

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
 Data File : VX048586.D
 Acq On : 13 Nov 2025 08:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 03:53:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	144592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	274184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	211212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	123084	61.091	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	122.180%#
35) Dibromofluoromethane	5.361	113	87510	42.170	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.340%
50) Toluene-d8	8.628	98	284877	44.015	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.040%#
62) 4-Bromofluorobenzene	11.061	95	107235	44.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	65166	55.619	ug/l	100
3) Chloromethane	1.300	50	80222	51.624	ug/l	99
4) Vinyl Chloride	1.380	62	100287	56.999	ug/l	97
5) Bromomethane	1.611	94	74434	66.997	ug/l	96
6) Chloroethane	1.691	64	68866	59.766	ug/l	100
7) Trichlorofluoromethane	1.892	101	165888	59.596	ug/l	96
8) Diethyl Ether	2.130	74	70305	62.922	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	84475	52.422	ug/l	97
10) Methyl Iodide	2.453	142	147182	61.716	ug/l	99
11) Tert butyl alcohol	2.934	59	95546	250.267	ug/l	98
12) 1,1-Dichloroethene	2.319	96	87090	51.741	ug/l	95
13) Acrolein	2.233	56	21971	397.752	ug/l	90
14) Allyl chloride	2.660	41	179542	57.291	ug/l	96
15) Acrylonitrile	3.050	53	294496	264.242	ug/l	99
16) Acetone	2.367	43	287482	301.438	ug/l	98
17) Carbon Disulfide	2.514	76	256522	54.158	ug/l	99
18) Methyl Acetate	2.690	43	153957	58.742	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	301079	50.653	ug/l	100
20) Methylene Chloride	2.782	84	105792	53.955	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	82333	46.151	ug/l	93
22) Diisopropyl ether	3.739	45	329753	54.798	ug/l	84
23) Vinyl Acetate	3.702	43	1477941	280.427	ug/l	96
24) 1,1-Dichloroethane	3.599	63	168813	51.126	ug/l	98
25) 2-Butanone	4.526	43	379573	269.041	ug/l	97
26) 2,2-Dichloropropane	4.458	77	143721	51.056	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	105007	48.155	ug/l	95
28) Bromochloromethane	4.873	49	79389	48.943	ug/l	94
29) Tetrahydrofuran	4.971	42	272060	270.373	ug/l	97
30) Chloroform	5.074	83	176062	51.650	ug/l	99
31) Cyclohexane	5.452	56	122730	45.364	ug/l	99
32) 1,1,1-Trichloroethane	5.361	97	148294	49.848	ug/l	97
36) 1,1-Dichloropropene	5.672	75	110597	39.801	ug/l	97
37) Ethyl Acetate	4.690	43	179508	45.892	ug/l	96
38) Carbon Tetrachloride	5.653	117	125857	39.788	ug/l	98
39) Methylcyclohexane	7.360	83	150362	48.192	ug/l	100
40) Benzene	6.019	78	405812	47.113	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
 Data File : VX048586.D
 Acq On : 13 Nov 2025 08:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 03:53:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	78808	45.814	ug/l	95
42) 1,2-Dichloroethane	6.062	62	152494	51.671	ug/l	97
43) Isopropyl Acetate	6.318	43	275740	50.149	ug/l	99
44) Trichloroethene	7.104	130	109936	53.396	ug/l	99
45) 1,2-Dichloropropane	7.409	63	111175	56.134	ug/l	99
46) Dibromomethane	7.562	93	83457	57.774	ug/l	97
47) Bromodichloromethane	7.799	83	168969	58.633	ug/l	99
48) Methyl methacrylate	7.671	41	143966	58.900	ug/l	98
49) 1,4-Dioxane	7.641	88	44702	1200.244	ug/l	98
51) 4-Methyl-2-Pentanone	8.549	43	819279	261.762	ug/l	97
52) Toluene	8.695	92	213817	47.149	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	141340	47.599	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	168840	54.912	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	89480	49.386	ug/l	96
56) Ethyl methacrylate	9.098	69	151805	50.359	ug/l #	93
57) 1,3-Dichloropropane	9.287	76	151387	48.003	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	483219	298.163	ug/l	98
59) 2-Hexanone	9.409	43	601621	258.409	ug/l	95
60) Dibromochloromethane	9.500	129	109639	49.286	ug/l	98
61) 1,2-Dibromoethane	9.592	107	96962	49.409	ug/l	99
64) Tetrachloroethene	9.256	164	69268	45.153	ug/l	96
65) Chlorobenzene	10.061	112	237908	47.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	86417	51.447	ug/l	99
67) Ethyl Benzene	10.177	91	401588	47.704	ug/l	96
68) m/p-Xylenes	10.281	106	307994	97.143	ug/l	96
69) o-Xylene	10.622	106	149926	48.332	ug/l	98
70) Styrene	10.634	104	263927	50.720	ug/l	99
71) Bromoform	10.780	173	77078	49.738	ug/l #	100
73) Isopropylbenzene	10.945	105	382540	48.078	ug/l	99
74) N-amyl acetate	10.823	43	201811	50.514	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	141053	50.269	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	135888m	51.456	ug/l	
77) Bromobenzene	11.177	156	99130	48.248	ug/l	98
78) n-propylbenzene	11.286	91	443136	47.365	ug/l	99
79) 2-Chlorotoluene	11.347	91	269979	47.755	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	309967	47.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	47400	51.339	ug/l #	79
82) 4-Chlorotoluene	11.433	91	320054	48.262	ug/l	100
83) tert-Butylbenzene	11.695	119	316129	47.120	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	317014	48.439	ug/l	99
85) sec-Butylbenzene	11.872	105	382543	46.134	ug/l	99
86) p-Isopropyltoluene	11.988	119	325296	46.663	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	178999	46.484	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	182176	45.801	ug/l	99
89) n-Butylbenzene	12.311	91	303001	46.333	ug/l	99
90) Hexachloroethane	12.518	117	61729	46.476	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	177192	47.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	32884	50.430	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	107946	43.943	ug/l	100
94) Hexachlorobutadiene	13.707	225	41987	40.887	ug/l	99
95) Naphthalene	13.756	128	390572	49.452	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	105299	46.084	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
Data File : VX048586.D
Acq On : 13 Nov 2025 08:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

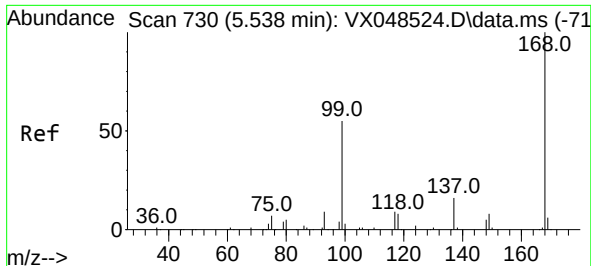
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 03:53:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

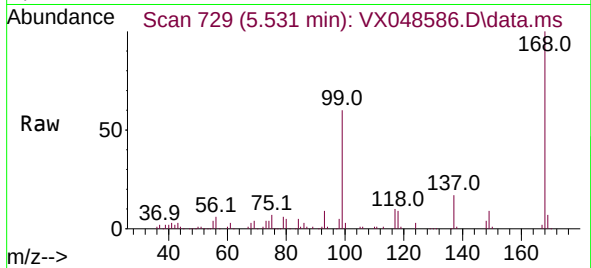
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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. -0.007 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

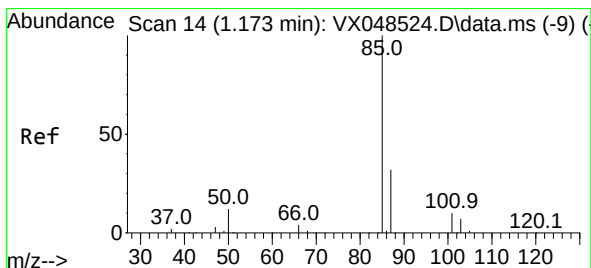
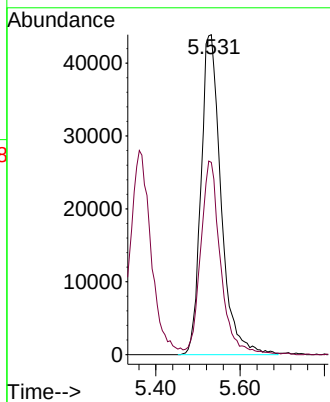
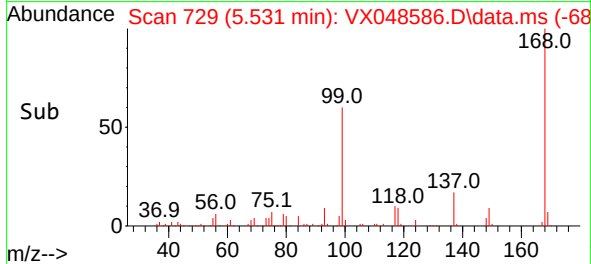
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 144592
Ion Ratio Lower Upper
168 100
99 59.6 45.2 67.8

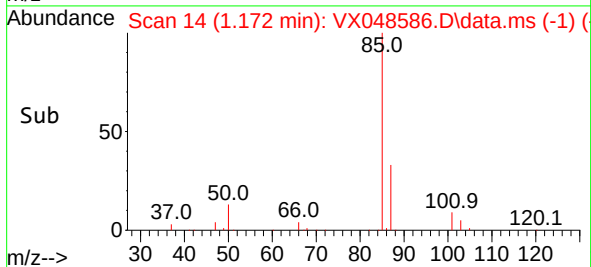
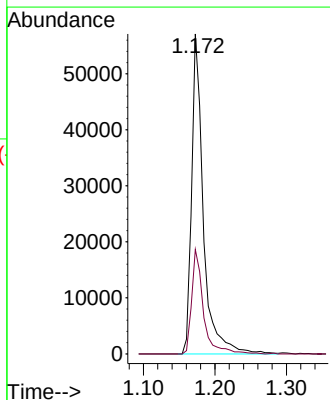
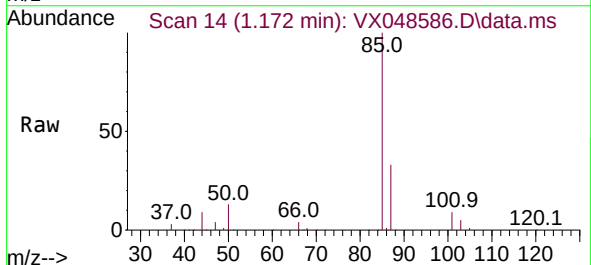
Manual Integrations
APPROVED

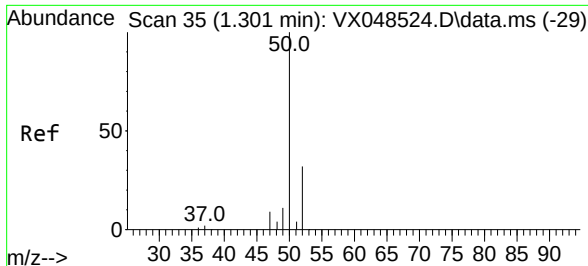
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#2
Dichlorodifluoromethane
Concen: 55.619 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

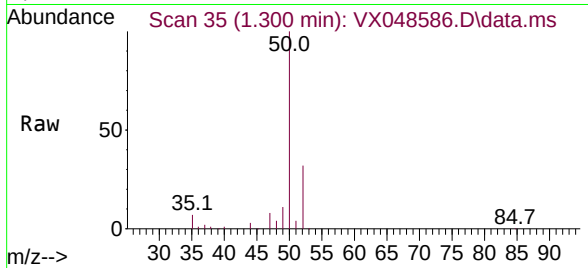
Tgt Ion: 85 Resp: 65166
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 51.624 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

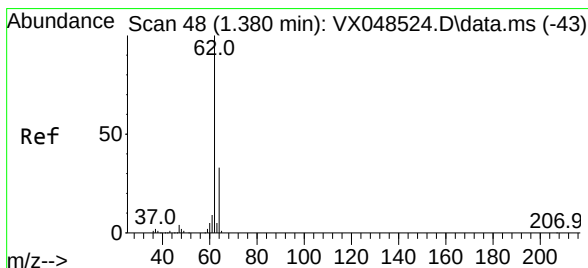
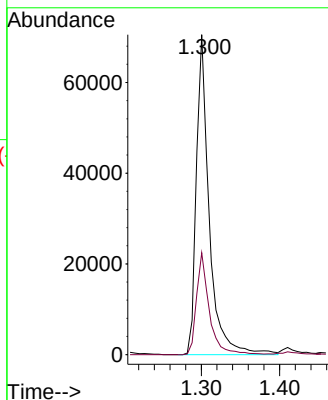
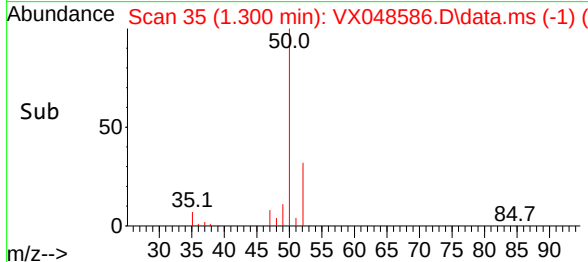
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



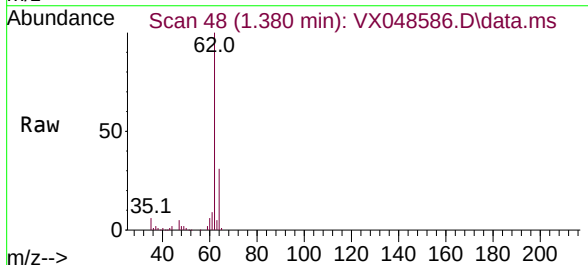
Tgt Ion: 50 Resp: 80222
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0

Manual Integrations
APPROVED

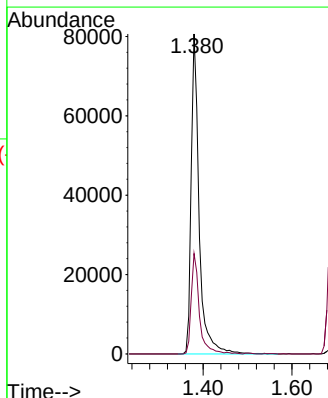
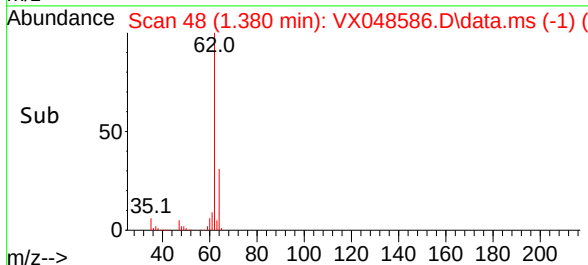
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

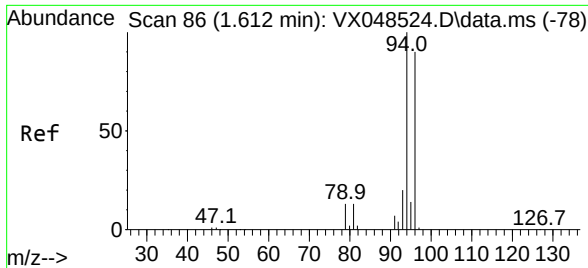


#4
Vinyl Chloride
Concen: 56.999 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion: 62 Resp: 100287
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.4





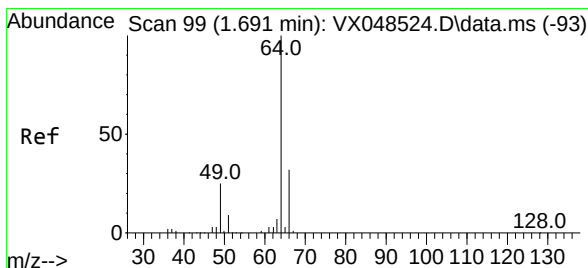
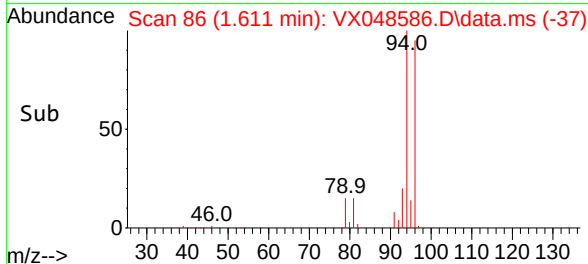
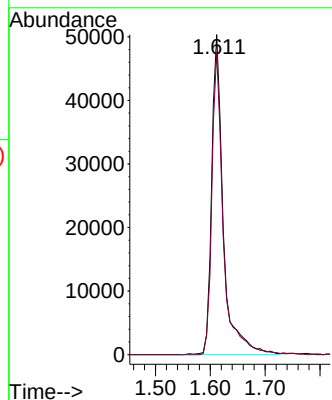
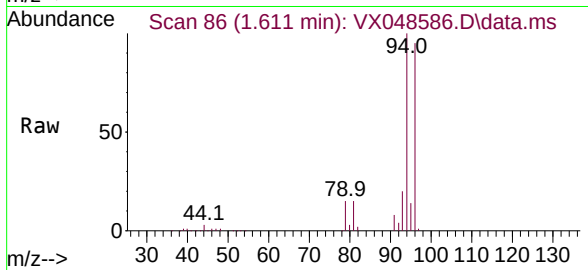
#5
Bromomethane
Concen: 66.997 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 74434
Ion Ratio Lower Upper
94 100
96 94.6 72.3 108.5

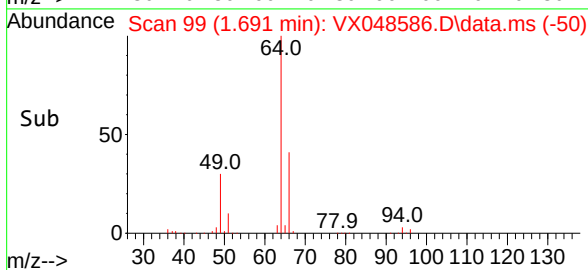
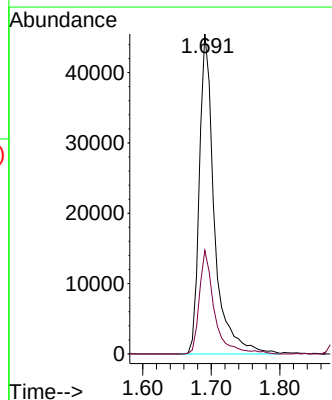
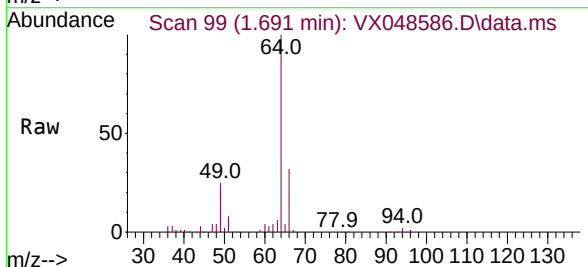
Manual Integrations
APPROVED

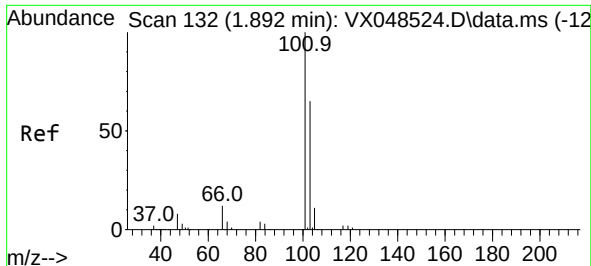
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#6
Chloroethane
Concen: 59.766 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

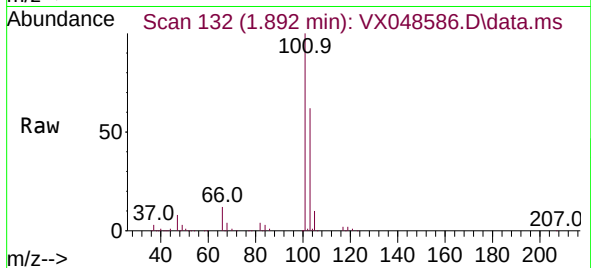
Tgt Ion: 64 Resp: 68866
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 59.596 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. -0.000 min
 Lab File: VX048586.D
 Acq: 13 Nov 2025 08:43

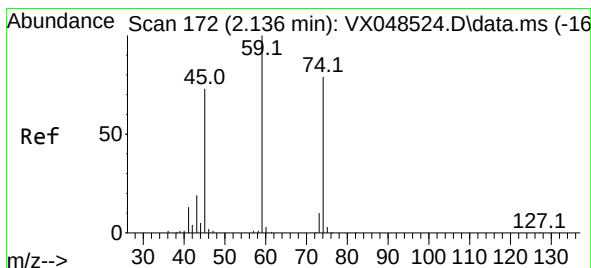
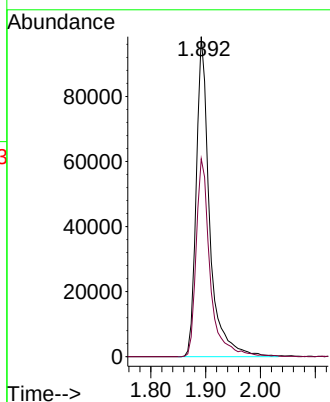
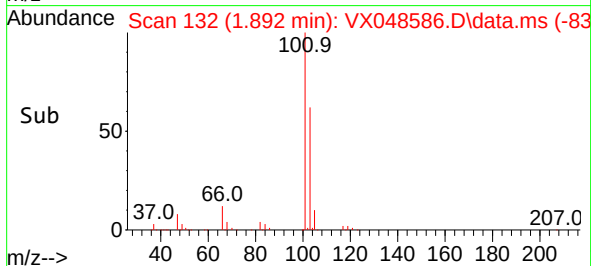
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 16588
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.7 77.5

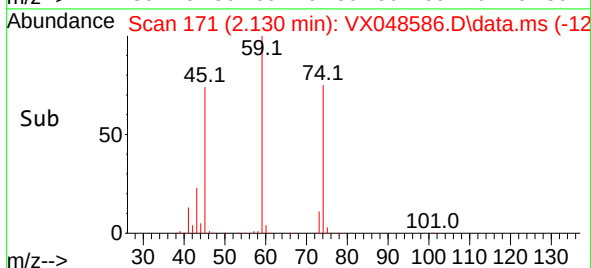
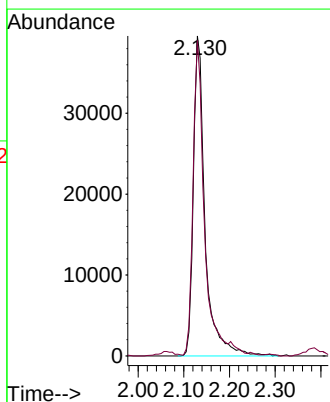
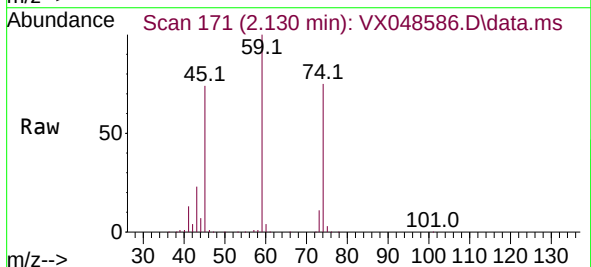
Manual Integrations
 APPROVED

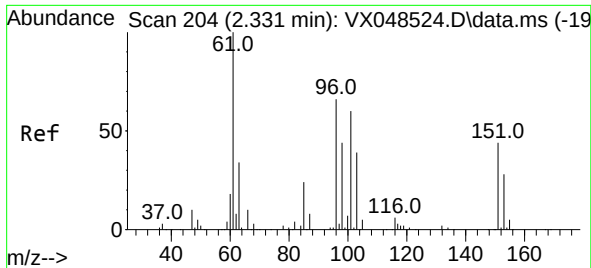
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#8
 Diethyl Ether
 Concen: 62.922 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048586.D
 Acq: 13 Nov 2025 08:43

Tgt Ion: 74 Resp: 70305
 Ion Ratio Lower Upper
 74 100
 45 96.2 45.9 137.6





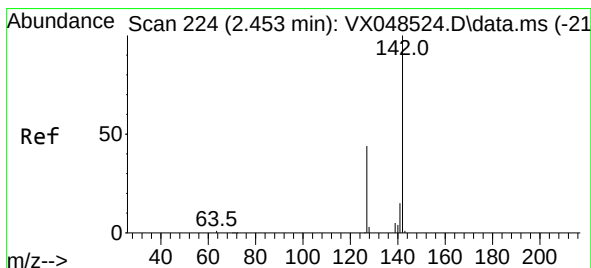
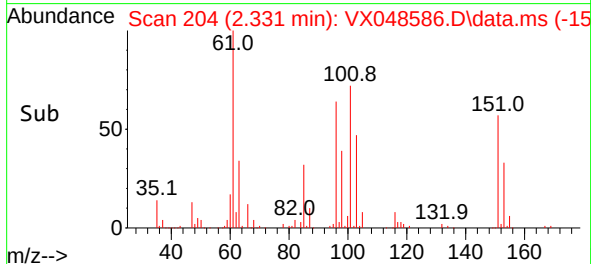
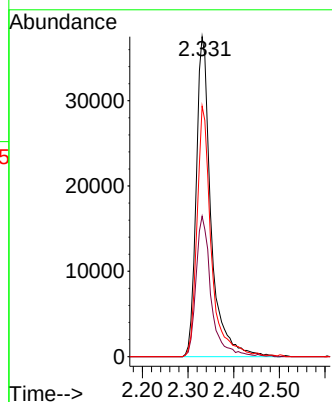
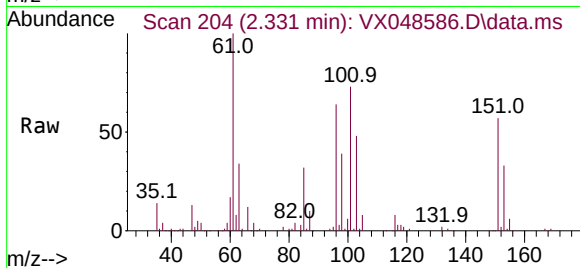
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.422 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 84475
Ion Ratio Lower Upper
101 100
85 44.6 34.3 51.5
151 76.1 63.1 94.7

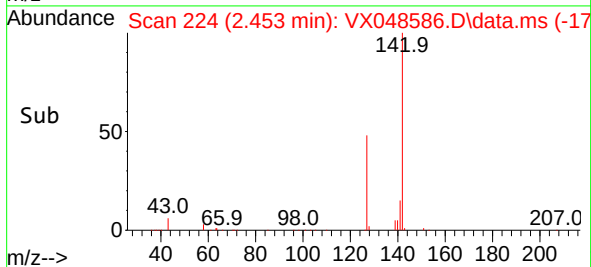
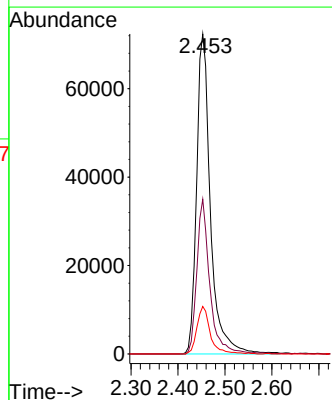
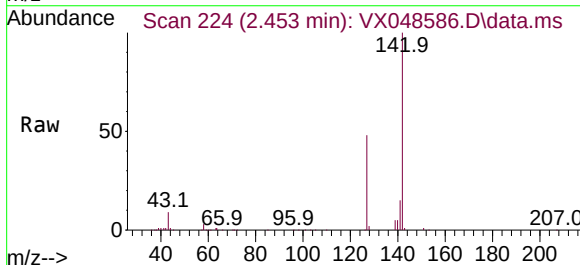
Manual Integrations
APPROVED

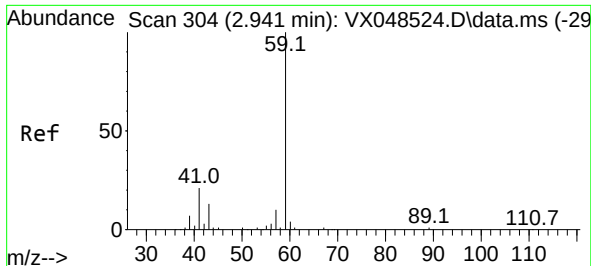
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#10
Methyl Iodide
Concen: 61.716 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion:142 Resp: 147182
Ion Ratio Lower Upper
142 100
127 45.6 35.8 53.6
141 14.2 11.4 17.0





#11

Tert butyl alcohol

Concen: 250.267 ug/l

RT: 2.934 min Scan# 304

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 95546

Ion Ratio Lower Upper

59 100

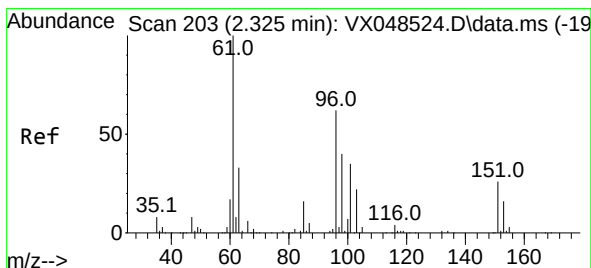
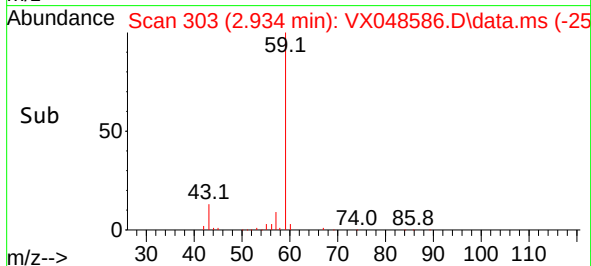
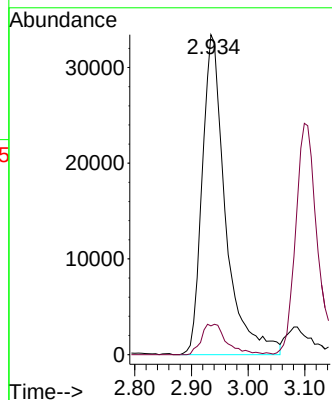
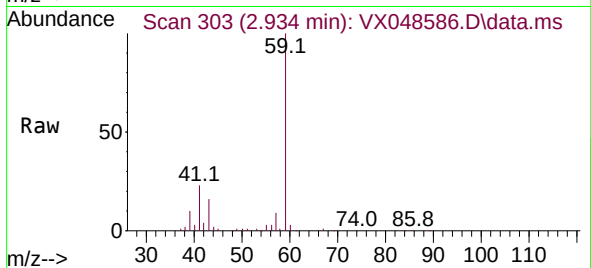
57 10.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#12

1,1-Dichloroethene

Concen: 51.741 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

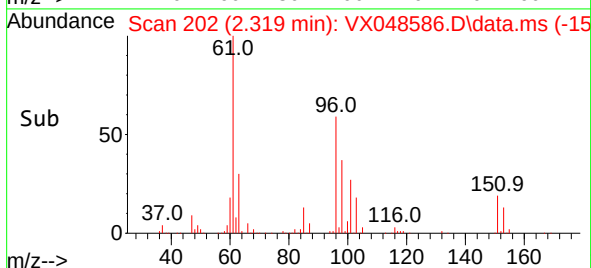
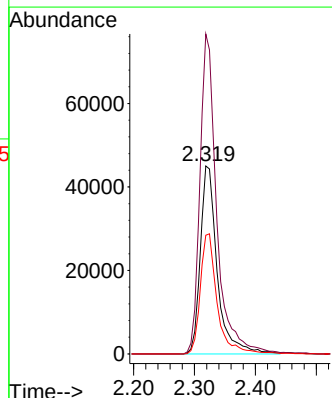
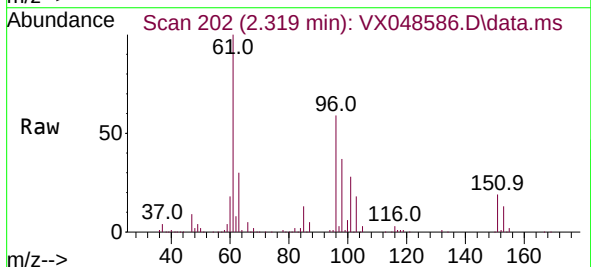
Tgt Ion: 96 Resp: 87090

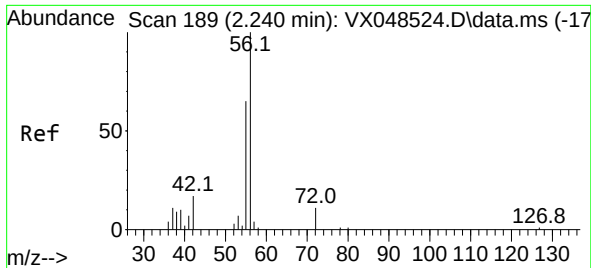
Ion Ratio Lower Upper

96 100

61 170.3 129.8 194.6

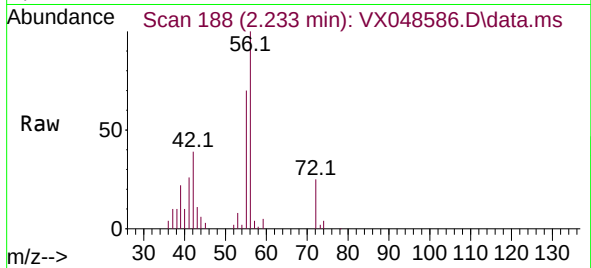
98 63.1 52.3 78.5





#13
Acrolein
Concen: 397.752 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

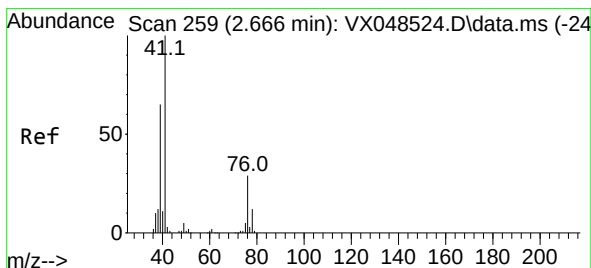
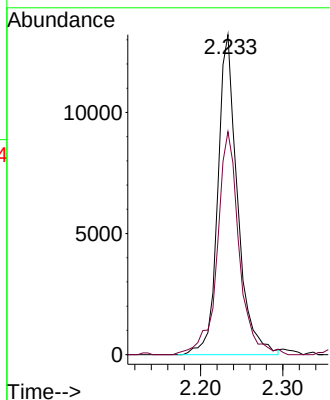
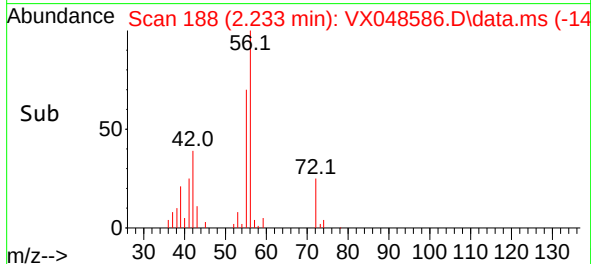
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



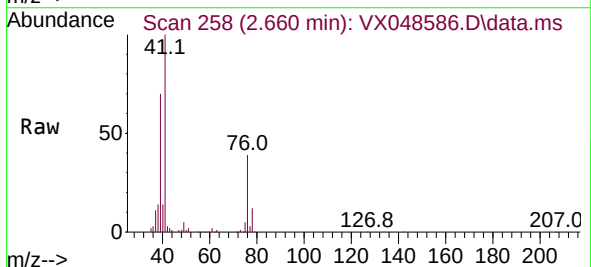
Tgt Ion: 56 Resp: 2197
Ion Ratio Lower Upper
56 100
55 77.0 54.9 82.3

Manual Integrations
APPROVED

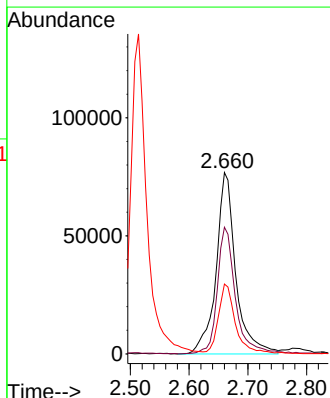
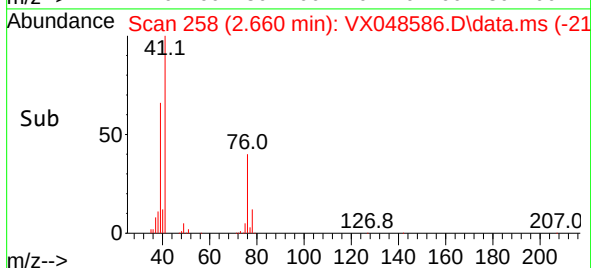
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

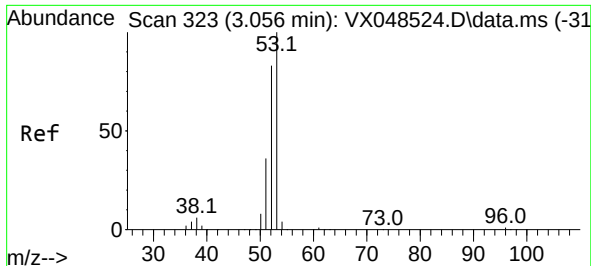


#14
Allyl chloride
Concen: 57.291 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



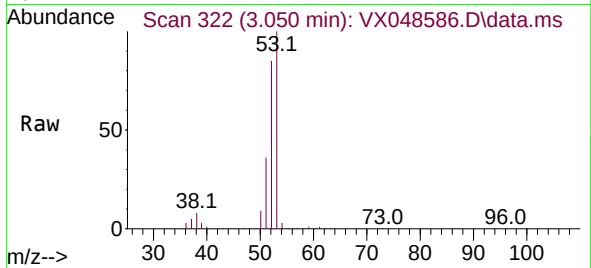
Tgt Ion: 41 Resp: 179542
Ion Ratio Lower Upper
41 100
39 64.7 48.6 73.0
76 33.4 27.7 41.5





#15
Acrylonitrile
Concen: 264.242 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

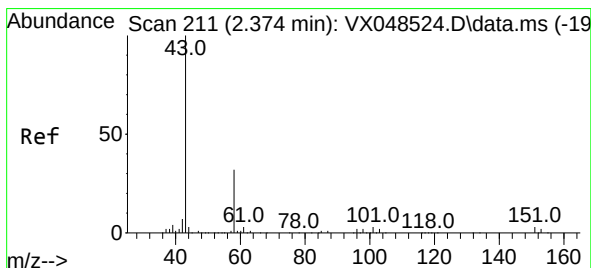
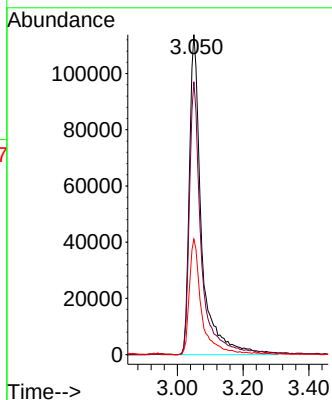
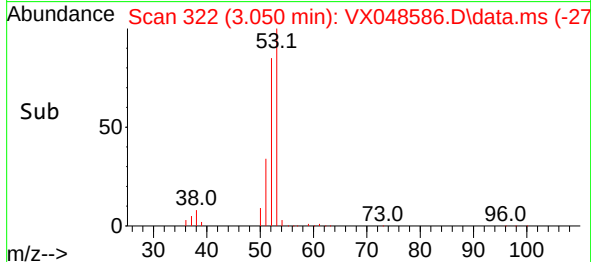
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 294496
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.0 27.8 41.6

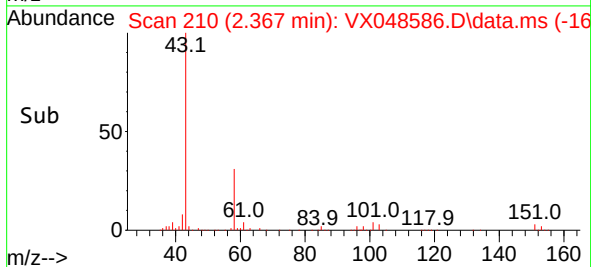
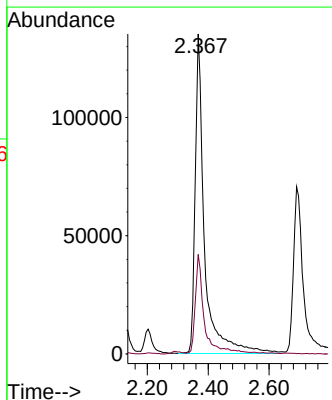
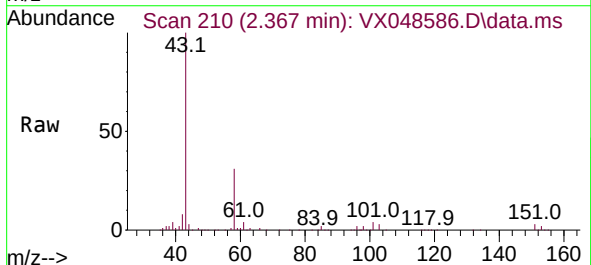
Manual Integrations
APPROVED

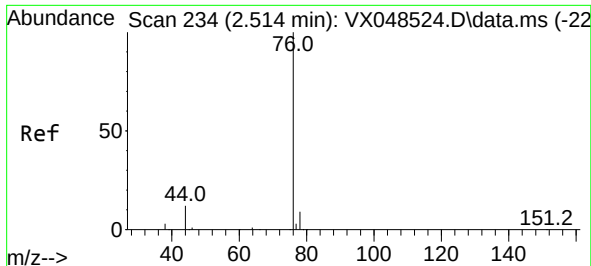
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#16
Acetone
Concen: 301.438 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

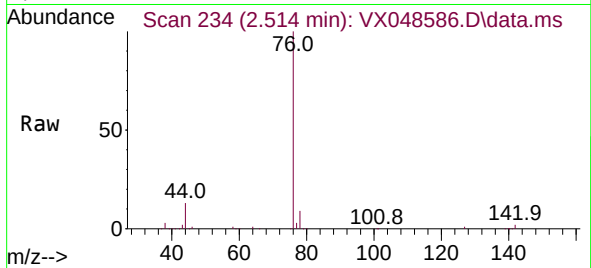
Tgt Ion: 43 Resp: 287482
Ion Ratio Lower Upper
43 100
58 30.9 25.8 38.6





#17
Carbon Disulfide
Concen: 54.158 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

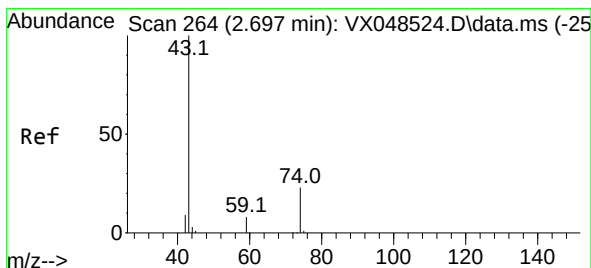
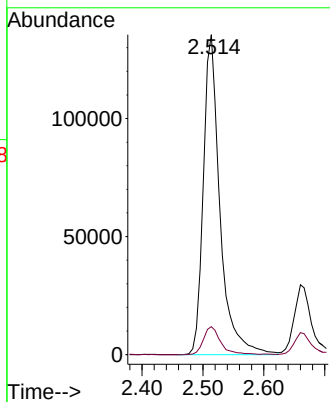
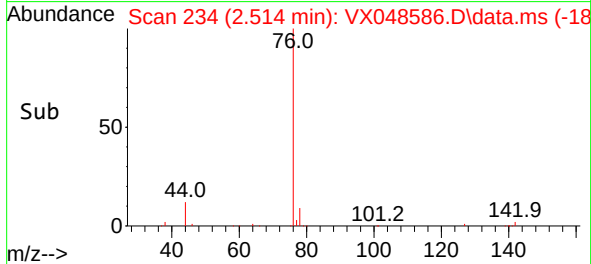
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 256522
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

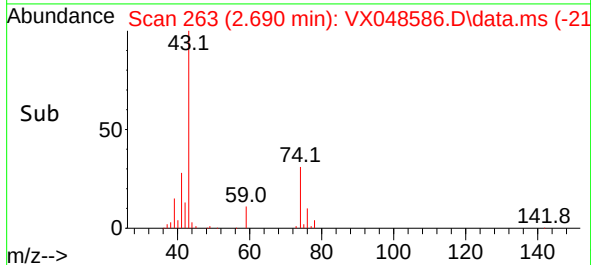
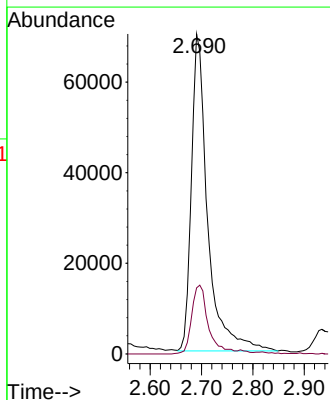
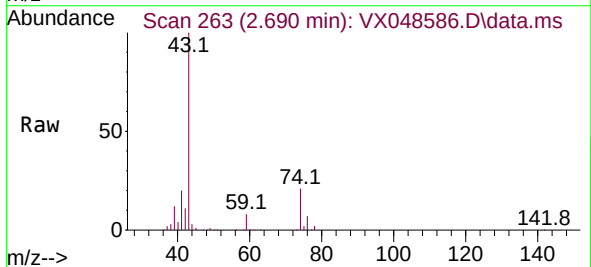
Manual Integrations
APPROVED

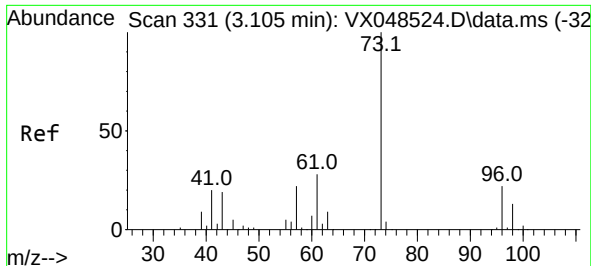
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#18
Methyl Acetate
Concen: 58.742 ug/l
RT: 2.690 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

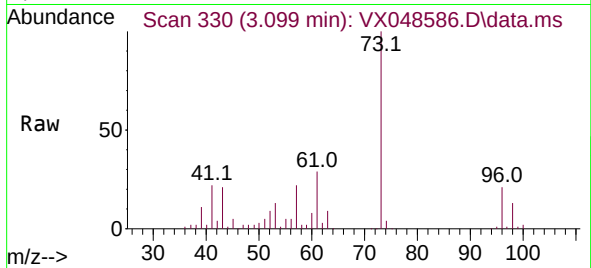
Tgt Ion: 43 Resp: 153957
Ion Ratio Lower Upper
43 100
74 22.1 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 50.653 ug/l
RT: 3.099 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

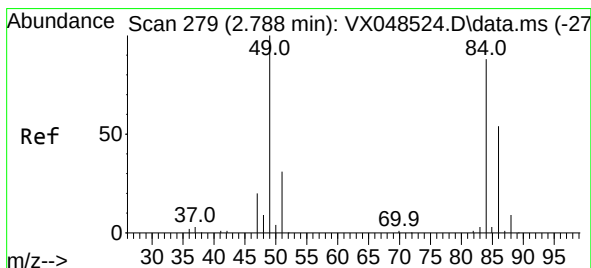
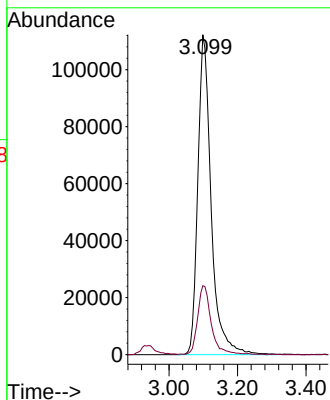
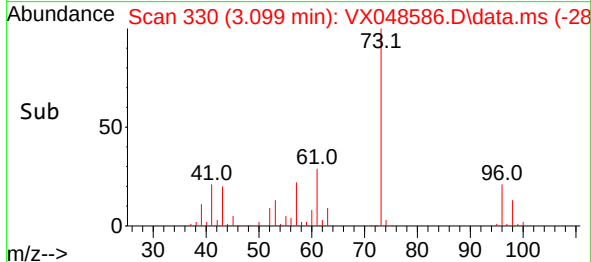
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 301079
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

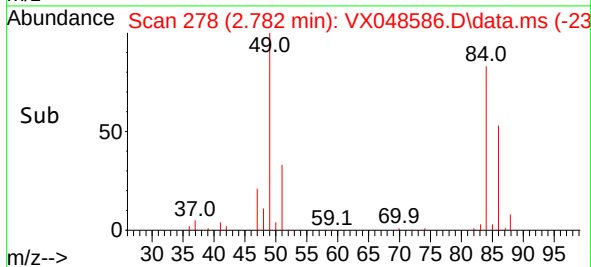
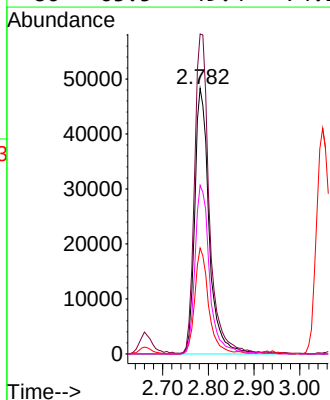
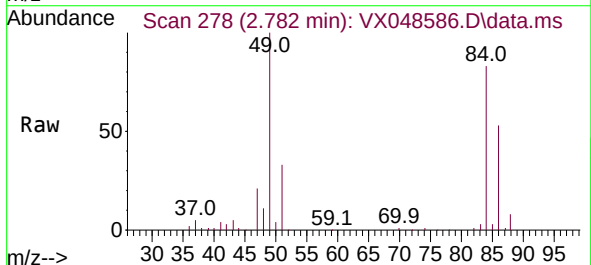
Manual Integrations
APPROVED

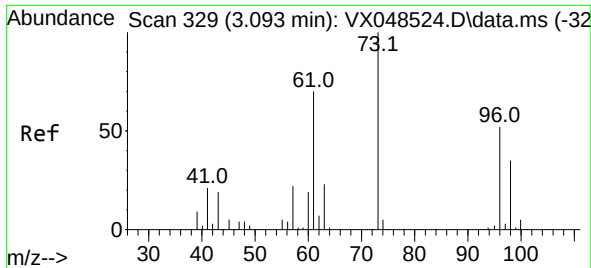
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#20
Methylene Chloride
Concen: 53.955 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

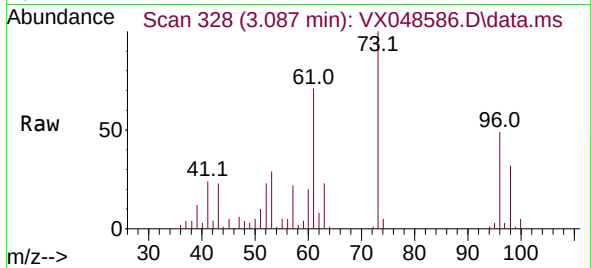
Tgt Ion: 84 Resp: 105792
Ion Ratio Lower Upper
84 100
49 120.2 91.2 136.8
51 39.8 28.3 42.5
86 63.5 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 46.151 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

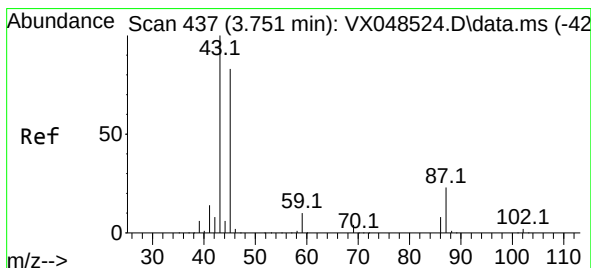
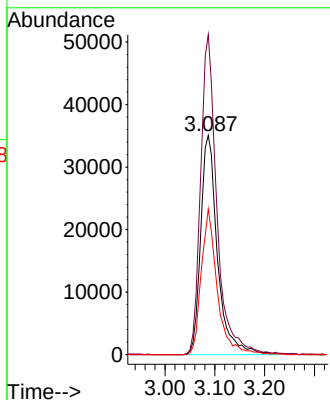
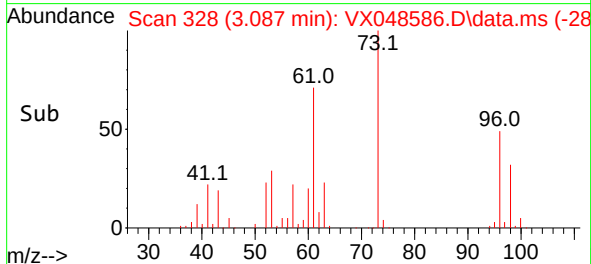
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



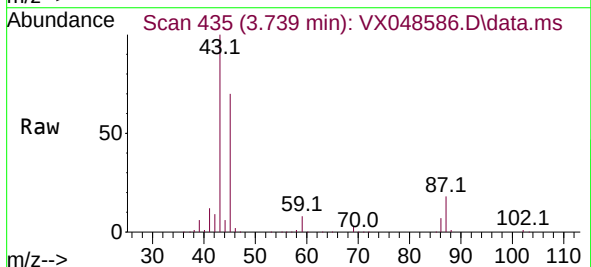
Tgt Ion: 96 Resp: 82333
Ion Ratio Lower Upper
96 100
61 145.9 106.7 160.1
98 66.4 52.7 79.1

Manual Integrations
APPROVED

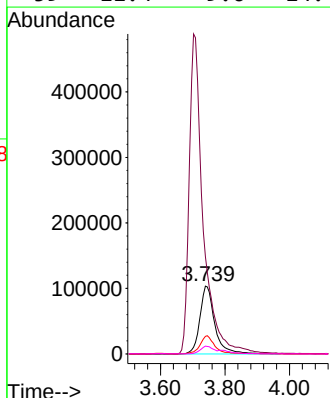
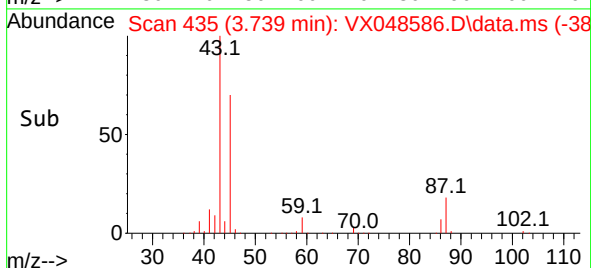
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

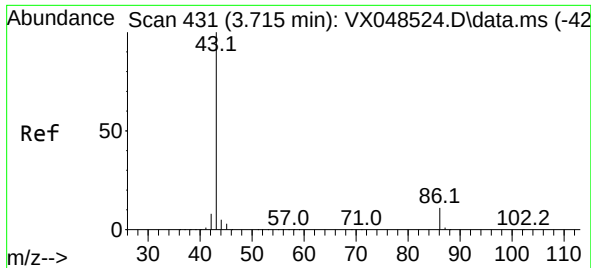


#22
Diisopropyl ether
Concen: 54.798 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion: 45 Resp: 329753
Ion Ratio Lower Upper
45 100
43 143.7 96.4 144.6
87 26.0 21.8 32.6
59 11.4 9.6 14.4





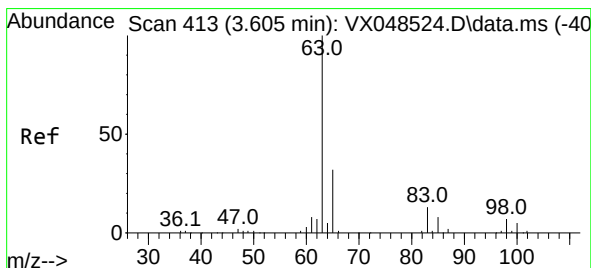
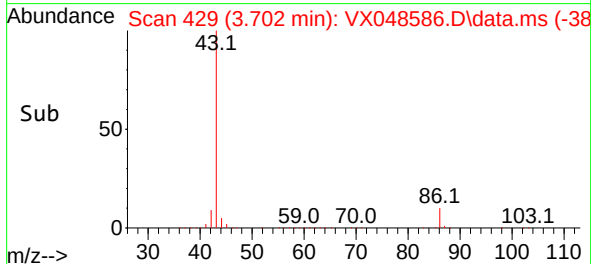
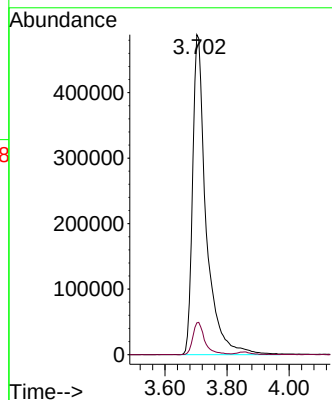
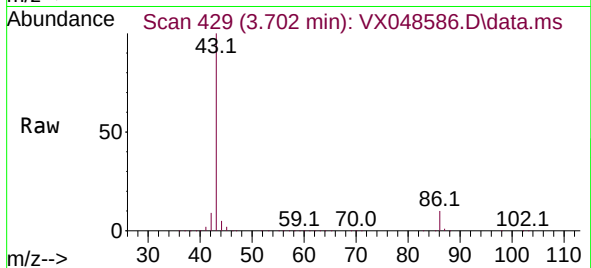
#23
 Vinyl Acetate
 Concen: 280.427 ug/l
 RT: 3.702 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX048586.D
 Acq: 13 Nov 2025 08:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 147794
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.0 13.6

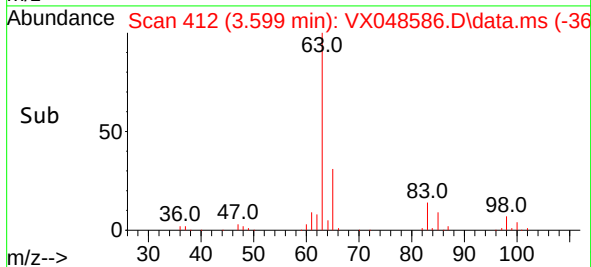
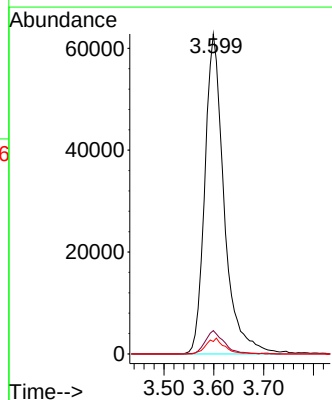
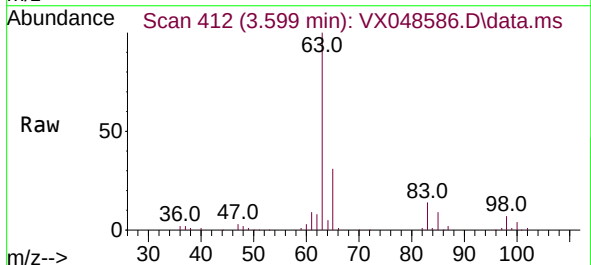
Manual Integrations
 APPROVED

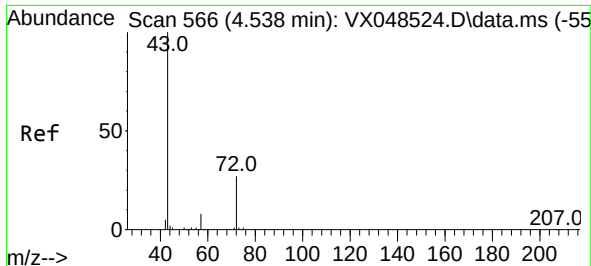
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#24
 1,1-Dichloroethane
 Concen: 51.126 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048586.D
 Acq: 13 Nov 2025 08:43

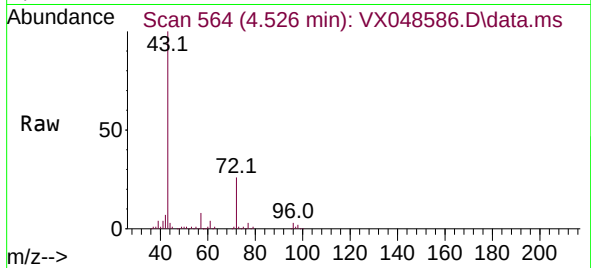
Tgt Ion: 63 Resp: 168813
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 269.041 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

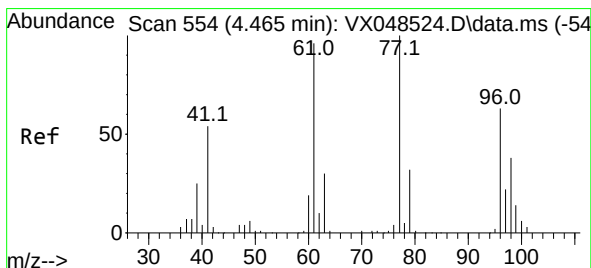
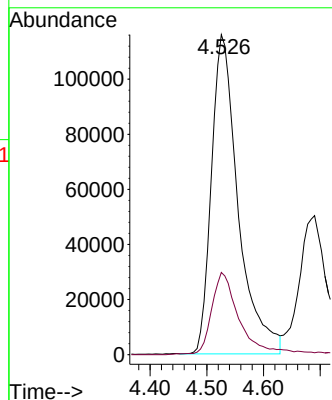
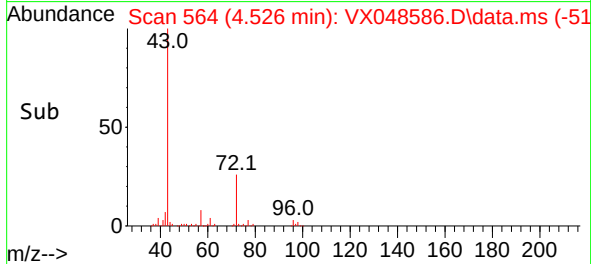
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 379573
Ion Ratio Lower Upper
43 100
72 25.4 21.5 32.3

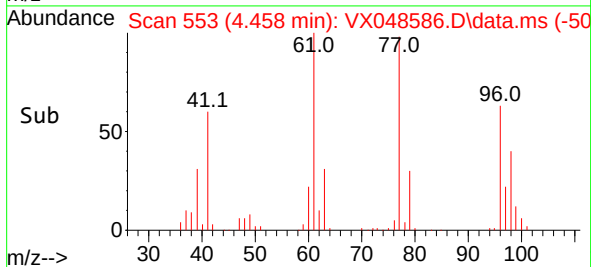
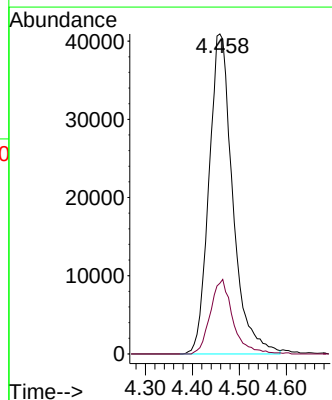
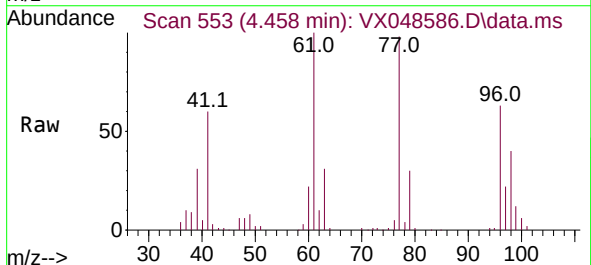
Manual Integrations
APPROVED

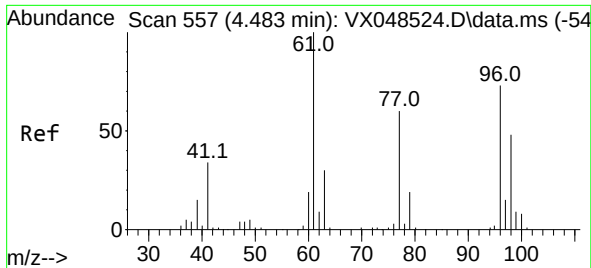
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#26
2,2-Dichloropropane
Concen: 51.056 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion: 77 Resp: 143721
Ion Ratio Lower Upper
77 100
97 22.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 48.155 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10500

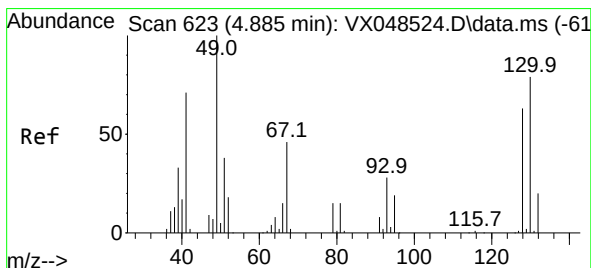
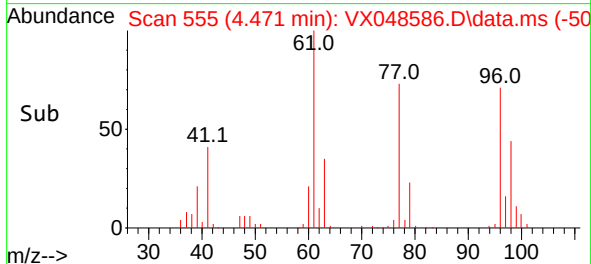
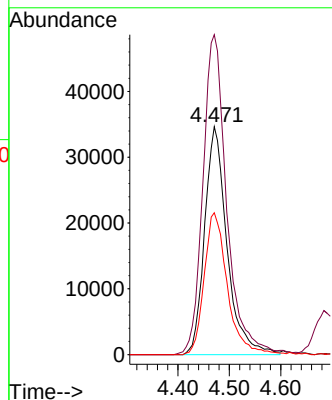
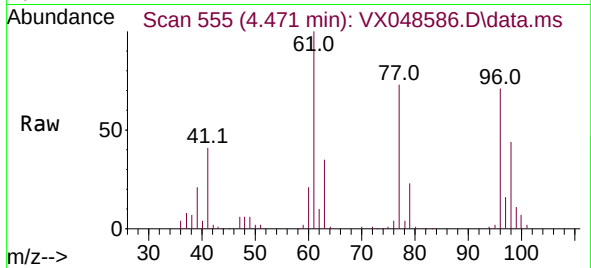
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	279.6
98	64.3	0.0	128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#28

Bromochloromethane

Concen: 48.943 ug/l

RT: 4.873 min Scan# 621

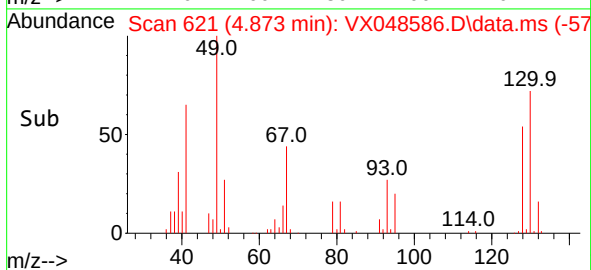
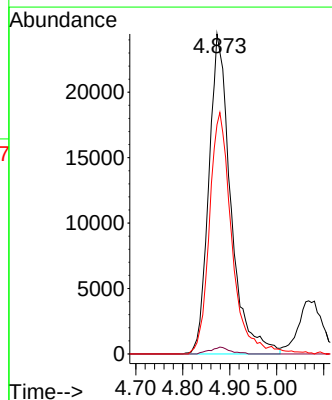
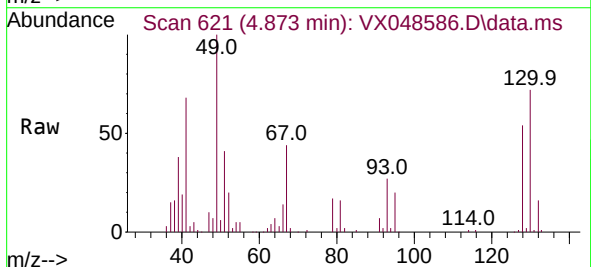
Delta R.T. -0.012 min

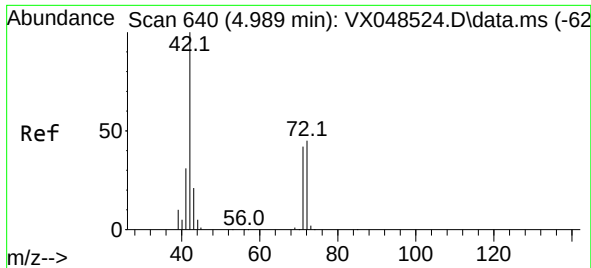
Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Tgt Ion: 49 Resp: 79389

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	77.1	65.9	98.9





#29

Tetrahydrofuran

Concen: 270.373 ug/l

RT: 4.971 min Scan# 637

Delta R.T. -0.018 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 272060

Ion Ratio Lower Upper

42 100

72 43.9 36.3 54.5

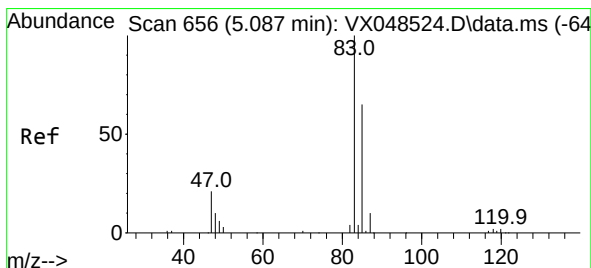
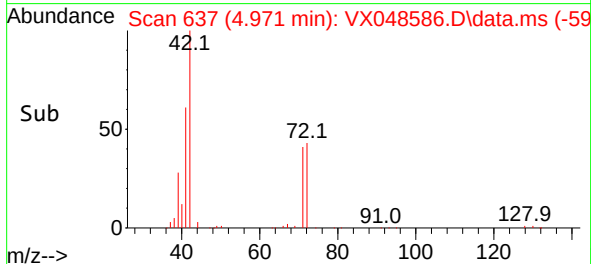
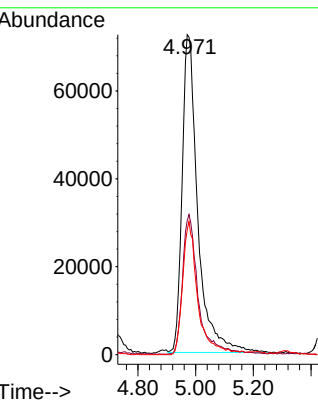
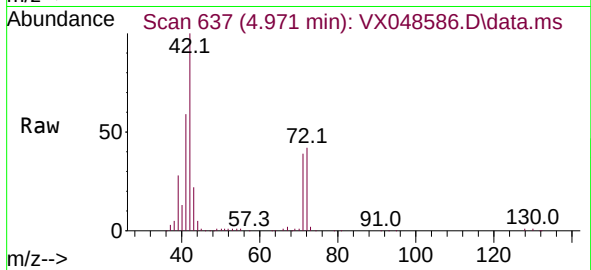
71 40.4 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#30

Chloroform

Concen: 51.650 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.012 min

Lab File: VX048586.D

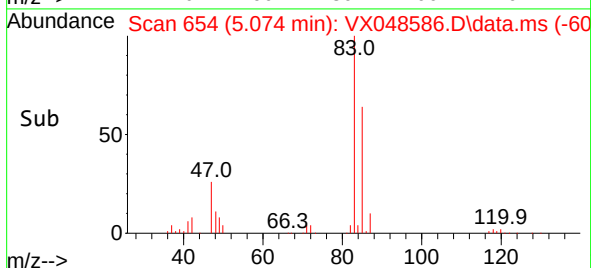
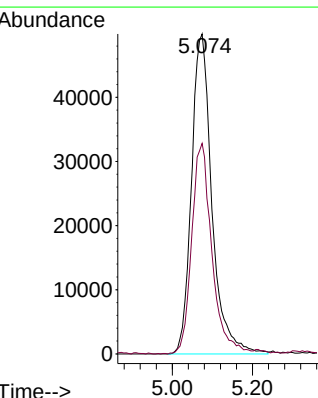
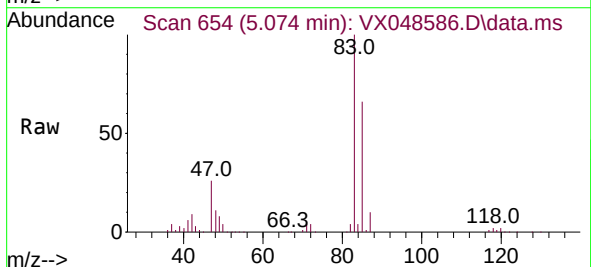
Acq: 13 Nov 2025 08:43

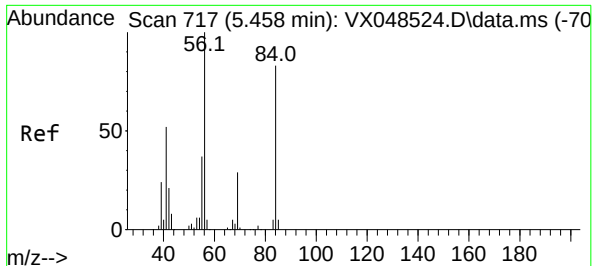
Tgt Ion: 83 Resp: 176062

Ion Ratio Lower Upper

83 100

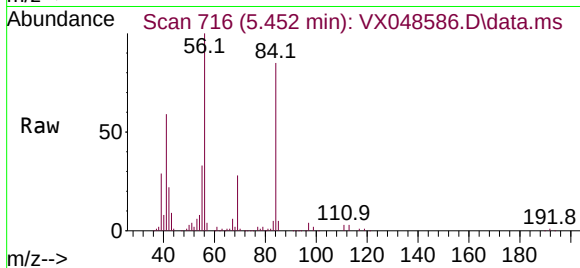
85 65.8 51.8 77.6





#31
Cyclohexane
Concen: 45.364 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

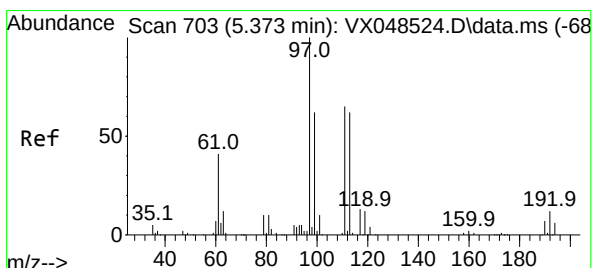
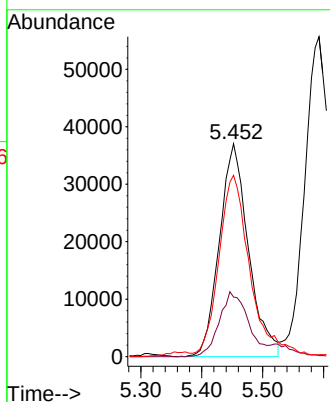
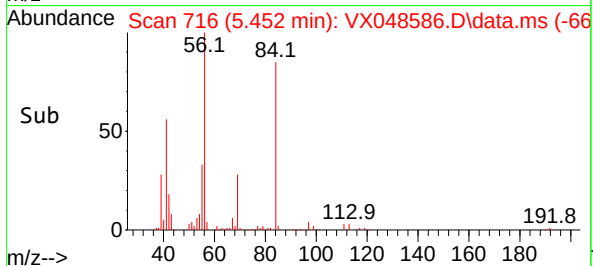
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



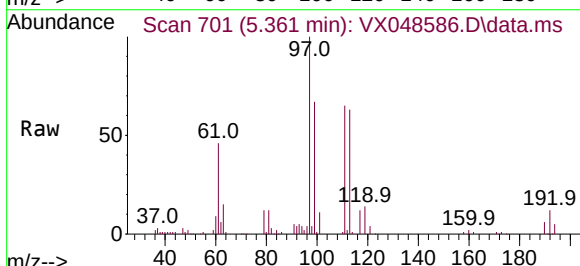
Tgt Ion: 56 Resp: 122730
Ion Ratio Lower Upper
56 100
69 28.0 23.4 35.2
84 83.2 66.3 99.5

Manual Integrations
APPROVED

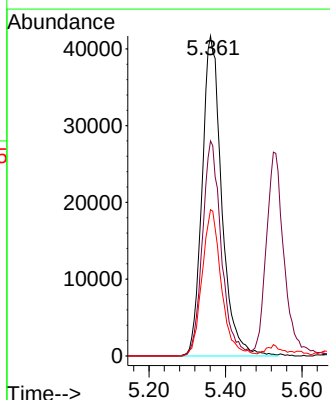
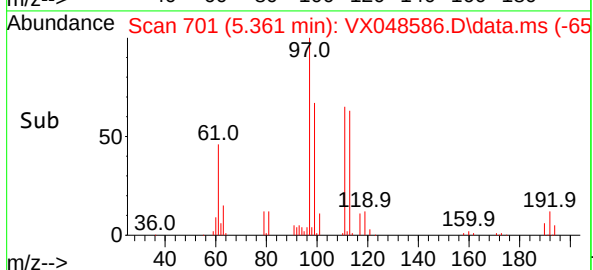
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

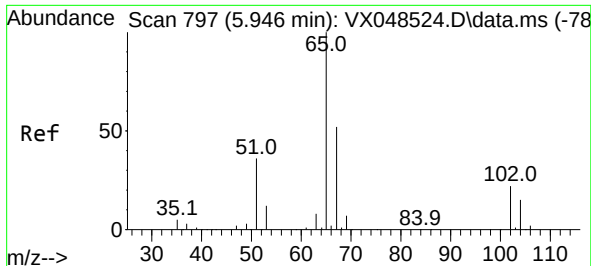


#32
1,1,1-Trichloroethane
Concen: 49.848 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion: 97 Resp: 148294
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.9 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 61.091 ug/l

RT: 5.934 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 123084

Ion Ratio Lower Upper

65 100

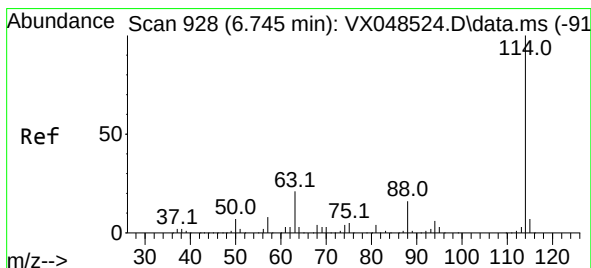
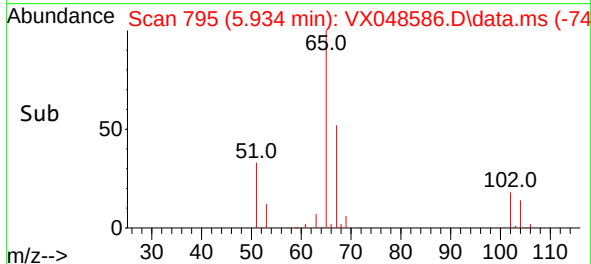
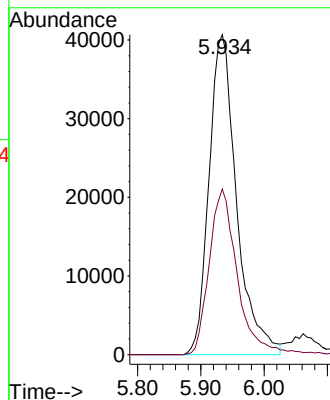
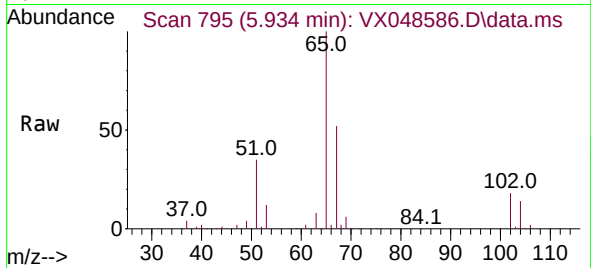
67 53.2 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

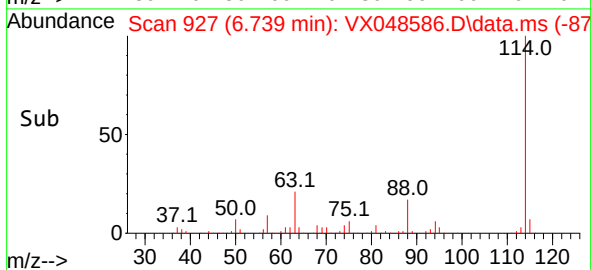
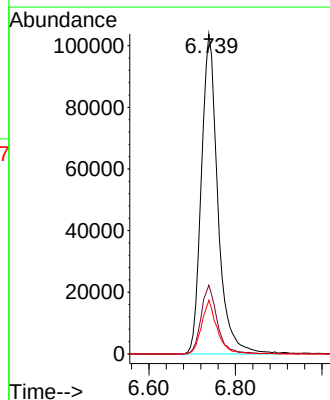
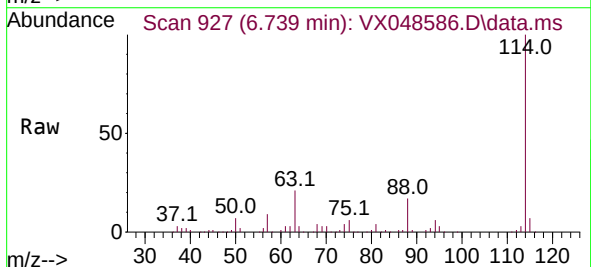
Tgt Ion:114 Resp: 274184

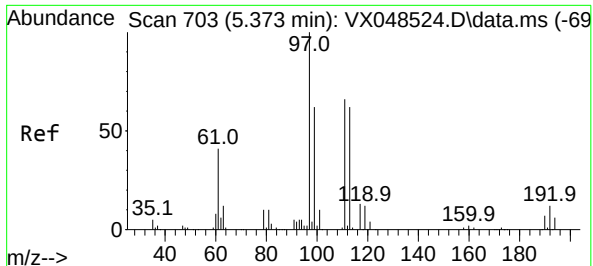
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.2

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 42.170 ug/l

RT: 5.361 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 87510

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

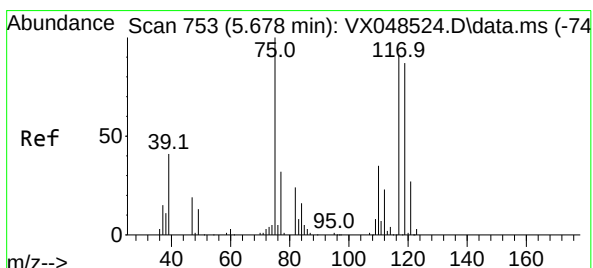
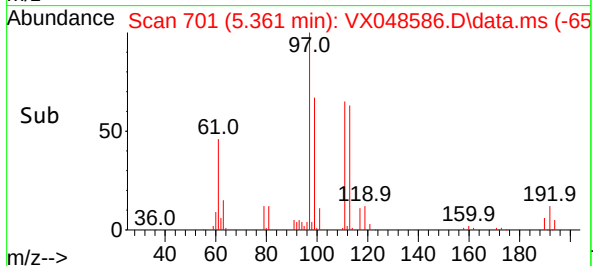
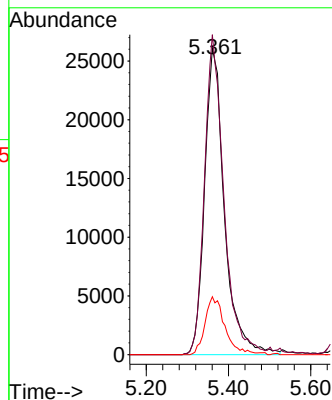
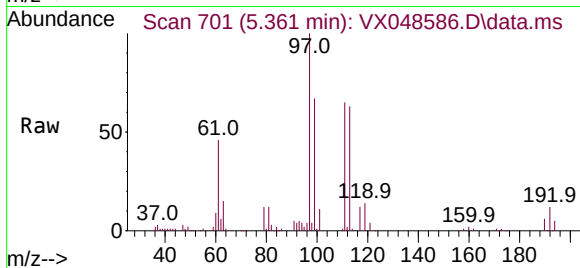
192 18.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#36

1,1-Dichloropropene

Concen: 39.801 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

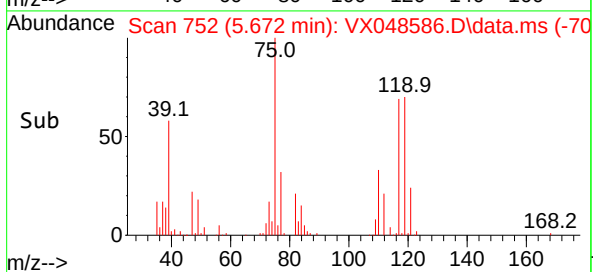
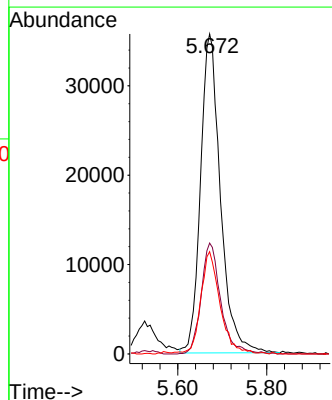
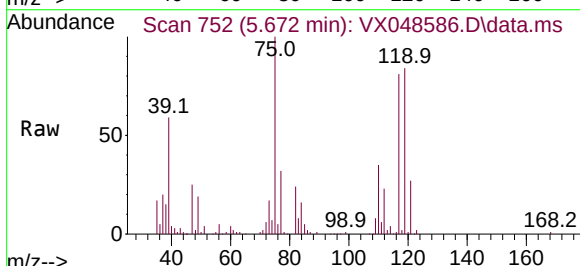
Tgt Ion: 75 Resp: 110597

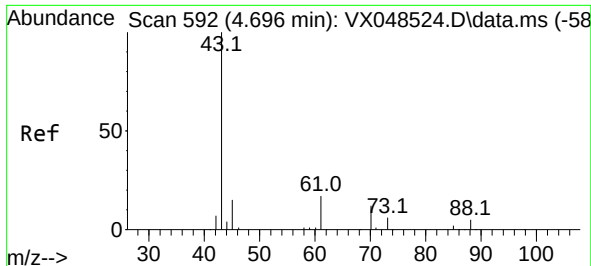
Ion Ratio Lower Upper

75 100

110 34.3 18.4 55.4

77 30.0 24.6 37.0





#37

Ethyl Acetate

Concen: 45.892 ug/l

RT: 4.690 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 179508

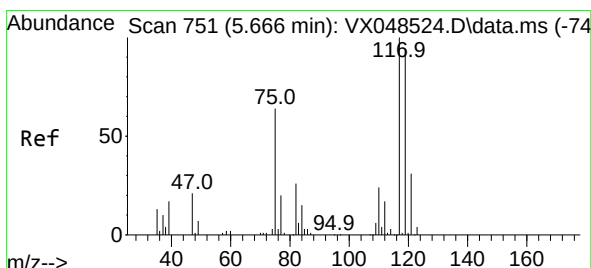
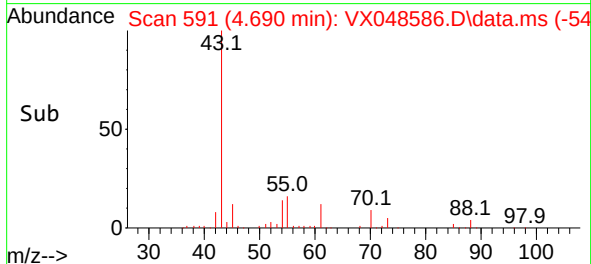
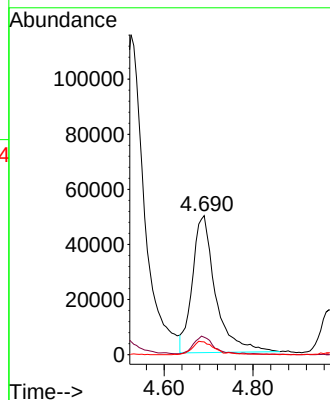
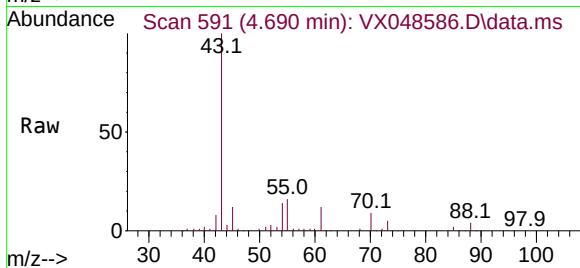
Ion	Ratio	Lower	Upper
43	100		
61	10.4	9.7	14.5
70	8.5	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#38

Carbon Tetrachloride

Concen: 39.788 ug/l

RT: 5.653 min Scan# 749

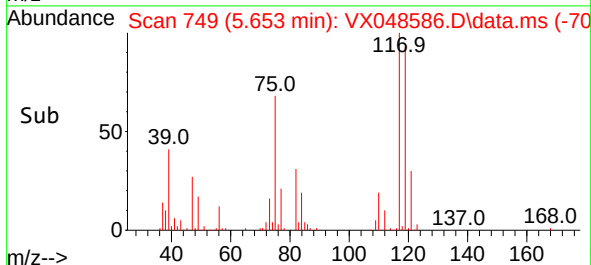
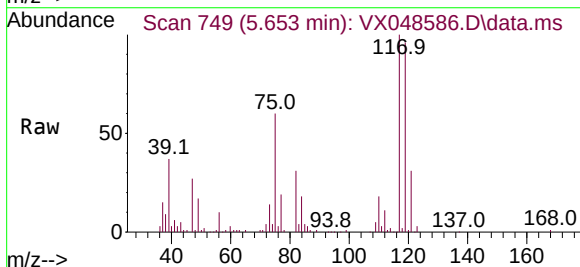
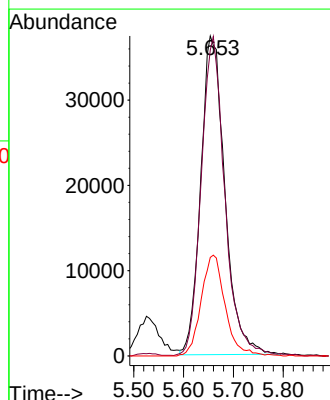
Delta R.T. -0.012 min

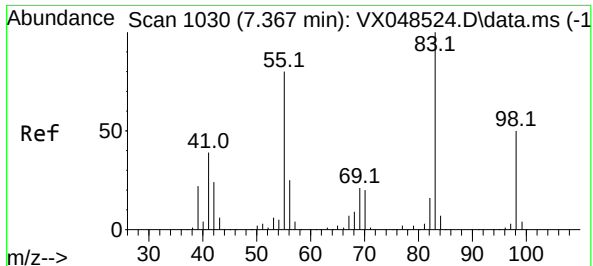
Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Tgt Ion:117 Resp: 125857

Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.5	111.7
121	30.8	24.8	37.2





#39

Methylcyclohexane

Concen: 48.192 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 150362

Ion Ratio Lower Upper

83 100

55 79.7 63.8 95.6

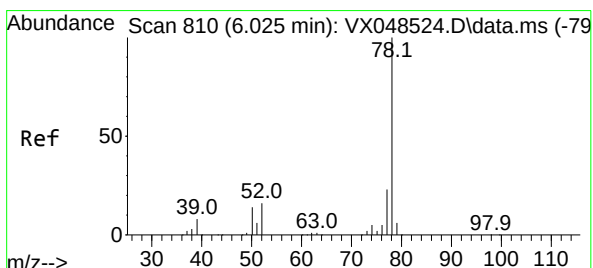
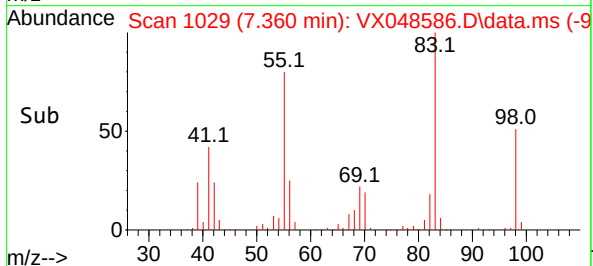
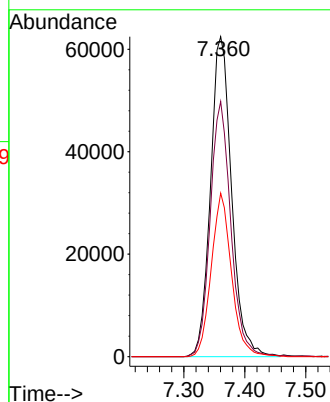
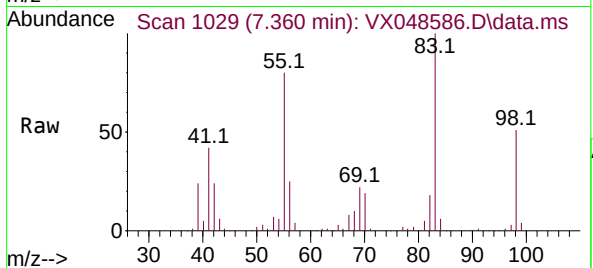
98 51.1 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#40

Benzene

Concen: 47.113 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048586.D

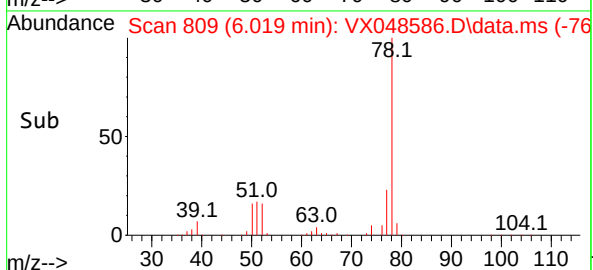
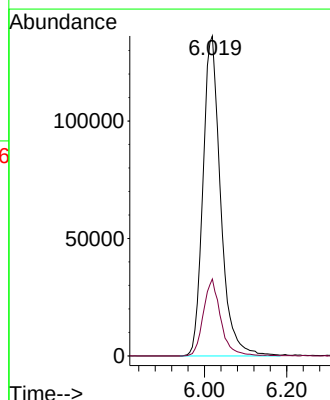
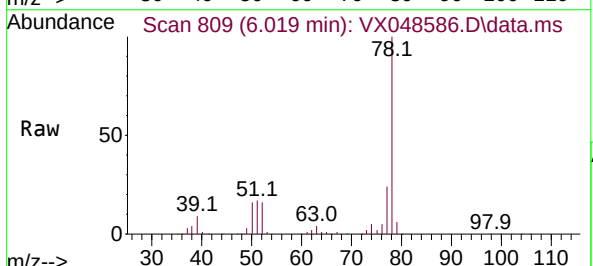
Acq: 13 Nov 2025 08:43

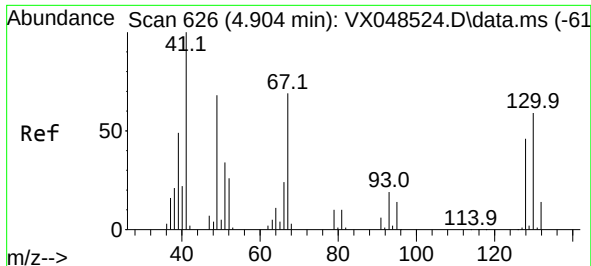
Tgt Ion: 78 Resp: 405812

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5





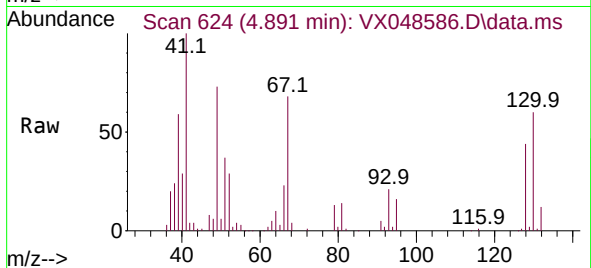
#41
Methacrylonitrile
Concen: 45.814 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



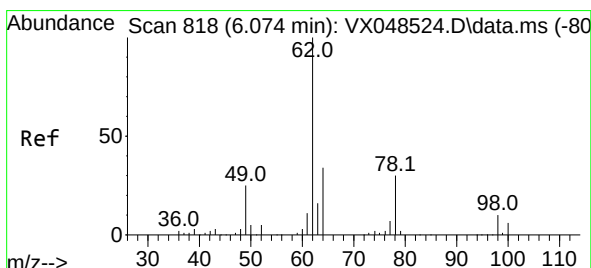
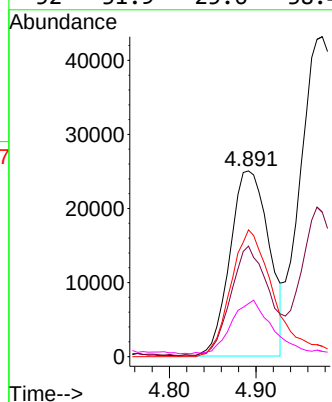
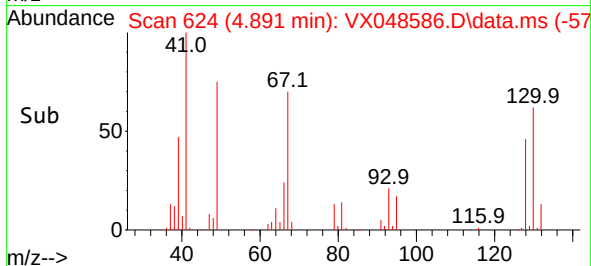
Tgt Ion: 41 Resp: 78808
Ion Ratio Lower Upper
41 100
39 58.7 41.1 61.7
67 76.9 64.2 96.2
52 31.9 25.6 38.4

Manual Integrations

APPROVED

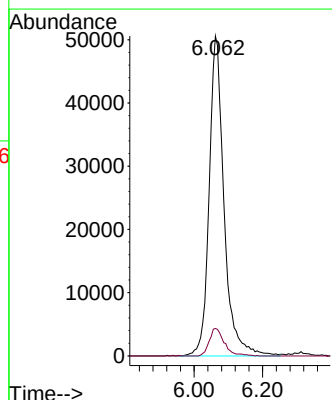
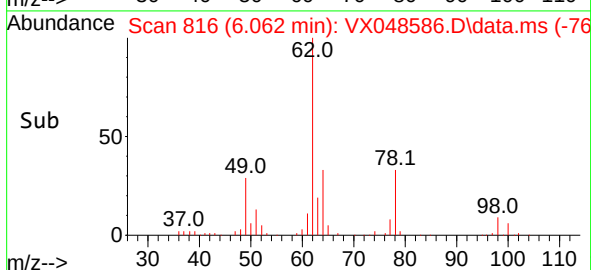
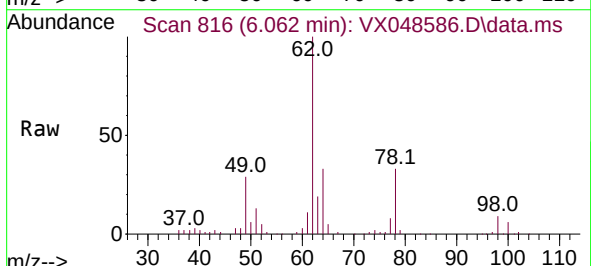
Reviewed By :John Carlone 11/14/2025

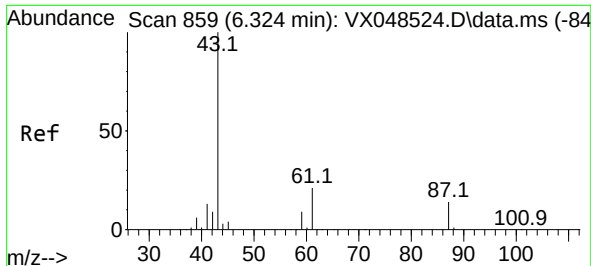
Supervised By :Mahesh Dadoda 11/14/2025



#42
1,2-Dichloroethane
Concen: 51.671 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

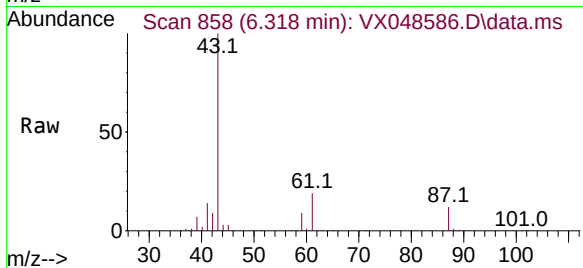
Tgt Ion: 62 Resp: 152494
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.149 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

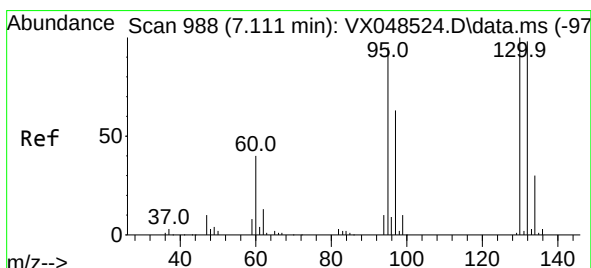
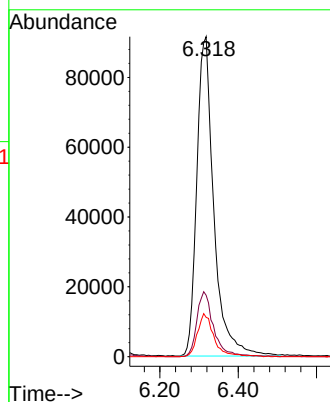
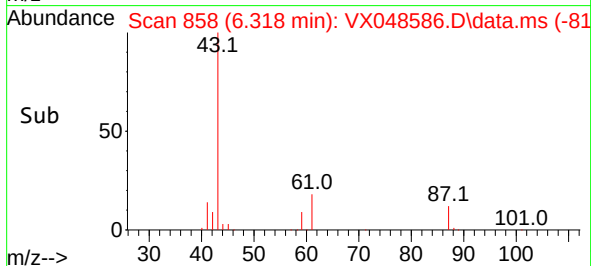
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



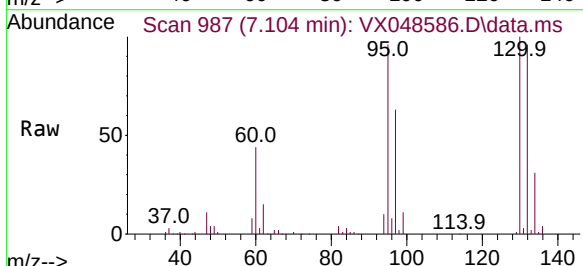
Tgt Ion: 43 Resp: 275740
Ion Ratio Lower Upper
43 100
61 19.9 16.2 24.4
87 12.9 10.9 16.3

Manual Integrations
APPROVED

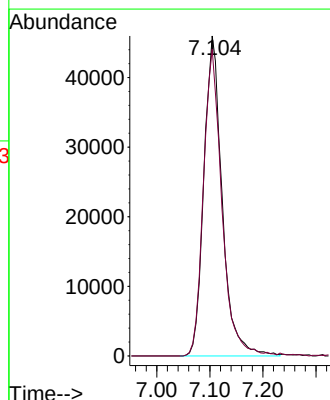
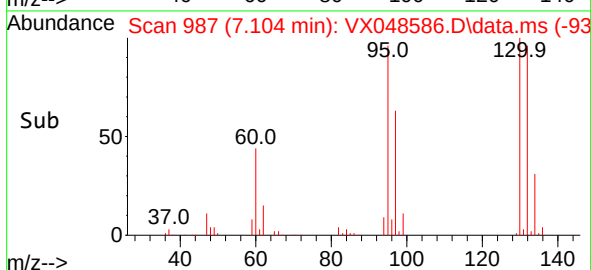
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

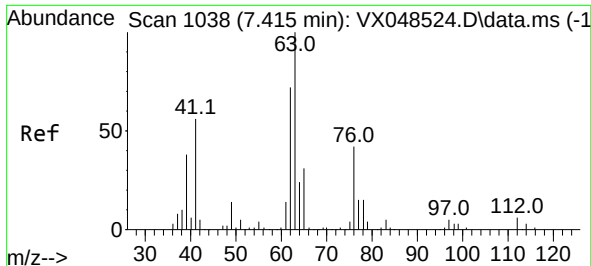


#44
Trichloroethene
Concen: 53.396 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion:130 Resp: 109936
Ion Ratio Lower Upper
130 100
95 95.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 56.134 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 111175

Ion Ratio Lower Upper

63 100

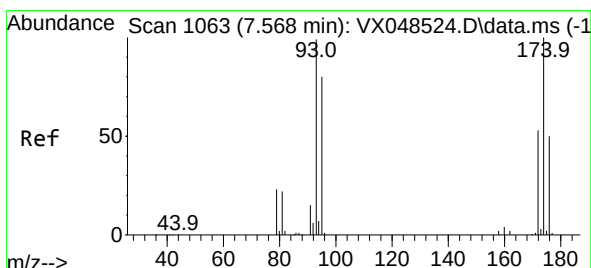
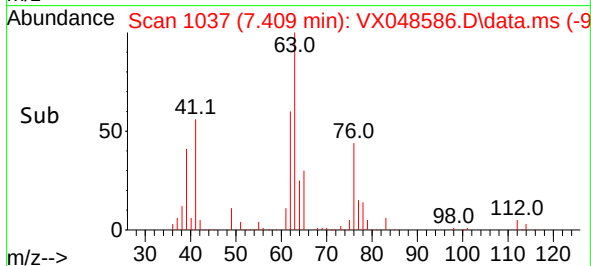
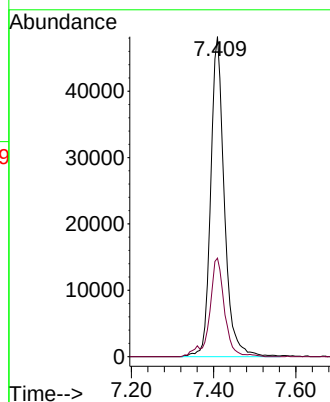
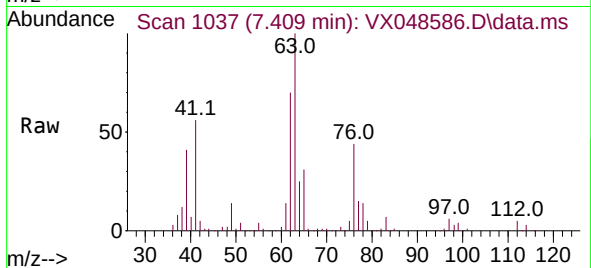
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#46

Dibromomethane

Concen: 57.774 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

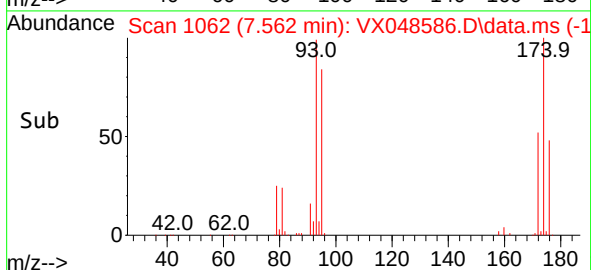
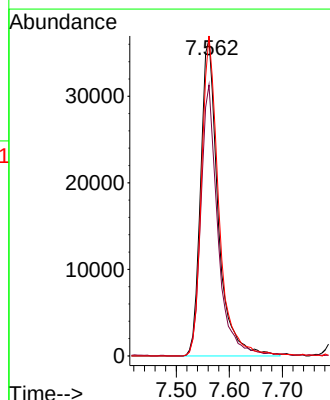
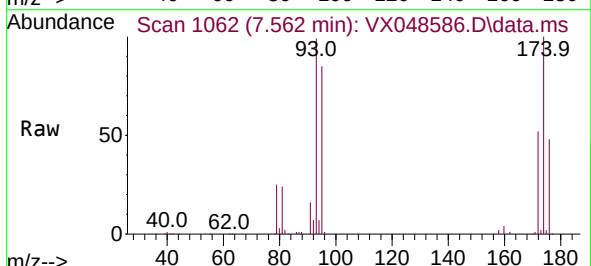
Tgt Ion: 93 Resp: 83457

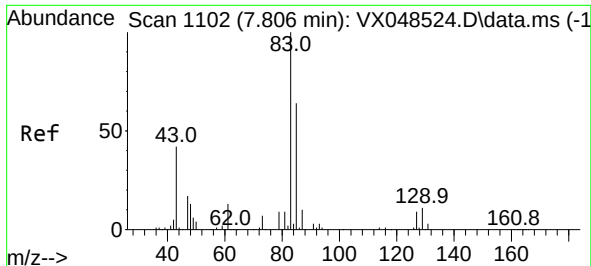
Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

174 100.2 83.0 124.6





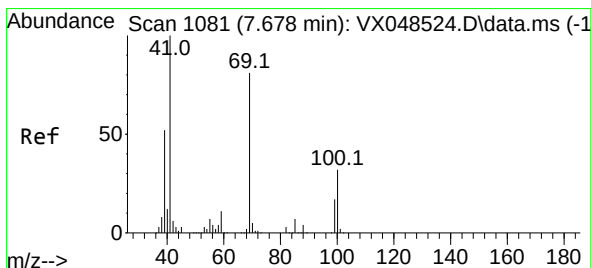
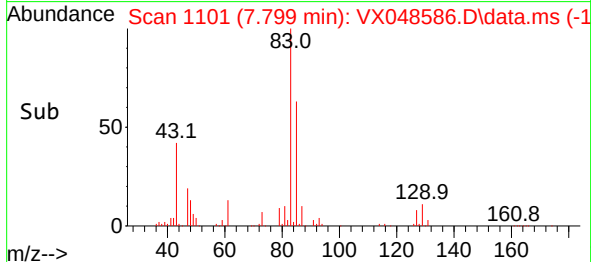
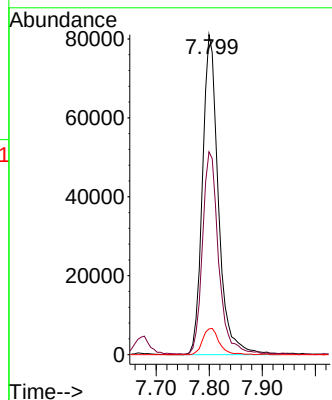
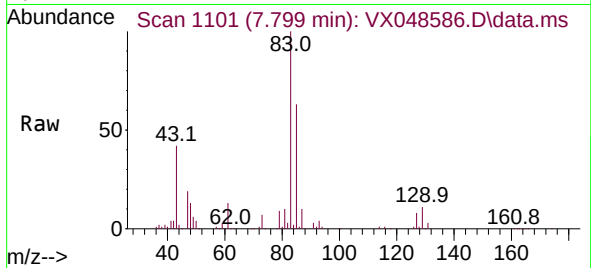
#47
Bromodichloromethane
Concen: 58.633 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 168969
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0
127 8.0 7.0 10.4

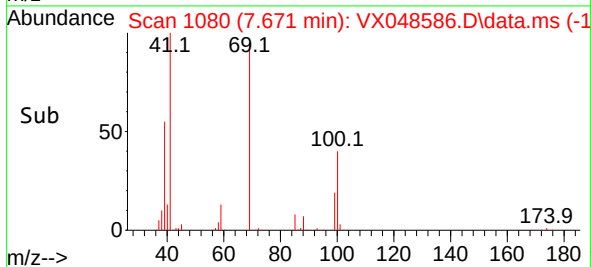
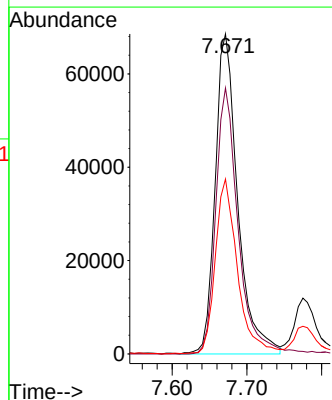
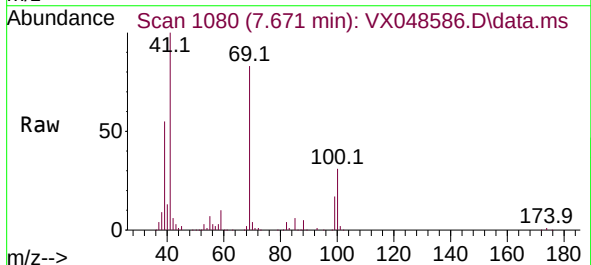
Manual Integrations
APPROVED

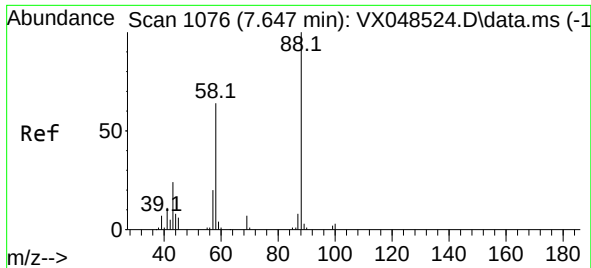
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#48
Methyl methacrylate
Concen: 58.900 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

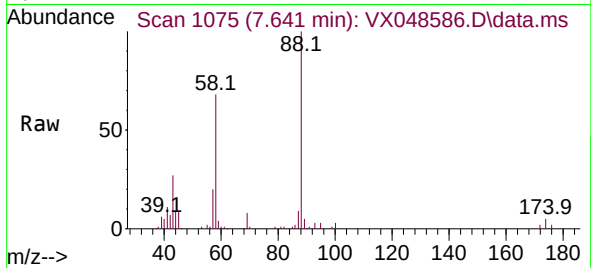
Tgt Ion: 41 Resp: 143966
Ion Ratio Lower Upper
41 100
69 83.0 67.9 101.9
39 53.3 42.2 63.2





#49
1,4-Dioxane
Concen: 1200.244 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

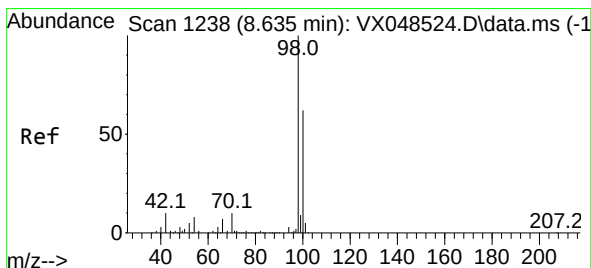
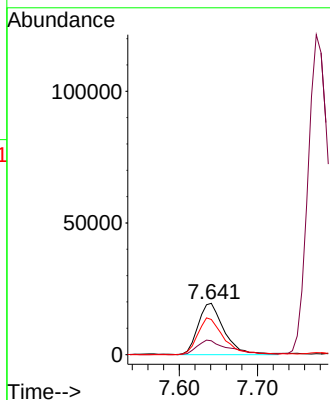
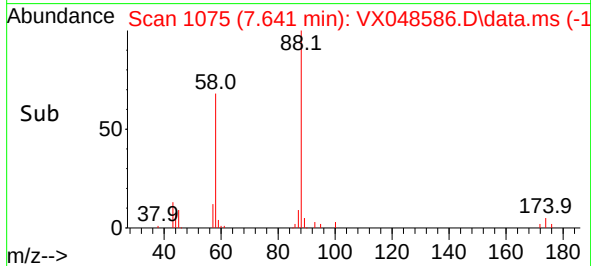
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 44702
Ion Ratio Lower Upper
88 100
43 33.7 25.1 37.7
58 71.4 56.7 85.1

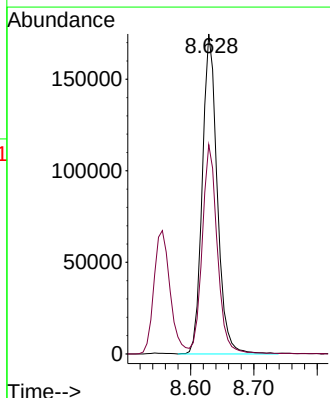
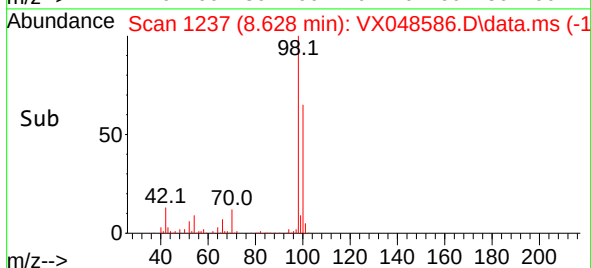
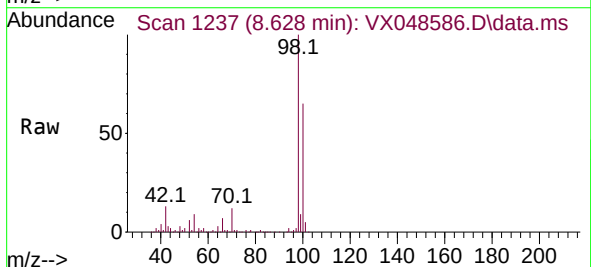
Manual Integrations
APPROVED

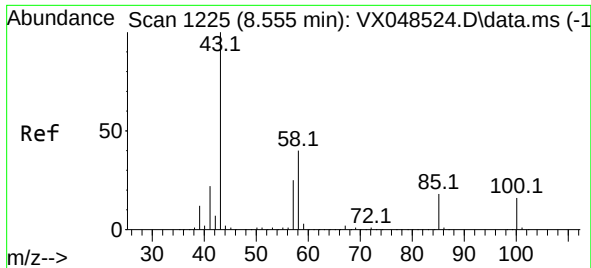
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#50
Toluene-d8
Concen: 44.015 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

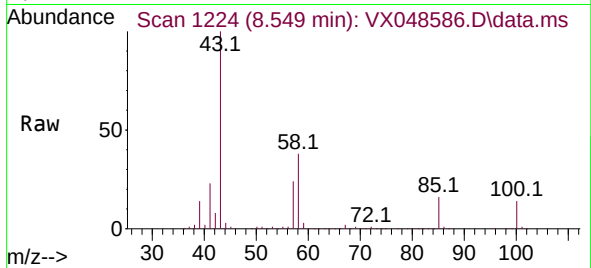
Tgt Ion: 98 Resp: 284877
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 261.762 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

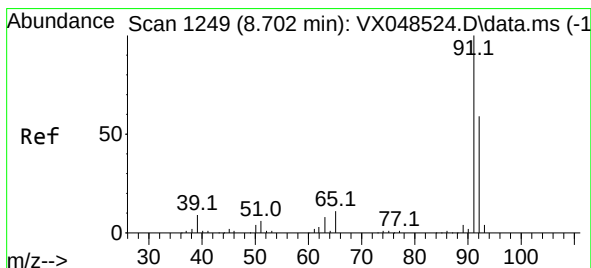
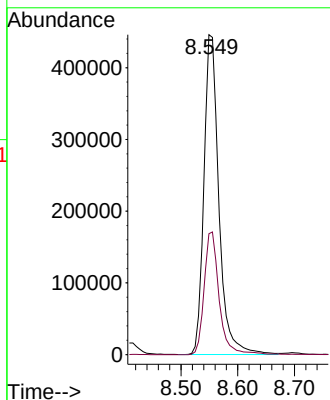
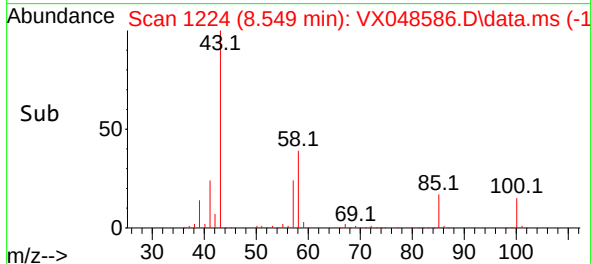
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



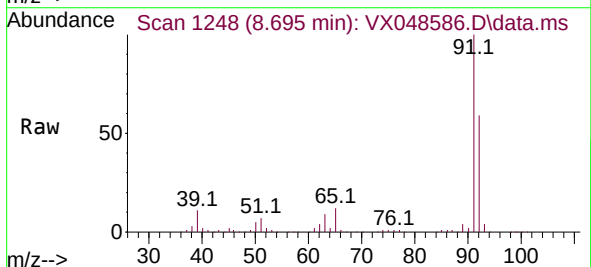
Tgt Ion: 43 Resp: 819279
Ion Ratio Lower Upper
43 100
58 38.6 32.3 48.5

Manual Integrations
APPROVED

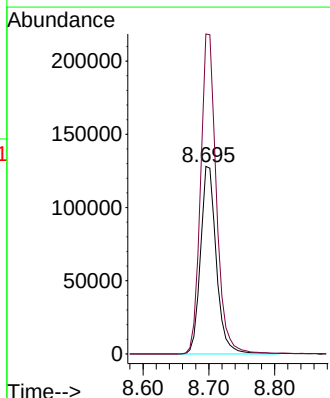
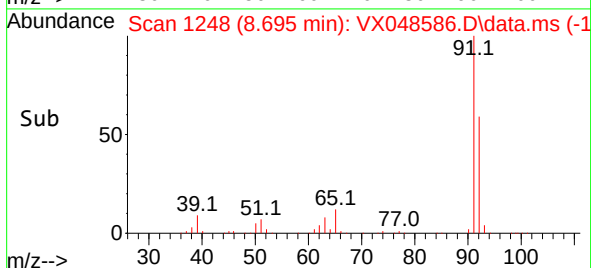
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

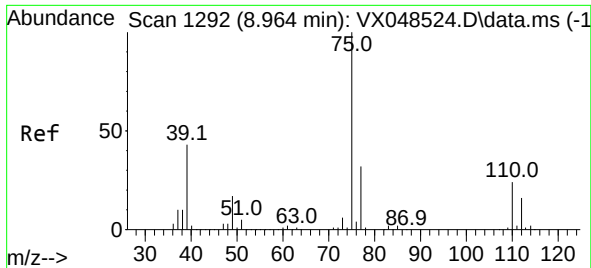


#52
Toluene
Concen: 47.149 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion: 92 Resp: 213817
Ion Ratio Lower Upper
92 100
91 171.4 137.0 205.6





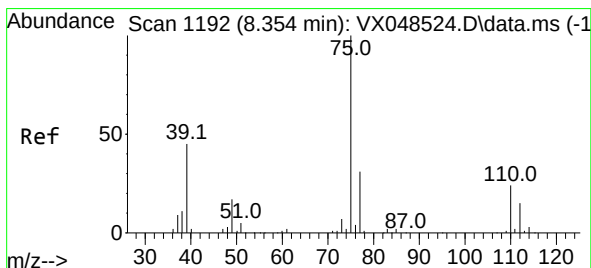
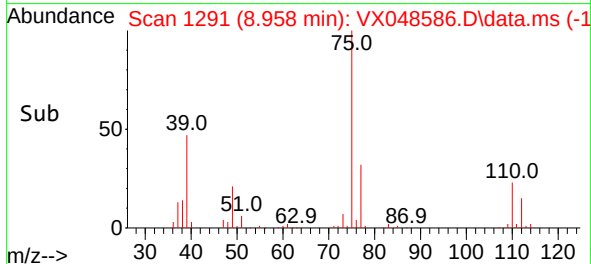
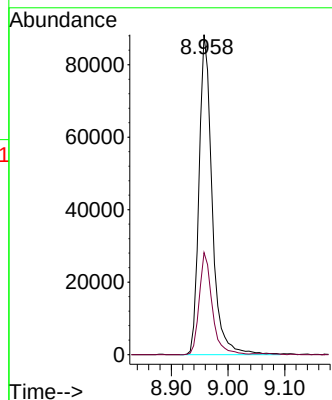
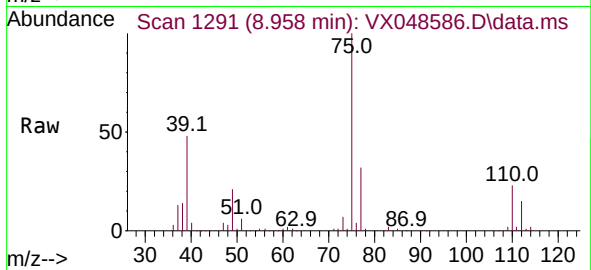
#53
t-1,3-Dichloropropene
Concen: 47.599 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 141340
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6

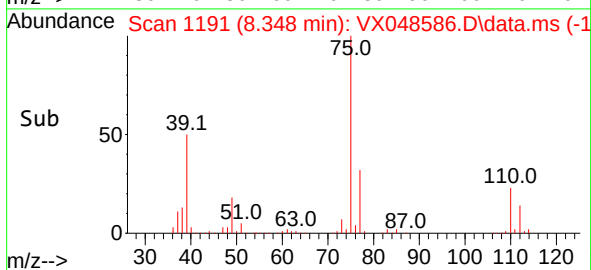
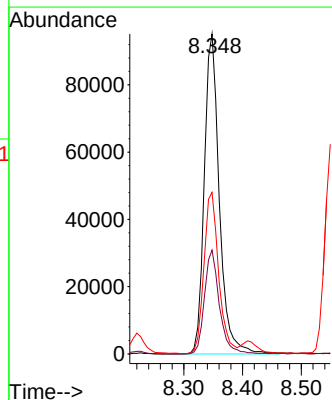
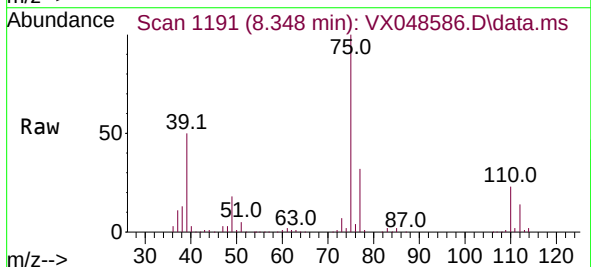
Manual Integrations
APPROVED

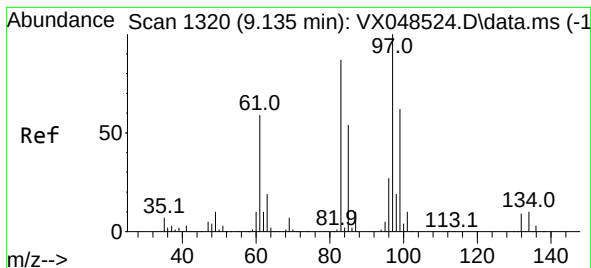
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#54
cis-1,3-Dichloropropene
Concen: 54.912 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion: 75 Resp: 168840
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 50.3 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 49.386 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

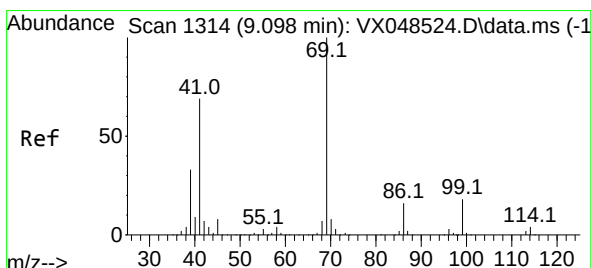
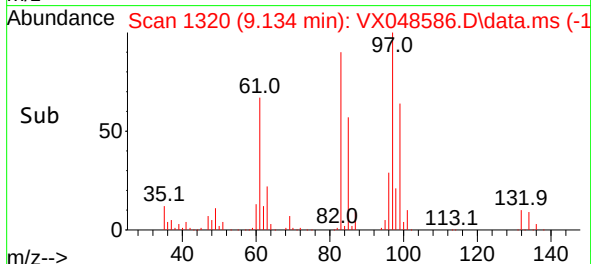
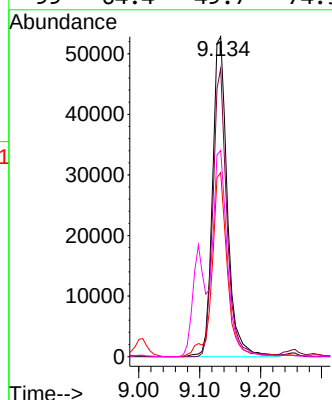
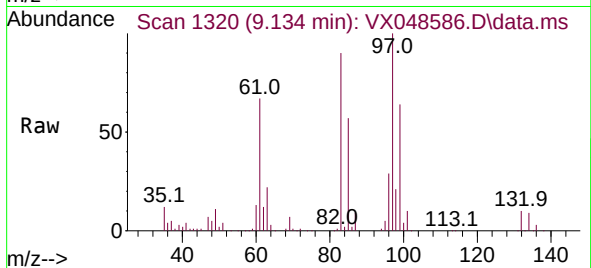
VSTDCCC050

Tgt Ion: 97 Resp: 89486
Ion Ratio Lower Upper
97 100
83 90.0 69.2 103.8
85 57.3 42.8 64.2
99 64.4 49.7 74.5

Manual Integrations

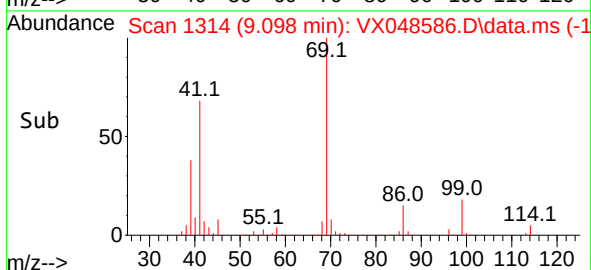
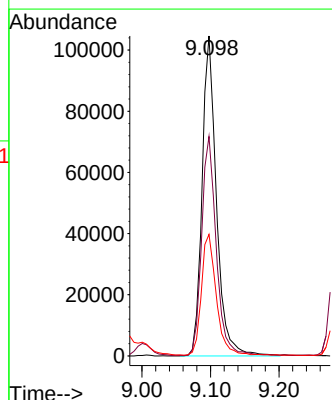
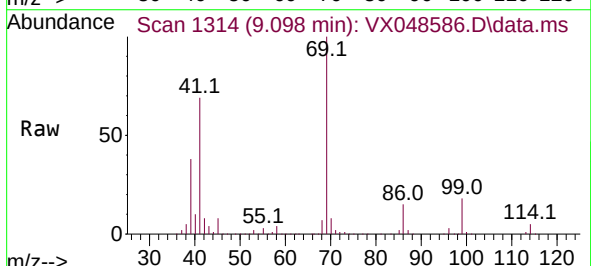
APPROVED

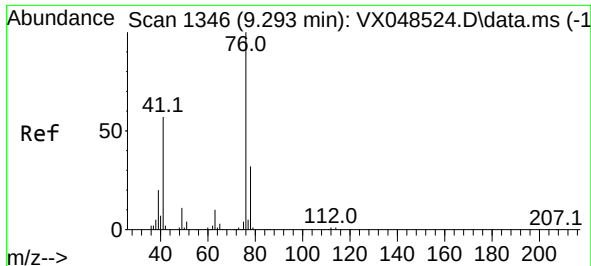
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#56
Ethyl methacrylate
Concen: 50.359 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

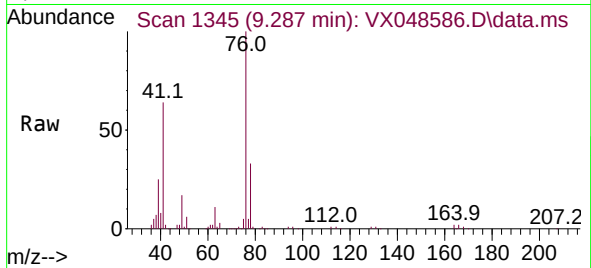
Tgt Ion: 69 Resp: 151805
Ion Ratio Lower Upper
69 100
41 69.8 53.3 79.9
39 39.3 26.1 39.1#





#57
1,3-Dichloropropane
Concen: 48.003 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

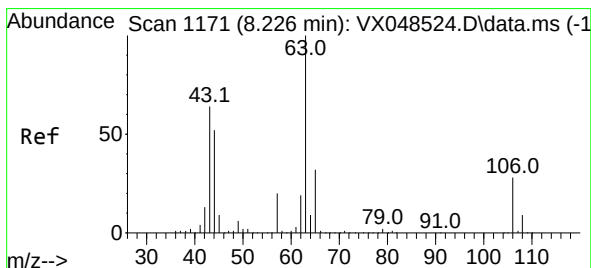
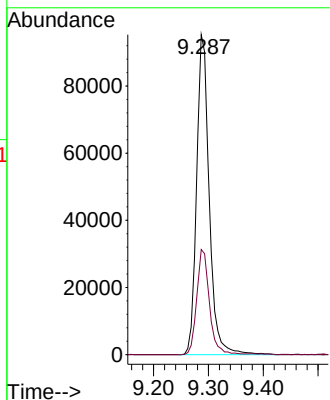
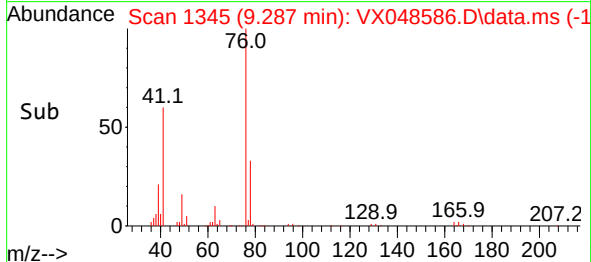
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 15138
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.2

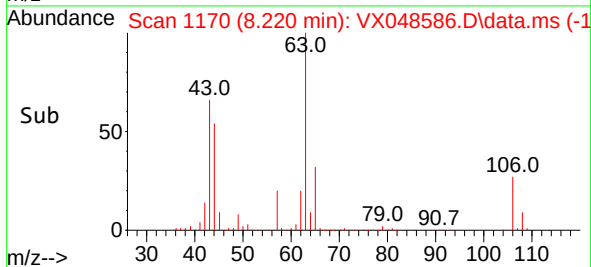
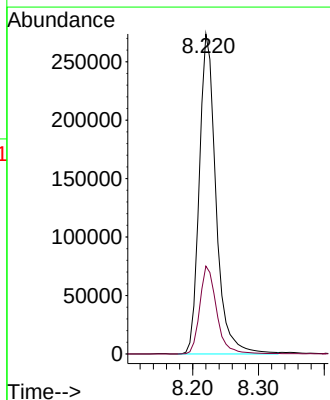
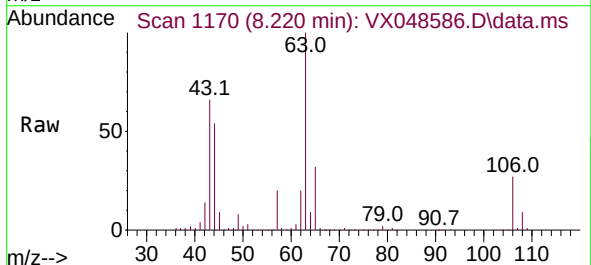
Manual Integrations
APPROVED

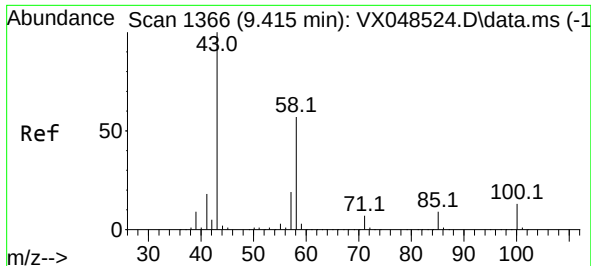
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 298.163 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion: 63 Resp: 483219
Ion Ratio Lower Upper
63 100
106 27.6 23.0 34.4





#59

2-Hexanone

Concen: 258.409 ug/l

RT: 9.409 min Scan# 1366

Delta R.T. -0.006 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 60162

Ion Ratio Lower Upper

43 100

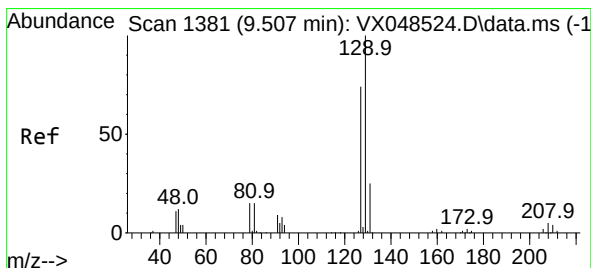
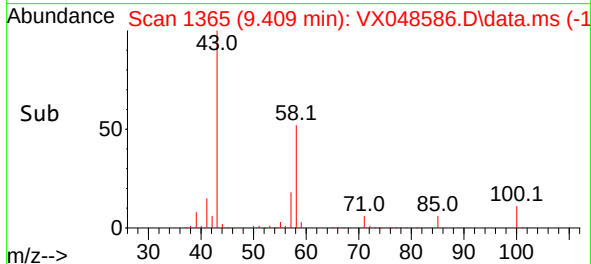
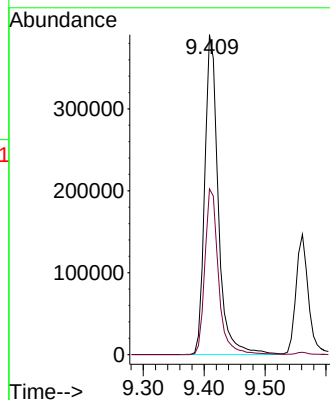
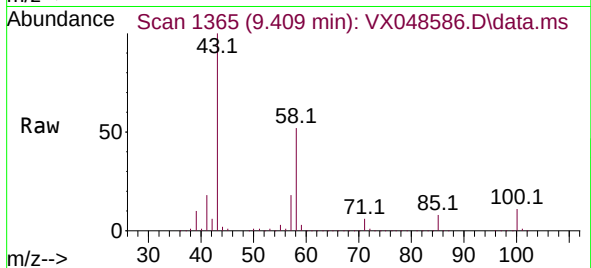
58 52.3 28.1 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#60

Dibromochloromethane

Concen: 49.286 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048586.D

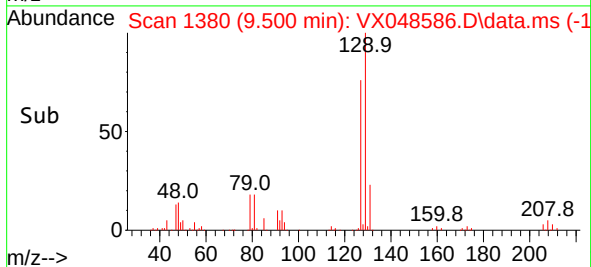
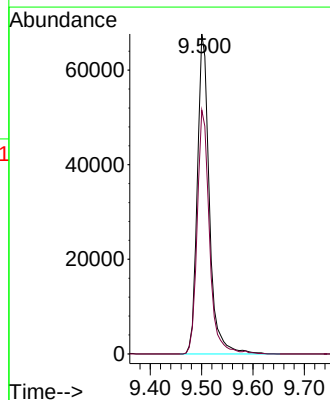
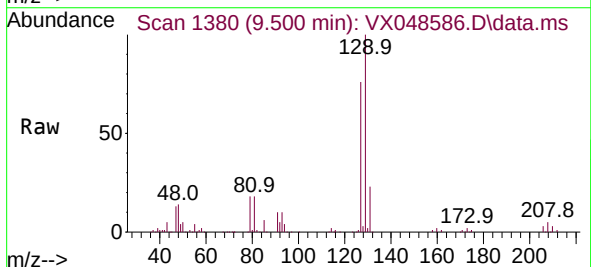
Acq: 13 Nov 2025 08:43

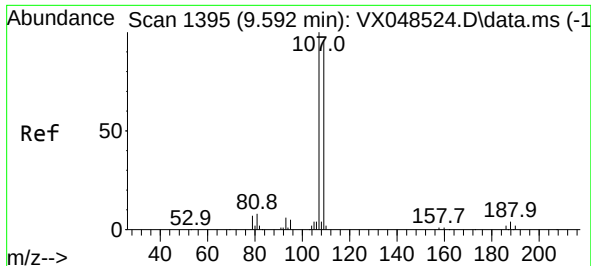
Tgt Ion:129 Resp: 109639

Ion Ratio Lower Upper

129 100

127 77.8 38.0 114.0





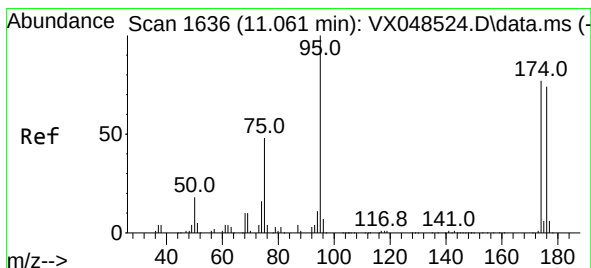
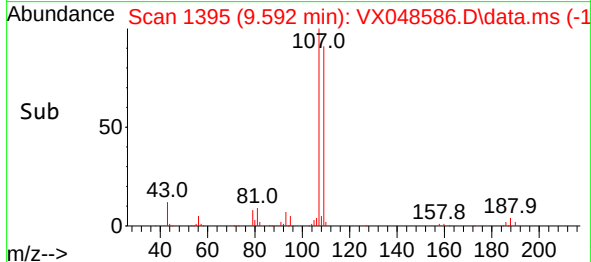
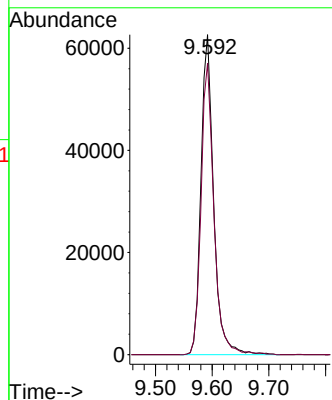
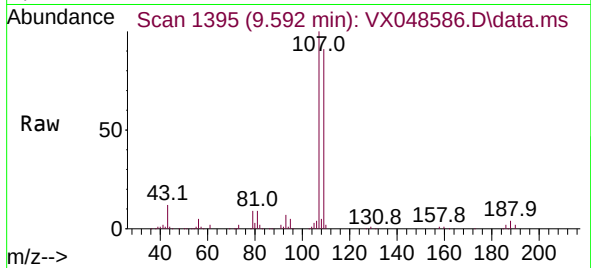
#61
1,2-Dibromoethane
Concen: 49.409 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 96962
Ion Ratio Lower Upper
107 100
109 92.7 75.3 112.9

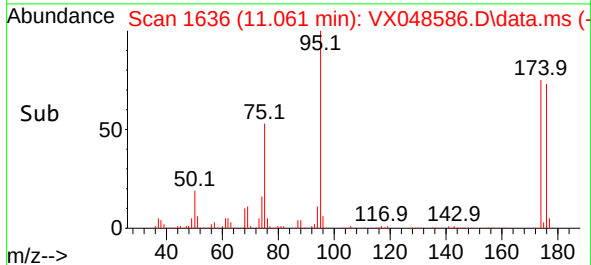
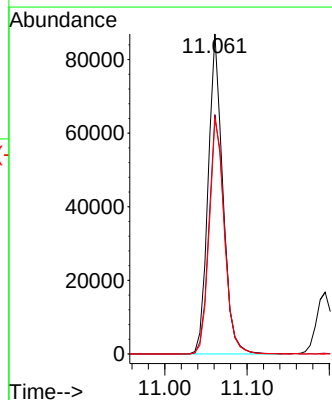
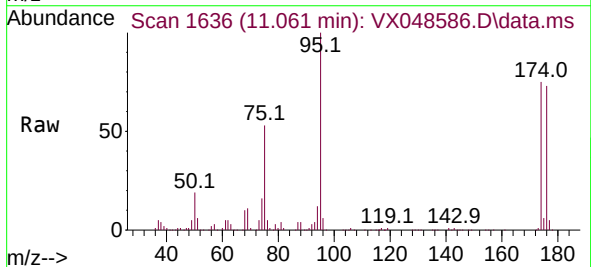
Manual Integrations
APPROVED

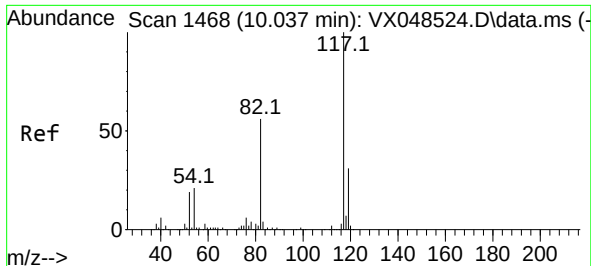
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#62
4-Bromofluorobenzene
Concen: 44.459 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

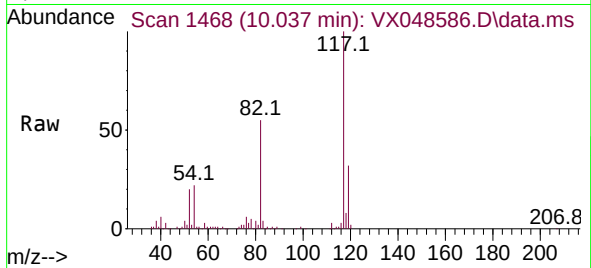
Tgt Ion: 95 Resp: 107235
Ion Ratio Lower Upper
95 100
174 79.1 0.0 161.8
176 76.5 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

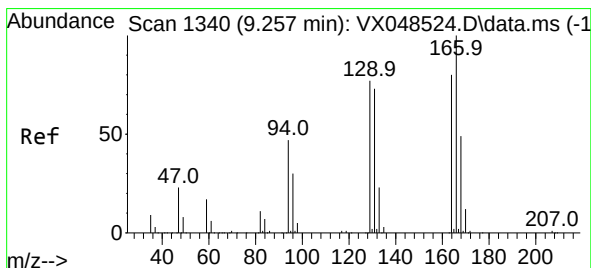
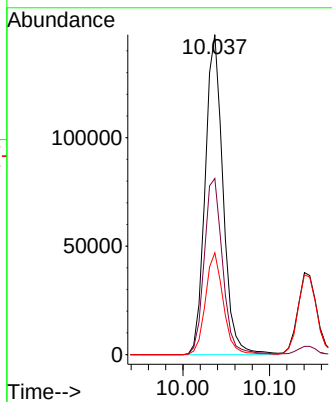
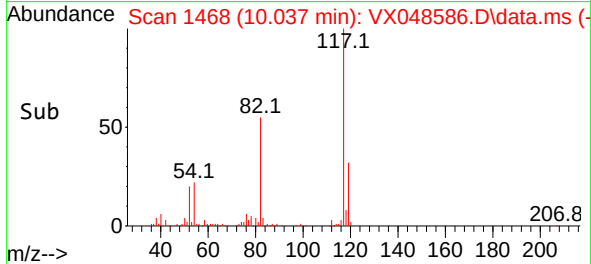
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion:117 Resp: 211212
Ion Ratio Lower Upper
117 100
82 55.0 44.4 66.6
119 31.8 25.1 37.7

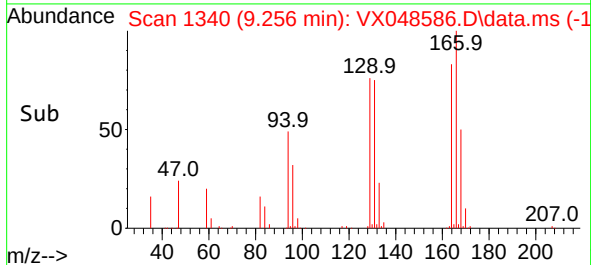
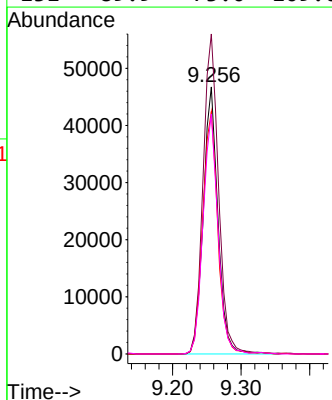
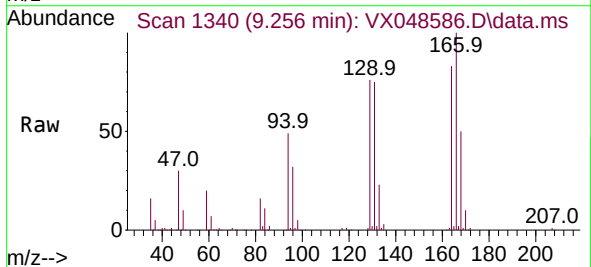
Manual Integrations
APPROVED

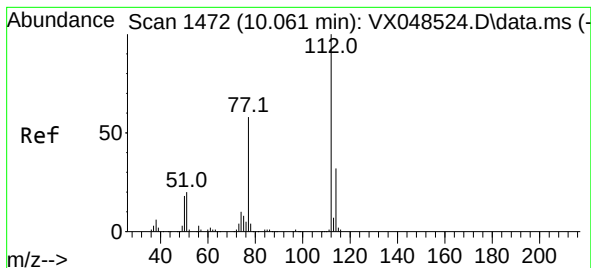
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#64
Tetrachloroethene
Concen: 45.153 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion:164 Resp: 69268
Ion Ratio Lower Upper
164 100
166 119.9 100.6 150.8
129 90.7 77.6 116.4
131 89.9 73.0 109.6





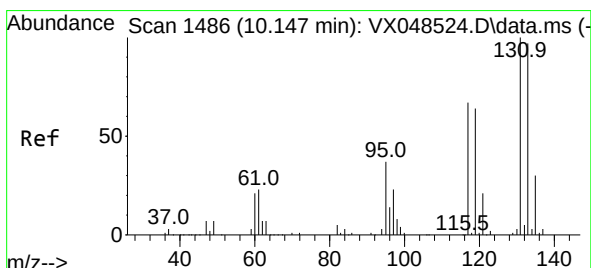
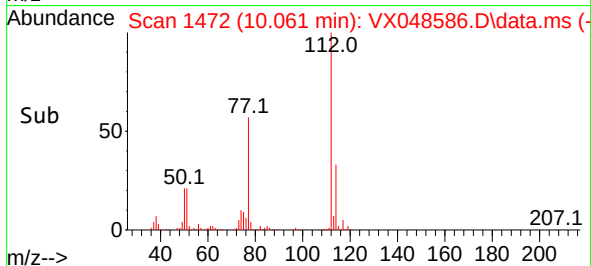
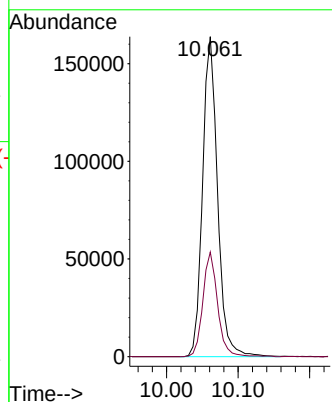
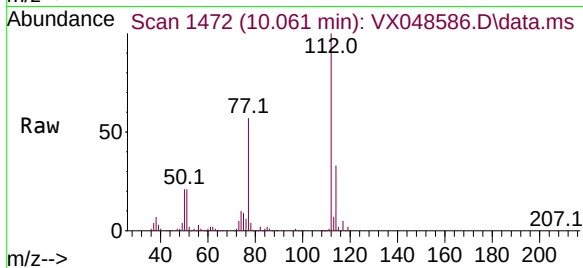
#65
Chlorobenzene
Concen: 47.456 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 237908
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

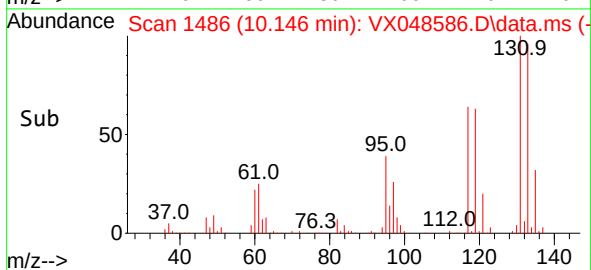
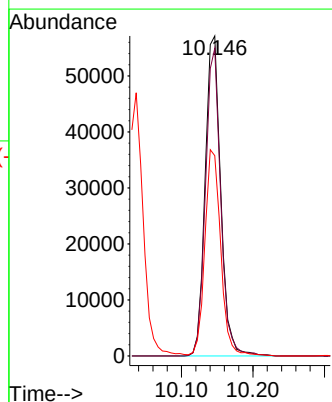
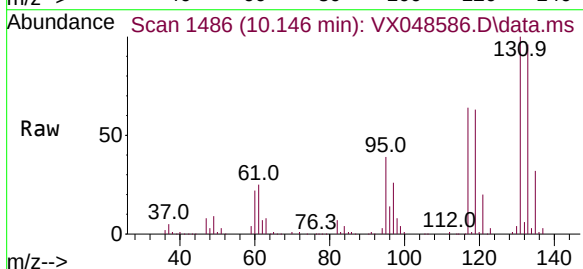
Manual Integrations
APPROVED

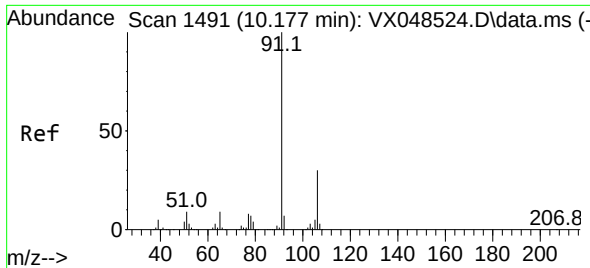
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.447 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

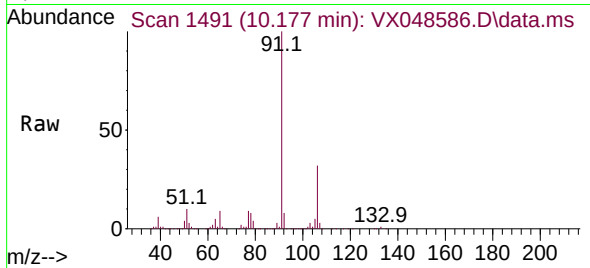
Tgt Ion:131 Resp: 86417
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.7
119 65.6 32.8 98.3





#67
Ethyl Benzene
Concen: 47.704 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

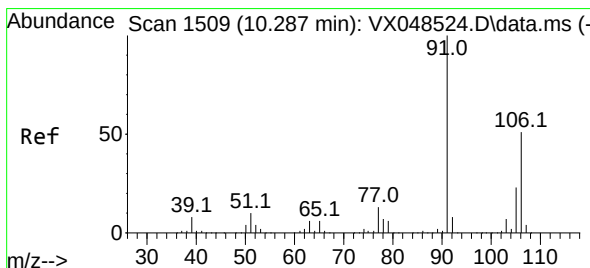
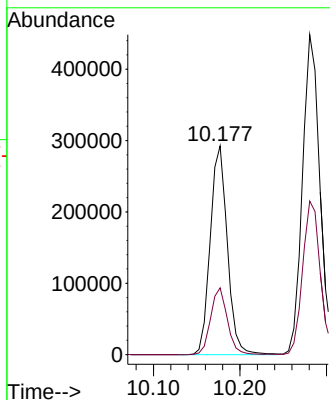
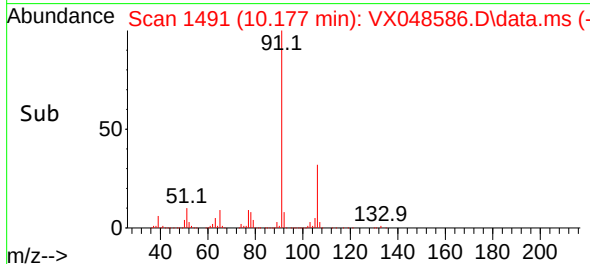
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



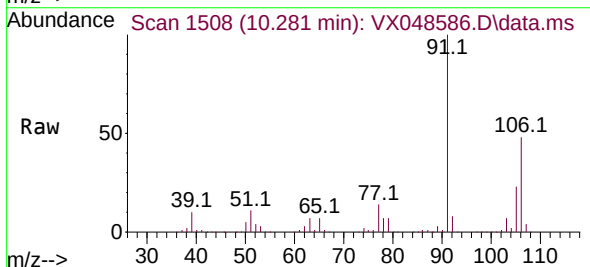
Tgt Ion: 91 Resp: 401588
Ion Ratio Lower Upper
91 100
106 32.0 24.1 36.1

Manual Integrations
APPROVED

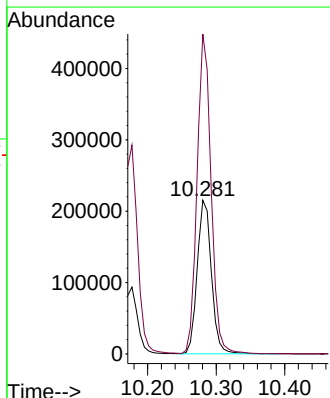
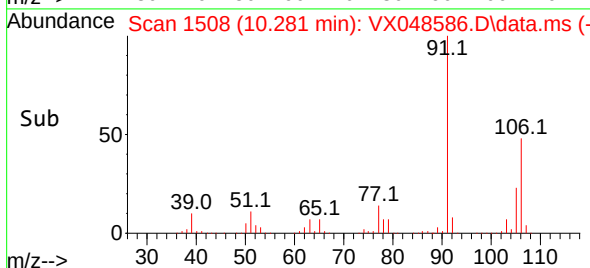
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

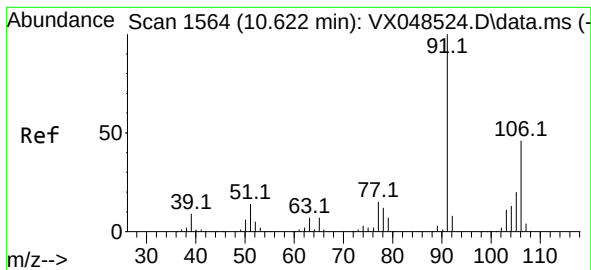


#68
m/p-Xylenes
Concen: 97.143 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion:106 Resp: 307994
Ion Ratio Lower Upper
106 100
91 205.2 159.6 239.4





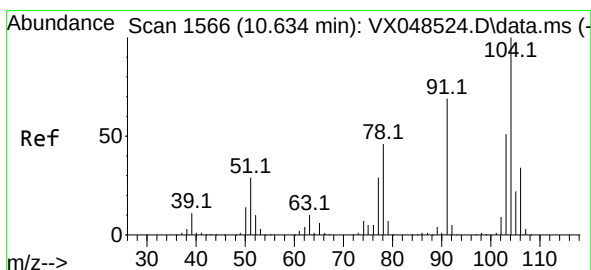
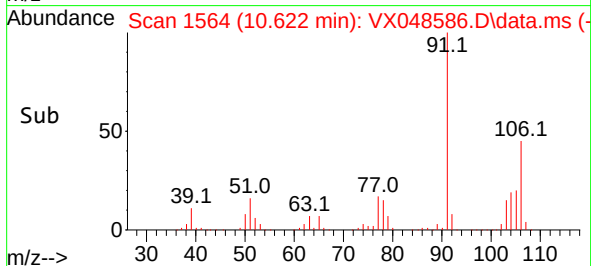
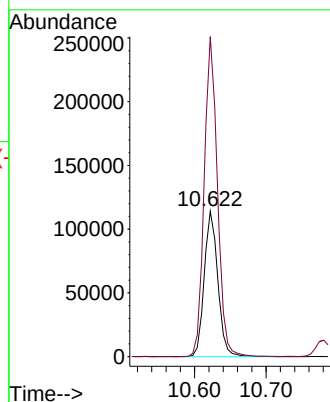
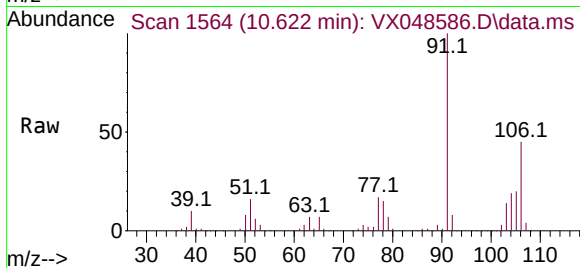
#69
o-Xylene
Concen: 48.332 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 149926
Ion Ratio Lower Upper
106 100
91 215.2 106.4 319.2

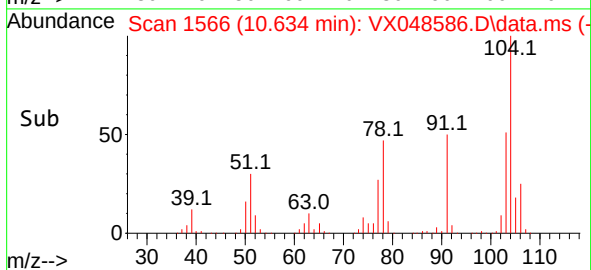
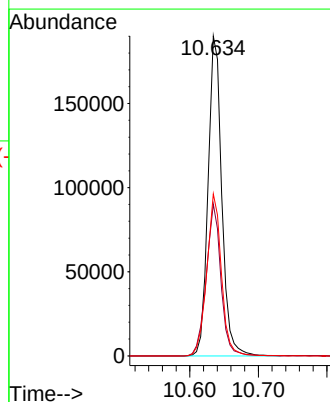
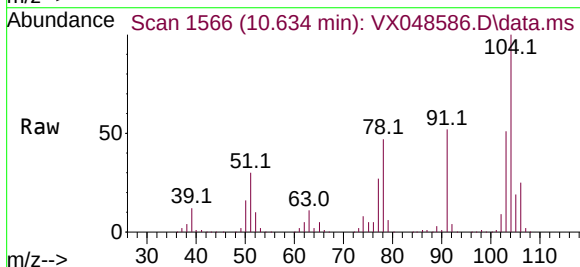
Manual Integrations
APPROVED

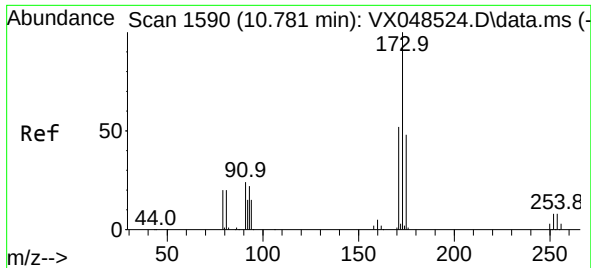
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#70
Styrene
Concen: 50.720 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

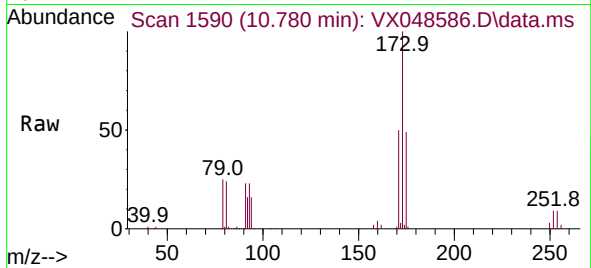
Tgt Ion:104 Resp: 263927
Ion Ratio Lower Upper
104 100
78 50.7 39.4 59.2
103 53.9 43.1 64.7





#71
Bromoform
Concen: 49.738 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

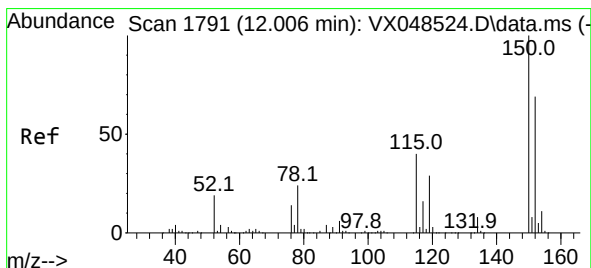
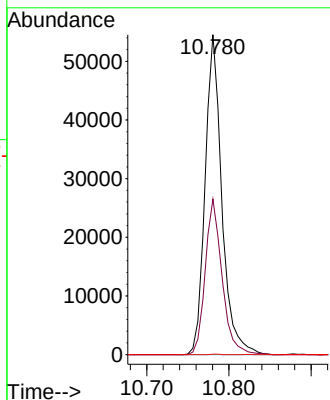
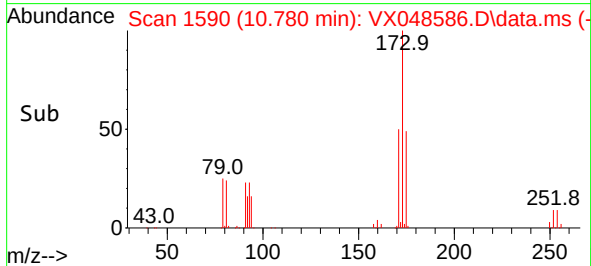
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 77078
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.4
254 0.1 0.1 0.1

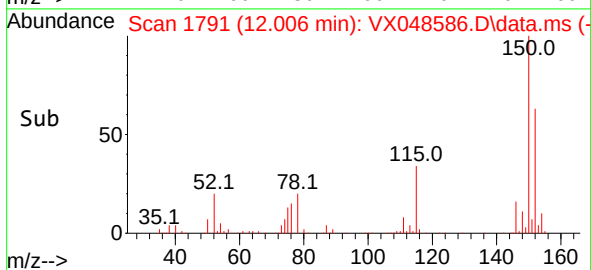
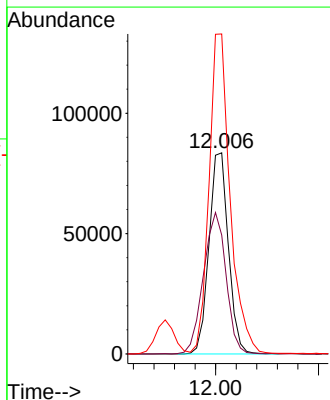
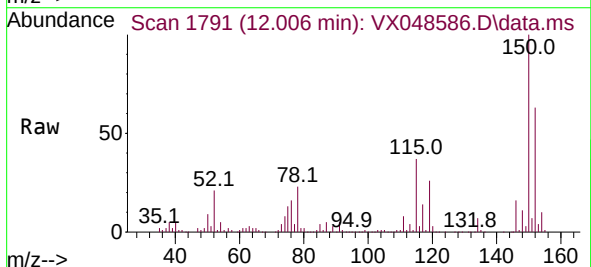
Manual Integrations
APPROVED

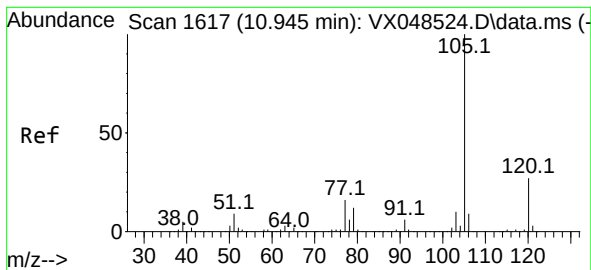
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

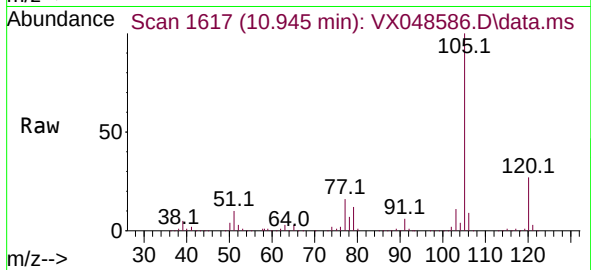
Tgt Ion:152 Resp: 109617
Ion Ratio Lower Upper
152 100
115 81.7 39.2 117.6
150 172.5 0.0 347.0





#73
Isopropylbenzene
Concen: 48.078 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

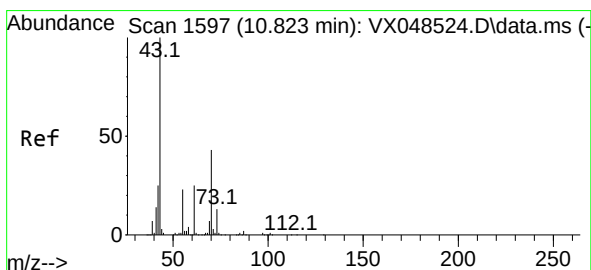
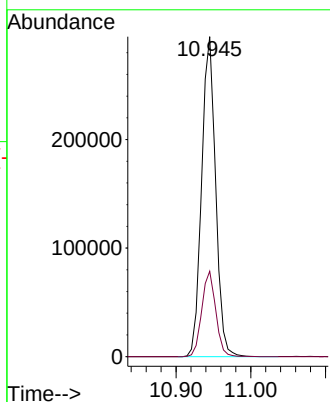
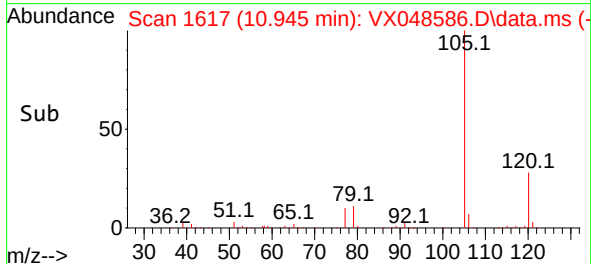
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



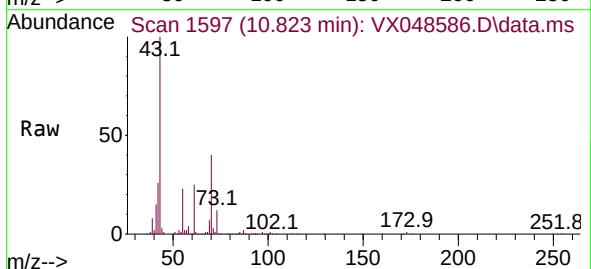
Tgt Ion:105 Resp: 382540
Ion Ratio Lower Upper
105 100
120 26.6 13.6 40.7

Manual Integrations
APPROVED

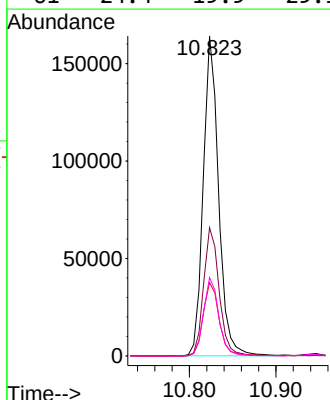
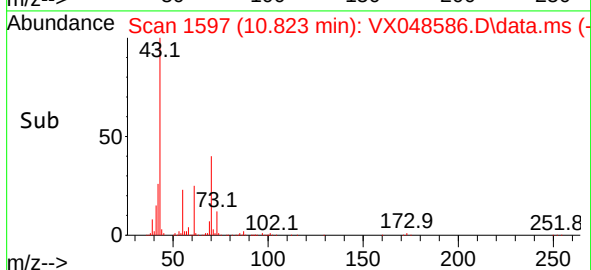
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

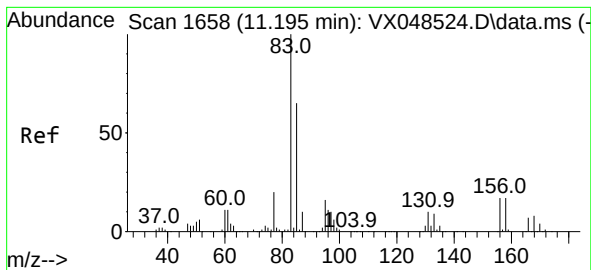


#74
N-ethyl acetate
Concen: 50.514 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion: 43 Resp: 201811
Ion Ratio Lower Upper
43 100
70 40.9 35.1 52.7
55 24.1 19.3 28.9
61 24.4 19.9 29.9





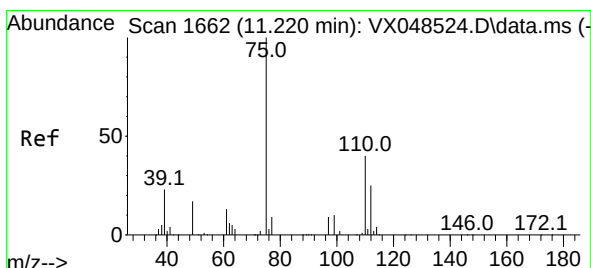
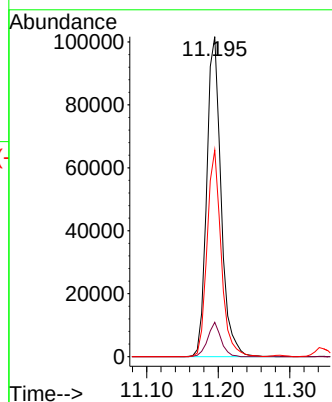
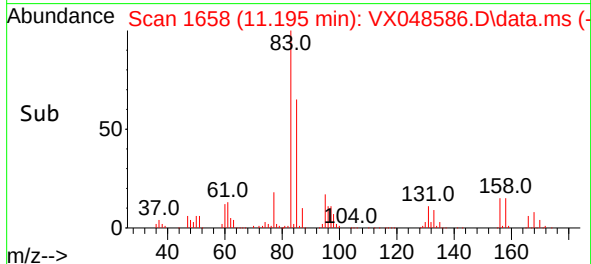
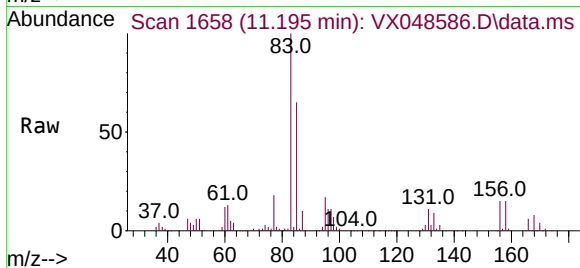
#75
1,1,2,2-Tetrachloroethane
Concen: 50.269 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 141053
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 63.4 32.3 96.8

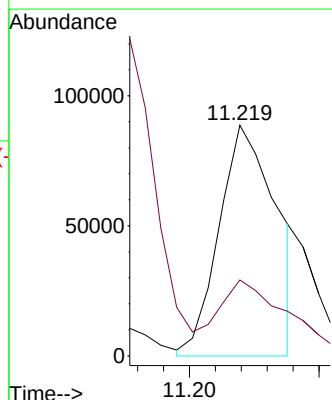
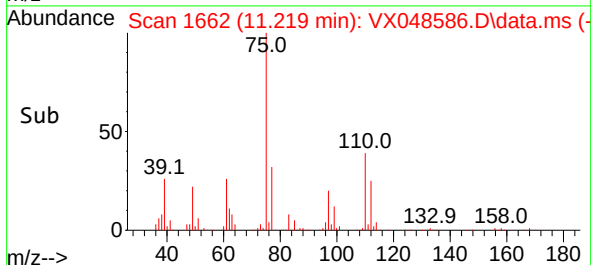
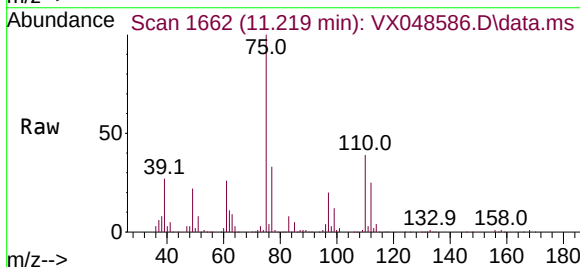
Manual Integrations
APPROVED

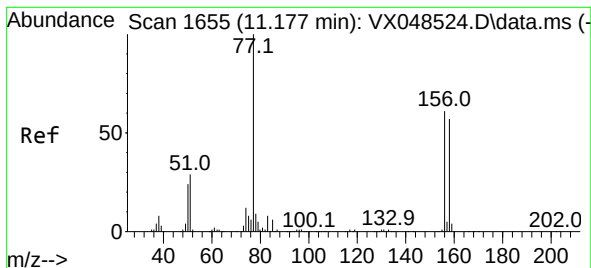
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#76
1,2,3-Trichloropropane
Concen: 51.456 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion: 75 Resp: 135888
Ion Ratio Lower Upper
75 100
77 40.2 24.3 72.8





#77

Bromobenzene

Concen: 48.248 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

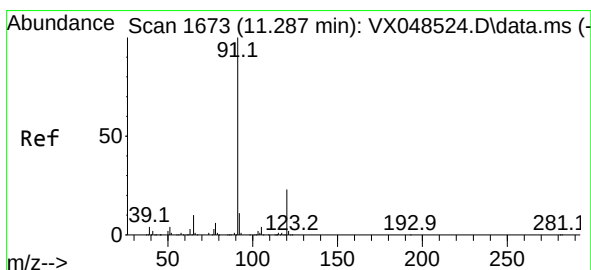
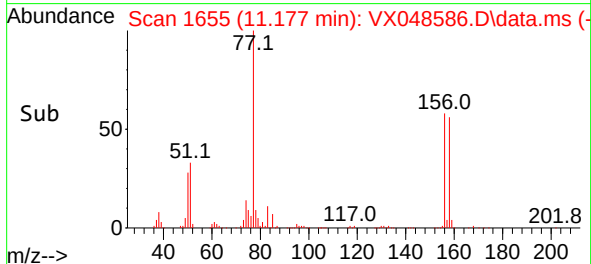
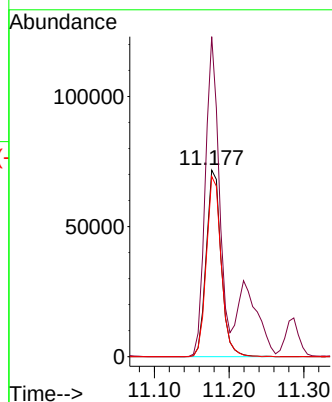
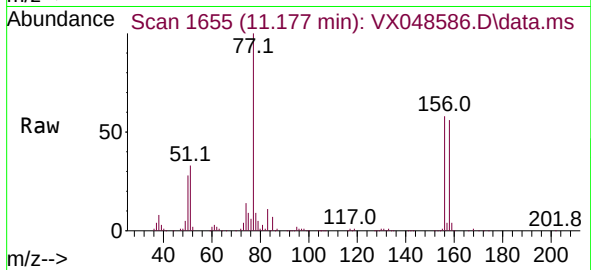
Tgt Ion:	156	Resp:	99136
Ion Ratio	Lower	Upper	
156	100		
77	160.1	78.1	234.4
158	96.3	48.5	145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#78

n-propylbenzene

Concen: 47.365 ug/l

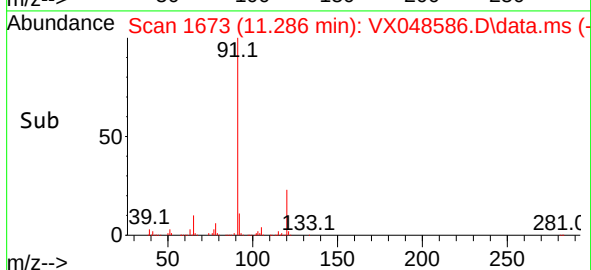
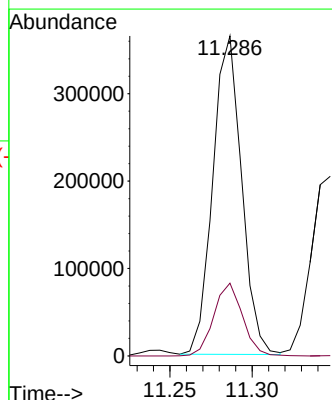
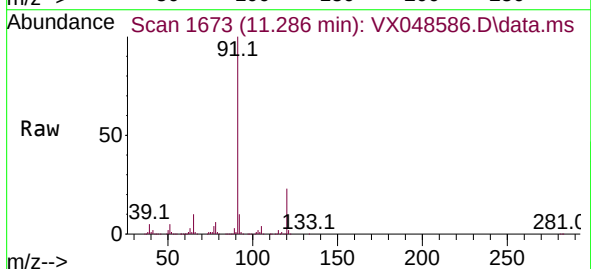
RT: 11.286 min Scan# 1673

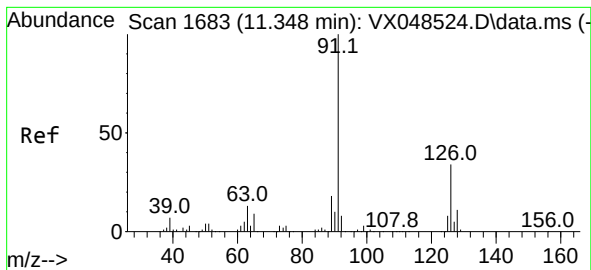
Delta R.T. -0.000 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Tgt Ion:	91	Resp:	443136
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.8





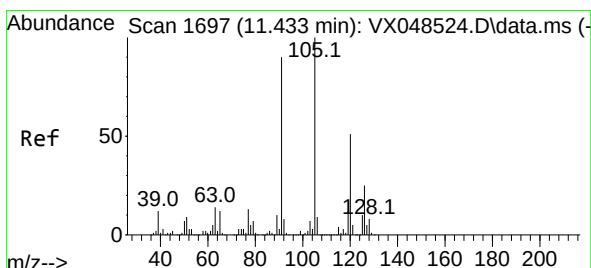
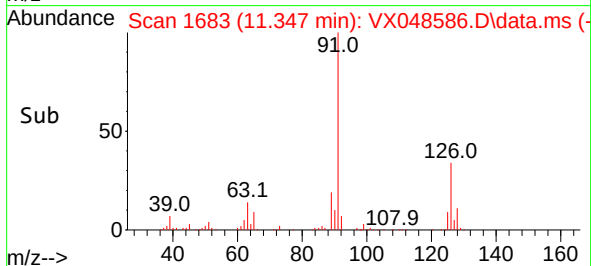
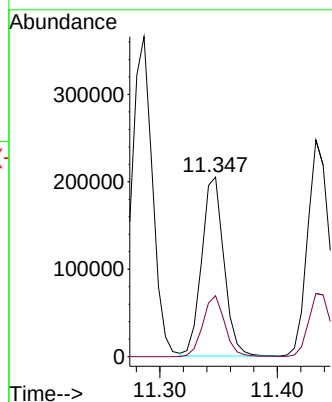
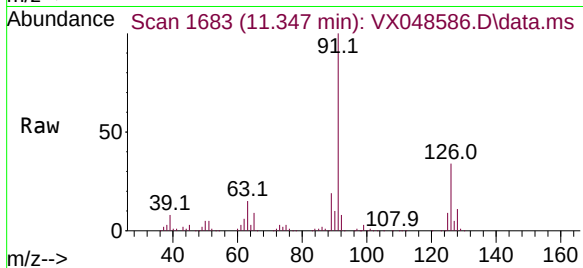
#79
2-Chlorotoluene
Concen: 47.755 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 269979
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2

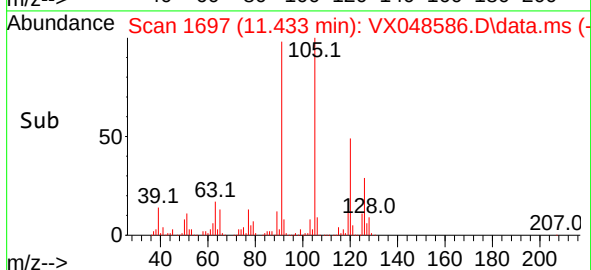
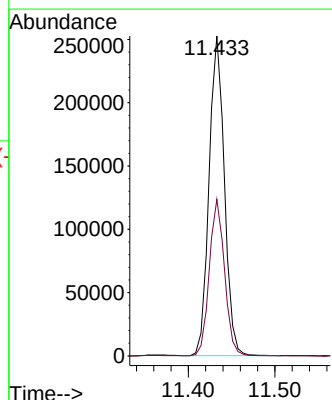
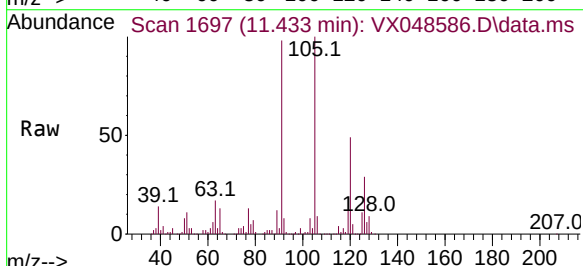
Manual Integrations
APPROVED

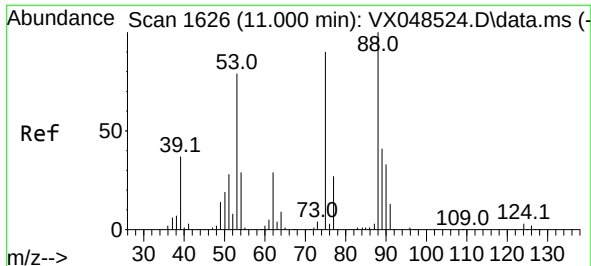
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.787 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion:105 Resp: 309967
Ion Ratio Lower Upper
105 100
120 48.5 25.1 75.2





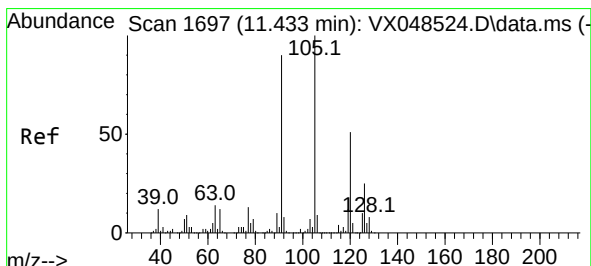
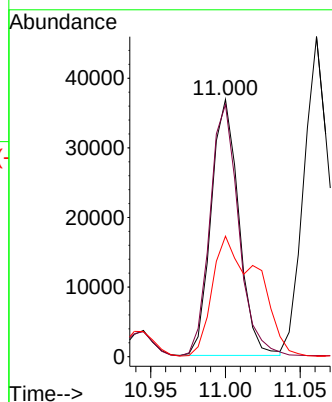
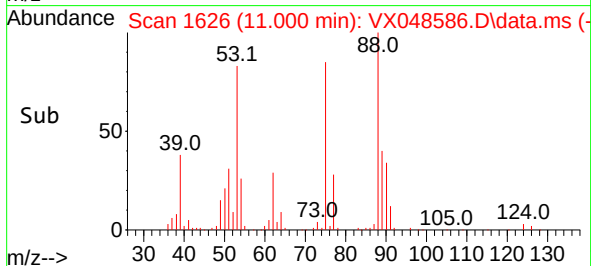
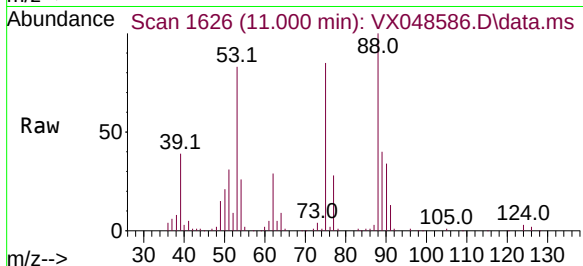
#81
trans-1,4-Dichloro-2-butene
Concen: 51.339 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 47400
Ion Ratio Lower Upper
75 100
53 103.8 72.4 108.6
89 77.5 43.6 65.4

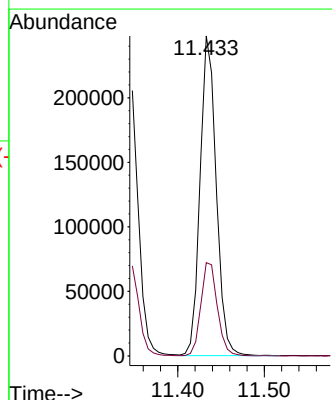
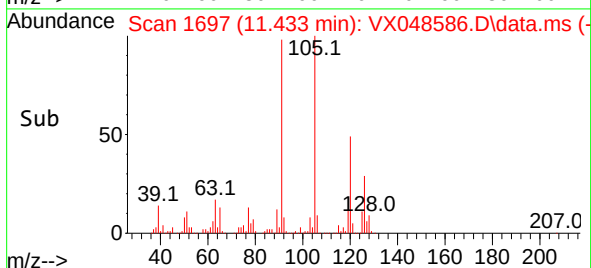
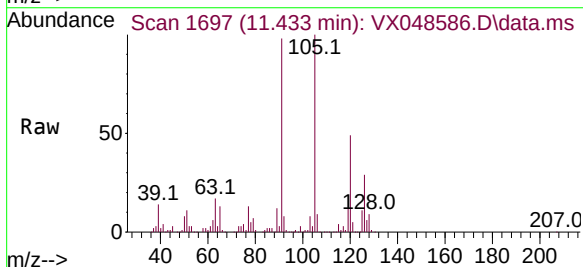
Manual Integrations
APPROVED

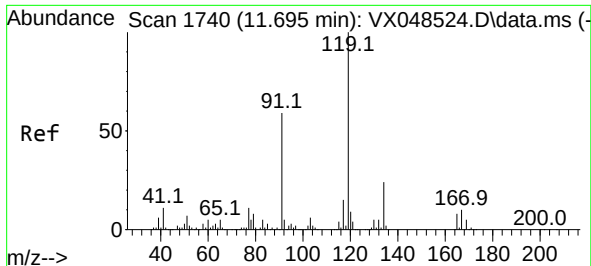
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#82
4-Chlorotoluene
Concen: 48.262 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

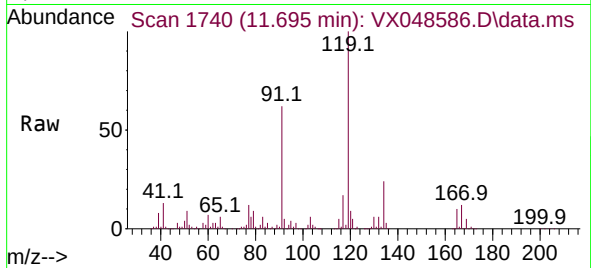
Tgt Ion: 91 Resp: 320054
Ion Ratio Lower Upper
91 100
126 29.8 14.9 44.7





#83
tert-Butylbenzene
Concen: 47.120 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

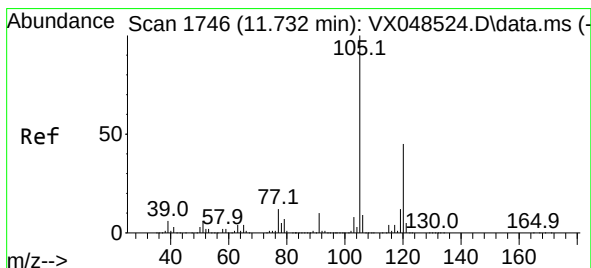
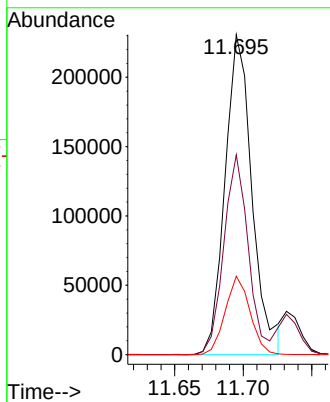
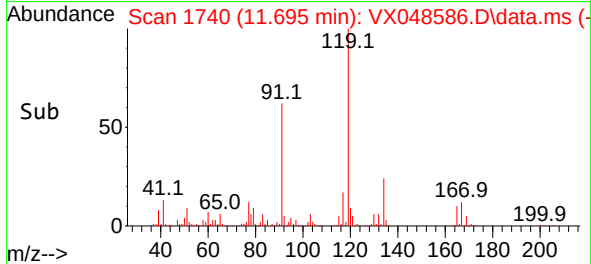
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



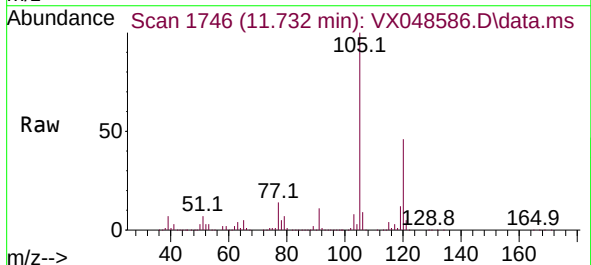
Tgt Ion:119 Resp: 316129
Ion Ratio Lower Upper
119 100
91 56.6 27.1 81.3
134 22.6 11.4 34.1

Manual Integrations
APPROVED

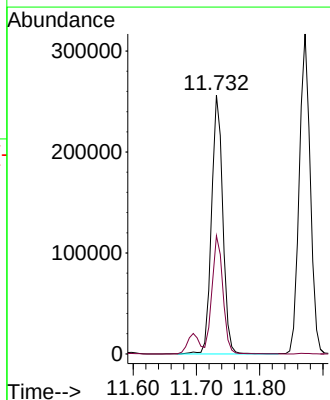
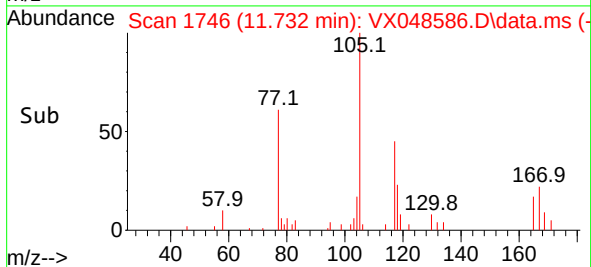
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

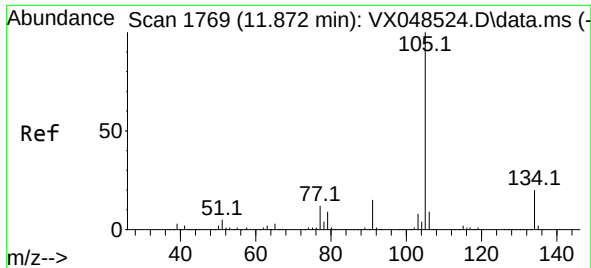


#84
1,2,4-Trimethylbenzene
Concen: 48.439 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion:105 Resp: 317014
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0





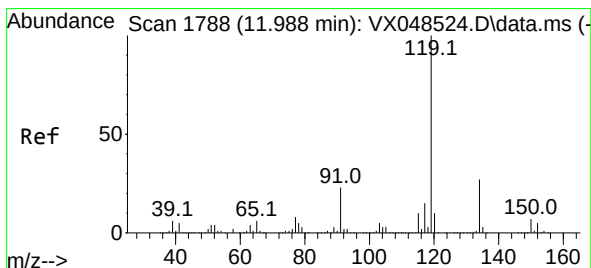
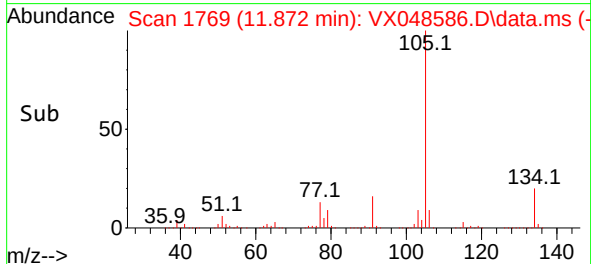
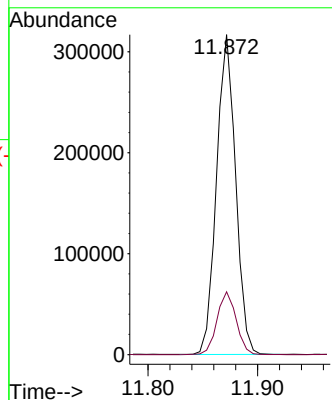
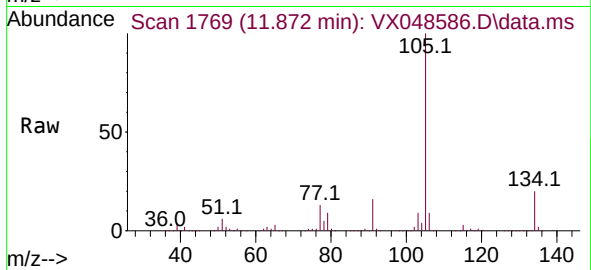
#85
 sec-Butylbenzene
 Concen: 46.134 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048586.D
 Acq: 13 Nov 2025 08:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 382543
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

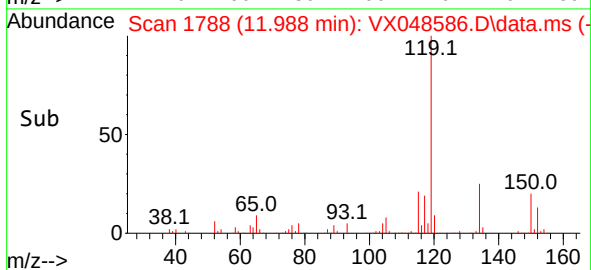
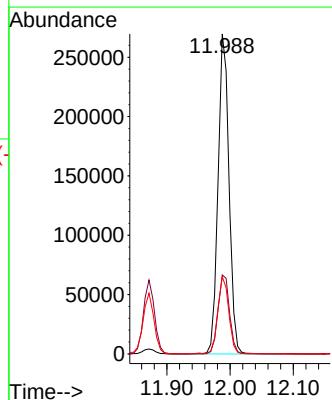
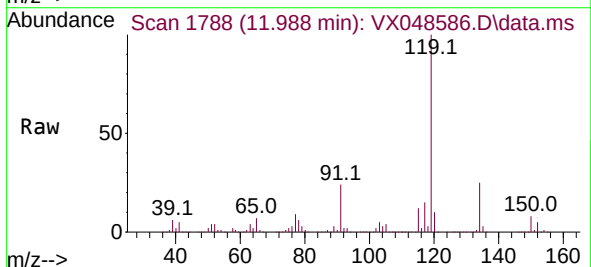
Manual Integrations
 APPROVED

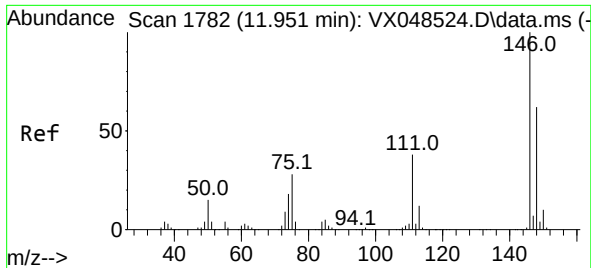
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025



#86
 p-Isopropyltoluene
 Concen: 46.663 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048586.D
 Acq: 13 Nov 2025 08:43

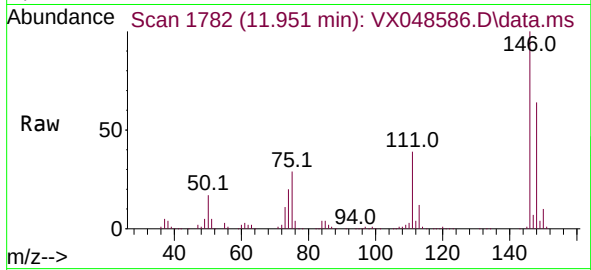
Tgt Ion:119 Resp: 325296
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 24.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 46.484 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

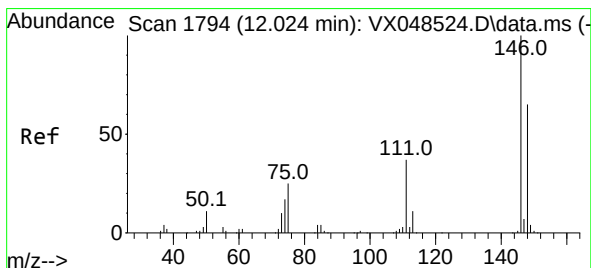
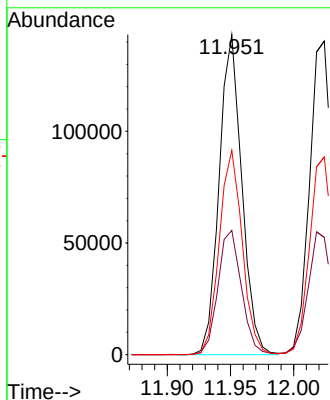
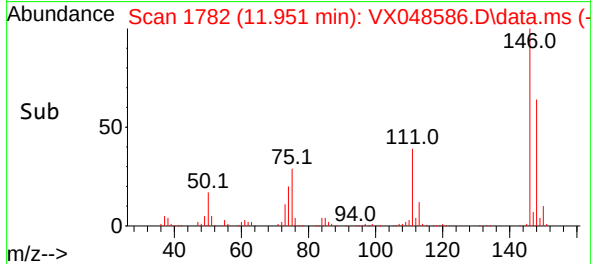
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



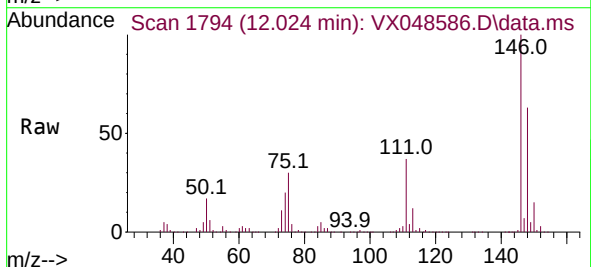
Tgt Ion:146 Resp: 178999
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 64.7 31.6 95.0

Manual Integrations
APPROVED

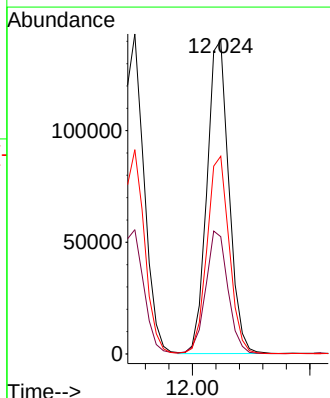
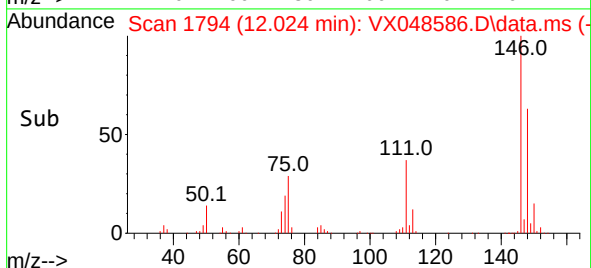
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

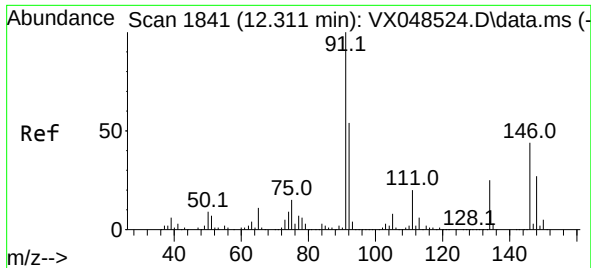


#88
1,4-Dichlorobenzene
Concen: 45.801 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



Tgt Ion:146 Resp: 182176
Ion Ratio Lower Upper
146 100
111 39.7 19.2 57.6
148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 46.333 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048586.D

Acq: 13 Nov 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 30300

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.5

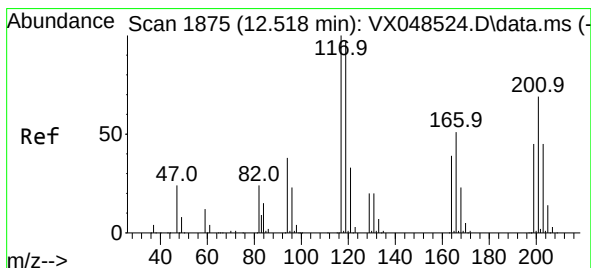
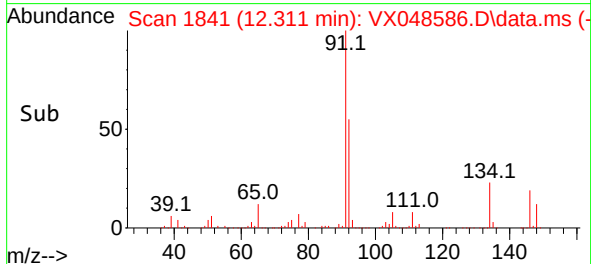
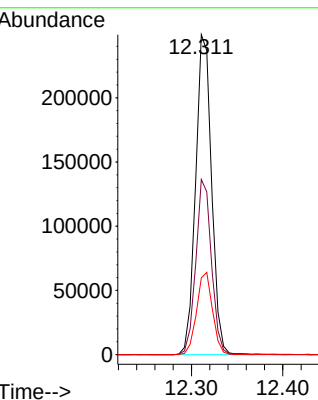
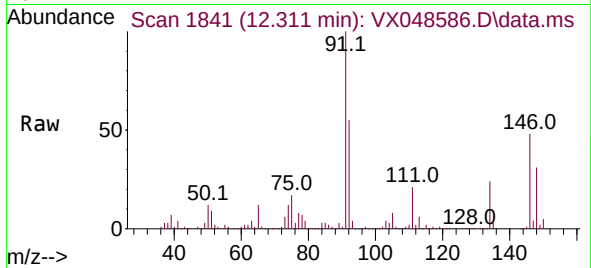
134 25.5 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/14/2025



#90

Hexachloroethane

Concen: 46.476 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048586.D

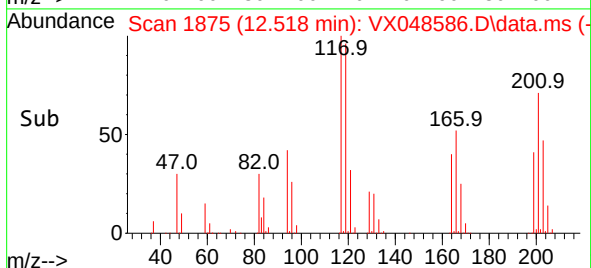
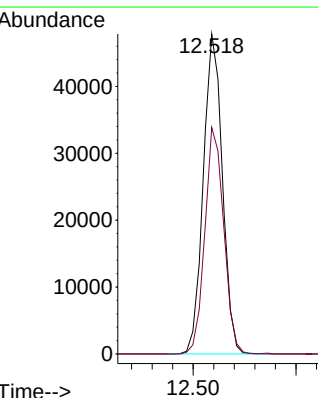
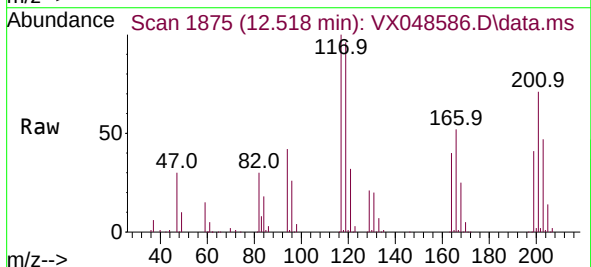
Acq: 13 Nov 2025 08:43

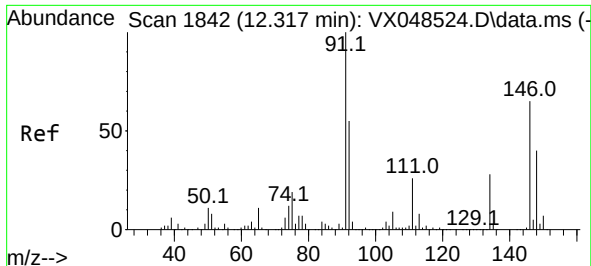
Tgt Ion:117 Resp: 61729

Ion Ratio Lower Upper

117 100

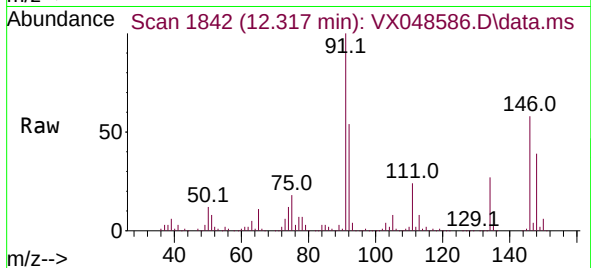
201 70.3 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 47.932 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

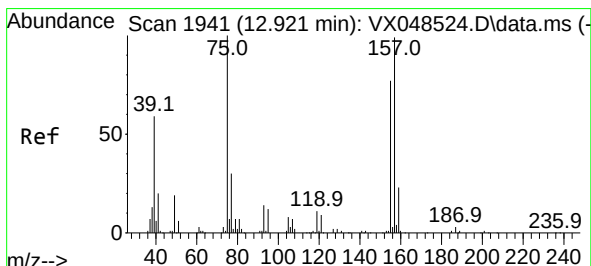
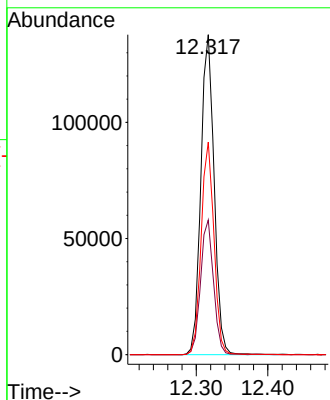
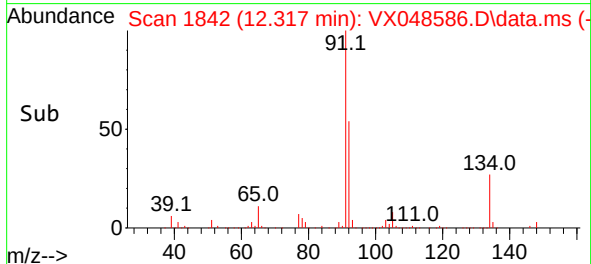
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 177192
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 64.1 31.4 94.2

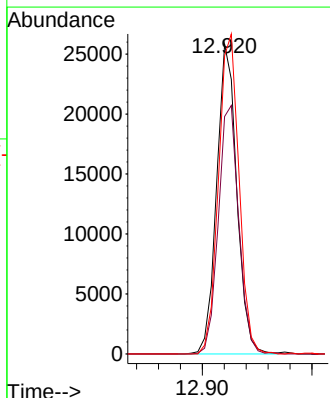
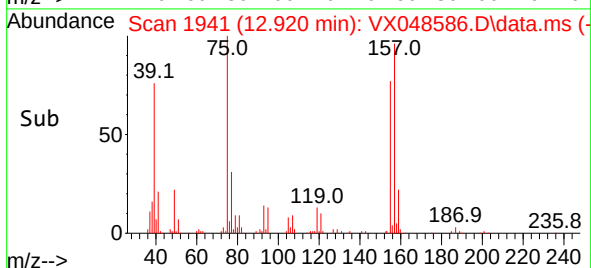
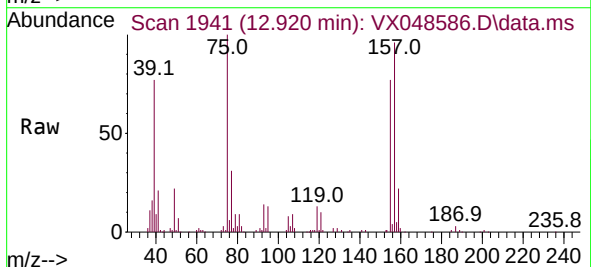
Manual Integrations
APPROVED

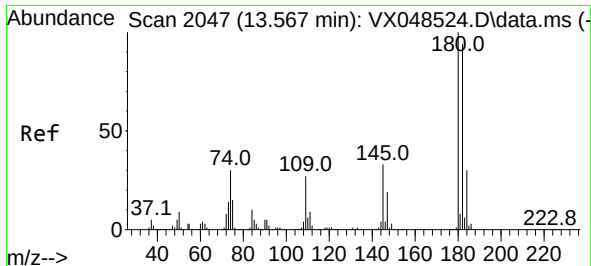
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.430 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

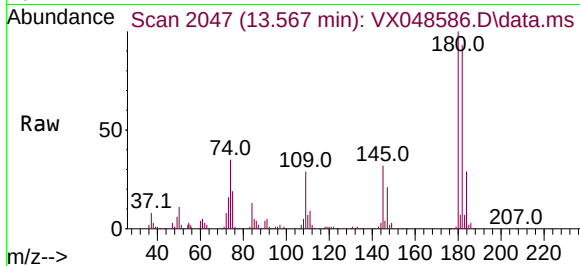
Tgt Ion: 75 Resp: 32884
Ion Ratio Lower Upper
75 100
155 81.3 43.5 130.7
157 104.8 54.8 164.4





#93
1,2,4-Trichlorobenzene
Concen: 43.943 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

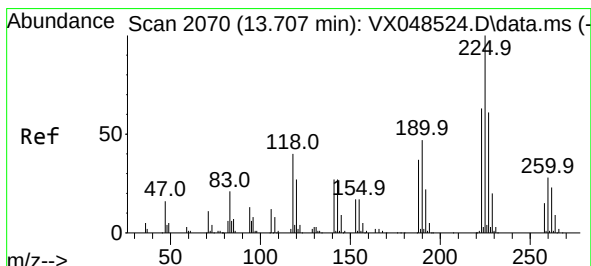
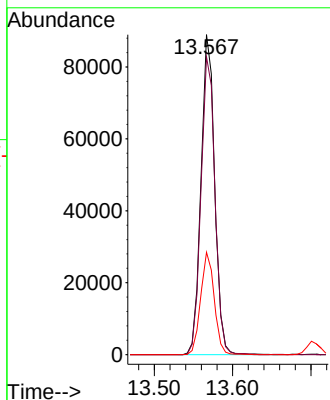
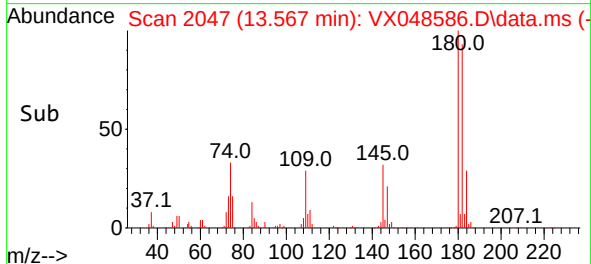
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



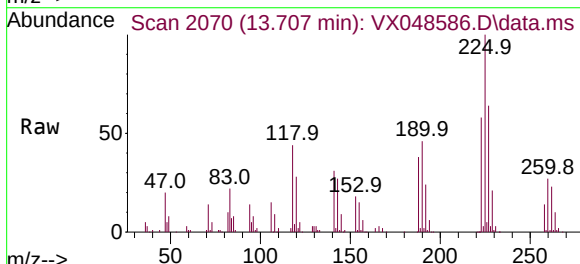
Tgt Ion:180 Resp: 107946
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 31.8 15.9 47.7

Manual Integrations
APPROVED

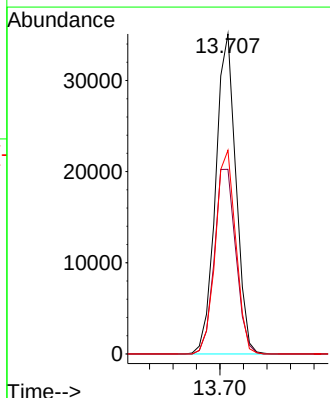
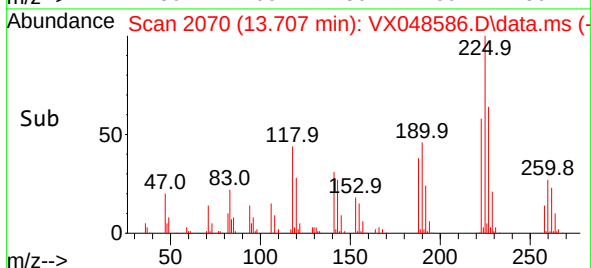
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

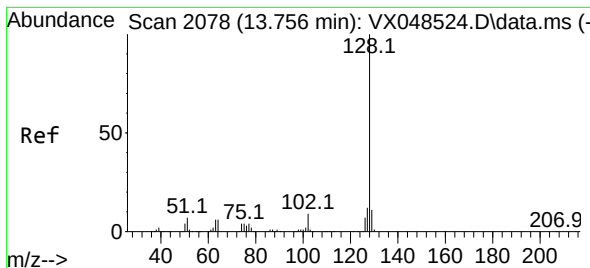


#94
Hexachlorobutadiene
Concen: 40.887 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43



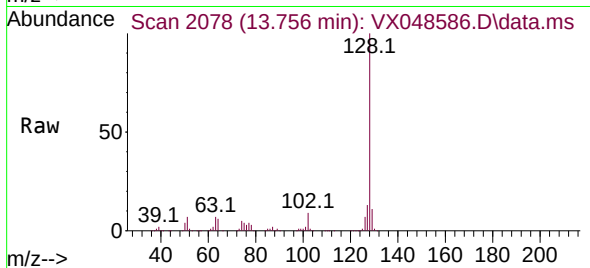
Tgt Ion:225 Resp: 41987
Ion Ratio Lower Upper
225 100
223 61.3 30.6 92.0
227 63.7 32.5 97.4





#95
Naphthalene
Concen: 49.452 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

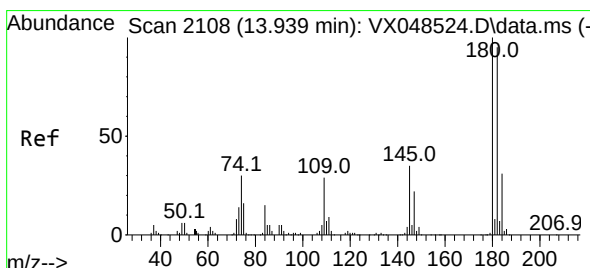
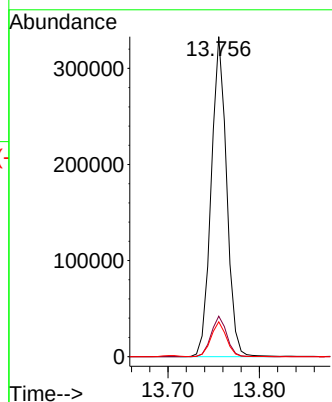
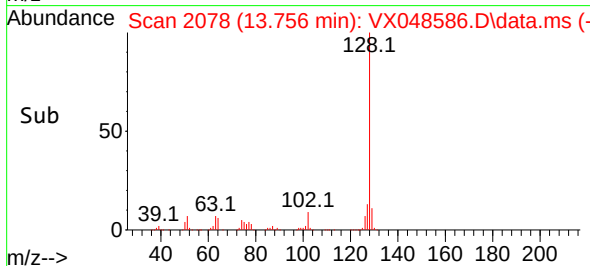
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 390572
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.084 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048586.D
Acq: 13 Nov 2025 08:43

Tgt Ion:180 Resp: 105299
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 32.0 16.7 50.0

