

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048164.D
 Acq On : 14 Oct 2025 14:31
 Operator : JC/MD
 Sample : VX1014MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2025
 Supervised By : Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:45:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	126511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	219762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92316	45.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.373	113	73154	49.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	8.635	98	244866	48.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.061	95	95977	49.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	27908	21.303	ug/l	99
3) Chloromethane	1.301	50	31885	18.519	ug/l	100
4) Vinyl Chloride	1.380	62	34769	20.629	ug/l	99
5) Bromomethane	1.618	94	24527	22.949	ug/l	98
6) Chloroethane	1.697	64	21920	19.459	ug/l	95
7) Trichlorofluoromethane	1.898	101	53806	21.501	ug/l	100
8) Diethyl Ether	2.136	74	18866	18.429	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	31384	21.448	ug/l	98
10) Methyl Iodide	2.459	142	34385	15.067	ug/l	97
11) Tert butyl alcohol	2.941	59	19972	89.051	ug/l #	94
12) 1,1-Dichloroethene	2.325	96	30118	20.037	ug/l	89
13) Acrolein	2.239	56	19883	96.204	ug/l	98
14) Allyl chloride	2.666	41	55043	17.746	ug/l	98
15) Acrylonitrile	3.062	53	76688	92.313	ug/l	99
16) Acetone	2.374	43	64510	73.677	ug/l	99
17) Carbon Disulfide	2.520	76	90131	21.904	ug/l	98
18) Methyl Acetate	2.703	43	32229	16.540	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	97346	17.741	ug/l	98
20) Methylene Chloride	2.788	84	35355	19.076	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	32065	19.815	ug/l	94
22) Diisopropyl ether	3.751	45	115036	19.137	ug/l #	83
23) Vinyl Acetate	3.715	43	429172	89.207	ug/l	99
24) 1,1-Dichloroethane	3.611	63	62871	19.678	ug/l	99
25) 2-Butanone	4.544	43	93339	85.462	ug/l	97
26) 2,2-Dichloropropane	4.471	77	49023	18.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	38031	19.190	ug/l	98
28) Bromochloromethane	4.891	49	28786	20.638	ug/l	98
29) Tetrahydrofuran	4.995	42	58301	88.735	ug/l	99
30) Chloroform	5.080	83	65690	20.346	ug/l	99
31) Cyclohexane	5.464	56	53684	20.174	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	56411	20.599	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42560	19.762	ug/l	98
37) Ethyl Acetate	4.708	43	40095	17.388	ug/l	96
38) Carbon Tetrachloride	5.672	117	50436	21.554	ug/l	98
39) Methylcyclohexane	7.367	83	49932	20.425	ug/l	98
40) Benzene	6.031	78	131458	20.097	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21489	18.051	ug/l	98
42) 1,2-Dichloroethane	6.074	62	49904	20.051	ug/l	99
43) Isopropyl Acetate	6.330	43	67455	17.836	ug/l	99
44) Trichloroethene	7.117	130	32622	20.628	ug/l	92
45) 1,2-Dichloropropane	7.415	63	34053	20.331	ug/l	97
46) Dibromomethane	7.568	93	25057	20.558	ug/l	95
47) Bromodichloromethane	7.812	83	50450	20.058	ug/l	99
48) Methyl methacrylate	7.684	41	31065	16.491	ug/l	97
49) 1,4-Dioxane	7.653	88	7740	406.562	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	196290	93.613	ug/l	100
52) Toluene	8.702	92	83633	20.753	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	49230	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	55331	20.178	ug/l	99
55) 1,1,2-Trichloroethane	9.141	97	32434	20.872	ug/l	95
56) Ethyl methacrylate	9.104	69	44586	18.270	ug/l	98
57) 1,3-Dichloropropane	9.293	76	56011	20.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	98240	91.527	ug/l	99
59) 2-Hexanone	9.415	43	137472	91.286	ug/l	98
60) Dibromochloromethane	9.506	129	39107	21.842	ug/l	98
61) 1,2-Dibromoethane	9.592	107	33037	20.873	ug/l	100
64) Tetrachloroethene	9.256	164	29539	22.264	ug/l	97
65) Chlorobenzene	10.061	112	91997	19.897	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	32320	20.257	ug/l	99
67) Ethyl Benzene	10.177	91	153079	19.188	ug/l	99
68) m/p-Xylenes	10.287	106	118811	40.012	ug/l	100
69) o-Xylene	10.628	106	56123	19.541	ug/l	98
70) Styrene	10.640	104	97163	19.307	ug/l	98
71) Bromoform	10.781	173	25312	21.247	ug/l #	98
73) Isopropylbenzene	10.945	105	146182	18.198	ug/l	100
74) N-amyl acetate	10.829	43	57919	15.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	43407	17.861	ug/l	98
76) 1,2,3-Trichloropropane	11.226	75	41619m	19.455	ug/l	
77) Bromobenzene	11.183	156	35809	18.100	ug/l	98
78) n-propylbenzene	11.287	91	175875	18.521	ug/l	100
79) 2-Chlorotoluene	11.348	91	104969	18.048	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	121183	18.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	12751	15.200	ug/l	97
82) 4-Chlorotoluene	11.439	91	125056	18.206	ug/l	99
83) tert-Butylbenzene	11.695	119	119442	17.680	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	122592	18.322	ug/l	99
85) sec-Butylbenzene	11.872	105	148893	18.554	ug/l	99
86) p-Isopropyltoluene	11.994	119	123278	18.146	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	66519	18.102	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	68575	18.182	ug/l	98
89) n-Butylbenzene	12.317	91	114994	18.293	ug/l	98
90) Hexachloroethane	12.518	117	24926	20.898	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	64083	18.304	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	8441	17.155	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	38226	16.800	ug/l	98
94) Hexachlorobutadiene	13.707	225	15227	19.702	ug/l	99
95) Naphthalene	13.756	128	108064	15.597	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	35888	16.956	ug/l	98

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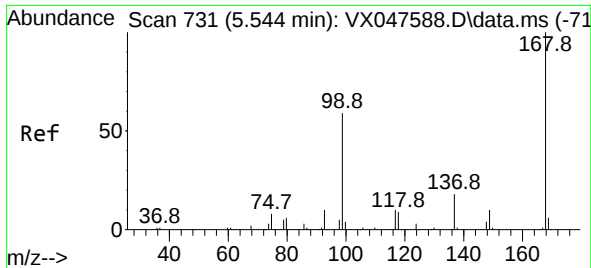
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Response via : Initial Calibration

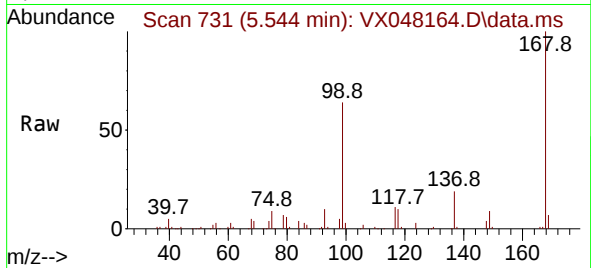
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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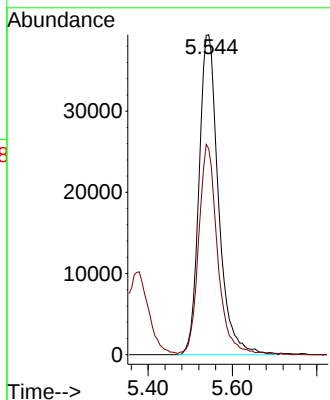
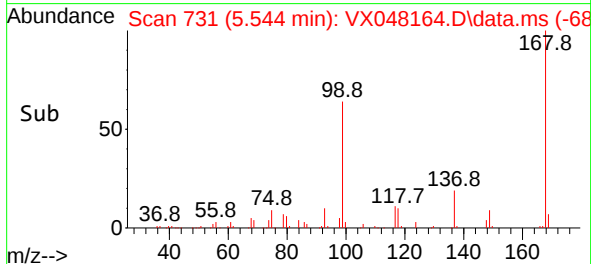
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion:168 Resp: 12651
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2

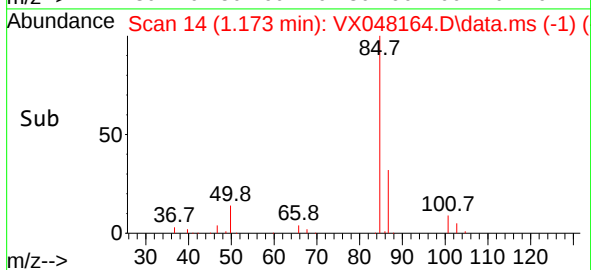
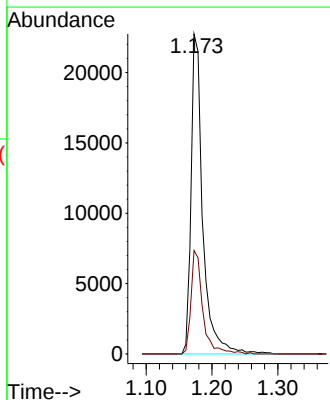
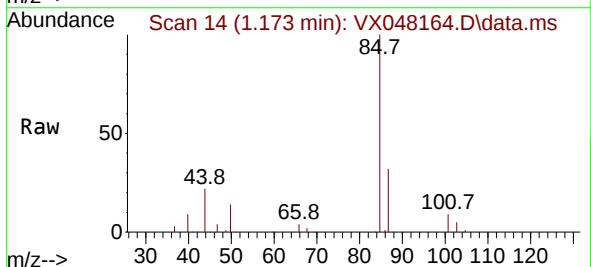
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#2
Dichlorodifluoromethane
Concen: 21.303 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

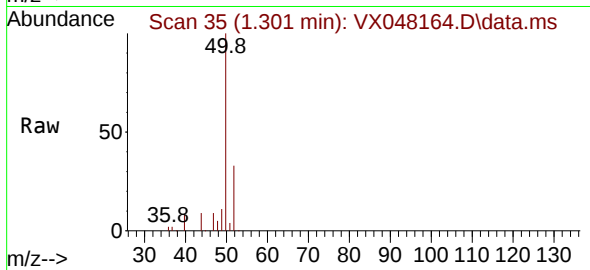
Tgt Ion: 85 Resp: 27908
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





#3
Chloromethane
Concen: 18.519 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

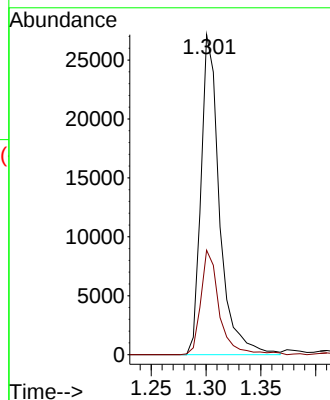
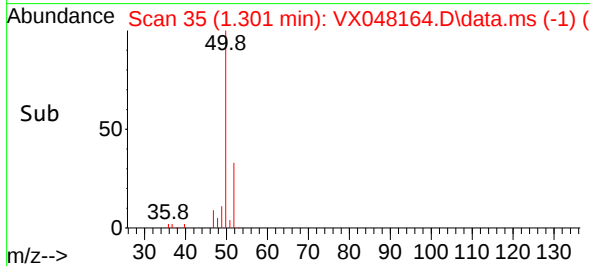
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 50 Resp: 3188
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

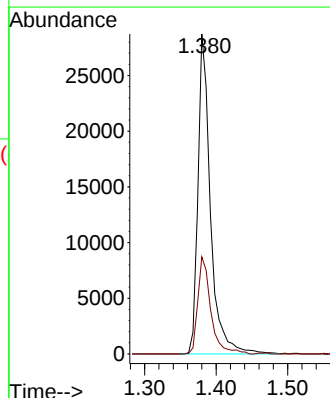
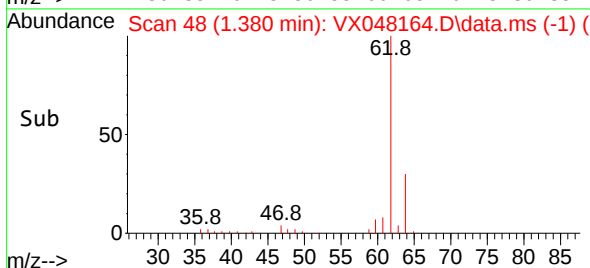
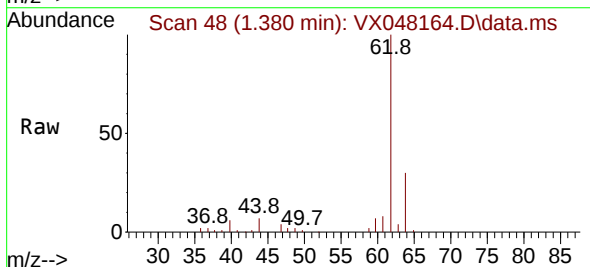
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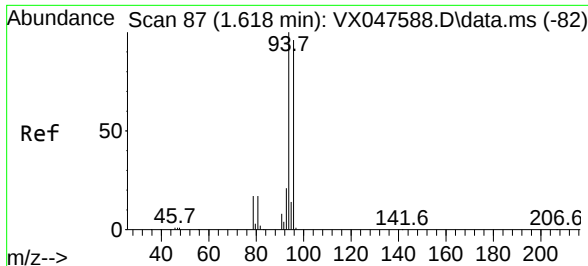
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#4
Vinyl Chloride
Concen: 20.629 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

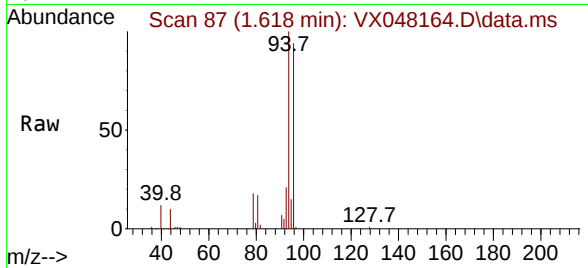
Tgt Ion: 62 Resp: 34769
Ion Ratio Lower Upper
62 100
64 30.3 24.9 37.3





#5
Bromomethane
Concen: 22.949 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

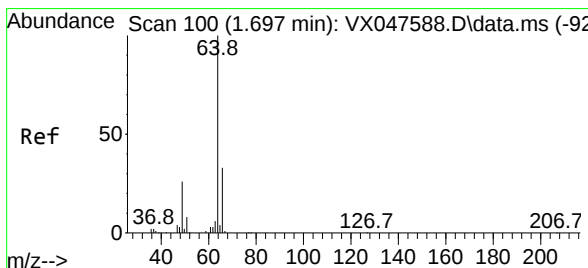
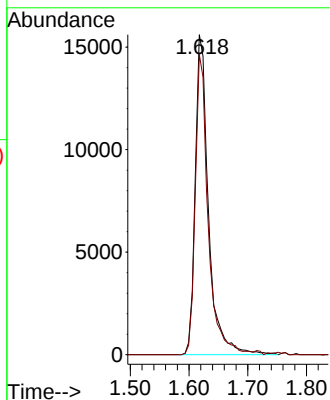
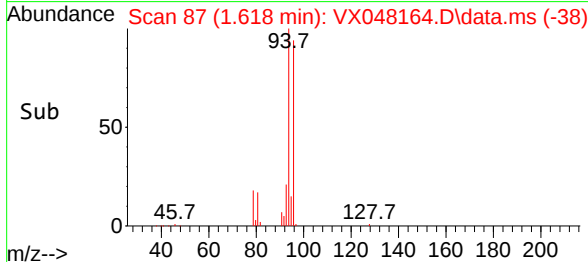
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Tgt Ion: 94 Resp: 2452
Ion Ratio Lower Upper
94 100
96 93.8 76.6 115.0

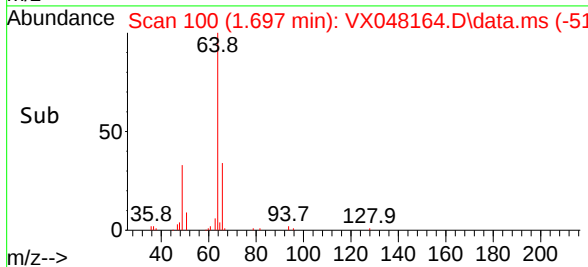
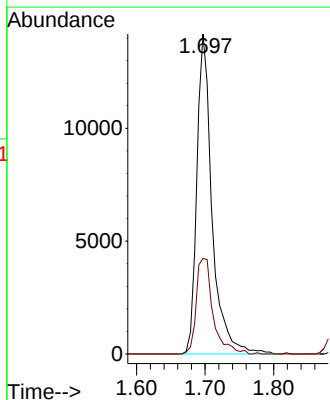
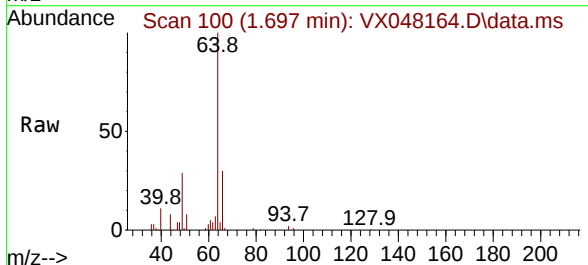
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#6
Chloroethane
Concen: 19.459 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

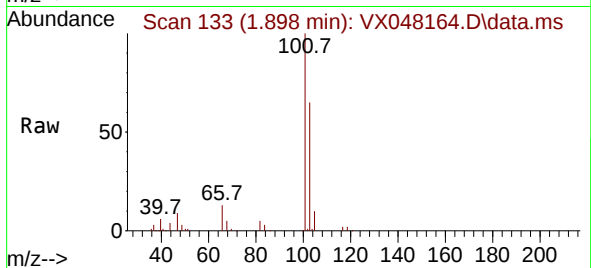
Tgt Ion: 64 Resp: 21920
Ion Ratio Lower Upper
64 100
66 29.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 21.501 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

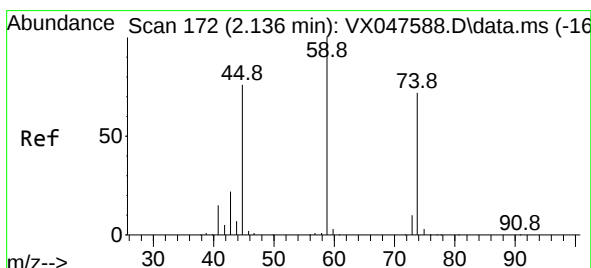
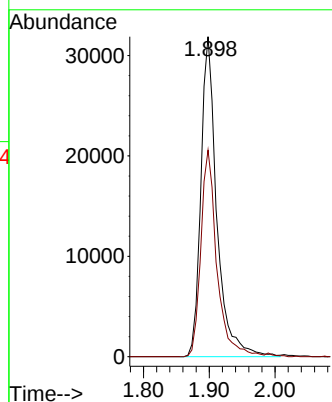
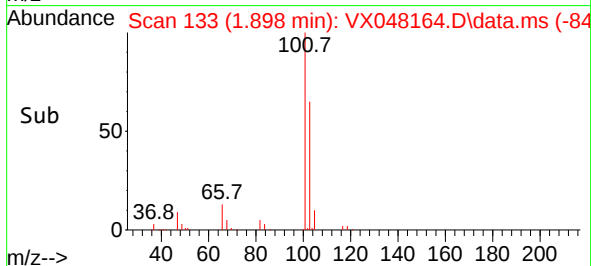
Instrument :
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Tgt Ion:101 Resp: 53800
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

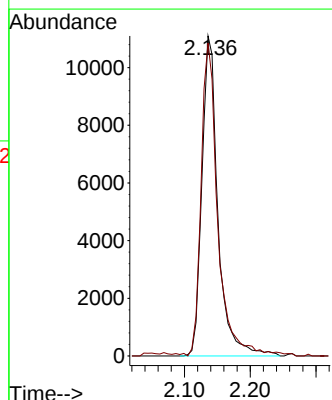
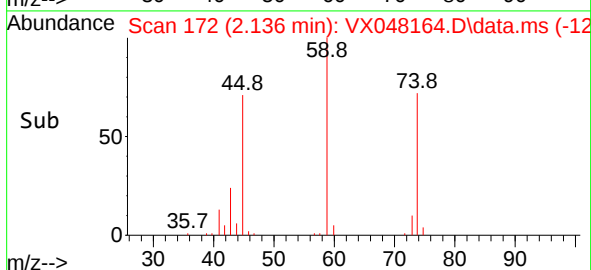
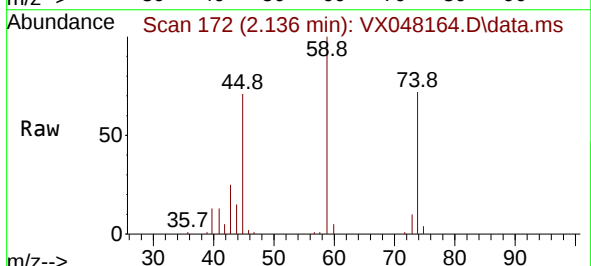
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#8
Diethyl Ether
Concen: 18.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 74 Resp: 18866
Ion Ratio Lower Upper
74 100
45 101.9 52.3 156.8





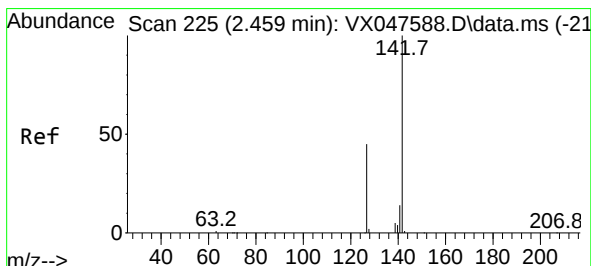
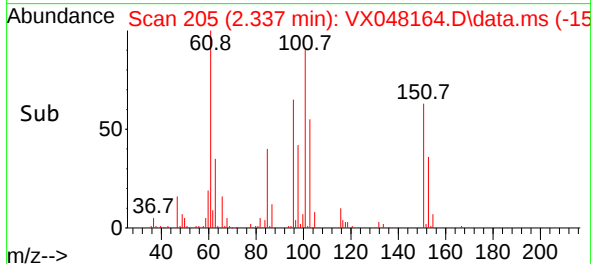
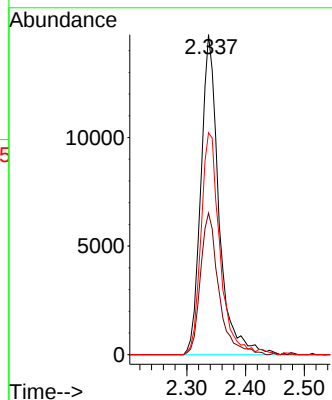
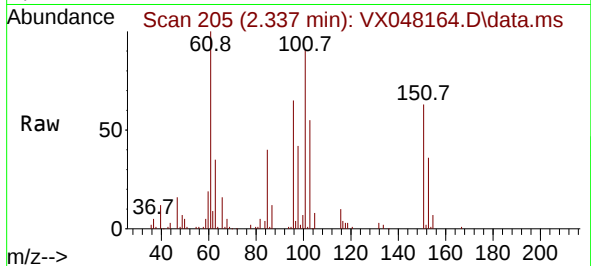
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.448 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048164.D
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Instrument :
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Tgt Ion:101 Resp: 31384
Ion Ratio Lower Upper
101 100
85 45.2 35.5 53.3
151 72.0 59.4 89.0

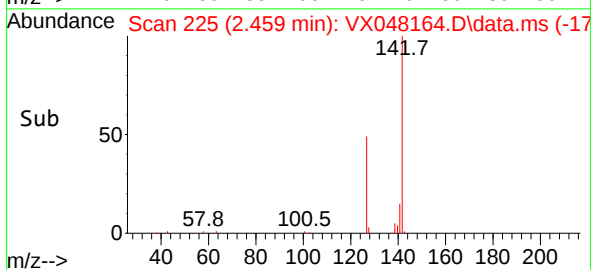
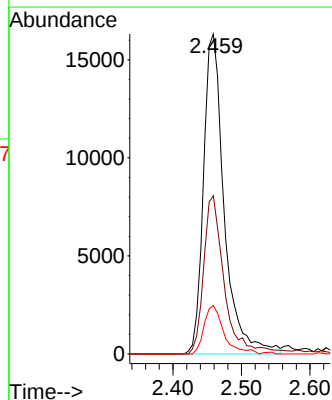
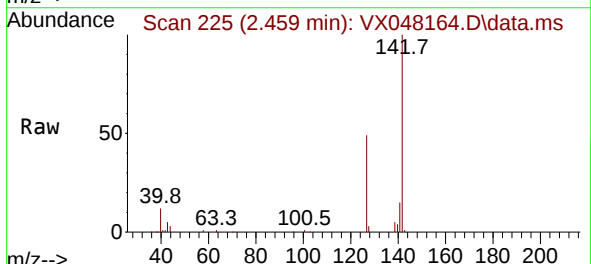
Manual Integrations
APPROVED

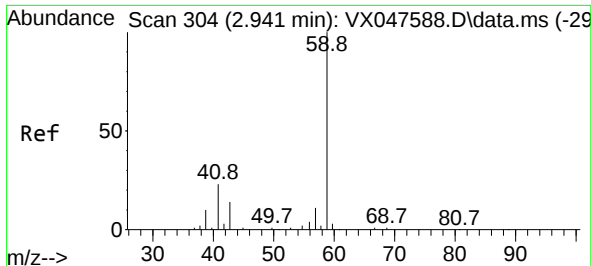
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 15.067 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

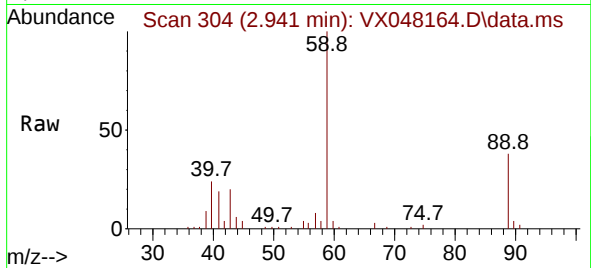
Tgt Ion:142 Resp: 34385
Ion Ratio Lower Upper
142 100
127 49.3 37.2 55.8
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 89.051 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

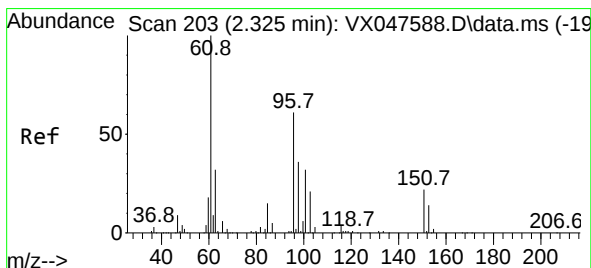
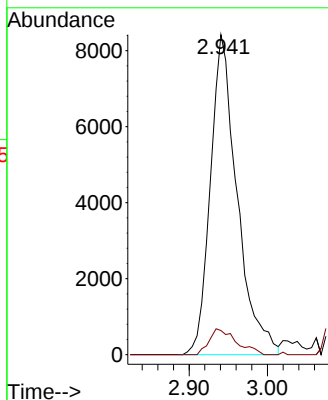
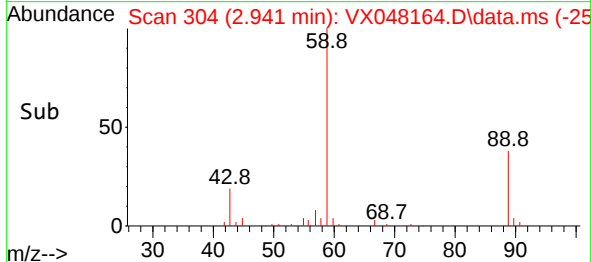
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



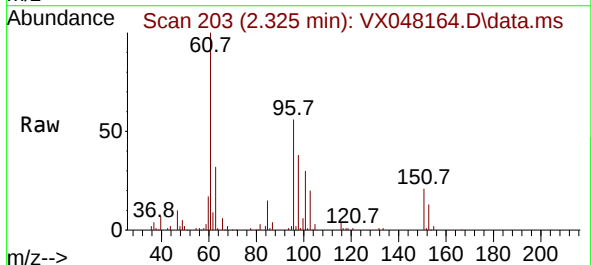
Tgt Ion: 59 Resp: 19972
Ion Ratio Lower Upper
59 100
57 8.2 8.3 12.5

Manual Integrations
APPROVED

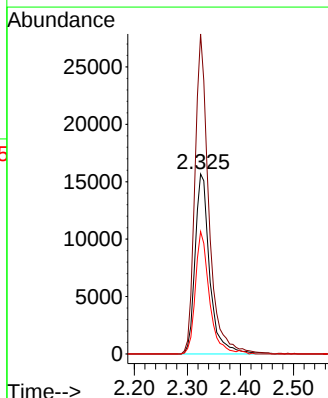
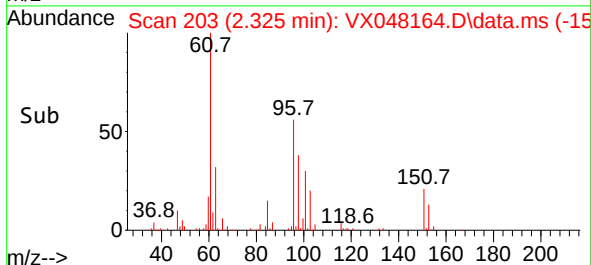
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#12
1,1-Dichloroethene
Concen: 20.037 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



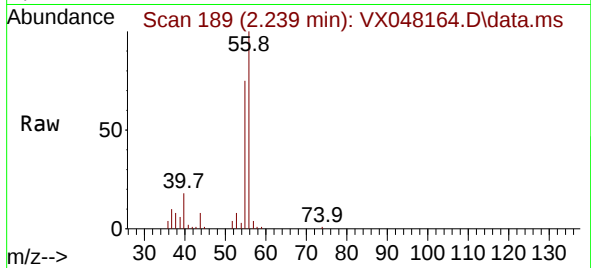
Tgt Ion: 96 Resp: 30118
Ion Ratio Lower Upper
96 100
61 177.8 131.0 196.6
98 70.0 47.7 71.5





#13
Acrolein
Concen: 96.204 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

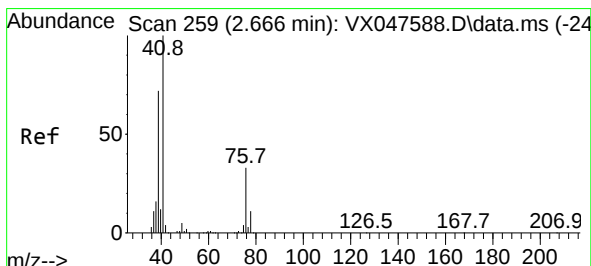
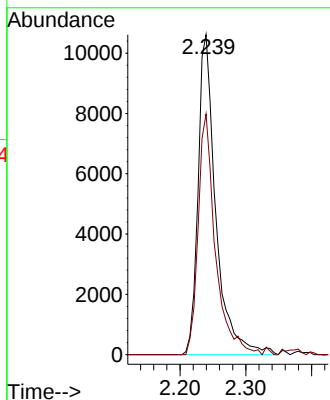
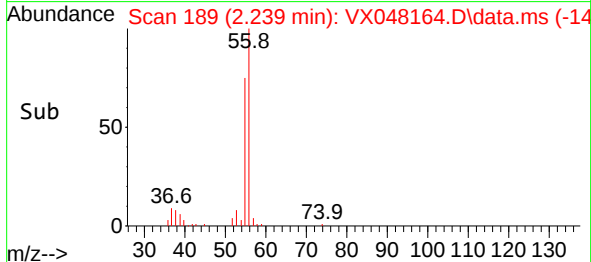
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 56 Resp: 1988
Ion Ratio Lower Upper
56 100
55 72.9 57.2 85.8

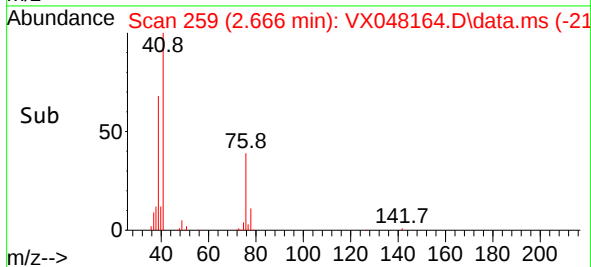
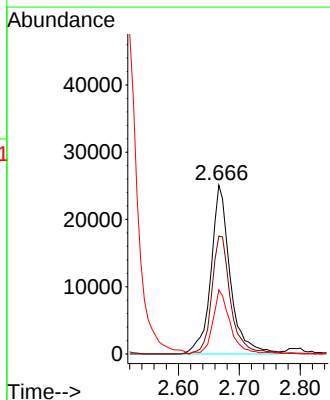
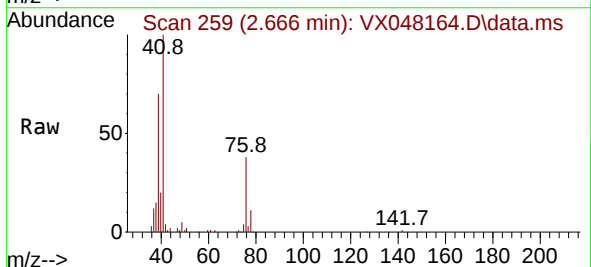
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 17.746 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

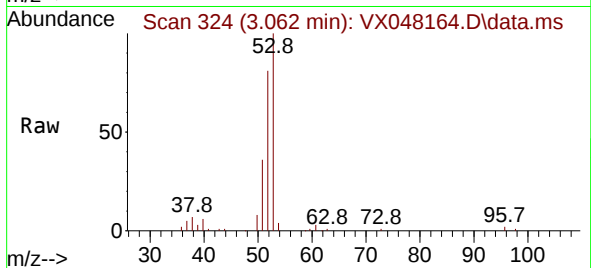
Tgt Ion: 41 Resp: 55043
Ion Ratio Lower Upper
41 100
39 68.7 54.7 82.1
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 92.313 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

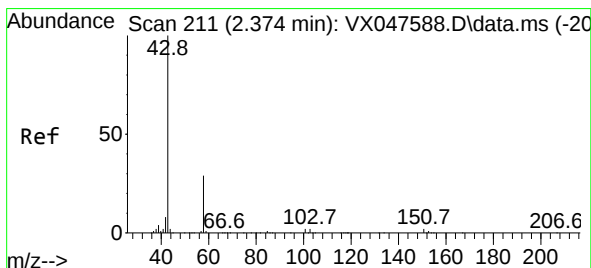
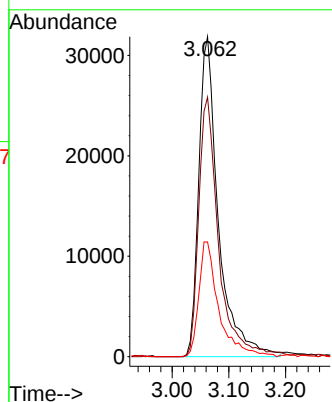
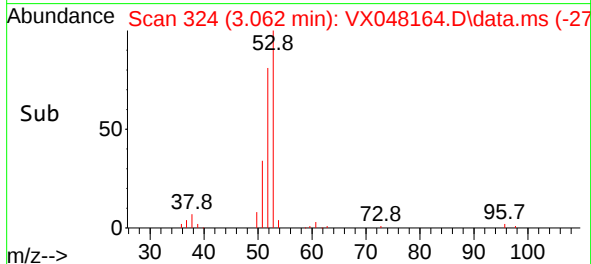
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



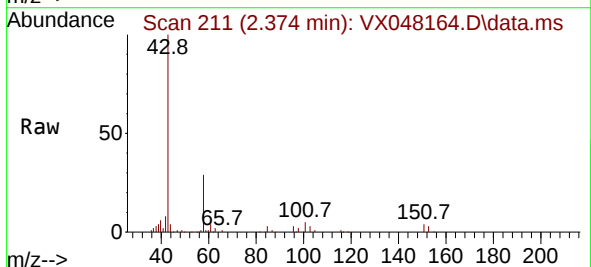
Tgt Ion: 53 Resp: 7668
Ion Ratio Lower Upper
53 100
52 81.9 66.4 99.6
51 36.6 29.5 44.3

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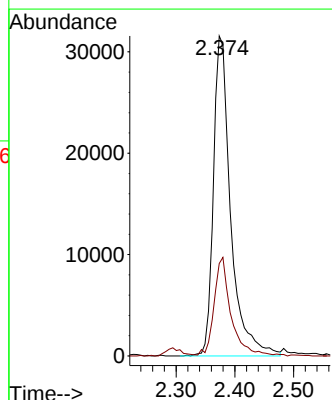
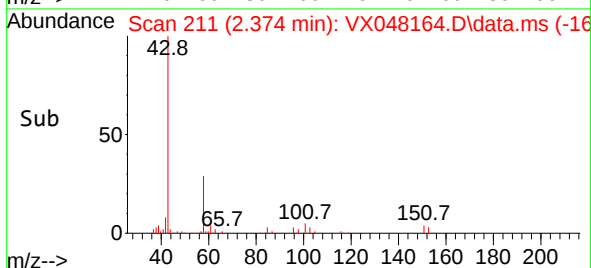
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

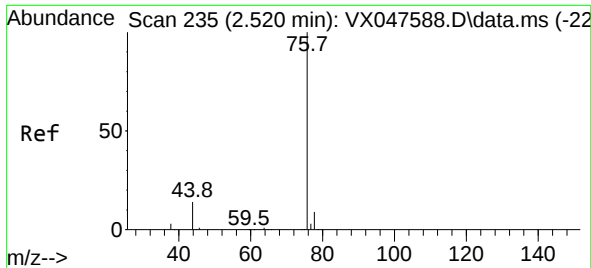


#16
Acetone
Concen: 73.677 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



Tgt Ion: 43 Resp: 64510
Ion Ratio Lower Upper
43 100
58 28.5 23.4 35.0





#17

Carbon Disulfide

Concen: 21.904 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

Tgt Ion: 76 Resp: 9013

Ion Ratio Lower Upper

76 100

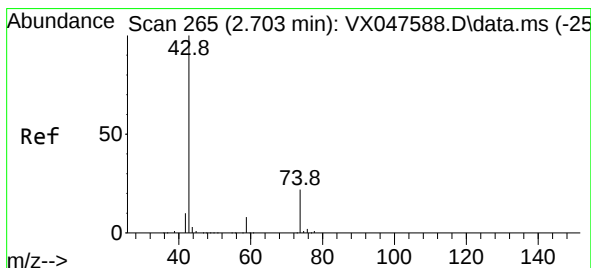
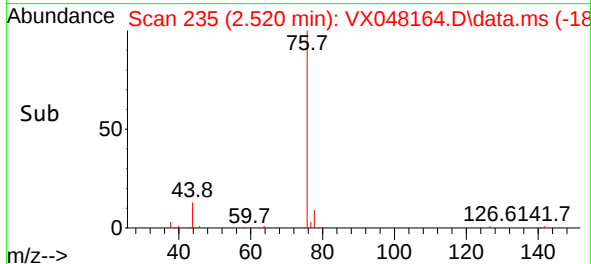
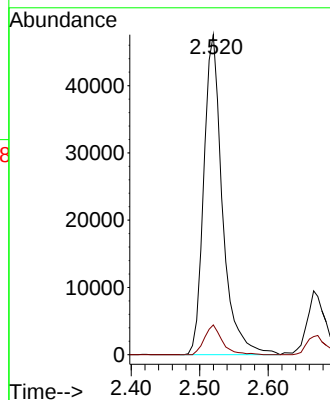
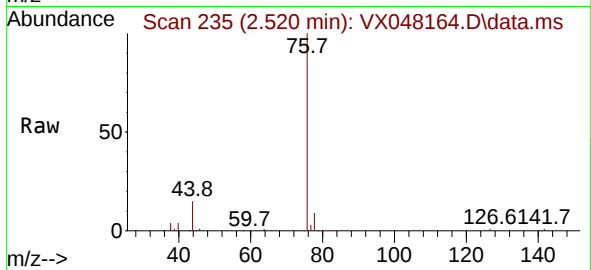
78 9.3 6.8 10.2

Manual Integrations

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Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#18

Methyl Acetate

Concen: 16.540 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX048164.D

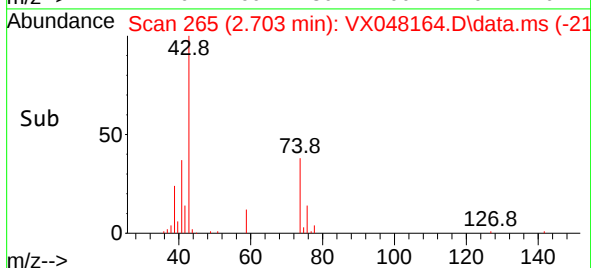
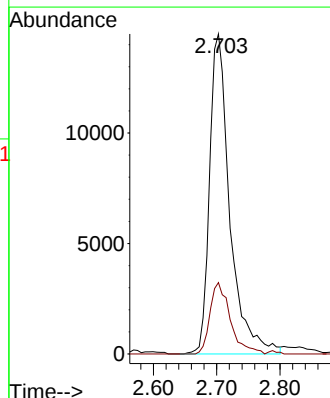
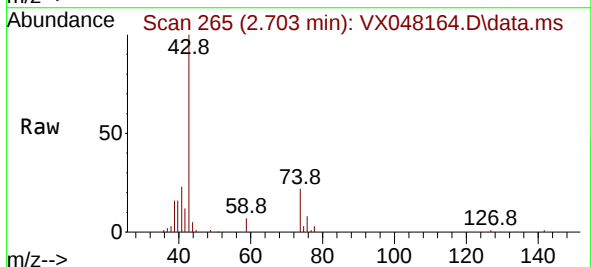
Acq: 14 Oct 2025 14:31

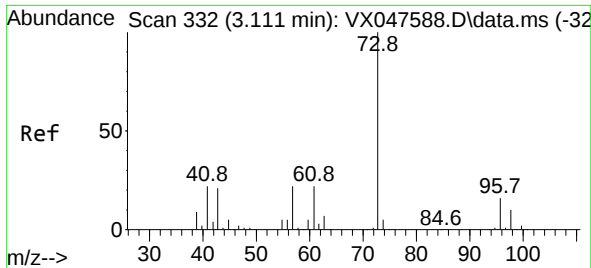
Tgt Ion: 43 Resp: 32229

Ion Ratio Lower Upper

43 100

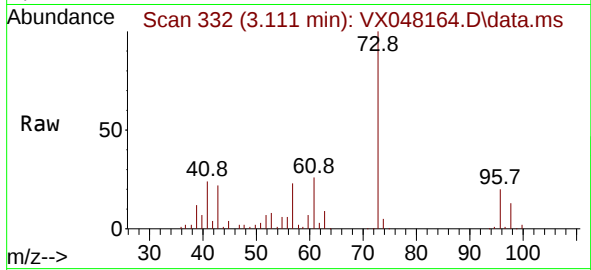
74 22.4 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 17.741 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

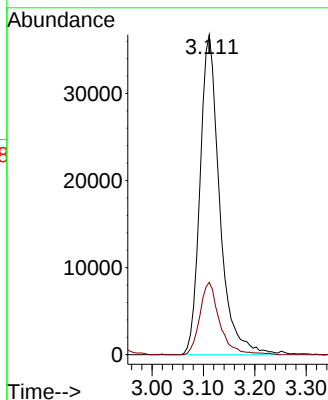
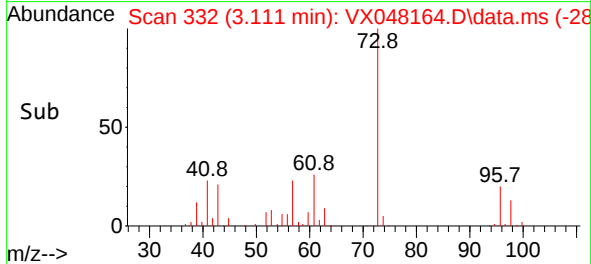
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



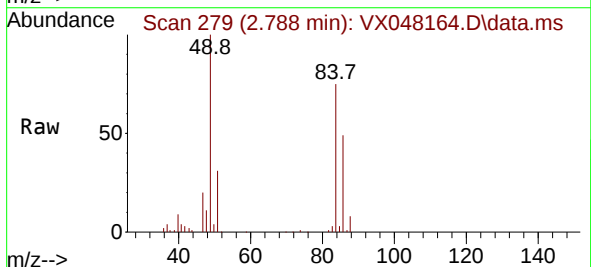
Tgt Ion: 73 Resp: 97340
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

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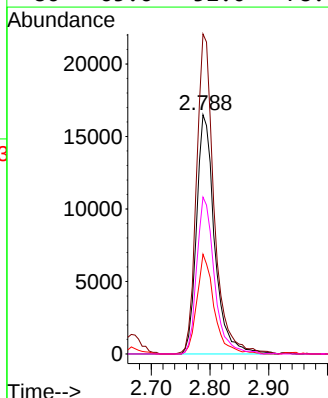
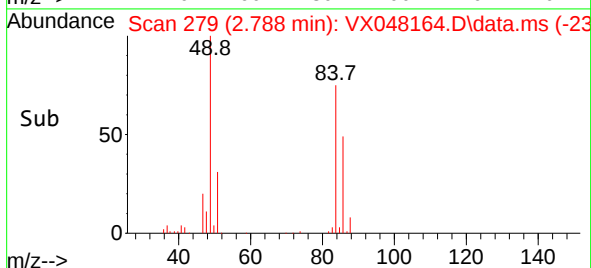
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

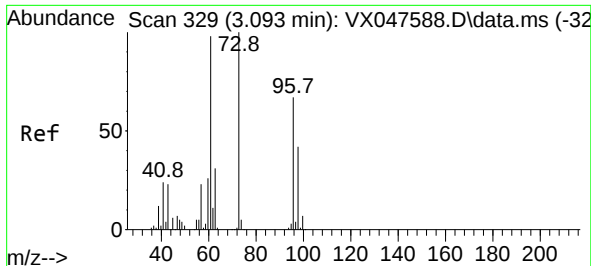


#20
Methylene Chloride
Concen: 19.076 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



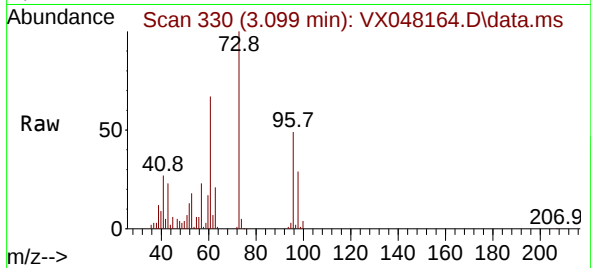
Tgt Ion: 84 Resp: 35355
Ion Ratio Lower Upper
84 100
49 133.8 108.6 162.8
51 41.7 32.6 48.8
86 65.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 19.815 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

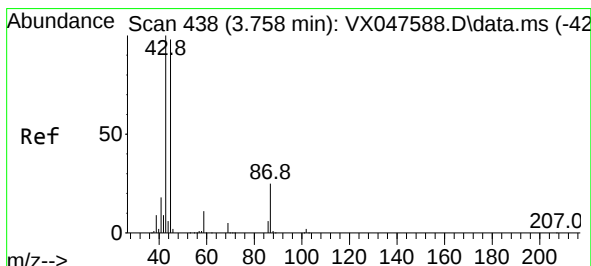
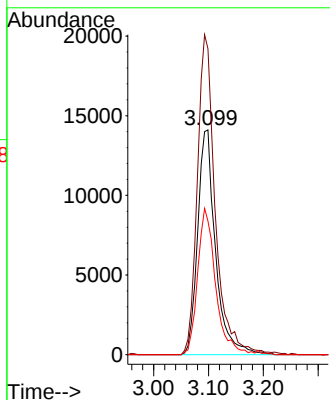
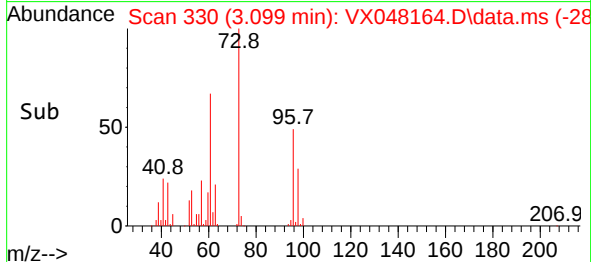
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



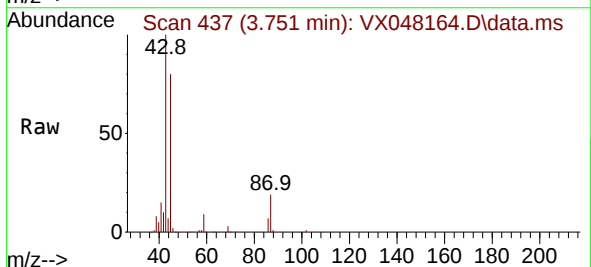
Tgt Ion: 96 Resp: 3206
Ion Ratio Lower Upper
96 100
61 136.1 116.2 174.2
98 59.5 49.3 73.9

Manual Integrations
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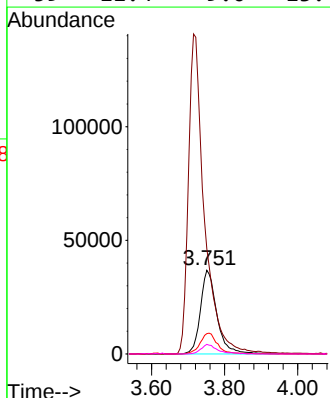
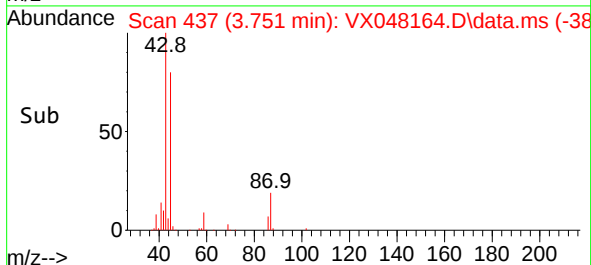
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

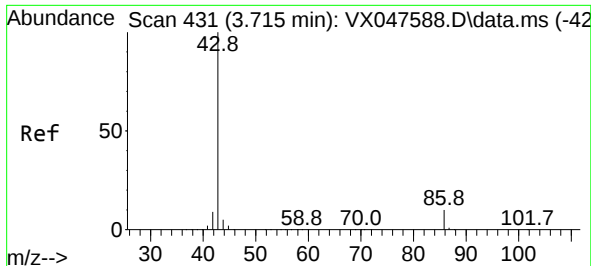


#22
Diisopropyl ether
Concen: 19.137 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



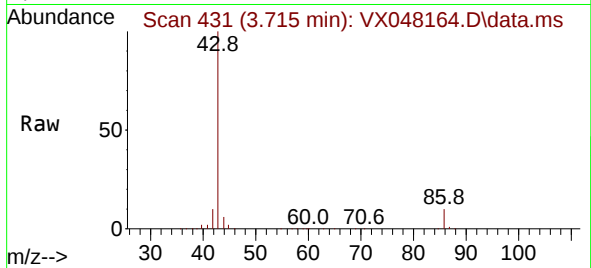
Tgt Ion: 45 Resp: 115036
Ion Ratio Lower Upper
45 100
43 124.4 81.0 121.4#
87 24.3 20.3 30.5
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 89.207 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048164.D
 Acq: 14 Oct 2025 14:31

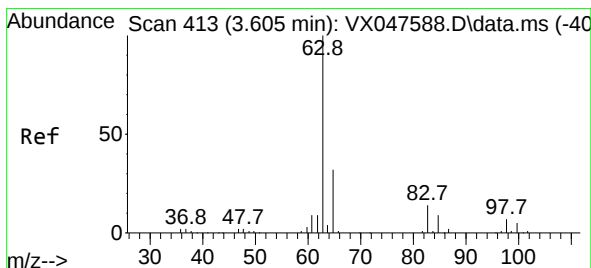
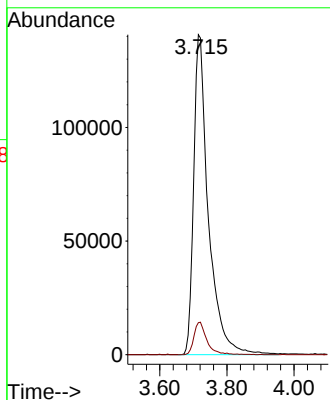
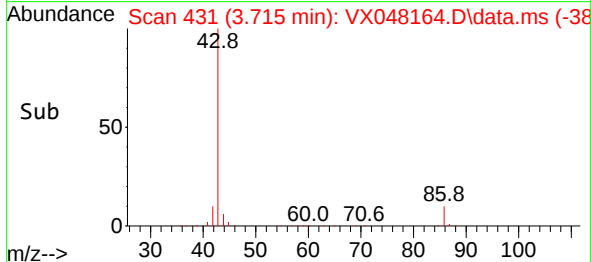
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS02



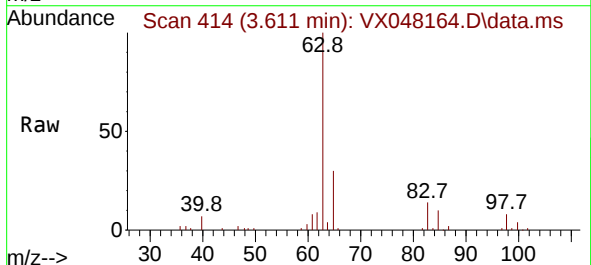
Tgt Ion: 43 Resp: 429172
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
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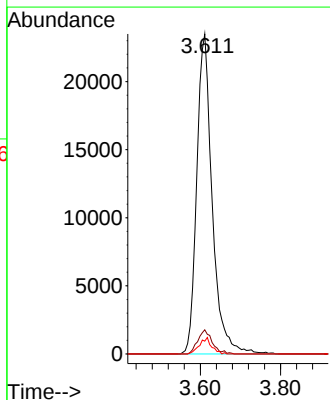
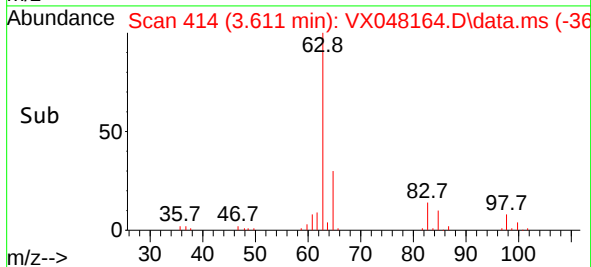
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

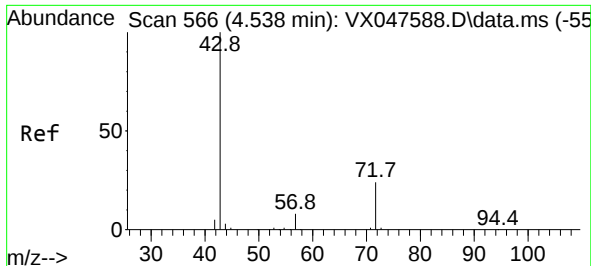


#24
 1,1-Dichloroethane
 Concen: 19.678 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048164.D
 Acq: 14 Oct 2025 14:31



Tgt Ion: 63 Resp: 62871
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.0 2.3 6.9





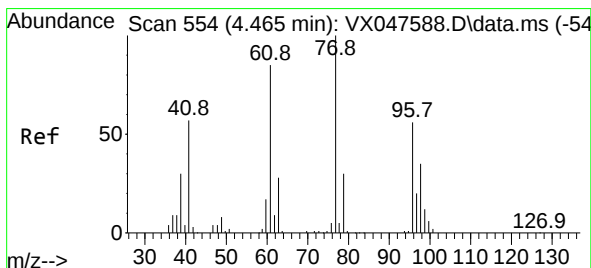
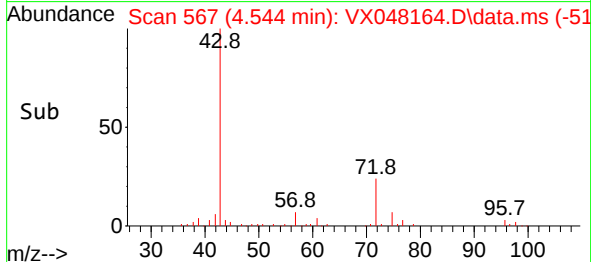
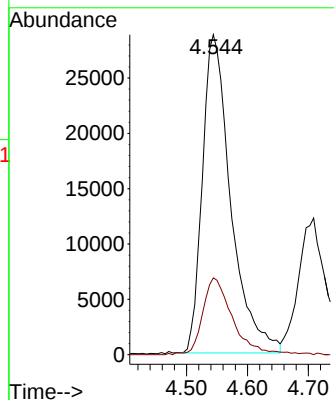
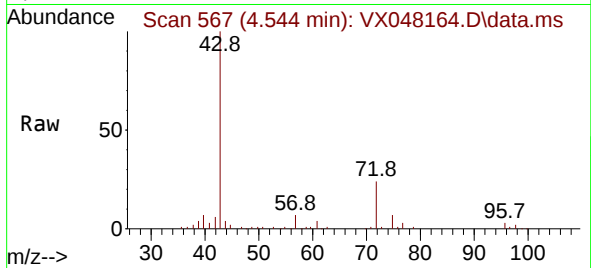
#25
2-Butanone
Concen: 85.462 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 43 Resp: 93339
Ion Ratio Lower Upper
43 100
72 23.5 20.1 30.1

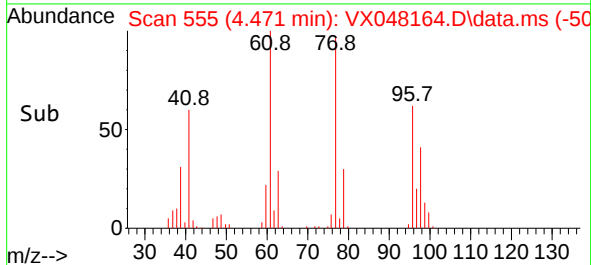
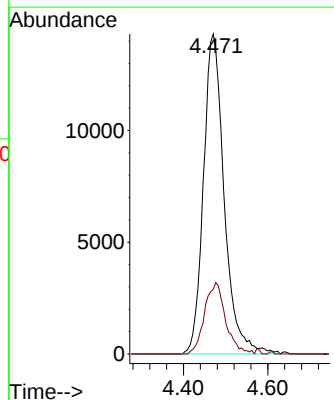
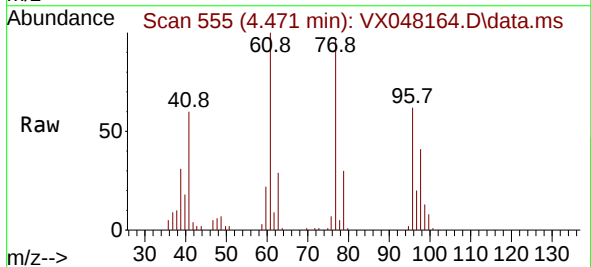
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 18.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 77 Resp: 49023
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 19.190 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

Tgt Ion: 96 Resp: 3803

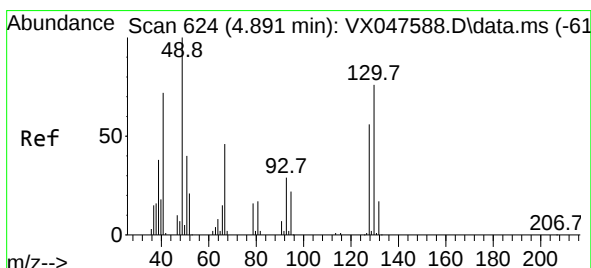
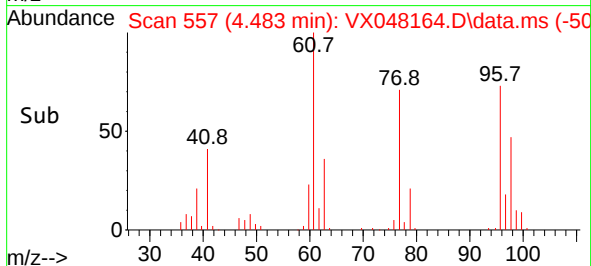
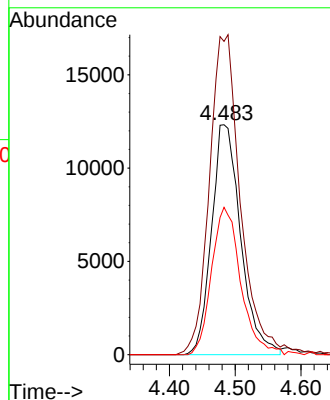
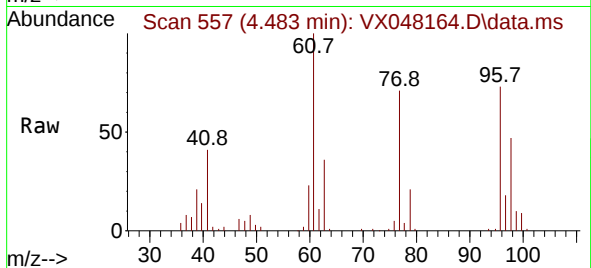
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	303.2
98	64.0	0.0	127.8

Manual Integrations

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Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 20.638 ug/l

RT: 4.891 min Scan# 624

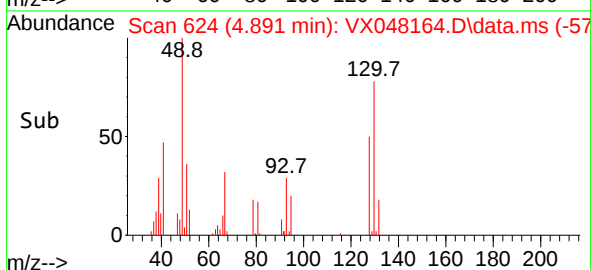
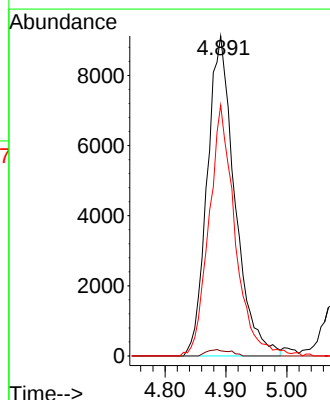
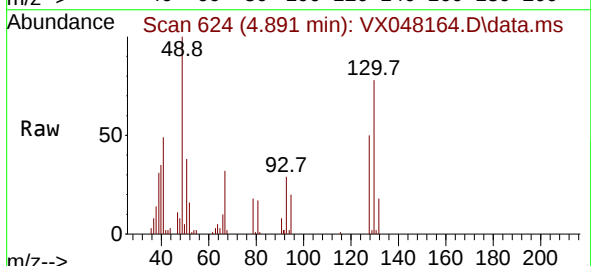
Delta R.T. -0.000 min

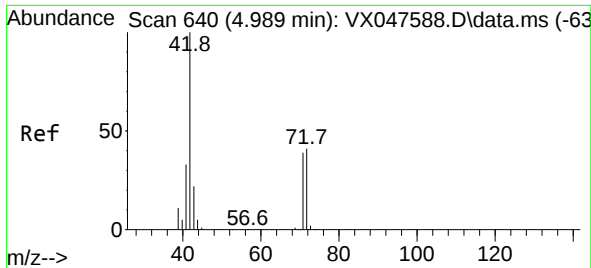
Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Tgt Ion: 49 Resp: 28786

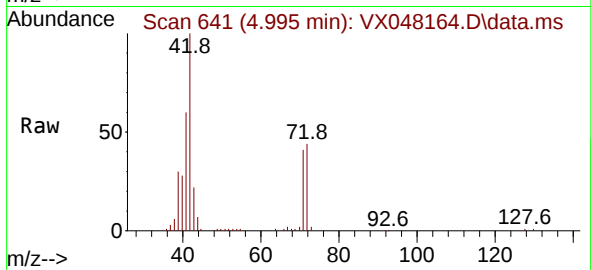
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	74.2	57.8	86.8





#29
Tetrahydrofuran
Concen: 88.735 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

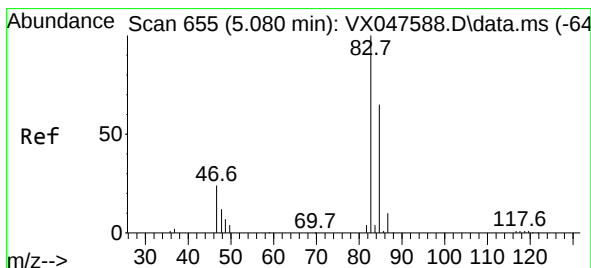
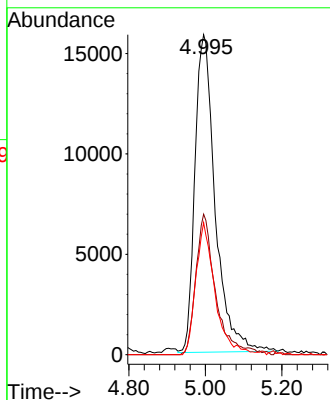
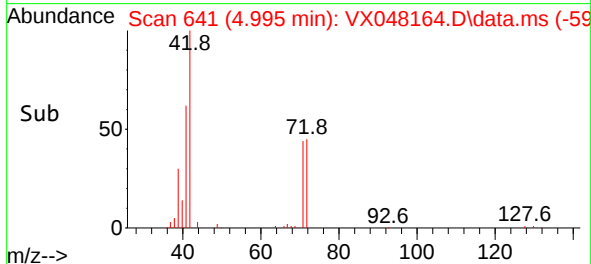
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 42 Resp: 5830
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.2
71 39.1 31.9 47.9

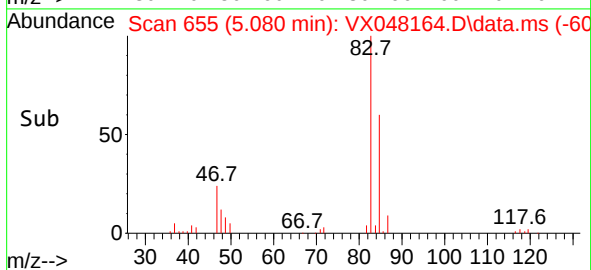
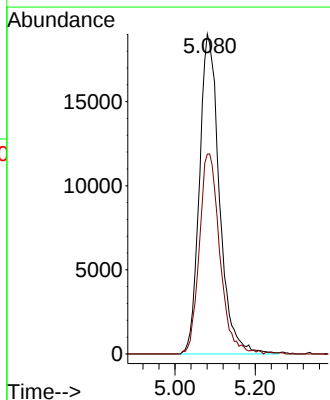
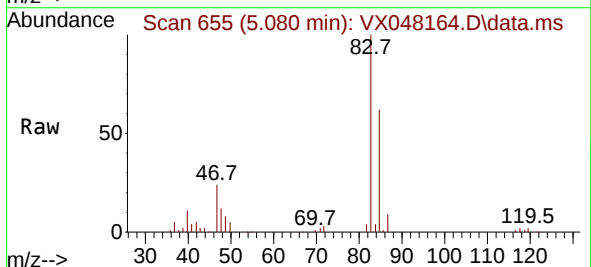
Manual Integrations
APPROVED

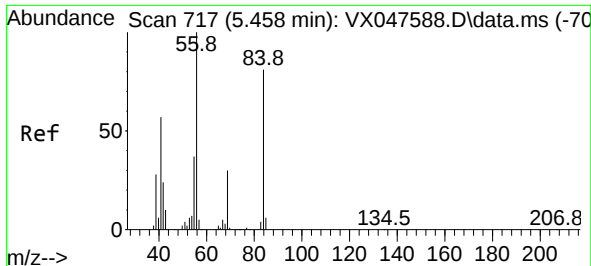
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#30
Chloroform
Concen: 20.346 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

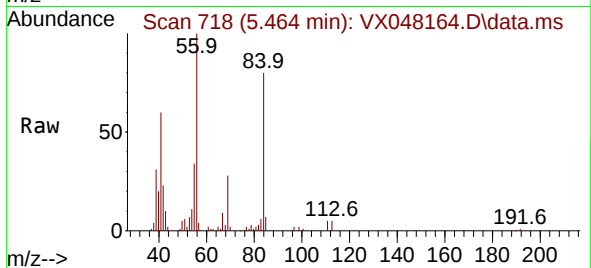
Tgt Ion: 83 Resp: 65690
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6





#31
Cyclohexane
Concen: 20.174 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

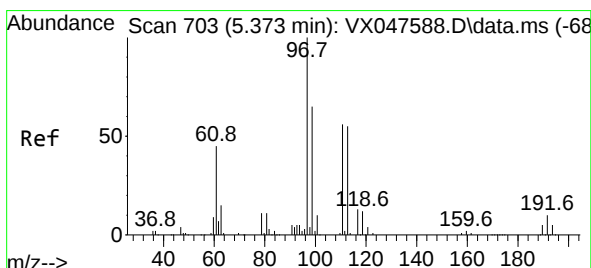
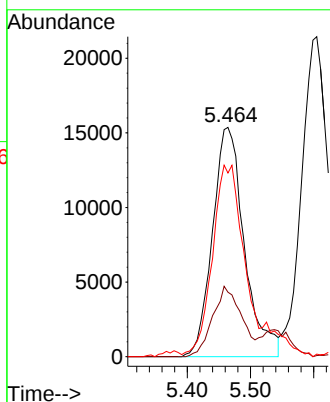
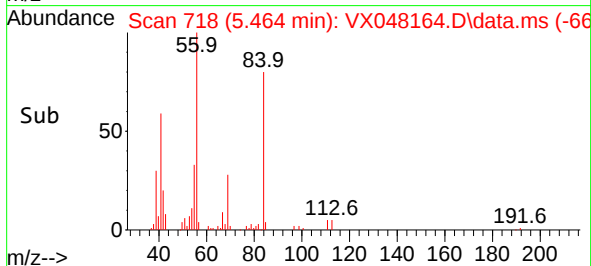
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 56 Resp: 53684
Ion Ratio Lower Upper
56 100
69 27.0 23.8 35.8
84 75.1 64.6 97.0

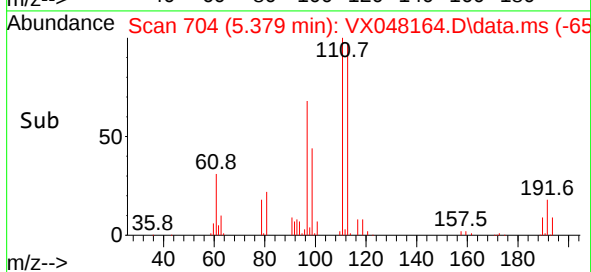
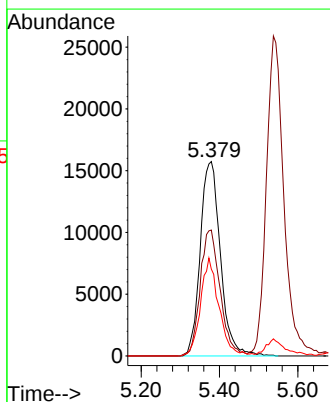
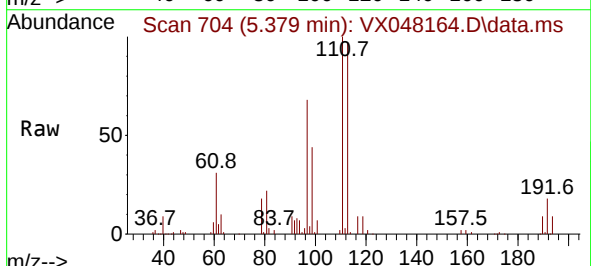
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#32
1,1,1-Trichloroethane
Concen: 20.599 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 97 Resp: 56411
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 45.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 45.843 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

Tgt Ion: 65 Resp: 92310

Ion Ratio Lower Upper

65 100

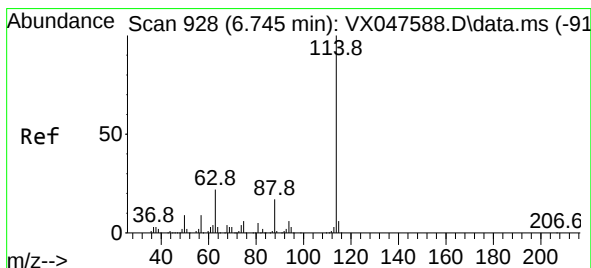
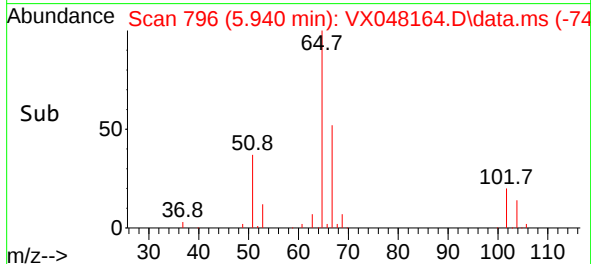
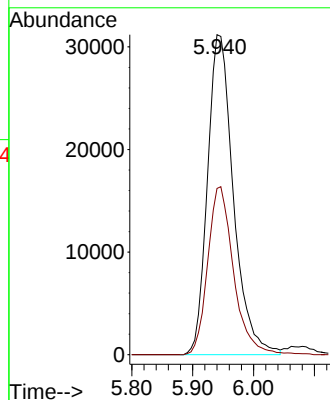
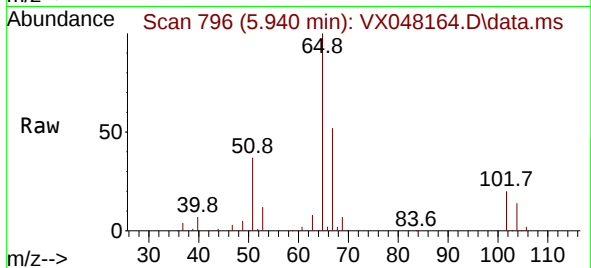
67 52.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

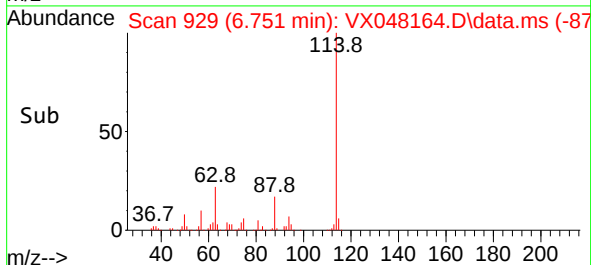
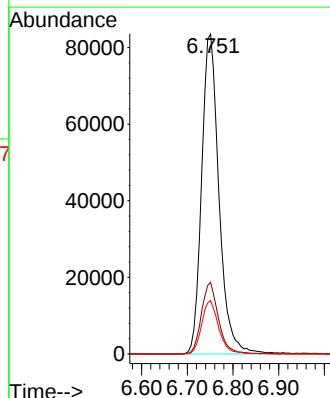
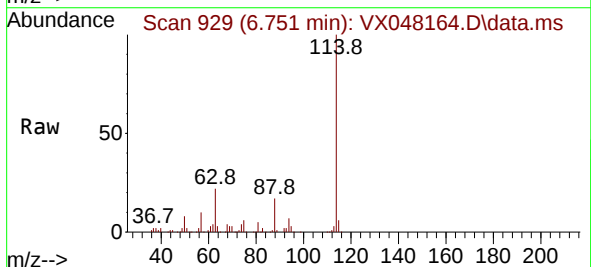
Tgt Ion:114 Resp: 219762

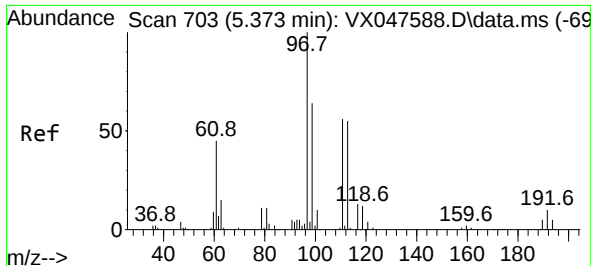
Ion Ratio Lower Upper

114 100

63 25.4 0.0 44.0

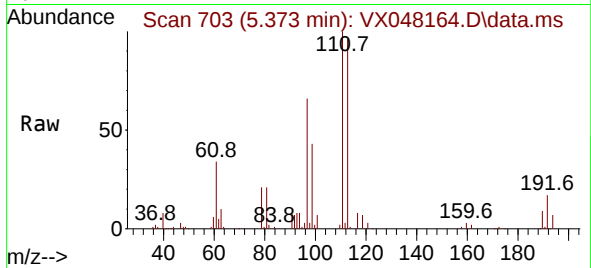
88 16.7 0.0 34.2





#35
Dibromofluoromethane
Concen: 49.635 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

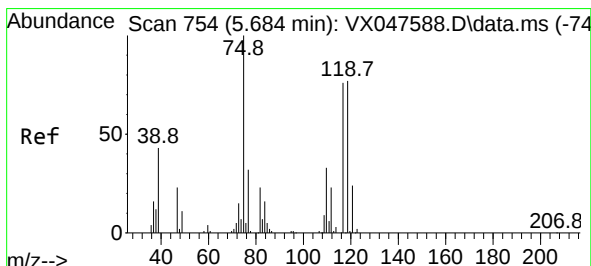
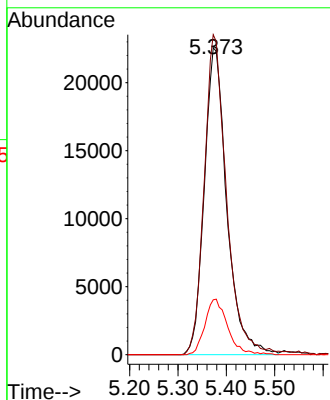
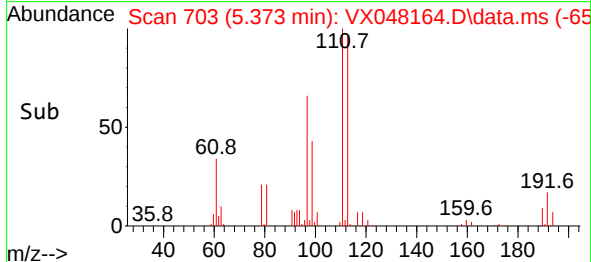
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 113 Resp: 73154
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 18.2 14.2 21.4

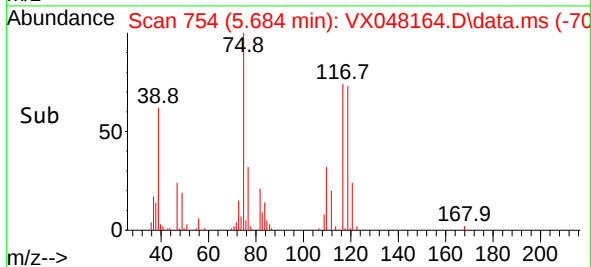
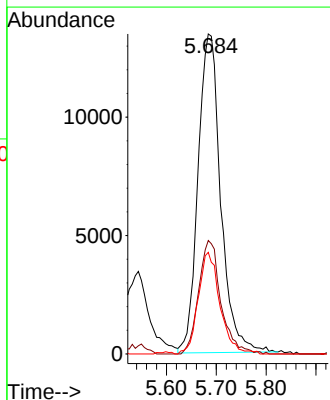
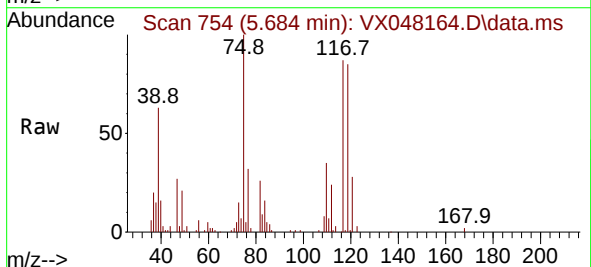
Manual Integrations
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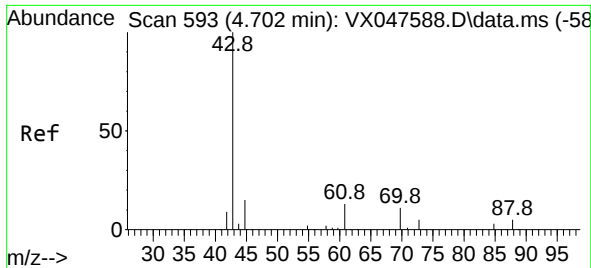
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#36
1,1-Dichloropropene
Concen: 19.762 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 75 Resp: 42560
Ion Ratio Lower Upper
75 100
110 35.0 16.7 50.1
77 30.5 24.3 36.5





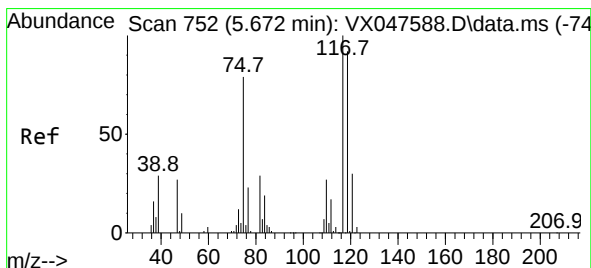
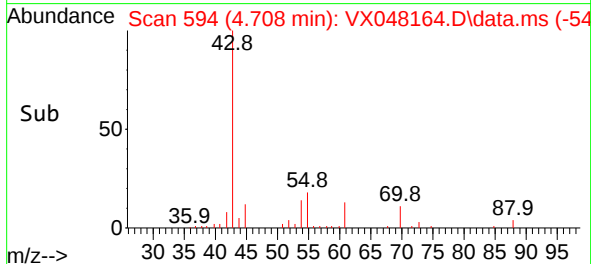
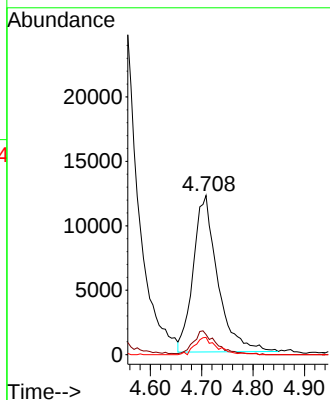
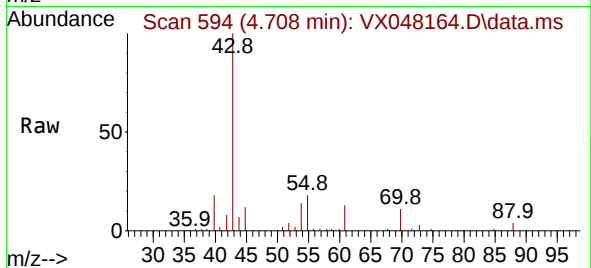
#37
Ethyl Acetate
Concen: 17.388 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 43 Resp: 40095
Ion Ratio Lower Upper
43 100
61 14.6 9.8 14.8
70 9.6 7.9 11.9

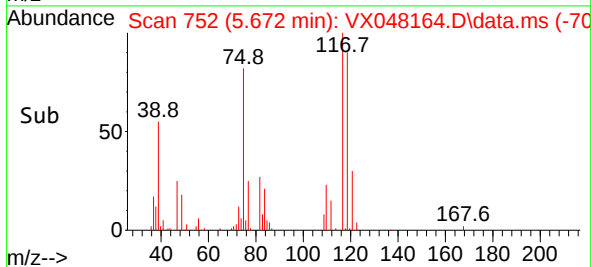
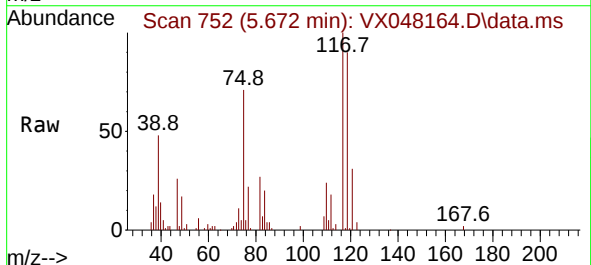
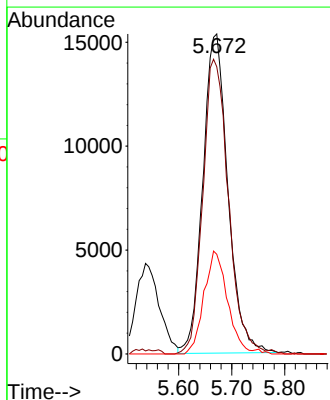
Manual Integrations
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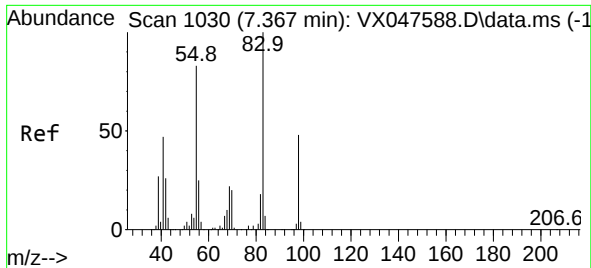
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#38
Carbon Tetrachloride
Concen: 21.554 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

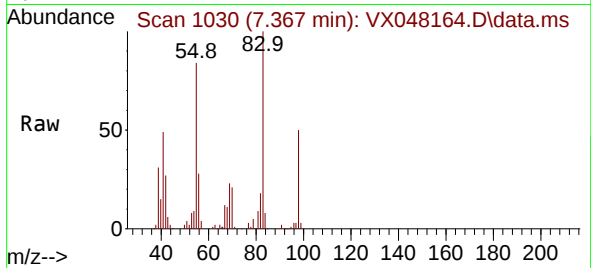
Tgt Ion:117 Resp: 50436
Ion Ratio Lower Upper
117 100
119 89.8 73.4 110.2
121 31.3 23.8 35.6





#39
Methylcyclohexane
Concen: 20.425 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

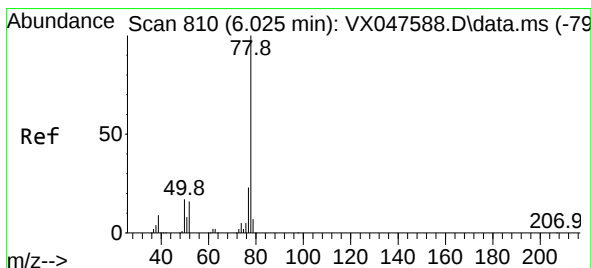
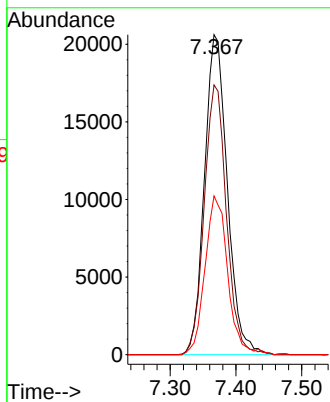
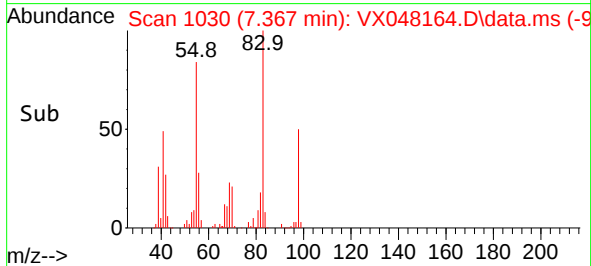
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



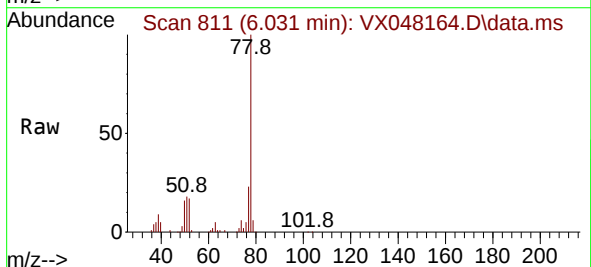
Tgt Ion: 83 Resp: 4993
Ion Ratio Lower Upper
83 100
55 84.3 66.4 99.6
98 49.6 38.1 57.1

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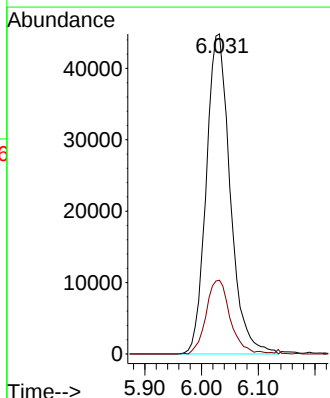
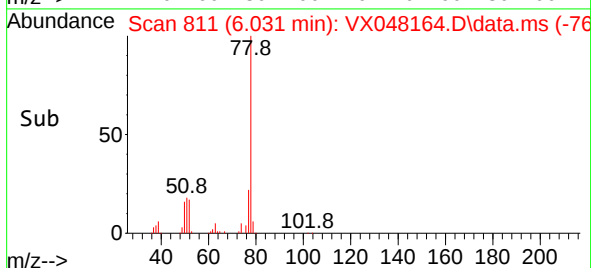
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#40
Benzene
Concen: 20.097 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



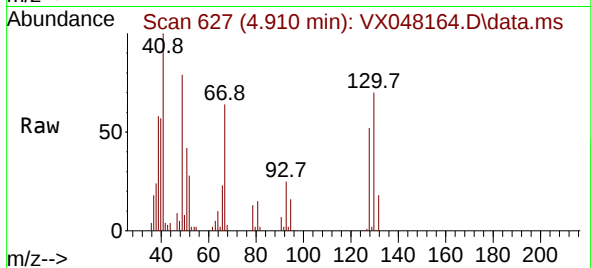
Tgt Ion: 78 Resp: 131458
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2





#41
Methacrylonitrile
Concen: 18.051 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

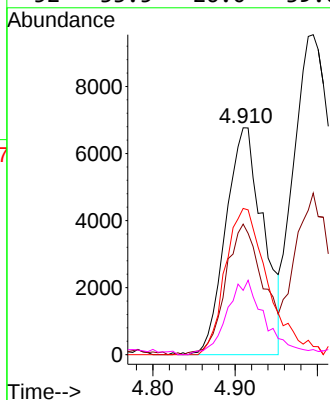
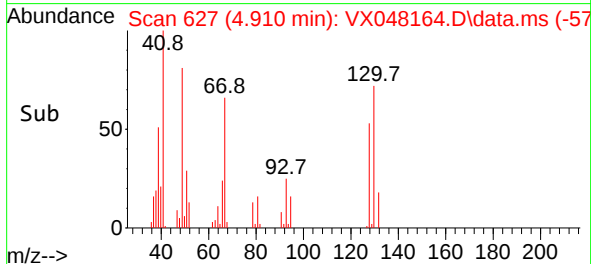
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 41 Resp: 21489
Ion Ratio Lower Upper
41 100
39 57.7 43.3 64.9
67 73.1 58.6 87.8
52 33.5 26.0 39.0

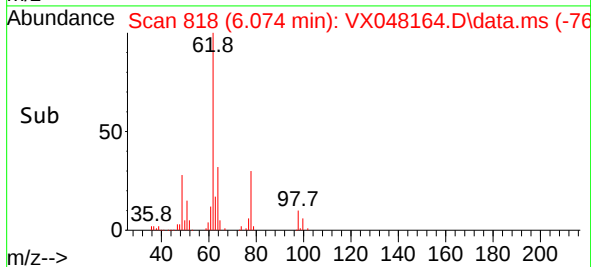
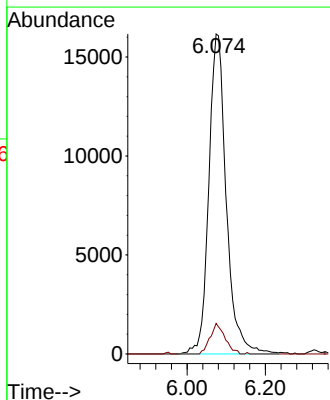
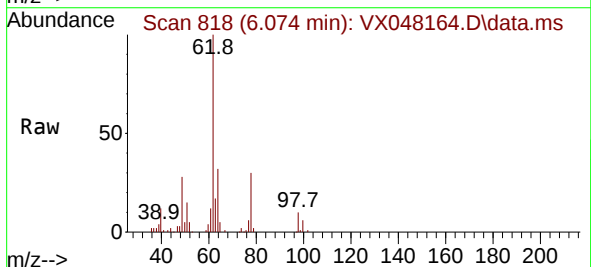
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#42
1,2-Dichloroethane
Concen: 20.051 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 62 Resp: 49904
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.0





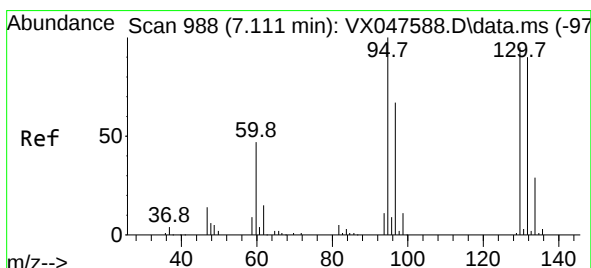
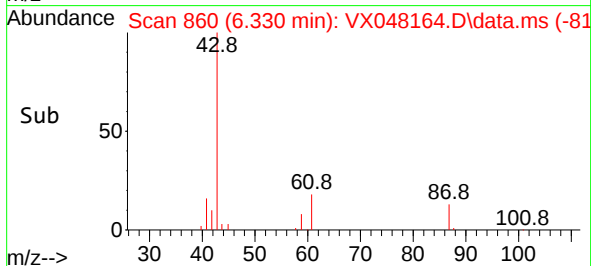
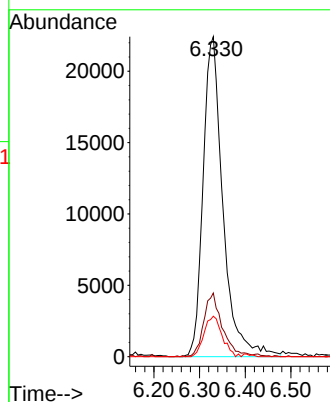
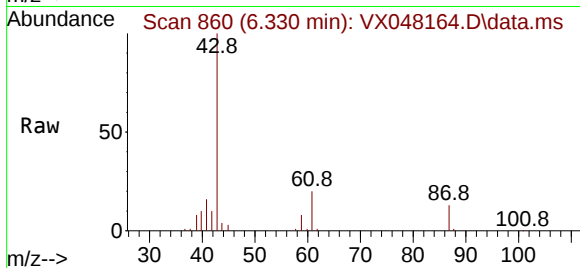
#43
Isopropyl Acetate
Concen: 17.836 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 11.5 9.6 14.4

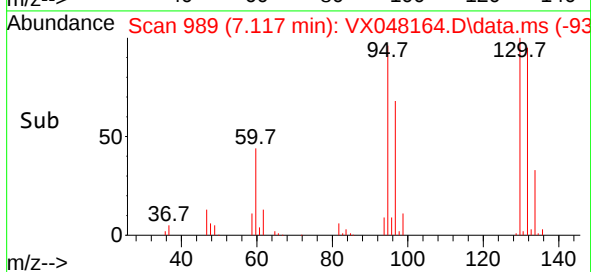
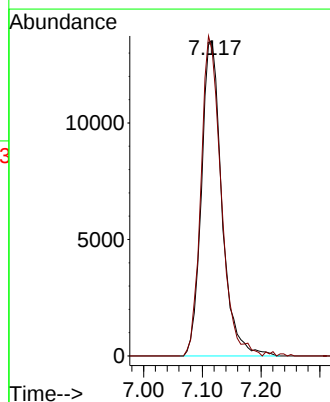
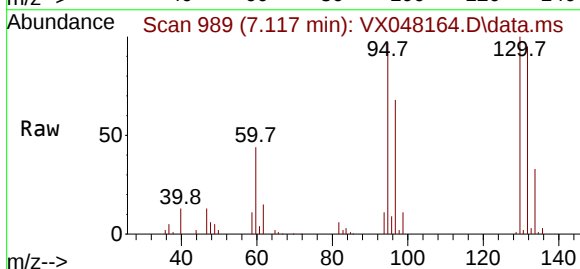
Manual Integrations
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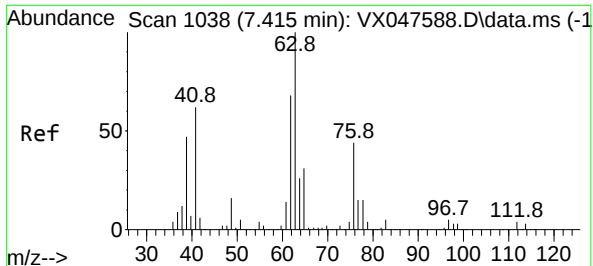
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#44
Trichloroethene
Concen: 20.628 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion:130 Resp: 32622
Ion Ratio Lower Upper
130 100
95 97.1 0.0 210.8





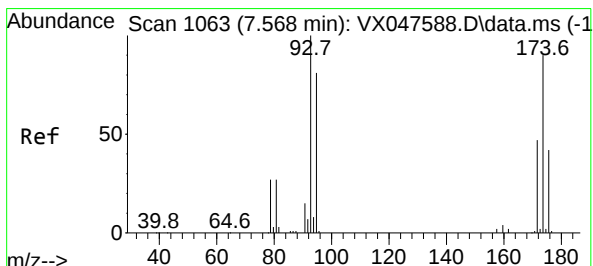
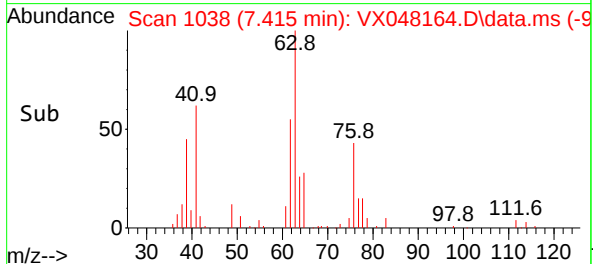
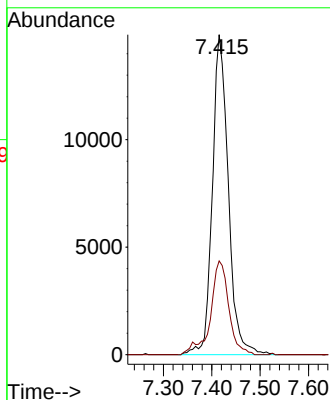
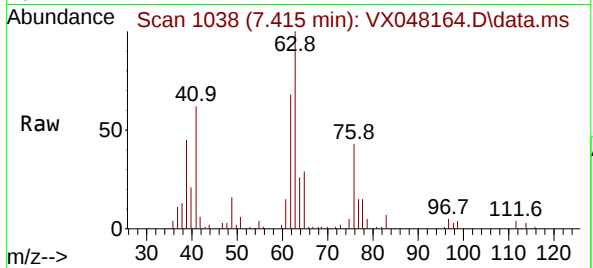
#45
1,2-Dichloropropane
Concen: 20.331 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 63 Resp: 3405
Ion Ratio Lower Upper
63 100
65 29.3 24.7 37.1

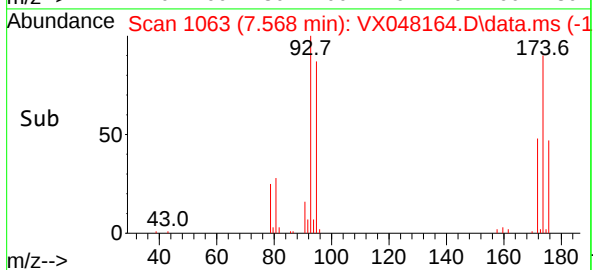
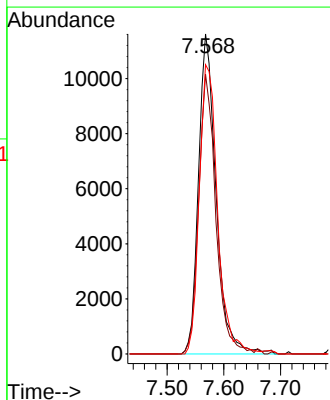
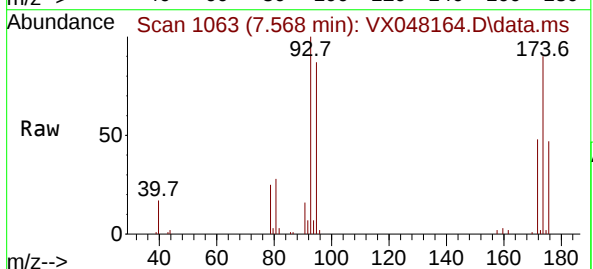
Manual Integrations
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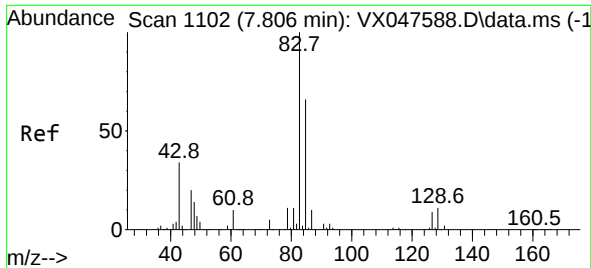
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#46
Dibromomethane
Concen: 20.558 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 93 Resp: 25057
Ion Ratio Lower Upper
93 100
95 85.1 65.0 97.6
174 94.1 71.6 107.4





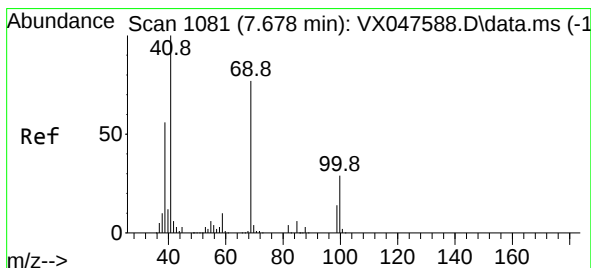
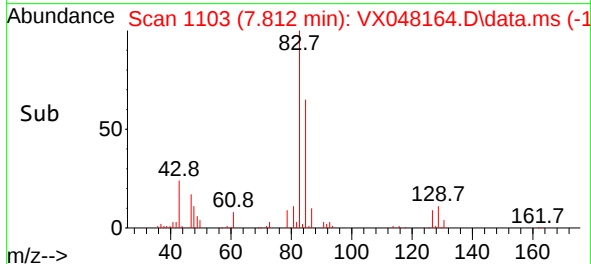
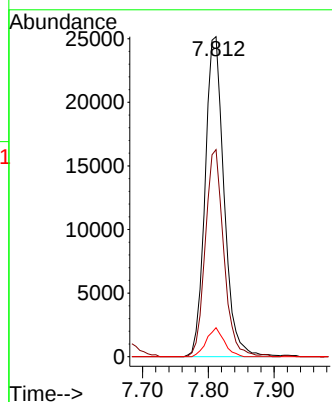
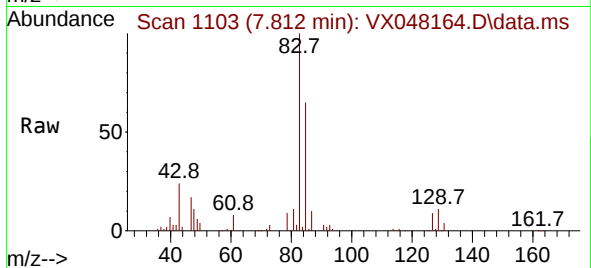
#47
Bromodichloromethane
Concen: 20.058 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 83 Resp: 50450
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 9.0 6.9 10.3

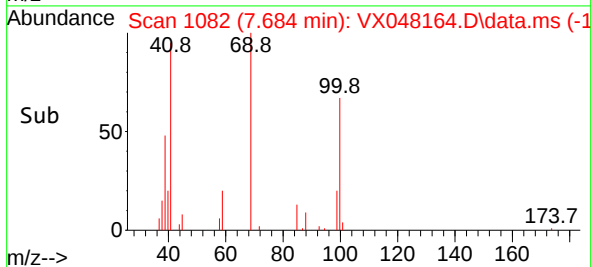
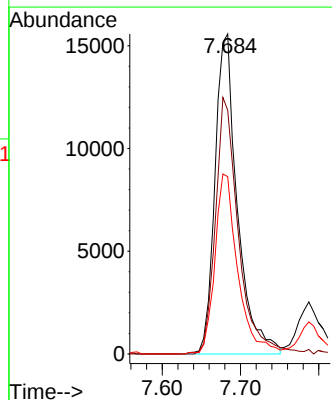
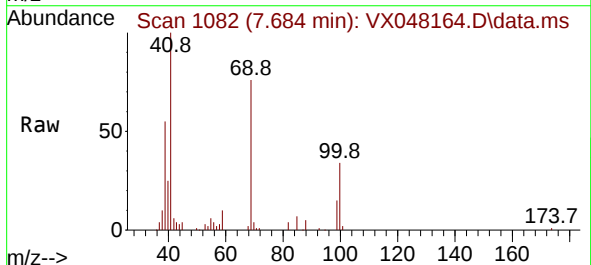
Manual Integrations
APPROVED

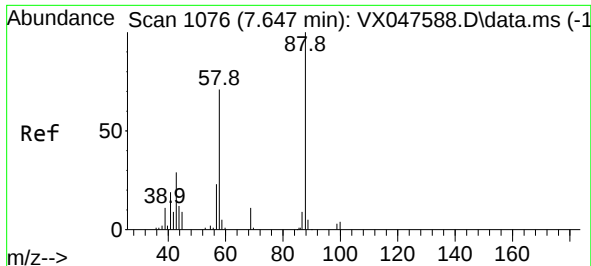
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 16.491 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 41 Resp: 31065
Ion Ratio Lower Upper
41 100
69 81.9 61.4 92.2
39 57.3 45.8 68.6





#49

1,4-Dioxane

Concen: 406.562 ug/l

RT: 7.653 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

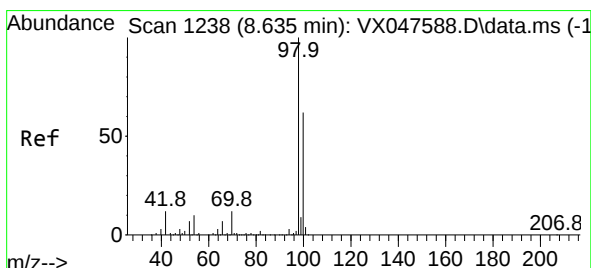
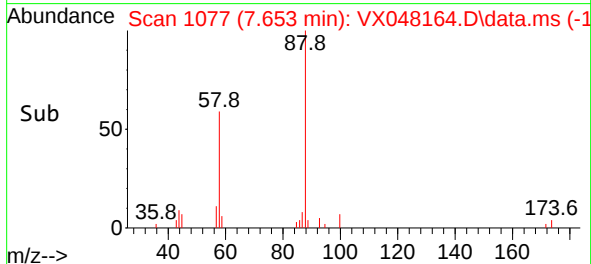
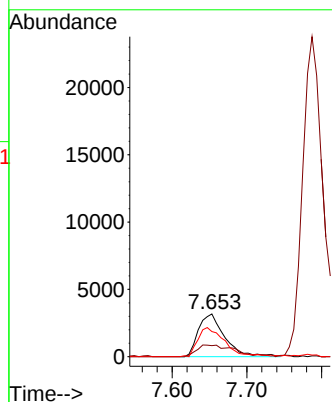
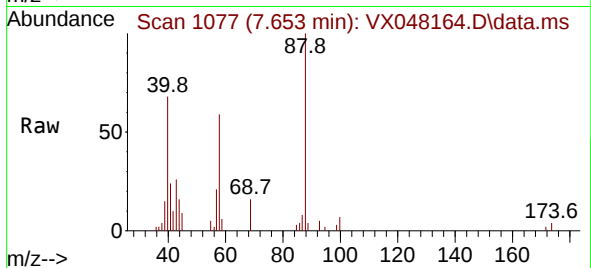
Tgt Ion: 88 Resp: 7740
 Ion Ratio Lower Upper
 88 100
 43 38.7 30.2 45.2
 58 69.7 59.5 89.3

Manual Integrations

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Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#50

Toluene-d8

Concen: 48.015 ug/l

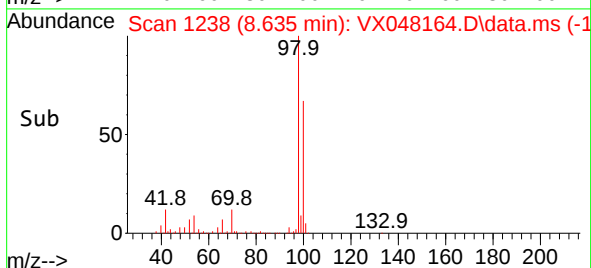
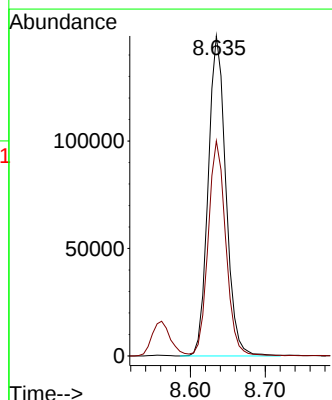
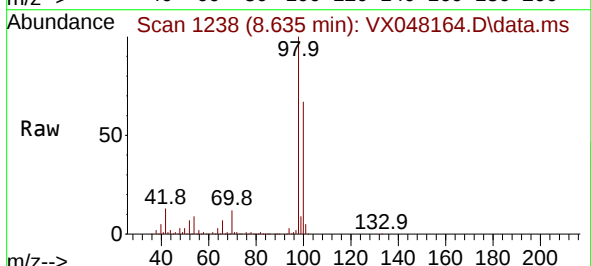
RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

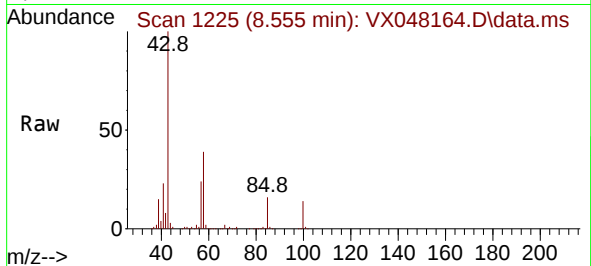
Tgt Ion: 98 Resp: 244866
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 93.613 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

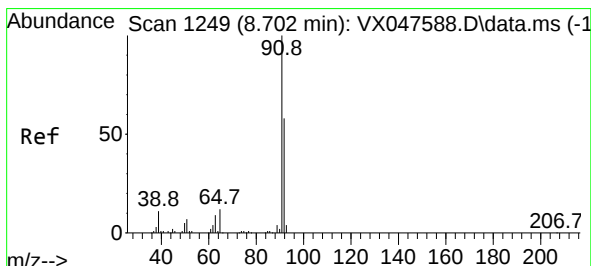
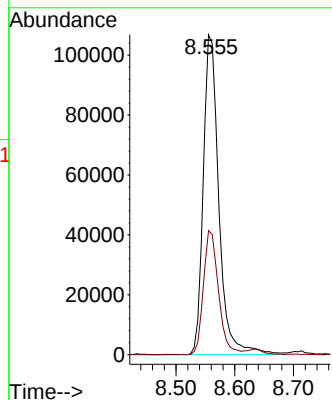
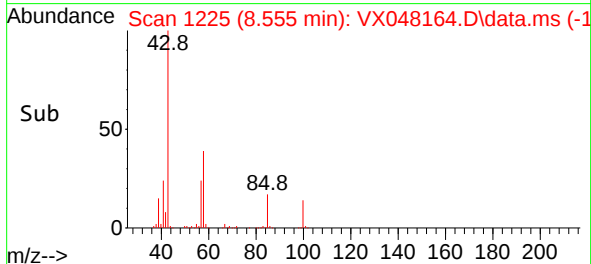
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 43 Resp: 196290
Ion Ratio Lower Upper
43 100
58 37.6 30.3 45.5

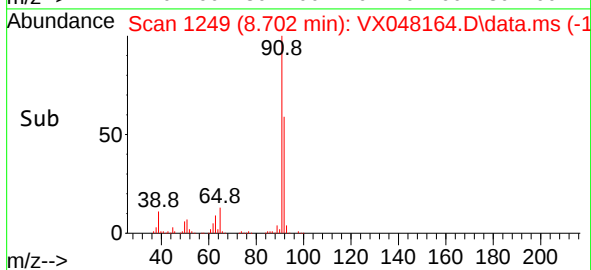
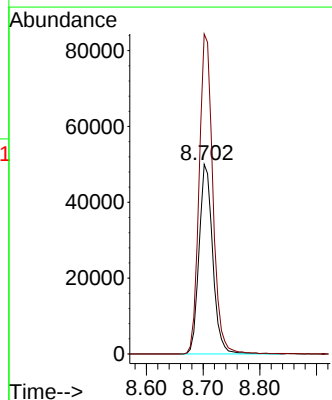
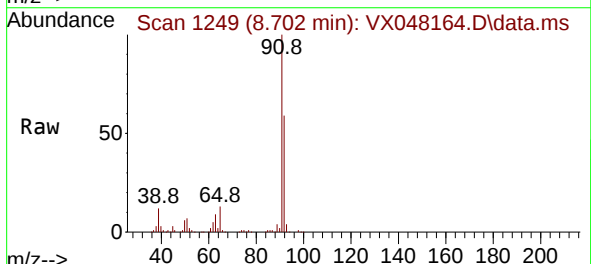
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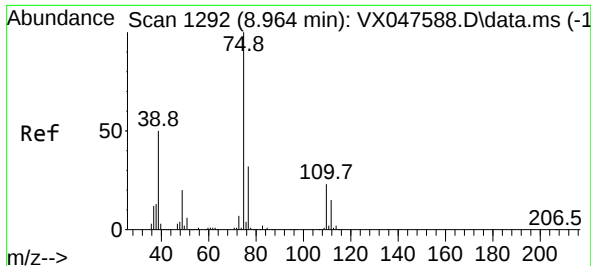
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 20.753 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 92 Resp: 83633
Ion Ratio Lower Upper
92 100
91 169.3 137.1 205.7





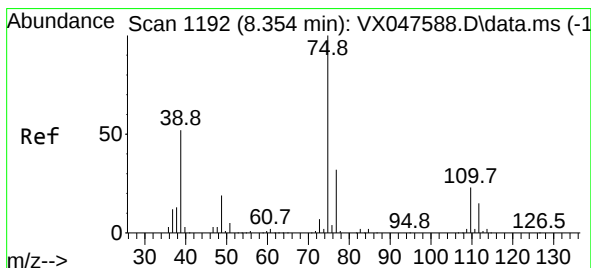
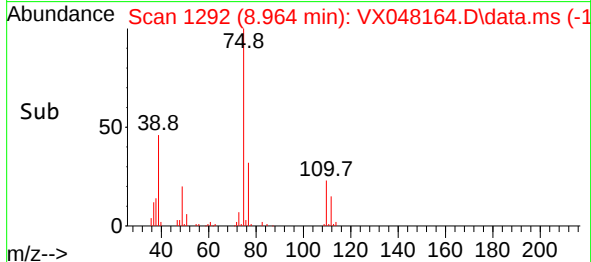
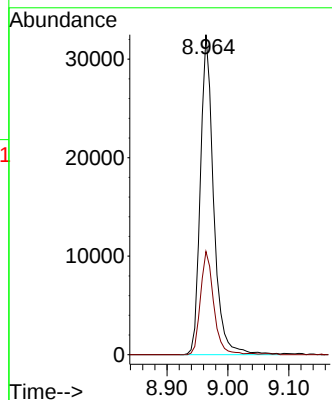
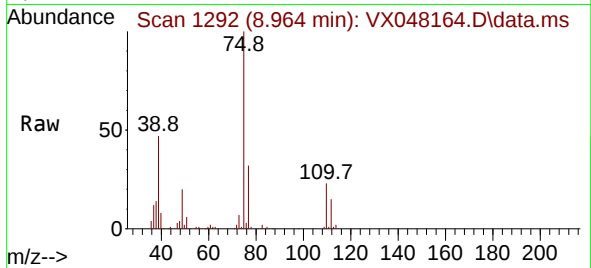
#53
t-1,3-Dichloropropene
Concen: 19.189 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 75 Resp: 49230
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

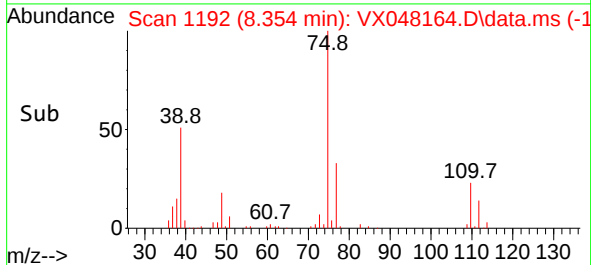
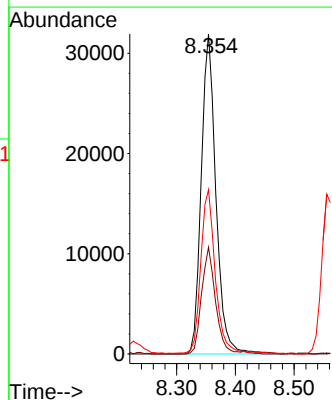
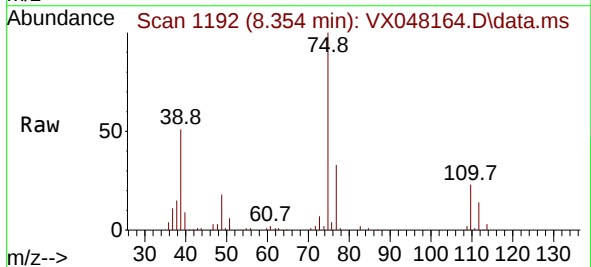
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#54
cis-1,3-Dichloropropene
Concen: 20.178 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

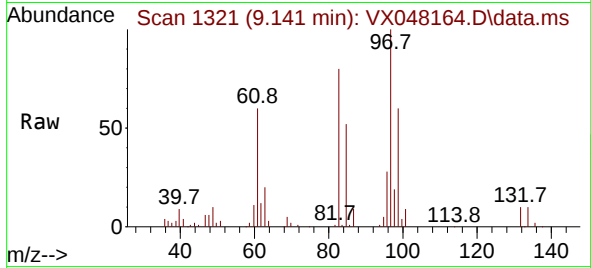
Tgt Ion: 75 Resp: 55331
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
39 51.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 20.872 ug/l
RT: 9.141 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

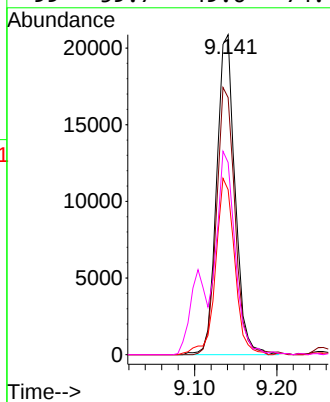
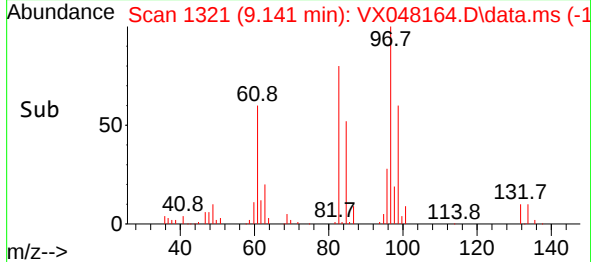
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



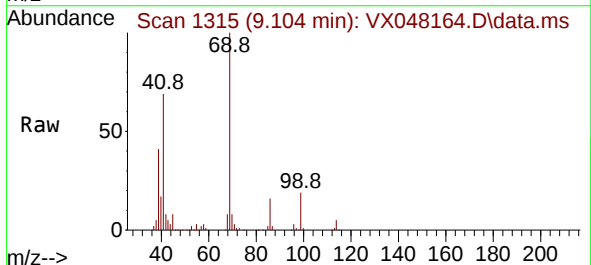
Tgt Ion: 97 Resp: 32434
Ion Ratio Lower Upper
97 100
83 81.6 69.6 104.4
85 52.9 45.0 67.6
99 59.7 49.6 74.4

Manual Integrations
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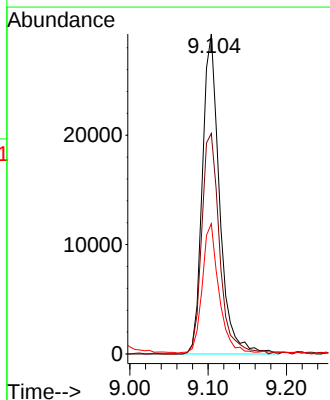
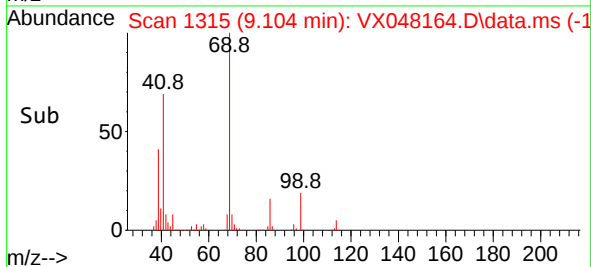
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#56
Ethyl methacrylate
Concen: 18.270 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



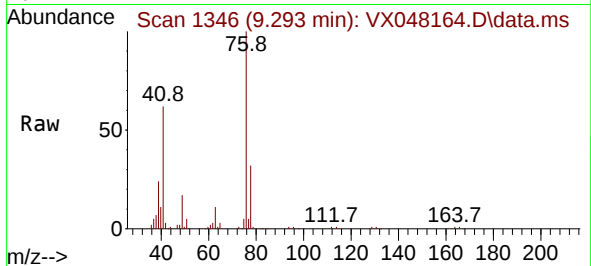
Tgt Ion: 69 Resp: 44586
Ion Ratio Lower Upper
69 100
41 71.6 58.6 87.8
39 38.9 31.5 47.3





#57
1,3-Dichloropropane
Concen: 20.983 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

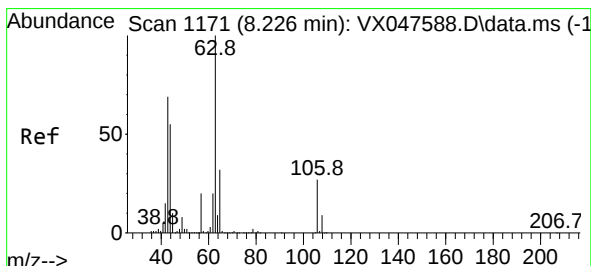
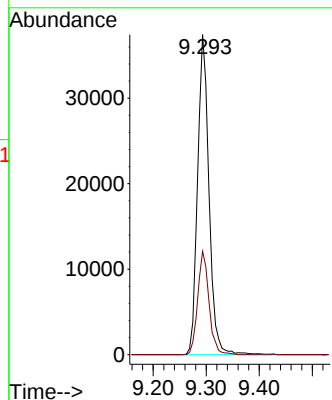
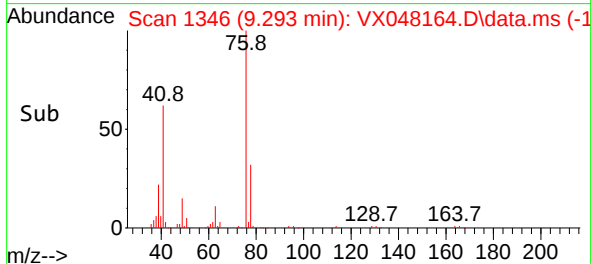
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 76 Resp: 5601
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

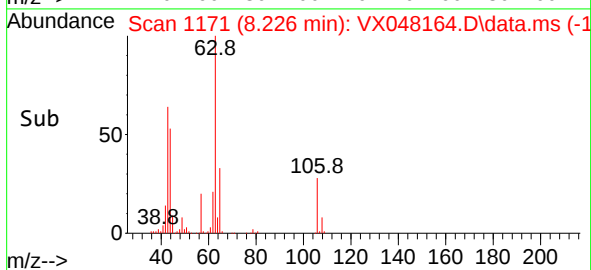
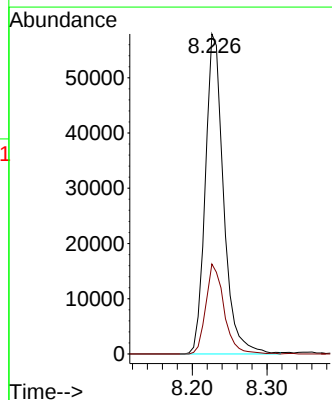
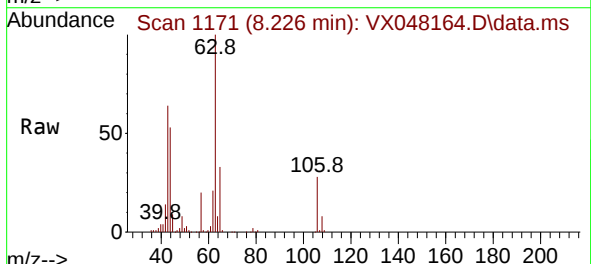
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 91.527 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

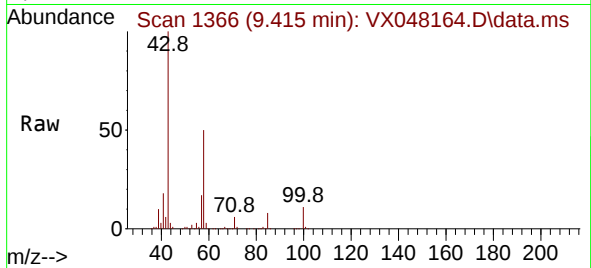
Tgt Ion: 63 Resp: 98240
Ion Ratio Lower Upper
63 100
106 28.1 21.9 32.9





#59
2-Hexanone
Concen: 91.286 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

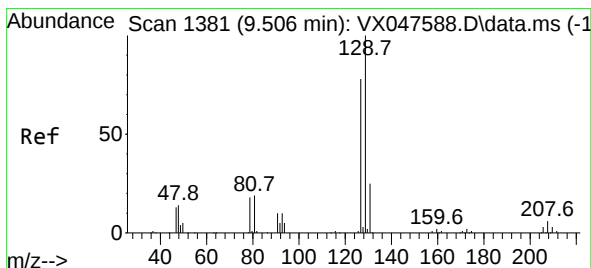
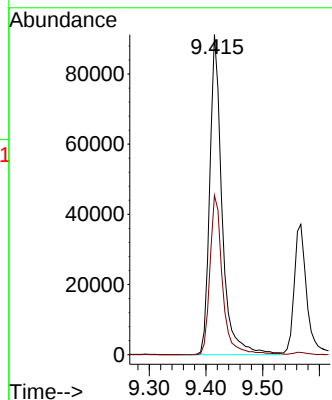
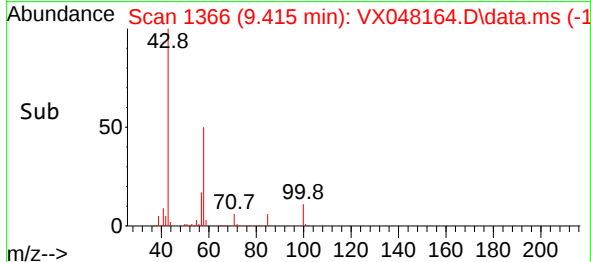
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 43 Resp: 137472
Ion Ratio Lower Upper
43 100
58 51.0 26.1 78.2

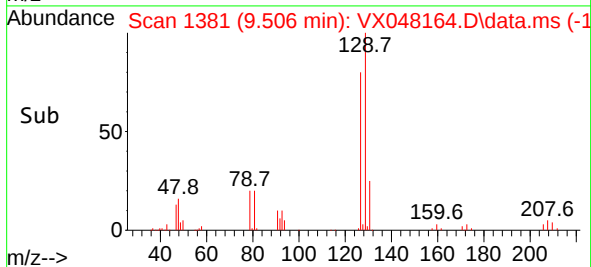
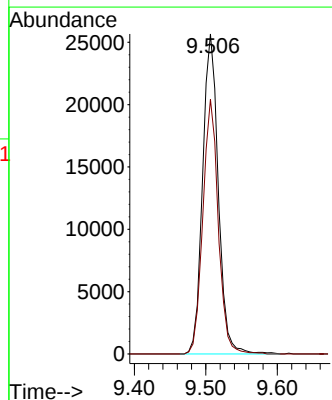
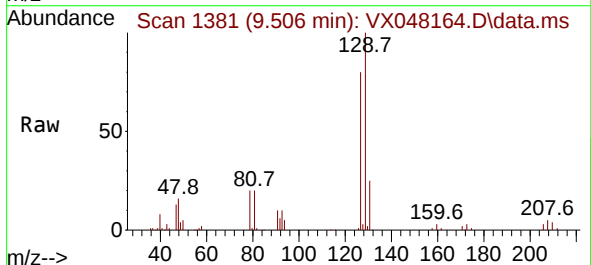
Manual Integrations
APPROVED

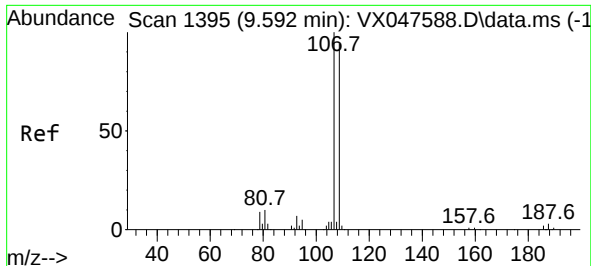
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#60
Dibromochloromethane
Concen: 21.842 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

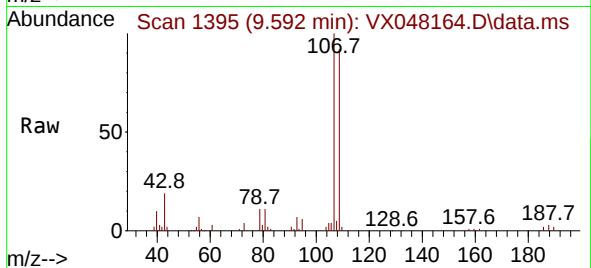
Tgt Ion:129 Resp: 39107
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 20.873 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

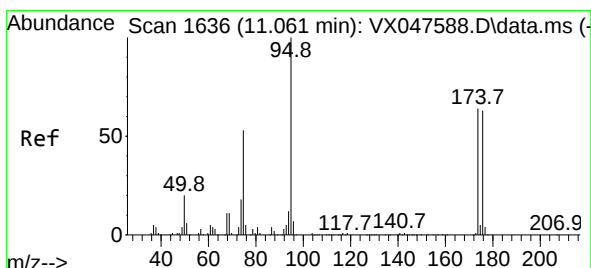
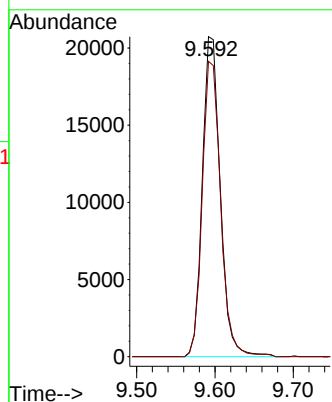
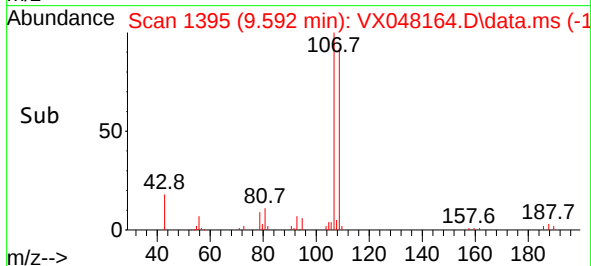
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



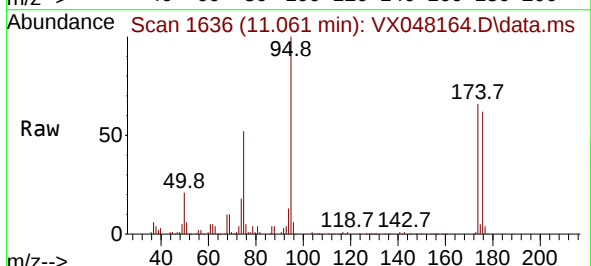
Tgt Ion:107 Resp: 3303
Ion Ratio Lower Upper
107 100
109 94.4 75.3 112.9

Manual Integrations
APPROVED

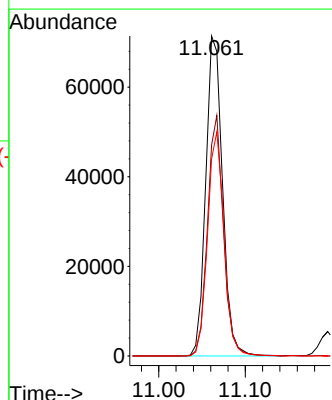
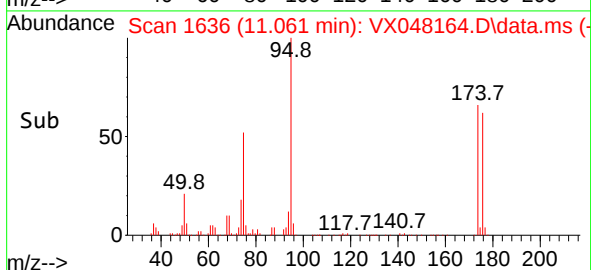
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

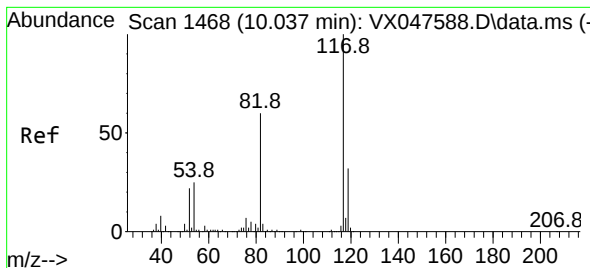


#62
4-Bromofluorobenzene
Concen: 49.589 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



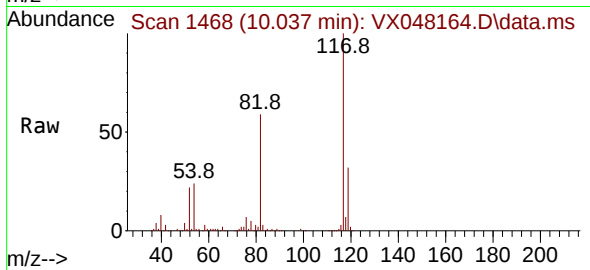
Tgt Ion: 95 Resp: 95977
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 68.9 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

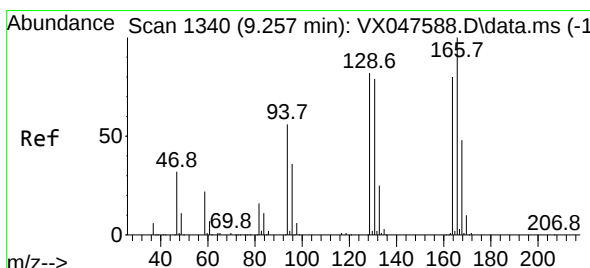
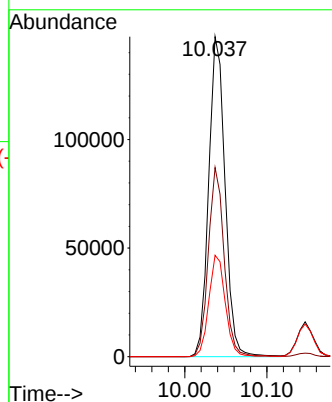
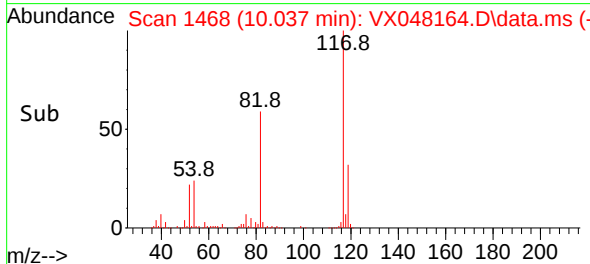
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion:117 Resp: 20352
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.6
119 31.7 25.2 37.8

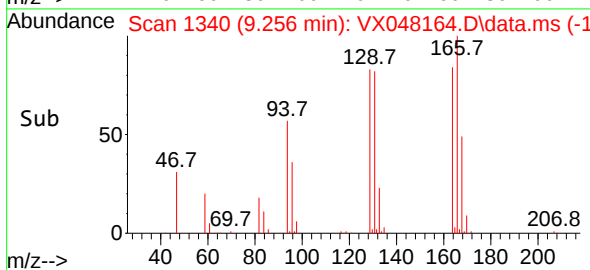
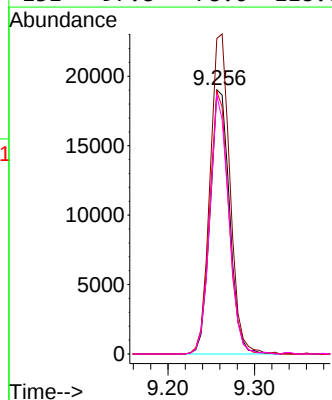
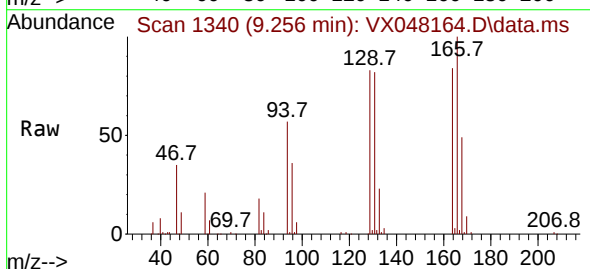
Manual Integrations
APPROVED

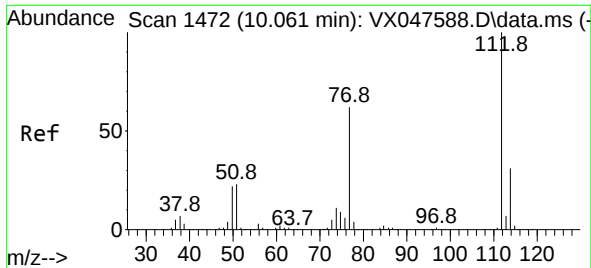
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#64
Tetrachloroethene
Concen: 22.264 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion:164 Resp: 29539
Ion Ratio Lower Upper
164 100
166 119.4 100.2 150.2
129 99.4 81.8 122.6
131 97.8 78.6 118.0





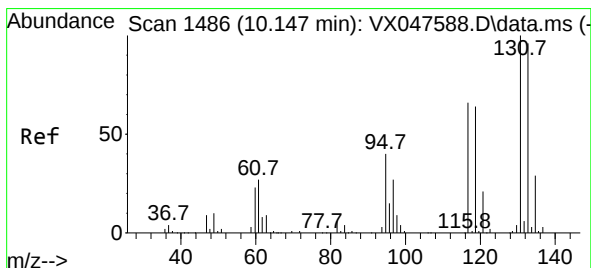
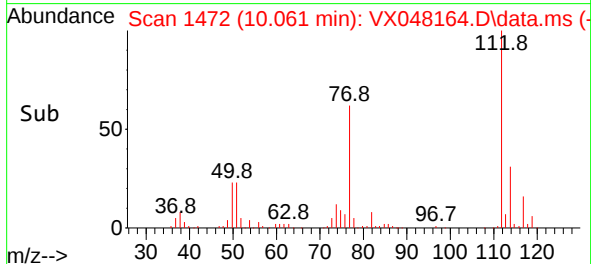
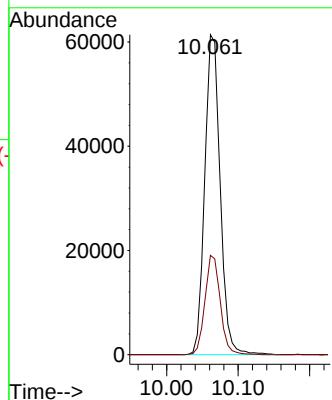
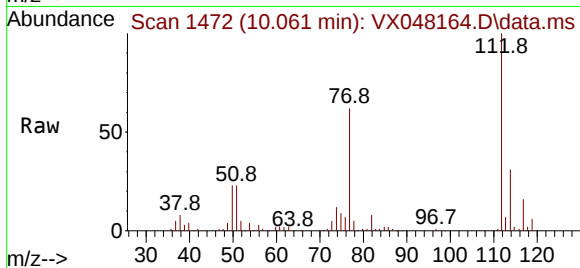
#65
Chlorobenzene
Concen: 19.897 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion:112 Resp: 9199
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

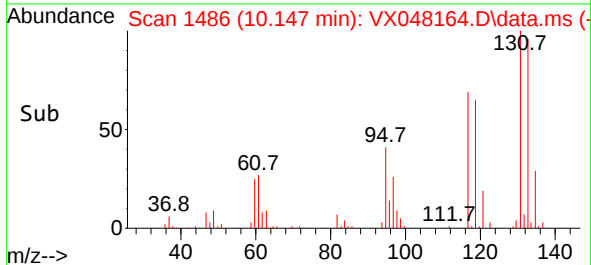
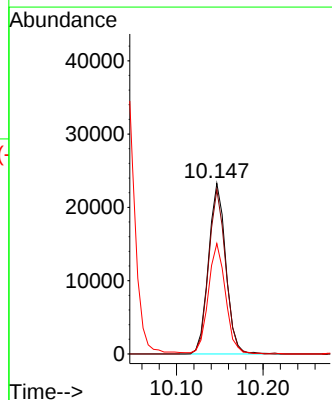
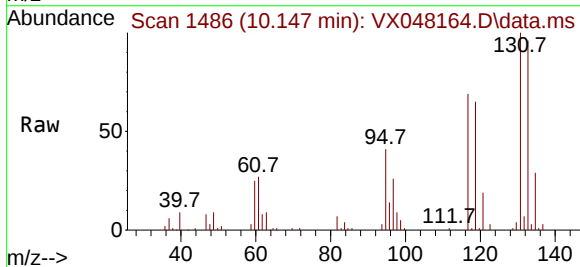
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.257 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion:131 Resp: 32320
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 64.7 32.0 96.0





#67

Ethyl Benzene

Concen: 19.188 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

Tgt Ion: 91 Resp: 153079

Ion Ratio Lower Upper

91 100

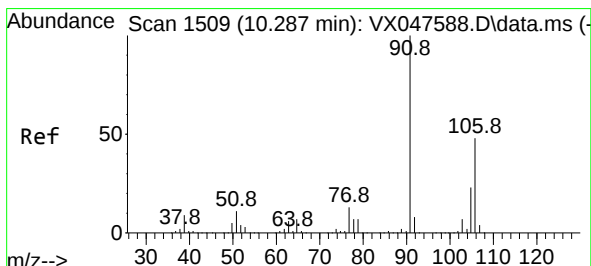
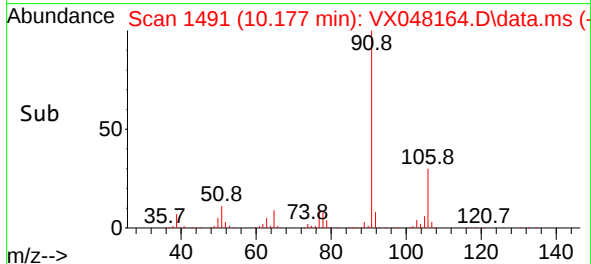
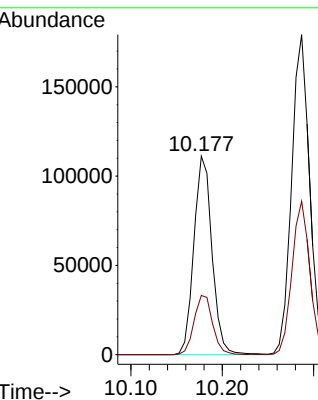
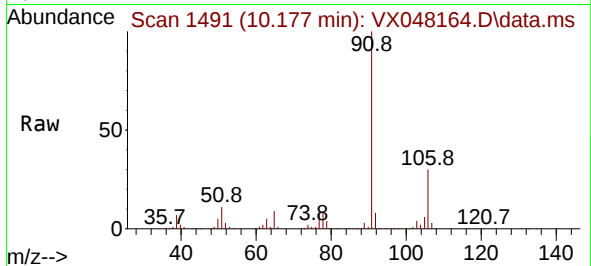
106 29.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#68

m/p-Xylenes

Concen: 40.012 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048164.D

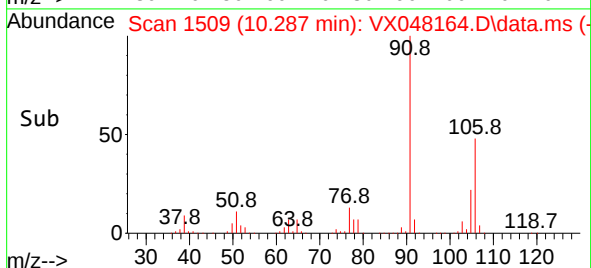
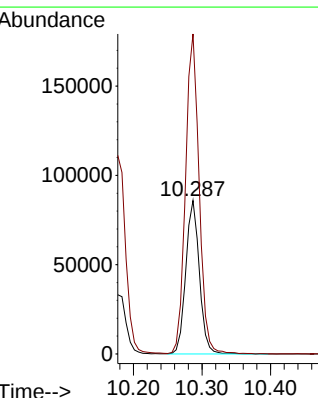
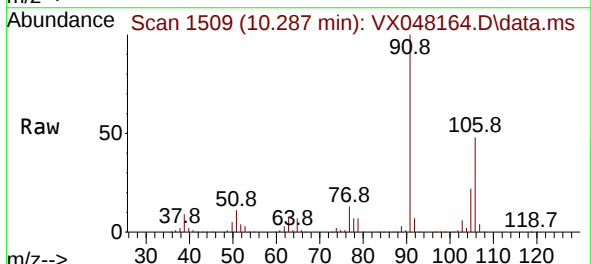
Acq: 14 Oct 2025 14:31

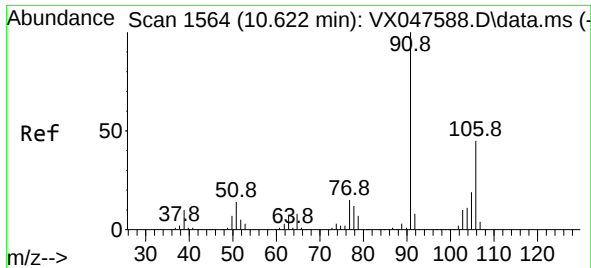
Tgt Ion:106 Resp: 118811

Ion Ratio Lower Upper

106 100

91 209.2 167.8 251.8





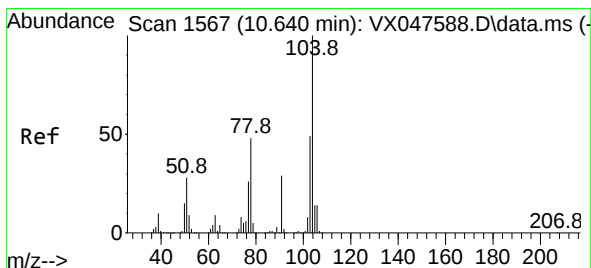
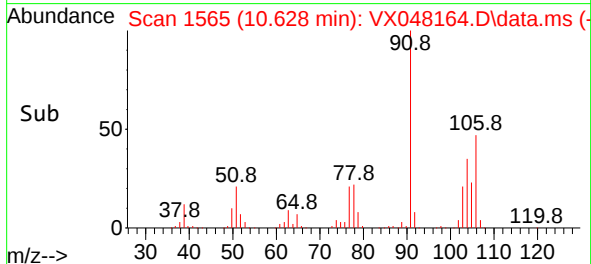
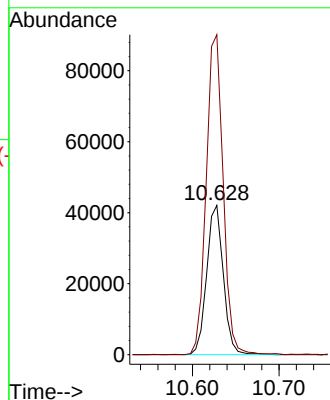
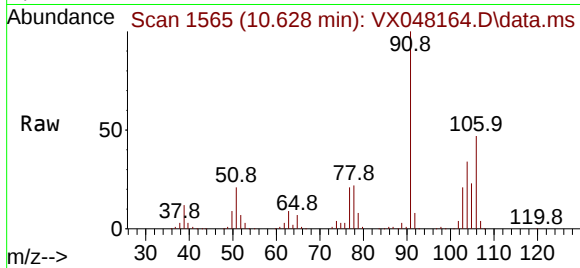
#69
o-Xylene
Concen: 19.541 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion:106 Resp: 5612
Ion Ratio Lower Upper
106 100
91 218.4 111.1 333.4

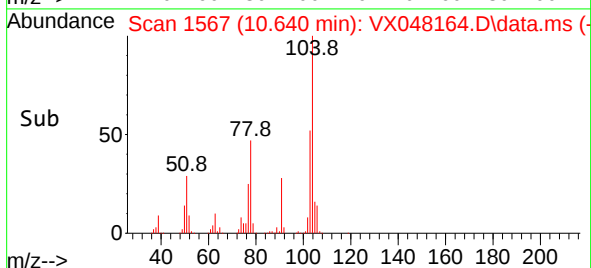
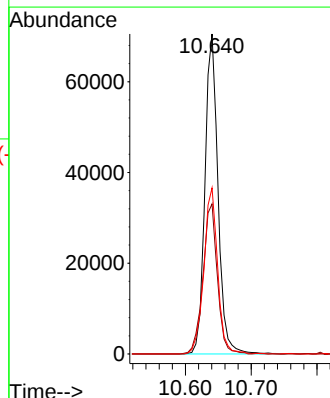
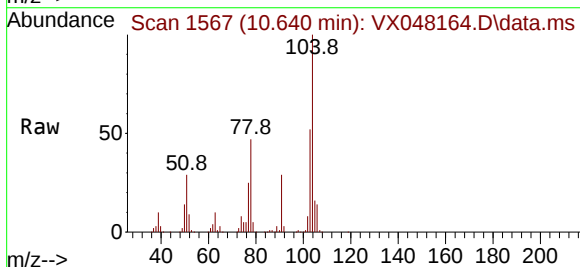
Manual Integrations
APPROVED

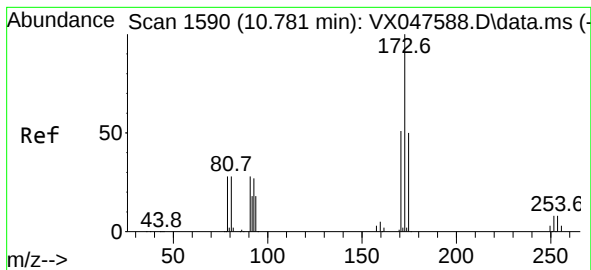
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#70
Styrene
Concen: 19.307 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion:104 Resp: 97163
Ion Ratio Lower Upper
104 100
78 51.9 43.1 64.7
103 54.8 43.1 64.7





#71

Bromoform

Concen: 21.247 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

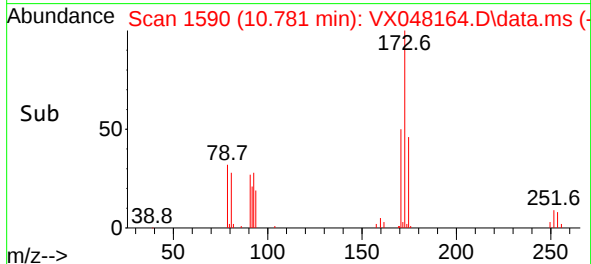
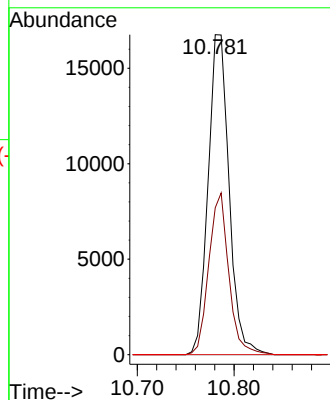
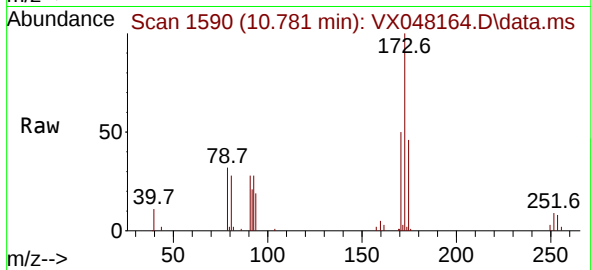
Tgt Ion:173 Resp: 25312
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

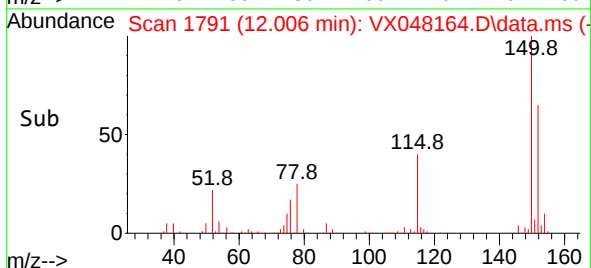
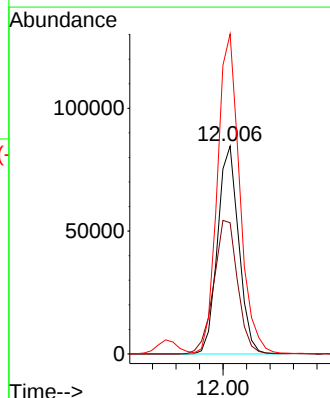
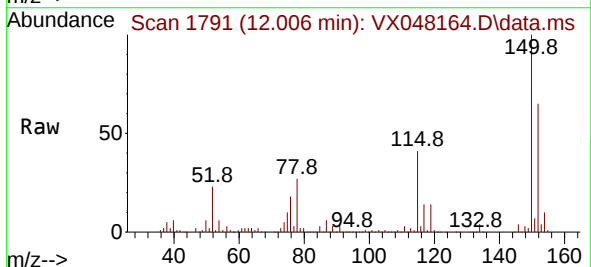
RT: 12.006 min Scan# 1791

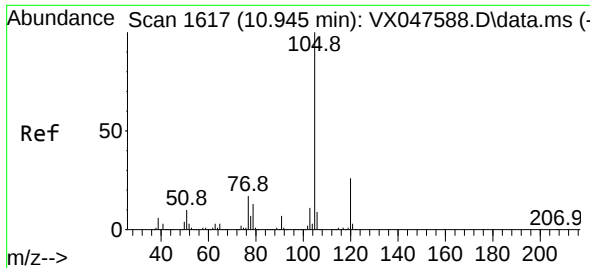
Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

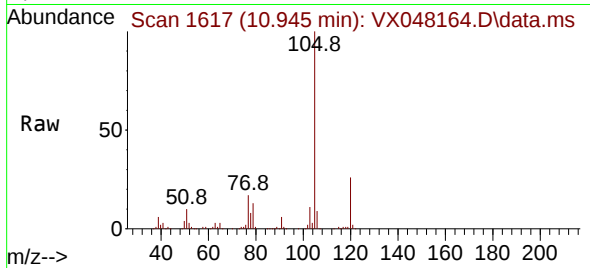
Tgt Ion:152 Resp: 105658
 Ion Ratio Lower Upper
 152 100
 115 72.8 44.9 134.5
 150 163.0 0.0 352.0





#73
Isopropylbenzene
Concen: 18.198 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

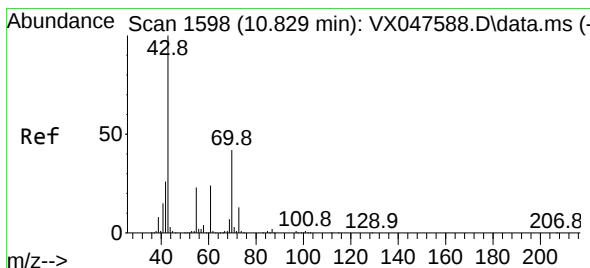
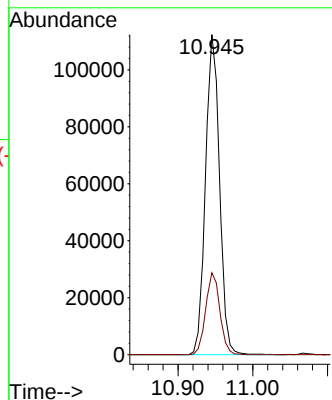
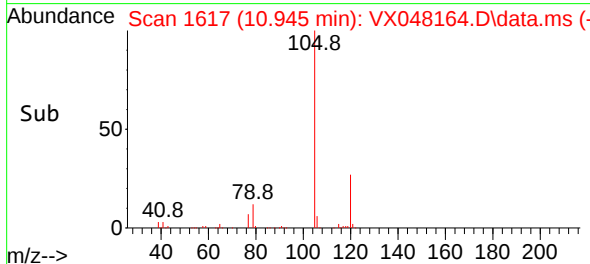
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion:105 Resp: 14618
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

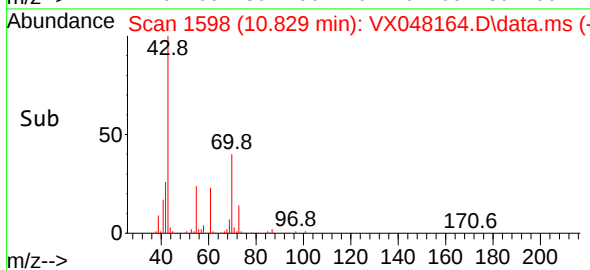
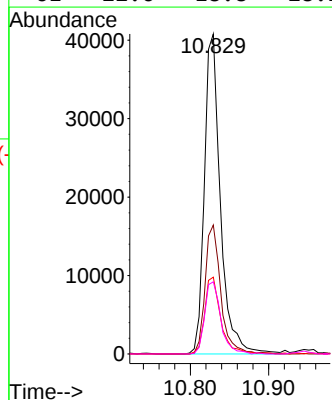
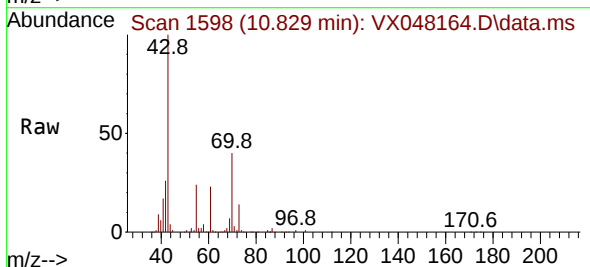
Manual Integrations
APPROVED

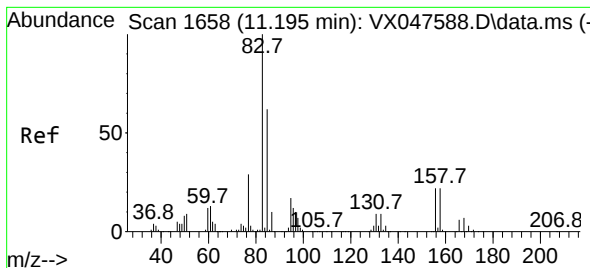
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#74
N-ethyl acetate
Concen: 15.812 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 43 Resp: 57919
Ion Ratio Lower Upper
43 100
70 39.5 32.0 48.0
55 24.3 18.9 28.3
61 22.6 18.8 28.2





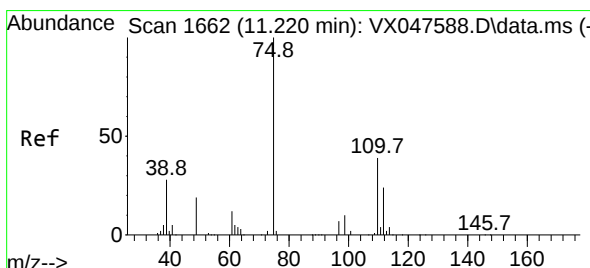
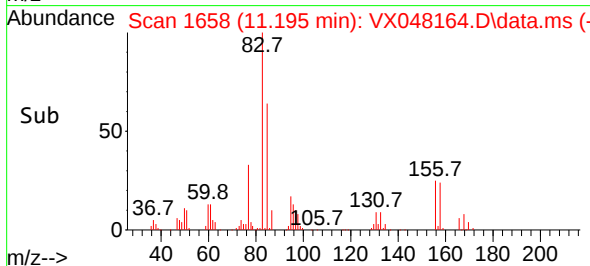
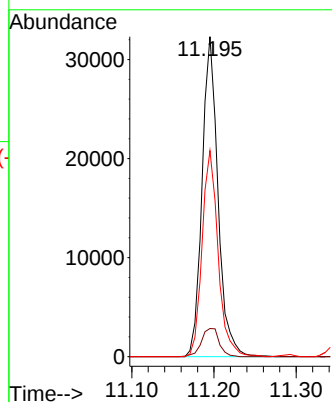
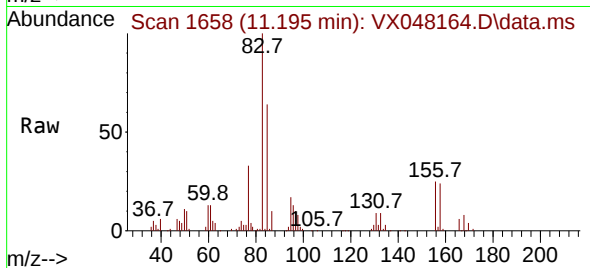
#75
1,1,2,2-Tetrachloroethane
Concen: 17.861 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 83 Resp: 4340
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.8 31.6 95.0

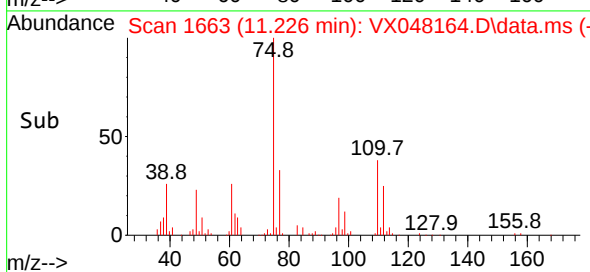
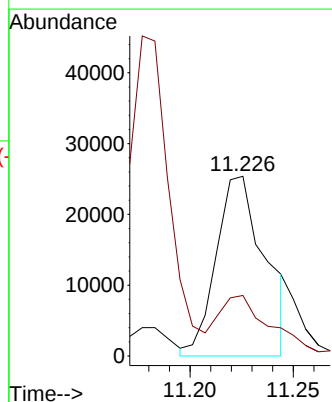
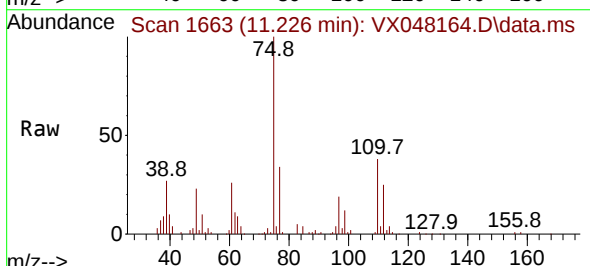
Manual Integrations
APPROVED

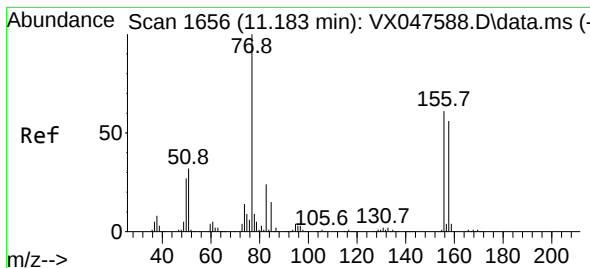
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#76
1,2,3-Trichloropropane
Concen: 19.455 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 75 Resp: 41619
Ion Ratio Lower Upper
75 100
77 36.1 18.8 56.4





#77

Bromobenzene

Concen: 18.100 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

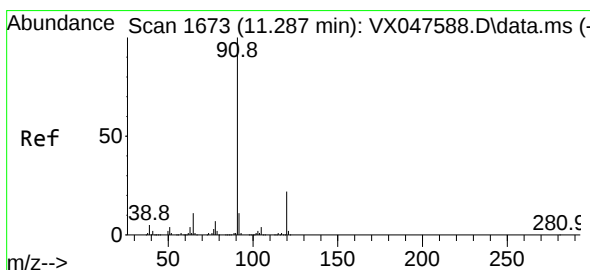
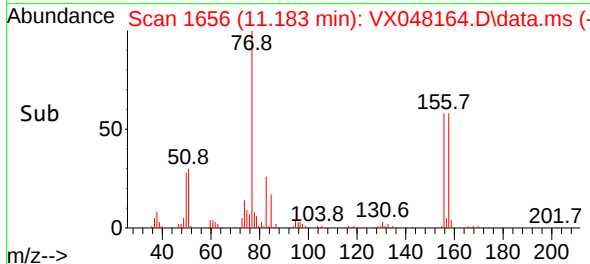
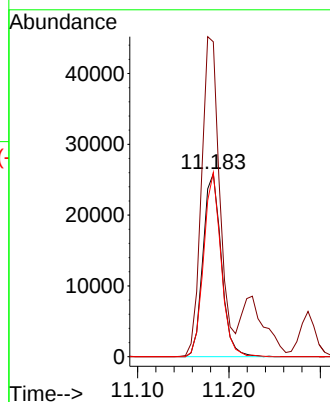
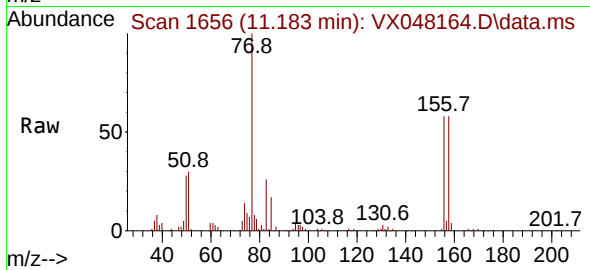
Tgt Ion:	156	Resp:	35809
Ion Ratio	Lower	Upper	
156	100		
77	175.0	89.7	269.1
158	95.8	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#78

n-propylbenzene

Concen: 18.521 ug/l

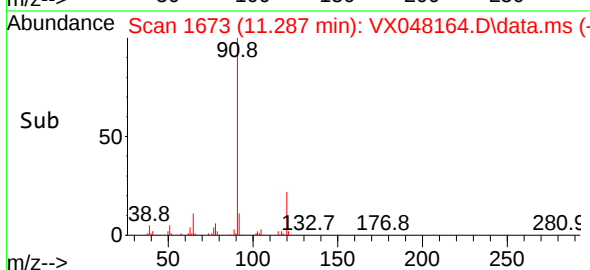
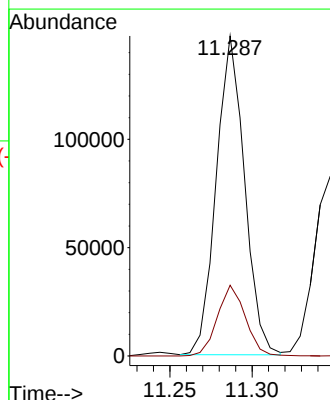
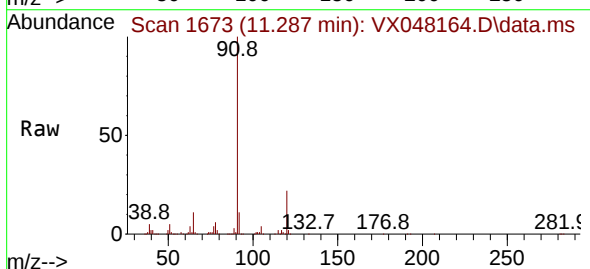
RT: 11.287 min Scan# 1673

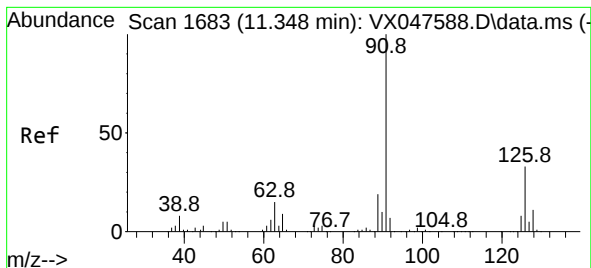
Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Tgt Ion:	91	Resp:	175875
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.1	33.1





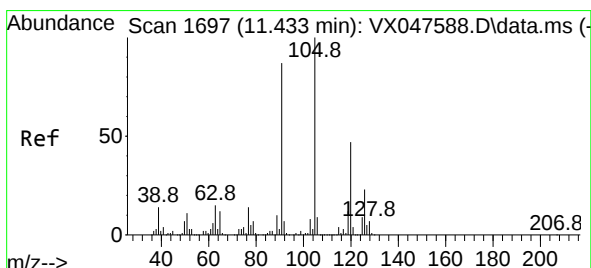
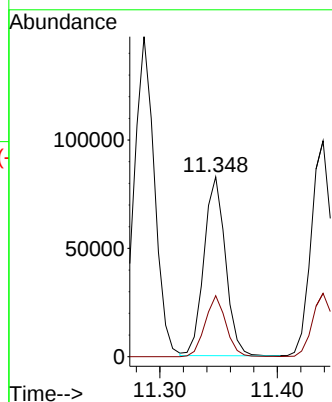
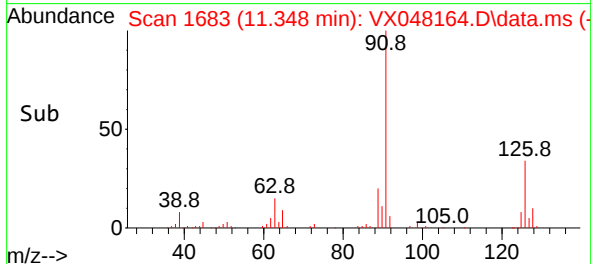
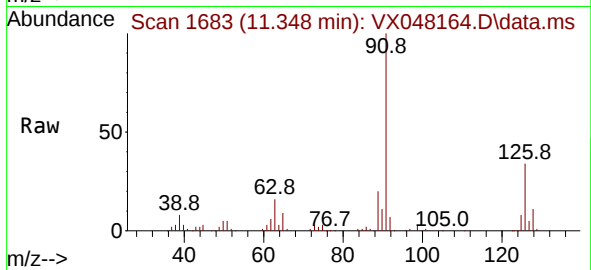
#79
2-Chlorotoluene
Concen: 18.048 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion: 91 Resp: 104969
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.3

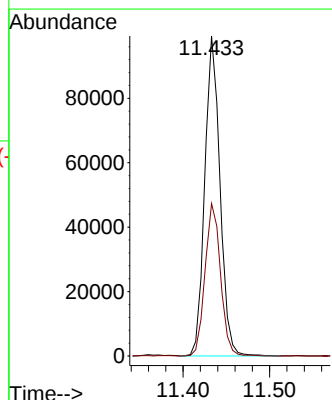
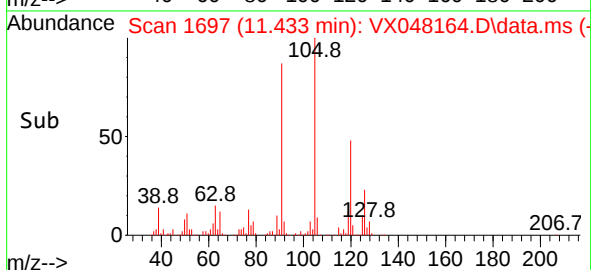
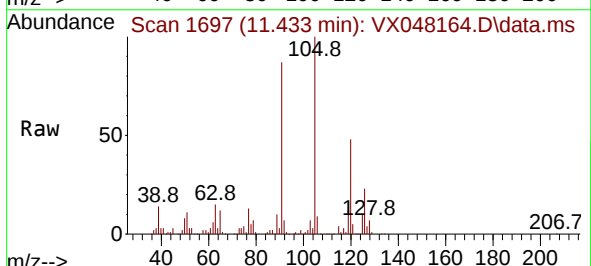
Manual Integrations
APPROVED

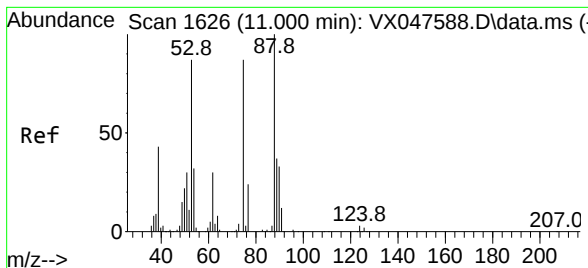
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.362 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

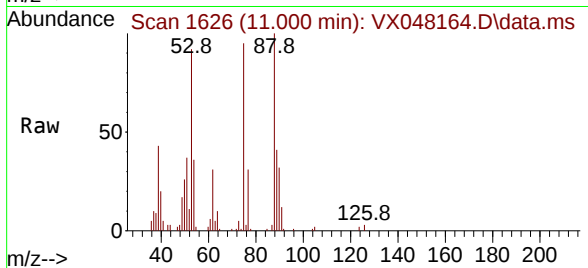
Tgt Ion:105 Resp: 121183
Ion Ratio Lower Upper
105 100
120 48.5 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.200 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

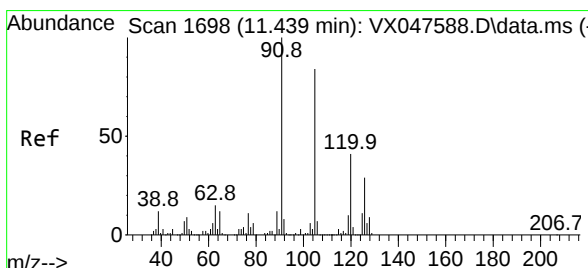
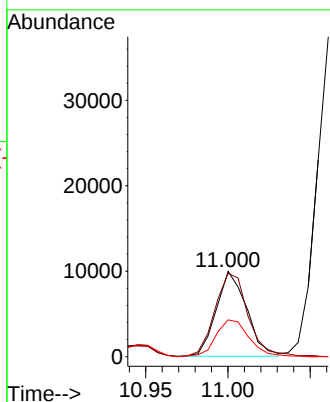
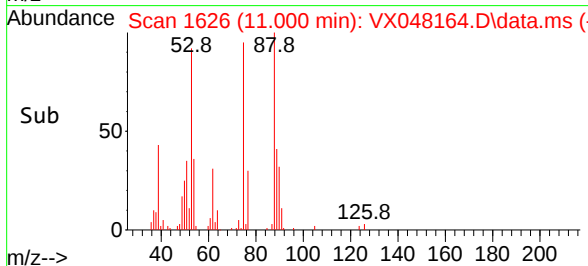
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



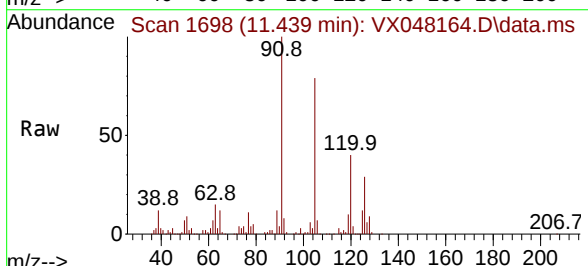
Tgt Ion: 75 Resp: 1275
Ion Ratio Lower Upper
75 100
53 107.8 83.4 125.2
89 47.6 36.3 54.5

Manual Integrations
APPROVED

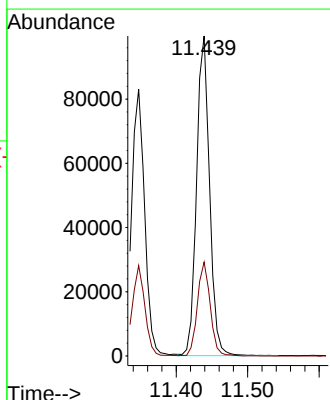
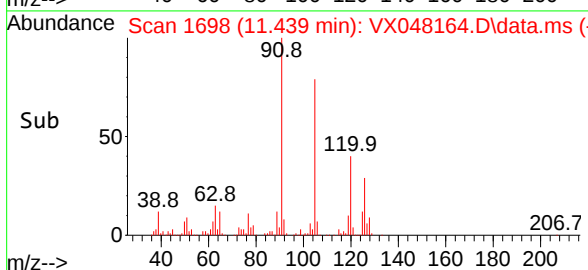
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

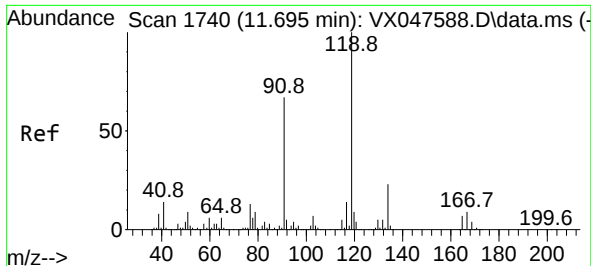


#82
4-Chlorotoluene
Concen: 18.206 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



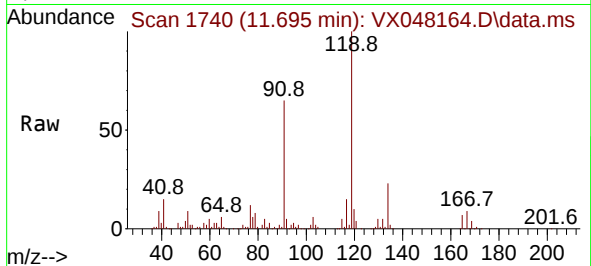
Tgt Ion: 91 Resp: 125056
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 17.680 ug/l
RT: 11.695 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

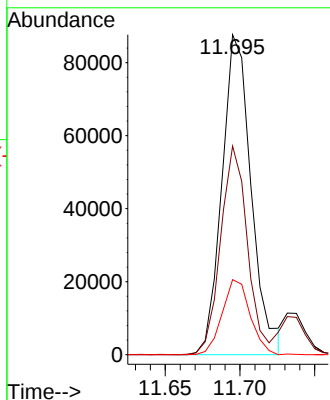
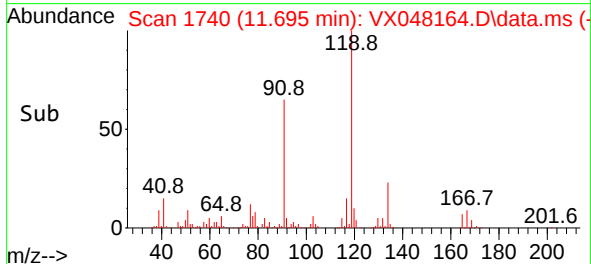
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



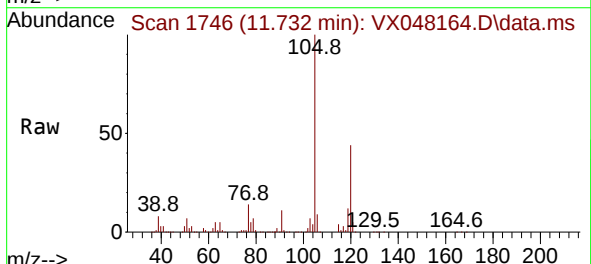
Tgt Ion:119 Resp: 11944
Ion Ratio Lower Upper
119 100
91 59.5 29.6 88.8
134 22.5 11.0 33.0

Manual Integrations
APPROVED

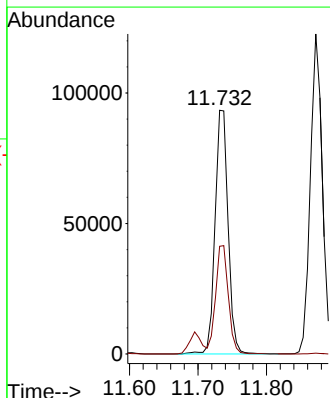
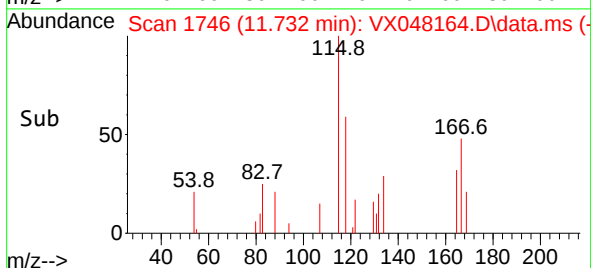
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

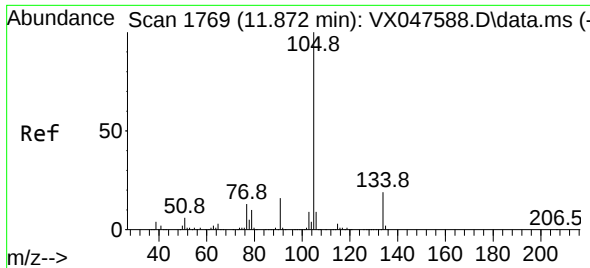


#84
1,2,4-Trimethylbenzene
Concen: 18.322 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



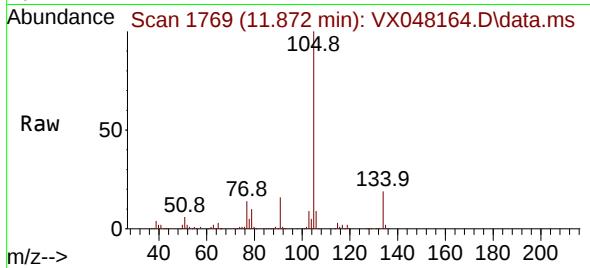
Tgt Ion:105 Resp: 122592
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 18.554 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048164.D
 Acq: 14 Oct 2025 14:31

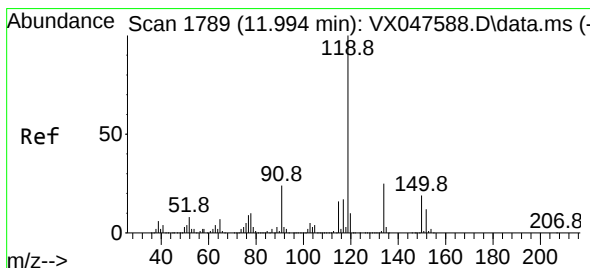
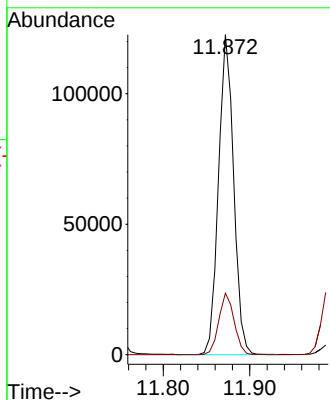
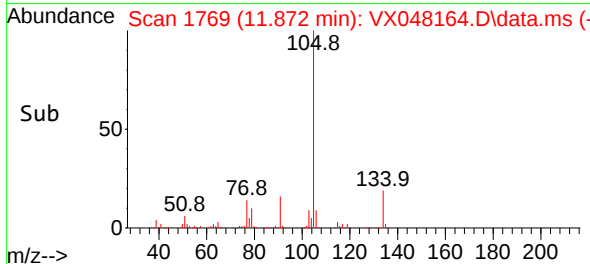
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS02



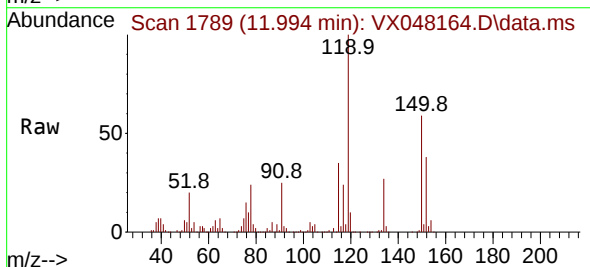
Tgt Ion:105 Resp: 14889
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

Manual Integrations
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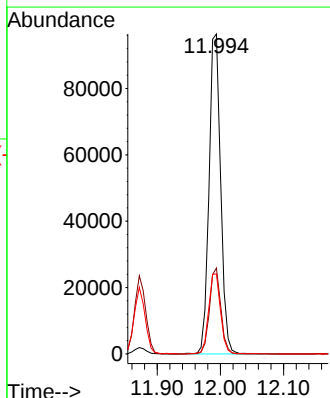
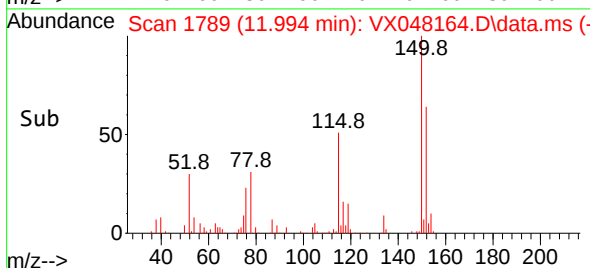
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

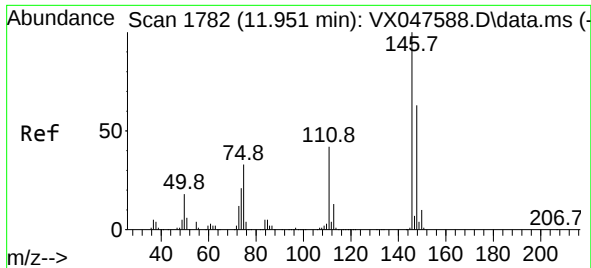


#86
 p-Isopropyltoluene
 Concen: 18.146 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX048164.D
 Acq: 14 Oct 2025 14:31



Tgt Ion:119 Resp: 123278
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 25.7 12.6 37.6





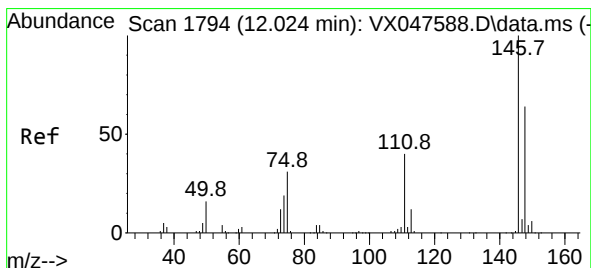
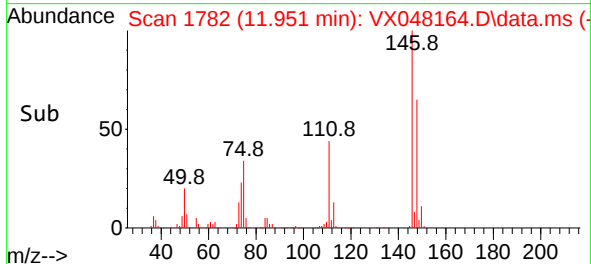
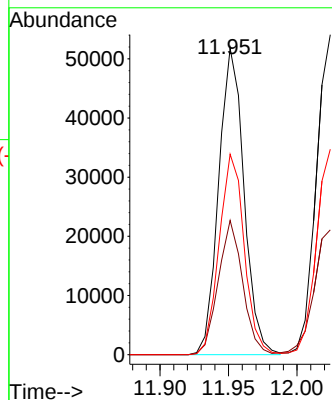
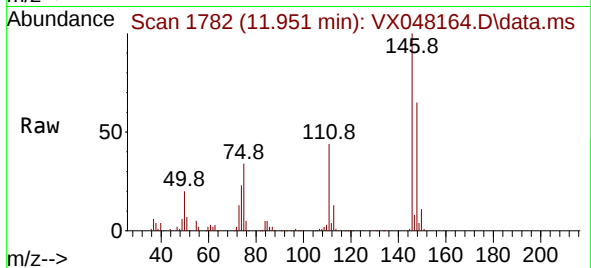
#87
1,3-Dichlorobenzene
Concen: 18.102 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02

Tgt Ion:146 Resp: 66519
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 64.9 32.0 96.0

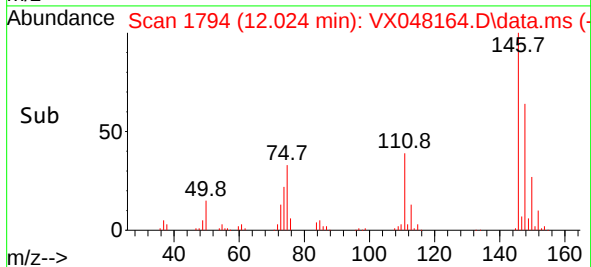
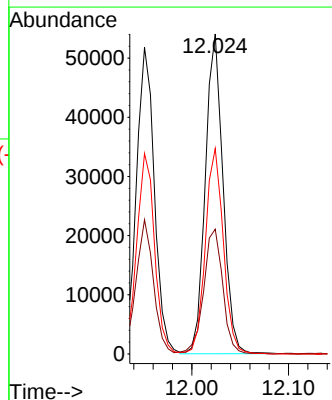
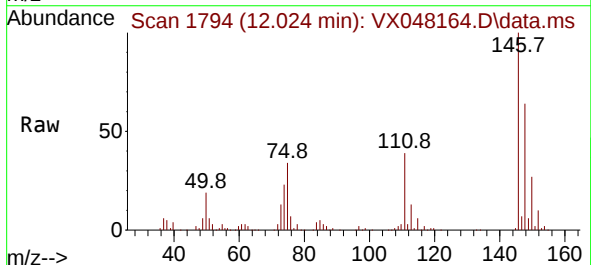
Manual Integrations
APPROVED

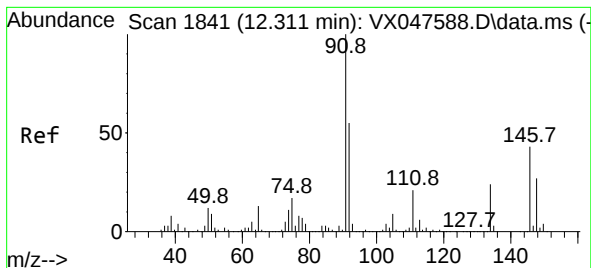
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#88
1,4-Dichlorobenzene
Concen: 18.182 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

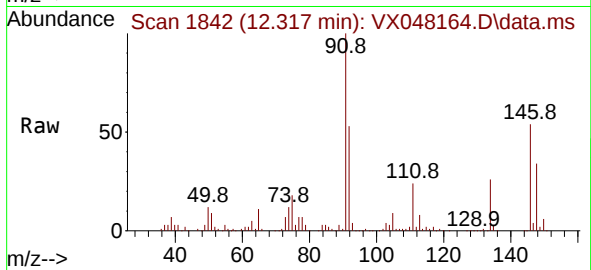
Tgt Ion:146 Resp: 68575
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.4
148 65.5 31.7 95.1





#89
n-Butylbenzene
Concen: 18.293 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

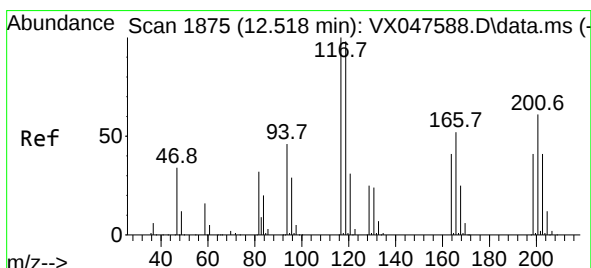
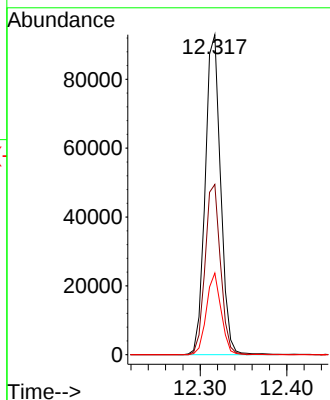
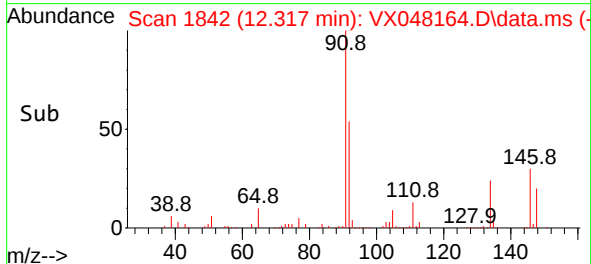
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion: 91 Resp: 114994
Ion Ratio Lower Upper
91 100
92 53.1 27.6 82.7
134 24.4 12.6 37.8

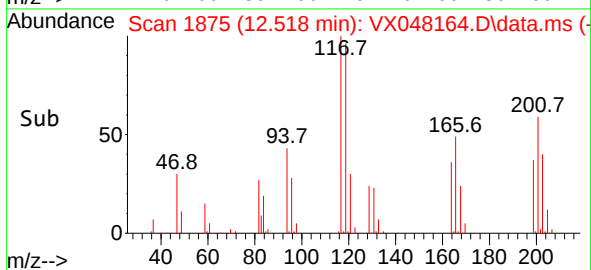
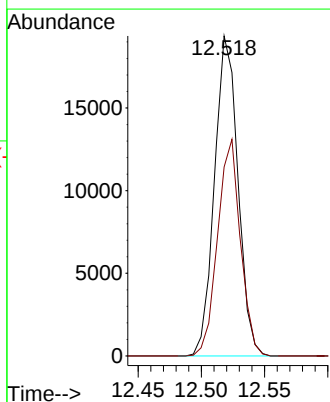
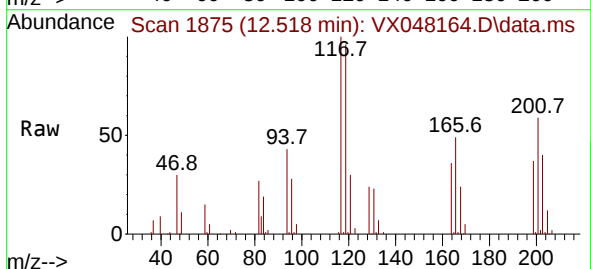
Manual Integrations
APPROVED

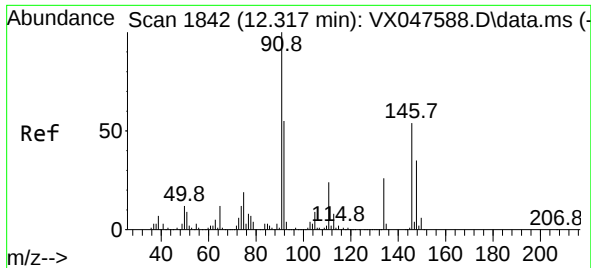
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#90
Hexachloroethane
Concen: 20.898 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

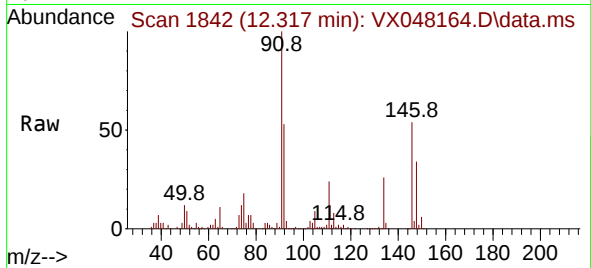
Tgt Ion:117 Resp: 24926
Ion Ratio Lower Upper
117 100
201 65.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 18.304 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

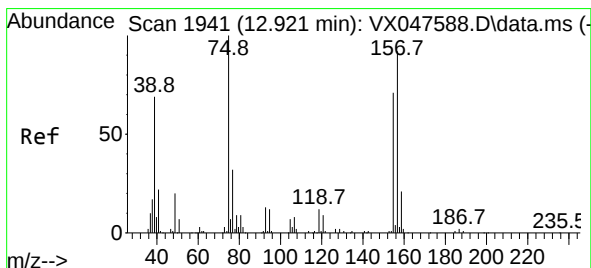
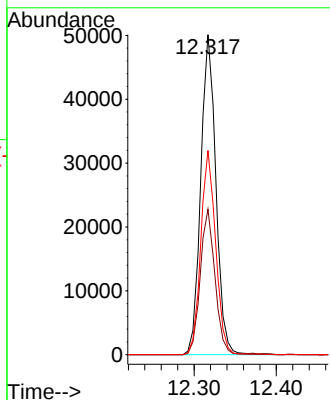
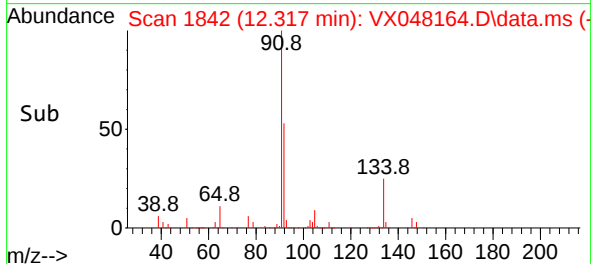
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



Tgt Ion:146 Resp: 6408
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 62.5 31.8 95.4

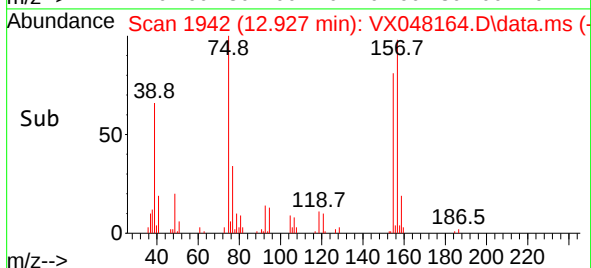
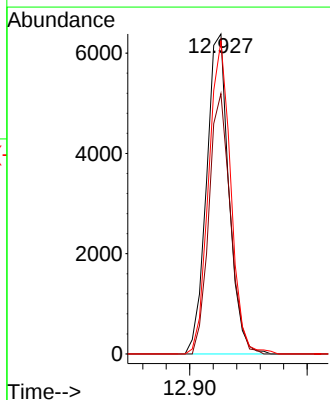
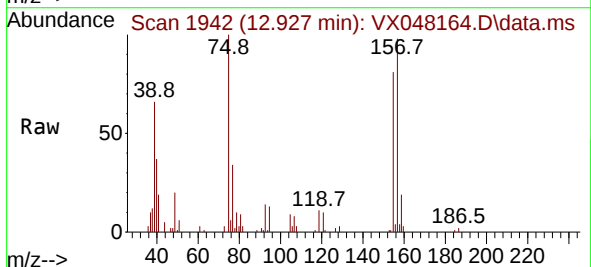
Manual Integrations
APPROVED

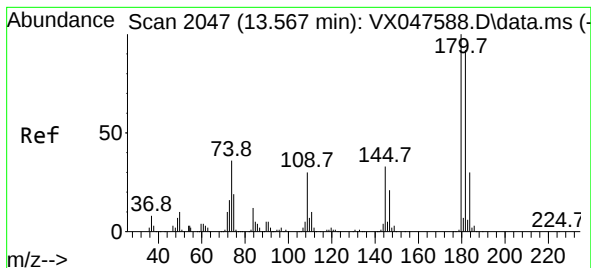
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.155 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

Tgt Ion: 75 Resp: 8441
Ion Ratio Lower Upper
75 100
155 78.1 37.7 113.1
157 96.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 16.800 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS02

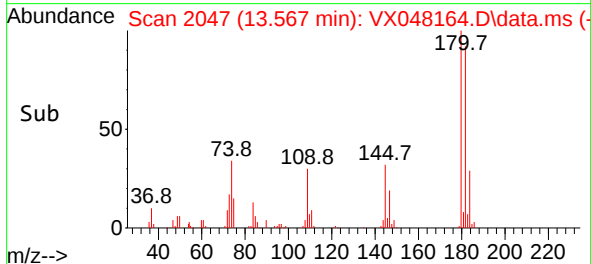
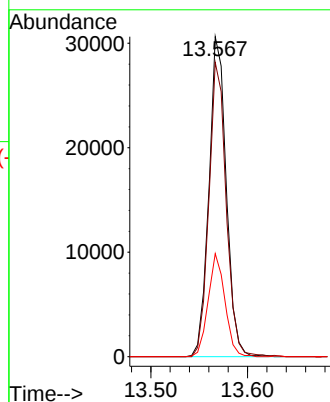
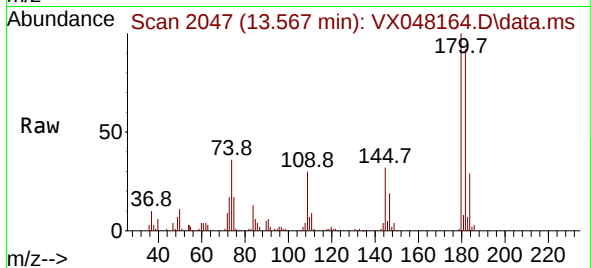
Tgt Ion:180	Resp:	38220
Ion Ratio	Lower	Upper
180	100	
182	91.8	46.6 139.8
145	31.2	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#94

Hexachlorobutadiene

Concen: 19.702 ug/l

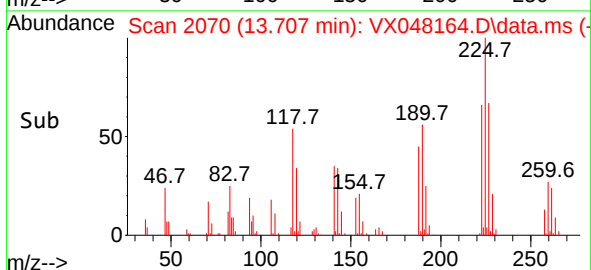
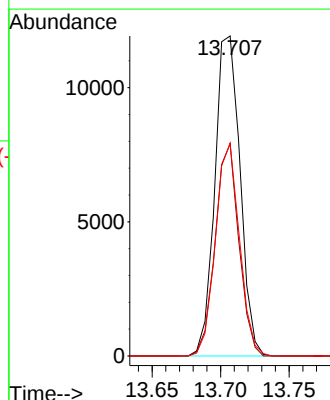
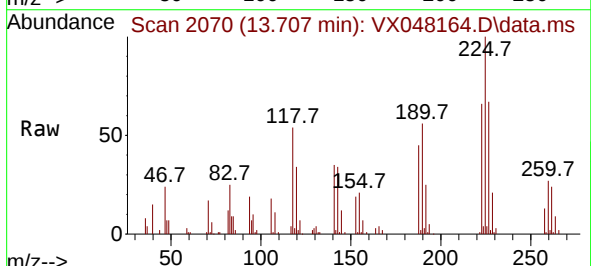
RT: 13.707 min Scan# 2070

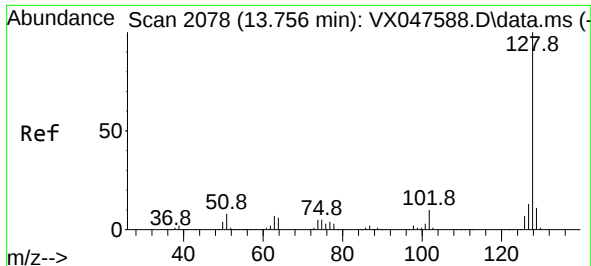
Delta R.T. -0.000 min

Lab File: VX048164.D

Acq: 14 Oct 2025 14:31

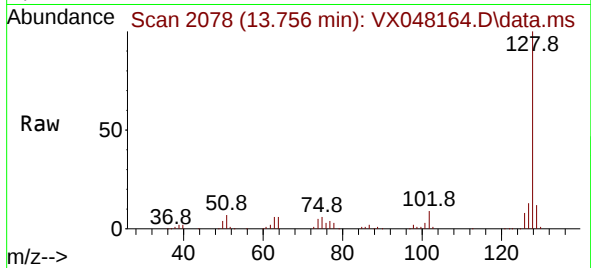
Tgt Ion:225	Resp:	15227
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.7 95.1
227	63.3	32.0 96.0





#95
Naphthalene
Concen: 15.597 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31

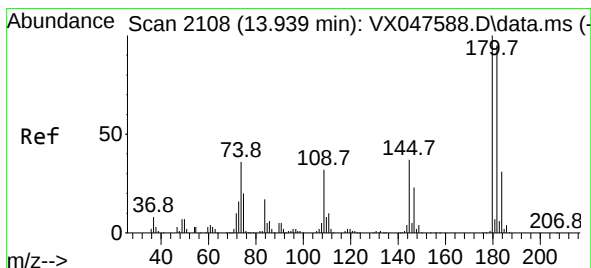
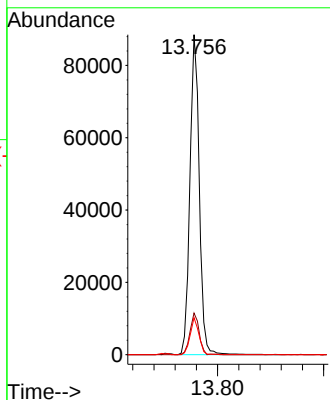
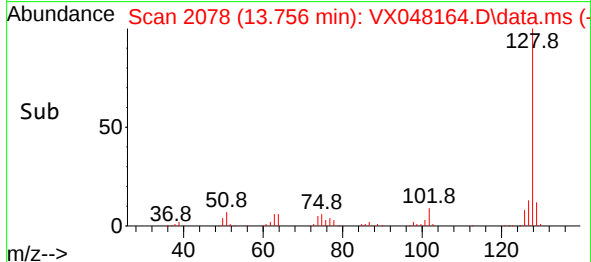
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS02



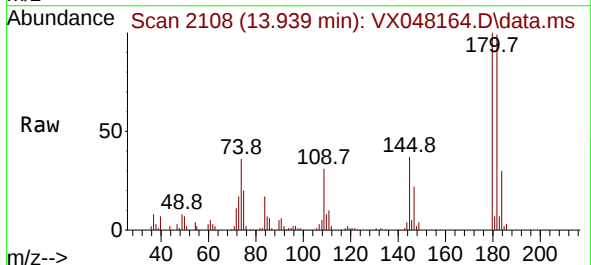
Tgt Ion:128 Resp: 108064
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.956 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048164.D
Acq: 14 Oct 2025 14:31



Tgt Ion:180 Resp: 35888
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.8
145 35.7 17.9 53.7

