

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048255.D
 Acq On : 21 Oct 2025 10:06
 Operator : JC/MD
 Sample : VX1021WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:23:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	141199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	230109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	97363	49.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.360%		
35) Dibromofluoromethane	5.367	113	77378	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	8.628	98	263067	47.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.061	95	104113	49.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.178	85	24401	16.810	ug/l	98
3) Chloromethane	1.300	50	24074	17.768	ug/l	98
4) Vinyl Chloride	1.380	62	22127	17.636	ug/l	98
5) Bromomethane	1.617	94	16447	19.316	ug/l	99
6) Chloroethane	1.697	64	13922	18.884	ug/l	91
7) Trichlorofluoromethane	1.898	101	42595	17.702	ug/l	99
8) Diethyl Ether	2.136	74	12470	18.418	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	26749	17.555	ug/l	96
10) Methyl Iodide	2.453	142	32960	17.207	ug/l	100
11) Tert butyl alcohol	2.940	59	13580	69.088	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	26679	17.997	ug/l	89
13) Acrolein	2.233	56	19860	99.067	ug/l	99
14) Allyl chloride	2.666	41	43917	17.844	ug/l	97
15) Acrylonitrile	3.056	53	59914	84.532	ug/l	99
16) Acetone	2.373	43	55899	82.307	ug/l	97
17) Carbon Disulfide	2.514	76	77662	16.623	ug/l	97
18) Methyl Acetate	2.696	43	24826	17.503	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	89211	17.640	ug/l	95
20) Methylene Chloride	2.788	84	31545	19.062	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	29134	17.892	ug/l	97
22) Diisopropyl ether	3.745	45	95604	19.476	ug/l	91
23) Vinyl Acetate	3.708	43	367608	93.748	ug/l	97
24) 1,1-Dichloroethane	3.605	63	54562	18.382	ug/l	98
25) 2-Butanone	4.538	43	73253	85.214	ug/l	100
26) 2,2-Dichloropropane	4.464	77	47833	17.854	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	35928	18.906	ug/l	98
28) Bromochloromethane	4.879	49	26532	21.558	ug/l	88
29) Tetrahydrofuran	4.983	42	43984	85.433	ug/l	97
30) Chloroform	5.074	83	59628	18.803	ug/l	98
31) Cyclohexane	5.452	56	47112	19.171	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	52848	18.082	ug/l	98
36) 1,1-Dichloropropene	5.678	75	40242	18.023	ug/l	100
37) Ethyl Acetate	4.690	43	32251	17.426	ug/l	98
38) Carbon Tetrachloride	5.665	117	46896	17.024	ug/l	98
39) Methylcyclohexane	7.360	83	44764	16.976	ug/l	95
40) Benzene	6.019	78	120185	18.540	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	17591	18.099	ug/l	97
42) 1,2-Dichloroethane	6.062	62	45577	19.053	ug/l	99
43) Isopropyl Acetate	6.318	43	52903	17.402	ug/l	96
44) Trichloroethene	7.110	130	30995	18.107	ug/l	99
45) 1,2-Dichloropropane	7.415	63	29673	19.252	ug/l	95
46) Dibromomethane	7.567	93	22037	18.352	ug/l	94
47) Bromodichloromethane	7.799	83	48240	18.606	ug/l	99
48) Methyl methacrylate	7.677	41	26320	17.158	ug/l	94
49) 1,4-Dioxane	7.647	88	5926	292.405	ug/l #	88
51) 4-Methyl-2-Pentanone	8.555	43	152275	86.877	ug/l	96
52) Toluene	8.701	92	77240	18.755	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	46020	18.419	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	50705	18.810	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	29313	19.140	ug/l	98
56) Ethyl methacrylate	9.098	69	39990	17.852	ug/l	93
57) 1,3-Dichloropropane	9.293	76	50123	19.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	98096	82.586	ug/l	96
59) 2-Hexanone	9.415	43	104997	85.909	ug/l	96
60) Dibromochloromethane	9.500	129	37288	18.114	ug/l	99
61) 1,2-Dibromoethane	9.592	107	30294	18.554	ug/l	98
64) Tetrachloroethene	9.256	164	26804	16.909	ug/l	99
65) Chlorobenzene	10.061	112	85855	17.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	30819	17.566	ug/l	98
67) Ethyl Benzene	10.177	91	144956	17.824	ug/l	98
68) m/p-Xylenes	10.287	106	111086	36.763	ug/l	99
69) o-Xylene	10.622	106	52686	18.060	ug/l	97
70) Styrene	10.634	104	93575	18.838	ug/l	99
71) Bromoform	10.780	173	23770	16.952	ug/l #	99
73) Isopropylbenzene	10.945	105	138728	17.144	ug/l	100
74) N-amyl acetate	10.823	43	46339	16.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38121	17.251	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	33965m	18.905	ug/l	
77) Bromobenzene	11.177	156	34669	17.087	ug/l	94
78) n-propylbenzene	11.286	91	161765	17.266	ug/l	98
79) 2-Chlorotoluene	11.347	91	98234	17.293	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	114762	17.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12207	16.530	ug/l	96
82) 4-Chlorotoluene	11.433	91	115993	17.202	ug/l	97
83) tert-Butylbenzene	11.695	119	117710	17.108	ug/l	95
84) 1,2,4-Trimethylbenzene	11.731	105	114927	17.197	ug/l	100
85) sec-Butylbenzene	11.872	105	138342	16.712	ug/l	99
86) p-Isopropyltoluene	11.987	119	119237	16.665	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	65615	17.154	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	65796	16.604	ug/l	98
89) n-Butylbenzene	12.317	91	103383	15.875	ug/l	99
90) Hexachloroethane	12.518	117	22360	15.825	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	61839	17.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	6372	14.205	ug/l	96
93) 1,2,4-Trichlorobenzene	13.566	180	36955	15.216	ug/l	98
94) Hexachlorobutadiene	13.707	225	14253	15.707	ug/l	97
95) Naphthalene	13.755	128	98736	15.345	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	34440	15.454	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

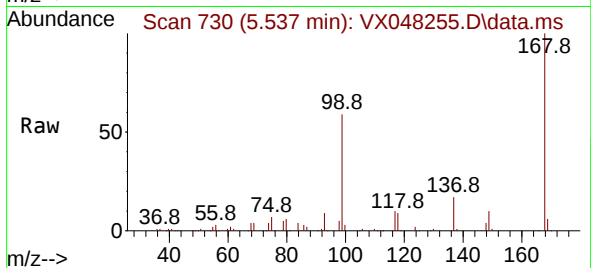
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

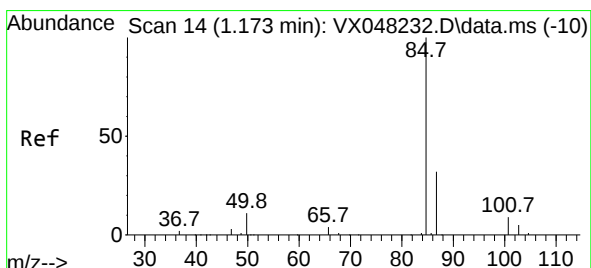
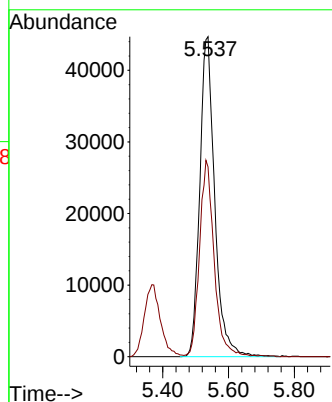
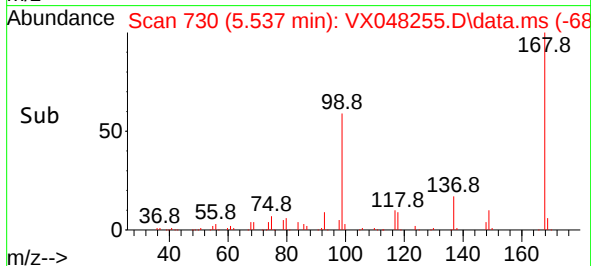
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:168 Resp: 141199
Ion Ratio Lower Upper
168 100
99 59.3 46.4 69.6

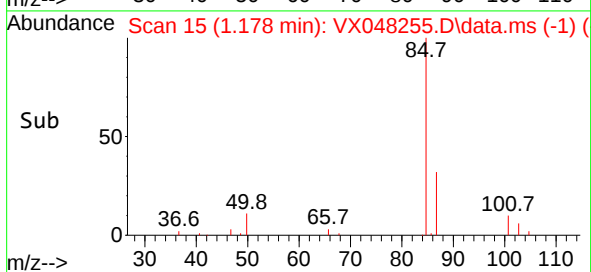
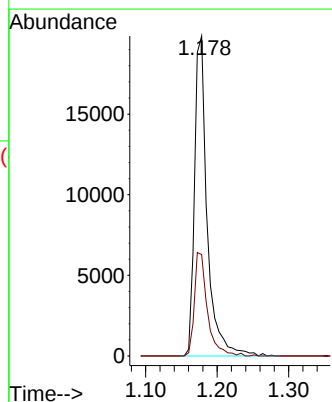
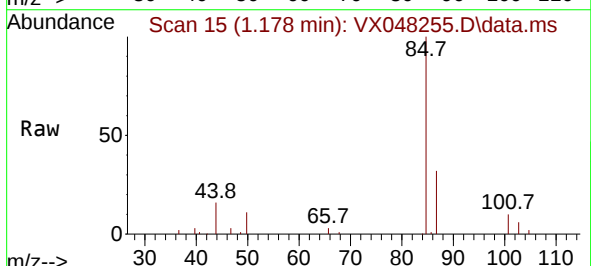
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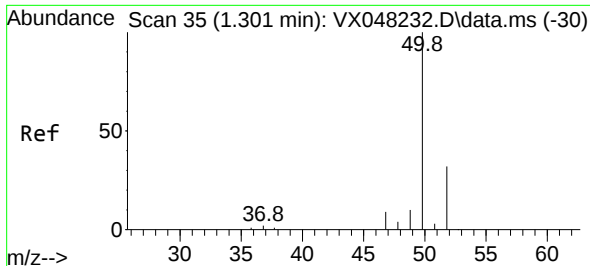
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#2
Dichlorodifluoromethane
Concen: 16.810 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

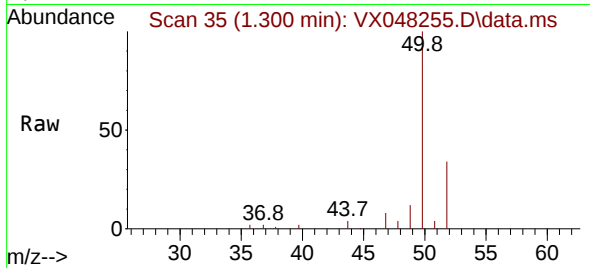
Tgt Ion: 85 Resp: 24401
Ion Ratio Lower Upper
85 100
87 31.7 15.3 45.9





#3
Chloromethane
Concen: 17.768 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

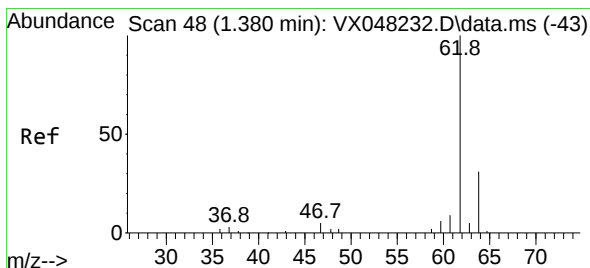
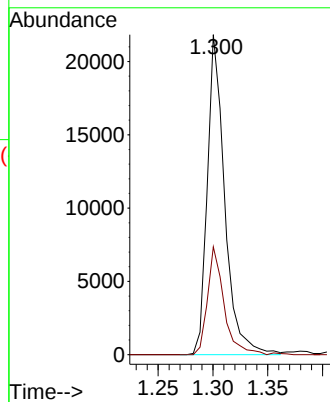
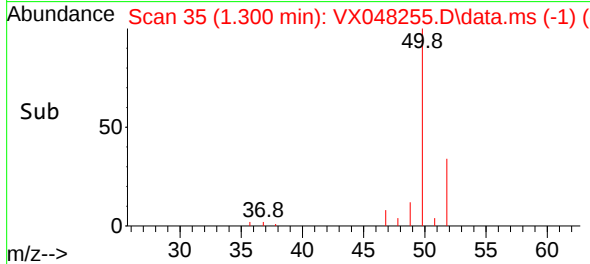
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 50 Resp: 24074
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9

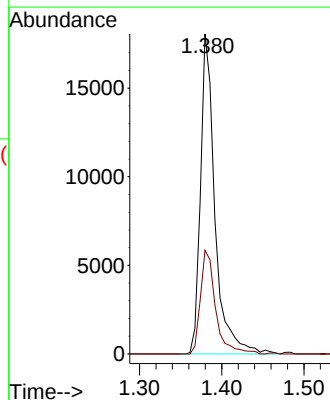
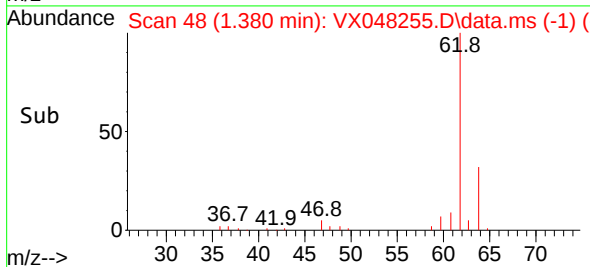
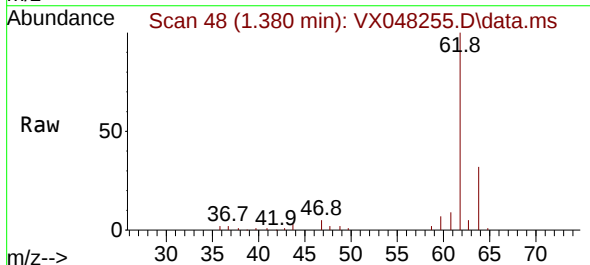
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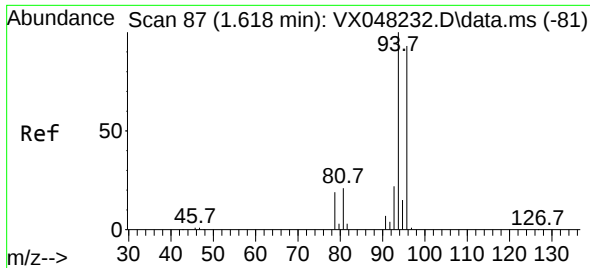
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#4
Vinyl Chloride
Concen: 17.636 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 62 Resp: 22127
Ion Ratio Lower Upper
62 100
64 32.3 25.1 37.7





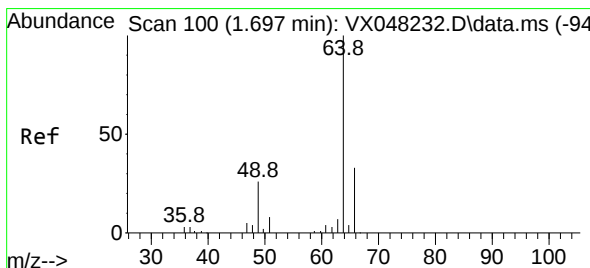
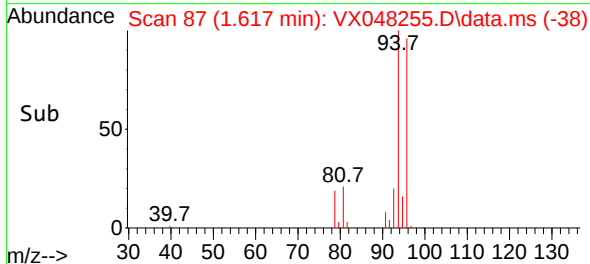
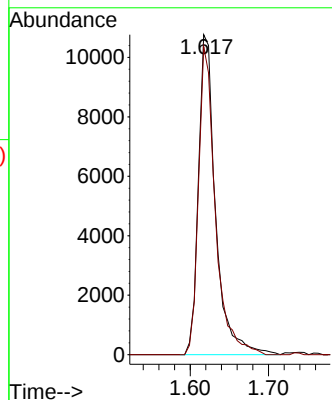
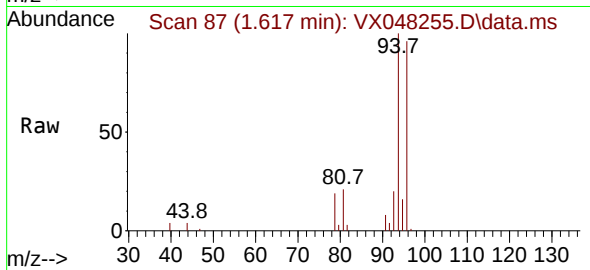
#5
Bromomethane
Concen: 19.316 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
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ClientSampleId :
VX1021WBS01

Tgt Ion: 94 Resp: 1644
Ion Ratio Lower Upper
94 100
96 96.3 76.0 114.0

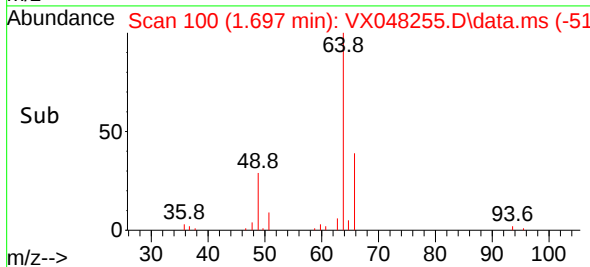
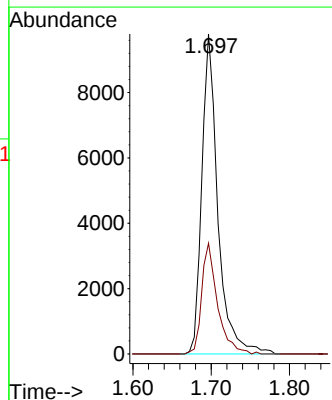
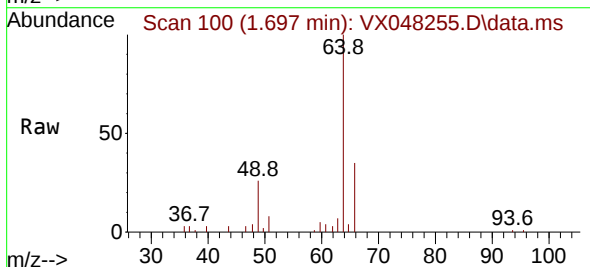
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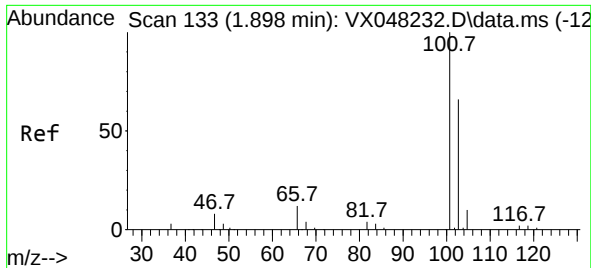
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 18.884 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

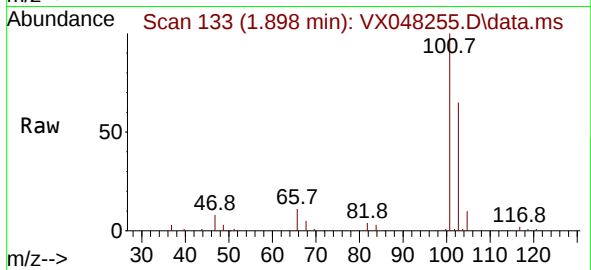
Tgt Ion: 64 Resp: 13922
Ion Ratio Lower Upper
64 100
66 34.6 23.9 35.9





#7
Trichlorofluoromethane
Concen: 17.702 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

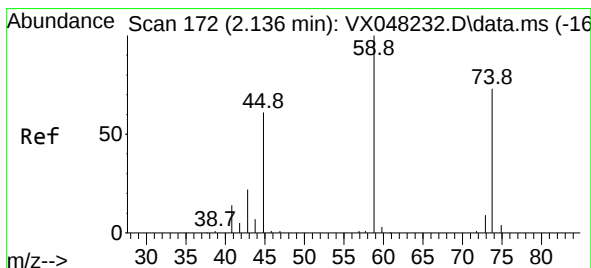
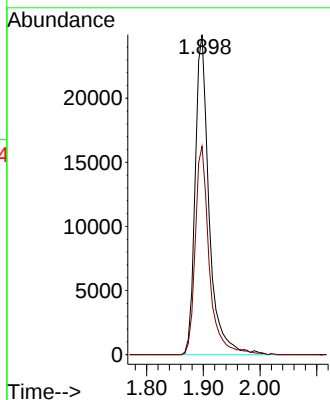
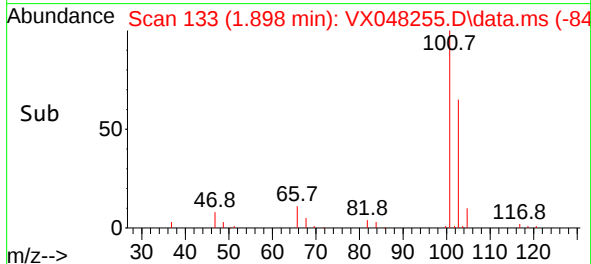
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:101 Resp: 4259
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4

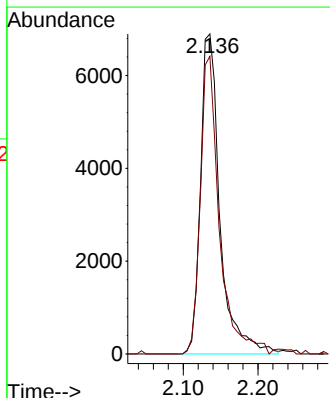
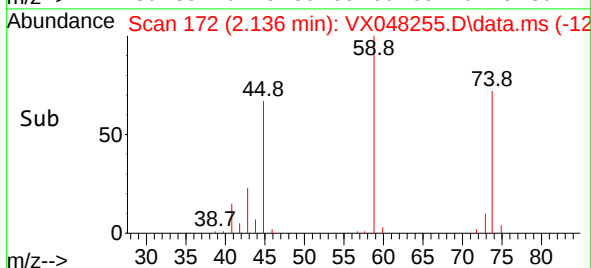
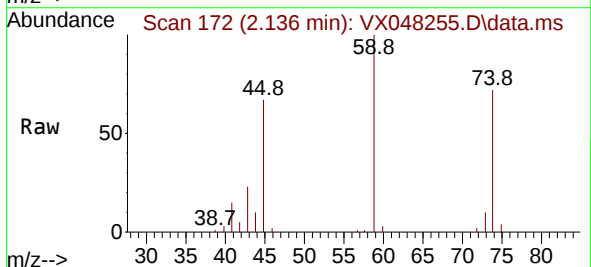
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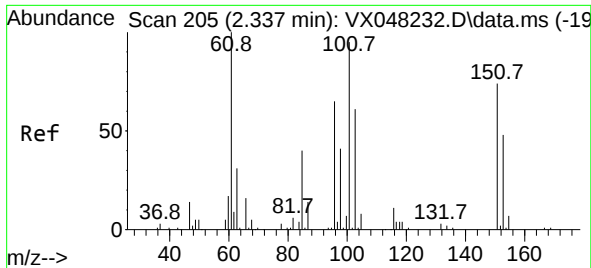
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 18.418 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 74 Resp: 12470
Ion Ratio Lower Upper
74 100
45 91.2 50.0 149.8





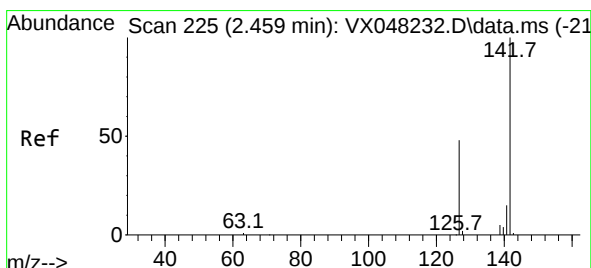
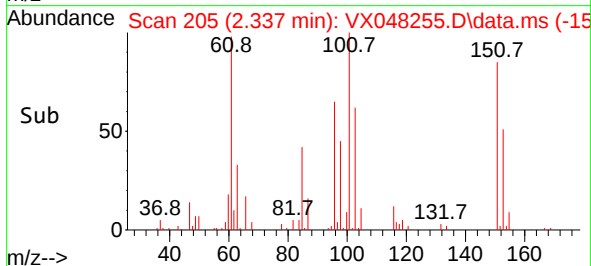
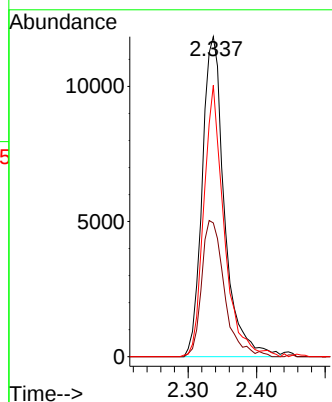
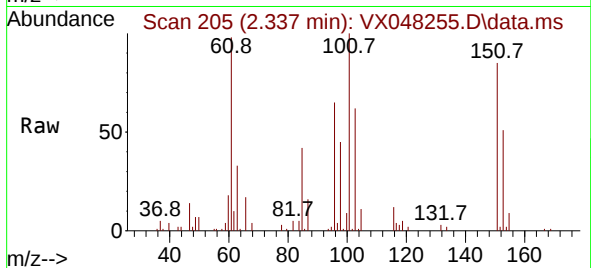
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1,1,2-Trichlorotrifluoroethane
Concen: 17.555 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:101 Resp: 26749
Ion Ratio Lower Upper
101 100
85 43.6 35.6 53.4
151 77.6 58.0 87.0

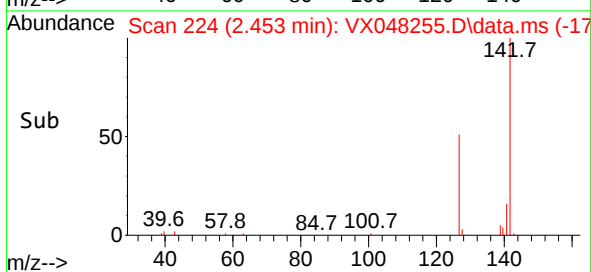
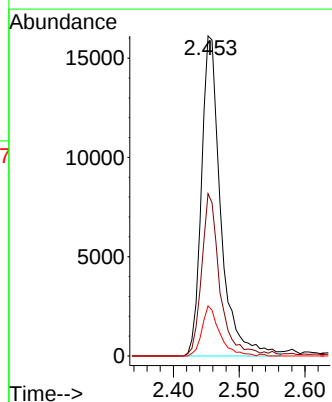
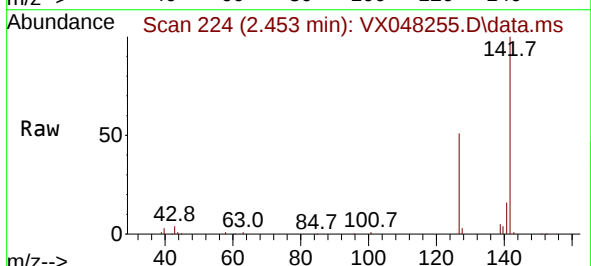
Manual Integrations
APPROVED

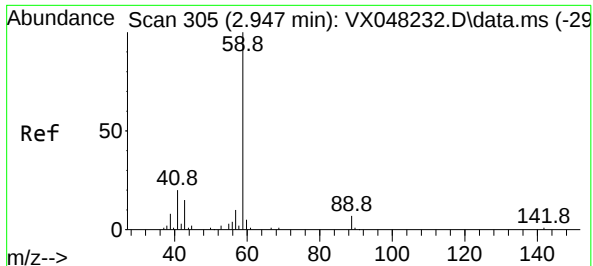
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 17.207 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

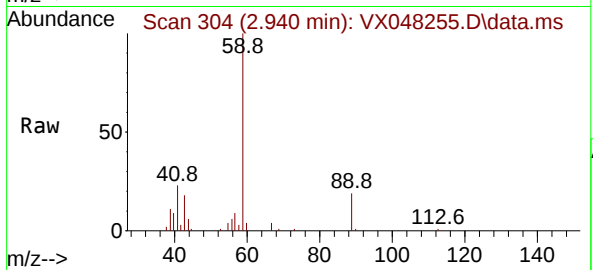
Tgt Ion:142 Resp: 32960
Ion Ratio Lower Upper
142 100
127 48.3 38.5 57.7
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 69.088 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

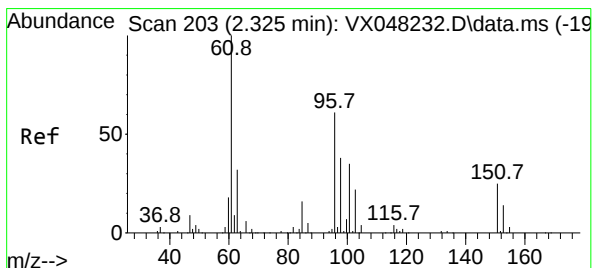
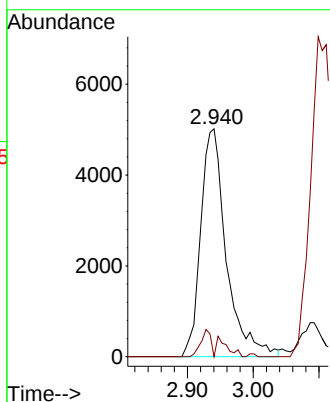
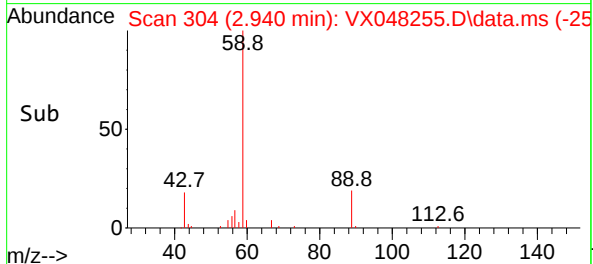
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 59 Resp: 13580
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4

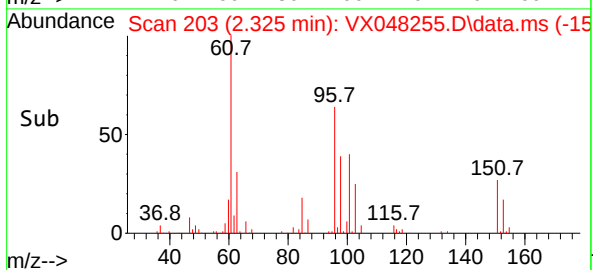
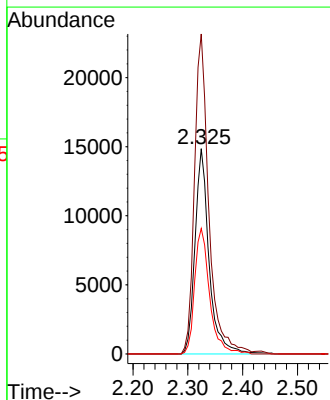
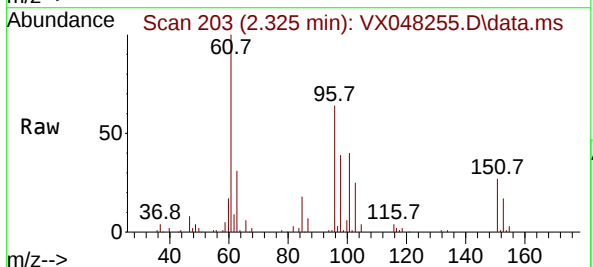
Manual Integrations
APPROVED

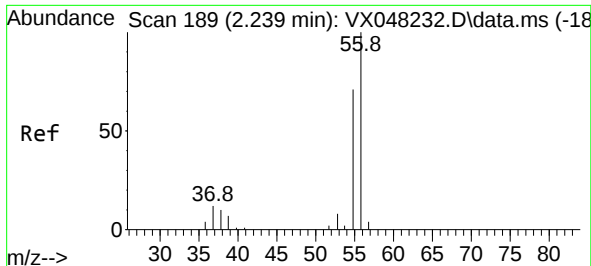
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#12
1,1-Dichloroethene
Concen: 17.997 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

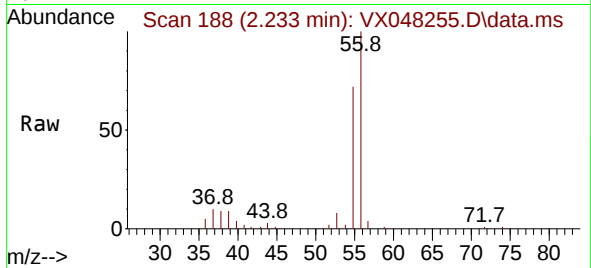
Tgt Ion: 96 Resp: 26679
Ion Ratio Lower Upper
96 100
61 155.9 139.0 208.6
98 61.1 52.4 78.6





#13
Acrolein
Concen: 99.067 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

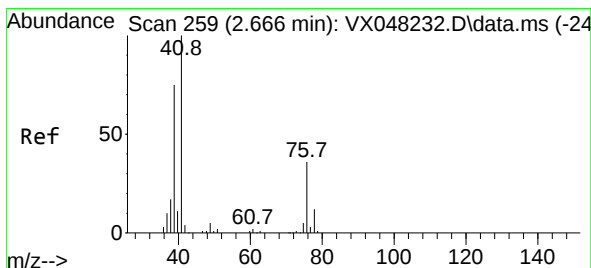
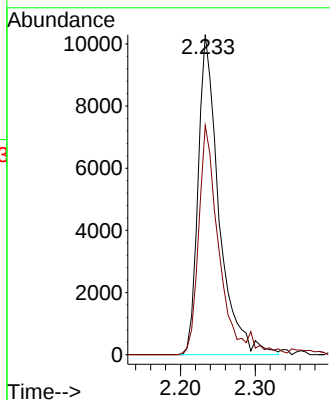
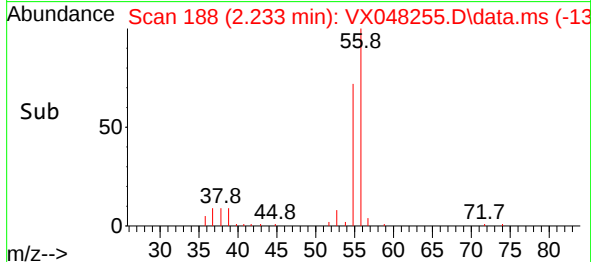
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 56 Resp: 19860
Ion Ratio Lower Upper
56 100
55 71.1 56.1 84.1

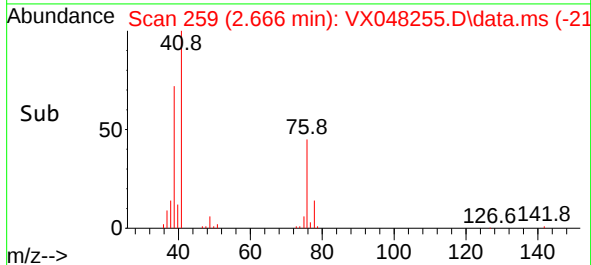
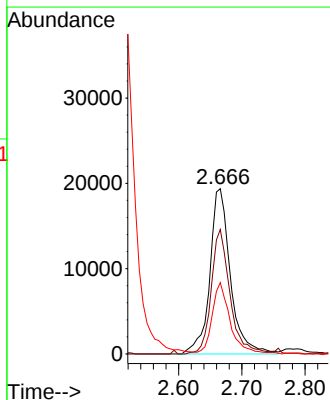
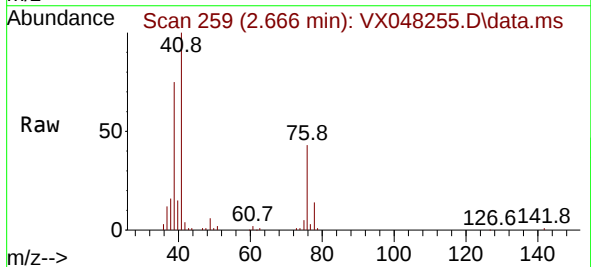
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#14
Allyl chloride
Concen: 17.844 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

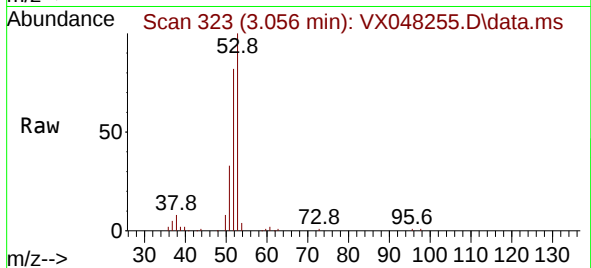
Tgt Ion: 41 Resp: 43917
Ion Ratio Lower Upper
41 100
39 68.3 56.0 84.0
76 37.7 27.5 41.3





#15
Acrylonitrile
Concen: 84.532 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

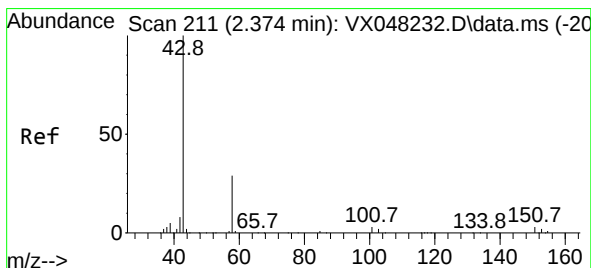
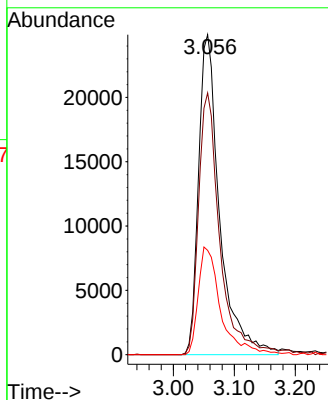
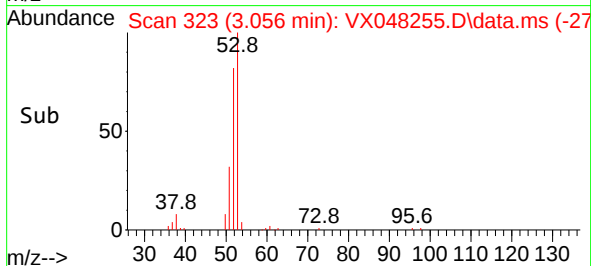
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



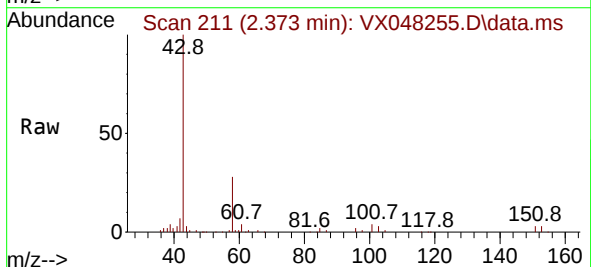
Tgt Ion: 53 Resp: 59914
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 36.0 29.0 43.4

Manual Integrations
APPROVED

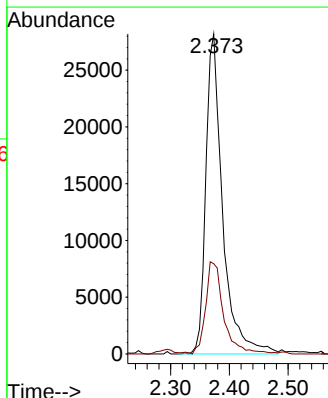
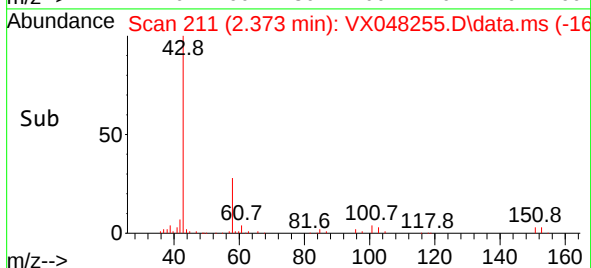
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

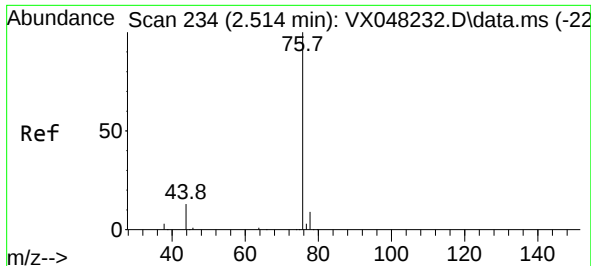


#16
Acetone
Concen: 82.307 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06



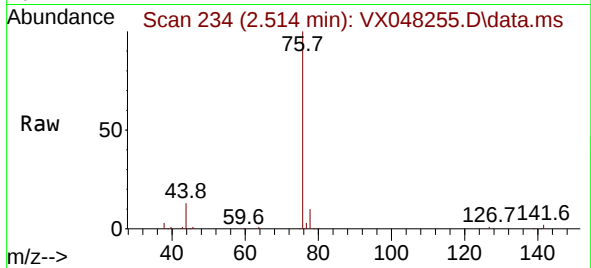
Tgt Ion: 43 Resp: 55899
Ion Ratio Lower Upper
43 100
58 27.8 23.4 35.2





#17
Carbon Disulfide
Concen: 16.623 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

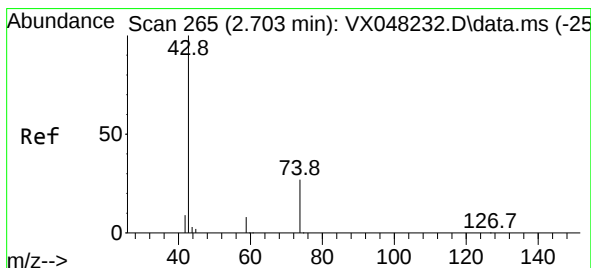
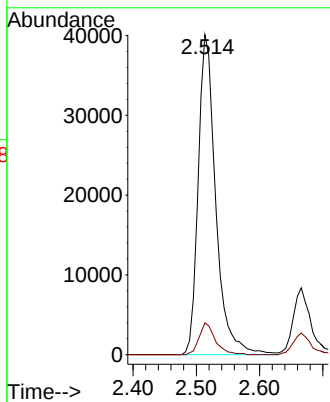
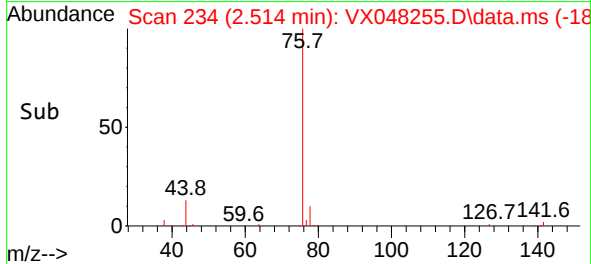
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 76 Resp: 77662
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7

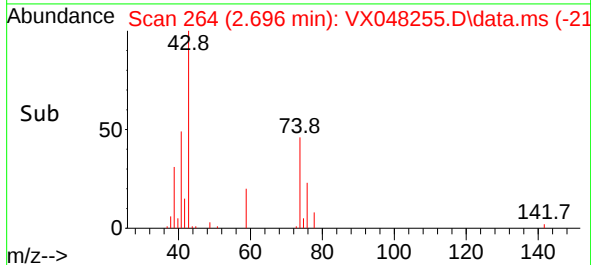
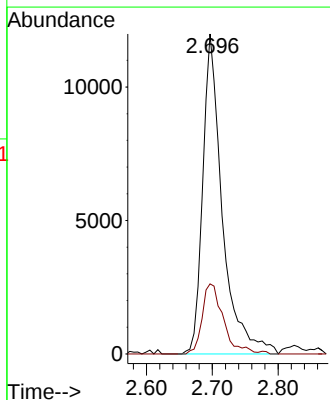
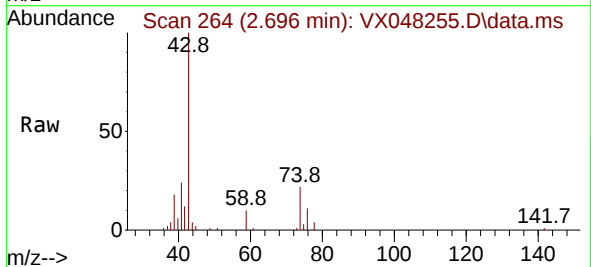
Manual Integrations
APPROVED

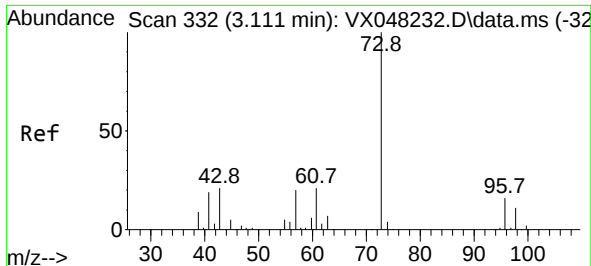
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#18
Methyl Acetate
Concen: 17.503 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 43 Resp: 24826
Ion Ratio Lower Upper
43 100
74 23.6 17.5 26.3





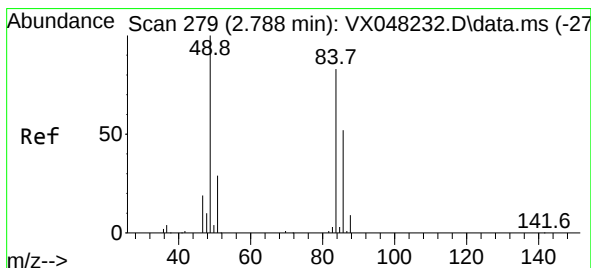
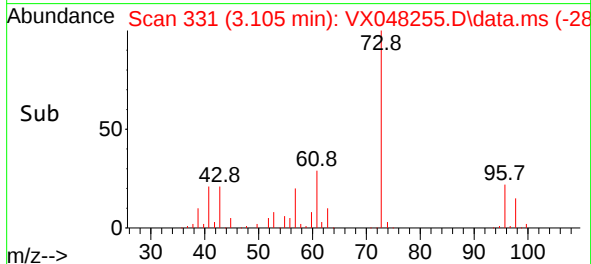
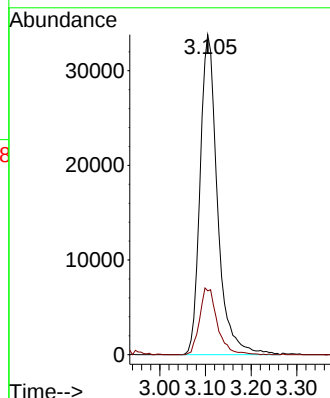
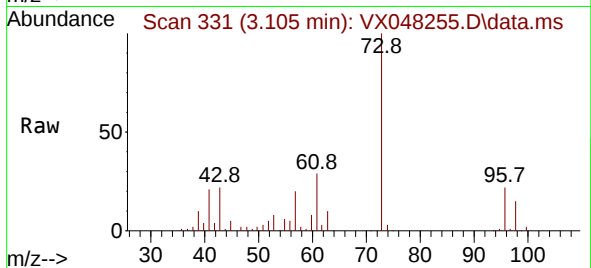
#19
Methyl tert-butyl Ether
Concen: 17.640 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 73 Resp: 8921
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5

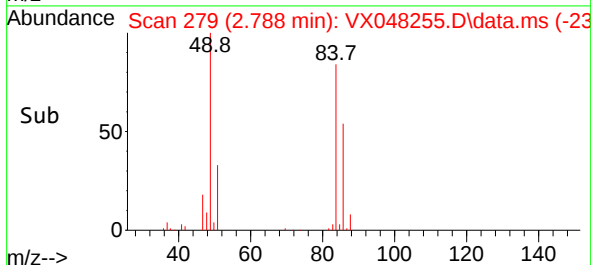
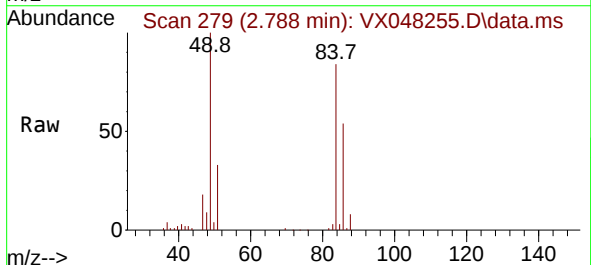
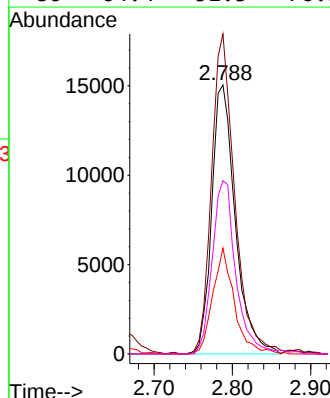
Manual Integrations
APPROVED

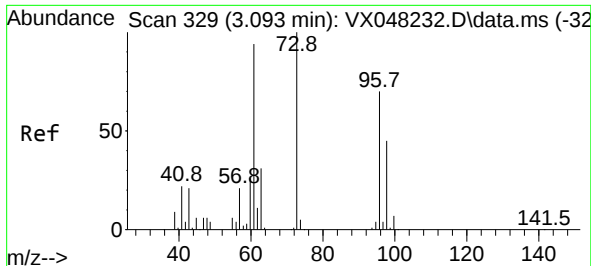
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

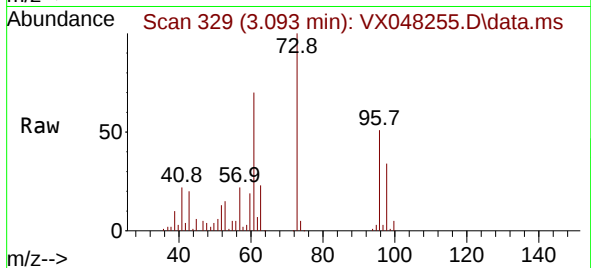
Tgt Ion: 84 Resp: 31545
Ion Ratio Lower Upper
84 100
49 118.9 104.1 156.1
51 39.3 31.3 46.9
86 64.4 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 17.892 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

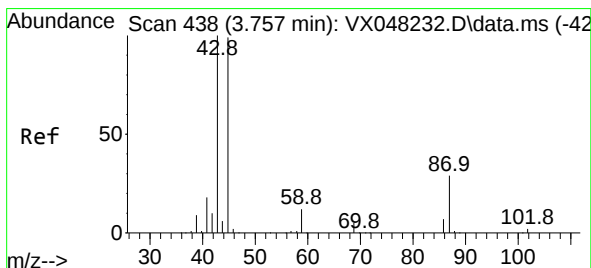
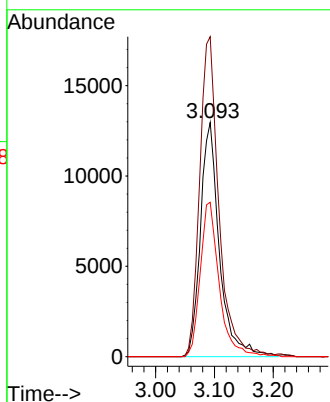
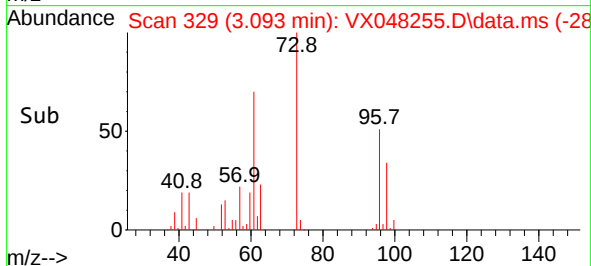
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 96 Resp: 29134
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 66.0 51.2 76.8

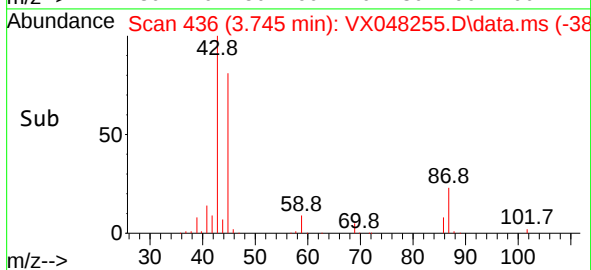
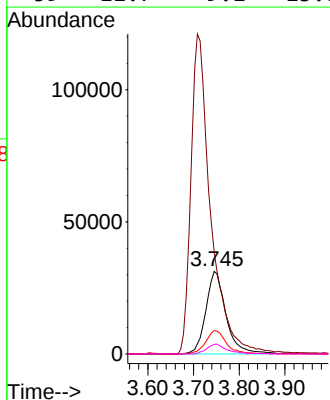
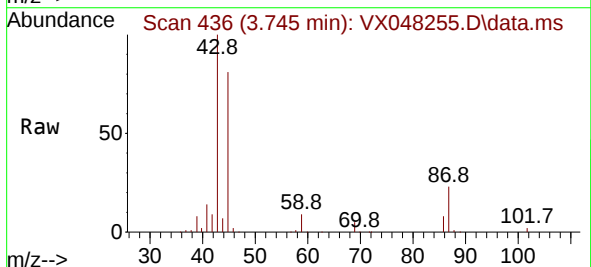
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 19.476 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 45 Resp: 95604
Ion Ratio Lower Upper
45 100
43 123.5 89.8 134.8
87 28.3 20.6 31.0
59 11.7 9.1 13.7





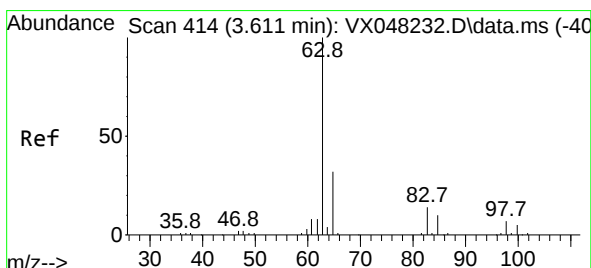
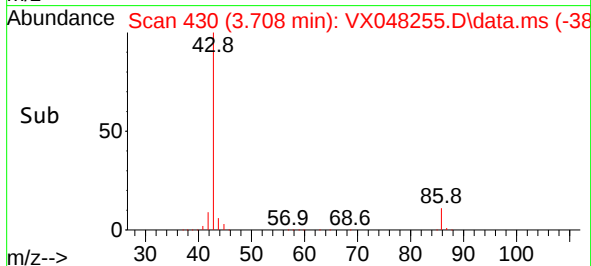
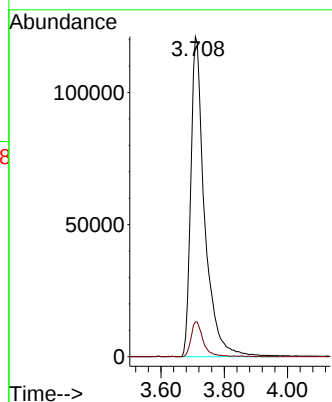
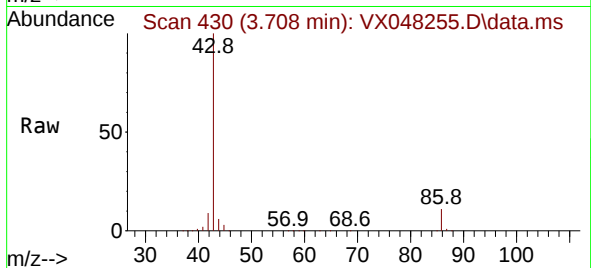
#23
 Vinyl Acetate
 Concen: 93.748 ug/l
 RT: 3.708 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048255.D
 Acq: 21 Oct 2025 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01

Tgt Ion: 43 Resp: 367608
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.9 11.9

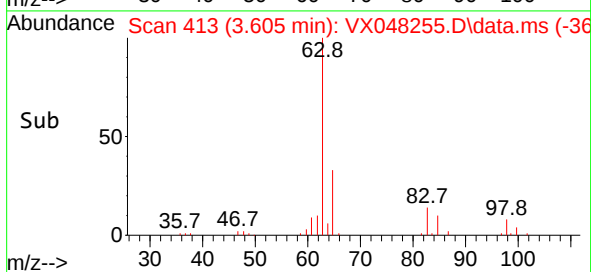
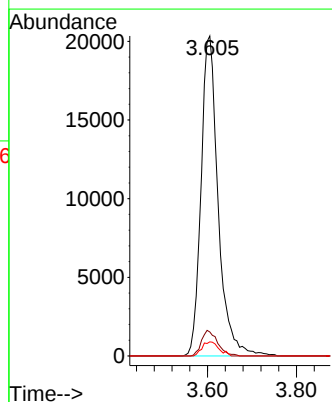
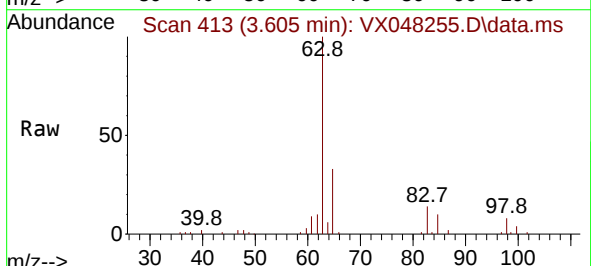
Manual Integrations
 APPROVED

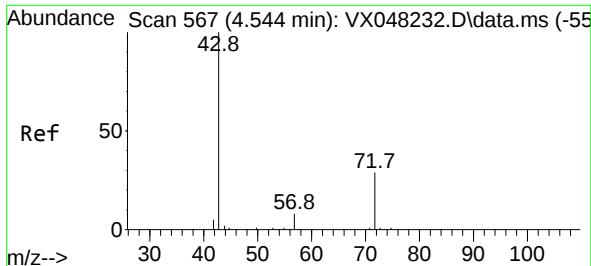
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025



#24
 1,1-Dichloroethane
 Concen: 18.382 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048255.D
 Acq: 21 Oct 2025 10:06

Tgt Ion: 63 Resp: 54562
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.6
 100 4.4 2.1 6.3





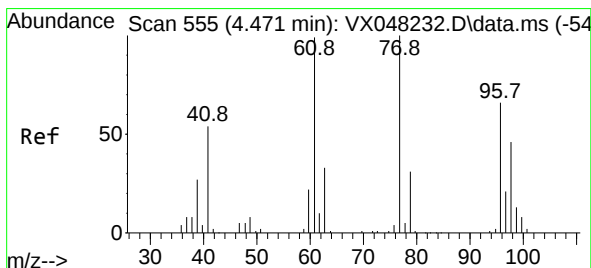
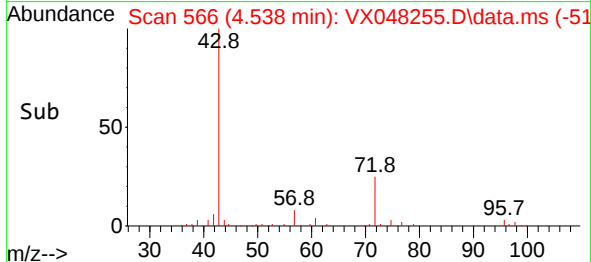
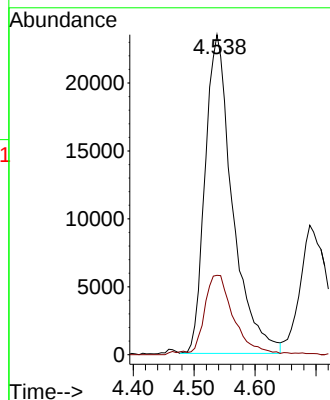
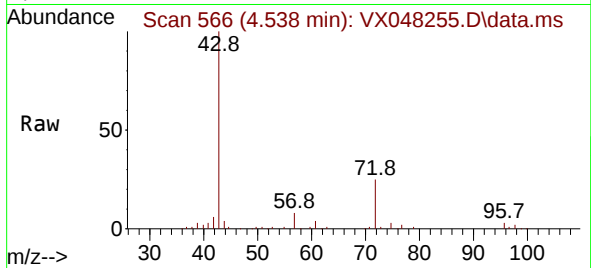
#25
2-Butanone
Concen: 85.214 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 7325
Ion Ratio Lower Upper
43 100
72 24.7 19.9 29.9

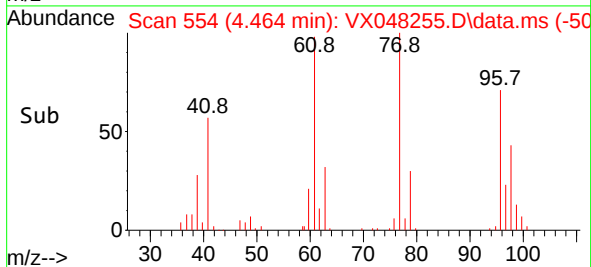
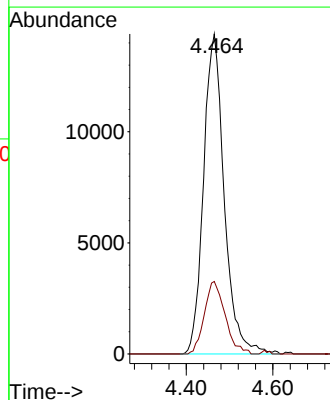
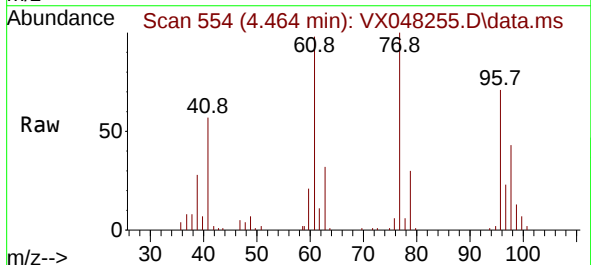
Manual Integrations
APPROVED

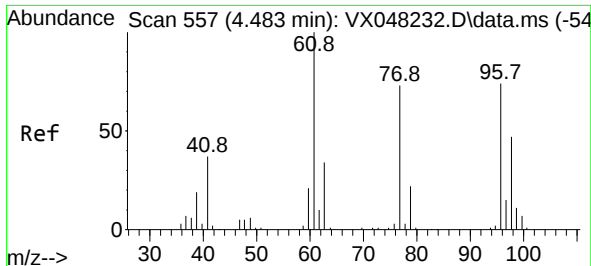
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#26
2,2-Dichloropropane
Concen: 17.854 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 77 Resp: 47833
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.906 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 96 Resp: 35928

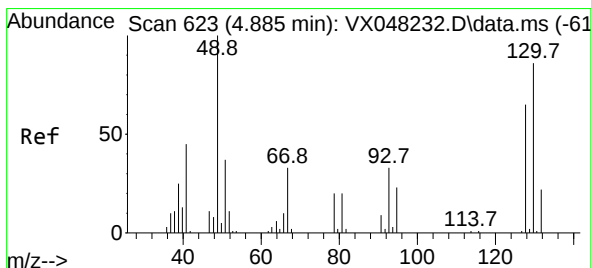
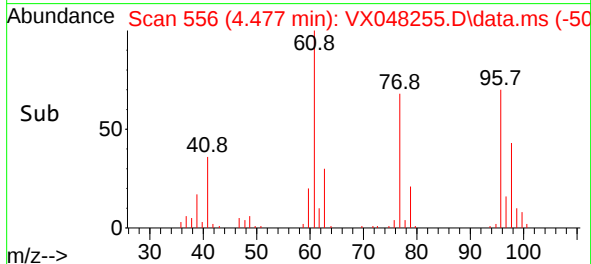
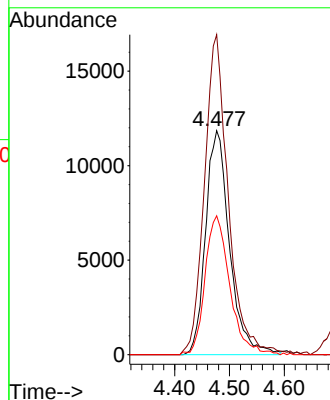
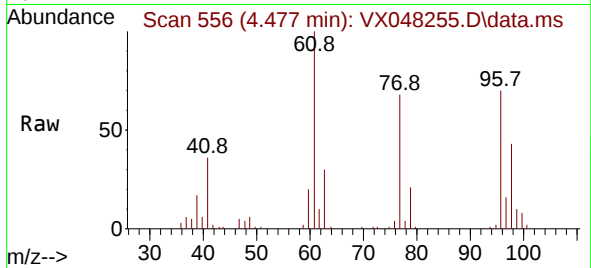
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	294.2
98	64.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 21.558 ug/l

RT: 4.879 min Scan# 622

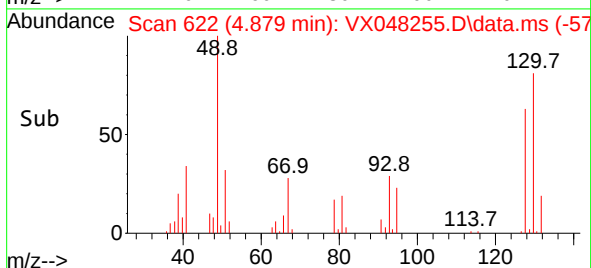
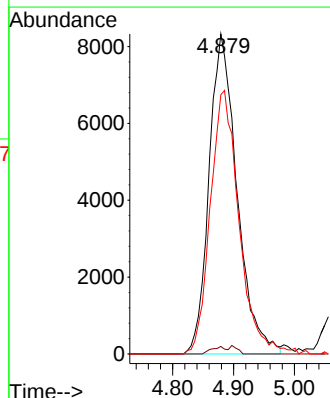
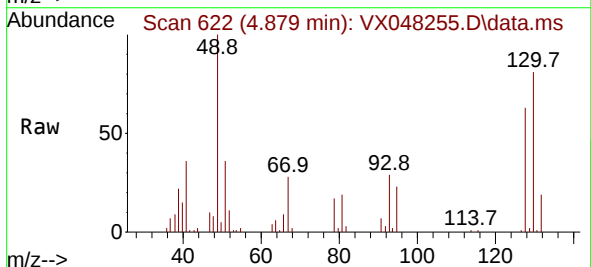
Delta R.T. -0.006 min

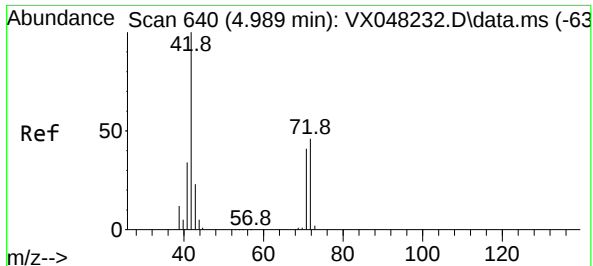
Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Tgt Ion: 49 Resp: 26532

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	84.6	59.3	88.9





#29

Tetrahydrofuran

Concen: 85.433 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

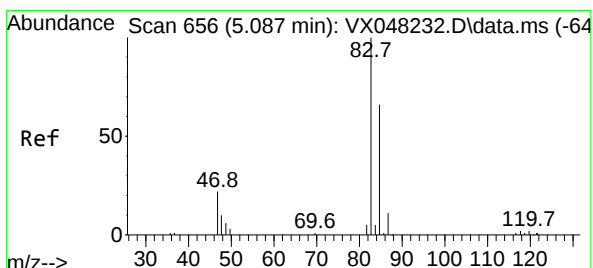
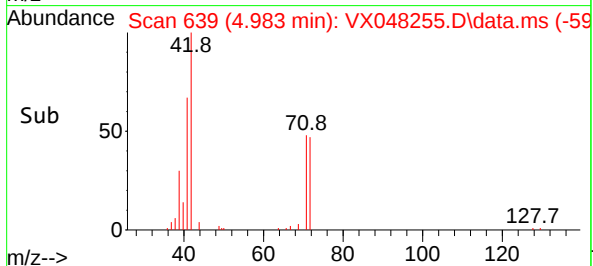
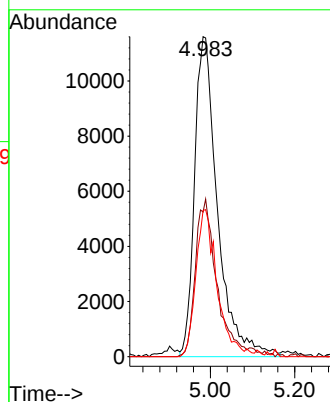
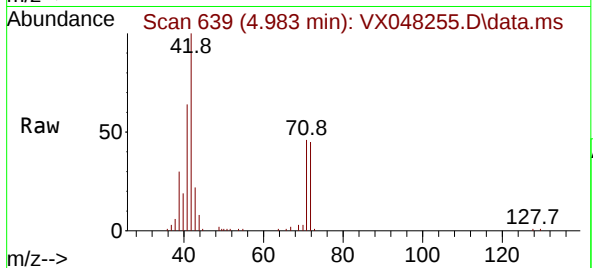
Tgt Ion: 42 Resp: 43984
 Ion Ratio Lower Upper
 42 100
 72 45.6 35.3 52.9
 71 42.9 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 18.803 ug/l

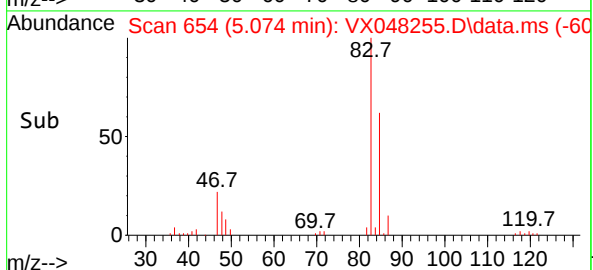
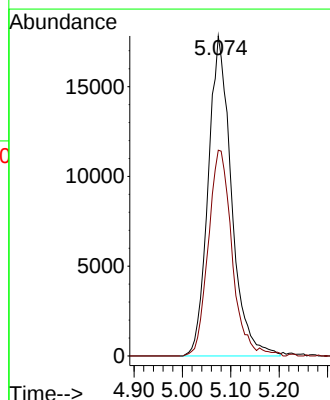
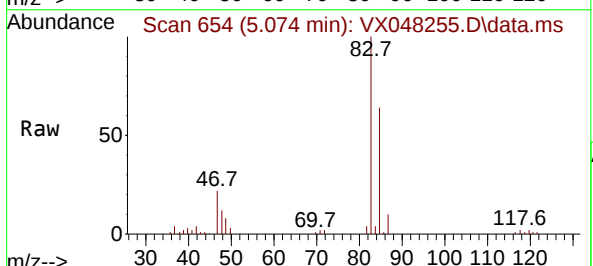
RT: 5.074 min Scan# 654

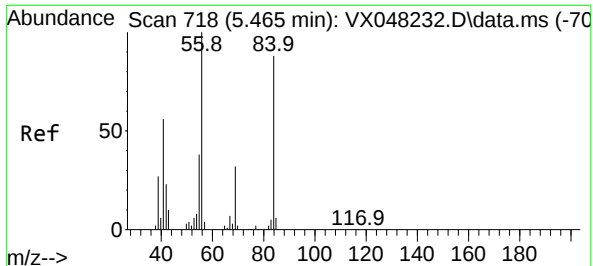
Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

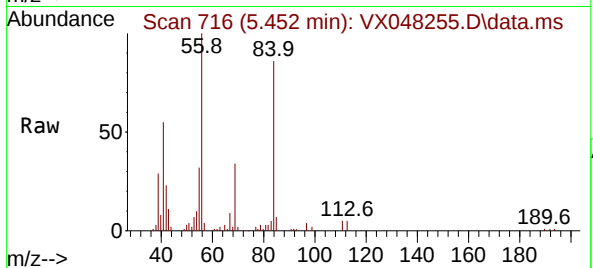
Tgt Ion: 83 Resp: 59628
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.1 75.1





#31
Cyclohexane
Concen: 19.171 ug/l
RT: 5.452 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

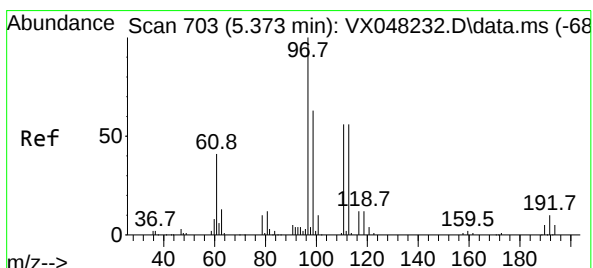
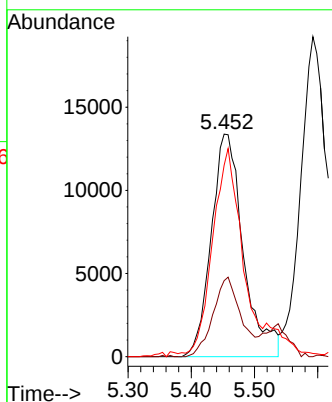
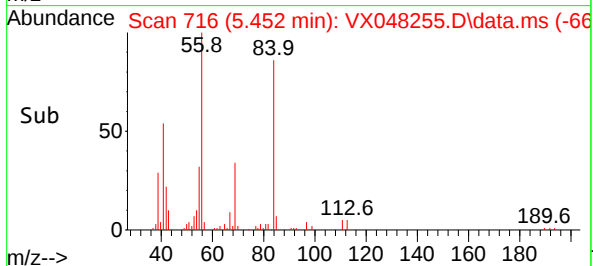
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 56 Resp: 47112
Ion Ratio Lower Upper
56 100
69 34.2 23.0 34.6
84 84.6 64.6 97.0

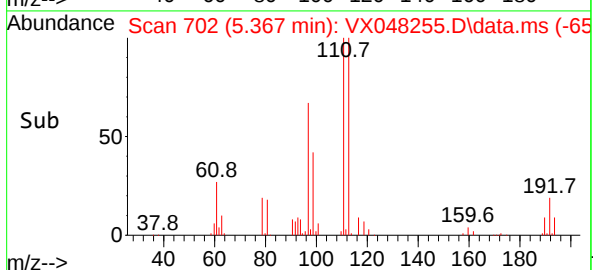
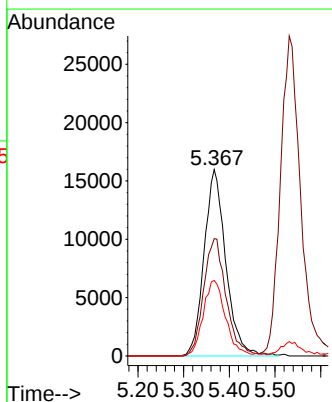
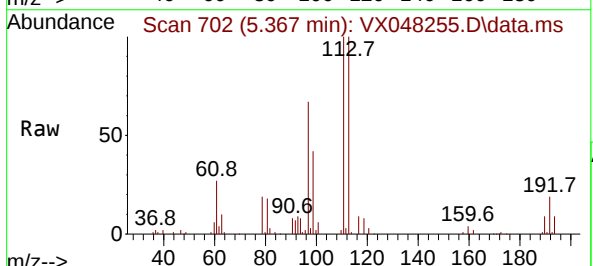
Manual Integrations
APPROVED

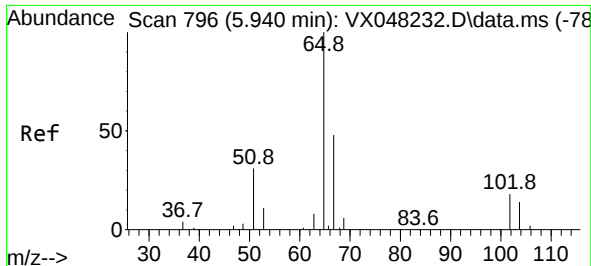
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#32
1,1,1-Trichloroethane
Concen: 18.082 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 97 Resp: 52848
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 41.4 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 49.180 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 65 Resp: 9736

Ion Ratio Lower Upper

65 100

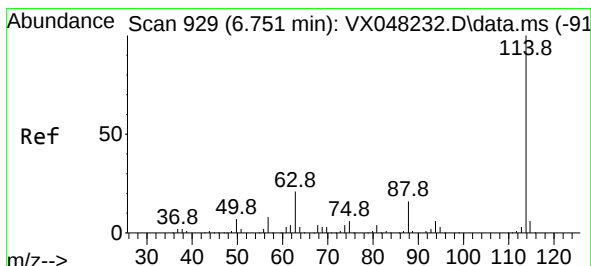
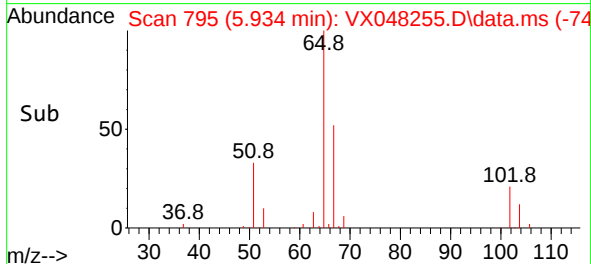
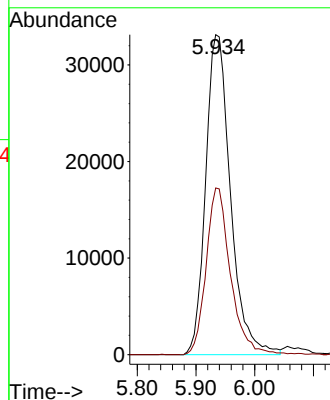
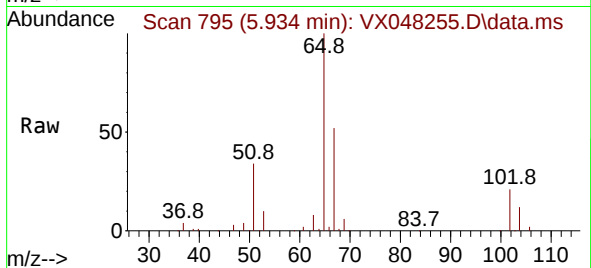
67 51.2 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.738 min Scan# 927

Delta R.T. -0.007 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

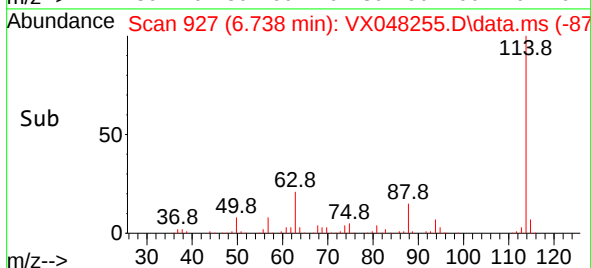
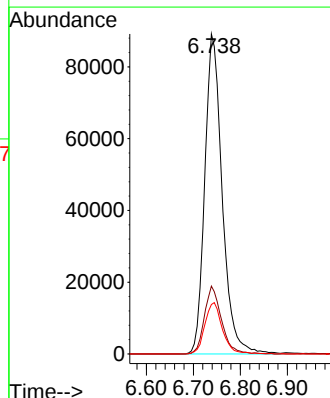
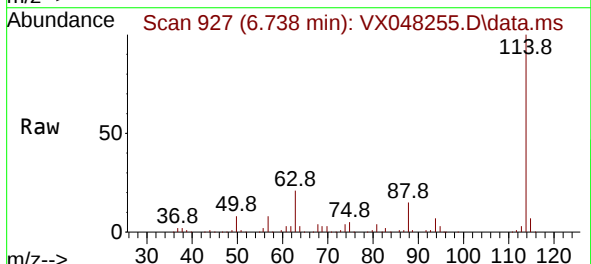
Tgt Ion:114 Resp: 230109

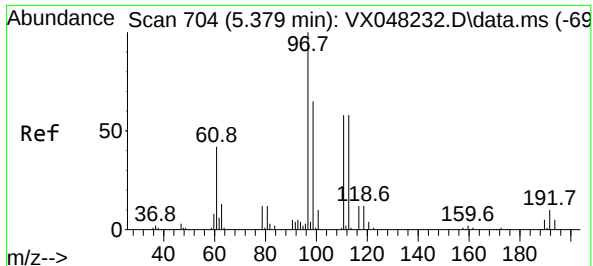
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 15.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.256 ug/l

RT: 5.367 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

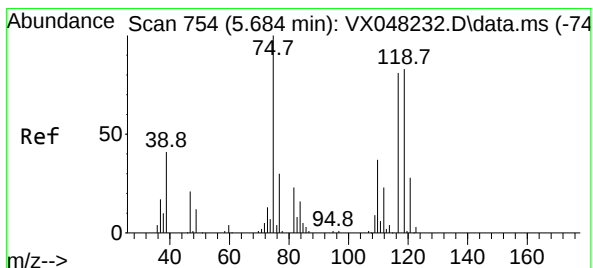
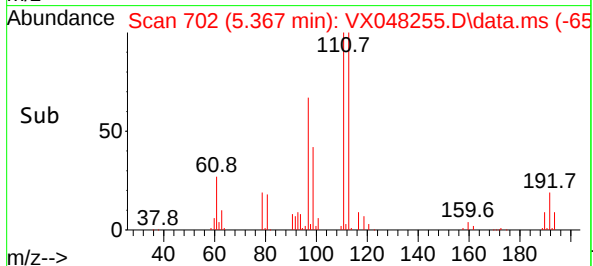
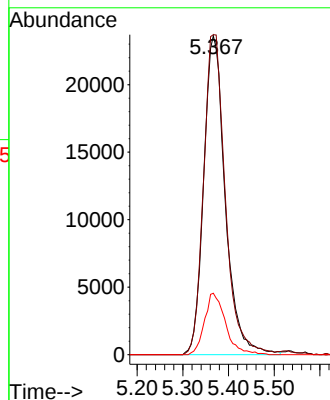
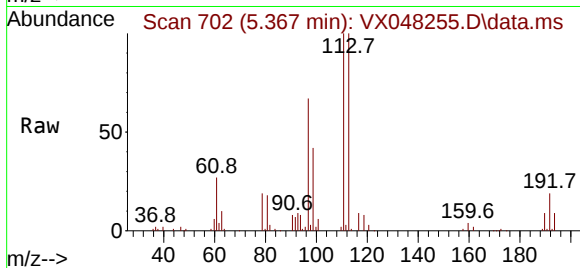
Tgt Ion:	113	Resp:	77378
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	18.9	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#36

1,1-Dichloropropene

Concen: 18.023 ug/l

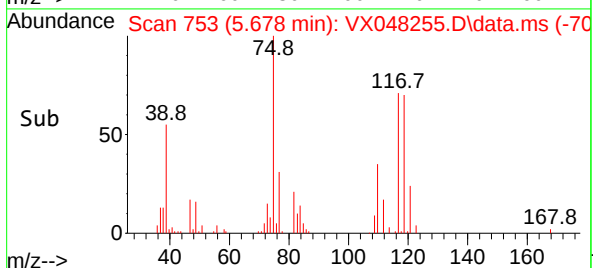
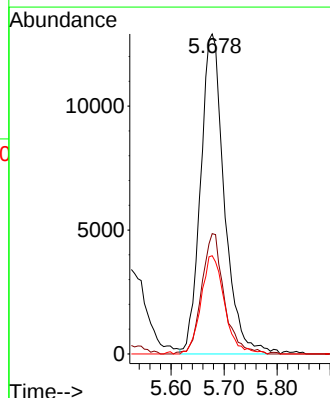
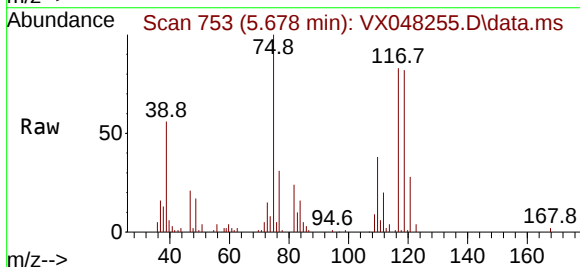
RT: 5.678 min Scan# 753

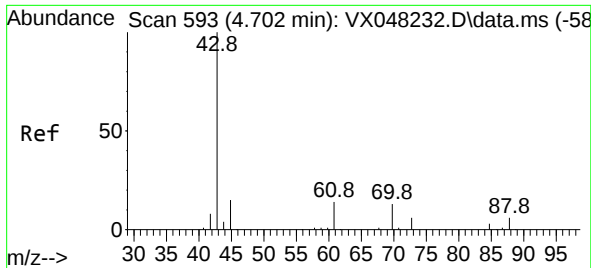
Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Tgt Ion:	75	Resp:	40242
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.7	53.1
77	30.3	24.3	36.5





#37

Ethyl Acetate

Concen: 17.426 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 43 Resp: 3225

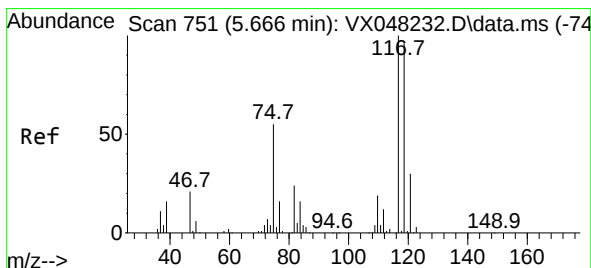
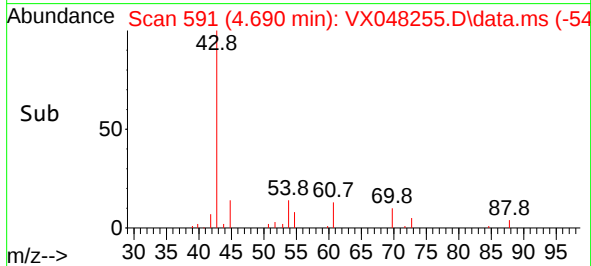
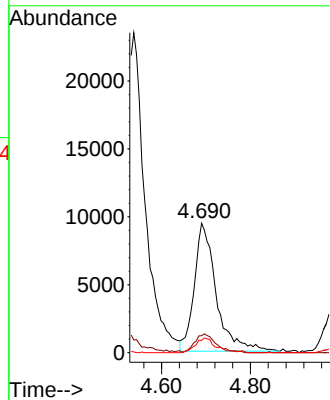
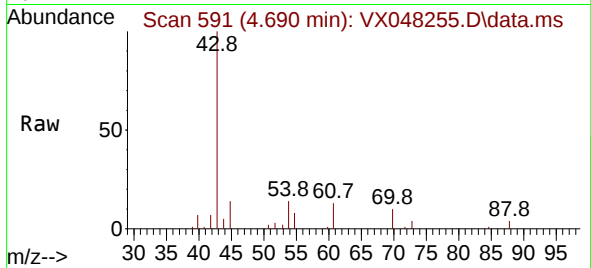
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	15.8
70	10.5	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#38

Carbon Tetrachloride

Concen: 17.024 ug/l

RT: 5.665 min Scan# 751

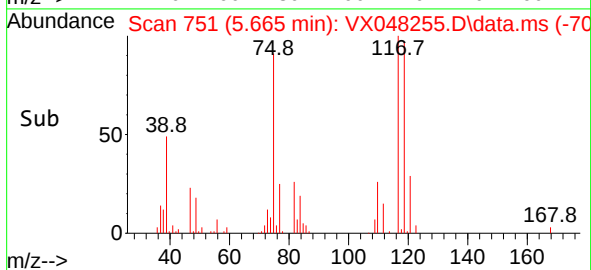
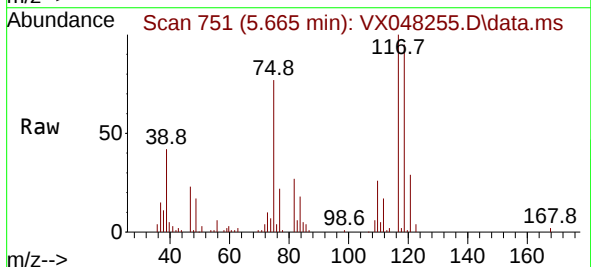
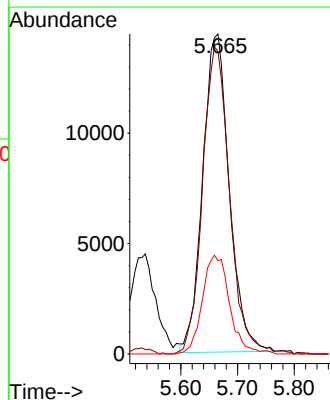
Delta R.T. -0.000 min

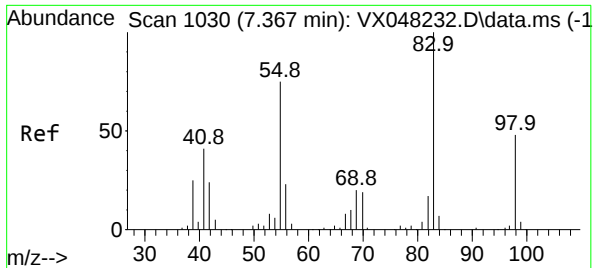
Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Tgt Ion:117 Resp: 46896

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.2	115.8
121	29.4	24.8	37.2





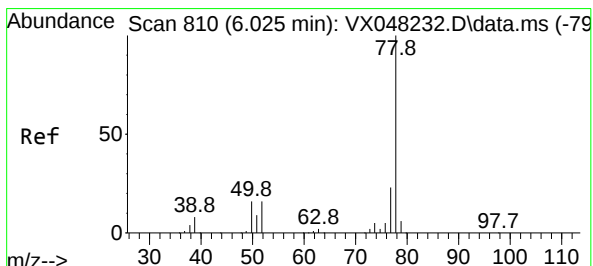
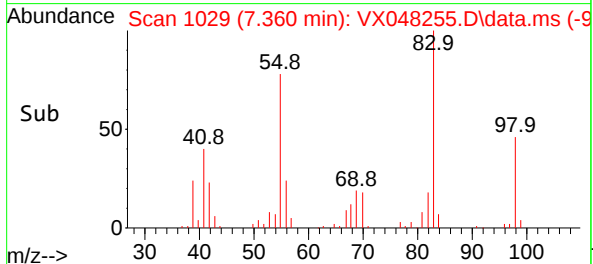
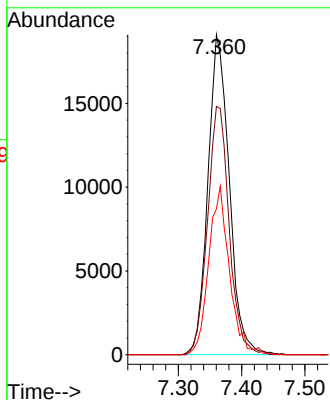
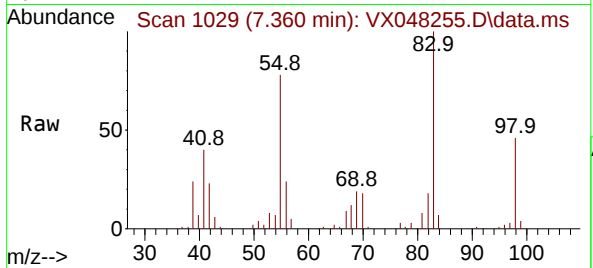
#39
Methylcyclohexane
Concen: 16.976 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 44764
Ion Ratio Lower Upper
83 100
55 77.6 66.2 99.2
98 45.6 38.9 58.3

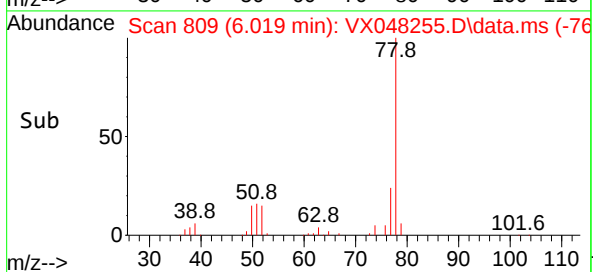
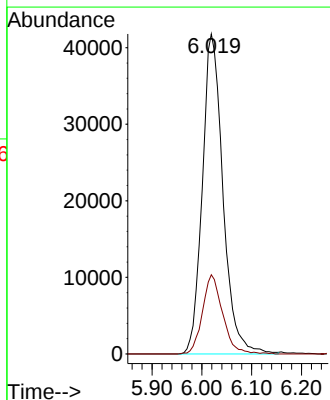
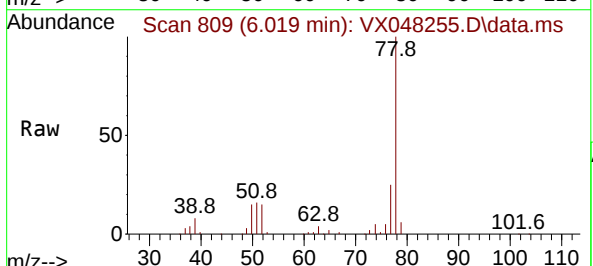
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#40
Benzene
Concen: 18.540 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

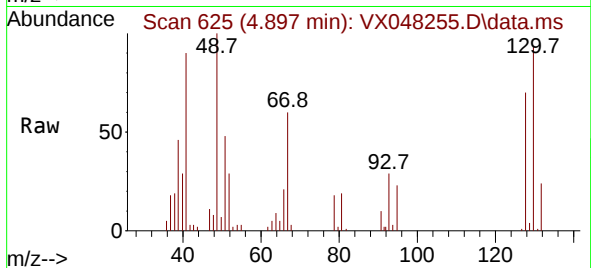
Tgt Ion: 78 Resp: 120185
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 18.099 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

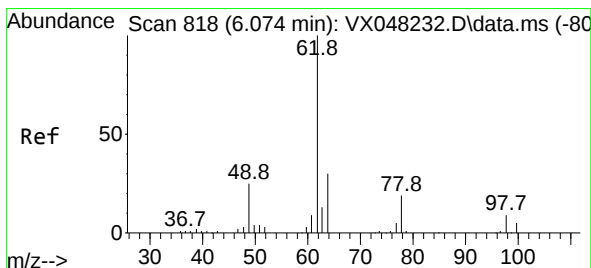
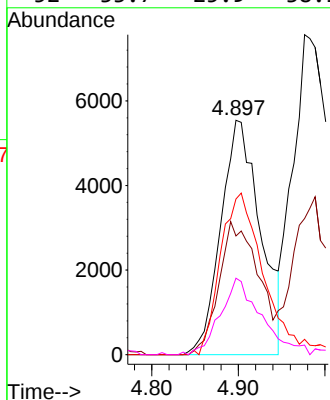
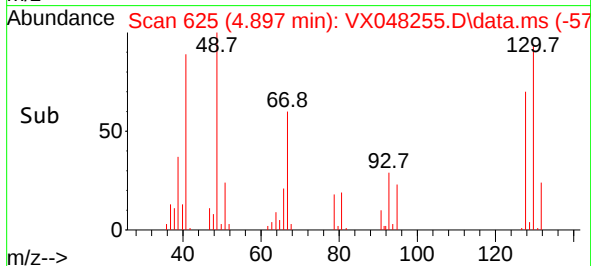
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 41 Resp: 1759
Ion Ratio Lower Upper
41 100
39 56.0 44.0 66.0
67 77.1 58.7 88.1
52 33.7 25.9 38.9

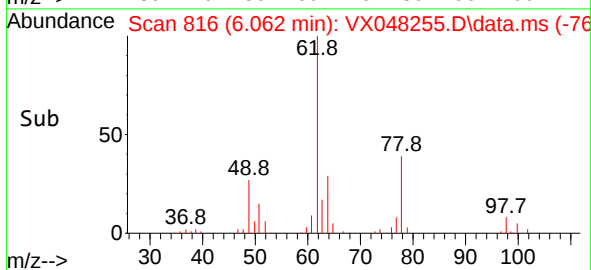
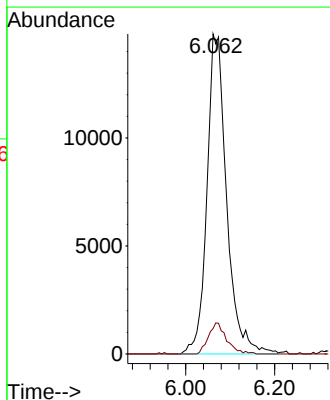
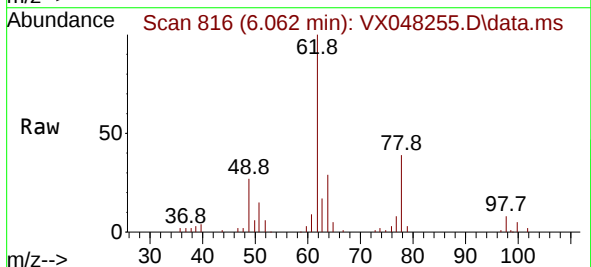
Manual Integrations
APPROVED

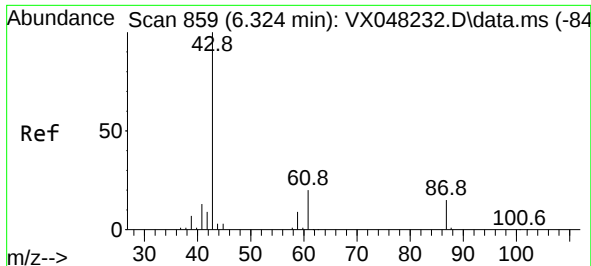
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 19.053 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 62 Resp: 45577
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.2





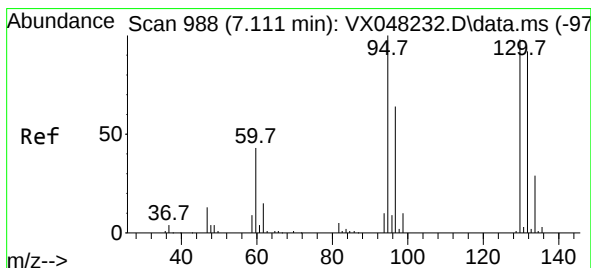
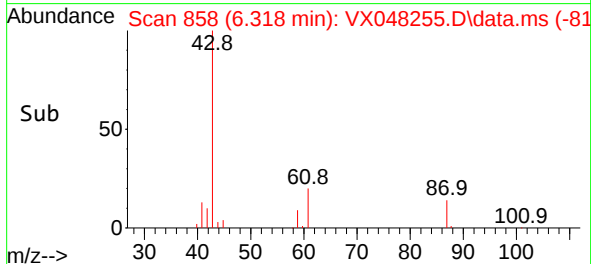
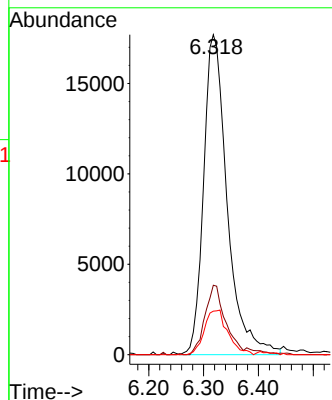
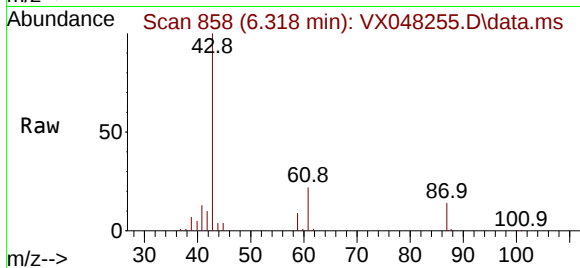
#43
Isopropyl Acetate
Concen: 17.402 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 5290
Ion Ratio Lower Upper
43 100
61 20.0 14.9 22.3
87 13.8 9.4 14.2

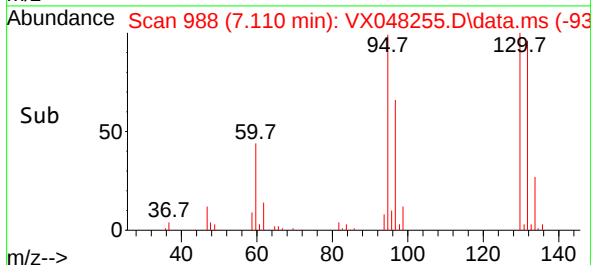
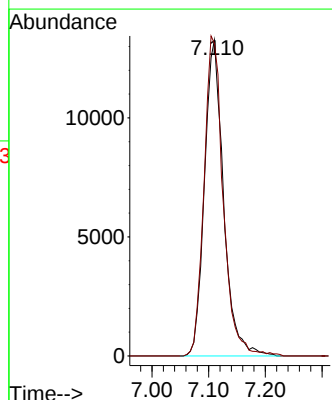
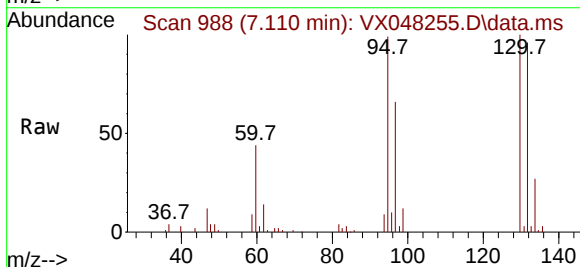
Manual Integrations
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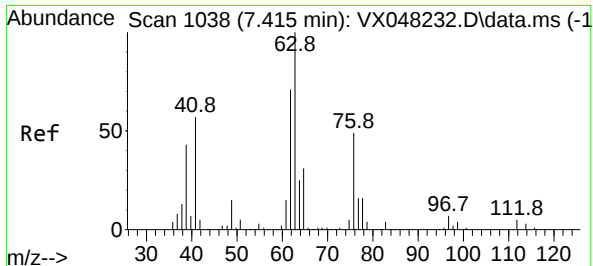
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#44
Trichloroethene
Concen: 18.107 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:130 Resp: 30995
Ion Ratio Lower Upper
130 100
95 98.9 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.252 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 63 Resp: 2967

Ion Ratio Lower Upper

63 100

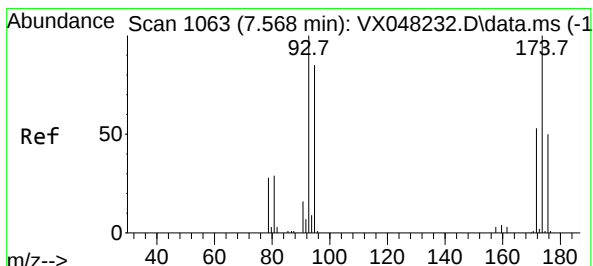
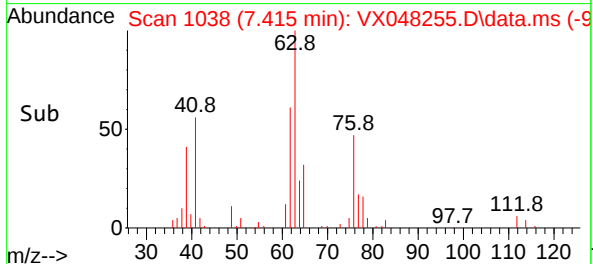
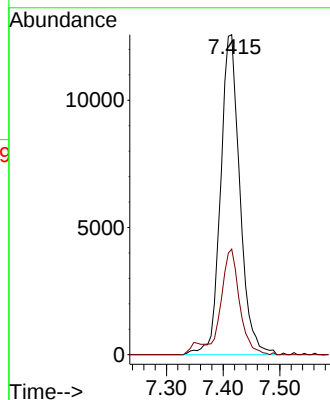
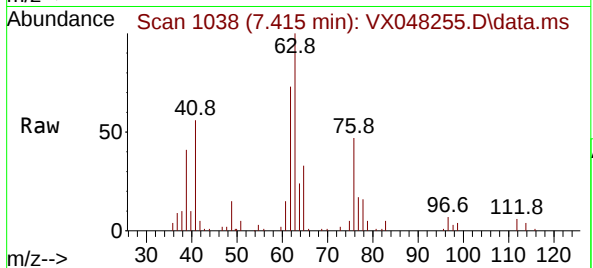
65 33.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 18.352 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

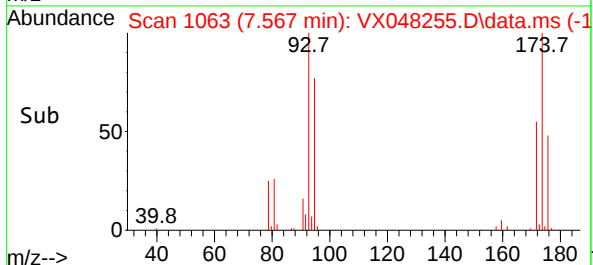
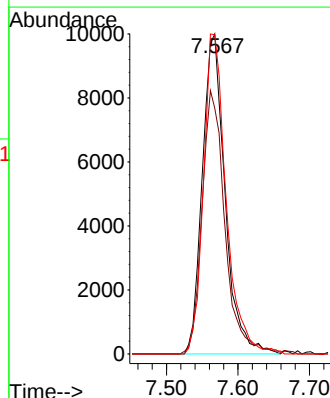
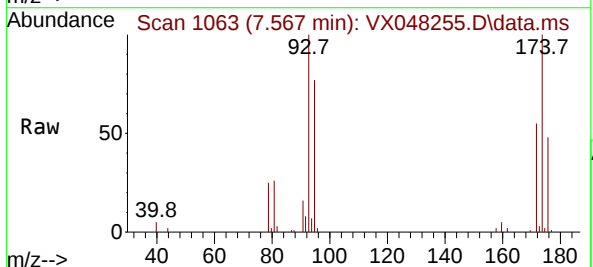
Tgt Ion: 93 Resp: 22037

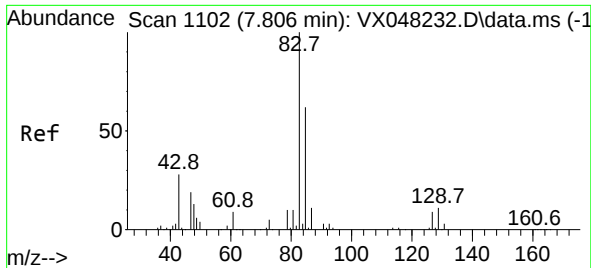
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 100.0 71.7 107.5





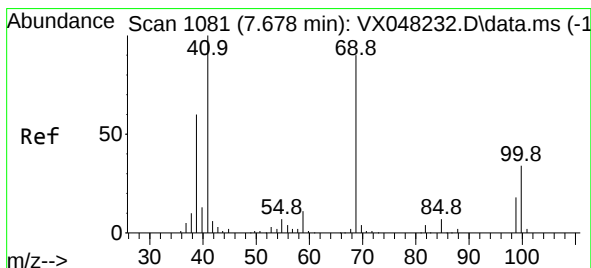
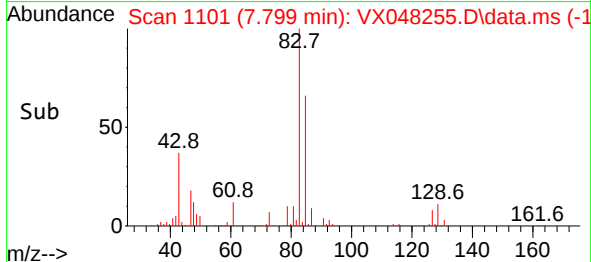
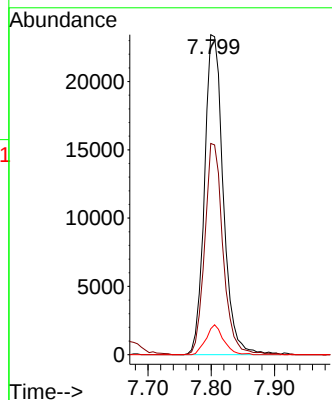
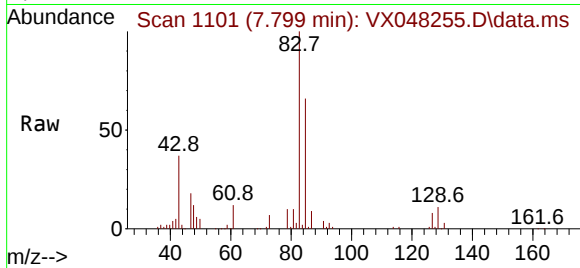
#47
Bromodichloromethane
Concen: 18.606 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 83 Resp: 48240
Ion Ratio Lower Upper
83 100
85 66.0 52.2 78.4
127 8.1 7.3 10.9

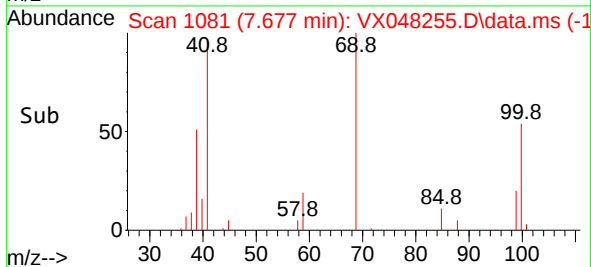
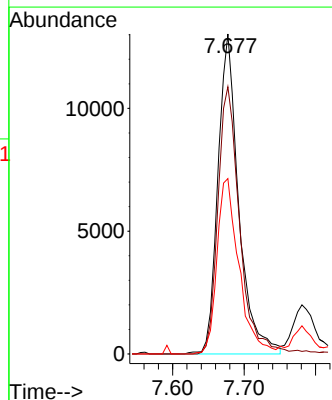
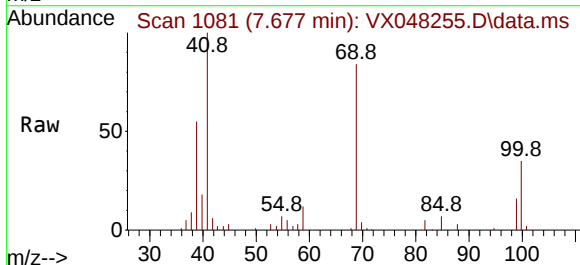
Manual Integrations
APPROVED

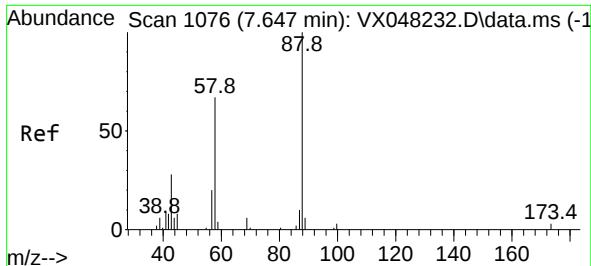
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#48
Methyl methacrylate
Concen: 17.158 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

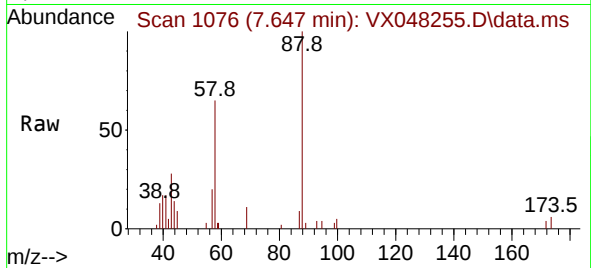
Tgt Ion: 41 Resp: 26320
Ion Ratio Lower Upper
41 100
69 86.9 63.4 95.0
39 57.9 47.1 70.7





#49
1,4-Dioxane
Concen: 292.405 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

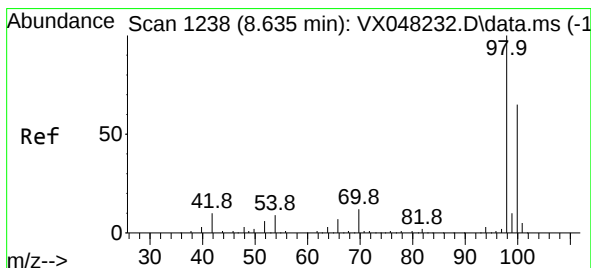
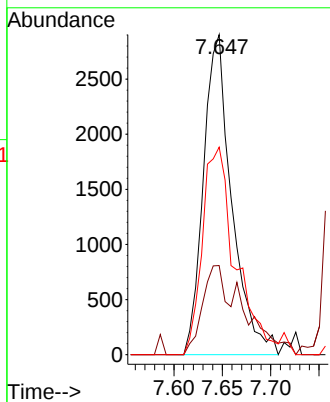
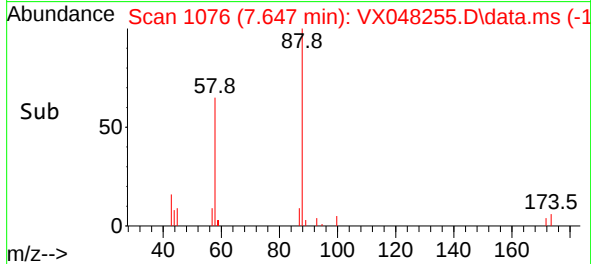
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 88 Resp: 5920
Ion Ratio Lower Upper
88 100
43 24.0 35.0 52.4
58 75.7 61.9 92.9

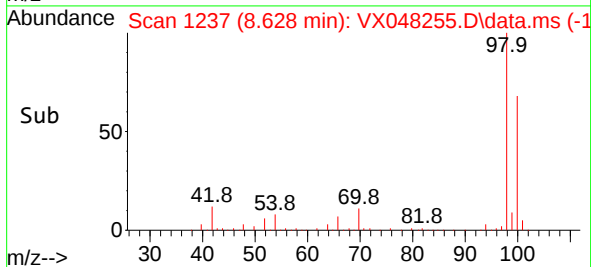
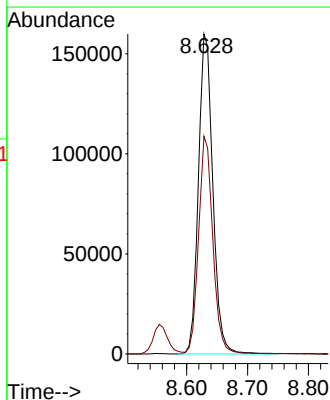
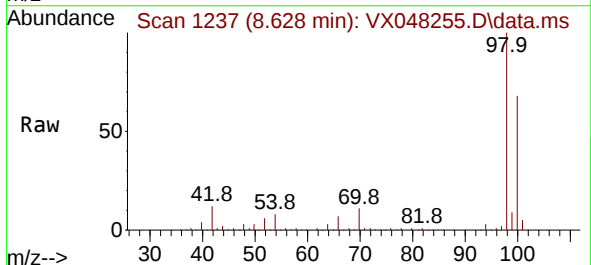
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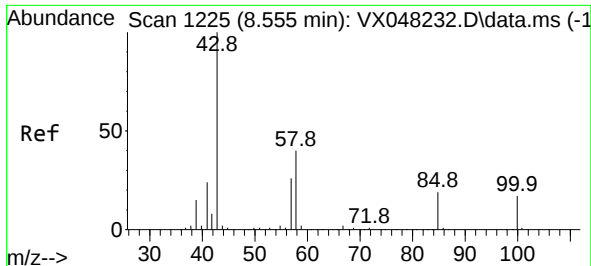
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#50
Toluene-d8
Concen: 47.776 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

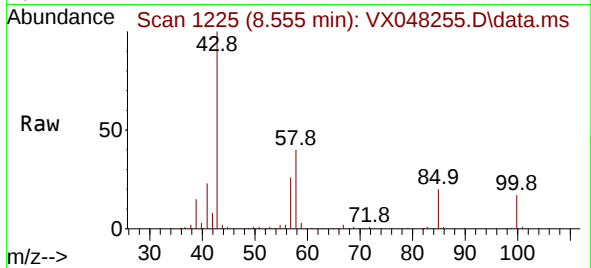
Tgt Ion: 98 Resp: 263067
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 86.877 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

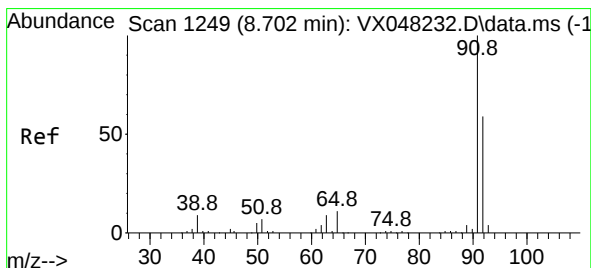
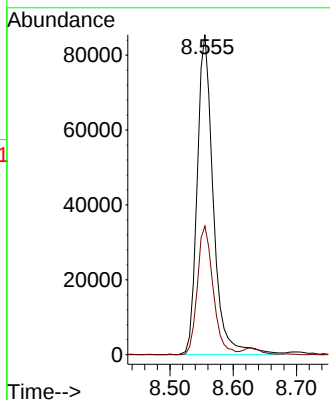
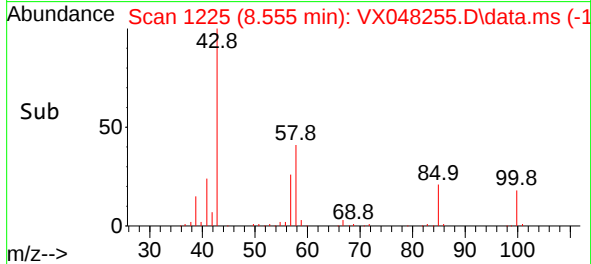
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 43 Resp: 152275
Ion Ratio Lower Upper
43 100
58 39.2 29.5 44.3

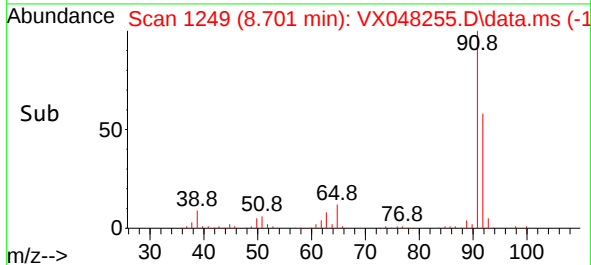
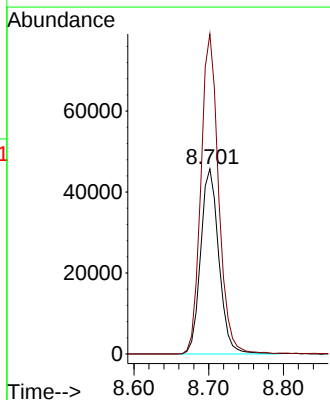
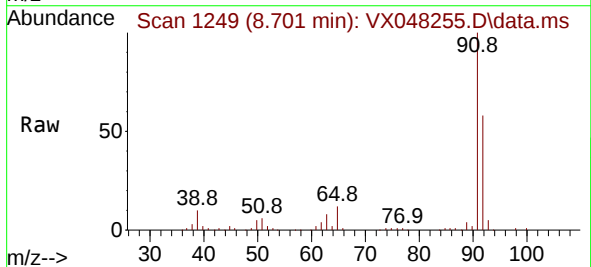
Manual Integrations
APPROVED

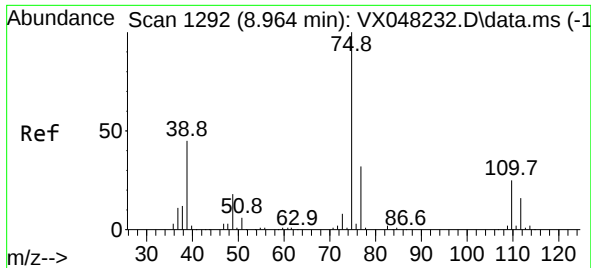
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#52
Toluene
Concen: 18.755 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 92 Resp: 77240
Ion Ratio Lower Upper
92 100
91 168.4 136.1 204.1





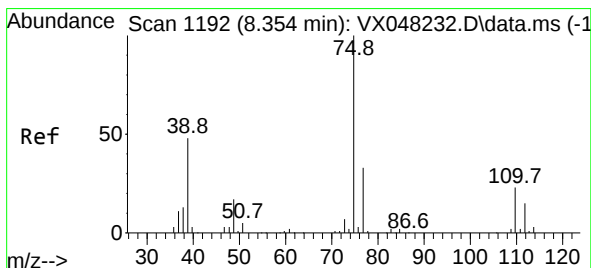
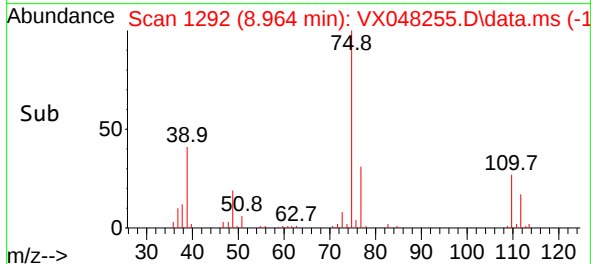
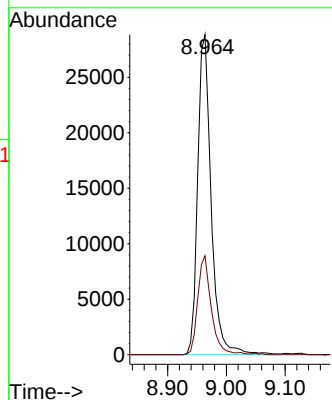
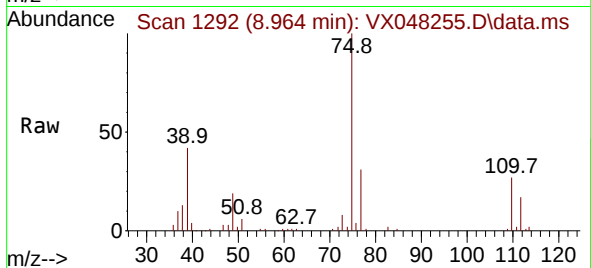
#53
t-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 75 Resp: 46020
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6

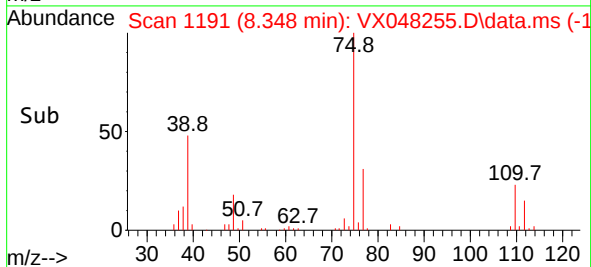
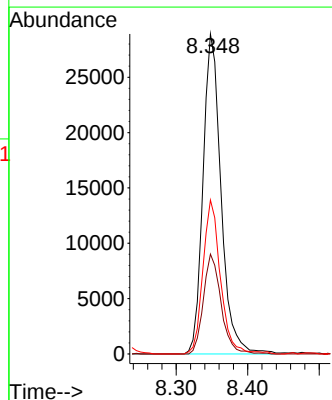
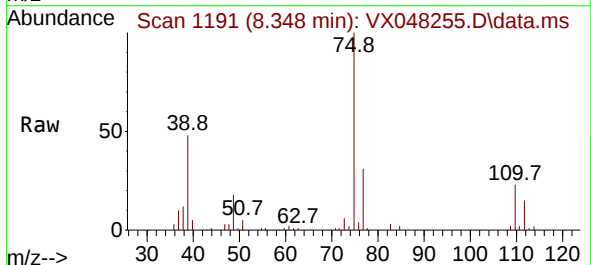
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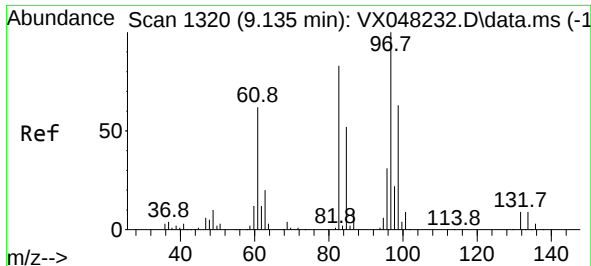
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#54
cis-1,3-Dichloropropene
Concen: 18.810 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 50705
Ion Ratio Lower Upper
75 100
77 31.2 24.9 37.3
39 48.1 42.6 64.0





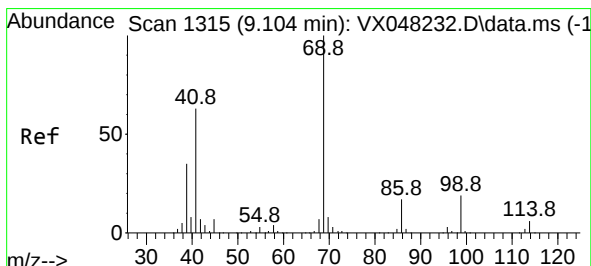
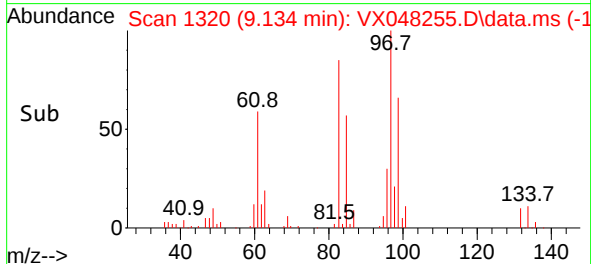
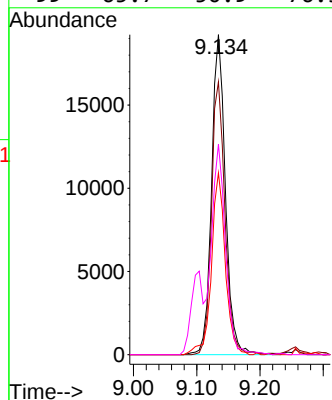
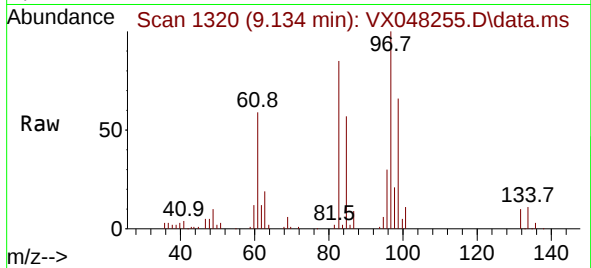
#55
1,1,2-Trichloroethane
Concen: 19.140 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.6	105.8
85	56.8	45.0	67.6
99	65.7	50.9	76.3

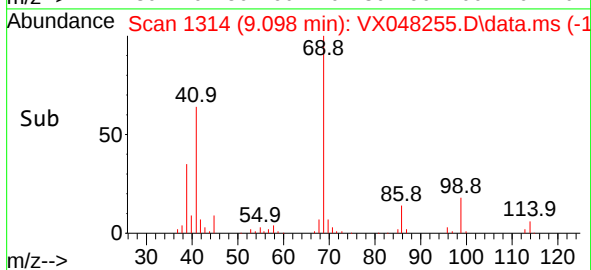
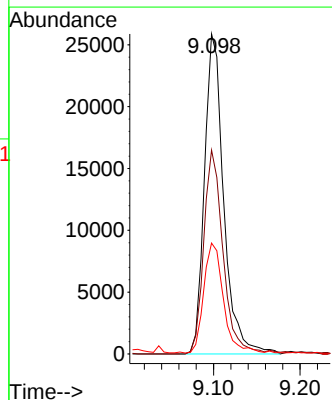
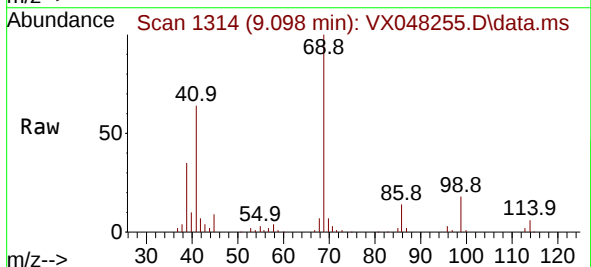
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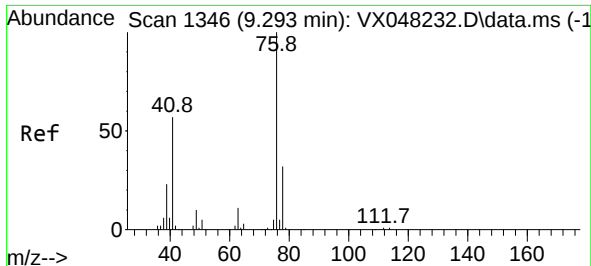
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#56
Ethyl methacrylate
Concen: 17.852 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	56.0	84.0
39	35.4	31.6	47.4





#57

1,3-Dichloropropane

Concen: 19.160 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 76 Resp: 5012

Ion Ratio Lower Upper

76 100

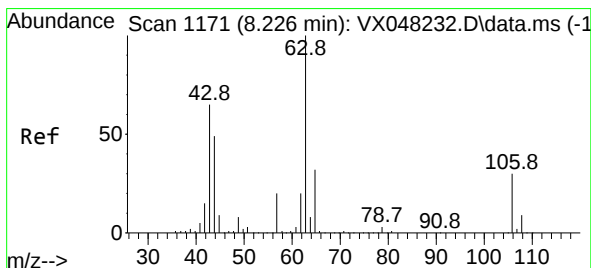
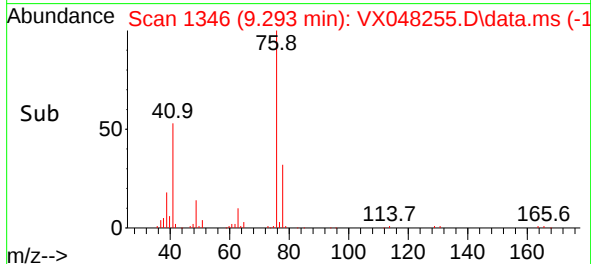
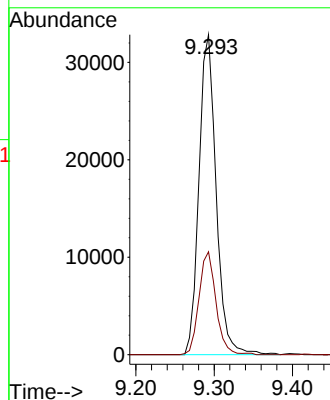
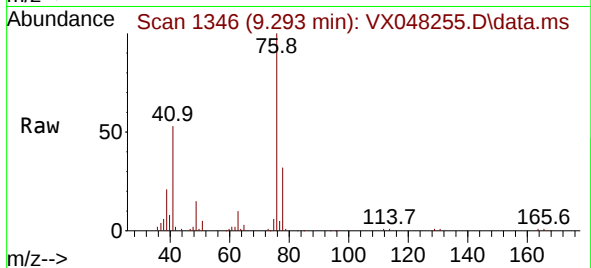
78 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 82.586 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048255.D

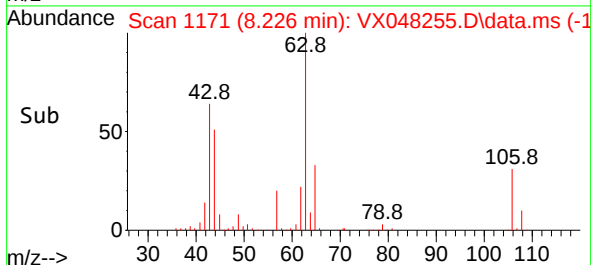
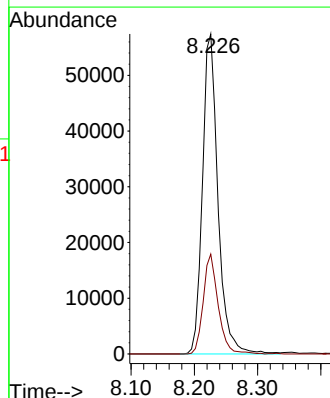
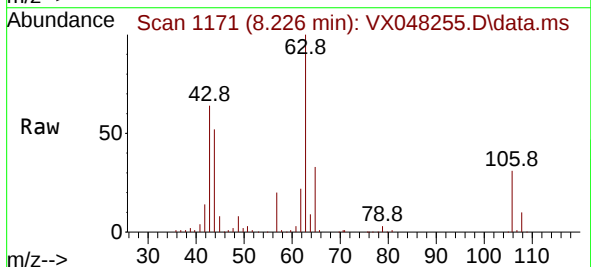
Acq: 21 Oct 2025 10:06

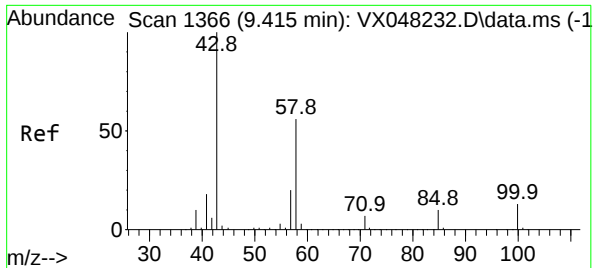
Tgt Ion: 63 Resp: 98096

Ion Ratio Lower Upper

63 100

106 30.0 22.2 33.2





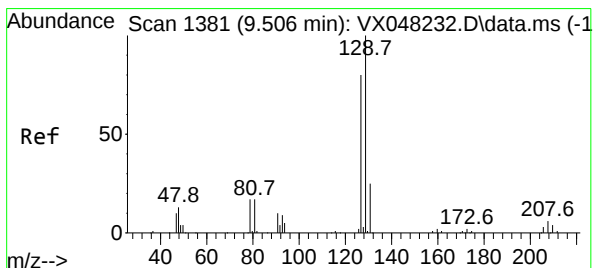
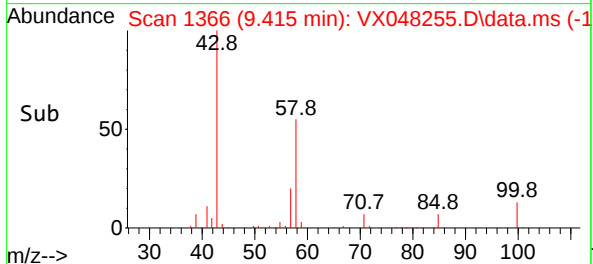
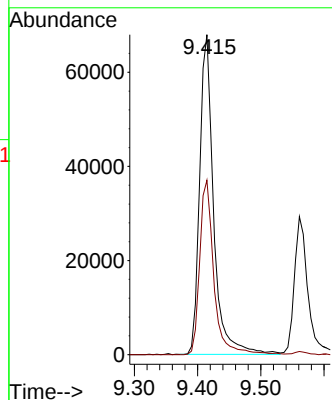
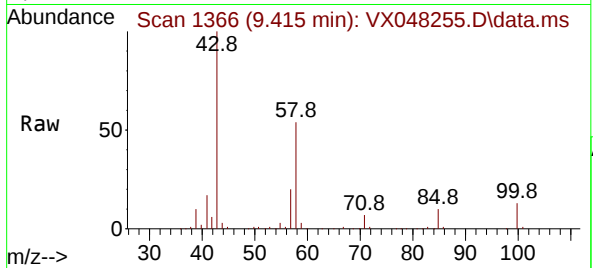
#59
2-Hexanone
Concen: 85.909 ug/l
RT: 9.415 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 43 Resp: 10499
Ion Ratio Lower Upper
43 100
58 55.3 26.3 78.8

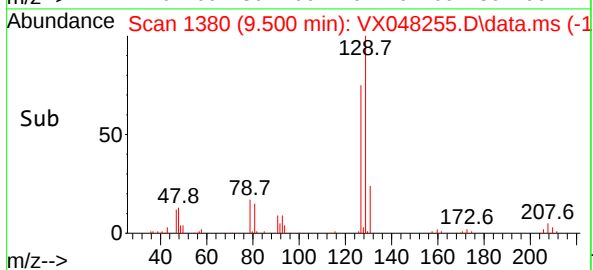
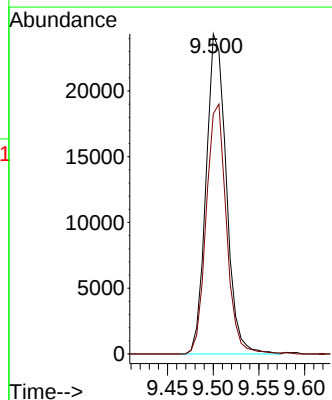
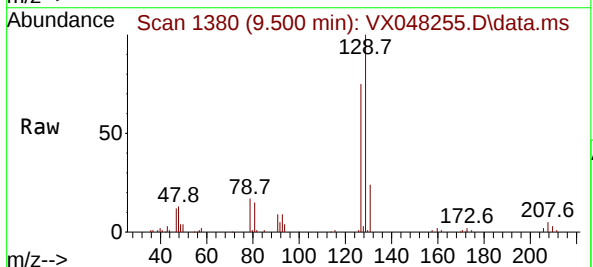
Manual Integrations
APPROVED

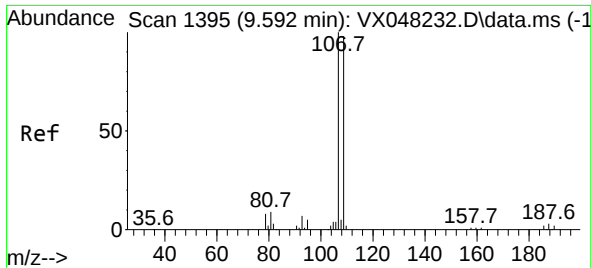
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#60
Dibromochloromethane
Concen: 18.114 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

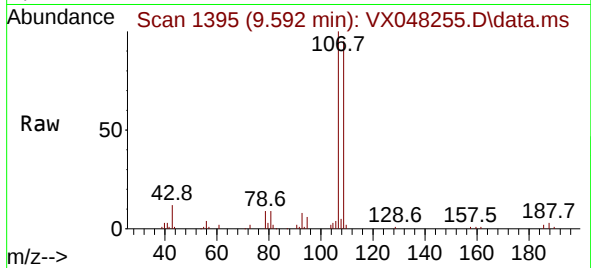
Tgt Ion:129 Resp: 37288
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.554 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

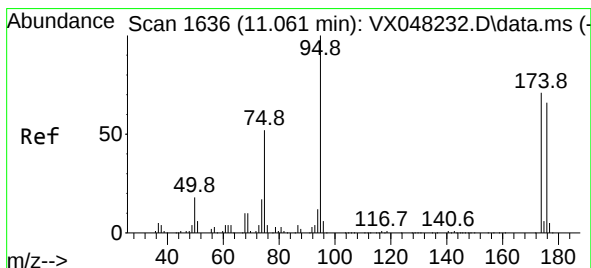
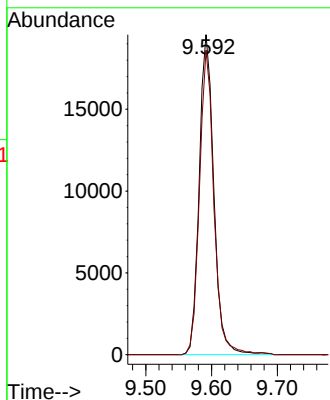
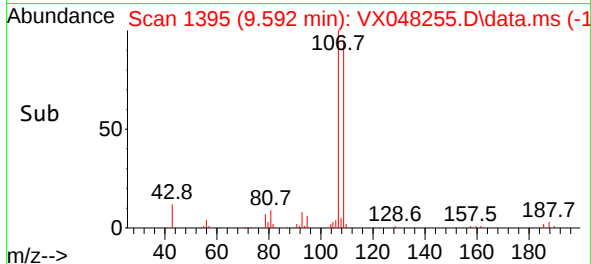
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



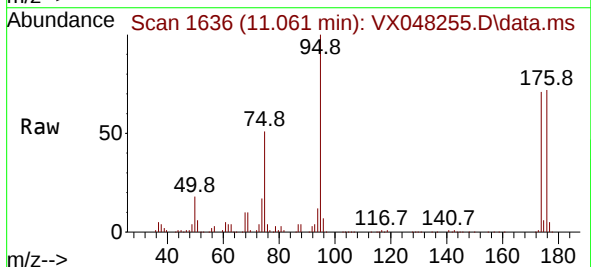
Tgt Ion:107 Resp: 30294
Ion Ratio Lower Upper
107 100
109 94.2 77.0 115.4

Manual Integrations
APPROVED

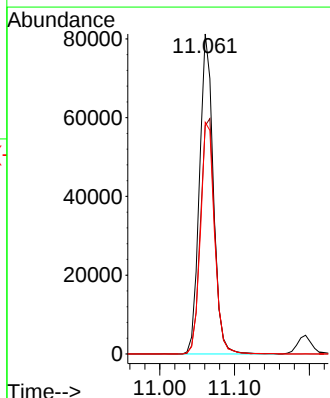
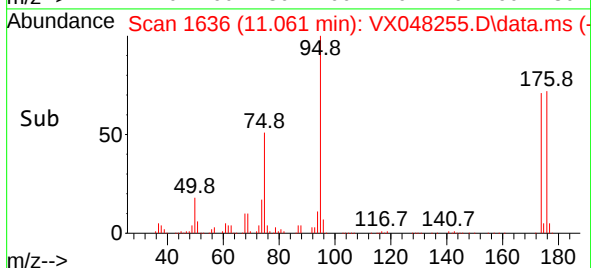
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

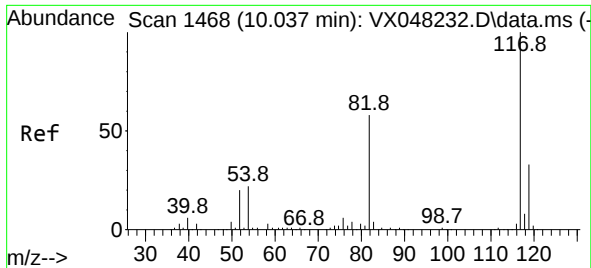


#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06



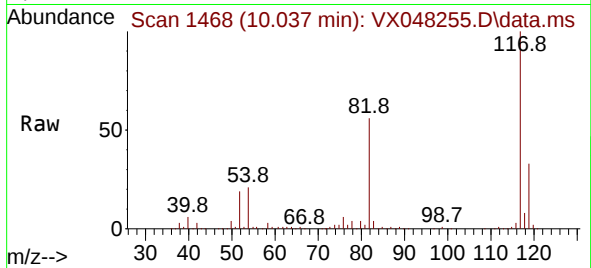
Tgt Ion: 95 Resp: 104113
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.8
176 74.0 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

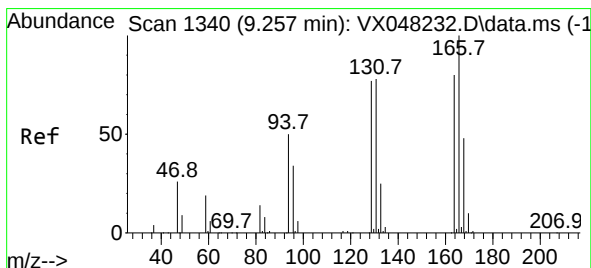
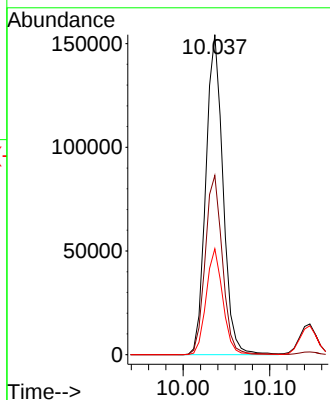
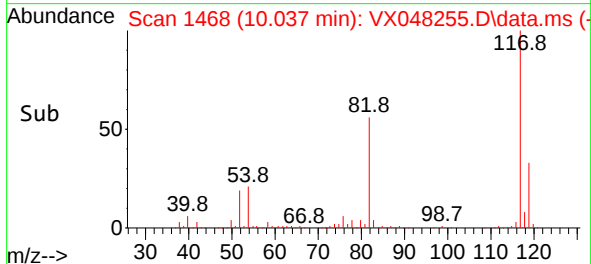
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:117 Resp: 21234
Ion Ratio Lower Upper
117 100
82 56.0 46.5 69.7
119 33.1 25.9 38.9

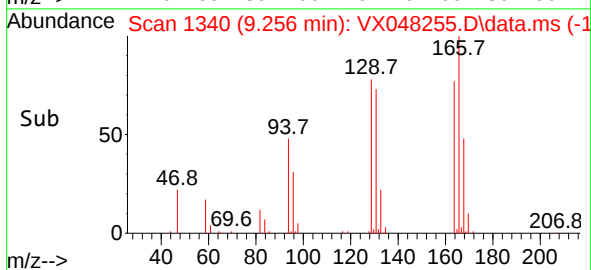
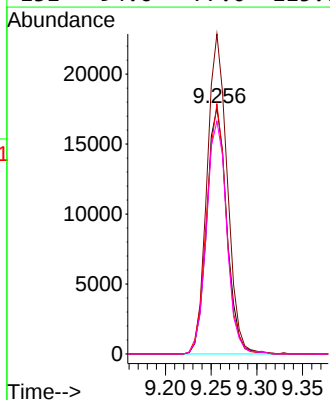
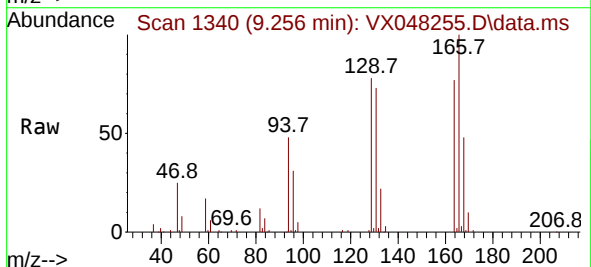
Manual Integrations
APPROVED

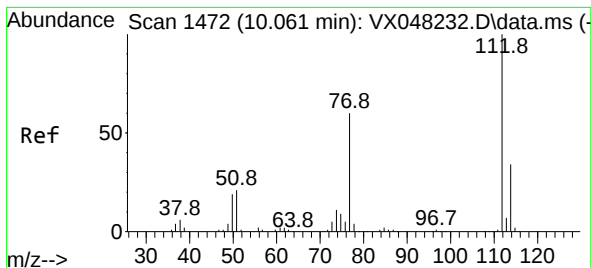
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 16.909 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:164 Resp: 26804
Ion Ratio Lower Upper
164 100
166 130.0 104.5 156.7
129 101.5 81.8 122.6
131 94.6 77.0 115.6





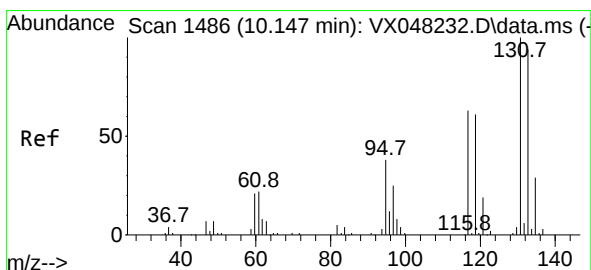
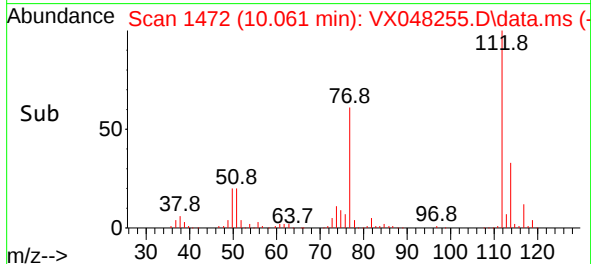
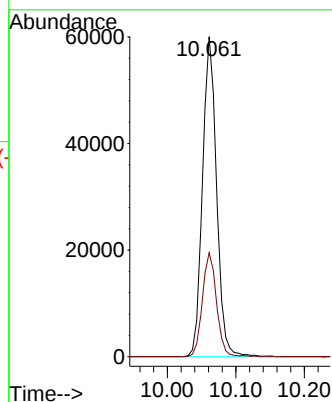
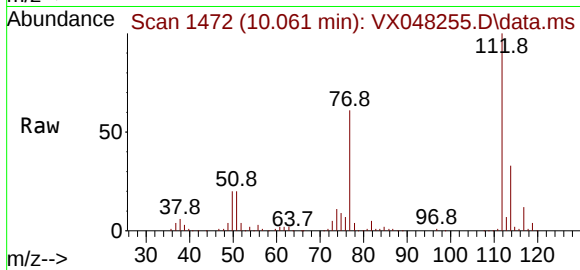
#65
Chlorobenzene
Concen: 17.974 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:112 Resp: 8585
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

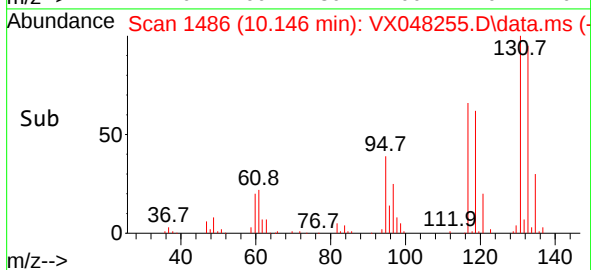
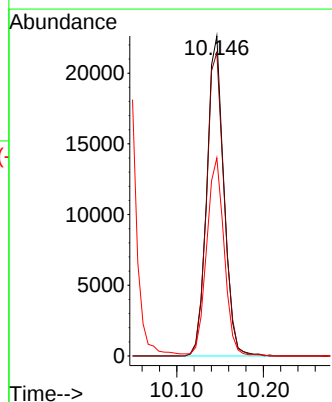
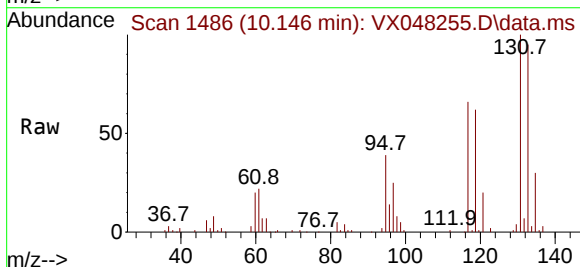
Manual Integrations
APPROVED

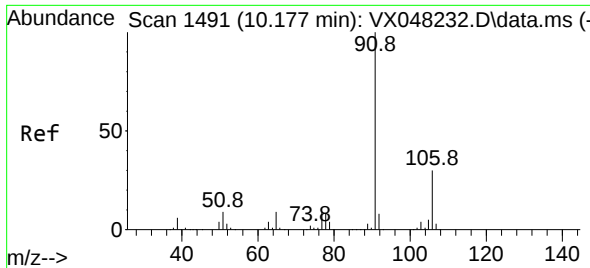
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.566 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

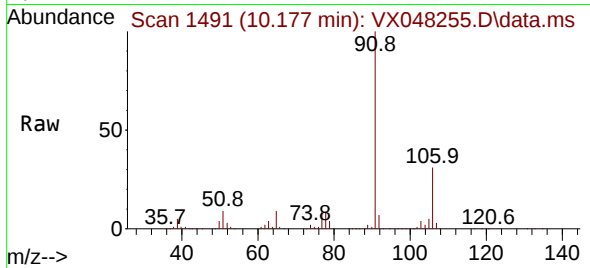
Tgt Ion:131 Resp: 30819
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.8
119 63.9 32.5 97.5





#67
Ethyl Benzene
Concen: 17.824 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

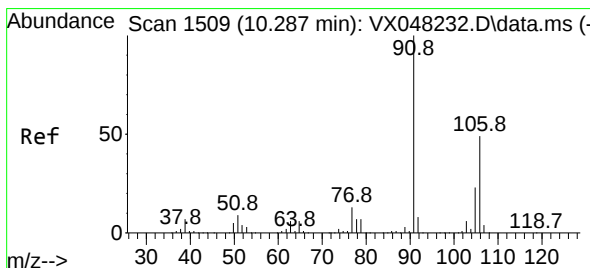
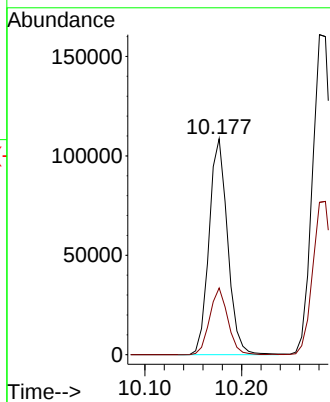
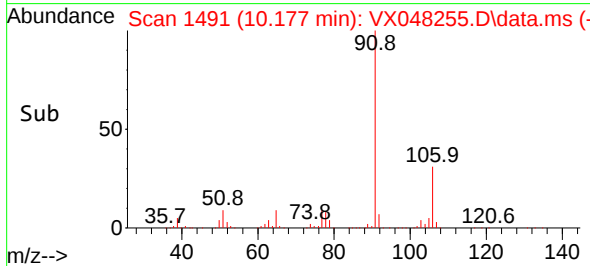
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



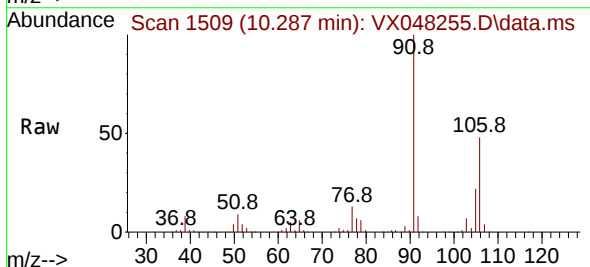
Tgt Ion: 91 Resp: 144950
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6

Manual Integrations
APPROVED

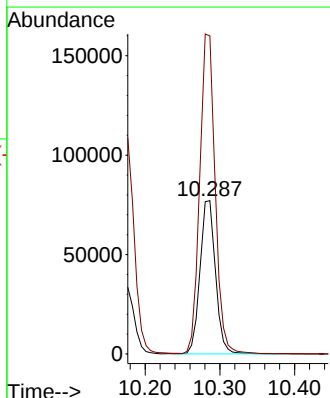
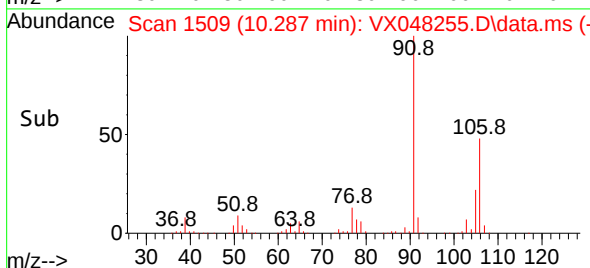
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

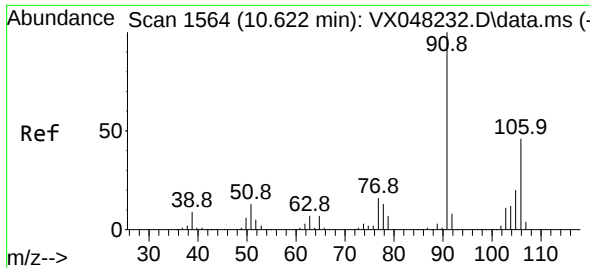


#68
m/p-Xylenes
Concen: 36.763 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06



Tgt Ion:106 Resp: 111086
Ion Ratio Lower Upper
106 100
91 208.0 167.9 251.9





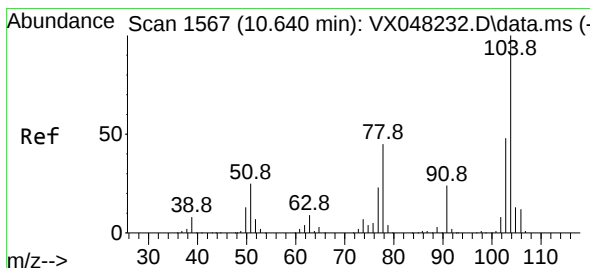
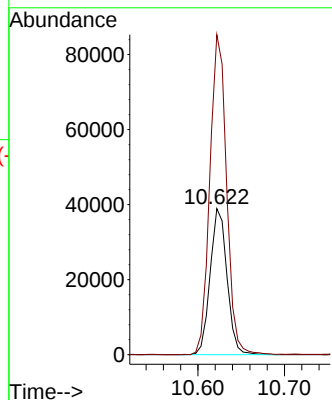
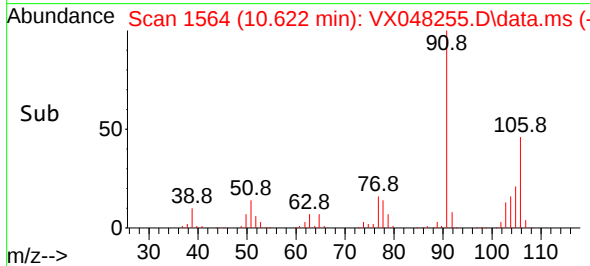
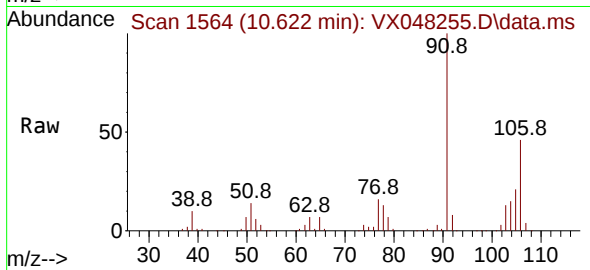
#69
o-Xylene
Concen: 18.060 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:106 Resp: 52680
Ion Ratio Lower Upper
106 100
91 217.5 111.3 333.9

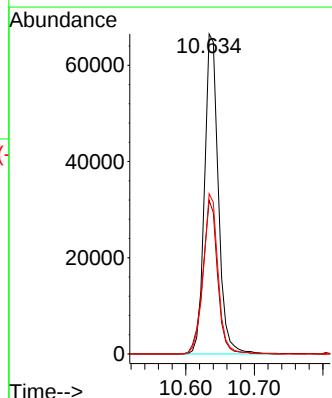
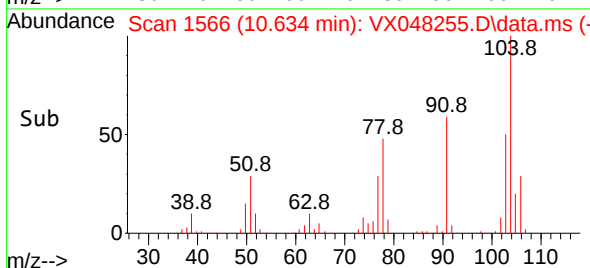
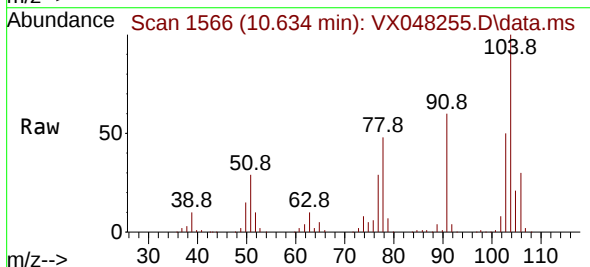
Manual Integrations
APPROVED

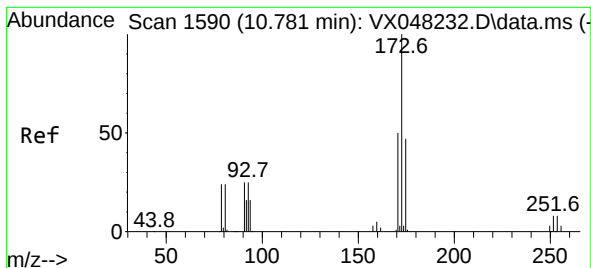
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 18.838 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion:104 Resp: 93575
Ion Ratio Lower Upper
104 100
78 51.4 42.2 63.4
103 53.3 43.0 64.4





#71

Bromoform

Concen: 16.952 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

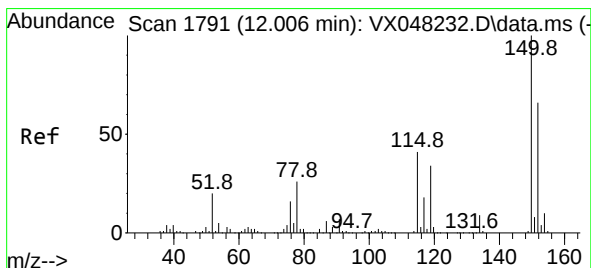
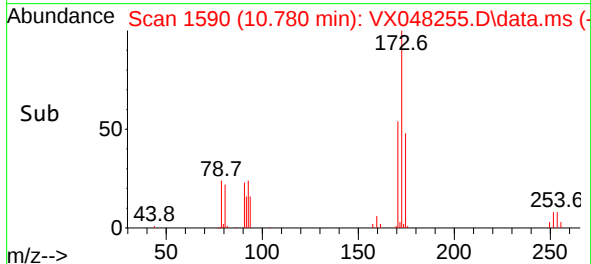
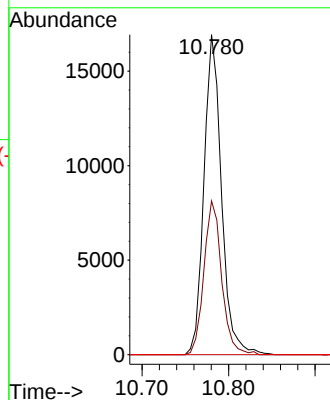
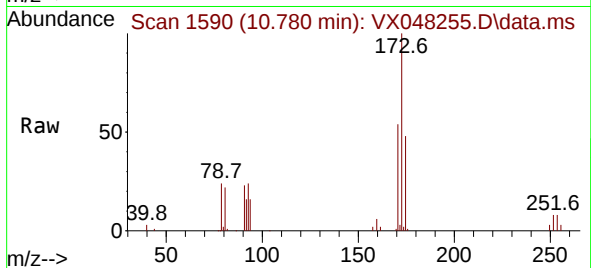
Tgt Ion:173 Resp: 23770
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

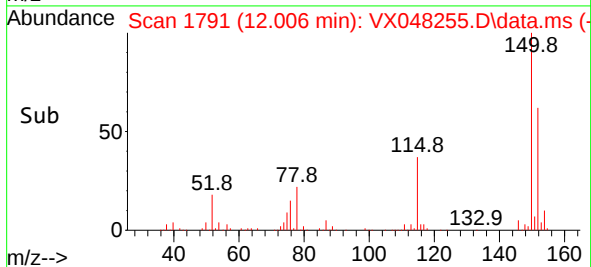
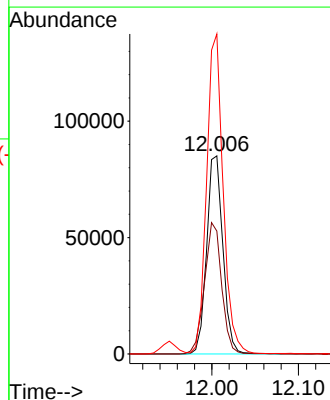
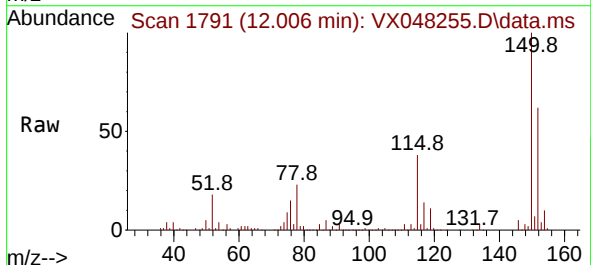
RT: 12.006 min Scan# 1791

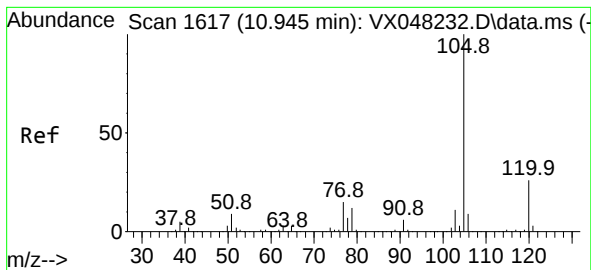
Delta R.T. -0.000 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Tgt Ion:152 Resp: 110789
 Ion Ratio Lower Upper
 152 100
 115 70.2 43.1 129.4
 150 163.8 0.0 353.0





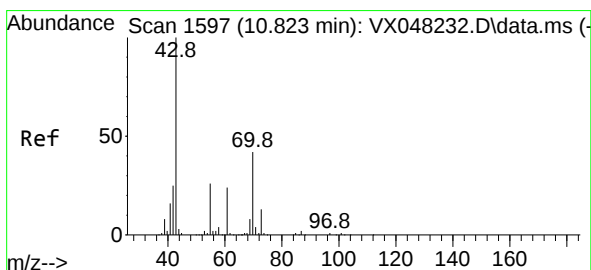
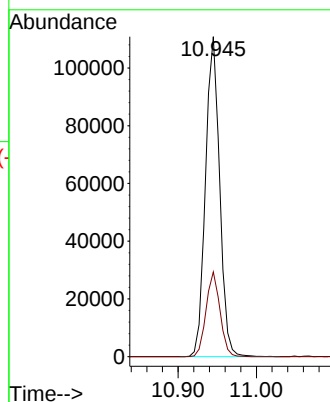
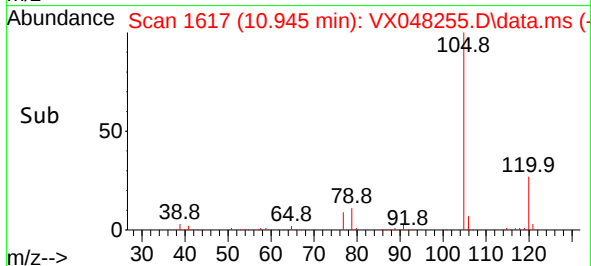
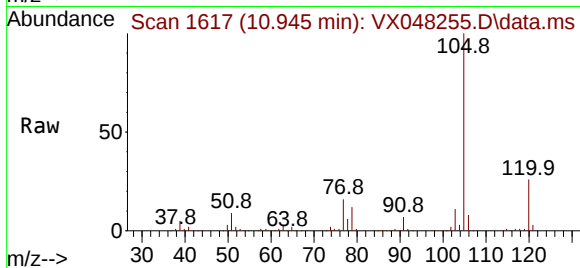
#73
Isopropylbenzene
Concen: 17.144 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:105 Resp: 138728
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

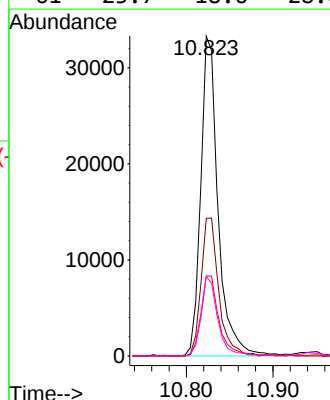
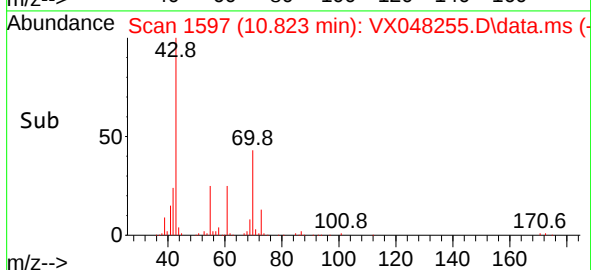
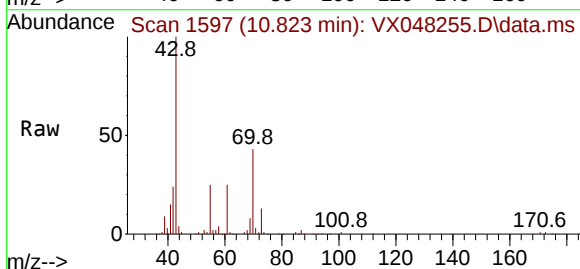
Manual Integrations
APPROVED

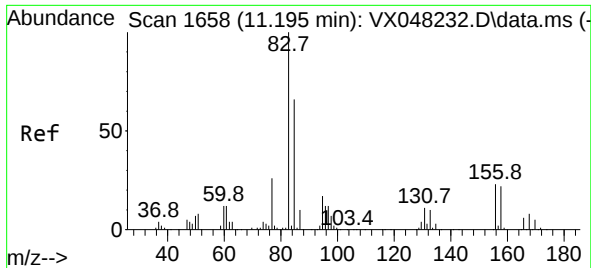
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 16.144 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

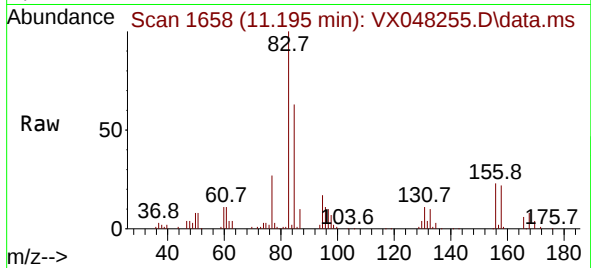
Tgt Ion: 43 Resp: 46339
Ion Ratio Lower Upper
43 100
70 43.9 32.2 48.2
55 26.2 19.1 28.7
61 23.7 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.251 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

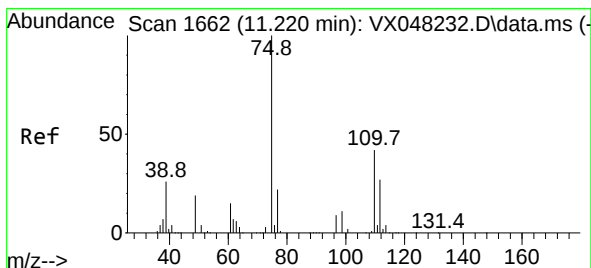
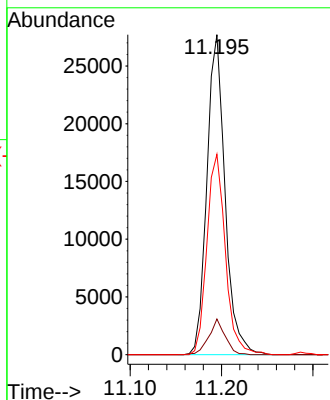
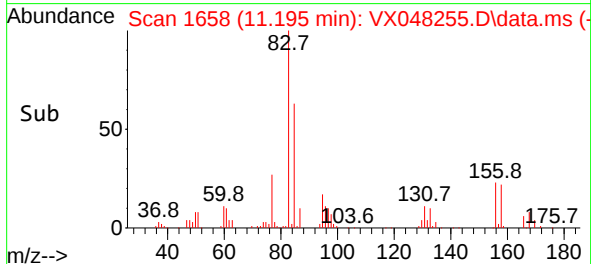
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion: 83 Resp: 3812
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 63.9 31.9 95.7

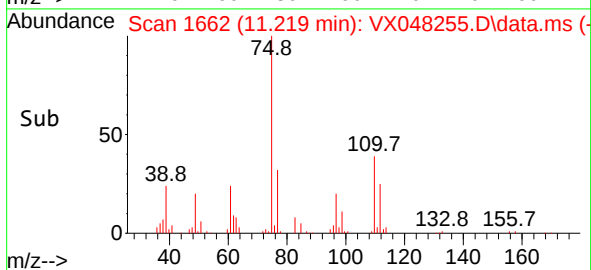
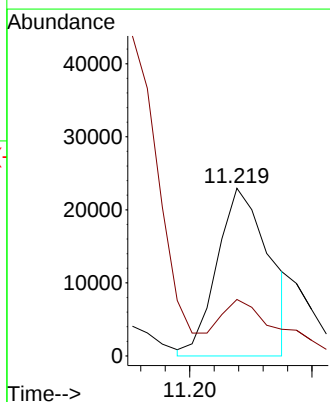
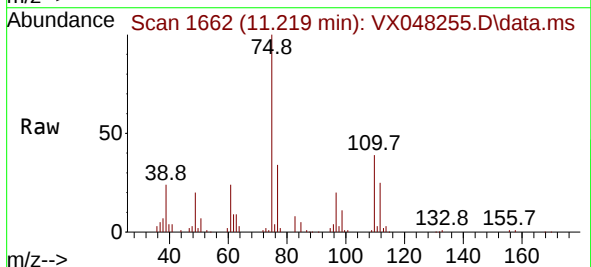
Manual Integrations
APPROVED

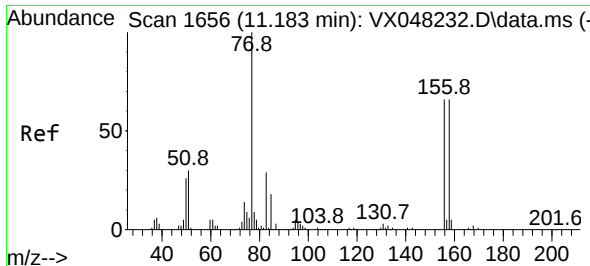
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#76
1,2,3-Trichloropropane
Concen: 18.905 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

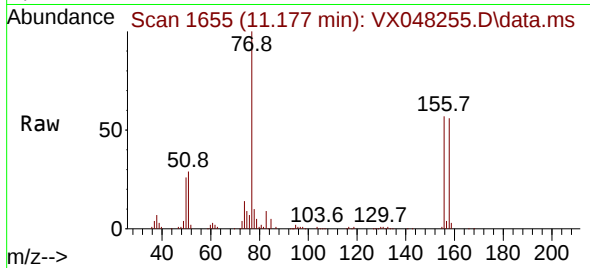
Tgt Ion: 75 Resp: 33965
Ion Ratio Lower Upper
75 100
77 37.7 22.4 67.2





#77
Bromobenzene
Concen: 17.087 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

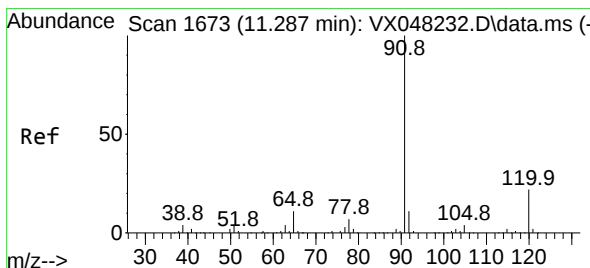
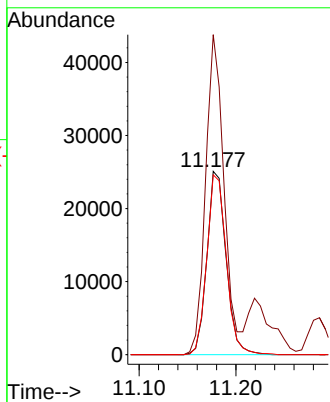
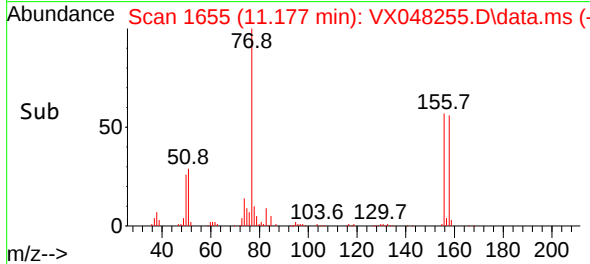
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



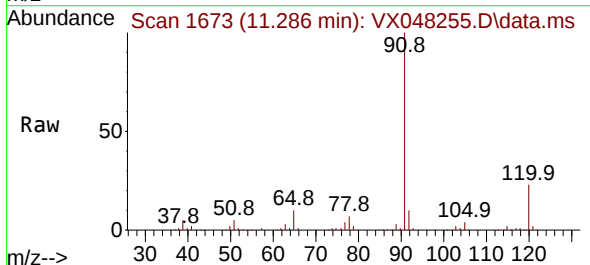
Tgt Ion:156 Resp: 34669
Ion Ratio Lower Upper
156 100
77 164.6 87.0 261.0
158 99.9 47.8 143.4

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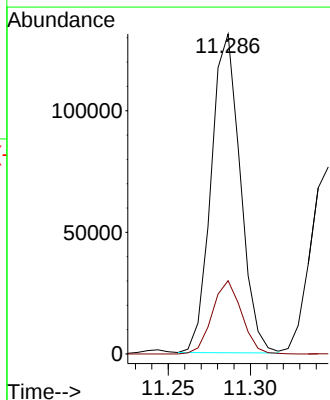
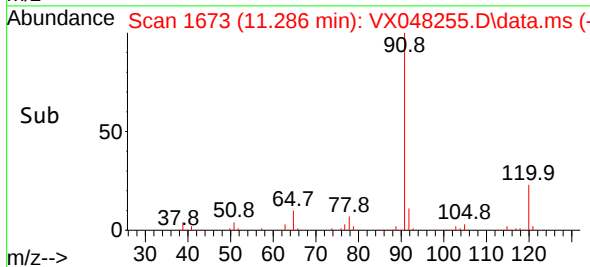
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

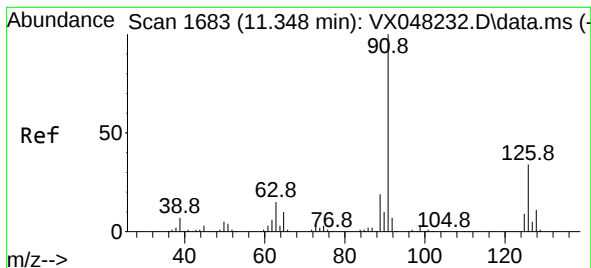


#78
n-propylbenzene
Concen: 17.266 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06



Tgt Ion: 91 Resp: 161765
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.1





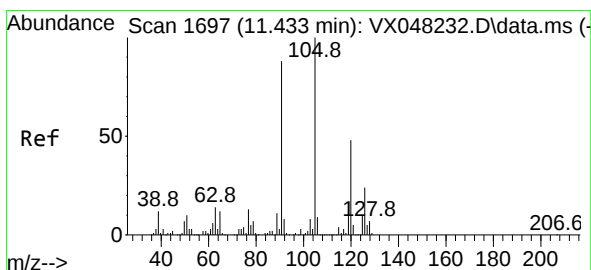
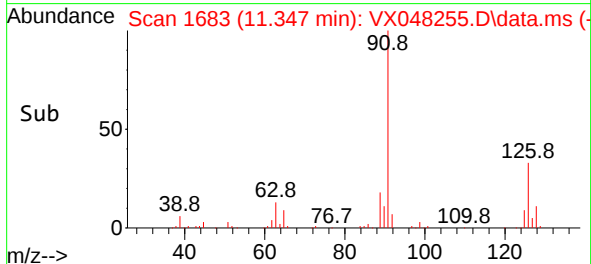
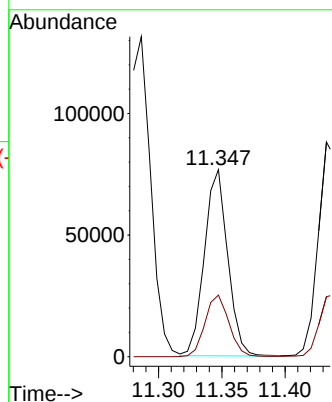
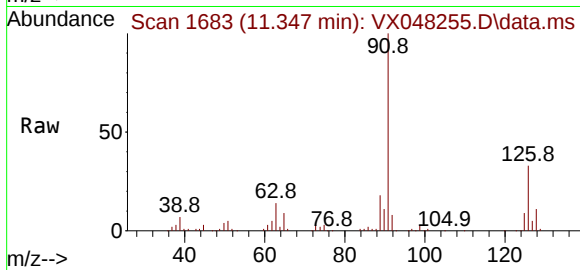
#79
2-Chlorotoluene
Concen: 17.293 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion: 91 Resp: 98234
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.4

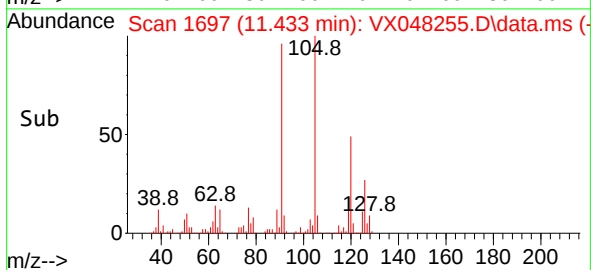
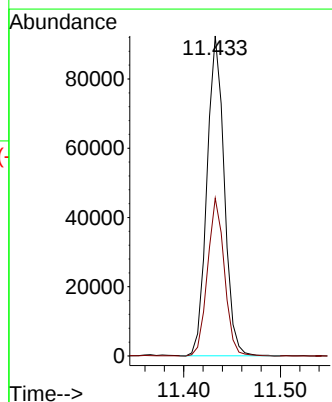
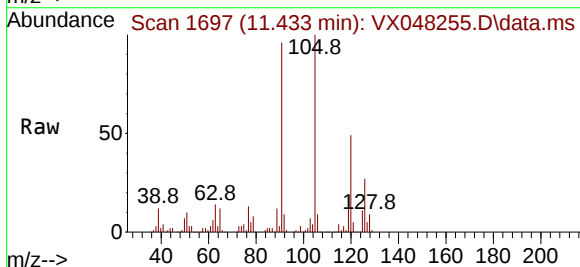
Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.137 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

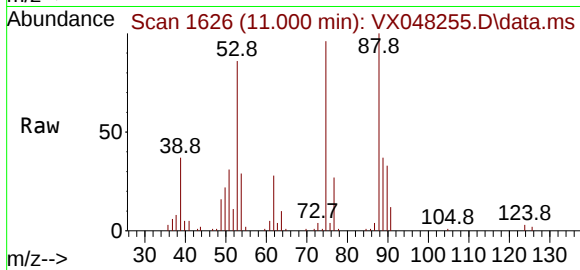
Tgt Ion:105 Resp: 114762
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.530 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

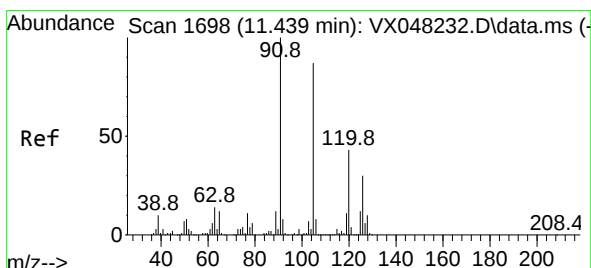
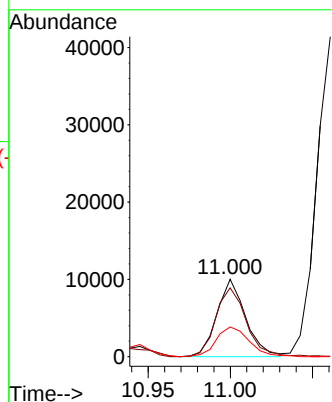
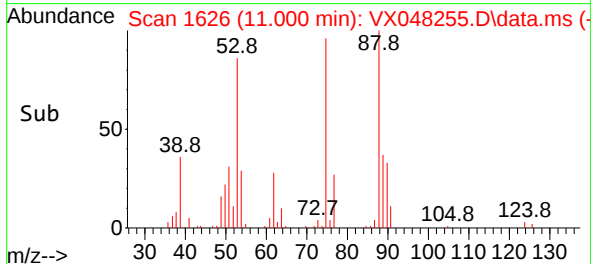
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



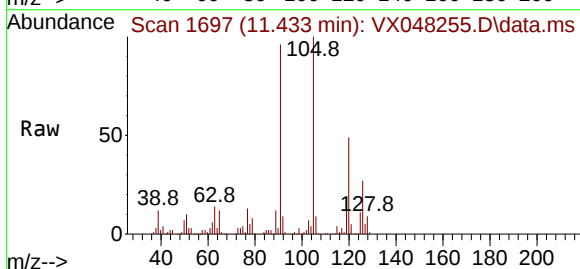
Tgt Ion: 75 Resp: 1220
Ion Ratio Lower Upper
75 100
53 95.6 79.5 119.3
89 43.7 36.8 55.2

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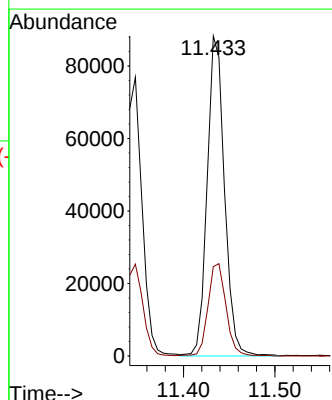
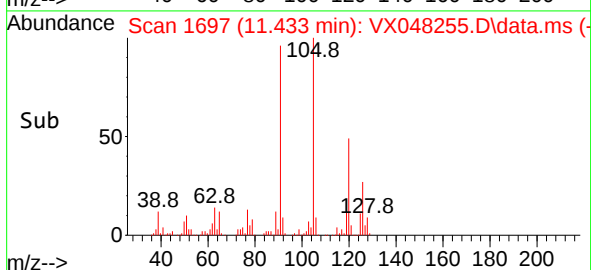
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

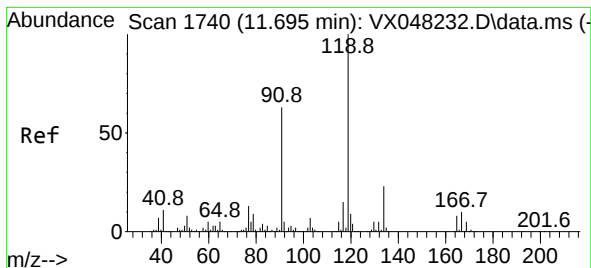


#82
4-Chlorotoluene
Concen: 17.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06



Tgt Ion: 91 Resp: 115993
Ion Ratio Lower Upper
91 100
126 30.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 17.108 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion:119 Resp: 117710

Ion Ratio Lower Upper

119 100

91 56.3 30.3 91.0

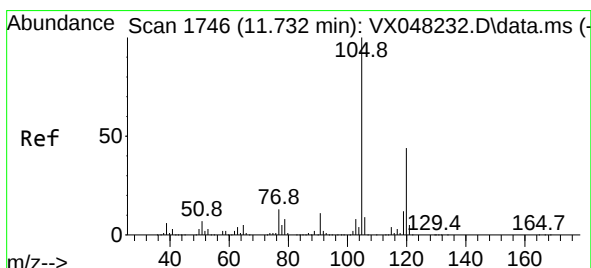
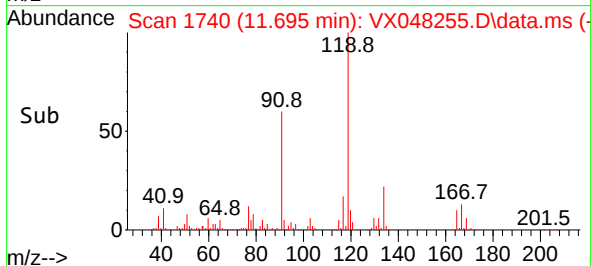
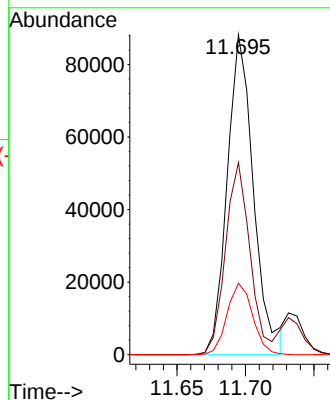
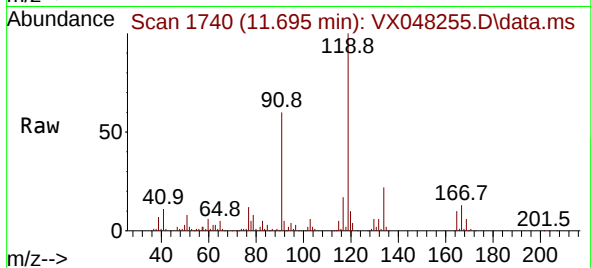
134 21.8 11.4 34.2

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#84

1,2,4-Trimethylbenzene

Concen: 17.197 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048255.D

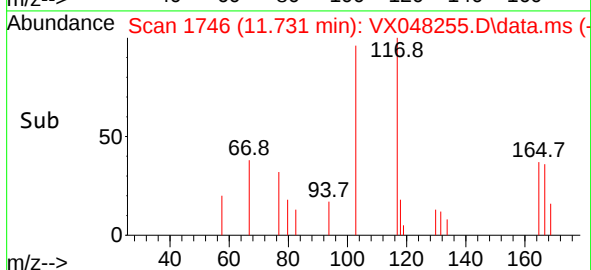
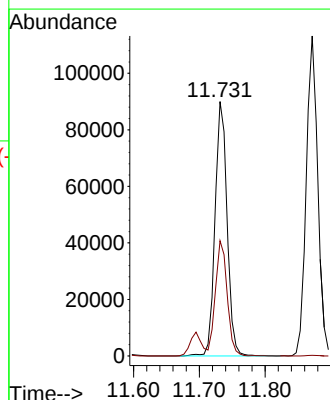
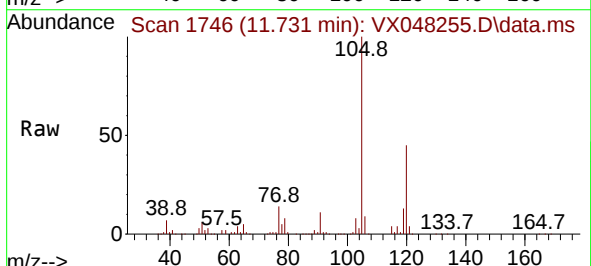
Acq: 21 Oct 2025 10:06

Tgt Ion:105 Resp: 114927

Ion Ratio Lower Upper

105 100

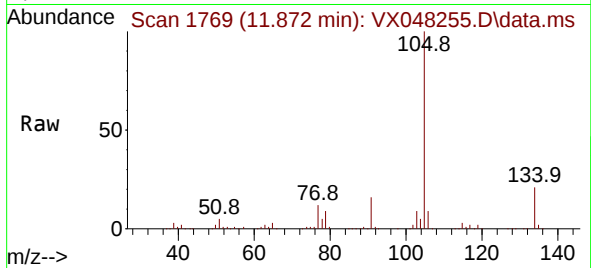
120 44.1 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 16.712 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048255.D
 Acq: 21 Oct 2025 10:06

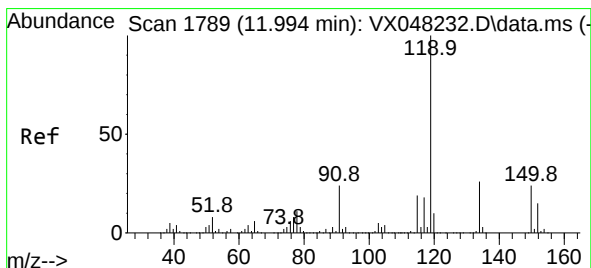
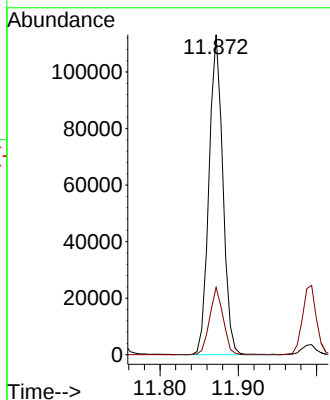
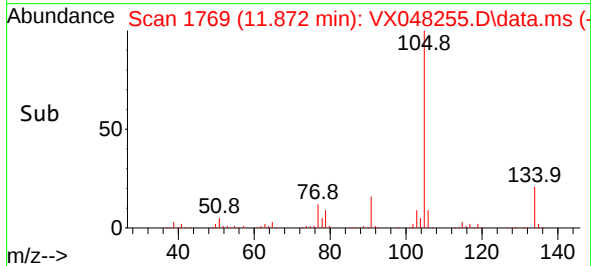
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01



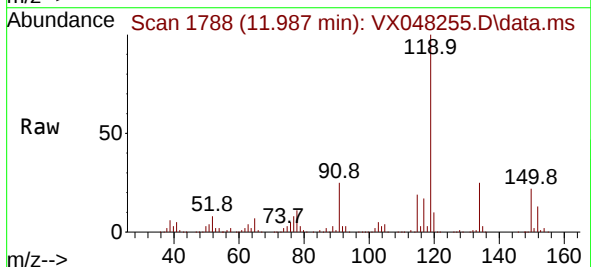
Tgt Ion:105 Resp: 13834
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

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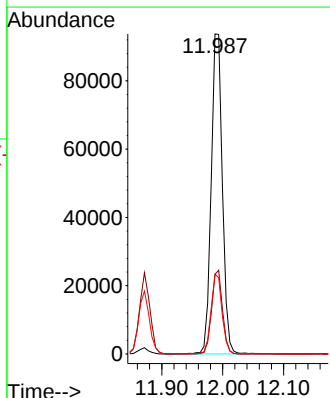
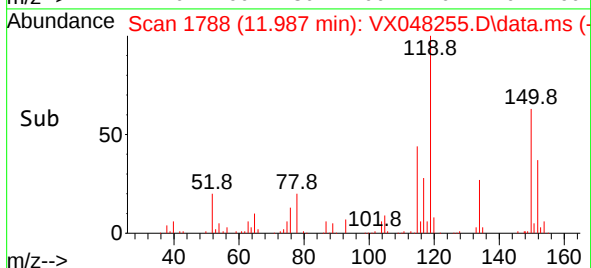
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

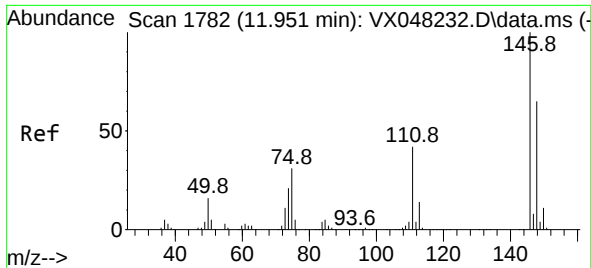


#86
 p-Isopropyltoluene
 Concen: 16.665 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048255.D
 Acq: 21 Oct 2025 10:06



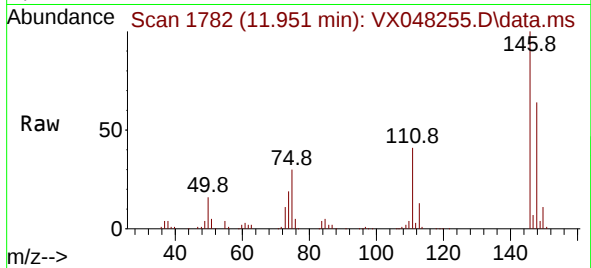
Tgt Ion:119 Resp: 119237
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 24.6 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 17.154 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048255.D
 Acq: 21 Oct 2025 10:06

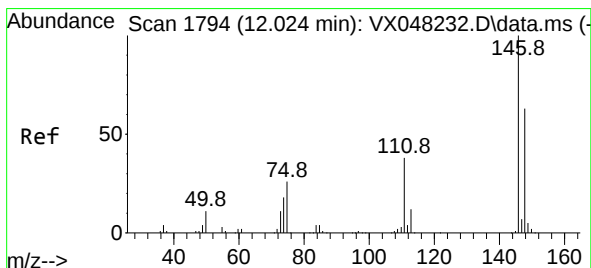
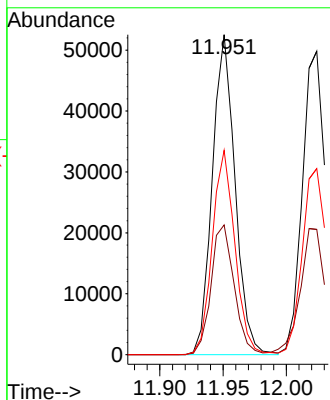
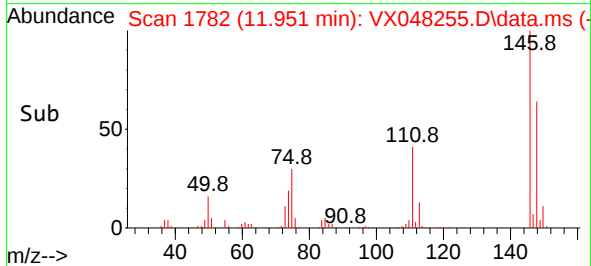
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBS01



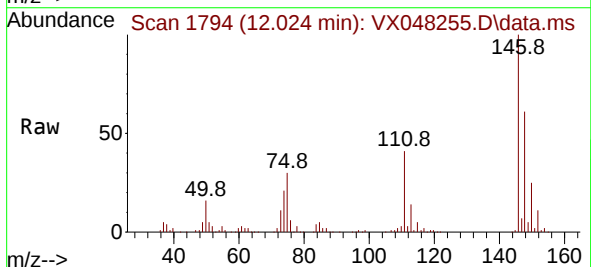
Tgt Ion:146 Resp: 6561
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 63.6 31.9 95.9

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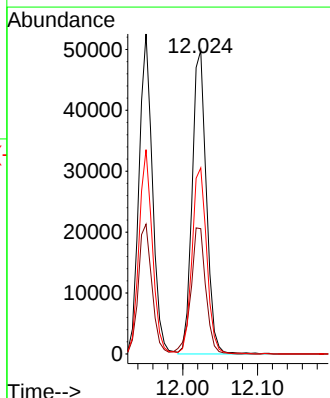
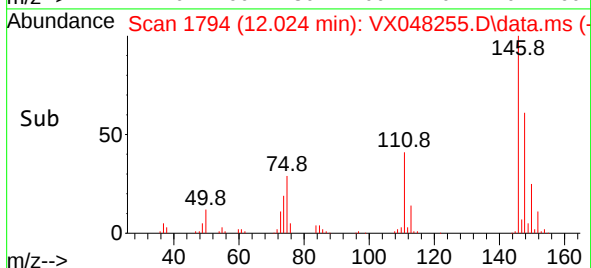
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

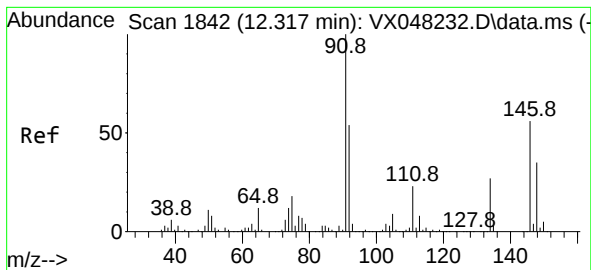


#88
 1,4-Dichlorobenzene
 Concen: 16.604 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048255.D
 Acq: 21 Oct 2025 10:06



Tgt Ion:146 Resp: 65796
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.1 60.2
 148 63.3 31.8 95.3





#89

n-Butylbenzene

Concen: 15.875 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048255.D

Acq: 21 Oct 2025 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBS01

Tgt Ion: 91 Resp: 10338

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.6

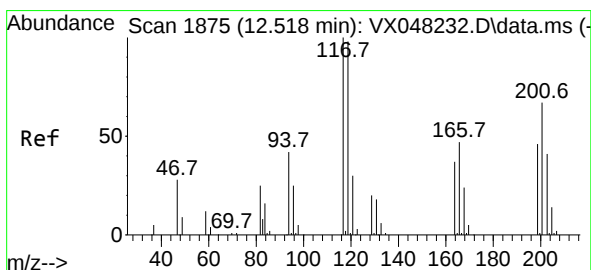
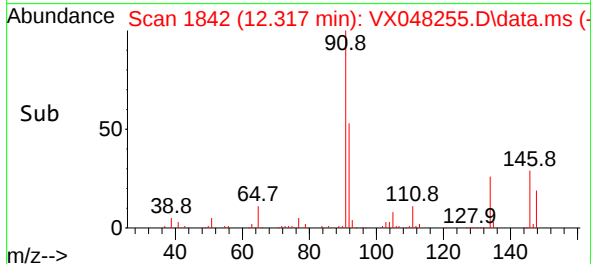
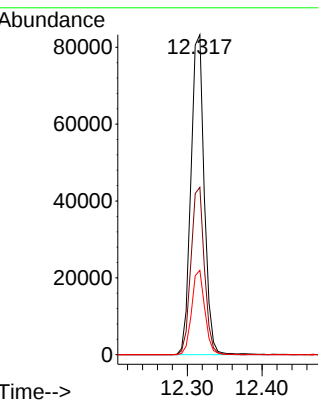
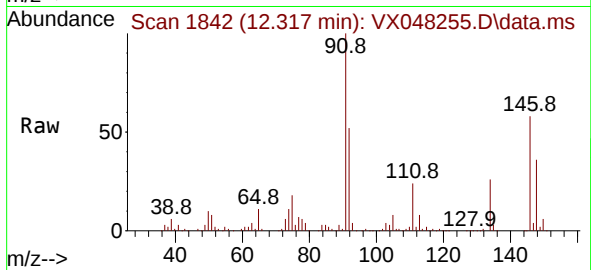
134 26.0 12.7 38.1

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#90

Hexachloroethane

Concen: 15.825 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048255.D

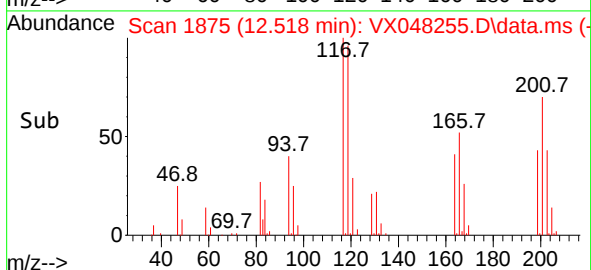
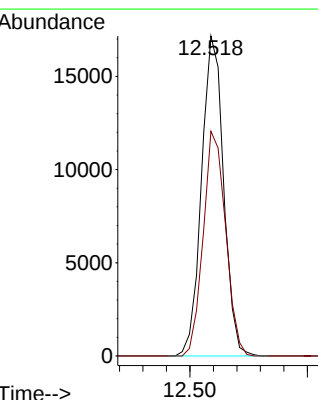
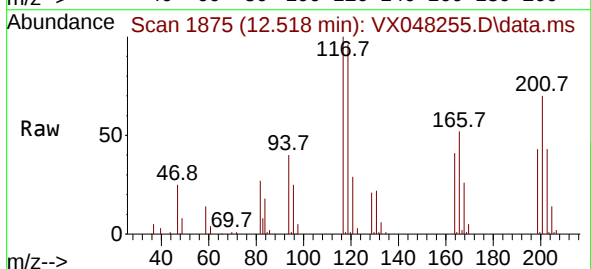
Acq: 21 Oct 2025 10:06

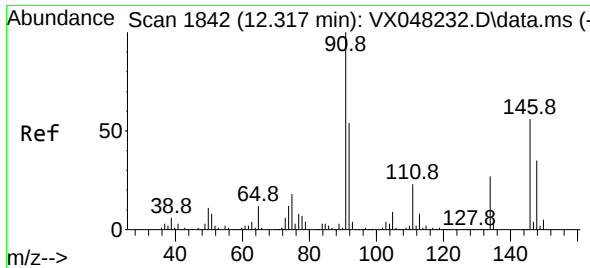
Tgt Ion:117 Resp: 22360

Ion Ratio Lower Upper

117 100

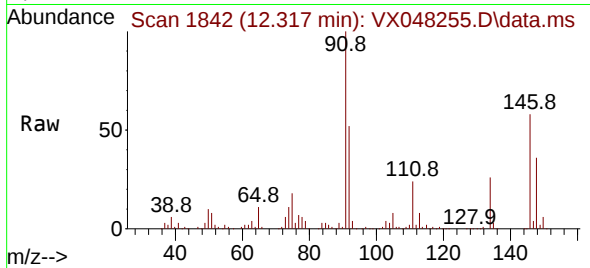
201 71.4 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 17.219 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

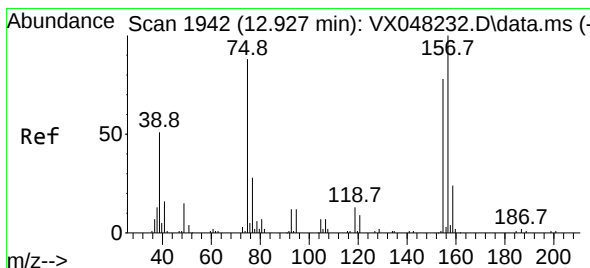
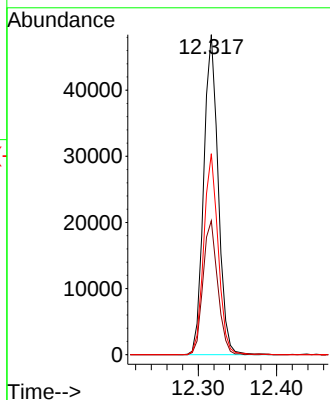
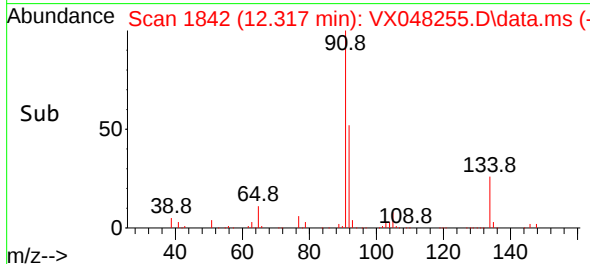
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



Tgt Ion:146 Resp: 61839
Ion Ratio Lower Upper
146 100
111 42.4 21.9 65.5
148 62.5 31.9 95.5

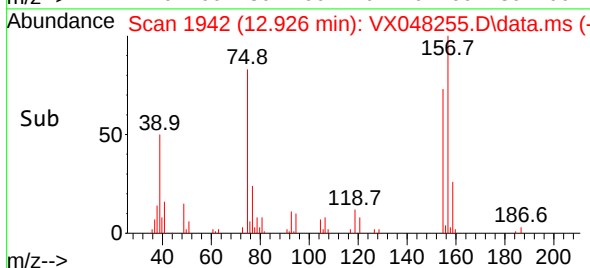
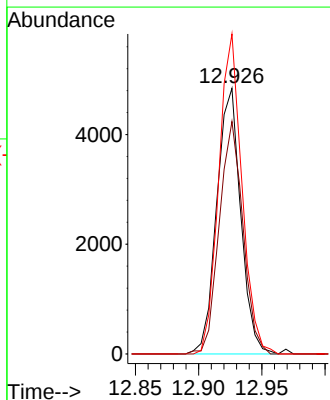
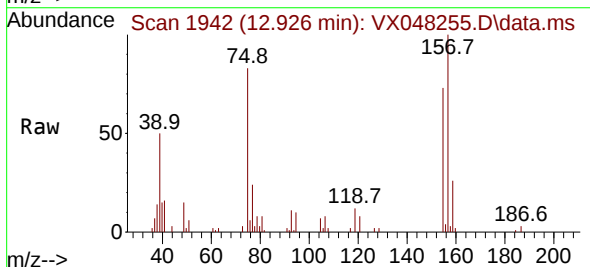
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.205 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Tgt Ion: 75 Resp: 6372
Ion Ratio Lower Upper
75 100
155 86.2 42.8 128.4
157 116.0 54.2 162.6





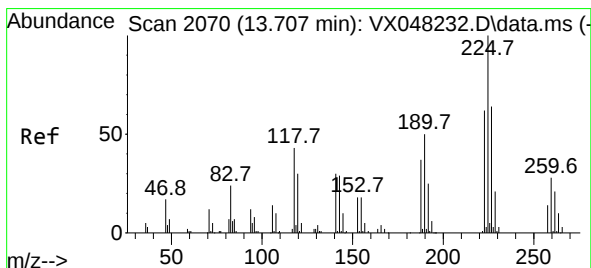
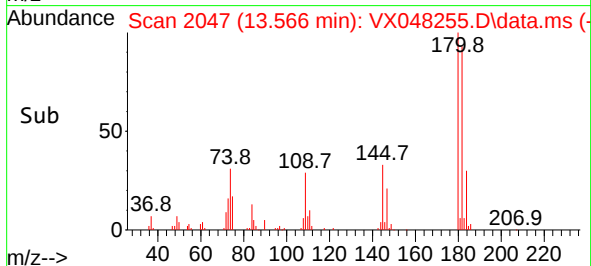
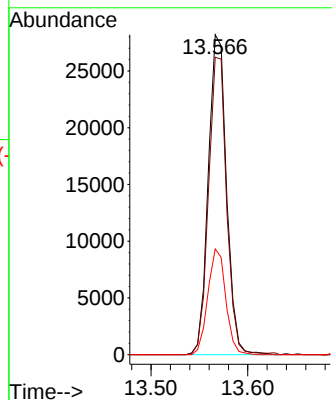
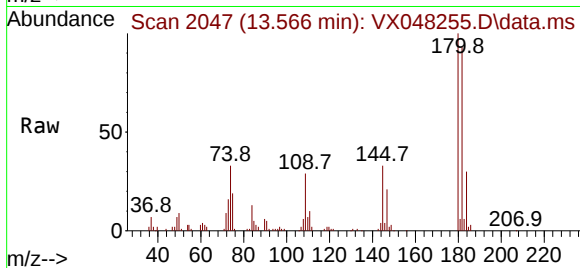
#93
1,2,4-Trichlorobenzene
Concen: 15.216 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01

Tgt Ion:180 Resp: 3695
Ion Ratio Lower Upper
180 100
182 92.6 47.3 142.0
145 32.5 16.3 48.9

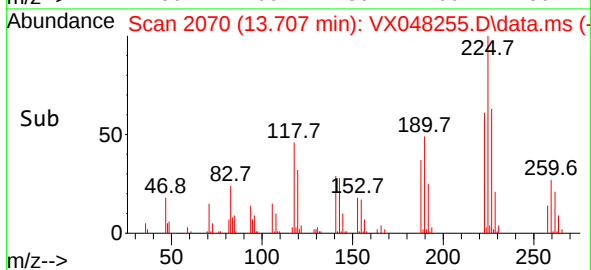
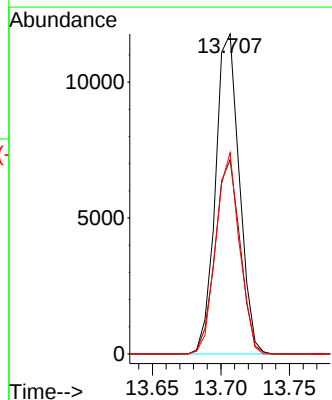
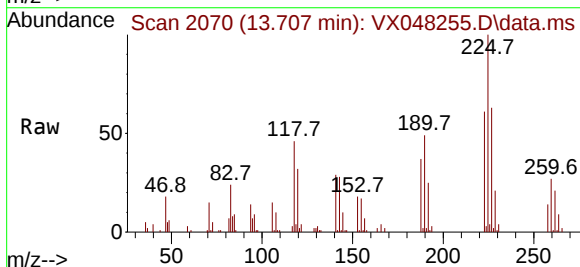
Manual Integrations
APPROVED

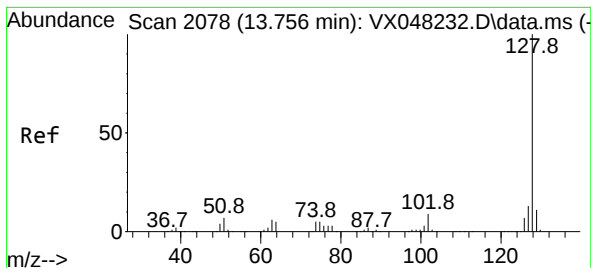
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#94
Hexachlorobutadiene
Concen: 15.707 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

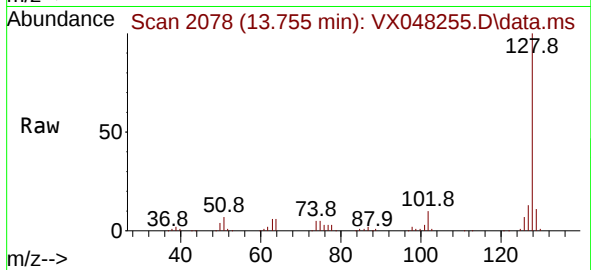
Tgt Ion:225 Resp: 14253
Ion Ratio Lower Upper
225 100
223 63.3 32.6 97.7
227 62.2 32.5 97.4





#95
Naphthalene
Concen: 15.345 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06

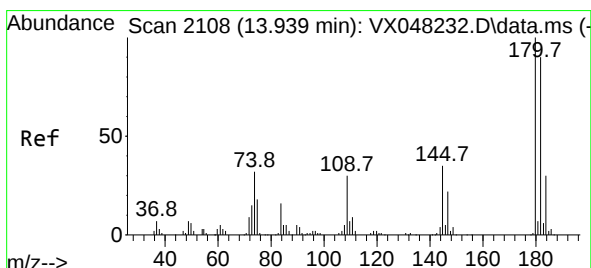
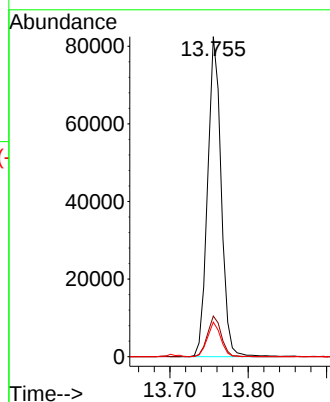
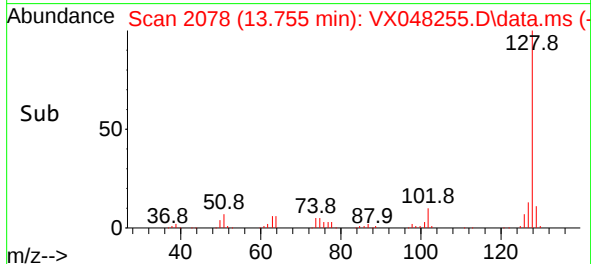
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBS01



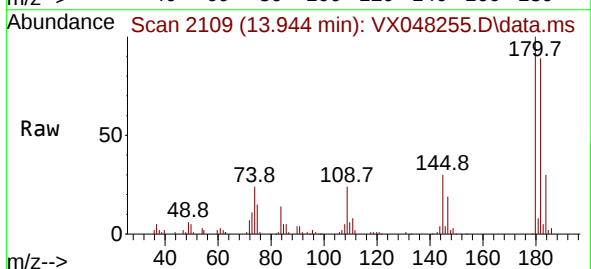
Tgt Ion:128 Resp: 98730
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.454 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048255.D
Acq: 21 Oct 2025 10:06



Tgt Ion:180 Resp: 34440
Ion Ratio Lower Upper
180 100
182 96.2 46.6 139.7
145 34.4 16.9 50.7

