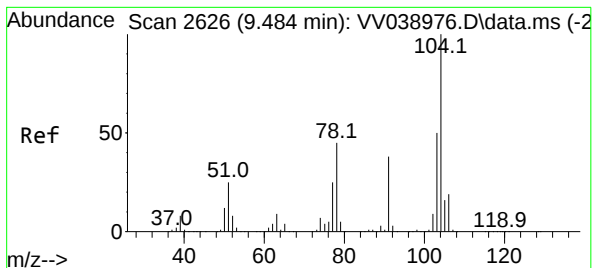
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#69
o-Xylene
Concen: 0.812 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:106 Resp: 6311
Ion Ratio Lower Upper
106 100
91 219.1 108.0 324.0





#70

Styrene

Concen: 0.764 ug/l m

RT: 9.506 min Scan# 2633

Delta R.T. 0.022 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

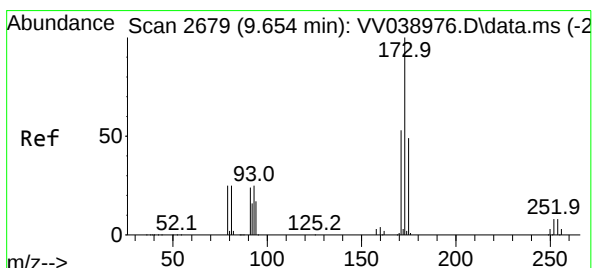
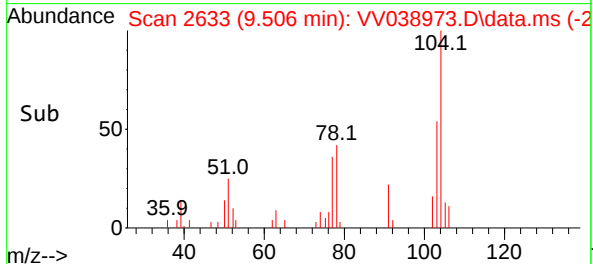
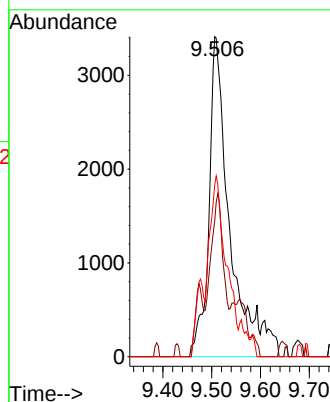
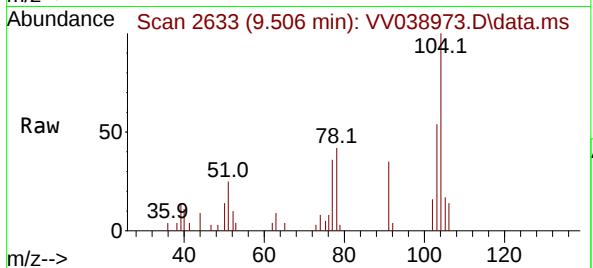
Tgt Ion:	104	Resp:	1018
Ion Ratio	Lower	Upper	
104	100		
78	20.7	39.8	59.8
103	37.3	43.5	65.3

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#71

Bromoform

Concen: 1.032 ug/l m

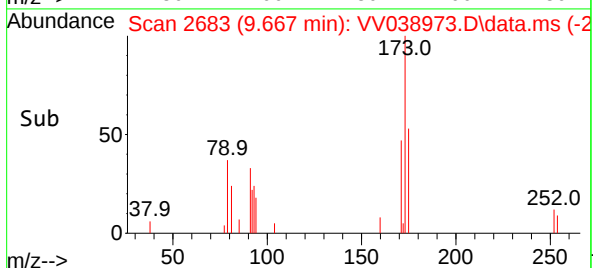
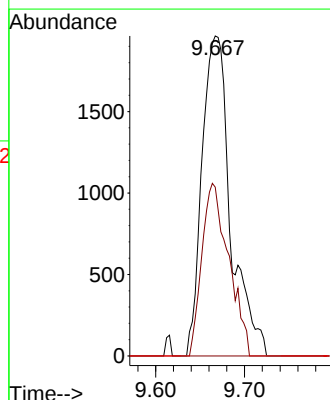
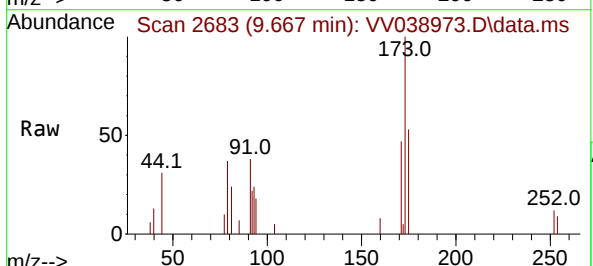
RT: 9.667 min Scan# 2683

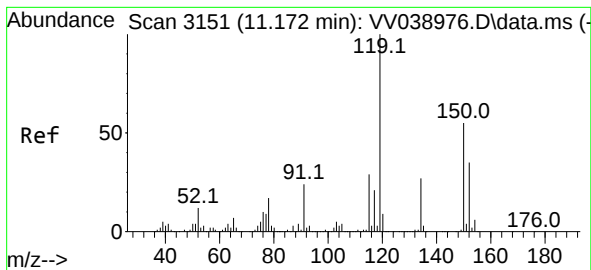
Delta R.T. 0.013 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

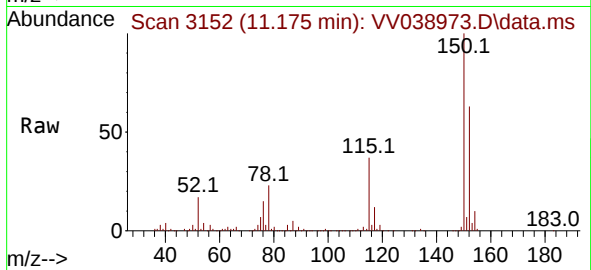
Tgt Ion:	173	Resp:	4399
Ion Ratio	Lower	Upper	
173	100		
175	50.5	24.6	73.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

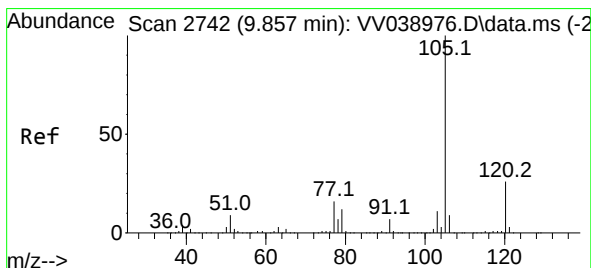
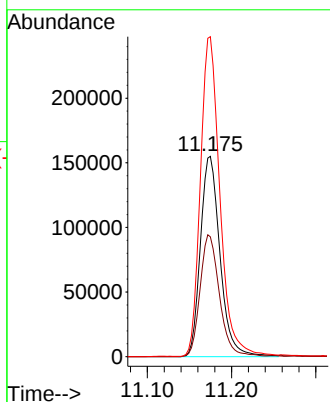
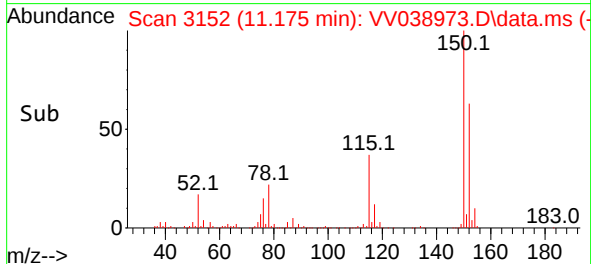
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



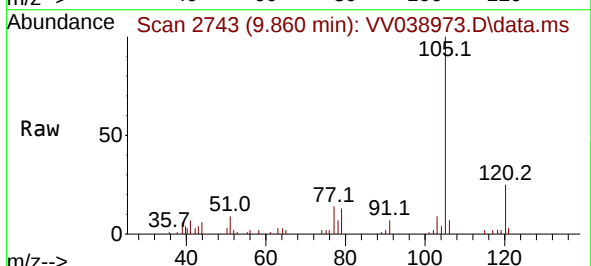
Tgt Ion:152 Resp: 25171
Ion Ratio Lower Upper
152 100
115 59.9 42.5 127.5
150 158.5 0.0 344.8

Manual Integrations
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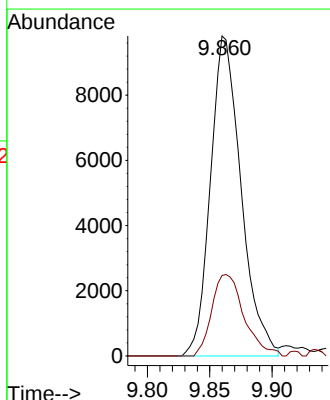
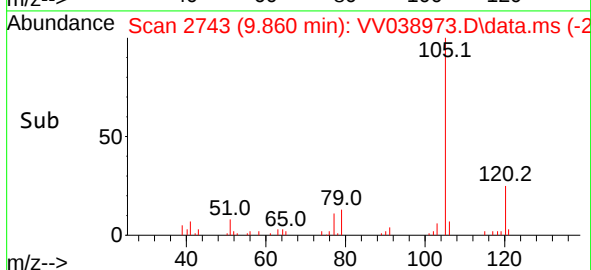
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

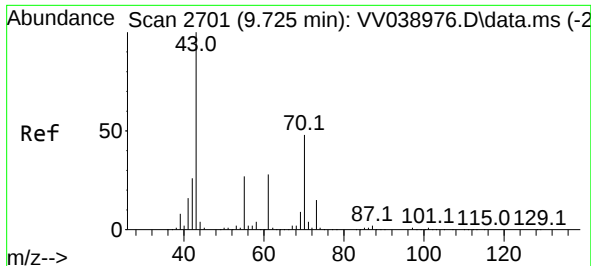


#73
Isopropylbenzene
Concen: 0.993 ug/l
RT: 9.860 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion:105 Resp: 16775
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1





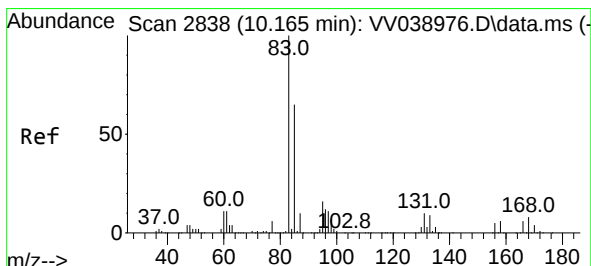
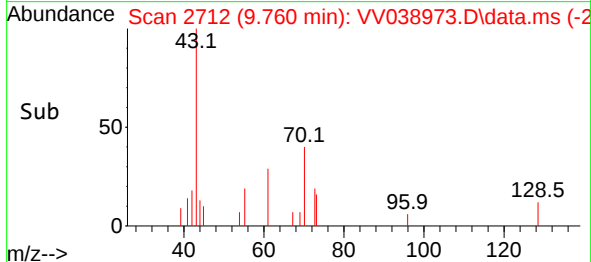
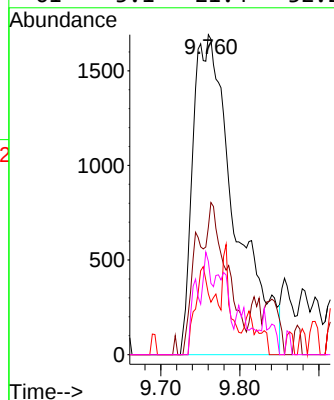
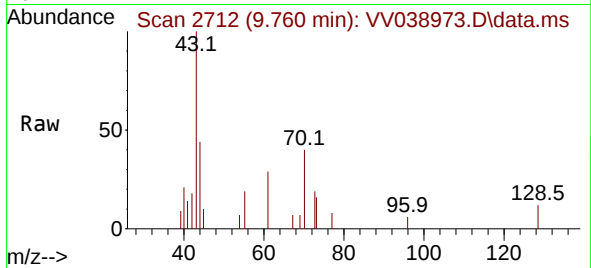
#74
N-amy1 acetate
Concen: 1.014 ug/l m
RT: 9.760 min Scan# 21
Delta R.T. 0.035 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
70 23.7 38.3 57.5
55 8.9 21.6 32.4
61 3.1 21.4 32.2#

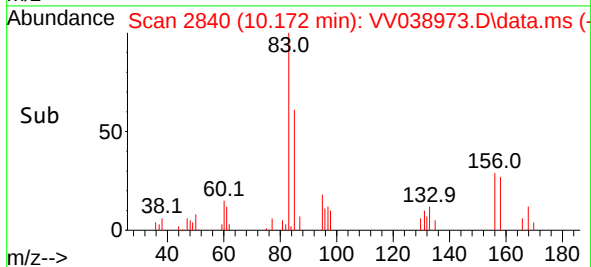
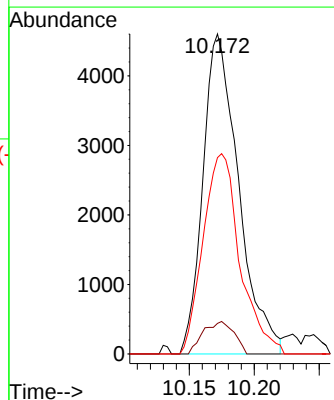
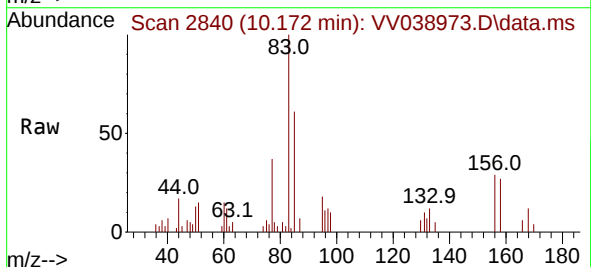
Manual Integrations
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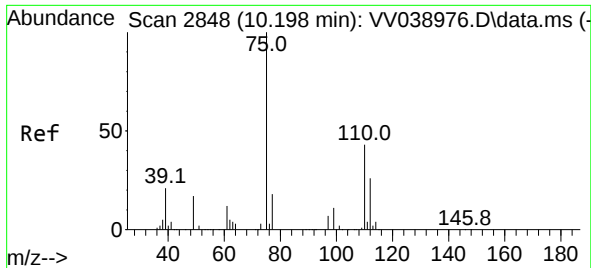
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.310 ug/l
RT: 10.172 min Scan# 2840
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion: 83 Resp: 8787
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.9
85 64.5 32.5 97.5





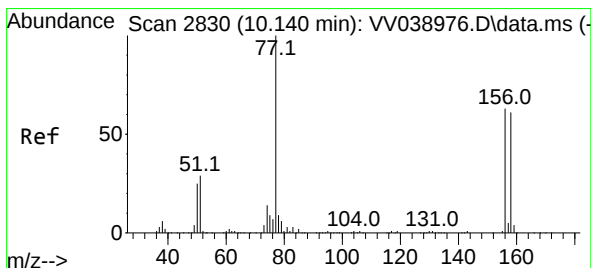
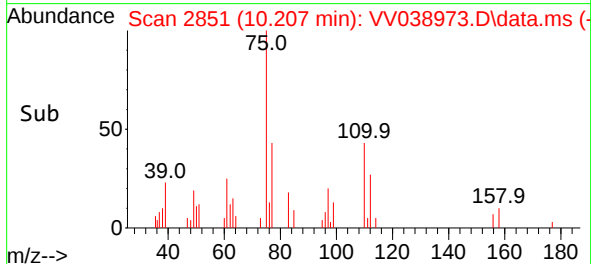
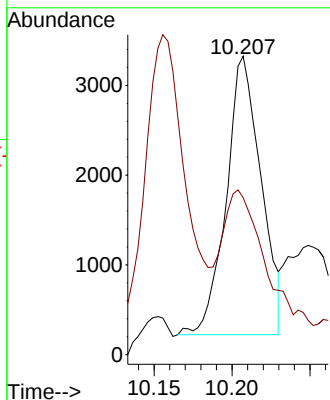
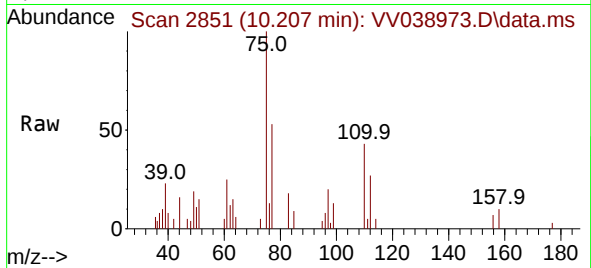
#76
1,2,3-Trichloropropane
Concen: 1.040 ug/l
RT: 10.207 min Scan# 2851
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4814
Ion Ratio Lower Upper
75 100
77 59.3 11.3 33.8

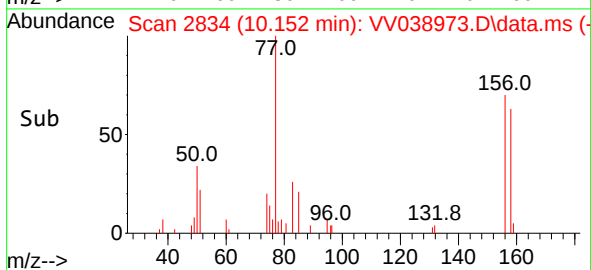
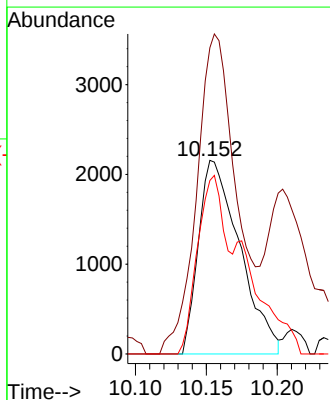
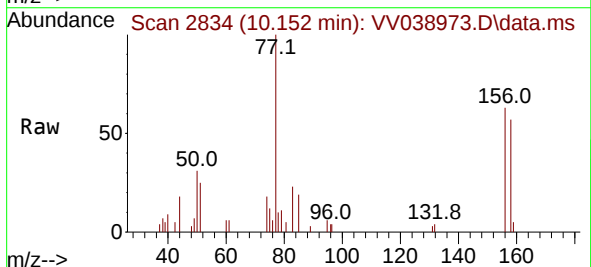
Manual Integrations
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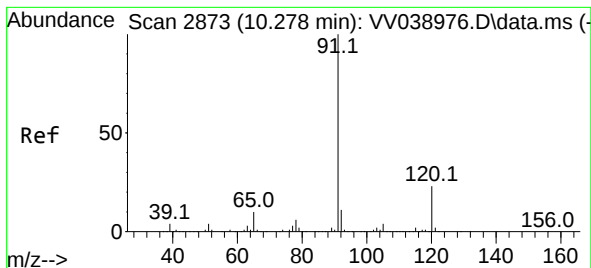
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#77
Bromobenzene
Concen: 1.006 ug/l
RT: 10.152 min Scan# 2834
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Tgt Ion:156 Resp: 4365
Ion Ratio Lower Upper
156 100
77 156.5 79.0 237.0
158 64.8 48.6 145.9





#78

n-propylbenzene

Concen: 0.932 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 1879

Ion Ratio Lower Upper

91 100

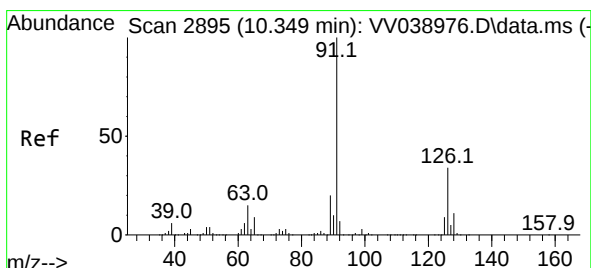
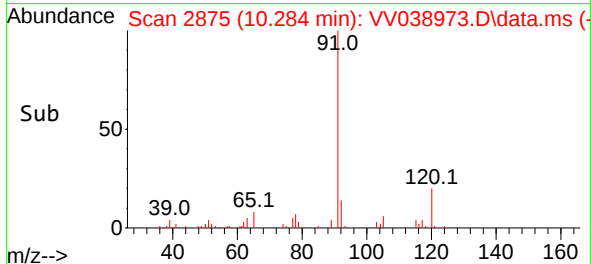
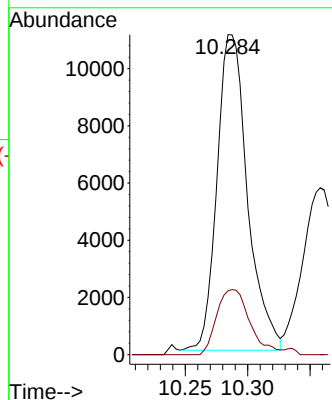
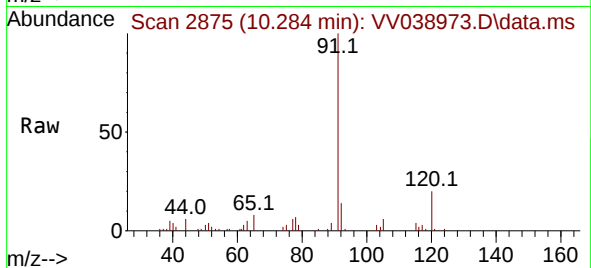
120 22.5 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#79

2-Chlorotoluene

Concen: 0.842 ug/l

RT: 10.358 min Scan# 2898

Delta R.T. 0.009 min

Lab File: VV038973.D

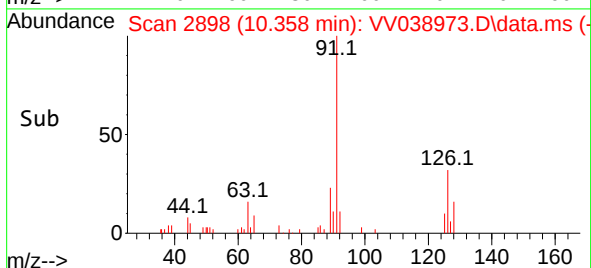
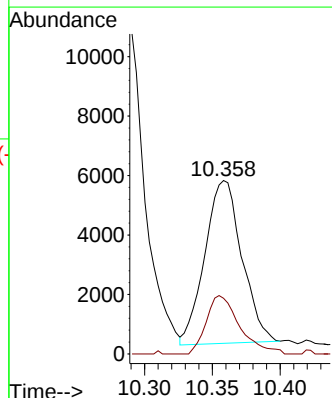
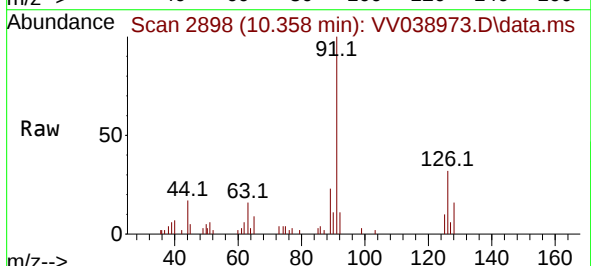
Acq: 21 Aug 2025 09:05

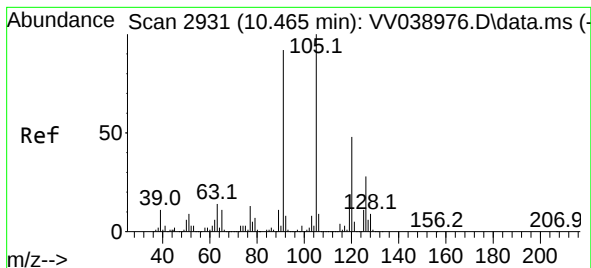
Tgt Ion: 91 Resp: 10427

Ion Ratio Lower Upper

91 100

126 32.2 17.1 51.2





#80

1,3,5-Trimethylbenzene

Concen: 0.967 ug/l

RT: 10.471 min Scan# 2931

Delta R.T. 0.006 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 1374

Ion Ratio Lower Upper

105 100

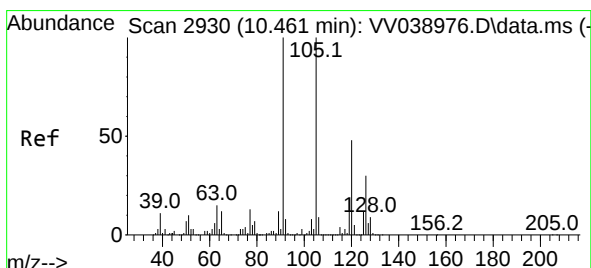
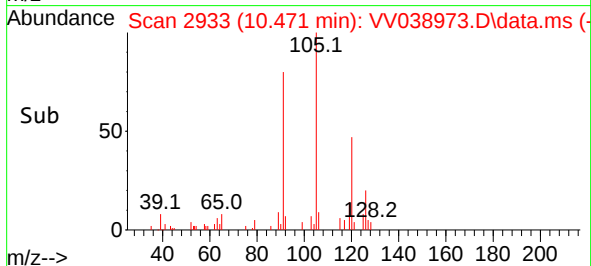
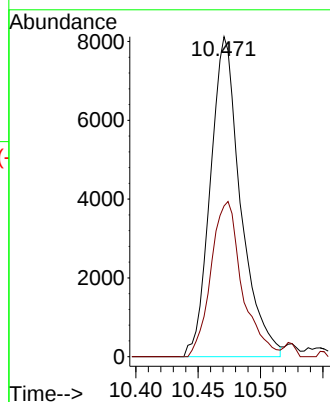
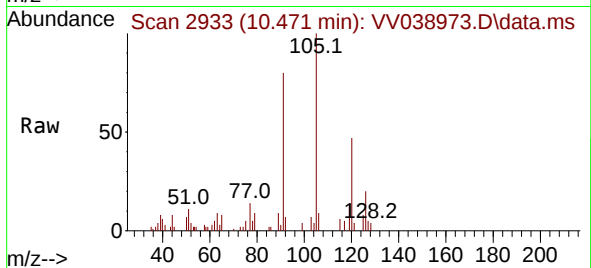
120 49.8 23.9 71.7

Manual Integrations

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Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#82

4-Chlorotoluene

Concen: 0.923 ug/l

RT: 10.477 min Scan# 2935

Delta R.T. 0.016 min

Lab File: VV038973.D

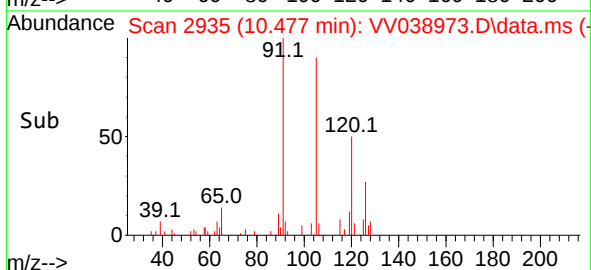
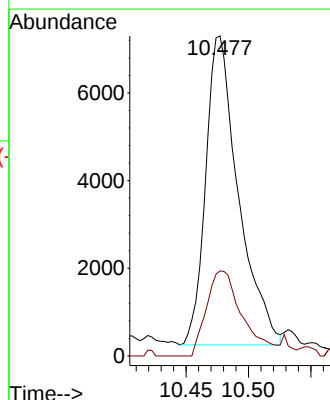
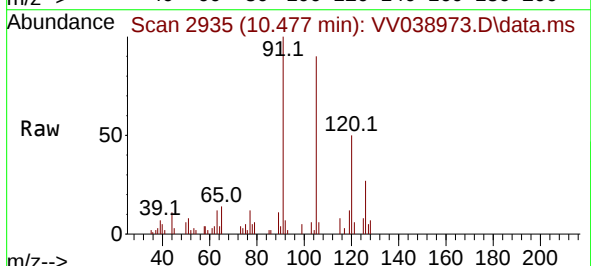
Acq: 21 Aug 2025 09:05

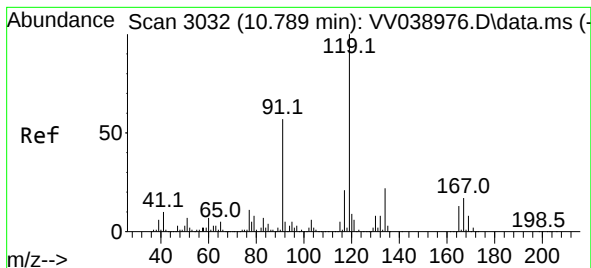
Tgt Ion: 91 Resp: 12887

Ion Ratio Lower Upper

91 100

126 30.1 14.9 44.5





#83

tert-Butylbenzene

Concen: 1.006 ug/l

RT: 10.792 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

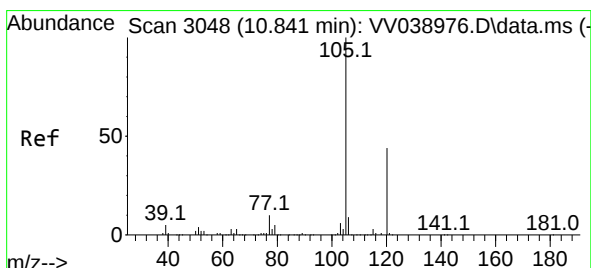
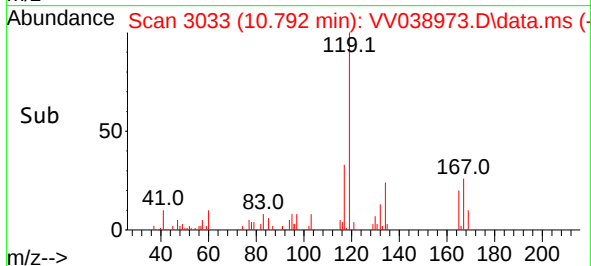
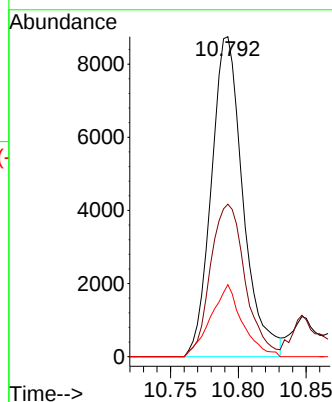
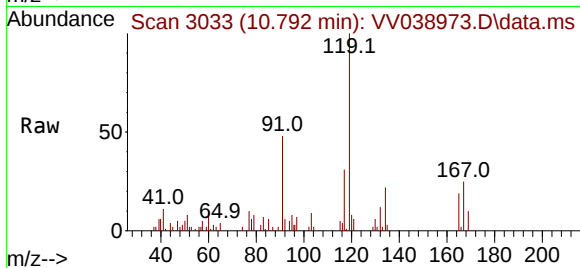
Tgt Ion:	119	Resp:	14198
Ion Ratio	Lower	Upper	
119	100		
91	52.2	28.4	85.3
134	22.5	11.2	33.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.940 ug/l

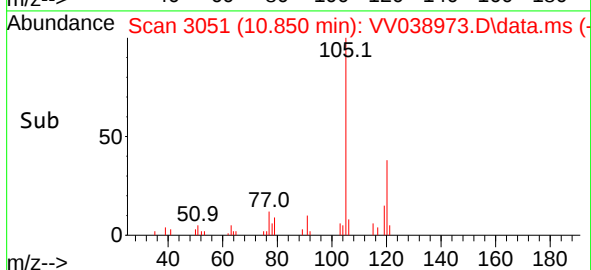
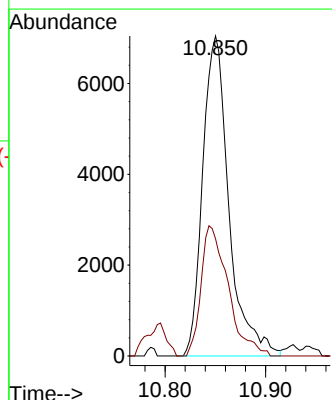
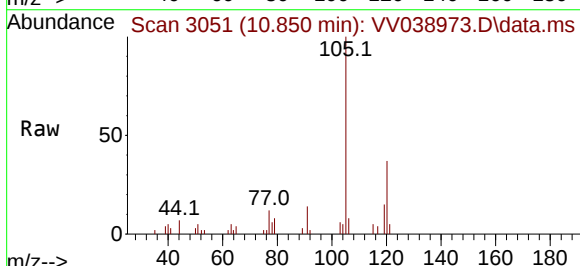
RT: 10.850 min Scan# 3051

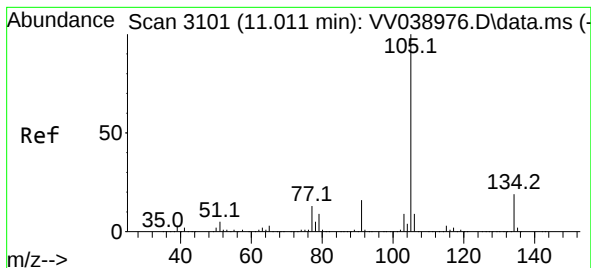
Delta R.T. 0.009 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Tgt Ion:	105	Resp:	12782
Ion Ratio	Lower	Upper	
105	100		
120	42.0	22.8	68.3





#85

sec-Butylbenzene

Concen: 0.992 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

Instrument :

MSVOA_V

ClientSampleId :

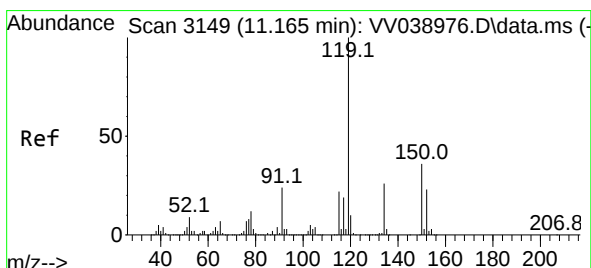
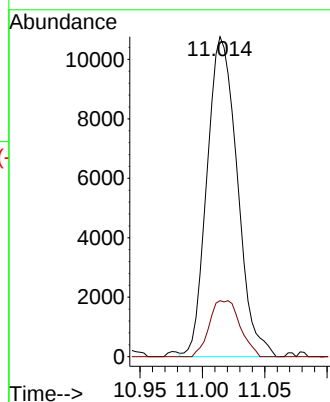
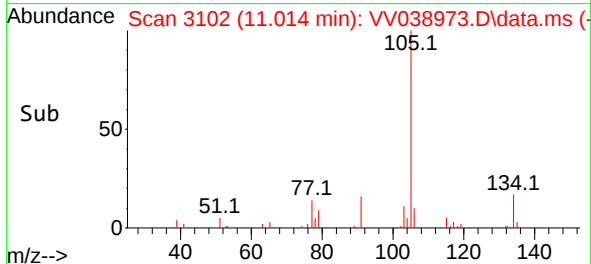
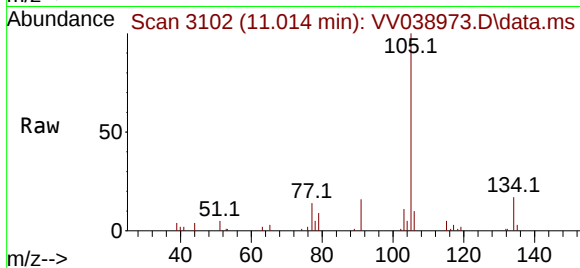
VSTDIC001

Tgt Ion:105 Resp: 18208
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.9 29.7

Manual Integrations

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Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#86

p-Isopropyltoluene

Concen: 0.930 ug/l

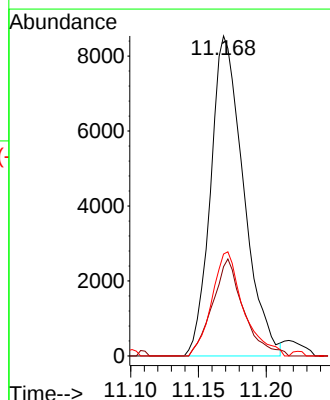
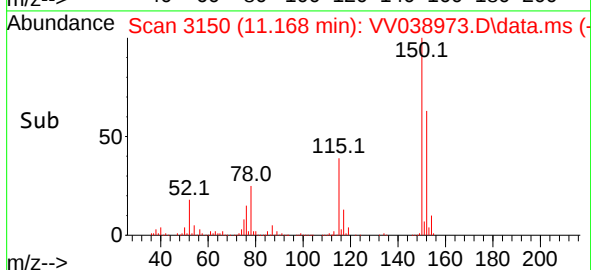
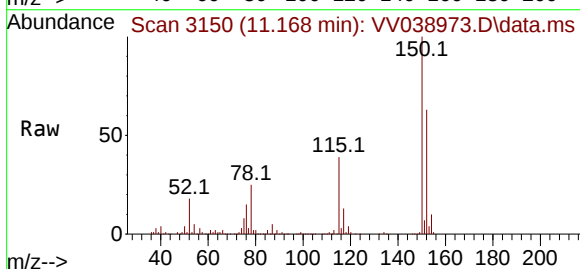
RT: 11.168 min Scan# 3150

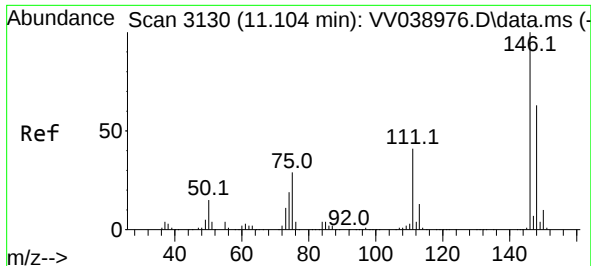
Delta R.T. 0.003 min

Lab File: VV038973.D

Acq: 21 Aug 2025 09:05

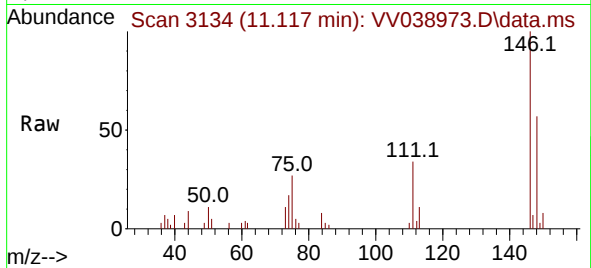
Tgt Ion:119 Resp: 14370
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.0 38.9
 91 31.3 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 1.019 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

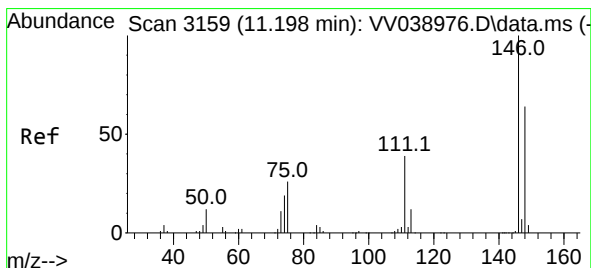
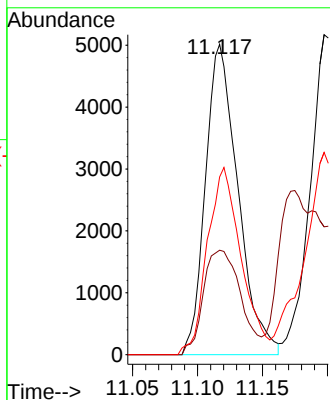
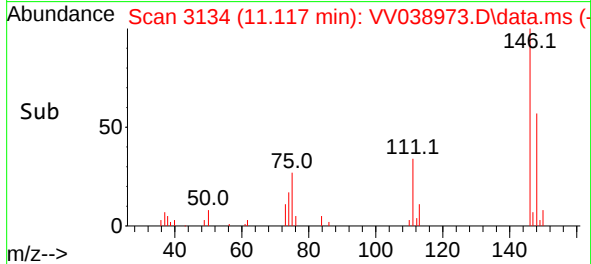
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001



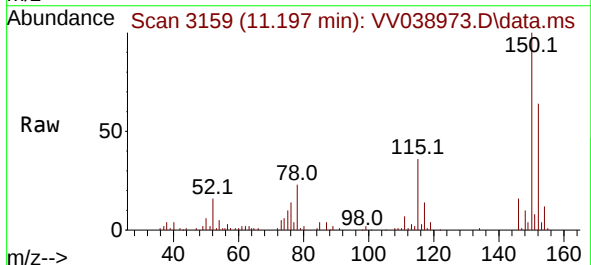
Tgt Ion:146 Resp: 873
Ion Ratio Lower Upper
146 100
111 38.7 20.5 61.6
148 62.7 31.9 95.5

Manual Integrations
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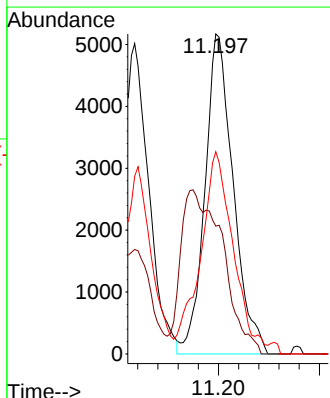
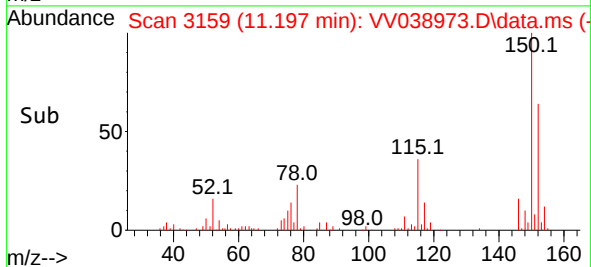
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

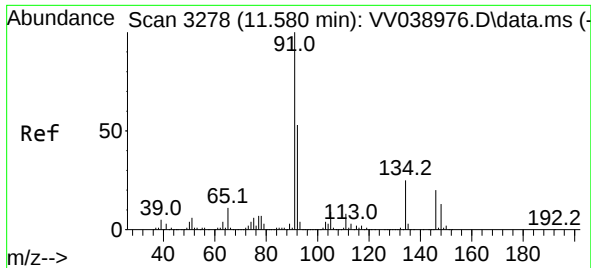


#88
1,4-Dichlorobenzene
Concen: 1.101 ug/l m
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



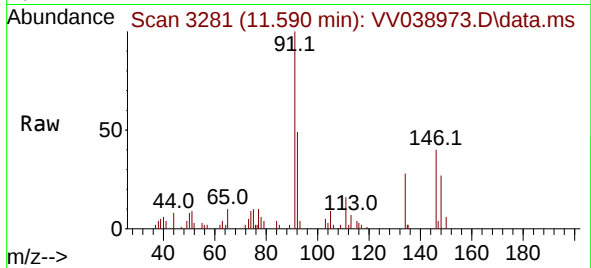
Tgt Ion:146 Resp: 10066
Ion Ratio Lower Upper
146 100
111 33.6 20.0 60.0
148 54.4 31.8 95.3





#89
n-Butylbenzene
Concen: 0.995 ug/l
RT: 11.590 min Scan# 3281
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

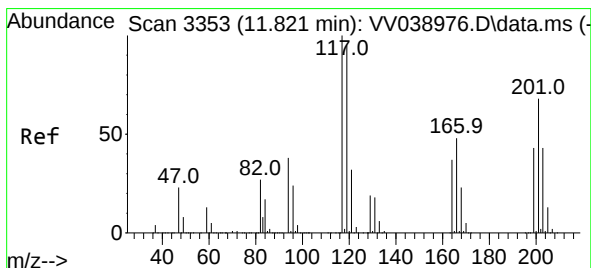
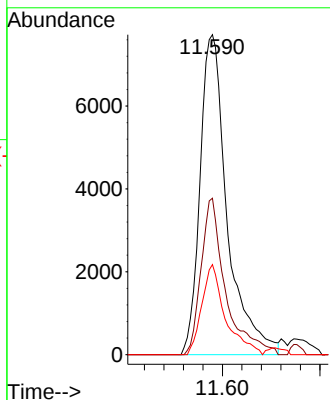
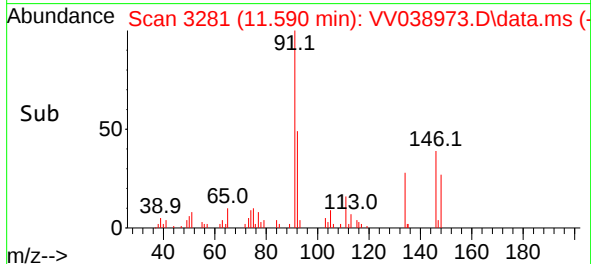
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 14990
Ion Ratio Lower Upper
91 100
92 43.8 26.5 79.5
134 24.3 12.6 37.8

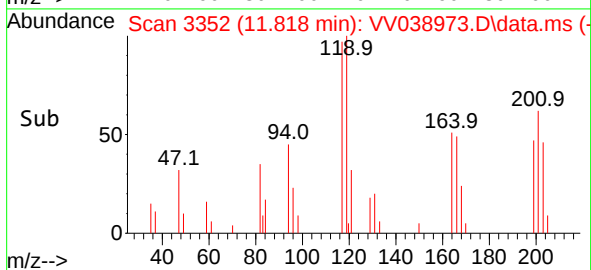
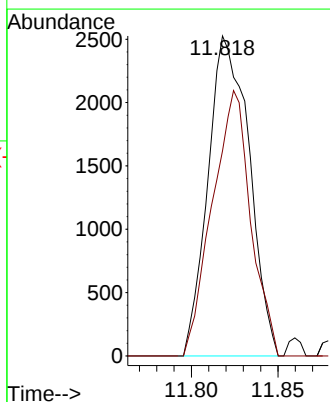
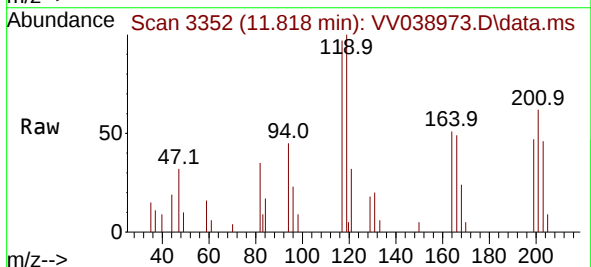
Manual Integrations
APPROVED

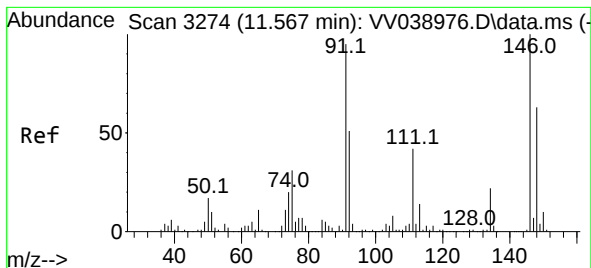
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90
Hexachloroethane
Concen: 1.167 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

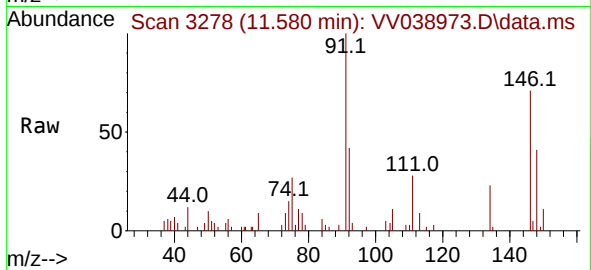
Tgt Ion:117 Resp: 4168
Ion Ratio Lower Upper
117 100
201 77.5 33.7 101.0





#91
1,2-Dichlorobenzene
Concen: 1.038 ug/l
RT: 11.580 min Scan# 3111
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

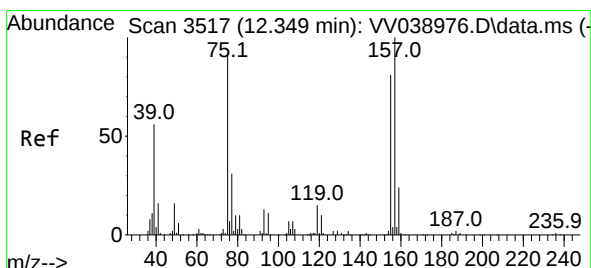
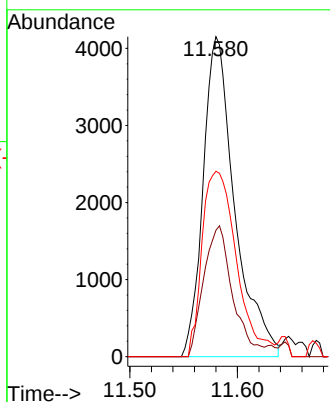
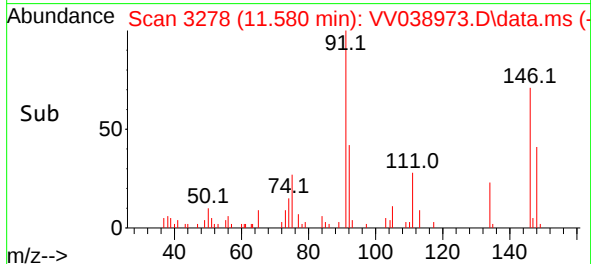
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



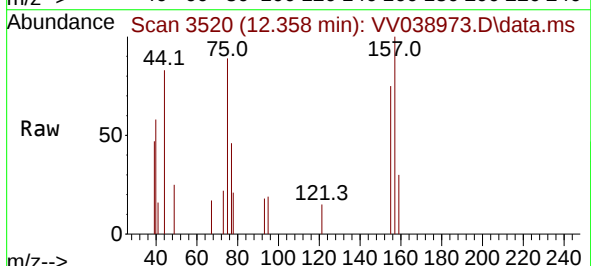
Tgt Ion:146 Resp: 848
Ion Ratio Lower Upper
146 100
111 37.5 21.1 63.4
148 63.2 31.9 95.7

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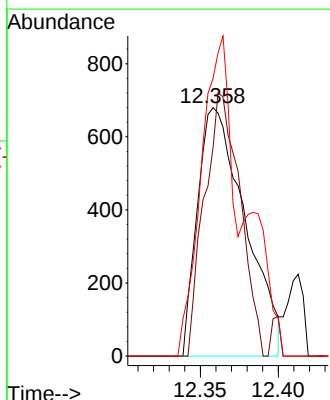
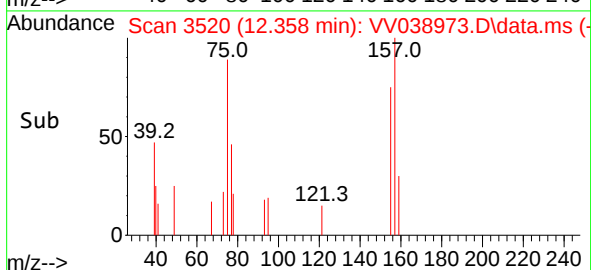
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

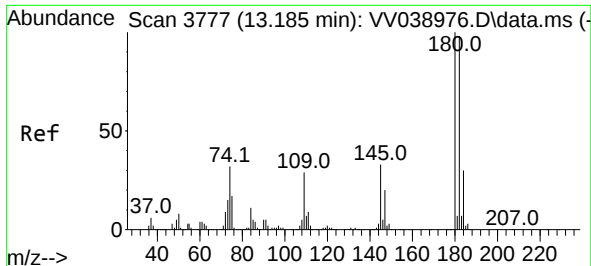


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.106 ug/l
RT: 12.358 min Scan# 3520
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion: 75 Resp: 1443
Ion Ratio Lower Upper
75 100
155 79.2 43.7 131.1
157 81.5 54.1 162.3





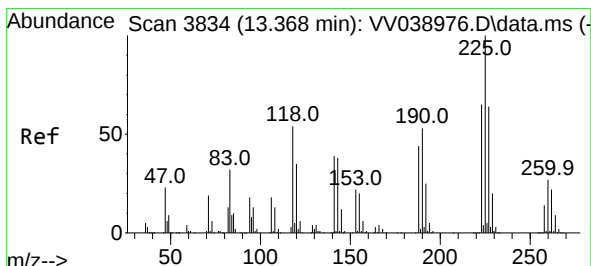
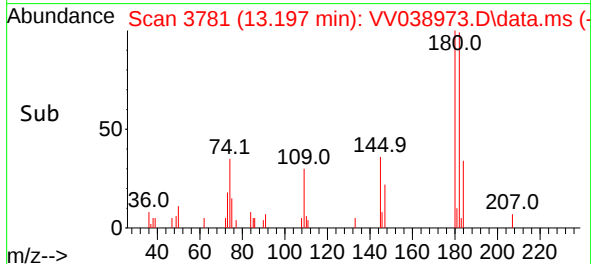
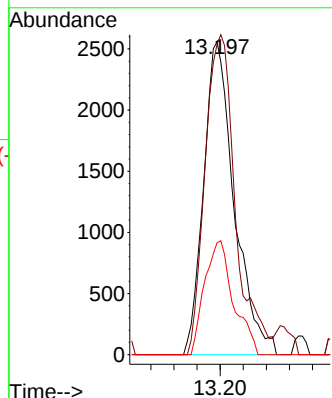
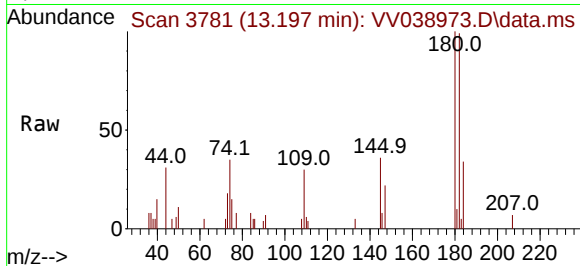
#93
1,2,4-Trichlorobenzene
Concen: 0.969 ug/l
RT: 13.197 min Scan# 3781
Delta R.T. 0.013 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:180 Resp: 472.0
Ion Ratio Lower Upper
180 100
182 100.4 47.3 142.0
145 34.2 16.3 48.8

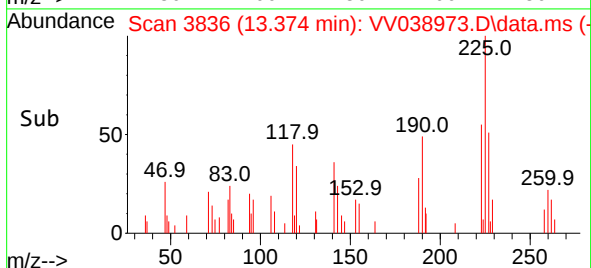
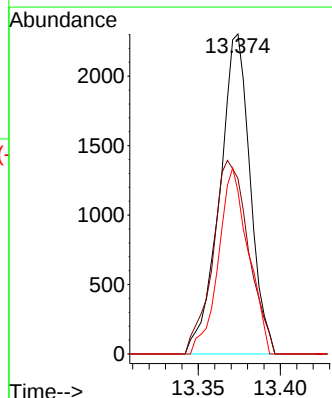
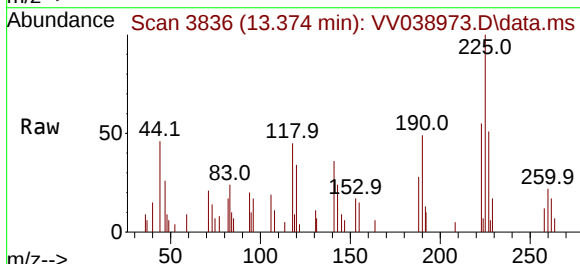
Manual Integrations
APPROVED

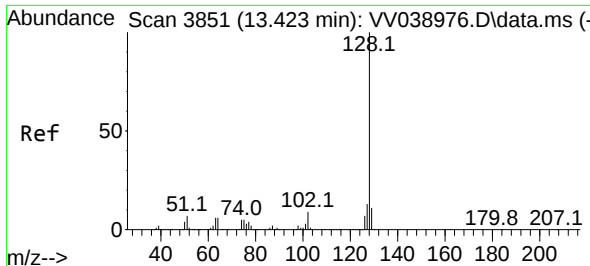
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#94
Hexachlorobutadiene
Concen: 1.187 ug/l
RT: 13.374 min Scan# 3836
Delta R.T. 0.006 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

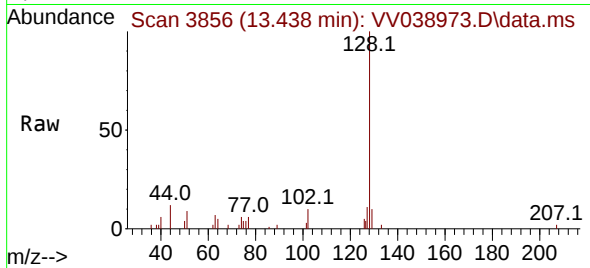
Tgt Ion:225 Resp: 2983
Ion Ratio Lower Upper
225 100
223 71.1 31.9 95.7
227 57.0 30.8 92.3





#95
Naphthalene
Concen: 0.902 ug/l
RT: 13.438 min Scan# 3856
Delta R.T. 0.016 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05

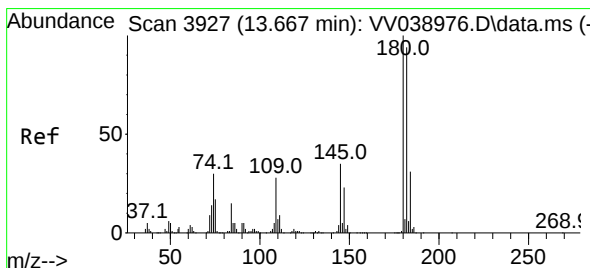
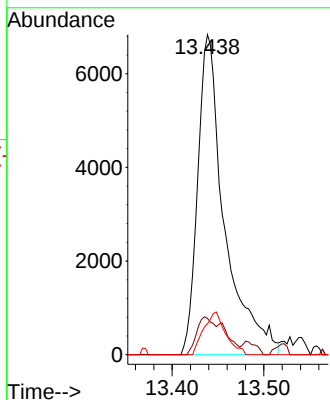
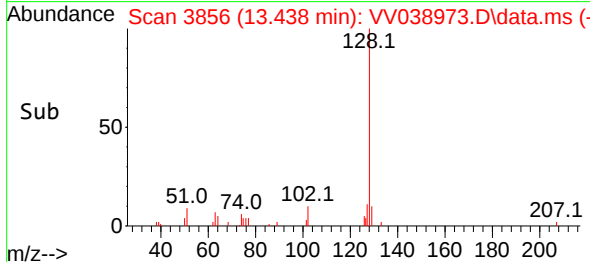
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001



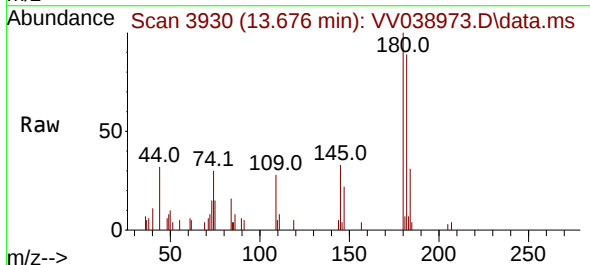
Tgt Ion:128 Resp: 13870
Ion Ratio Lower Upper
128 100
127 7.8 10.3 15.5
129 10.9 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.899 ug/l
RT: 13.676 min Scan# 3930
Delta R.T. 0.009 min
Lab File: VV038973.D
Acq: 21 Aug 2025 09:05



Tgt Ion:180 Resp: 4421
Ion Ratio Lower Upper
180 100
182 103.3 47.0 141.0
145 36.6 17.3 52.0

