

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048694.D
 Acq On : 03 Dec 2025 08:43
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 01:35:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 01:31:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	176056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	293875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	128840	50.000	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.179	85	1929	0.951	ug/l	83
3) Chloromethane	1.300	50	1989	1.006	ug/l #	73
4) Vinyl Chloride	1.380	62	2155	0.994	ug/l #	85
6) Chloroethane	1.697	64	1294	1.008	ug/l	90
7) Trichlorofluoromethane	1.898	101	3170	1.007	ug/l	89
8) Diethyl Ether	2.130	74	1104	0.985	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.337	101	1986	1.058	ug/l #	85
12) 1,1-Dichloroethene	2.331	96	1904	1.021	ug/l #	76
14) Allyl chloride	2.672	41	3975	1.126	ug/l	96
15) Acrylonitrile	3.062	53	4636	4.057	ug/l	95
16) Acetone	2.373	43	4523	5.822	ug/l	90
17) Carbon Disulfide	2.520	76	6026	1.060	ug/l #	95
18) Methyl Acetate	2.703	43	2787	1.083	ug/l #	90
19) Methyl tert-butyl Ether	3.093	73	5496	0.865	ug/l #	86
20) Methylene Chloride	2.788	84	2448	1.129	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1512	0.785	ug/l #	80
22) Diisopropyl ether	3.745	45	6321	1.000	ug/l #	58
23) Vinyl Acetate	3.721	43	25140	4.574	ug/l #	92
24) 1,1-Dichloroethane	3.599	63	3868	1.074	ug/l #	95
25) 2-Butanone	4.556	43	6596m	4.971	ug/l	
26) 2,2-Dichloropropane	4.465	77	3818m	1.169	ug/l	
27) cis-1,2-Dichloroethene	4.471	96	2619m	1.087	ug/l	
28) Bromochloromethane	4.885	49	1685	0.975	ug/l #	84
29) Tetrahydrofuran	4.995	42	5217	5.062	ug/l #	85
30) Chloroform	5.080	83	3861	1.012	ug/l	85
32) 1,1,1-Trichloroethane	5.367	97	3684	1.074	ug/l #	49
36) 1,1-Dichloropropene	5.678	75	2989	1.104	ug/l #	91
37) Ethyl Acetate	4.715	43	2942	0.823	ug/l #	76
38) Carbon Tetrachloride	5.653	117	3456	1.111	ug/l #	72
39) Methylcyclohexane	7.354	83	3371	1.070	ug/l #	81
40) Benzene	6.019	78	8625	1.084	ug/l	98
41) Methacrylonitrile	4.910	41	1520	0.977	ug/l #	60
42) 1,2-Dichloroethane	6.062	62	3265	1.143	ug/l	91
43) Isopropyl Acetate	6.324	43	4678	0.969	ug/l #	92
44) Trichloroethene	7.110	130	2256	1.077	ug/l	99
45) 1,2-Dichloropropane	7.415	63	2175	1.119	ug/l #	86

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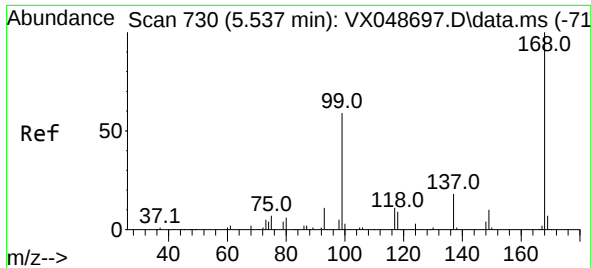
Quant Time: Dec 04 01:35:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
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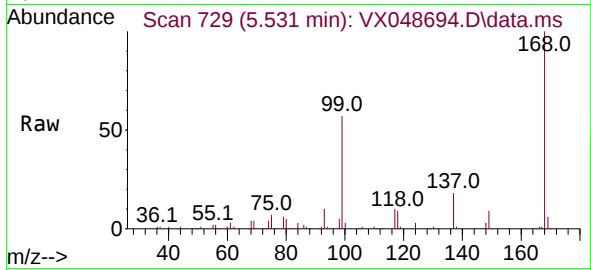
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.568	93	1509	1.009	ug/l	94
47) Bromodichloromethane	7.805	83	3300	1.076	ug/l #	96
48) Methyl methacrylate	7.683	41	2303	0.999	ug/l #	85
49) 1,4-Dioxane	7.647	88	484	17.166	ug/l #	78
51) 4-Methyl-2-Pentanone	8.555	43	15212	5.002	ug/l	94
52) Toluene	8.702	92	4745	0.972	ug/l	86
53) t-1,3-Dichloropropene	8.964	75	2897	0.949	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	3107	0.960	ug/l #	88
55) 1,1,2-Trichloroethane	9.134	97	1953	1.009	ug/l #	87
56) Ethyl methacrylate	9.104	69	2764	0.891	ug/l #	88
57) 1,3-Dichloropropane	9.293	76	3367	1.034	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.232	63	5833m	3.649	ug/l	
59) 2-Hexanone	9.415	43	10509	4.816	ug/l	94
60) Dibromochloromethane	9.506	129	2494	1.033	ug/l	93
61) 1,2-Dibromoethane	9.592	107	2273	1.062	ug/l	98
64) Tetrachloroethene	9.256	164	2119	1.156	ug/l	91
65) Chlorobenzene	10.061	112	5918	1.047	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	2056	1.045	ug/l #	64
67) Ethyl Benzene	10.177	91	9314	1.003	ug/l	100
68) m/p-Xylenes	10.287	106	7183	2.008	ug/l	97
69) o-Xylene	10.628	106	3277	0.951	ug/l	92
70) Styrene	10.640	104	5079	0.877	ug/l	95
71) Bromoform	10.787	173	1839	1.027	ug/l #	88
73) Isopropylbenzene	10.945	105	8297	0.964	ug/l	97
74) N-amyl acetate	10.829	43	3440	0.885	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.195	83	3141	1.065	ug/l	94
76) 1,2,3-Trichloropropane	11.219	75	2590m	0.817	ug/l	
77) Bromobenzene	11.183	156	2560	1.103	ug/l	94
78) n-propylbenzene	11.286	91	9693	0.961	ug/l	97
79) 2-Chlorotoluene	11.347	91	6333	1.033	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	6424	0.912	ug/l	99
82) 4-Chlorotoluene	11.439	91	6700	0.940	ug/l	94
83) tert-Butylbenzene	11.701	119	6917	0.947	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	6212	0.885	ug/l	96
85) sec-Butylbenzene	11.872	105	8542	0.966	ug/l	98
86) p-Isopropyltoluene	11.988	119	6788	0.929	ug/l	89
87) 1,3-Dichlorobenzene	11.951	146	4495	1.064	ug/l	97
88) 1,4-Dichlorobenzene	12.024	146	5106	1.184	ug/l	93
89) n-Butylbenzene	12.317	91	6683	0.971	ug/l	97
90) Hexachloroethane	12.518	117	1568	1.066	ug/l	97
91) 1,2-Dichlorobenzene	12.323	146	4097	1.042	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.926	75	645	0.963	ug/l	94
93) 1,2,4-Trichlorobenzene	13.573	180	2519	1.006	ug/l	97
94) Hexachlorobutadiene	13.701	225	1252	1.201	ug/l	96
95) Naphthalene	13.762	128	5930	0.776	ug/l	98
96) 1,2,3-Trichlorobenzene	13.938	180	2244	0.971	ug/l	96

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

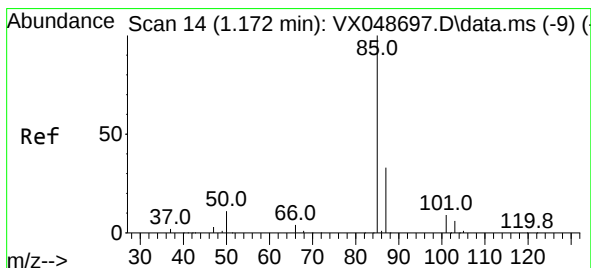
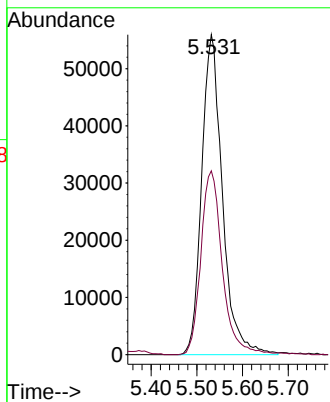
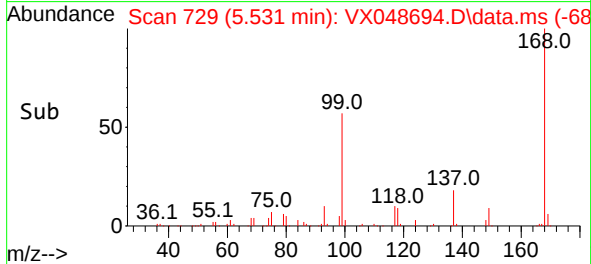
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 176056
Ion Ratio Lower Upper
168 100
99 57.4 48.3 72.5

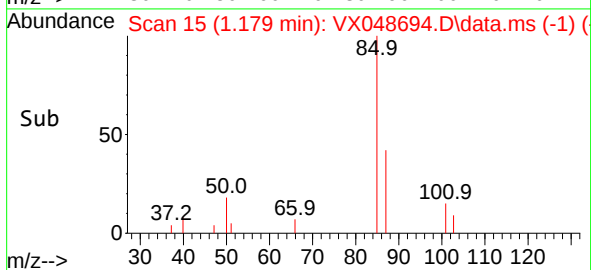
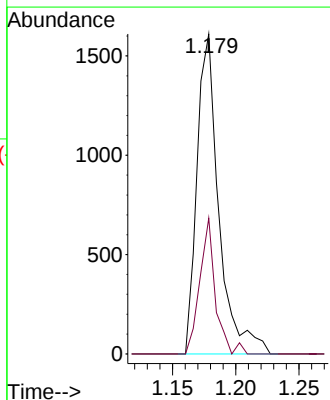
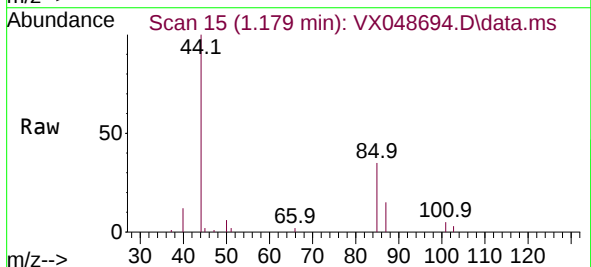
Manual Integrations
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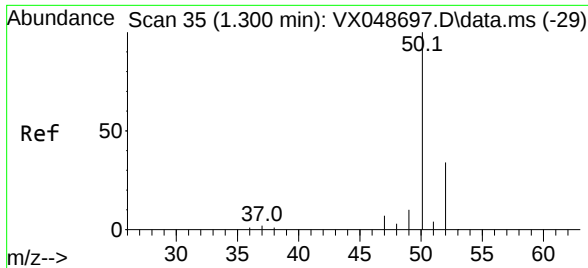
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 0.951 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 85 Resp: 1929
Ion Ratio Lower Upper
85 100
87 42.5 16.6 49.7





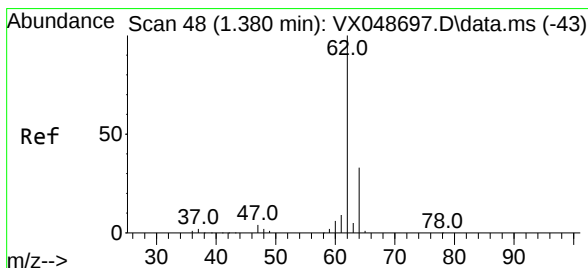
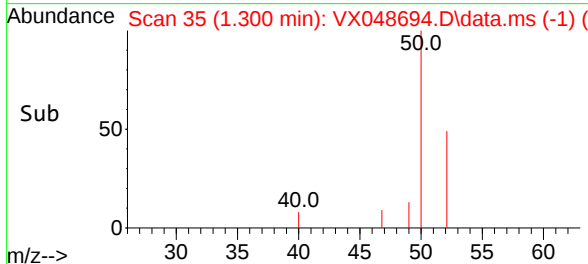
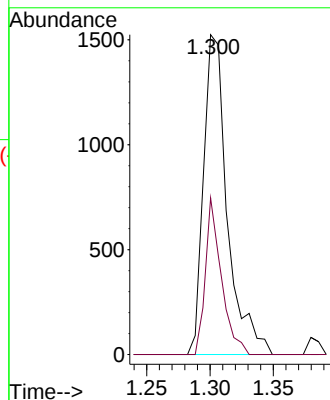
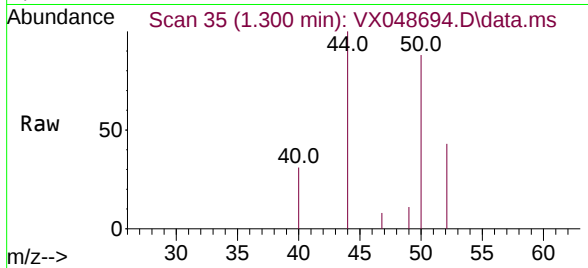
#3
Chloromethane
Concen: 1.006 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1989
Ion Ratio Lower Upper
50 100
52 49.0 26.8 40.2

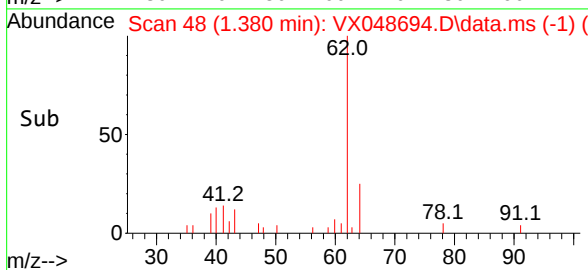
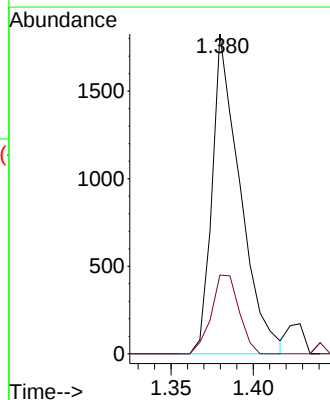
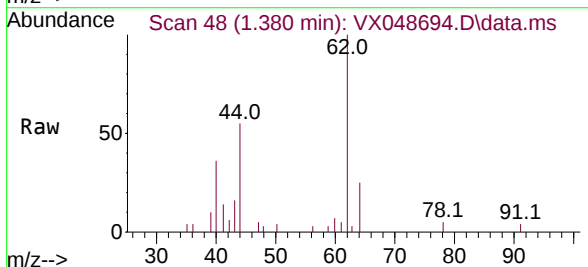
Manual Integrations
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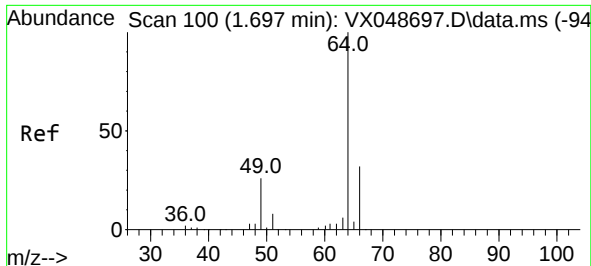
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 0.994 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

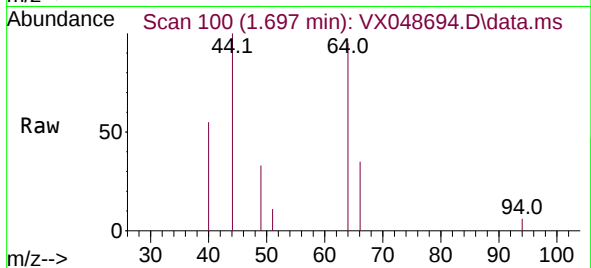
Tgt Ion: 62 Resp: 2155
Ion Ratio Lower Upper
62 100
64 24.6 26.7 40.1





#6
Chloroethane
Concen: 1.008 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

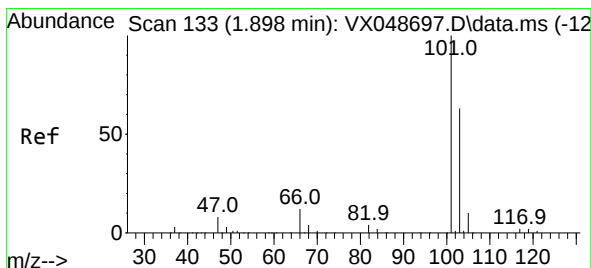
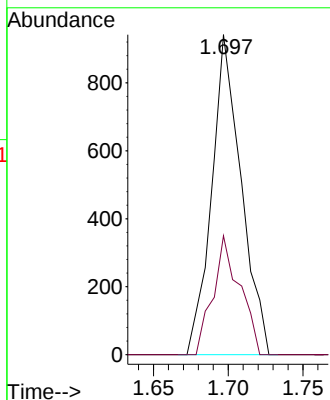
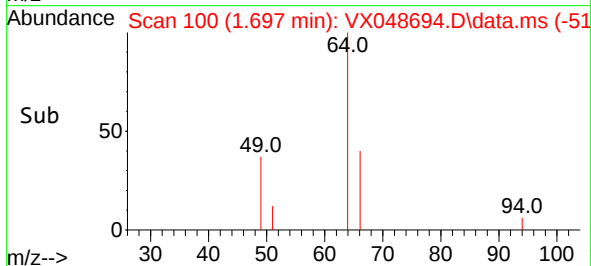
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



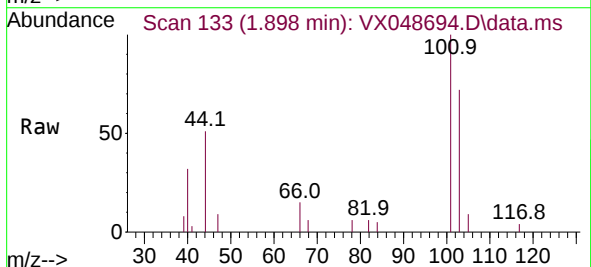
Tgt Ion: 64 Resp: 1294
Ion Ratio Lower Upper
64 100
66 37.2 25.2 37.8

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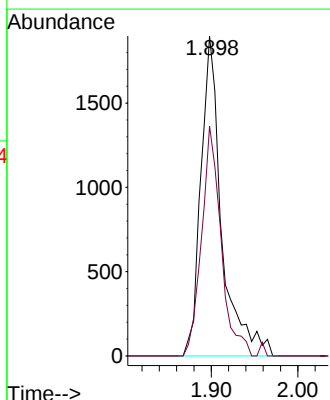
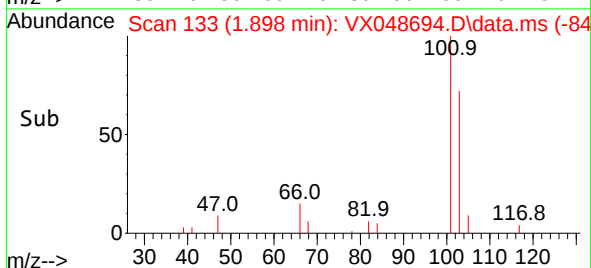
Reviewed By :John Carlone 12/04/2025
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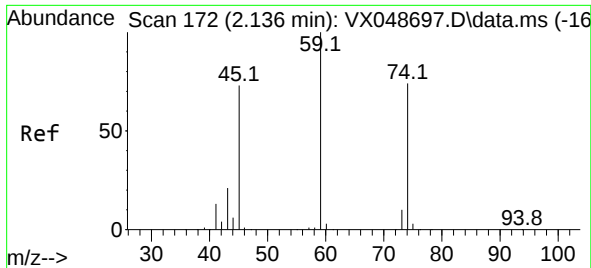


#7
Trichlorofluoromethane
Concen: 1.007 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



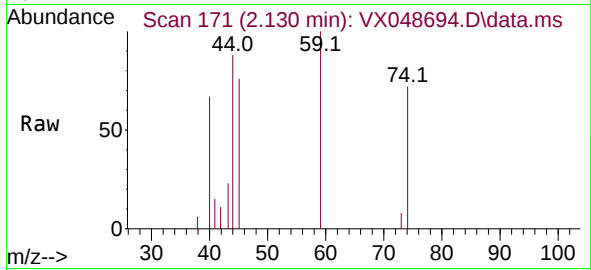
Tgt Ion:101 Resp: 3170
Ion Ratio Lower Upper
101 100
103 71.8 50.5 75.7





#8
Diethyl Ether
Concen: 0.985 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

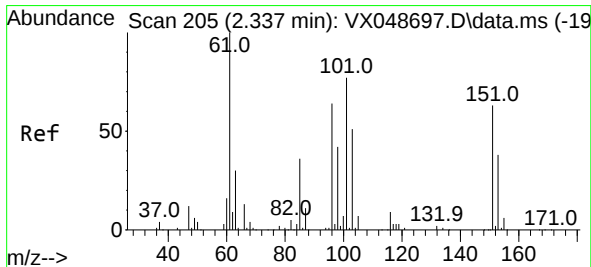
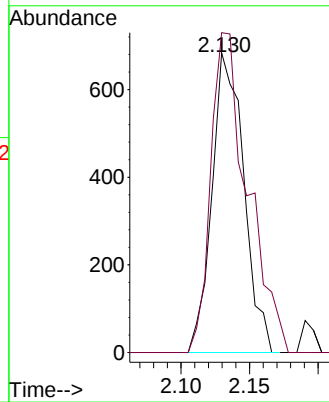
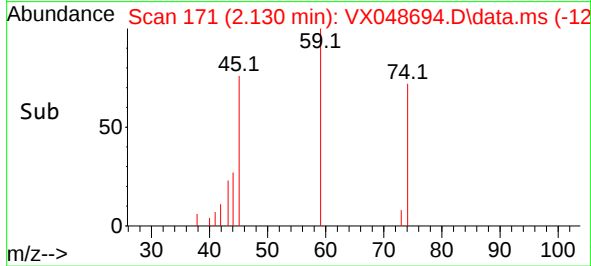
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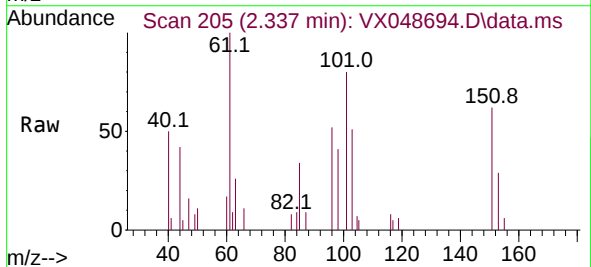
Tgt Ion: 74 Resp: 1104
Ion Ratio Lower Upper
74 100
45 123.7 48.1 144.4

Manual Integrations
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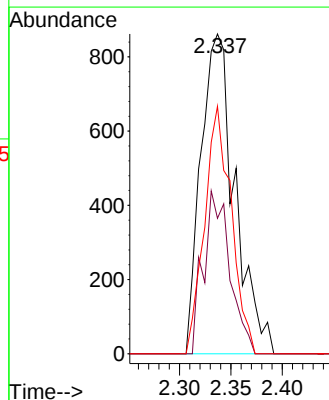
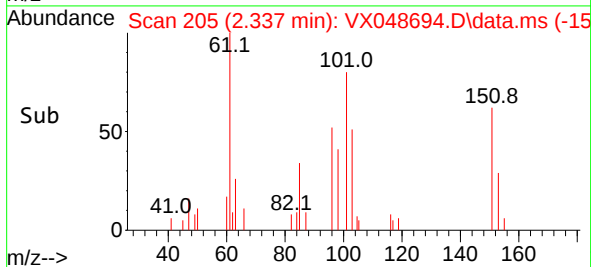
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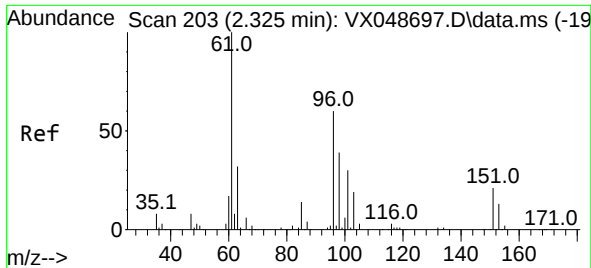


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.058 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



Tgt Ion:101 Resp: 1986
Ion Ratio Lower Upper
101 100
85 39.3 35.5 53.3
151 60.8 62.2 93.4#





#12

1,1-Dichloroethene

Concen: 1.021 ug/l

RT: 2.331 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 1904

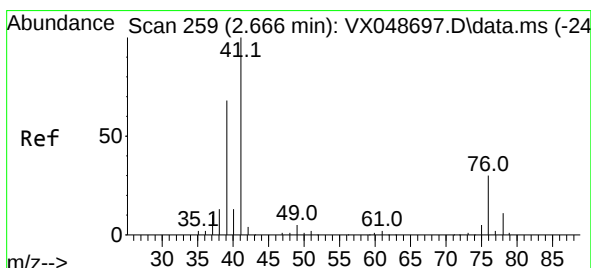
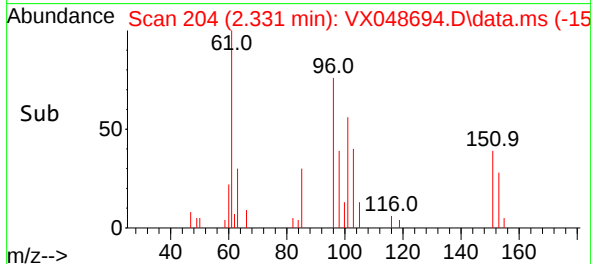
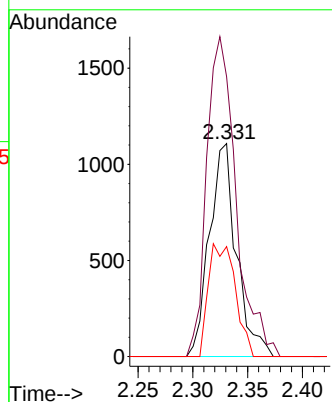
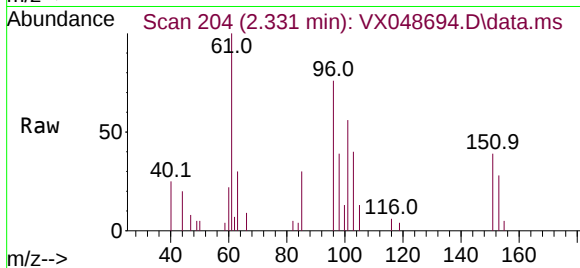
Ion	Ratio	Lower	Upper
96	100		
61	131.4	133.5	200.3
98	51.6	52.2	78.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/04/2025



#14

Allyl chloride

Concen: 1.126 ug/l

RT: 2.672 min Scan# 260

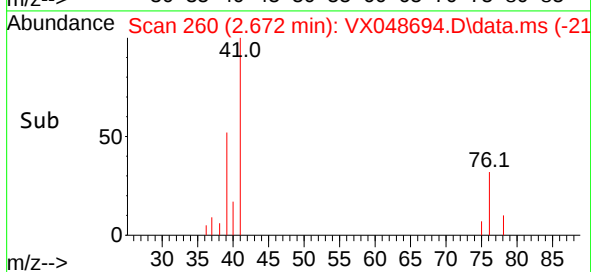
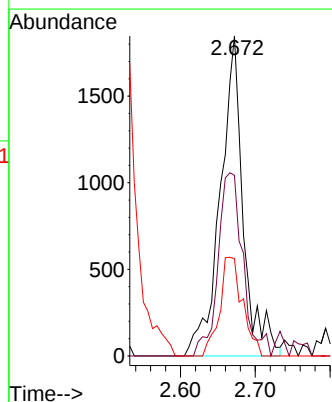
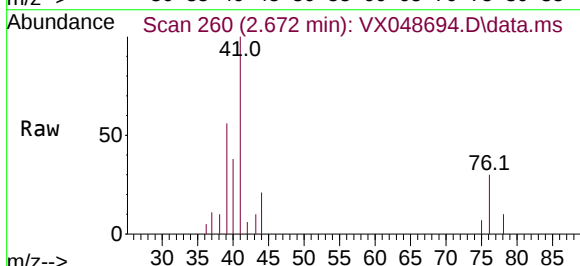
Delta R.T. 0.006 min

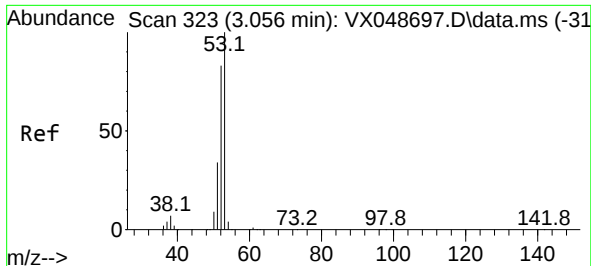
Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion: 41 Resp: 3975

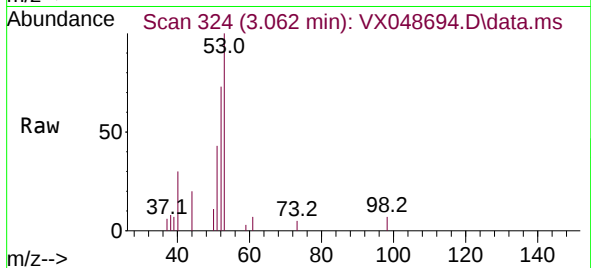
Ion	Ratio	Lower	Upper
41	100		
39	61.5	50.7	76.1
76	30.5	27.1	40.7





#15
Acrylonitrile
Concen: 4.057 ug/l
RT: 3.062 min Scan# 323
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

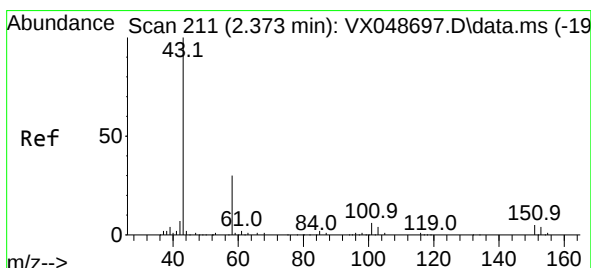
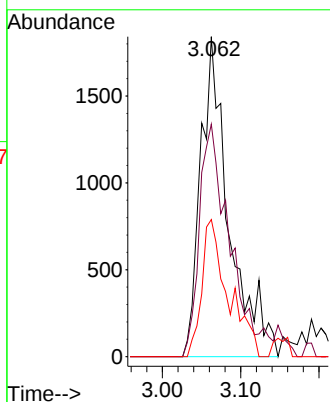
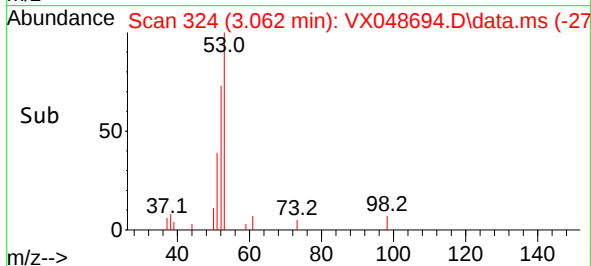
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 4636
Ion Ratio Lower Upper
53 100
52 78.4 65.4 98.0
51 39.8 28.3 42.5

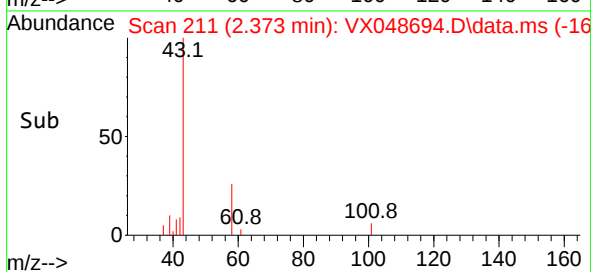
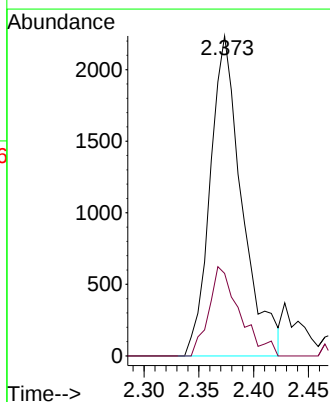
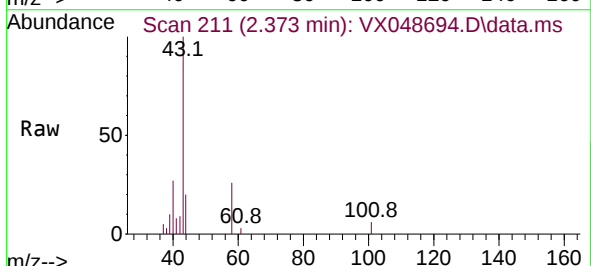
Manual Integrations
APPROVED

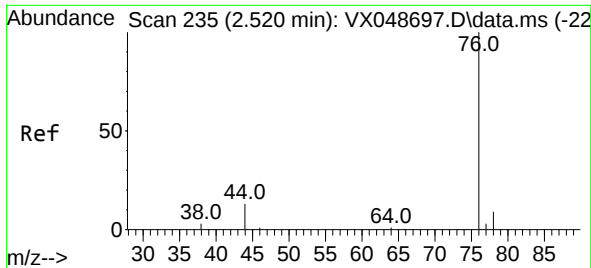
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 5.822 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

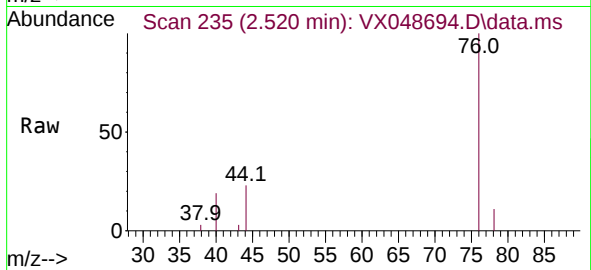
Tgt Ion: 43 Resp: 4523
Ion Ratio Lower Upper
43 100
58 25.8 24.9 37.3





#17
Carbon Disulfide
Concen: 1.060 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

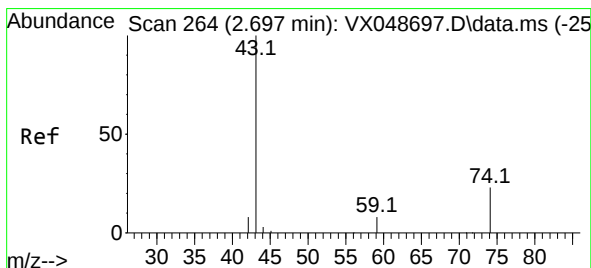
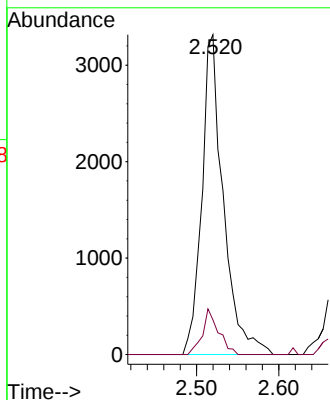
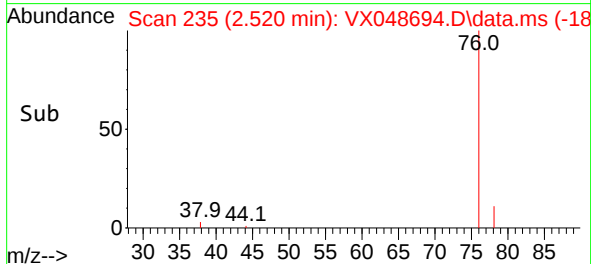
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 6026
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8

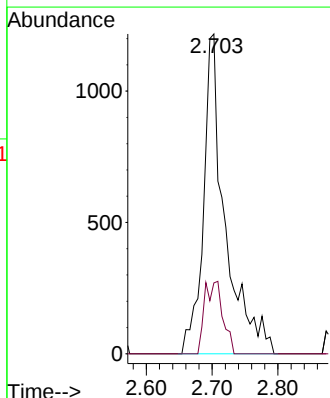
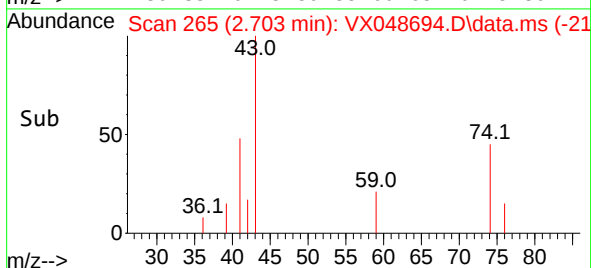
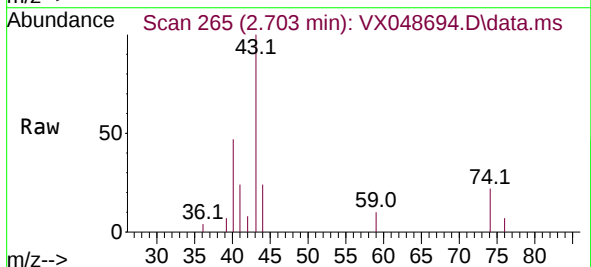
Manual Integrations
APPROVED

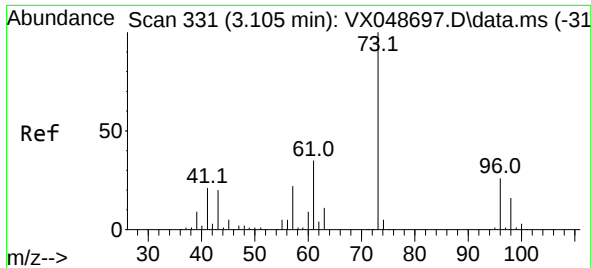
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 1.083 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

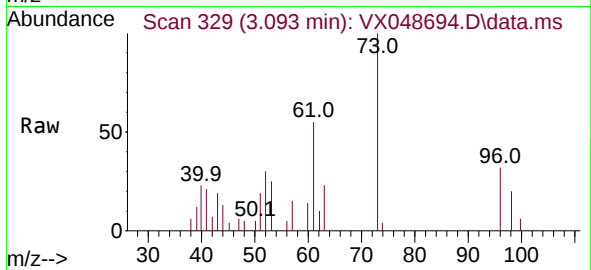
Tgt Ion: 43 Resp: 2787
Ion Ratio Lower Upper
43 100
74 18.9 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 0.865 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

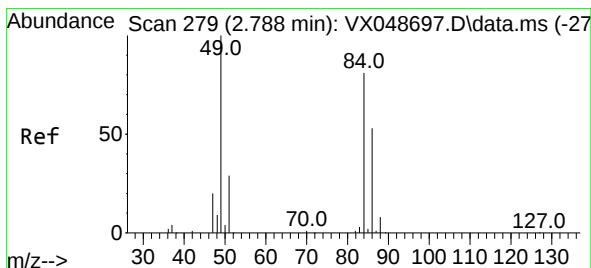
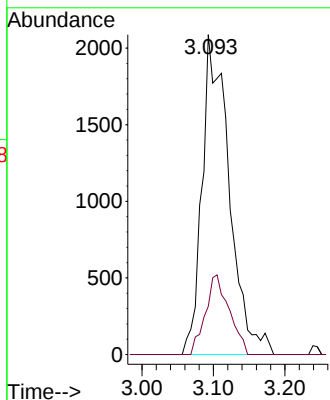
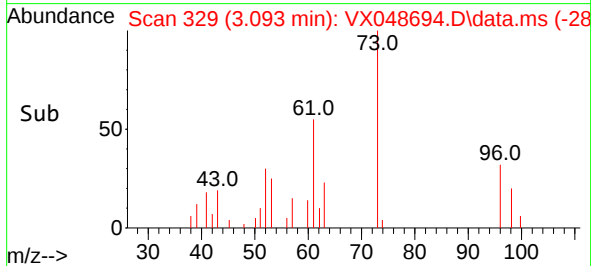
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



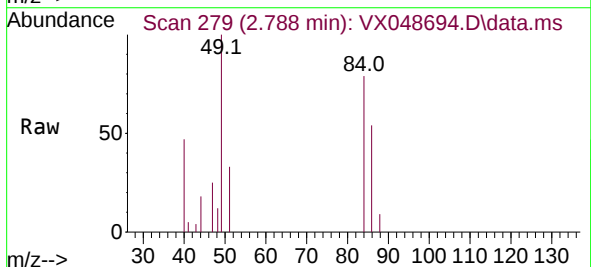
Tgt Ion: 73 Resp: 5496
Ion Ratio Lower Upper
73 100
57 15.1 17.5 26.3

Manual Integrations
APPROVED

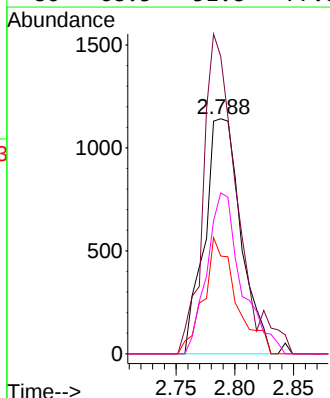
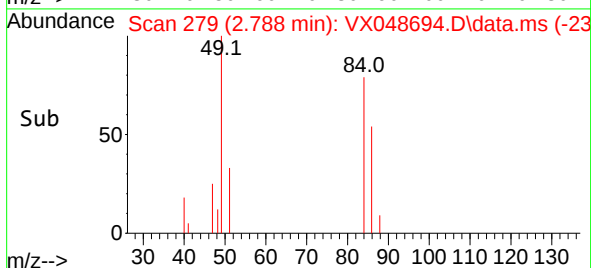
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

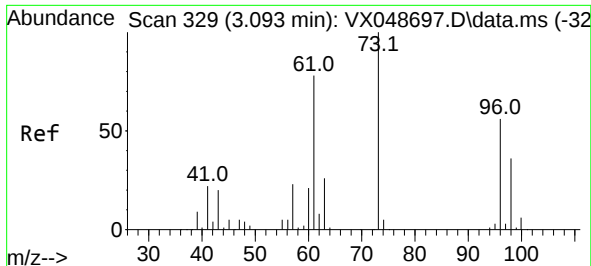


#20
Methylene Chloride
Concen: 1.129 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



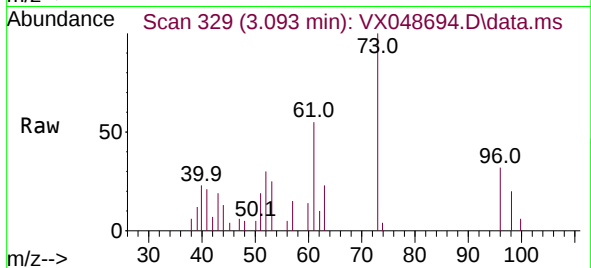
Tgt Ion: 84 Resp: 2448
Ion Ratio Lower Upper
84 100
49 126.4 98.6 148.0
51 41.6 28.7 43.1
86 68.5 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 0.785 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

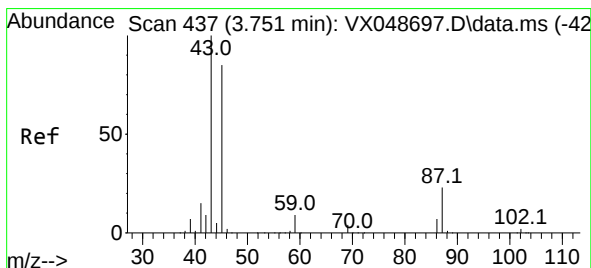
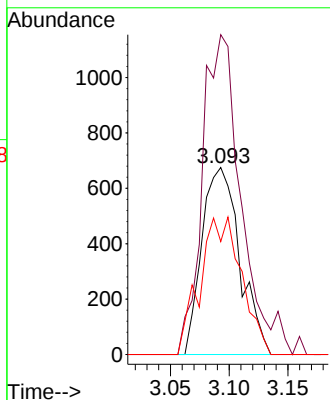
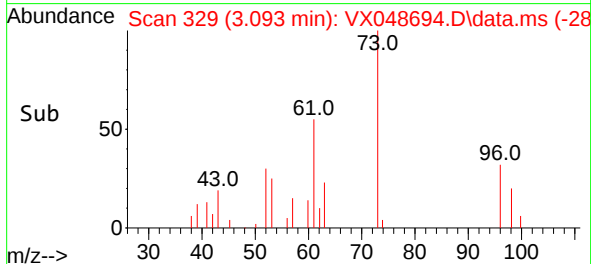
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



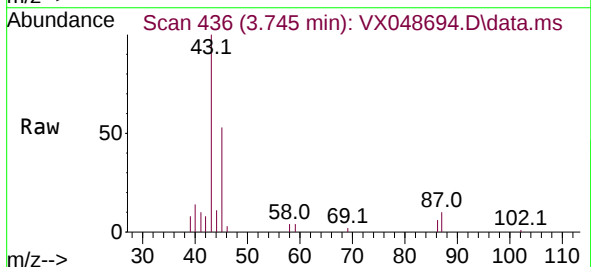
Tgt Ion: 96 Resp: 1512
Ion Ratio Lower Upper
96 100
61 171.1 110.6 166.0#
98 60.4 51.1 76.7

Manual Integrations
APPROVED

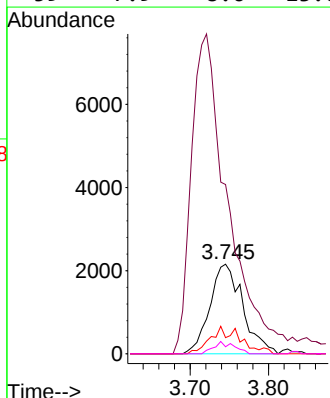
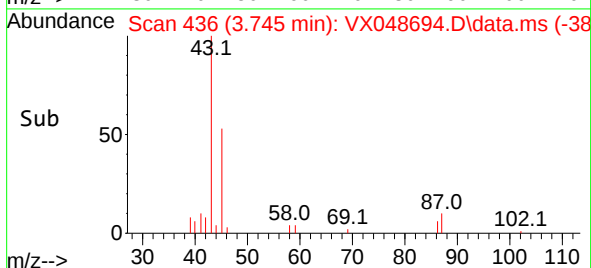
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

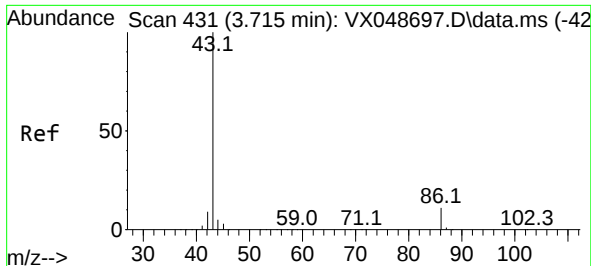


#22
Diisopropyl ether
Concen: 1.000 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



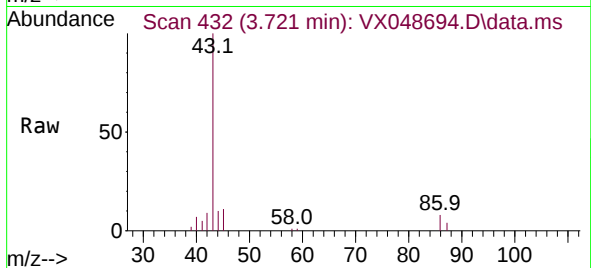
Tgt Ion: 45 Resp: 6321
Ion Ratio Lower Upper
45 100
43 173.7 94.6 141.8#
87 18.0 21.7 32.5#
59 7.9 8.6 13.0#





#23
 Vinyl Acetate
 Concen: 4.574 ug/l
 RT: 3.721 min Scan# 431
 Delta R.T. 0.006 min
 Lab File: VX048694.D
 Acq: 03 Dec 2025 08:43

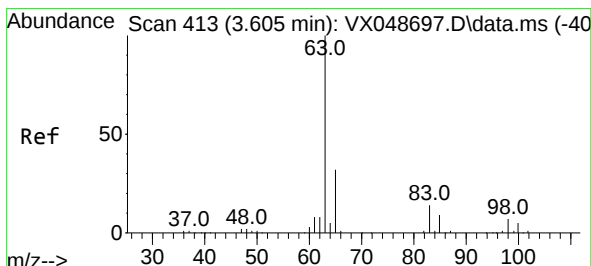
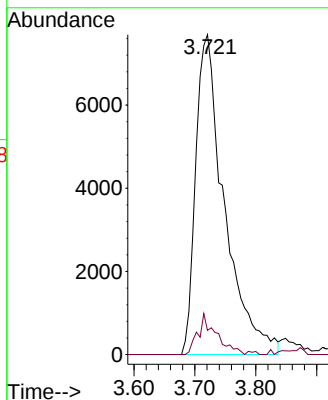
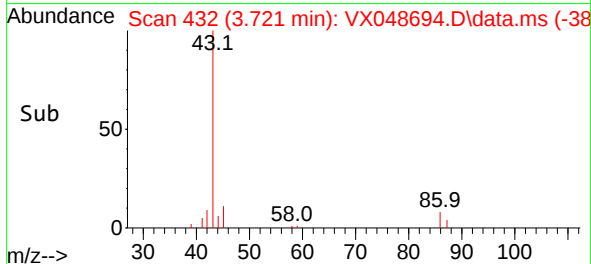
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001



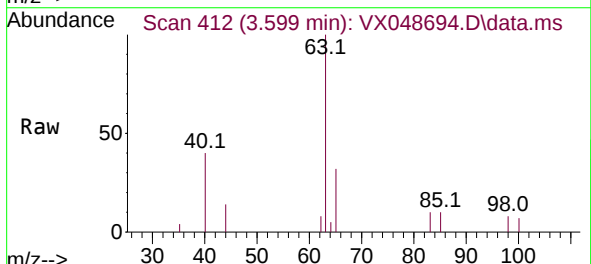
Tgt Ion: 43 Resp: 25140
 Ion Ratio Lower Upper
 43 100
 86 7.6 8.6 12.8

Manual Integrations
 APPROVED

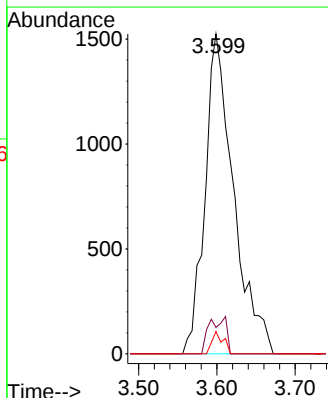
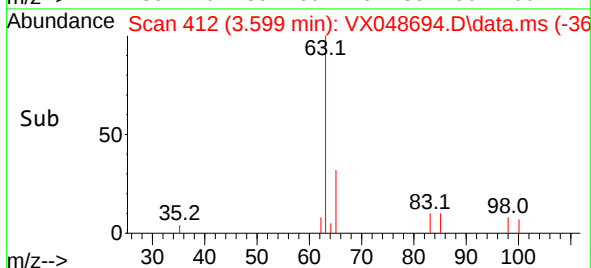
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

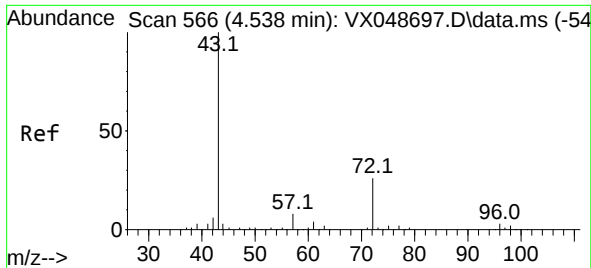


#24
 1,1-Dichloroethane
 Concen: 1.074 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048694.D
 Acq: 03 Dec 2025 08:43



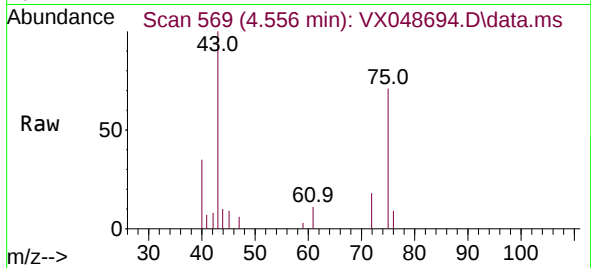
Tgt Ion: 63 Resp: 3868
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.5
 100 7.0 2.3 6.9





#25
2-Butanone
Concen: 4.971 ug/l m
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

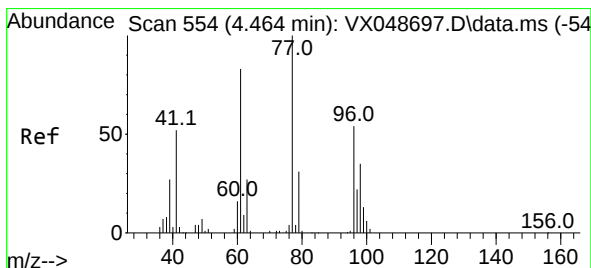
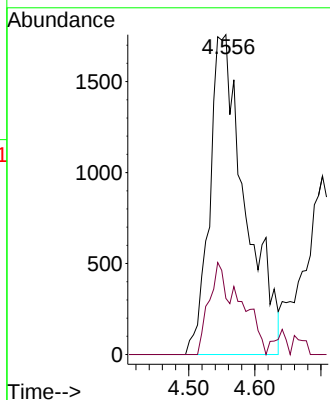
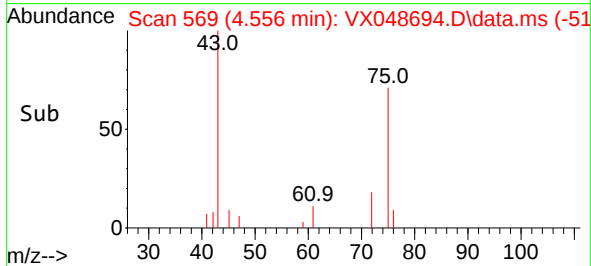
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 6596
Ion Ratio Lower Upper
43 100
72 17.6 20.6 31.0

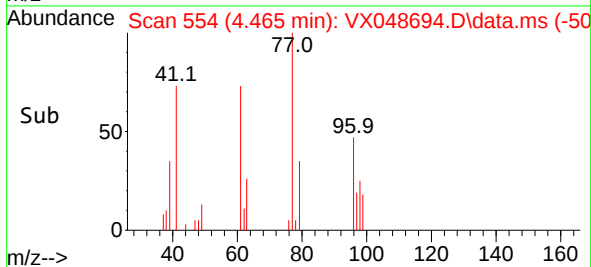
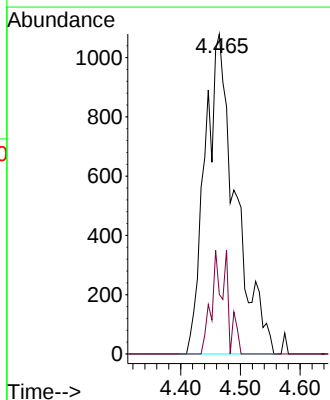
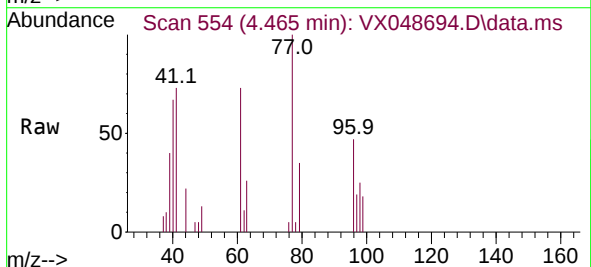
Manual Integrations
APPROVED

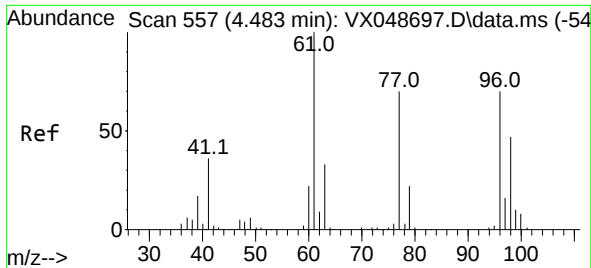
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 1.169 ug/l m
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 77 Resp: 3818
Ion Ratio Lower Upper
77 100
97 15.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 1.087 ug/l m

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

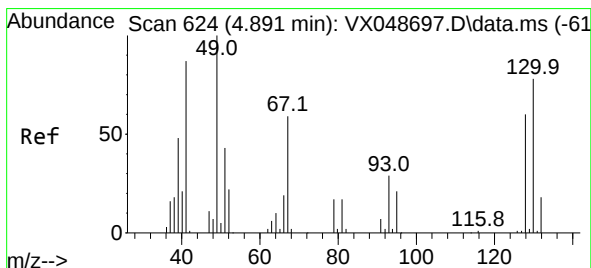
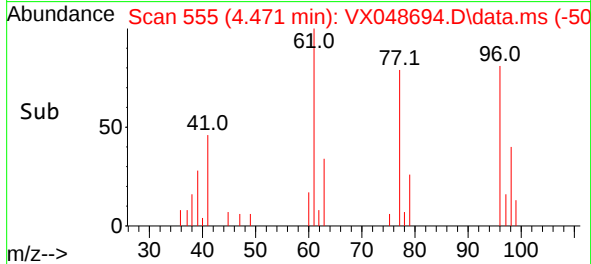
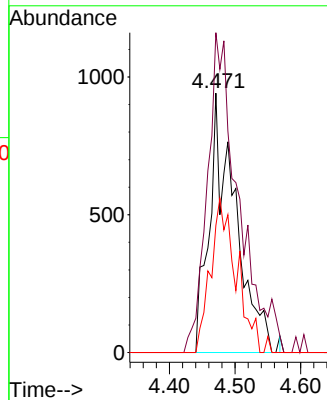
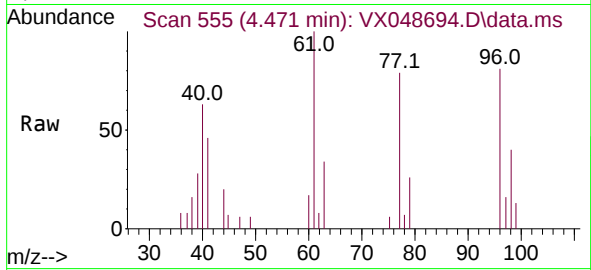
Tgt Ion: 96	Resp: 2619
Ion Ratio	Lower Upper
96 100	
61 147.0	0.0 291.6
98 58.0	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#28

Bromochloromethane

Concen: 0.975 ug/l

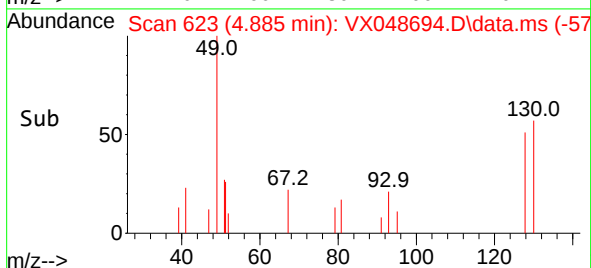
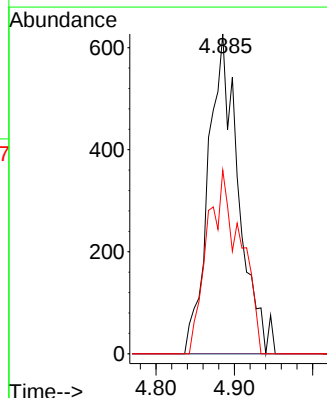
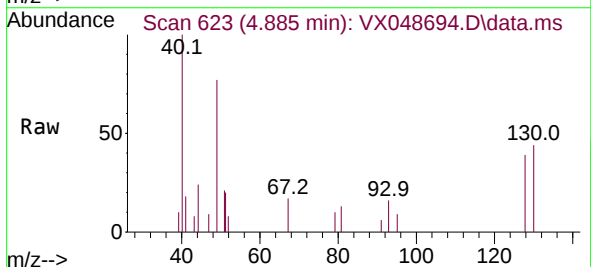
RT: 4.885 min Scan# 623

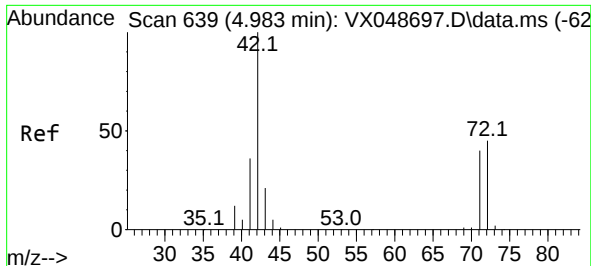
Delta R.T. -0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion: 49	Resp: 1685
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 63.2	61.8 92.8





#29

Tetrahydrofuran

Concen: 5.062 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

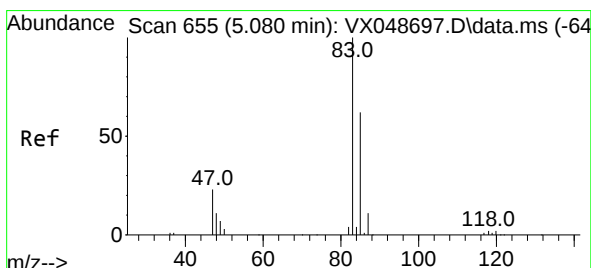
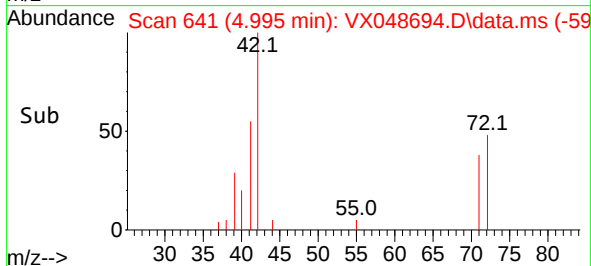
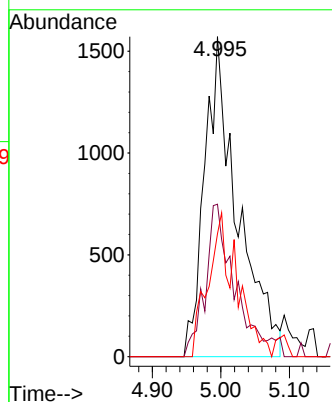
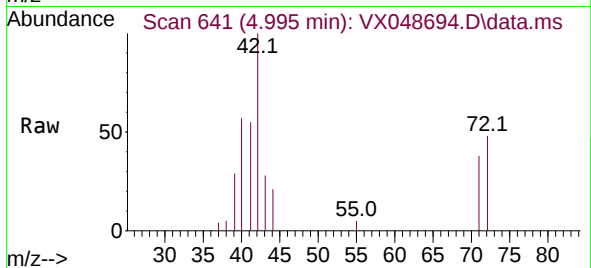
Tgt Ion:	42	Resp:	521
Ion	Ratio	Lower	Upper
42	100		
72	42.0	36.6	55.0
71	25.9	33.0	49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 1.012 ug/l

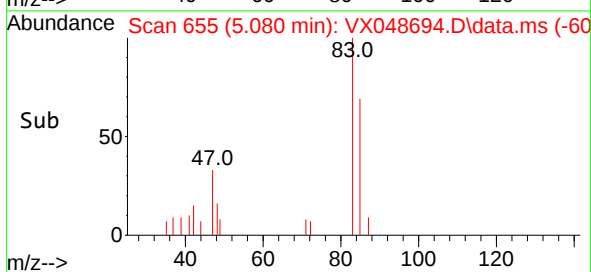
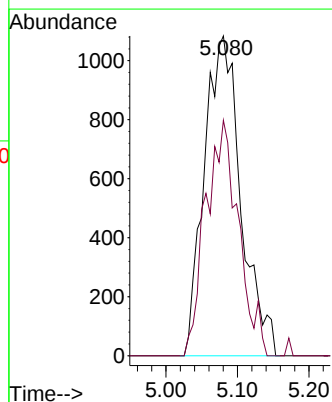
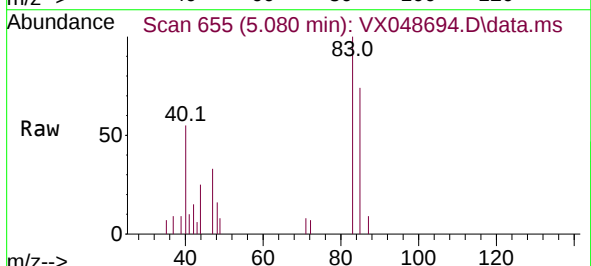
RT: 5.080 min Scan# 655

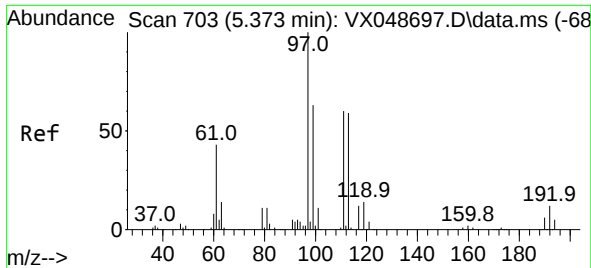
Delta R.T. 0.000 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion:	83	Resp:	3861
Ion	Ratio	Lower	Upper
83	100		
85	73.6	49.6	74.4





#32

1,1,1-Trichloroethane

Concen: 1.074 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 3684

Ion Ratio Lower Upper

97 100

99 0.0 50.2 75.4

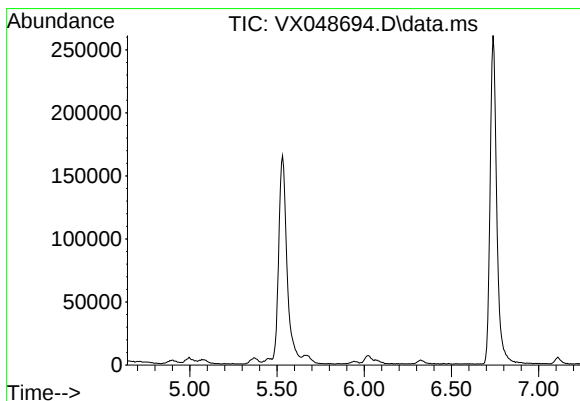
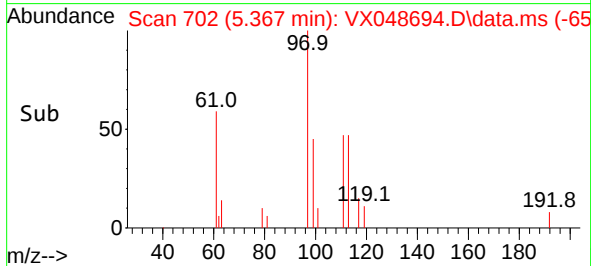
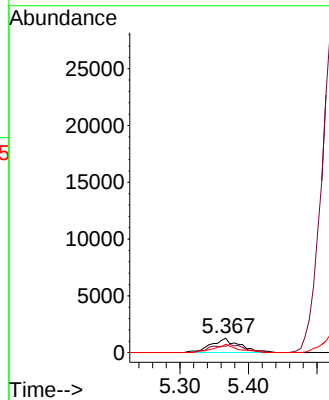
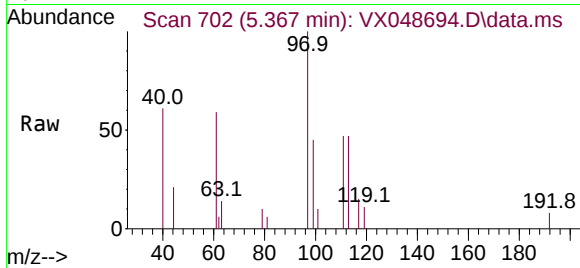
61 47.6 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.94 min

Lab File: VX048694.D

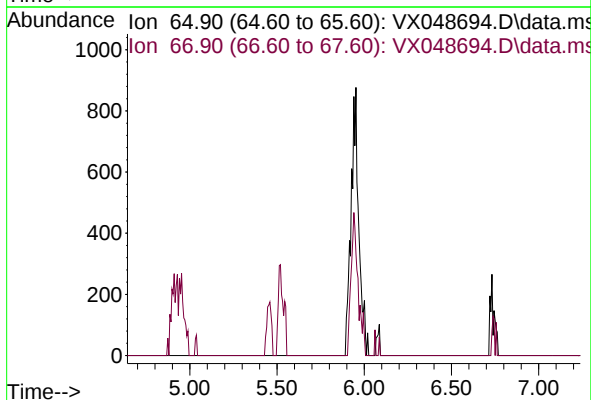
Acq: 03 Dec 2025 08:43

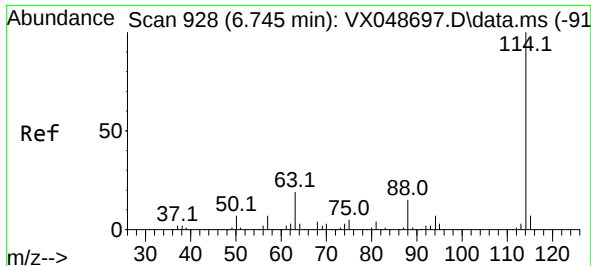
Tgt Ion: 65

Sig Exp Ratio

65 100

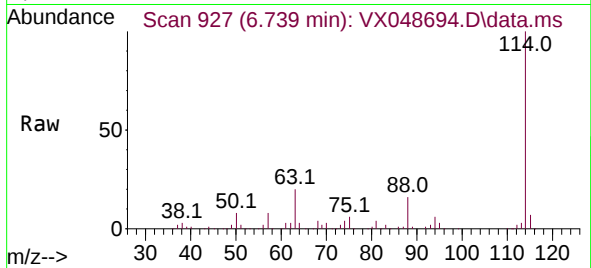
67 53.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

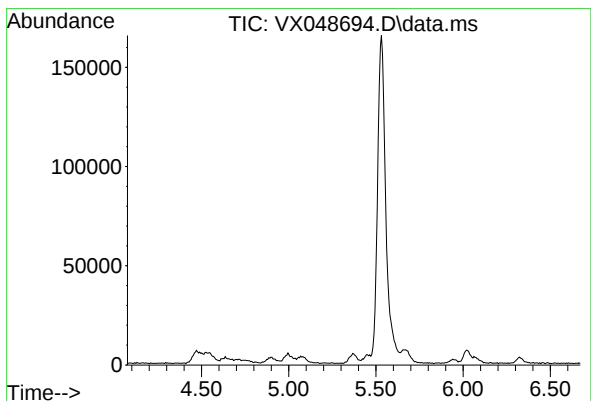
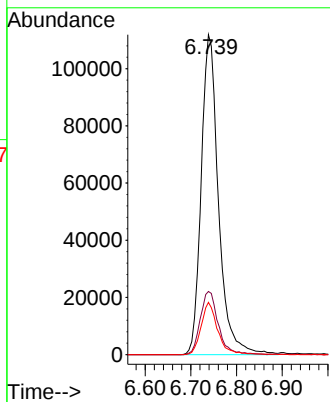
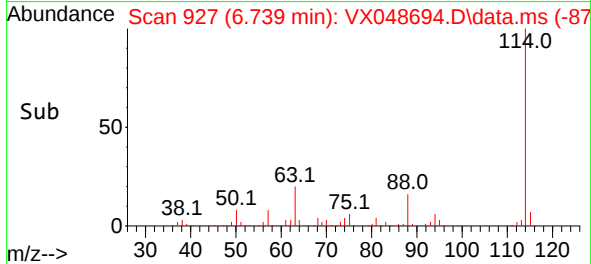
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:114 Resp: 293875
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.0
88 16.3 0.0 31.0

Manual Integrations
APPROVED

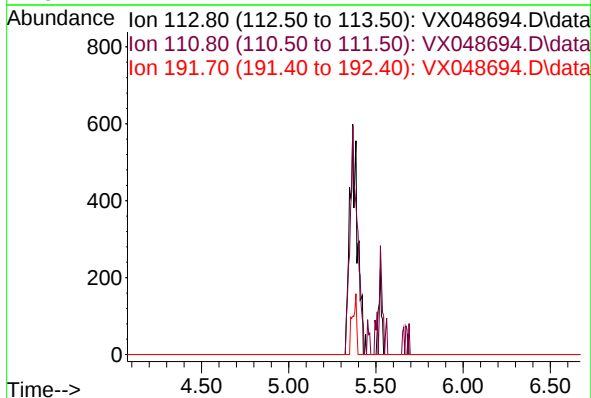
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

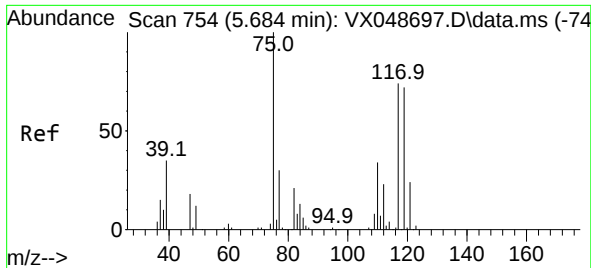


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.4
192 19.4





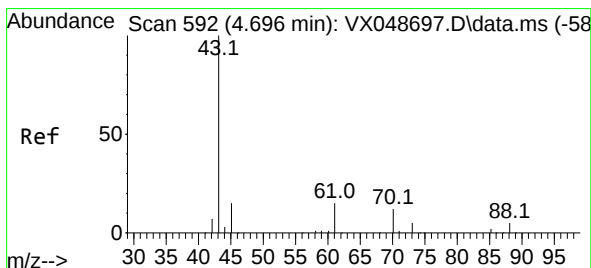
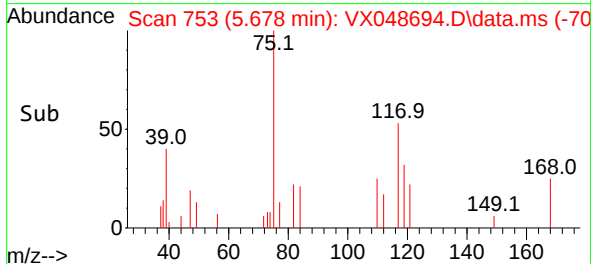
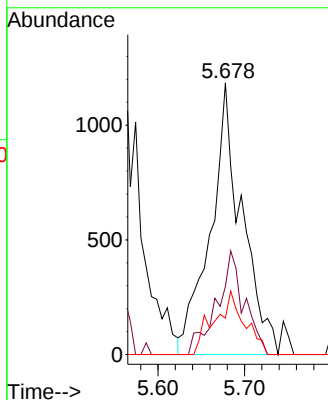
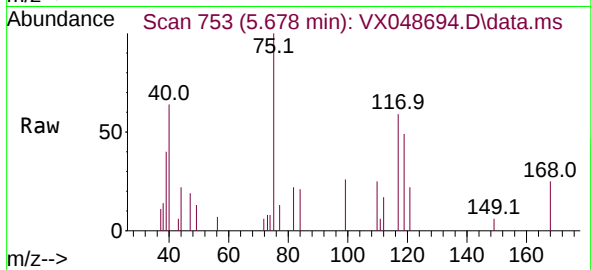
#36
1,1-Dichloropropene
Concen: 1.104 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75	Resp: 2989
Ion Ratio	Lower Upper
75 100	
110 33.3	17.3 51.9
77 22.4	24.9 37.3

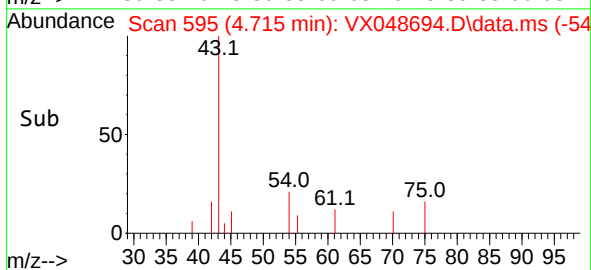
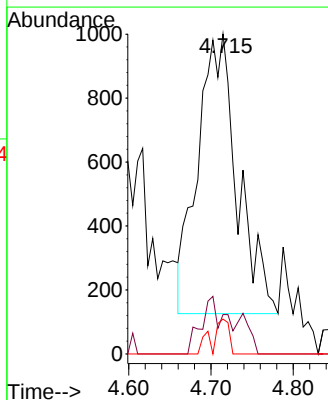
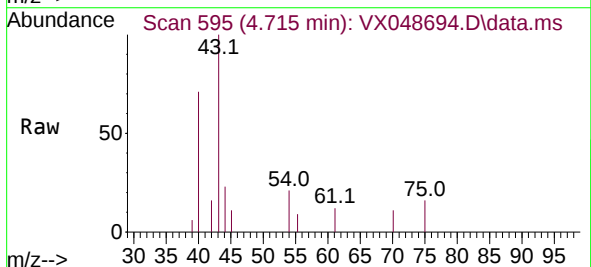
Manual Integrations
APPROVED

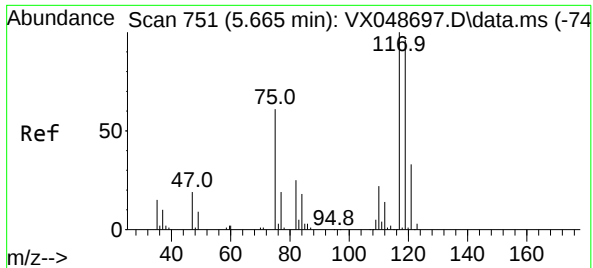
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#37
Ethyl Acetate
Concen: 0.823 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

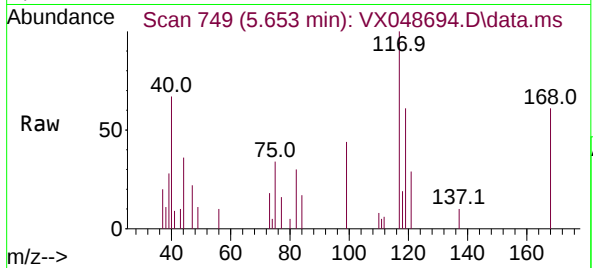
Tgt Ion: 43	Resp: 2942
Ion Ratio	Lower Upper
43 100	
61 0.0	9.4 14.0#
70 3.7	7.3 10.9#





#38
Carbon Tetrachloride
Concen: 1.111 ug/l
RT: 5.653 min Scan# 74
Delta R.T. -0.012 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

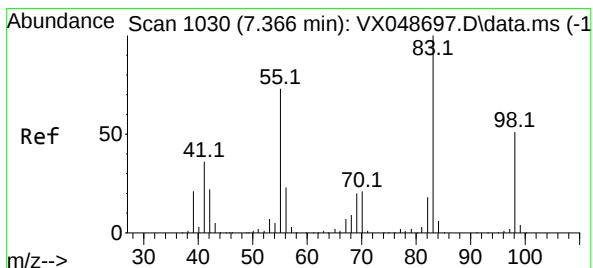
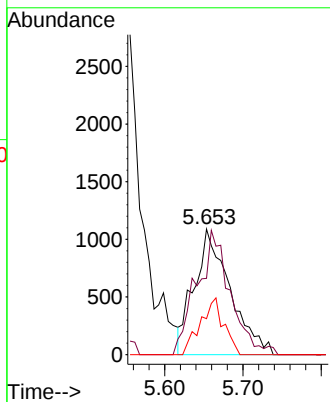
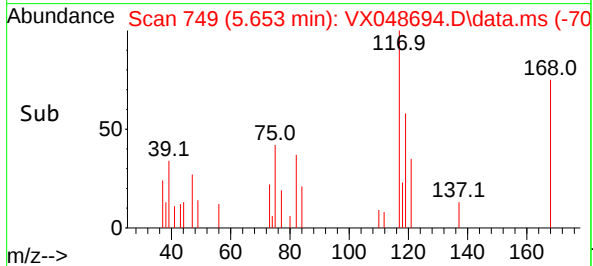
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



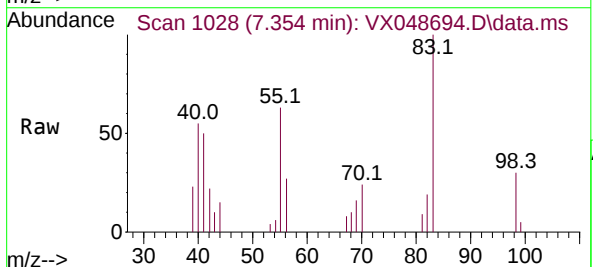
Tgt Ion:117 Resp: 3456
Ion Ratio Lower Upper
117 100
119 60.7 76.0 114.0
121 28.7 26.1 39.1

Manual Integrations
APPROVED

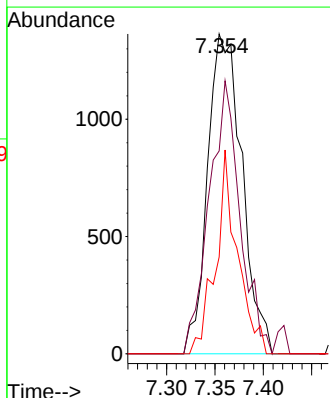
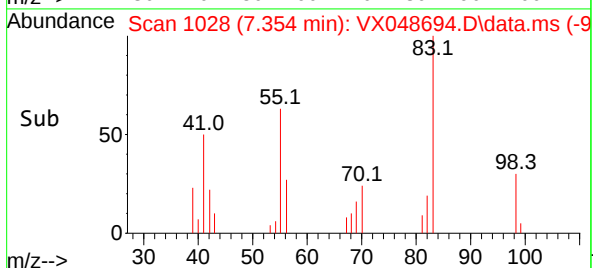
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

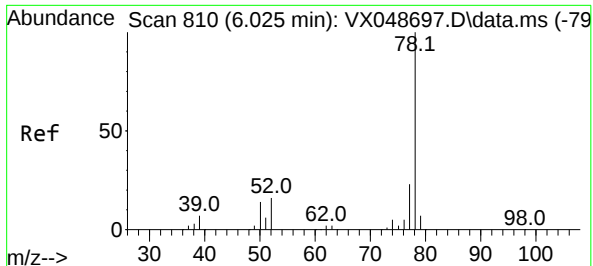


#39
Methylcyclohexane
Concen: 1.070 ug/l
RT: 7.354 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



Tgt Ion: 83 Resp: 3371
Ion Ratio Lower Upper
83 100
55 63.4 58.2 87.2
98 30.3 41.2 61.8#





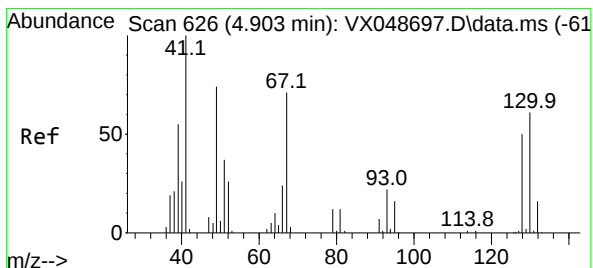
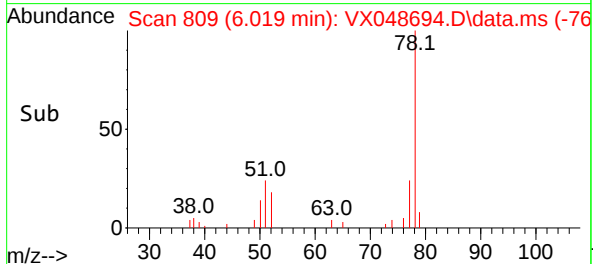
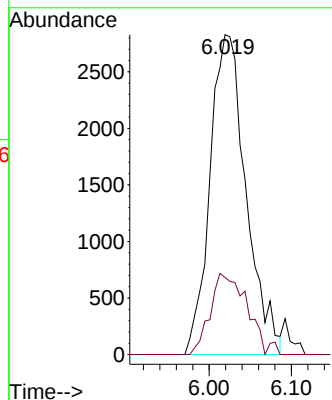
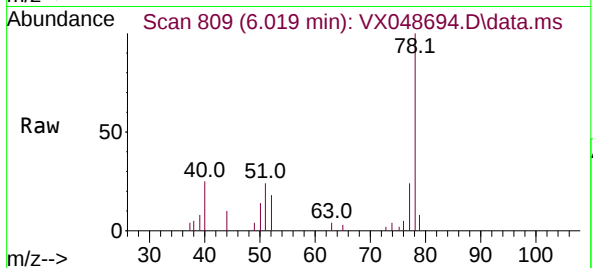
#40
Benzene
Concen: 1.084 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 8625
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7

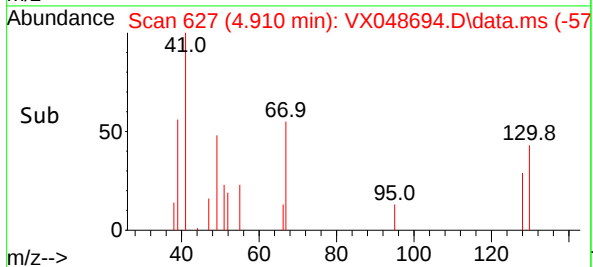
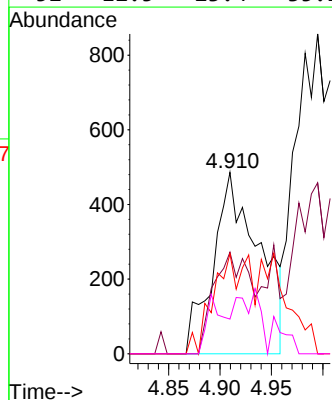
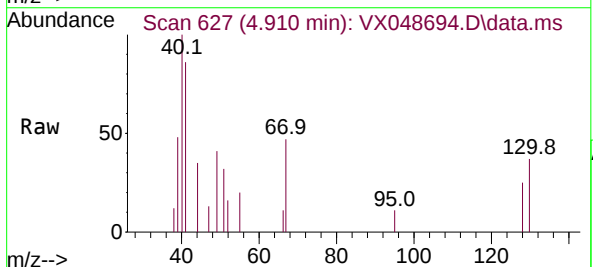
Manual Integrations
APPROVED

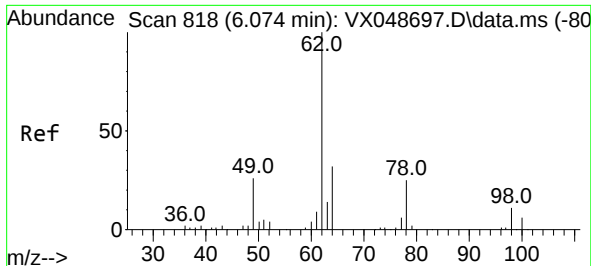
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#41
Methacrylonitrile
Concen: 0.977 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 41 Resp: 1520
Ion Ratio Lower Upper
41 100
39 43.2 44.9 67.3#
67 28.0 63.7 95.5#
52 12.5 23.4 35.2#





#42

1,2-Dichloroethane

Concen: 1.143 ug/l

RT: 6.062 min Scan# 816

Delta R.T. -0.012 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 3265

Ion Ratio Lower Upper

62 100

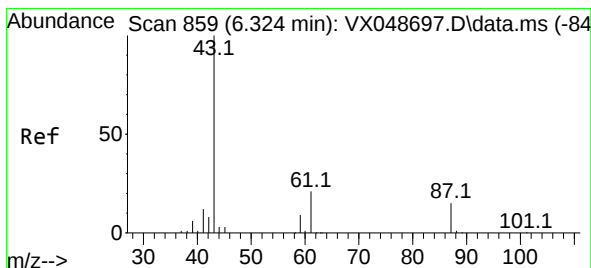
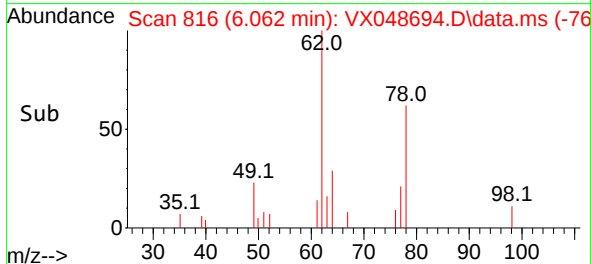
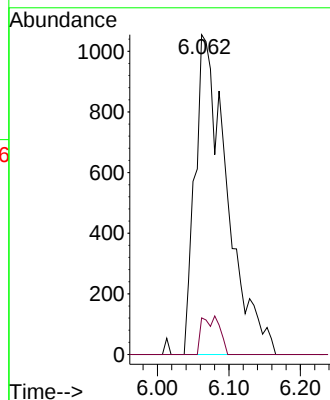
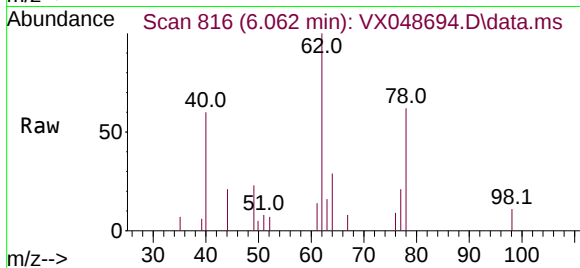
98 6.8 0.0 20.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#43

Isopropyl Acetate

Concen: 0.969 ug/l

RT: 6.324 min Scan# 859

Delta R.T. 0.000 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

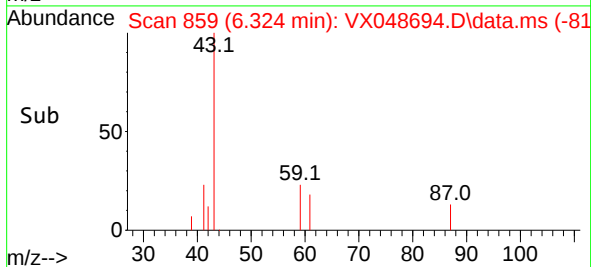
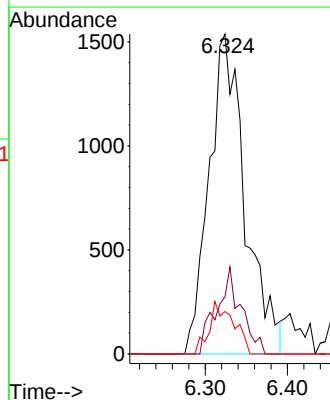
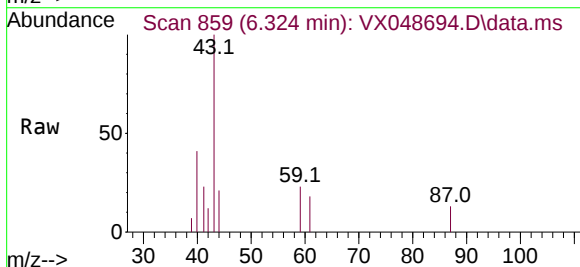
Tgt Ion: 43 Resp: 4678

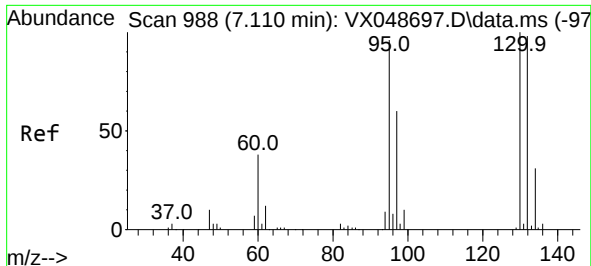
Ion Ratio Lower Upper

43 100

61 18.3 17.3 25.9

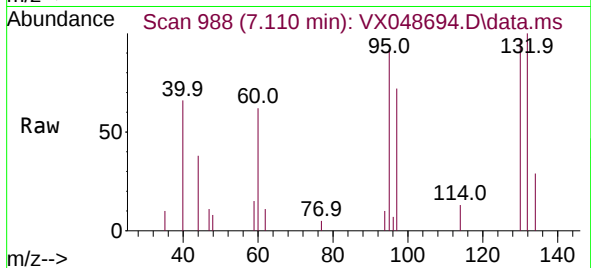
87 11.0 11.8 17.6#





#44
Trichloroethene
Concen: 1.077 ug/l
RT: 7.110 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

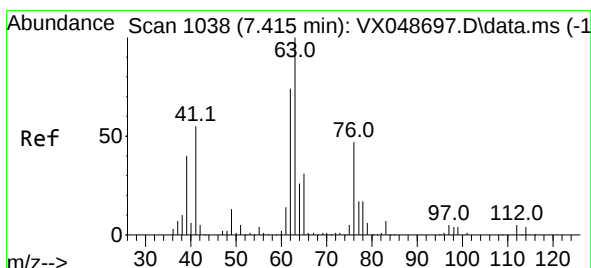
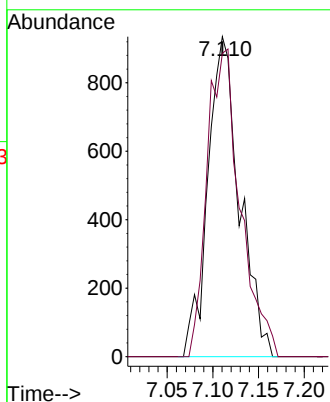
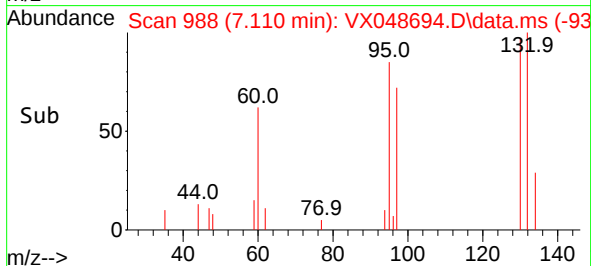
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



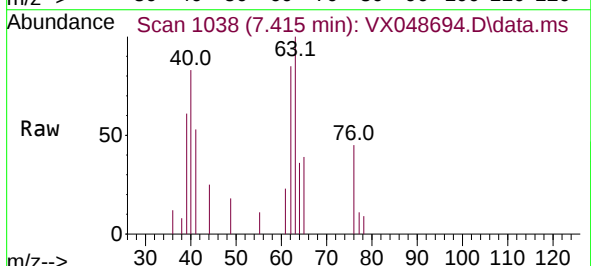
Tgt Ion:130 Resp: 2256
Ion Ratio Lower Upper
130 100
95 94.8 0.0 192.0

Manual Integrations
APPROVED

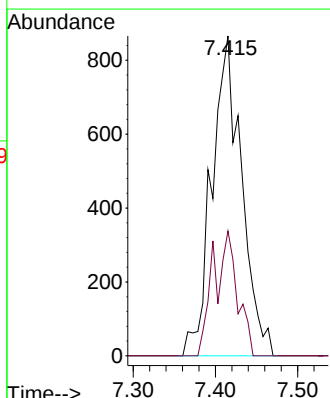
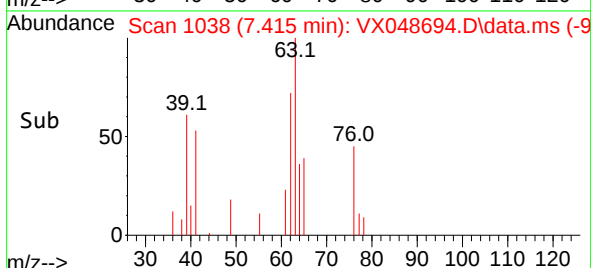
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

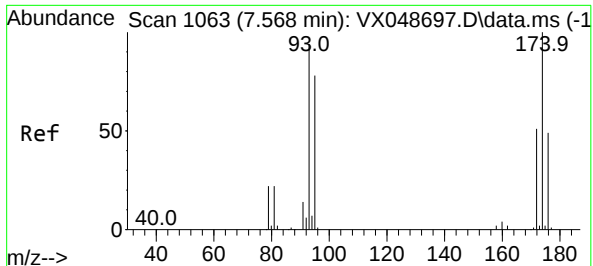


#45
1,2-Dichloropropane
Concen: 1.119 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



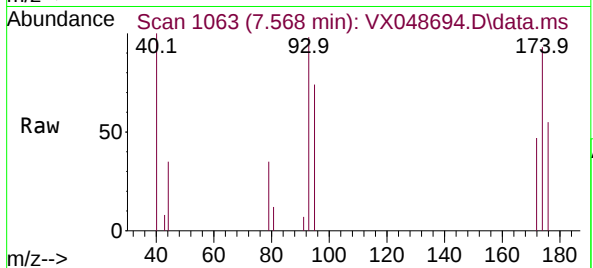
Tgt Ion: 63 Resp: 2175
Ion Ratio Lower Upper
63 100
65 39.0 25.2 37.8#





#46
Dibromomethane
Concen: 1.009 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

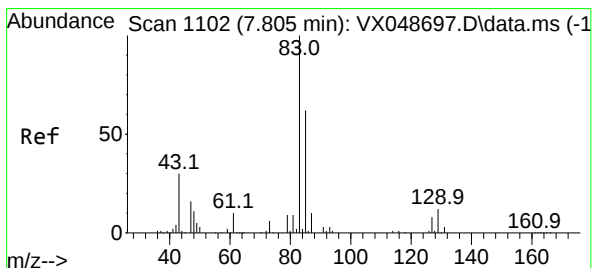
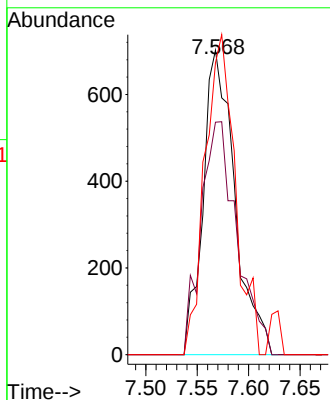
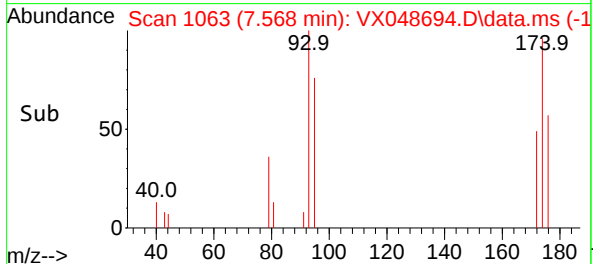
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



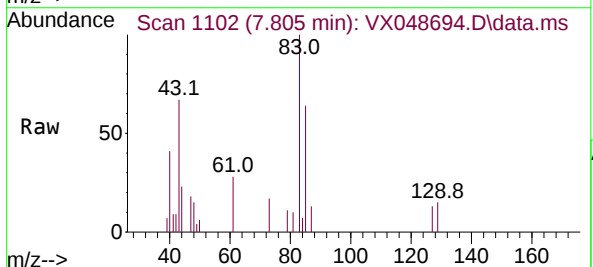
Tgt Ion: 93 Resp: 1509
Ion Ratio Lower Upper
93 100
95 86.3 66.2 99.2
174 99.3 86.1 129.1

Manual Integrations
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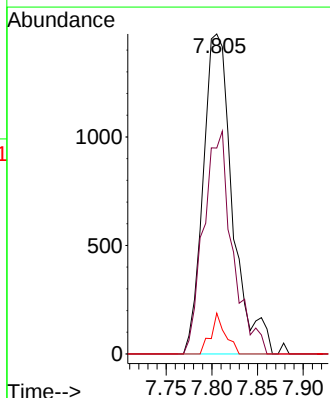
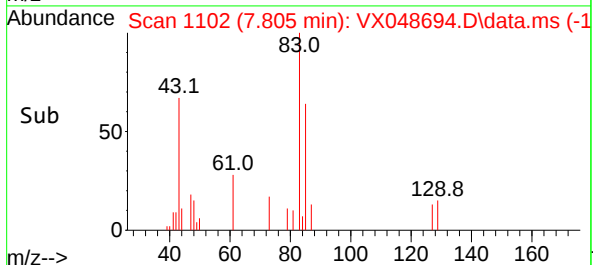
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

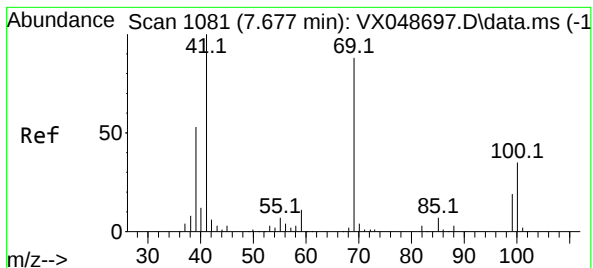


#47
Bromodichloromethane
Concen: 1.076 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



Tgt Ion: 83 Resp: 3300
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.8
127 12.7 6.7 10.1





#48

Methyl methacrylate

Concen: 0.999 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

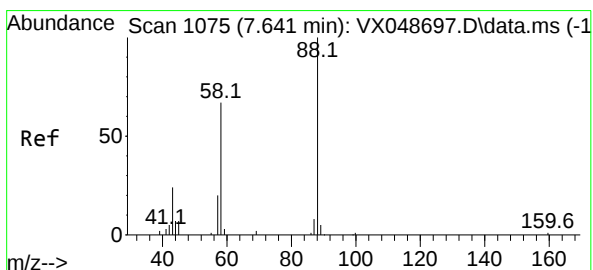
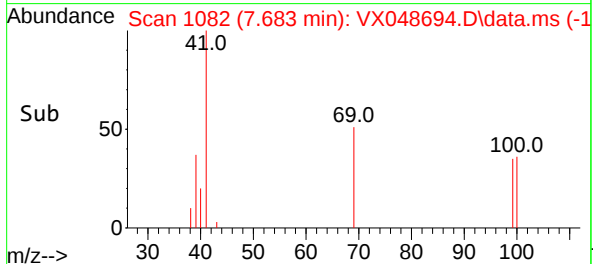
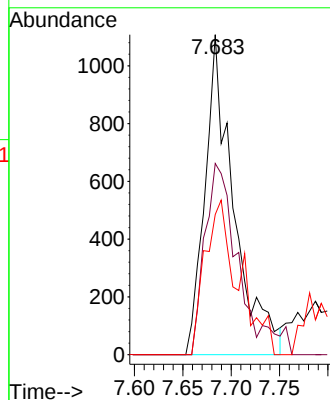
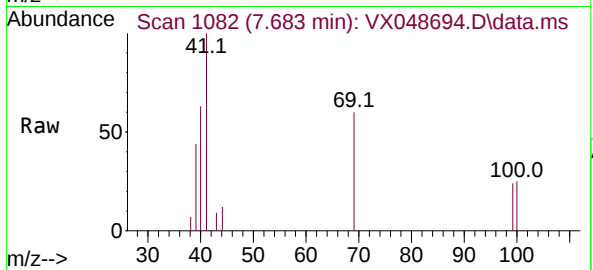
Tgt Ion:	41	Resp:	230
Ion Ratio	Lower	Upper	
41	100		
69	69.7	70.9	106.3
39	56.4	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#49

1,4-Dioxane

Concen: 17.166 ug/l

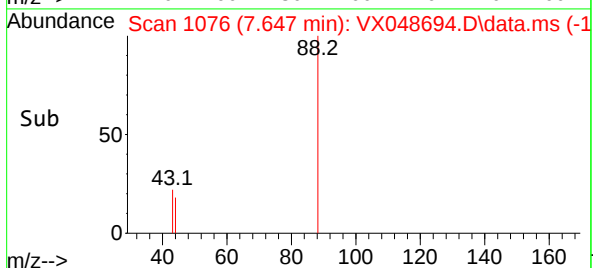
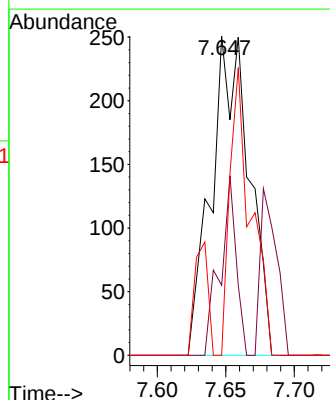
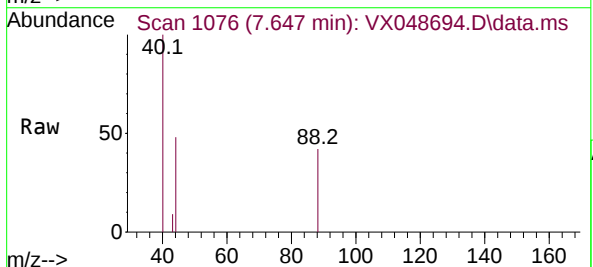
RT: 7.647 min Scan# 1076

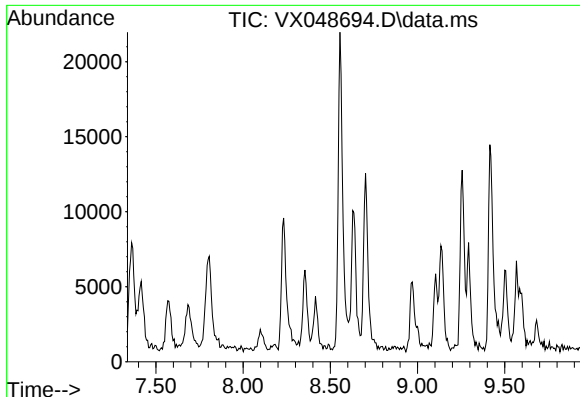
Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion:	88	Resp:	484
Ion Ratio	Lower	Upper	
88	100		
43	24.0	27.9	41.9
58	49.6	54.9	82.3





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.63 min

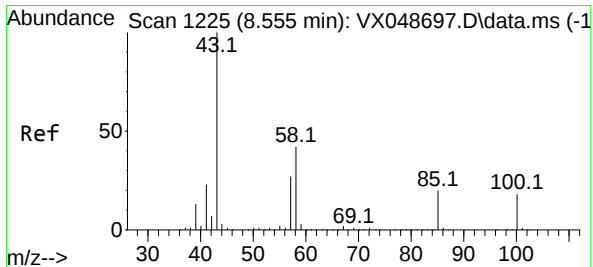
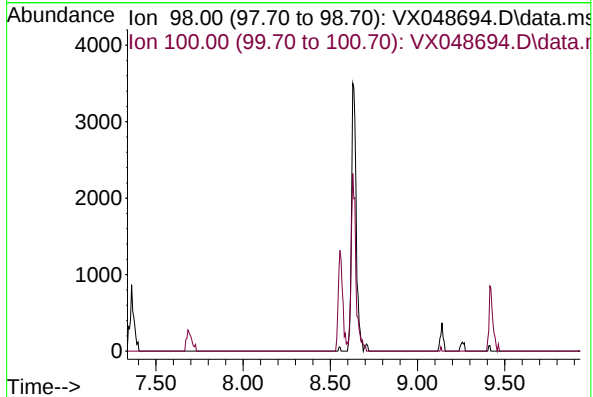
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.8

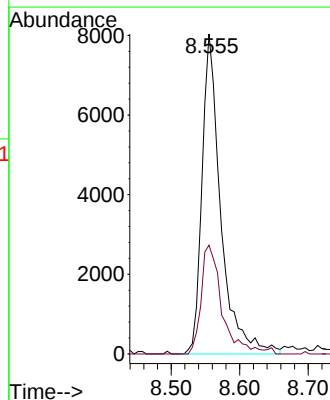
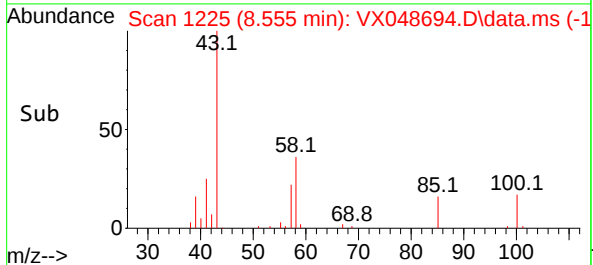
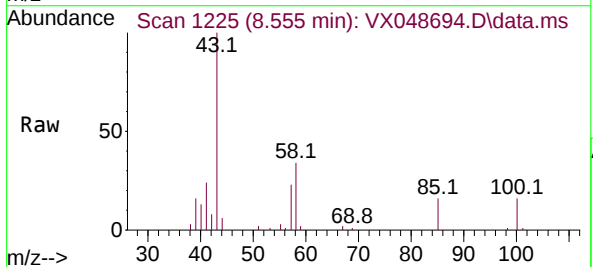
Manual Integrations APPROVED

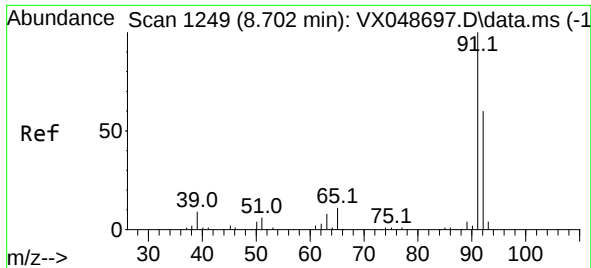
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#51
4-Methyl-2-Pentanone
Concen: 5.002 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

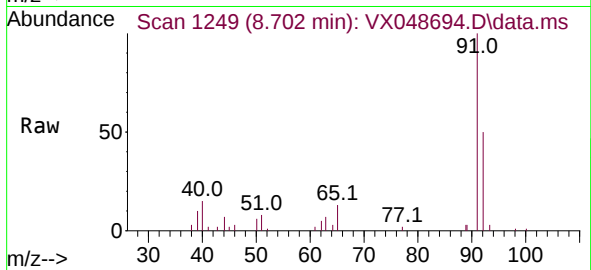
Tgt Ion: 43 Resp: 15212
Ion Ratio Lower Upper
43 100
58 38.0 33.6 50.4





#52
Toluene
Concen: 0.972 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

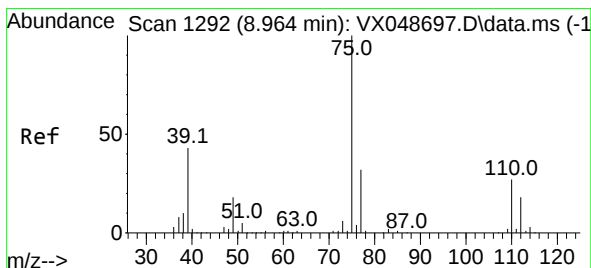
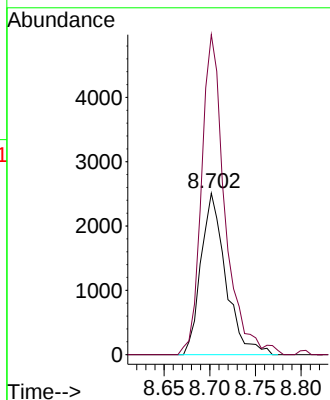
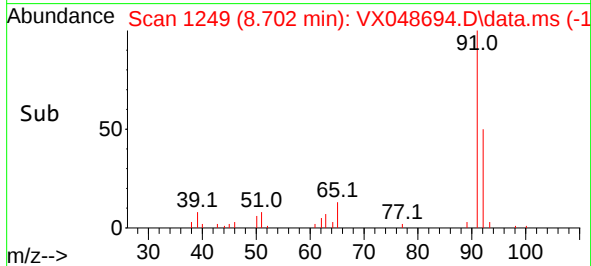
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



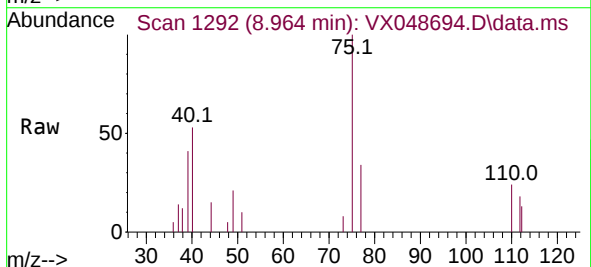
Tgt Ion: 92 Resp: 4745
Ion Ratio Lower Upper
92 100
91 187.3 134.7 202.1

Manual Integrations
APPROVED

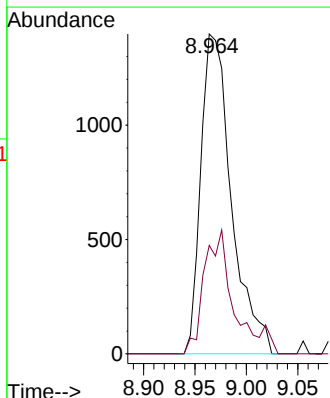
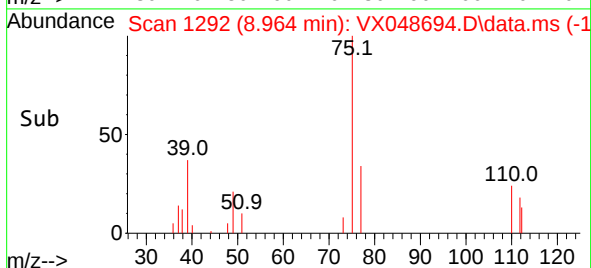
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

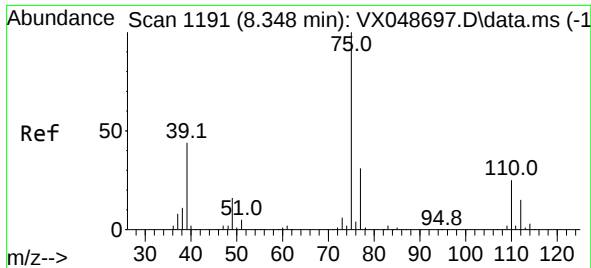


#53
t-1,3-Dichloropropene
Concen: 0.949 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



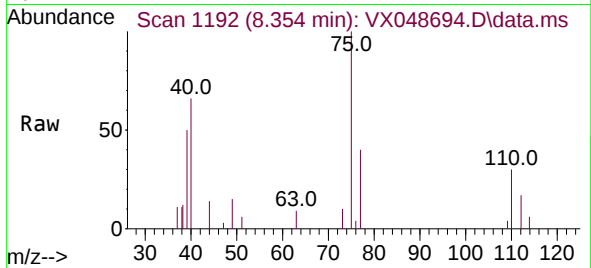
Tgt Ion: 75 Resp: 2897
Ion Ratio Lower Upper
75 100
77 33.9 25.9 38.9





#54
cis-1,3-Dichloropropene
Concen: 0.960 ug/l
RT: 8.354 min Scan# 1191
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

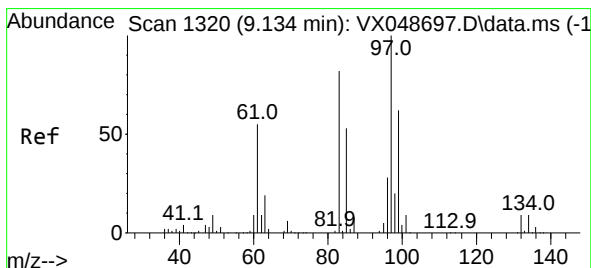
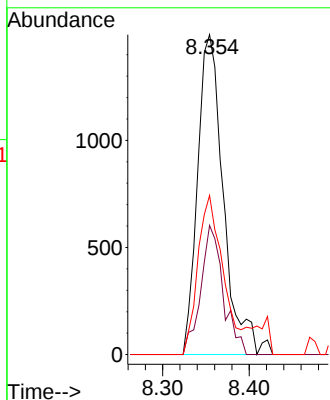
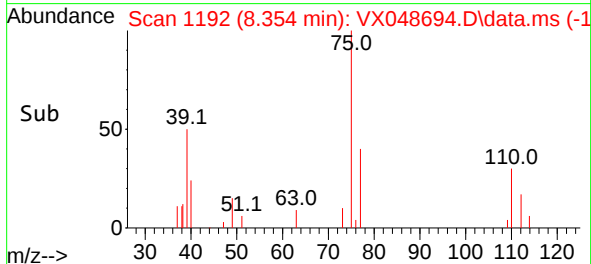
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 310
Ion Ratio Lower Upper
75 100
77 40.4 25.1 37.7
39 49.7 35.2 52.8

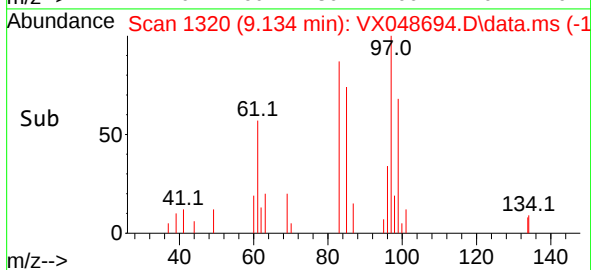
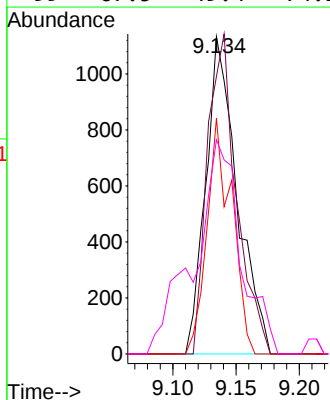
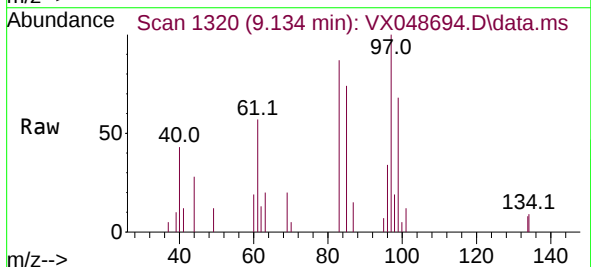
Manual Integrations
APPROVED

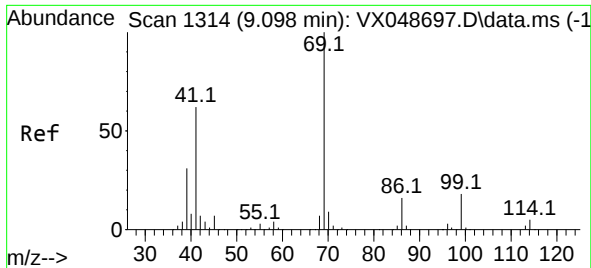
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#55
1,1,2-Trichloroethane
Concen: 1.009 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

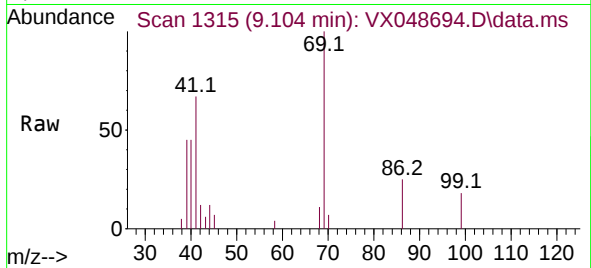
Tgt Ion: 97 Resp: 1953
Ion Ratio Lower Upper
97 100
83 87.5 65.8 98.6
85 74.2 42.5 63.7
99 67.5 49.4 74.2





#56
Ethyl methacrylate
Concen: 0.891 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

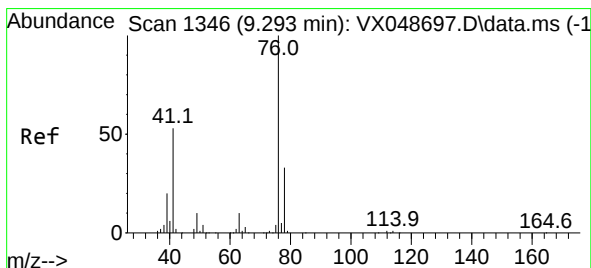
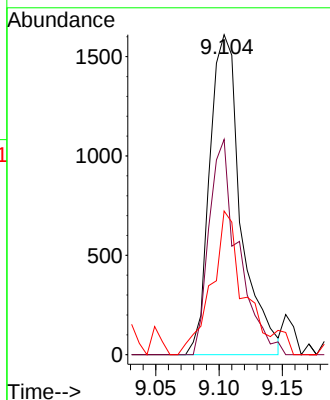
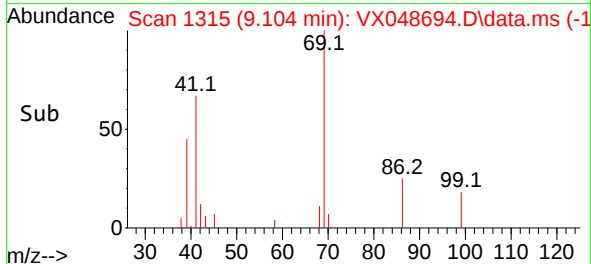
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 2764
Ion Ratio Lower Upper
69 100
41 62.8 49.0 73.6
39 48.6 25.1 37.7

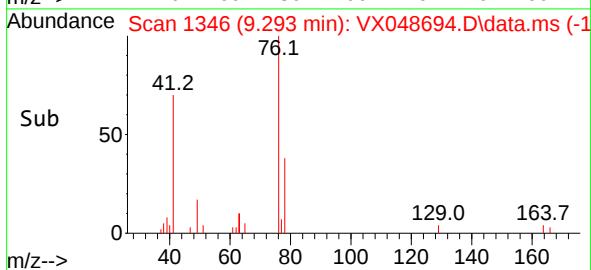
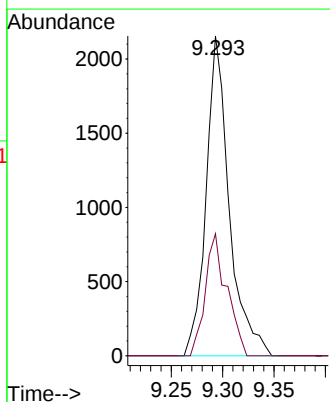
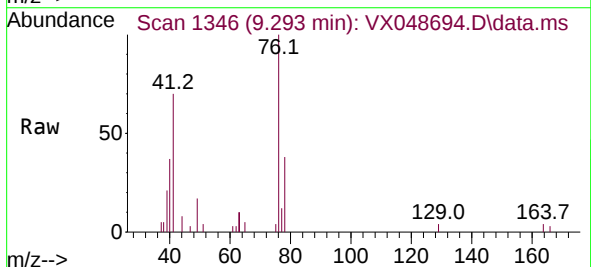
Manual Integrations
APPROVED

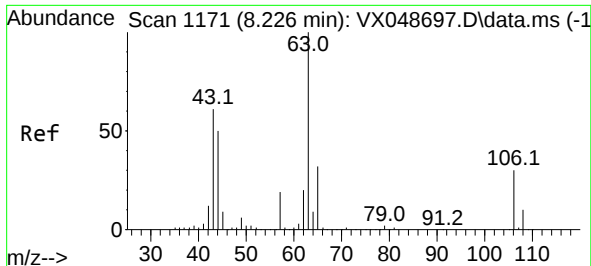
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#57
1,3-Dichloropropane
Concen: 1.034 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 76 Resp: 3367
Ion Ratio Lower Upper
76 100
78 35.5 26.5 39.7





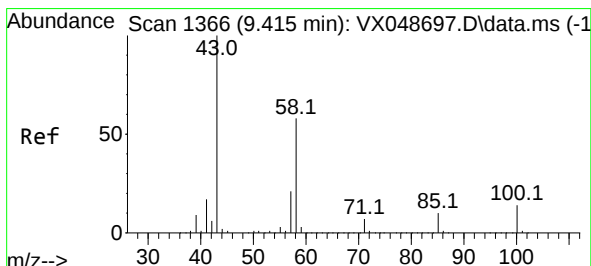
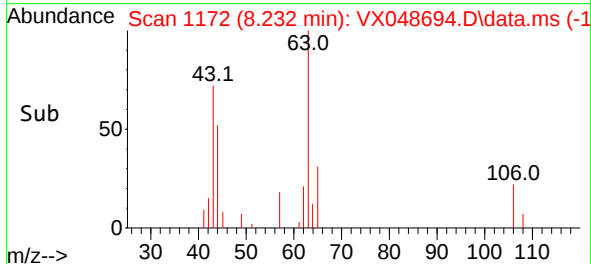
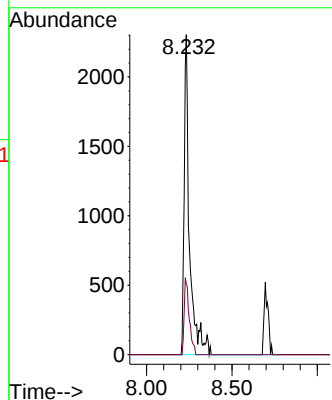
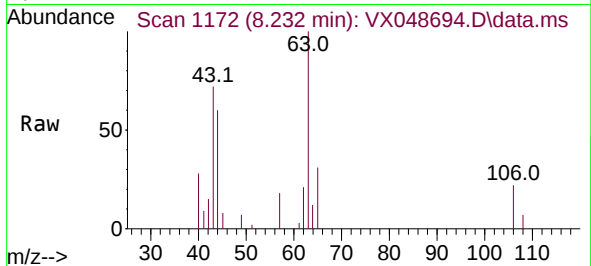
#58
2-Chloroethyl Vinyl ether
Concen: 3.649 ug/l m
RT: 8.232 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 5833
Ion Ratio Lower Upper
63 100
106 19.3 24.6 37.0

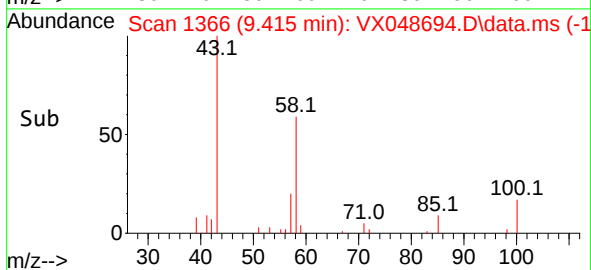
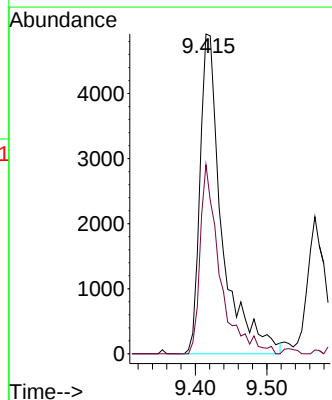
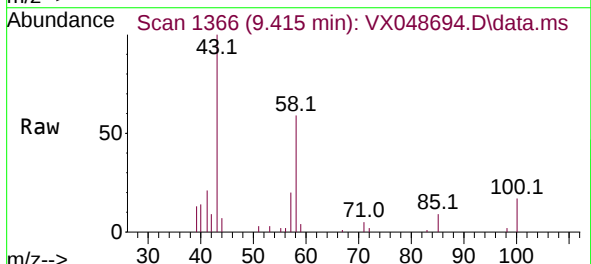
Manual Integrations
APPROVED

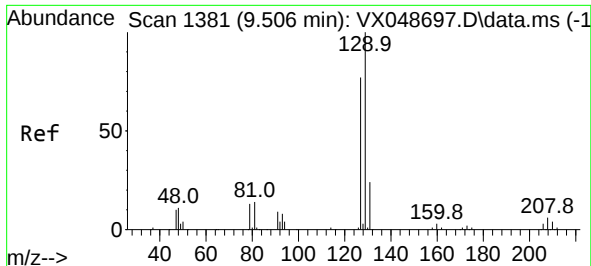
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#59
2-Hexanone
Concen: 4.816 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 43 Resp: 10509
Ion Ratio Lower Upper
43 100
58 53.0 28.8 86.5





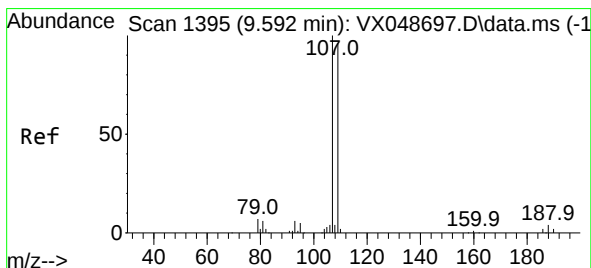
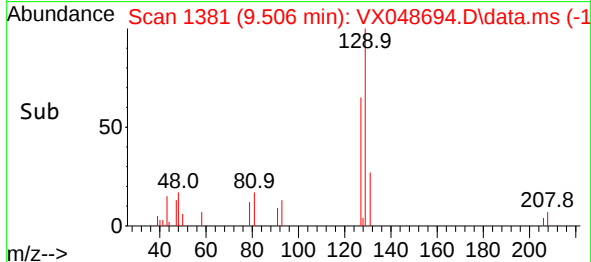
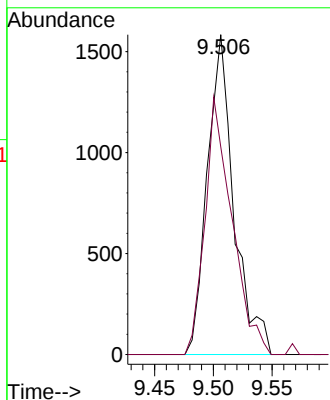
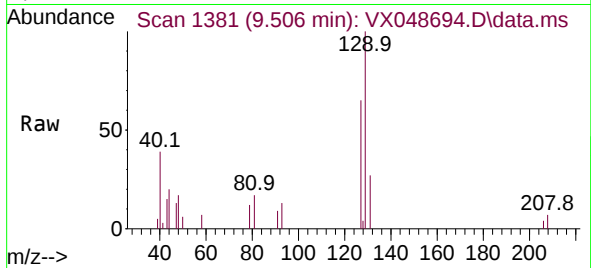
#60
Dibromochloromethane
Concen: 1.033 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 2494
Ion Ratio Lower Upper
129 100
127 82.0 38.0 113.9

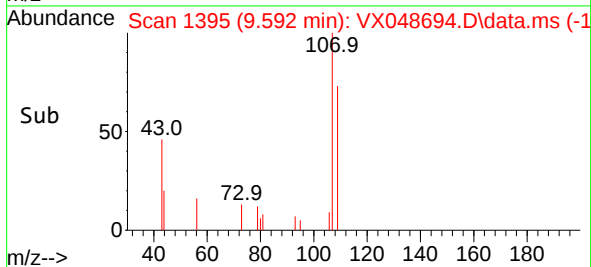
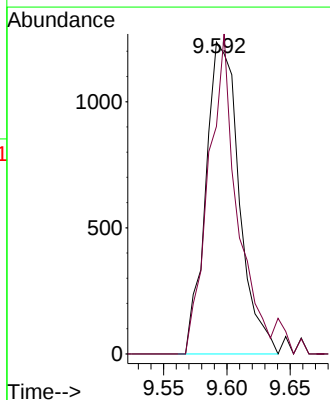
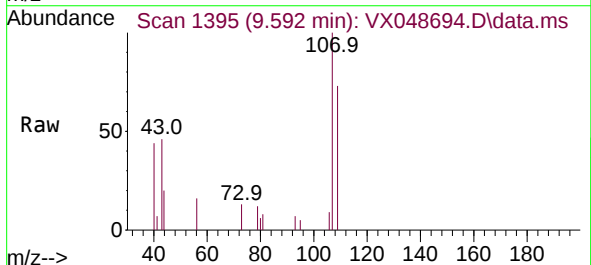
Manual Integrations
APPROVED

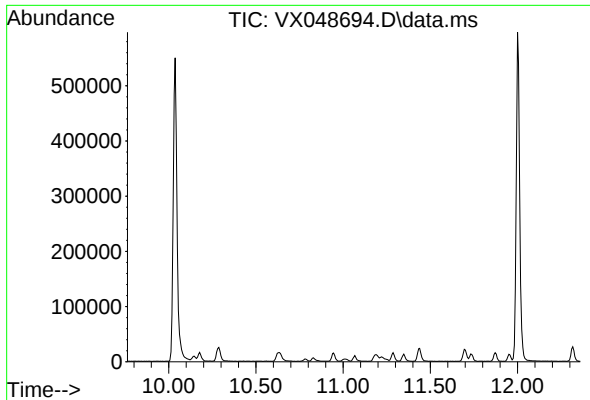
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#61
1,2-Dibromoethane
Concen: 1.062 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion:107 Resp: 2273
Ion Ratio Lower Upper
107 100
109 92.6 75.5 113.3





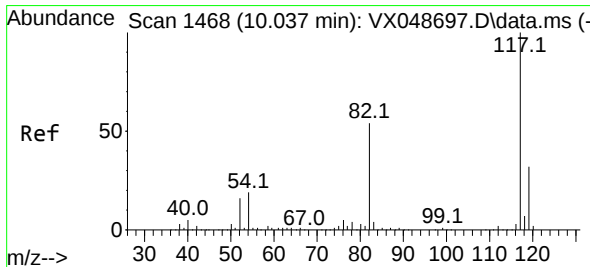
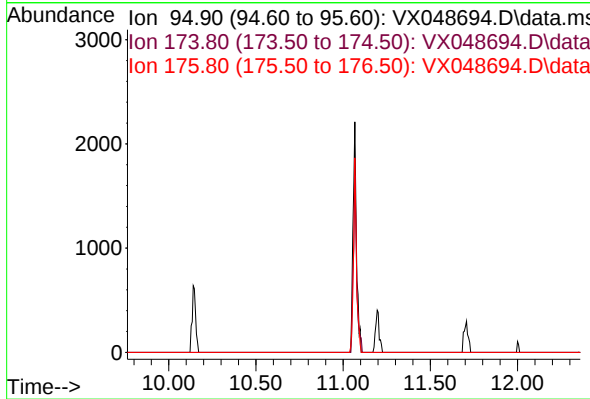
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.06 min
 Lab File: VX048694.D
 Acq: 03 Dec 2025 08:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 82.3
 176 81.5

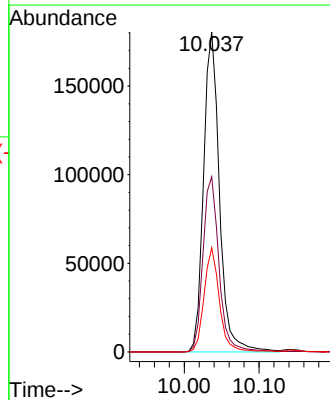
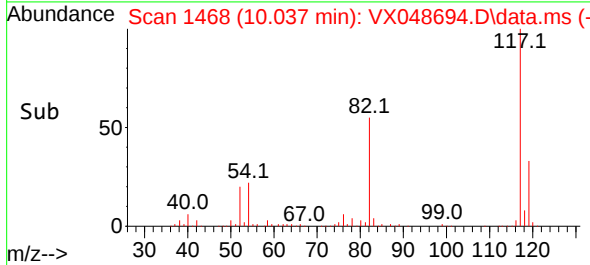
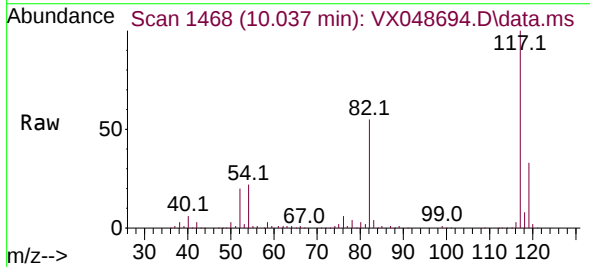
Manual Integrations
 APPROVED

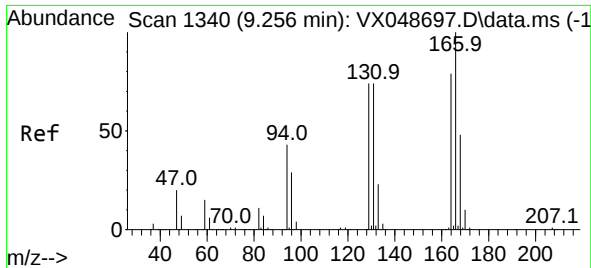
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.037 min Scan# 1468
 Delta R.T. 0.000 min
 Lab File: VX048694.D
 Acq: 03 Dec 2025 08:43

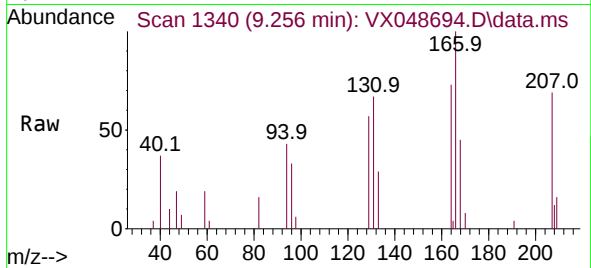
Tgt Ion:117 Resp: 266874
 Ion Ratio Lower Upper
 117 100
 82 54.7 42.9 64.3
 119 32.5 25.3 37.9





#64
Tetrachloroethene
Concen: 1.156 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

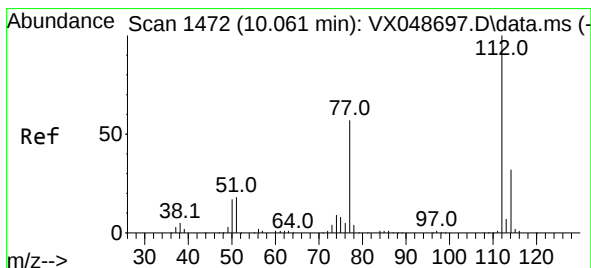
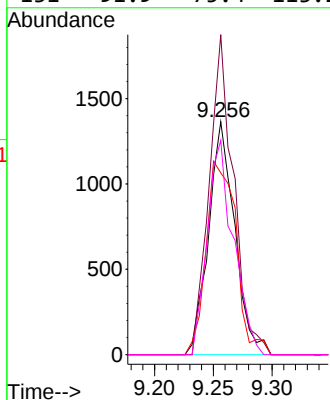
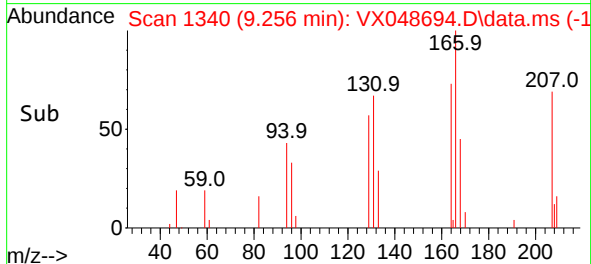
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 2119
Ion Ratio Lower Upper
164 100
166 137.4 101.4 152.2
129 78.0 75.5 113.3
131 91.9 75.4 113.2

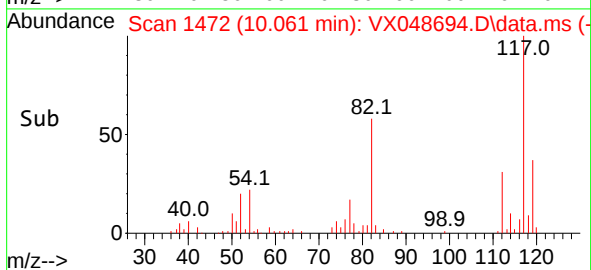
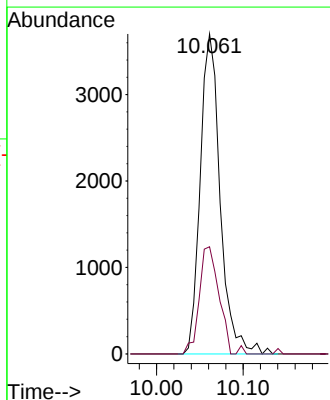
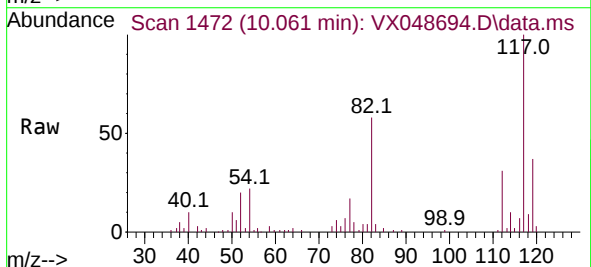
Manual Integrations
APPROVED

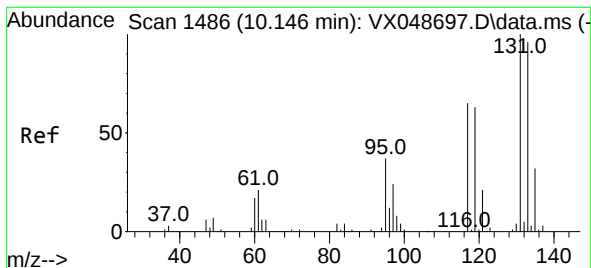
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#65
Chlorobenzene
Concen: 1.047 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

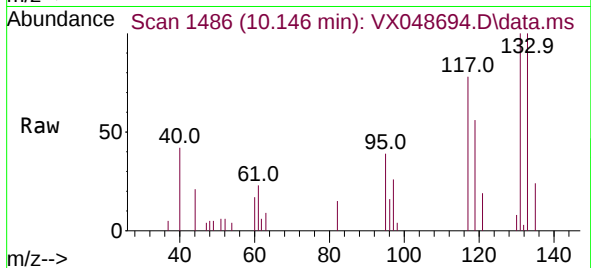
Tgt Ion:112 Resp: 5918
Ion Ratio Lower Upper
112 100
114 33.5 25.6 38.4





#66
1,1,1,2-Tetrachloroethane
Concen: 1.045 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

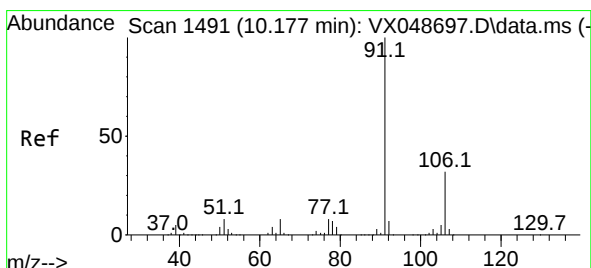
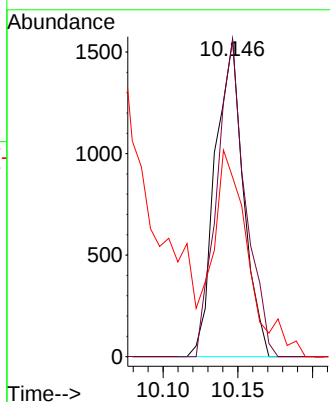
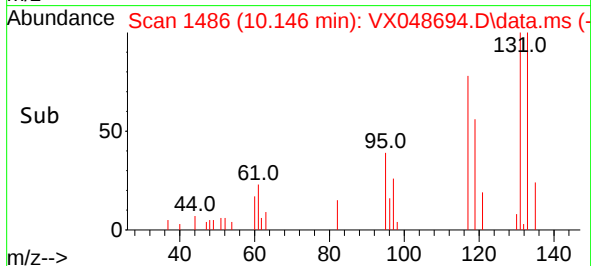
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



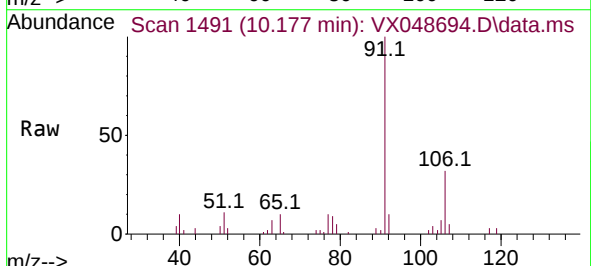
Tgt Ion:131 Resp: 2056
Ion Ratio Lower Upper
131 100
133 101.7 48.0 144.0
119 0.0 32.1 96.5

Manual Integrations
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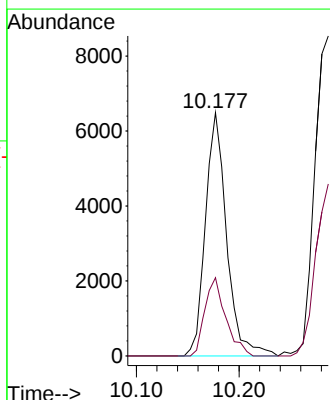
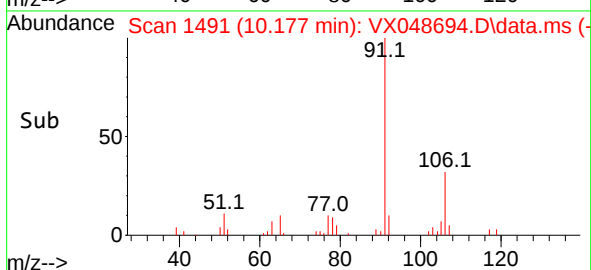
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

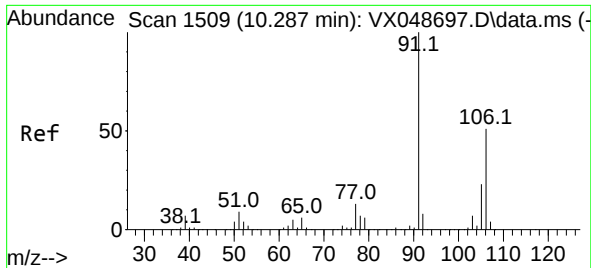


#67
Ethyl Benzene
Concen: 1.003 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



Tgt Ion: 91 Resp: 9314
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4





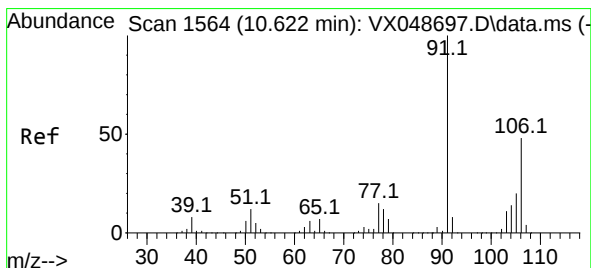
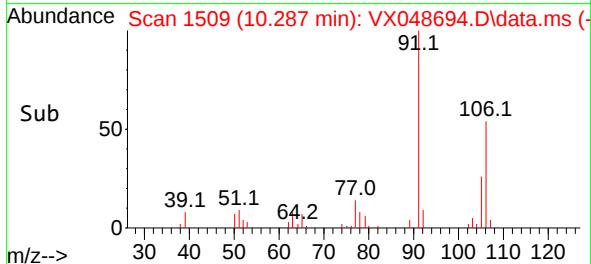
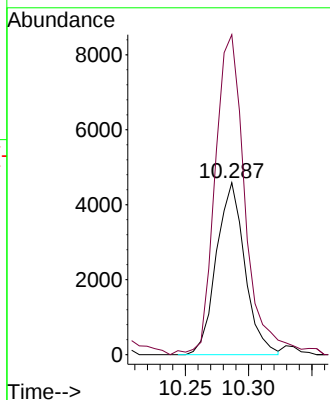
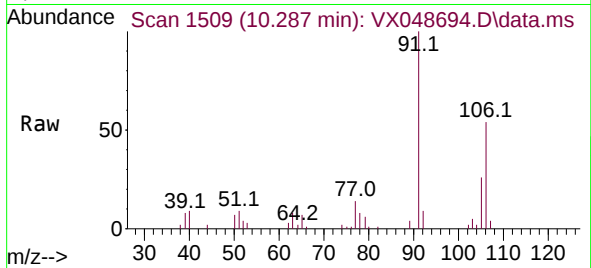
#68
m/p-Xylenes
Concen: 2.008 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 7183
Ion Ratio Lower Upper
106 100
91 197.0 161.0 241.6

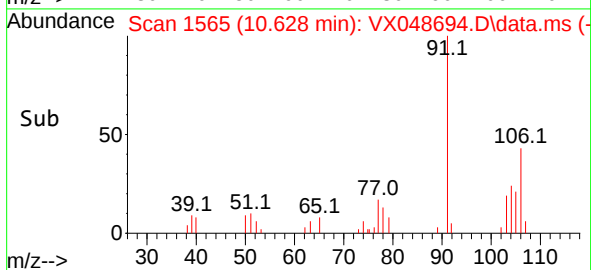
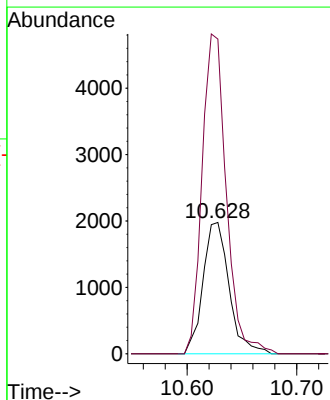
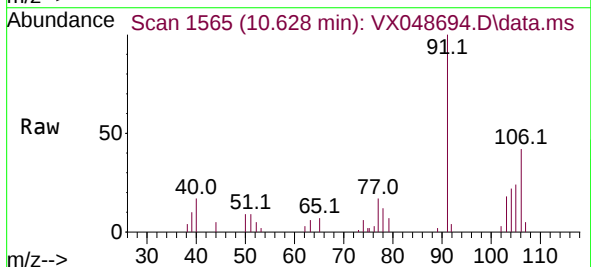
Manual Integrations
APPROVED

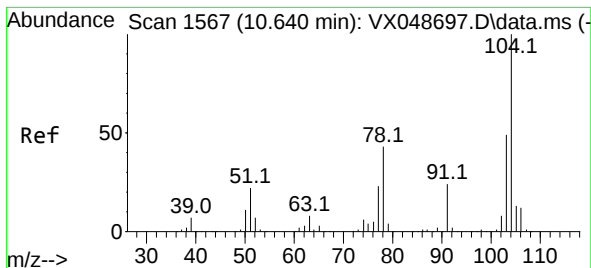
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#69
o-Xylene
Concen: 0.951 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion:106 Resp: 3277
Ion Ratio Lower Upper
106 100
91 225.5 106.1 318.3





#70

Styrene

Concen: 0.877 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

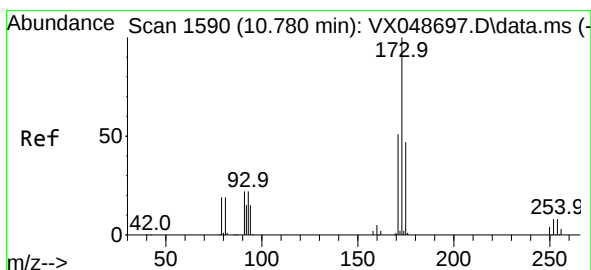
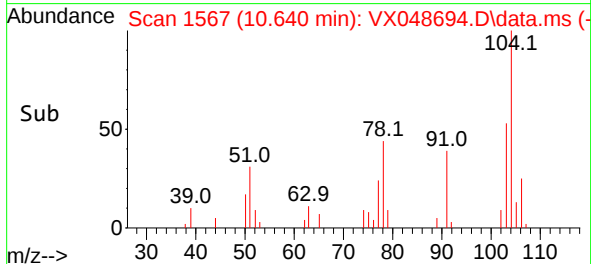
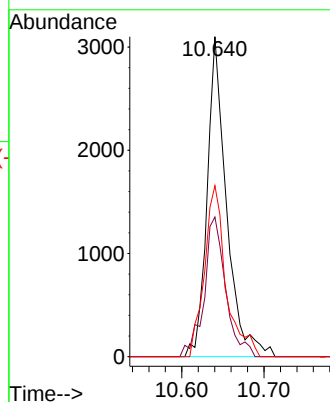
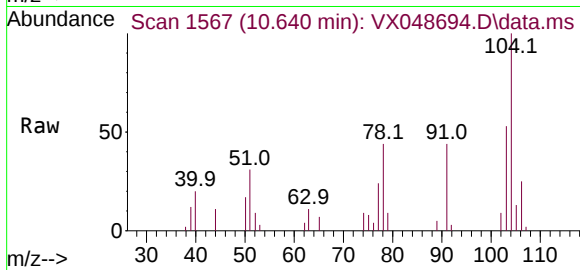
Tgt Ion:104	Resp:	5079
Ion Ratio	Lower	Upper
104	100	
78	48.2	39.2 58.8
103	59.3	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#71

Bromoform

Concen: 1.027 ug/l

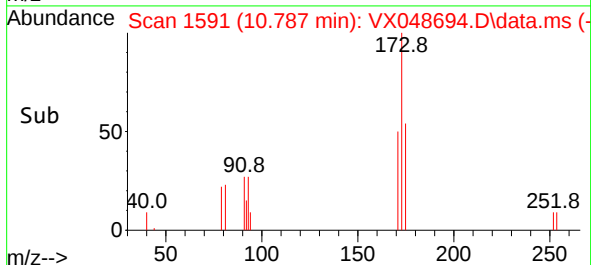
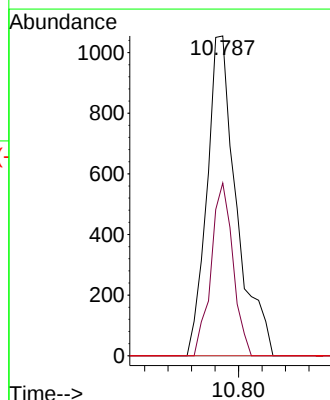
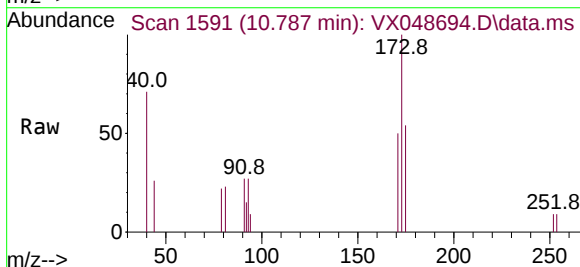
RT: 10.787 min Scan# 1591

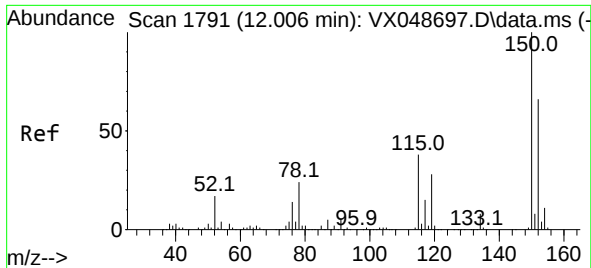
Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

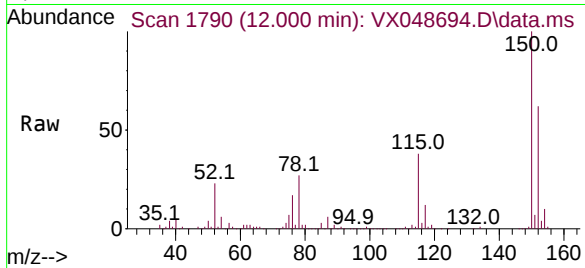
Tgt Ion:173	Resp:	1839
Ion Ratio	Lower	Upper
173	100	
175	40.0	24.3 72.8
254	0.0	0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

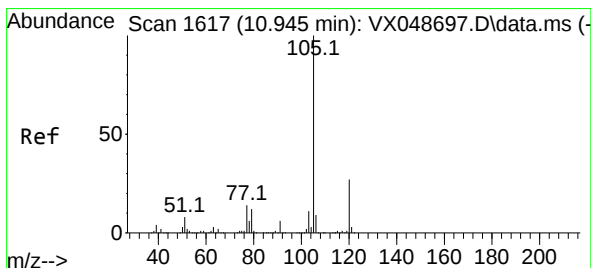
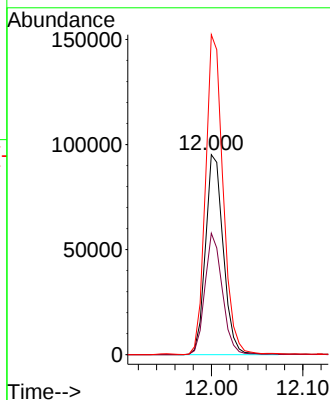
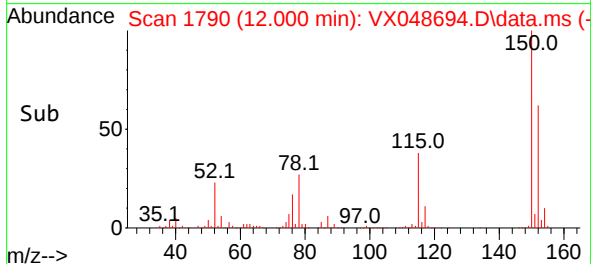
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:152 Resp: 128840
Ion Ratio Lower Upper
152 100
115 59.1 39.6 119.0
150 158.0 0.0 345.4

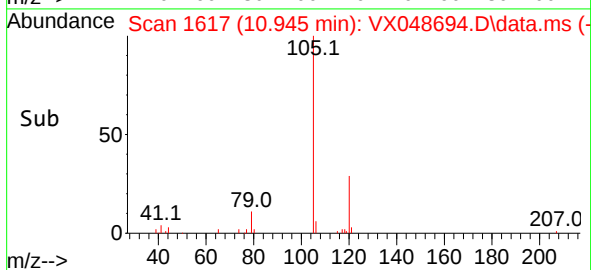
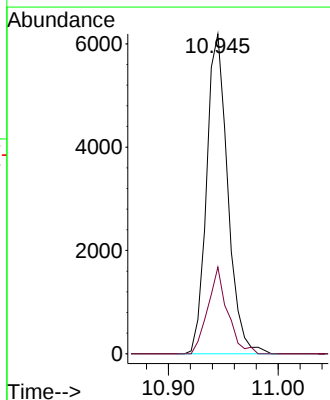
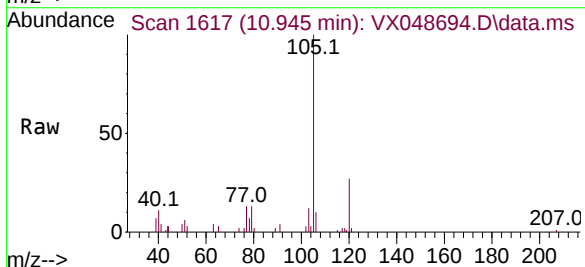
Manual Integrations
APPROVED

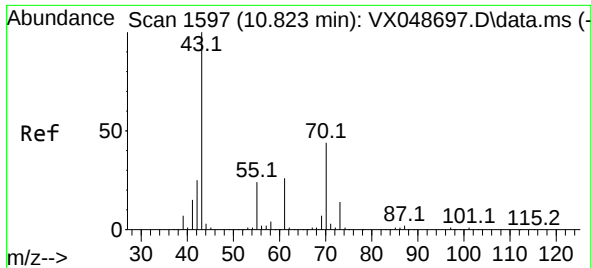
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#73
Isopropylbenzene
Concen: 0.964 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion:105 Resp: 8297
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4





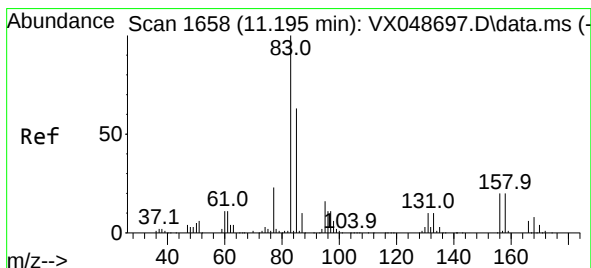
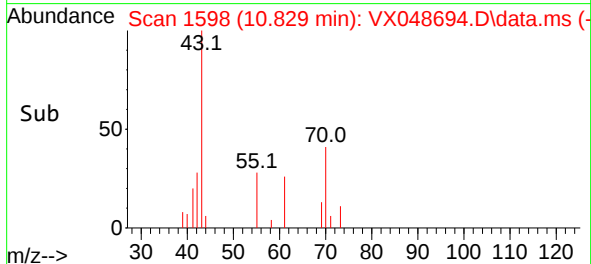
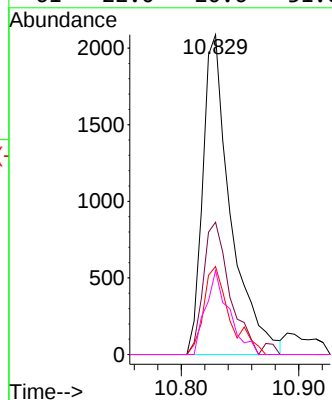
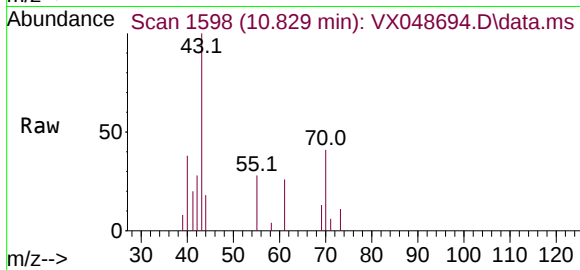
#74
N-amy1 acetate
Concen: 0.885 ug/l
RT: 10.829 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 3440
Ion Ratio	Lower Upper
43 100	
70 39.2	37.0 55.6
55 25.8	20.0 30.0
61 22.0	20.6 31.0

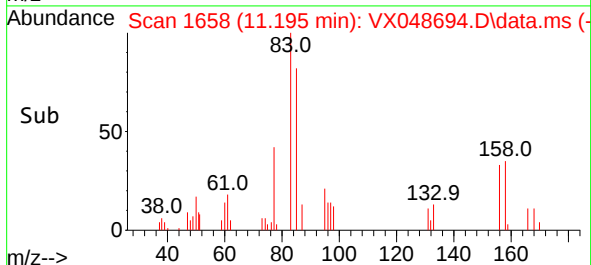
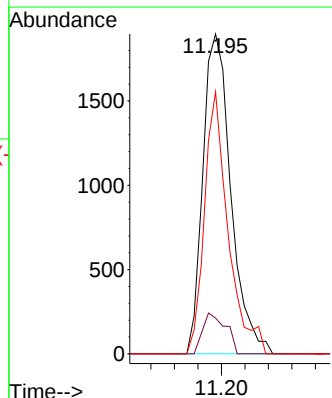
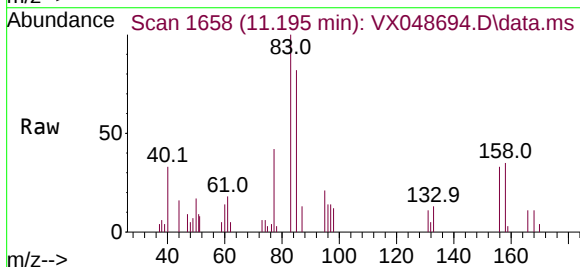
Manual Integrations
APPROVED

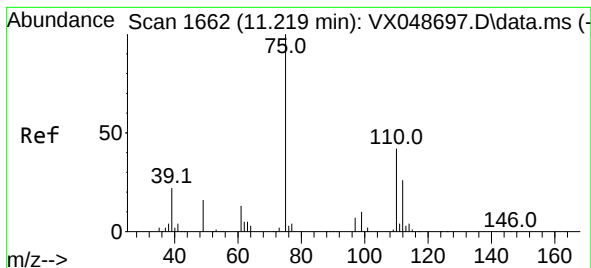
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.065 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

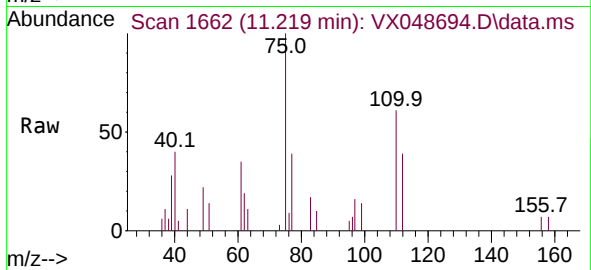
Tgt Ion: 83	Resp: 3141
Ion Ratio	Lower Upper
83 100	
131 10.5	5.3 16.1
85 69.3	32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 0.817 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

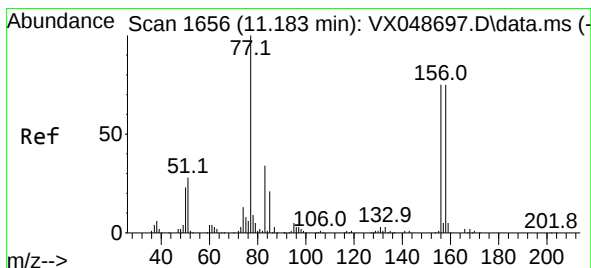
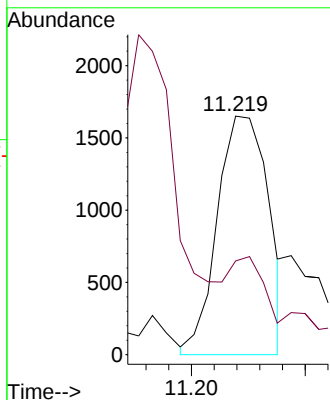
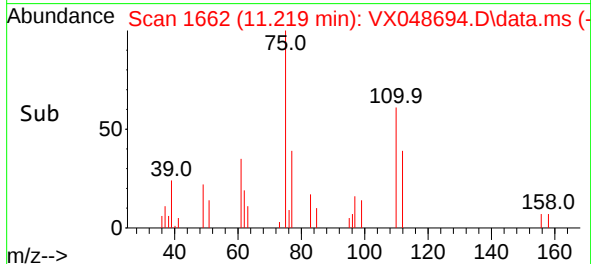
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



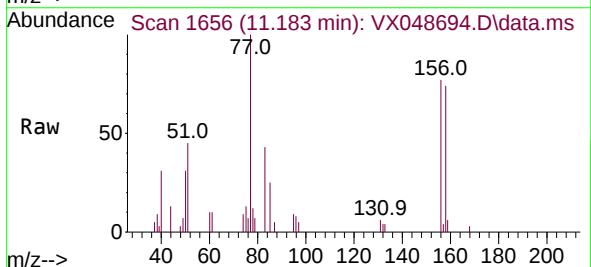
Tgt Ion: 75 Resp: 2590
Ion Ratio Lower Upper
75 100
77 44.2 19.0 57.0

Manual Integrations
APPROVED

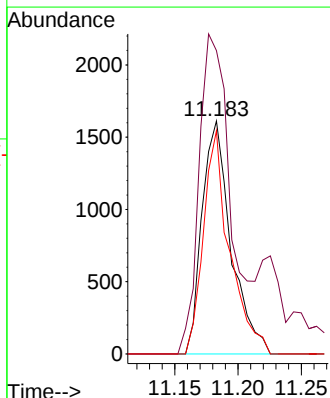
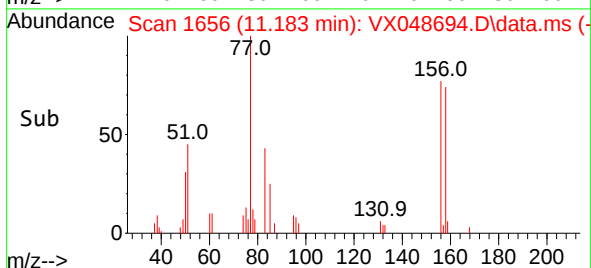
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

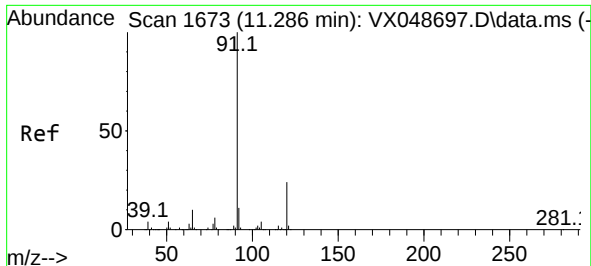


#77
Bromobenzene
Concen: 1.103 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



Tgt Ion:156 Resp: 2560
Ion Ratio Lower Upper
156 100
77 153.1 74.9 224.6
158 86.9 49.5 148.3





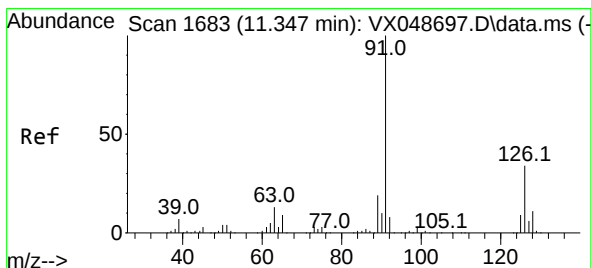
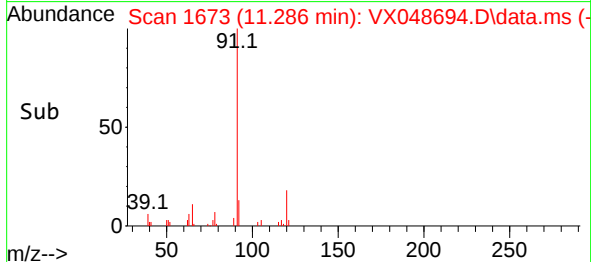
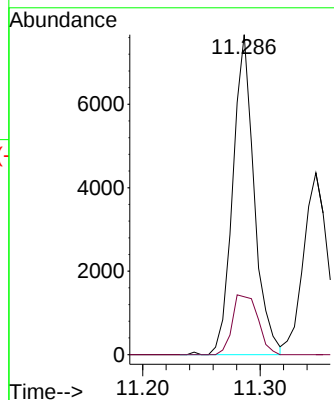
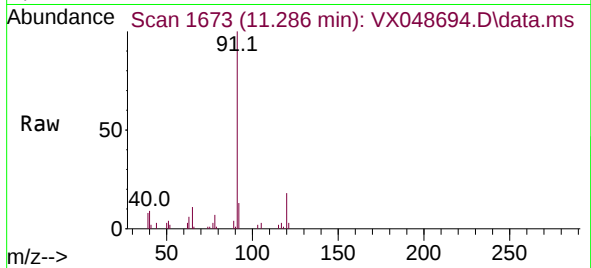
#78
n-propylbenzene
Concen: 0.961 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 9693
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.7

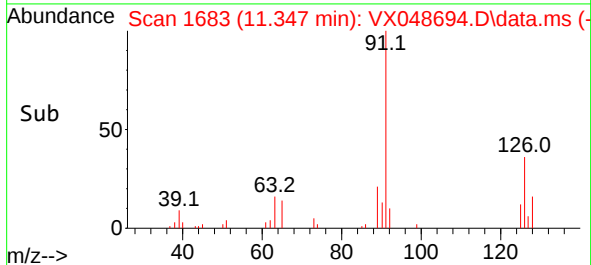
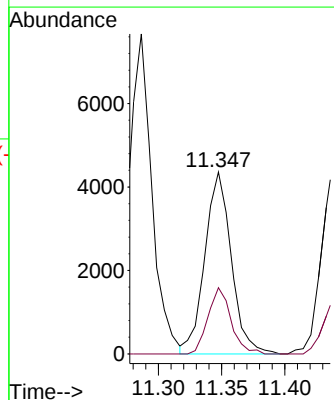
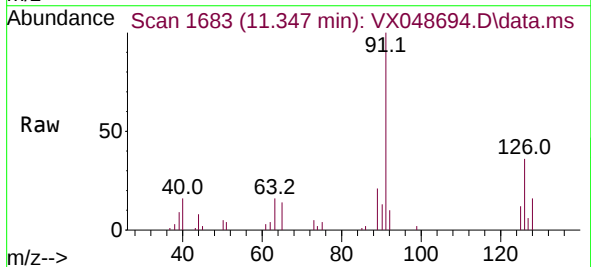
Manual Integrations
APPROVED

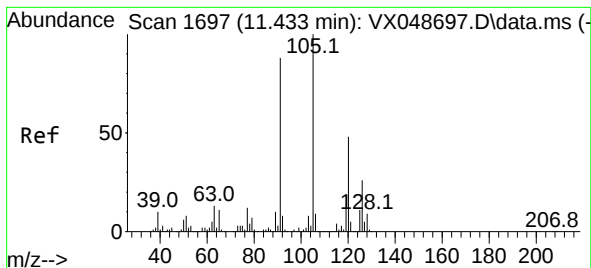
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#79
2-Chlorotoluene
Concen: 1.033 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 91 Resp: 6333
Ion Ratio Lower Upper
91 100
126 31.7 17.1 51.2





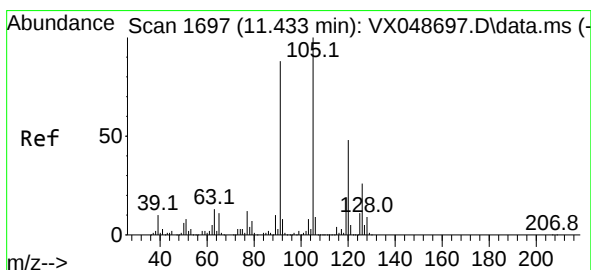
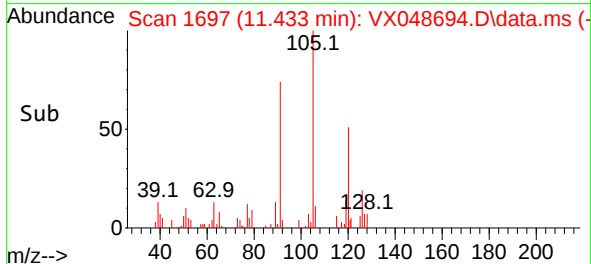
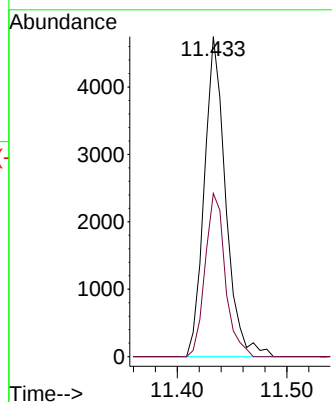
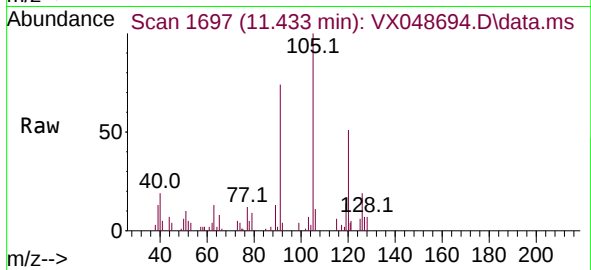
#80
1,3,5-Trimethylbenzene
Concen: 0.912 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 6424
Ion Ratio Lower Upper
105 100
120 48.1 24.4 73.2

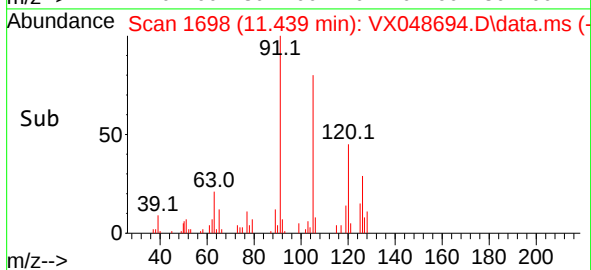
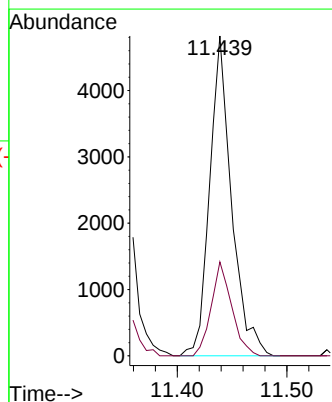
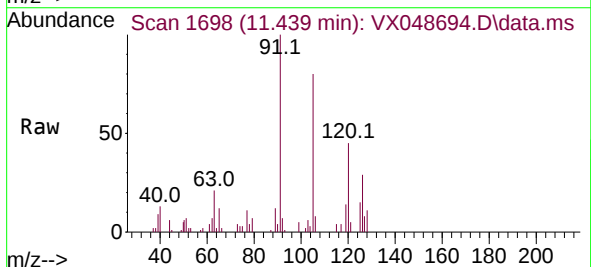
Manual Integrations
APPROVED

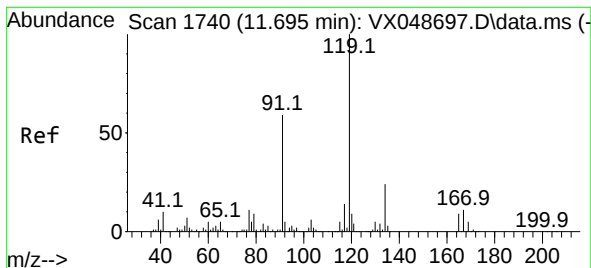
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 0.940 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion: 91 Resp: 6700
Ion Ratio Lower Upper
91 100
126 27.5 15.4 46.1





#83

tert-Butylbenzene

Concen: 0.947 ug/l

RT: 11.701 min Scan# 1741

Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

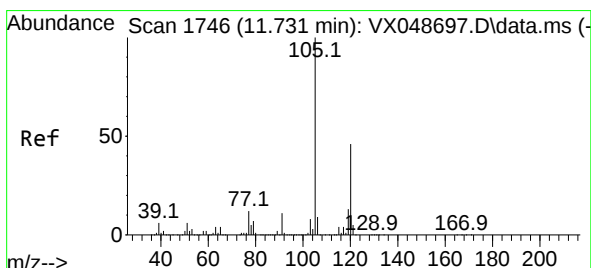
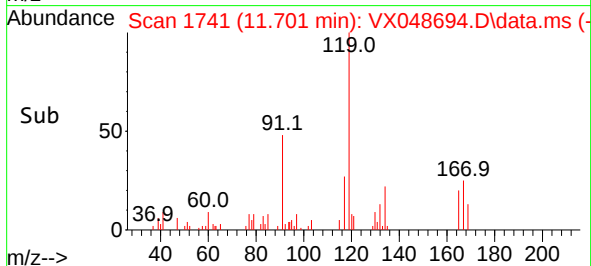
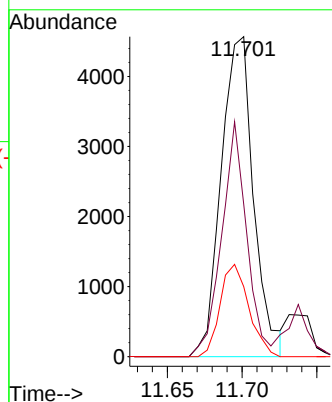
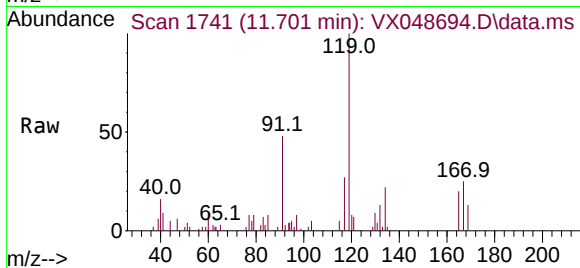
Tgt Ion:	119	Resp:	691
Ion Ratio	Lower	Upper	
119	100		
91	56.5	27.4	82.0
134	25.5	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.885 ug/l

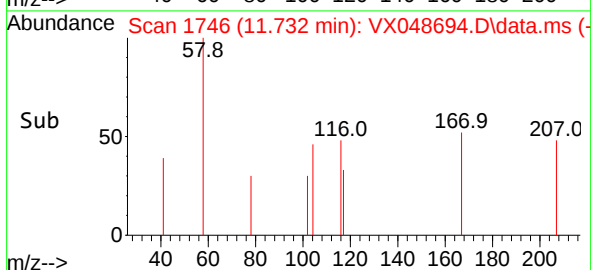
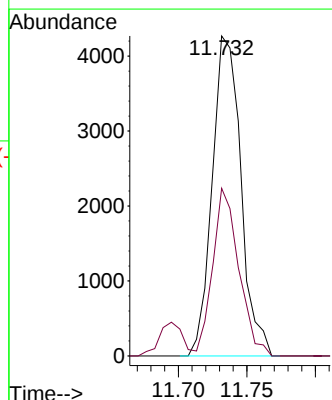
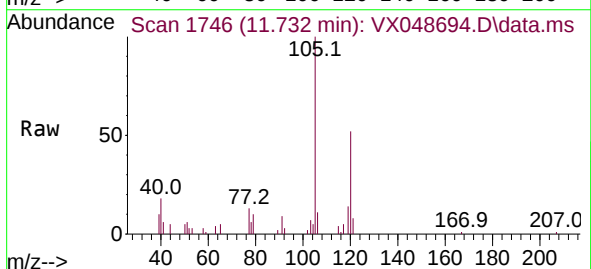
RT: 11.732 min Scan# 1746

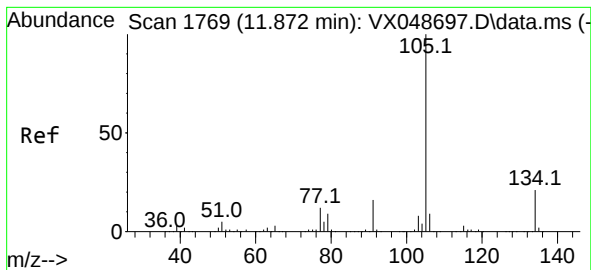
Delta R.T. 0.000 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

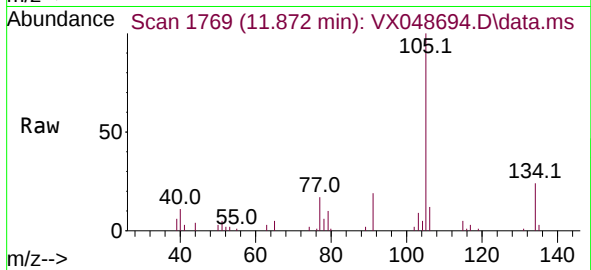
Tgt Ion:	105	Resp:	6212
Ion Ratio	Lower	Upper	
105	100		
120	47.6	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 0.966 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048694.D
 Acq: 03 Dec 2025 08:43

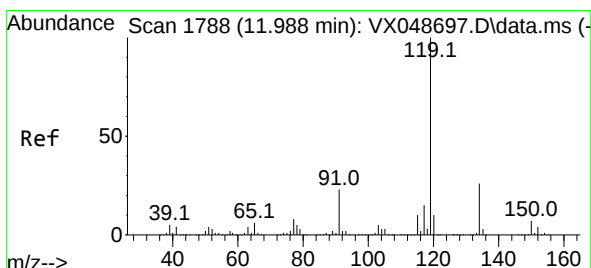
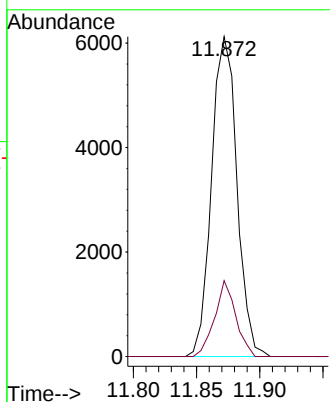
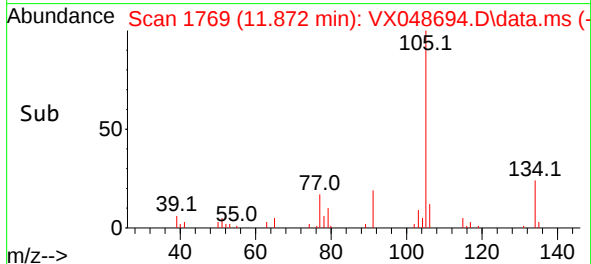
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001



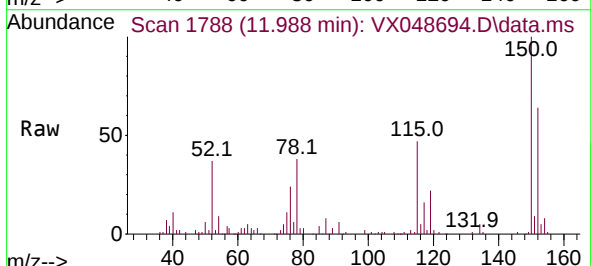
Tgt Ion:105 Resp: 8542
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

Manual Integrations
 APPROVED

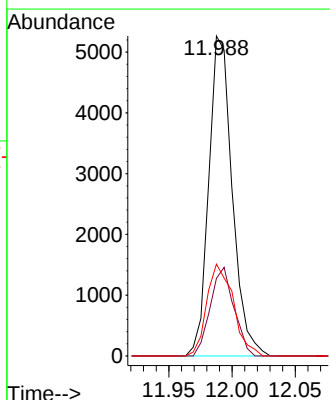
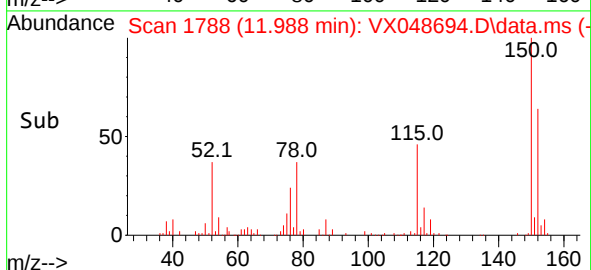
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

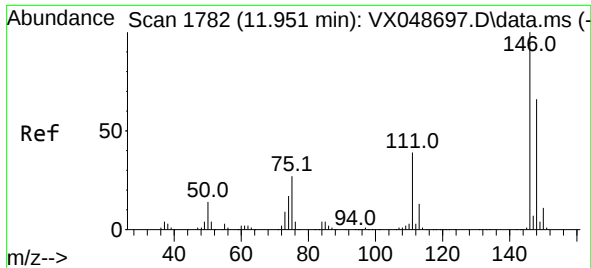


#86
 p-Isopropyltoluene
 Concen: 0.929 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048694.D
 Acq: 03 Dec 2025 08:43



Tgt Ion:119 Resp: 6788
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.2 39.6
 91 32.4 11.5 34.5





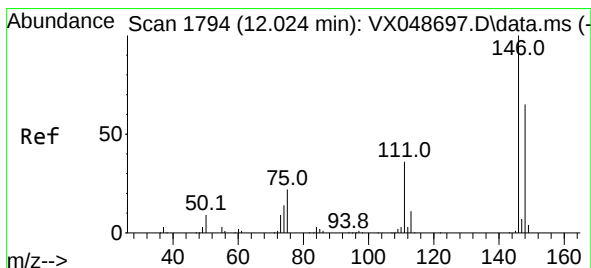
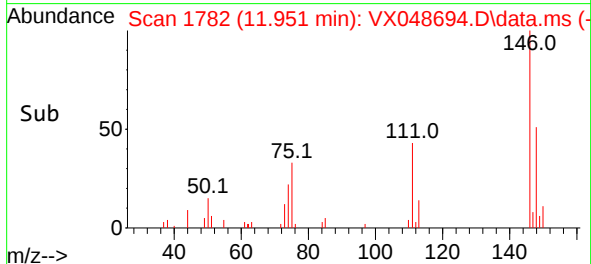
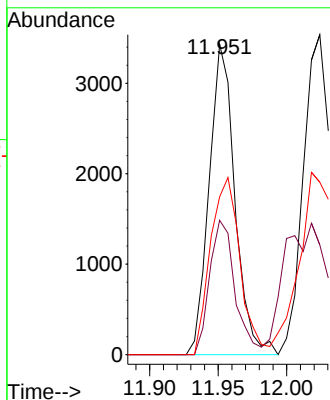
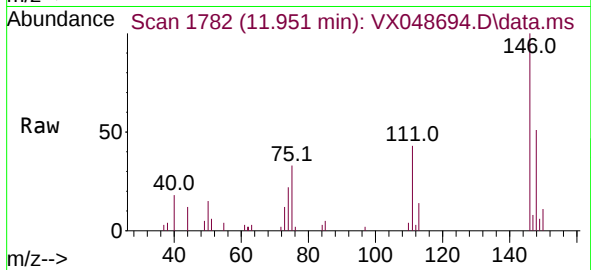
#87
1,3-Dichlorobenzene
Concen: 1.064 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 4495
Ion Ratio Lower Upper
146 100
111 42.6 19.8 59.4
148 65.5 32.4 97.0

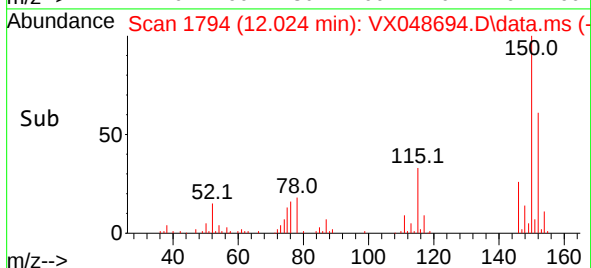
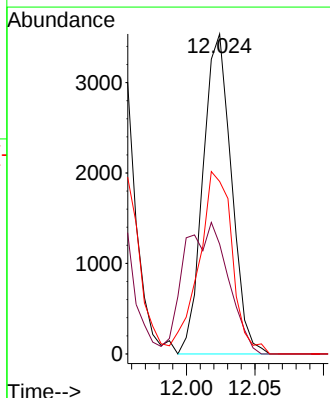
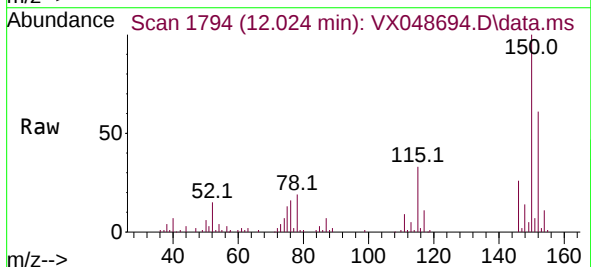
Manual Integrations
APPROVED

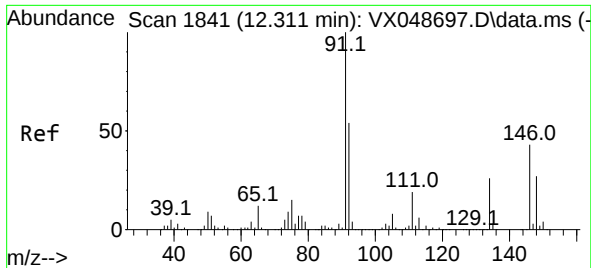
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#88
1,4-Dichlorobenzene
Concen: 1.184 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

Tgt Ion:146 Resp: 5106
Ion Ratio Lower Upper
146 100
111 29.6 19.5 58.5
148 66.9 32.6 98.0





#89

n-Butylbenzene

Concen: 0.971 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 668

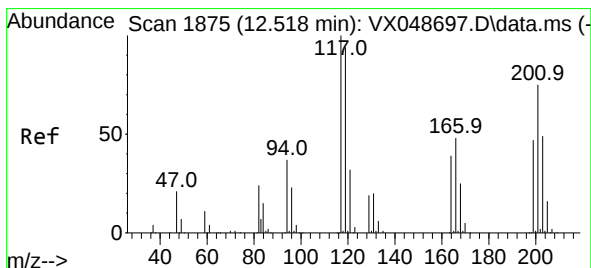
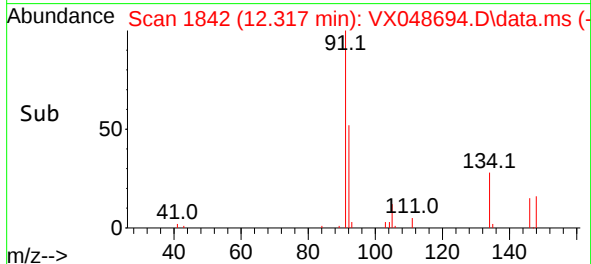
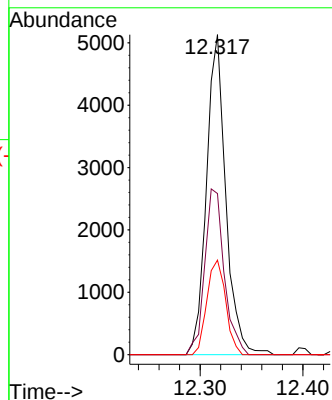
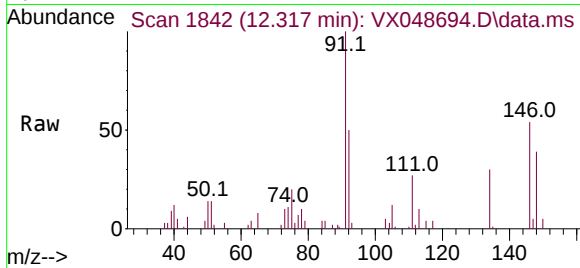
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.0	81.0
134	28.7	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 1.066 ug/l

RT: 12.518 min Scan# 1875

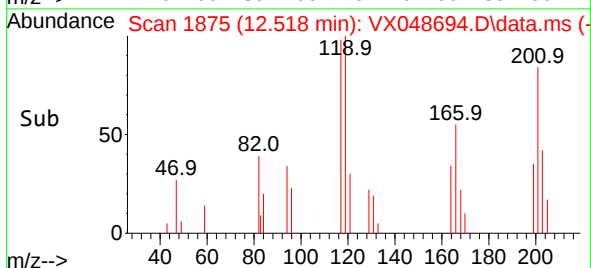
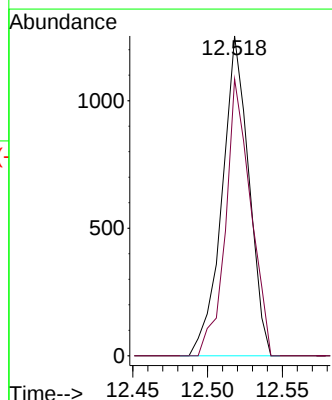
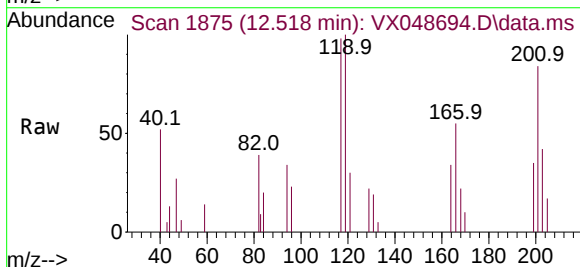
Delta R.T. 0.000 min

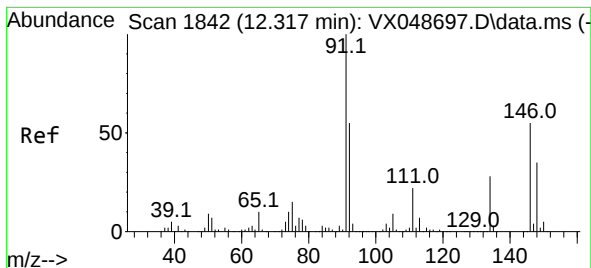
Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion:117 Resp: 1568

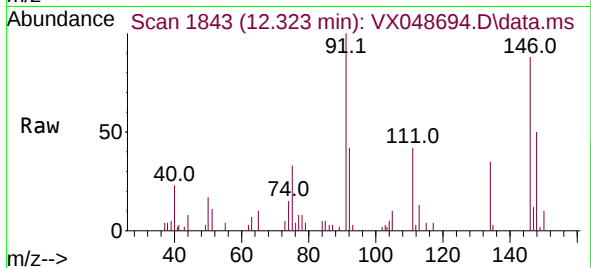
Ion	Ratio	Lower	Upper
117	100		
201	80.9	39.3	117.9





#91
1,2-Dichlorobenzene
Concen: 1.042 ug/l
RT: 12.323 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43

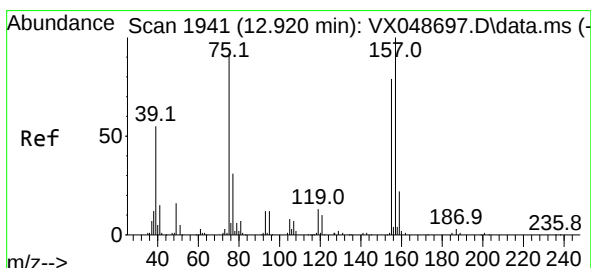
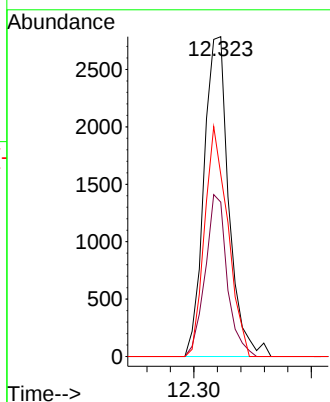
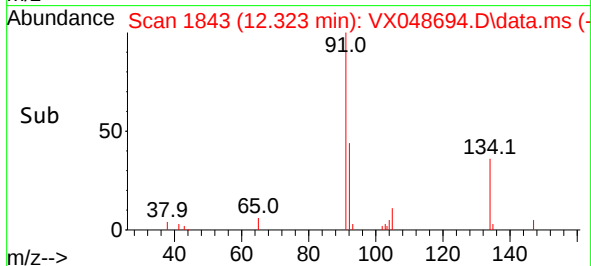
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



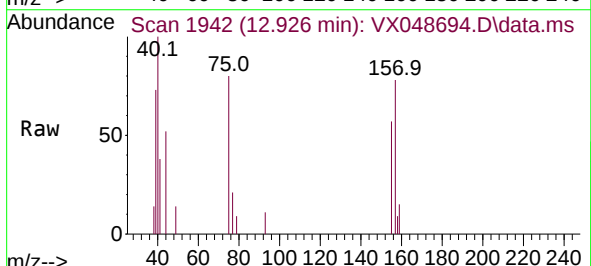
Tgt Ion:146 Resp: 409
Ion Ratio Lower Upper
146 100
111 44.7 20.6 61.8
148 66.9 32.1 96.5

Manual Integrations
APPROVED

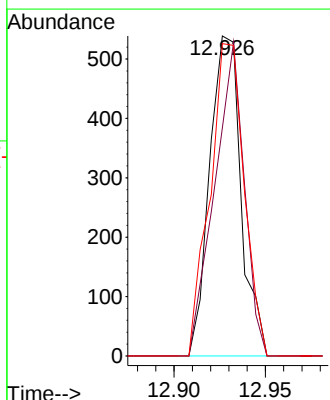
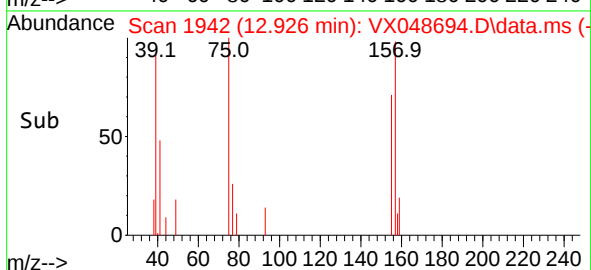
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

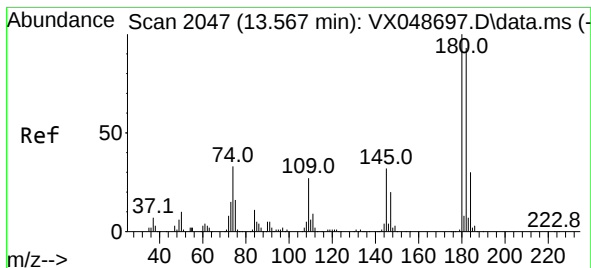


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.963 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048694.D
Acq: 03 Dec 2025 08:43



Tgt Ion: 75 Resp: 645
Ion Ratio Lower Upper
75 100
155 92.6 46.7 140.1
157 106.0 58.7 176.1





#93

1,2,4-Trichlorobenzene

Concen: 1.006 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

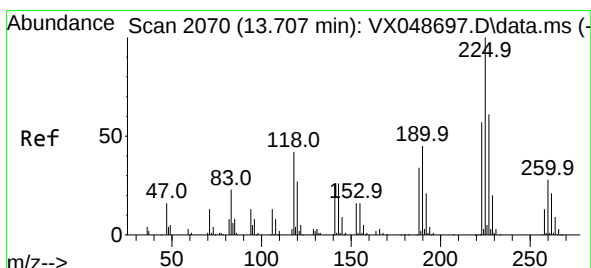
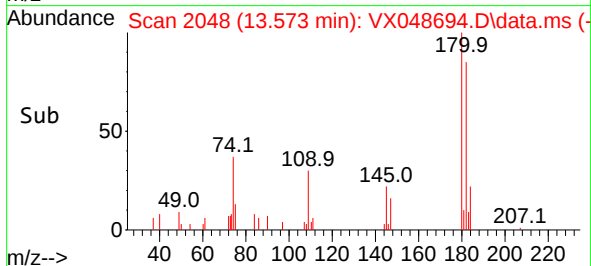
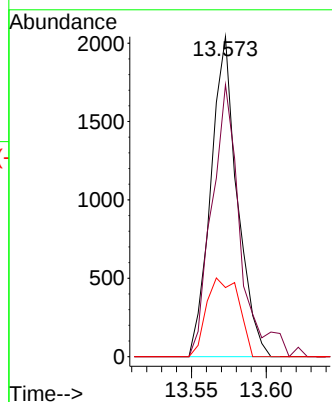
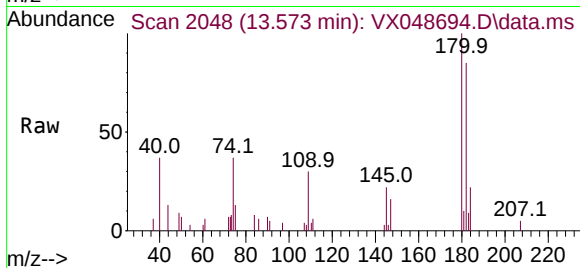
Tgt Ion:180	Resp:	2519
Ion Ratio	Lower	Upper
180	100	
182	91.5	47.8 143.3
145	30.1	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 1.201 ug/l

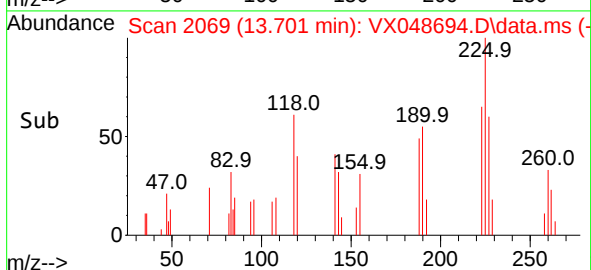
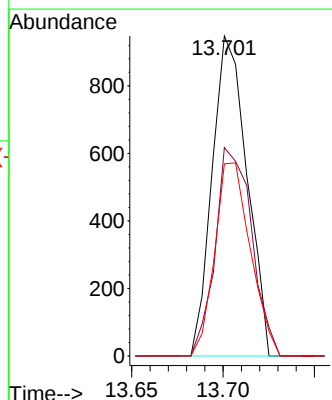
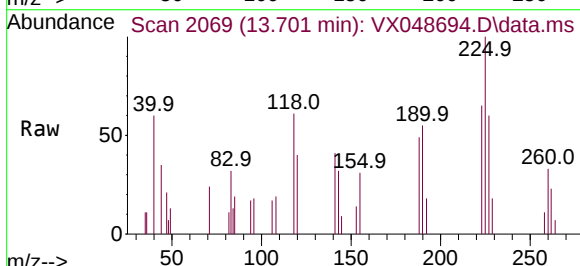
RT: 13.701 min Scan# 2069

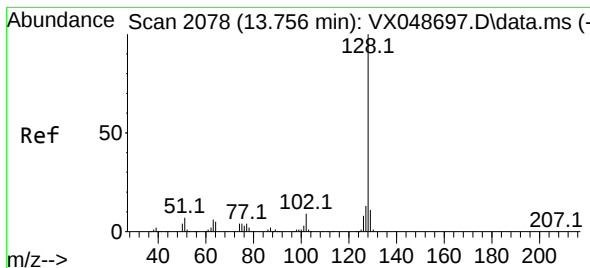
Delta R.T. -0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion:225	Resp:	1252
Ion Ratio	Lower	Upper
225	100	
223	68.3	31.6 95.0
227	62.1	31.6 94.7





#95

Naphthalene

Concen: 0.776 ug/l

RT: 13.762 min Scan# 2078

Delta R.T. 0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

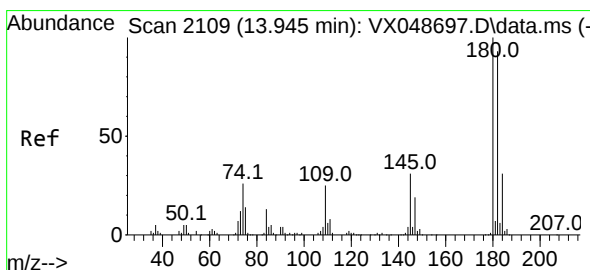
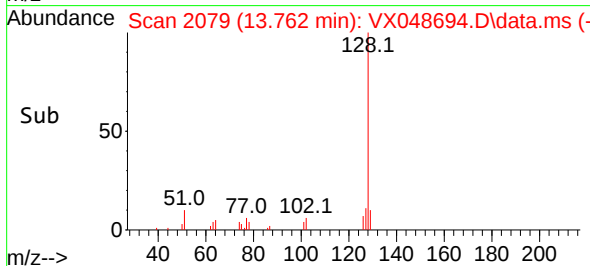
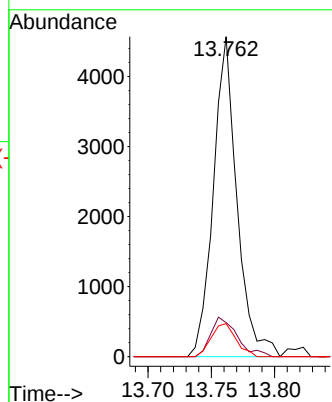
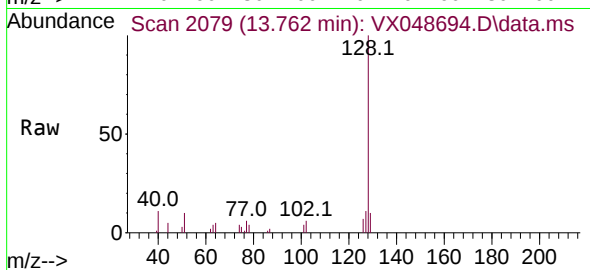
Tgt Ion:	128	Resp:	5930
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 0.971 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.006 min

Lab File: VX048694.D

Acq: 03 Dec 2025 08:43

Tgt Ion:	180	Resp:	2244
Ion Ratio	Lower	Upper	
180	100		
182	100.4	47.8	143.4
145	33.0	16.8	50.4

