

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048322.D
 Acq On : 23 Oct 2025 14:04
 Operator : JC/MD
 Sample : VX1023MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 05:44:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	148510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	256401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107749	51.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.500%			
35) Dibromofluoromethane	5.379	113	68605	39.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 78.380%			
50) Toluene-d8	8.634	98	294704	48.033	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.060%			
62) 4-Bromofluorobenzene	11.061	95	111633	47.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	26604	17.426	ug/l	99
3) Chloromethane	1.300	50	12513	8.781	ug/l	99
4) Vinyl Chloride	1.380	62	34711	26.304	ug/l	98
5) Bromomethane	1.617	94	12837	14.334	ug/l	100
6) Chloroethane	1.697	64	21304	27.474	ug/l	96
7) Trichlorofluoromethane	1.898	101	57147	22.581	ug/l	96
8) Diethyl Ether	2.136	74	20391	28.635	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	32808	20.472	ug/l	100
10) Methyl Iodide	2.459	142	110882	55.037	ug/l	100
11) Tert butyl alcohol	2.940	59	16758	81.059	ug/l	99
12) 1,1-Dichloroethene	2.325	96	31531	20.223	ug/l	98
13) Acrolein	2.233	56	24806	117.648	ug/l	98
14) Allyl chloride	2.666	41	54088	20.895	ug/l	95
15) Acrylonitrile	3.056	53	72502	97.256	ug/l	98
16) Acetone	2.373	43	50013	70.015	ug/l	97
17) Carbon Disulfide	2.520	76	86461	17.595	ug/l	98
18) Methyl Acetate	2.703	43	31148	20.880	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	107093	20.134	ug/l	100
20) Methylene Chloride	2.788	84	34176	19.635	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	33778	19.723	ug/l	97
22) Diisopropyl ether	3.751	45	119166	23.081	ug/l	97
23) Vinyl Acetate	3.715	43	422354	102.407	ug/l	99
24) 1,1-Dichloroethane	3.605	63	65393	20.946	ug/l	99
25) 2-Butanone	4.538	43	78779	87.131	ug/l	100
26) 2,2-Dichloropropane	4.471	77	56945	20.209	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	41247	20.636	ug/l	98
28) Bromochloromethane	4.891	49	28549	22.055	ug/l	99
29) Tetrahydrofuran	4.983	42	53111	98.082	ug/l	97
30) Chloroform	5.086	83	69020	20.693	ug/l	95
31) Cyclohexane	5.458	56	55648	21.530	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	61903	20.138	ug/l	98
36) 1,1-Dichloropropene	5.678	75	47055	18.913	ug/l	98
37) Ethyl Acetate	4.696	43	40533	19.655	ug/l #	96
38) Carbon Tetrachloride	5.665	117	51874	16.900	ug/l	93
39) Methylcyclohexane	7.366	83	53718	18.282	ug/l	99
40) Benzene	6.025	78	137891	19.090	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	21081	19.466	ug/l	96
42) 1,2-Dichloroethane	6.074	62	53095	19.920	ug/l	99
43) Isopropyl Acetate	6.324	43	69818	20.611	ug/l	99
44) Trichloroethene	7.110	130	36149	18.953	ug/l	99
45) 1,2-Dichloropropane	7.415	63	34453	20.061	ug/l	100
46) Dibromomethane	7.568	93	25235	18.861	ug/l	99
47) Bromodichloromethane	7.805	83	52696	18.241	ug/l	97
48) Methyl methacrylate	7.677	41	33827	19.790	ug/l	97
49) 1,4-Dioxane	7.641	88	7608	336.905	ug/l	93
51) 4-Methyl-2-Pentanone	8.555	43	195806	100.257	ug/l	100
52) Toluene	8.702	92	88187	19.218	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	50139	18.010	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	53613	17.850	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	31685	18.567	ug/l	99
56) Ethyl methacrylate	9.104	69	46994	18.827	ug/l	96
57) 1,3-Dichloropropane	9.293	76	57650	19.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	116734	88.084	ug/l	100
59) 2-Hexanone	9.415	43	130253	95.645	ug/l	99
60) Dibromochloromethane	9.506	129	38918	16.968	ug/l	99
61) 1,2-Dibromoethane	9.592	107	33220	18.260	ug/l	98
64) Tetrachloroethene	9.256	164	33701	19.722	ug/l	98
65) Chlorobenzene	10.061	112	97399	18.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	32977	17.436	ug/l	98
67) Ethyl Benzene	10.177	91	169050	19.282	ug/l	100
68) m/p-Xylenes	10.287	106	127301	39.081	ug/l	100
69) o-Xylene	10.622	106	60595	19.268	ug/l	99
70) Styrene	10.640	104	104970	19.603	ug/l	99
71) Bromoform	10.780	173	23388	15.472	ug/l #	99
73) Isopropylbenzene	10.945	105	160038	19.546	ug/l	99
74) N-amyl acetate	10.823	43	62019	21.354	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	40861	18.274	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	36759m	20.221	ug/l	
77) Bromobenzene	11.183	156	39069	19.030	ug/l	99
78) n-propylbenzene	11.286	91	192019	20.255	ug/l	100
79) 2-Chlorotoluene	11.347	91	112688	19.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	131829	19.456	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	8584	11.488	ug/l #	71
82) 4-Chlorotoluene	11.439	91	135097	19.800	ug/l	99
83) tert-Butylbenzene	11.695	119	130839	18.794	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	132868	19.649	ug/l	100
85) sec-Butylbenzene	11.872	105	160291	19.137	ug/l	100
86) p-Isopropyltoluene	11.994	119	136680	18.879	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	73026	18.868	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	74147	18.493	ug/l	98
89) n-Butylbenzene	12.317	91	124593	18.908	ug/l	99
90) Hexachloroethane	12.518	117	21276	14.882	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	68315	18.800	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	8314	18.318	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	44794	18.228	ug/l	100
94) Hexachlorobutadiene	13.707	225	16005	17.424	ug/l	99
95) Naphthalene	13.756	128	124458	19.116	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	40820	18.102	ug/l	98

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QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

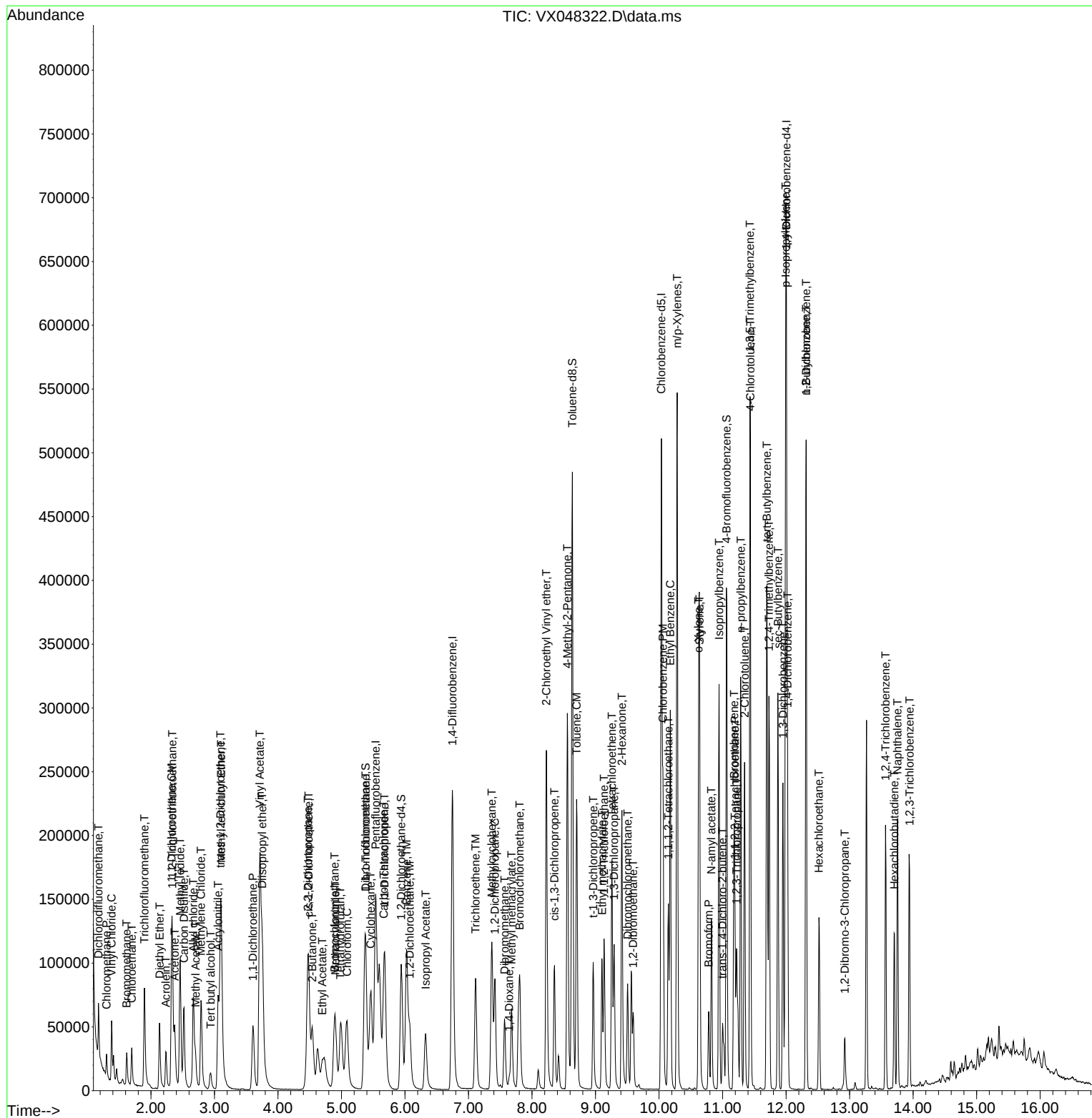
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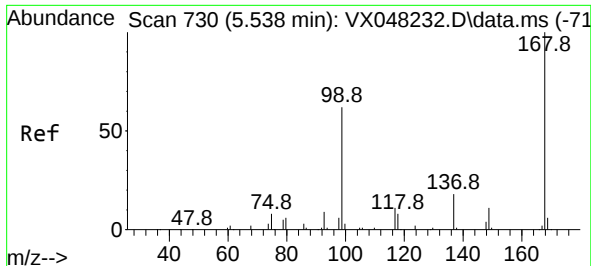
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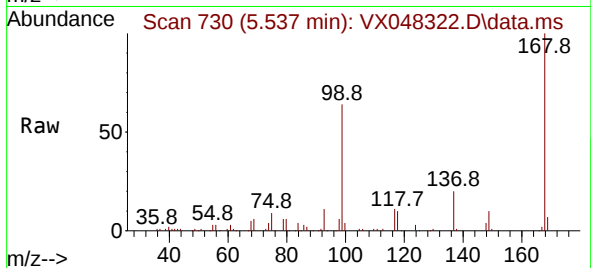
Reviewed By :John Carlone 10/24/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

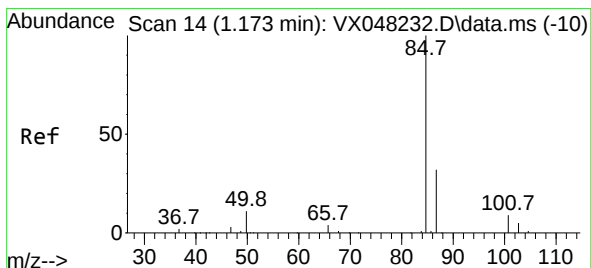
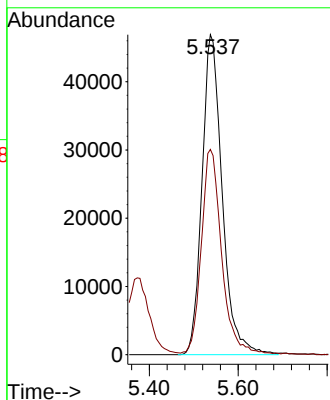
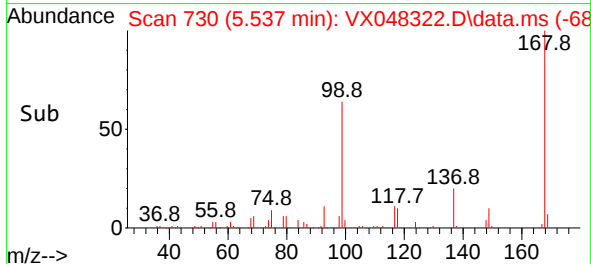
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion:168 Resp: 148510
Ion Ratio Lower Upper
168 100
99 63.8 46.4 69.6

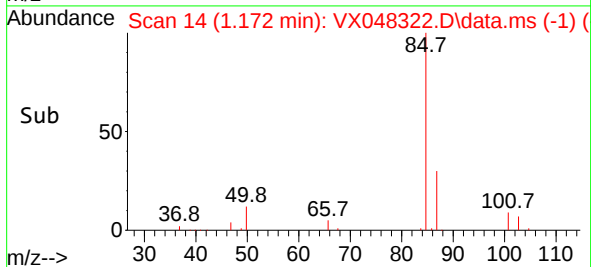
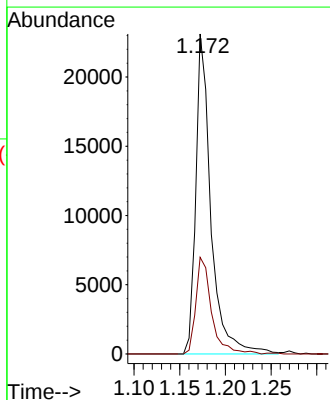
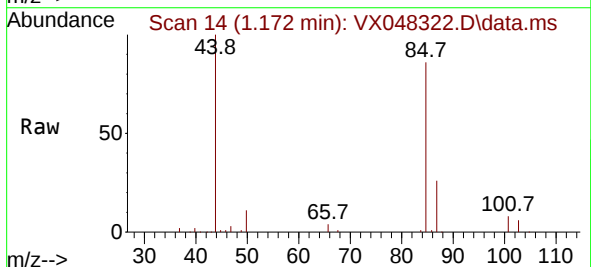
Manual Integrations
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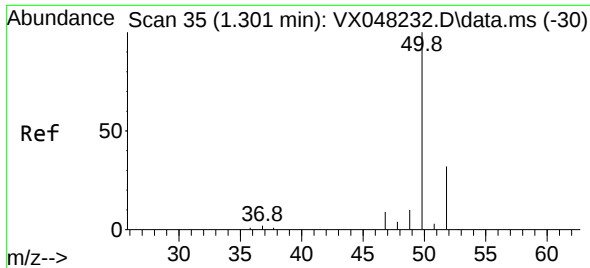
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 17.426 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 85 Resp: 26604
Ion Ratio Lower Upper
85 100
87 30.2 15.3 45.9





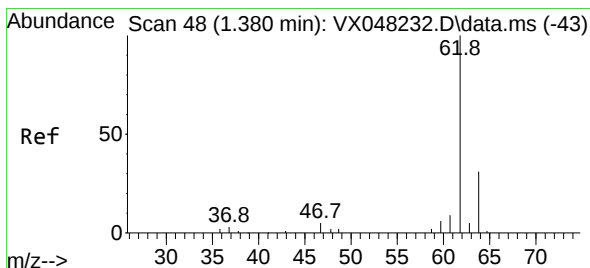
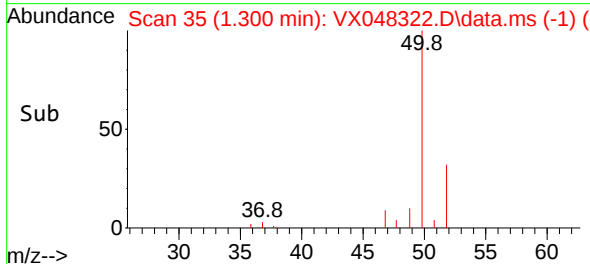
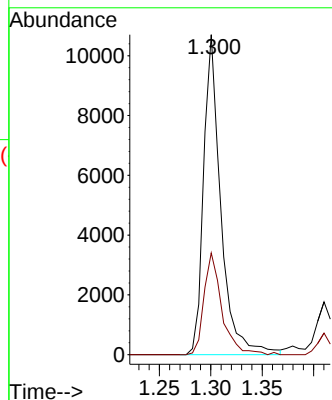
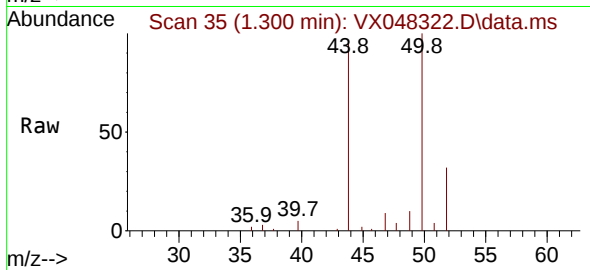
#3
Chloromethane
Concen: 8.781 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 1251
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9

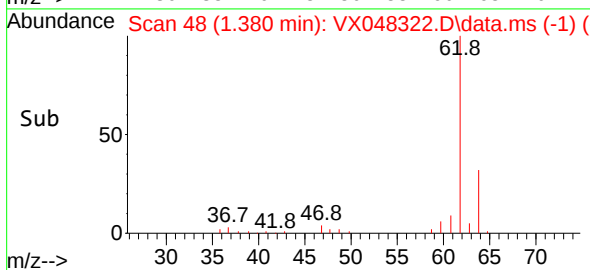
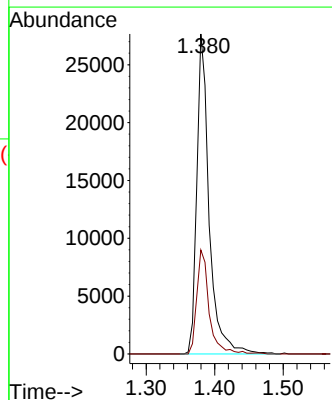
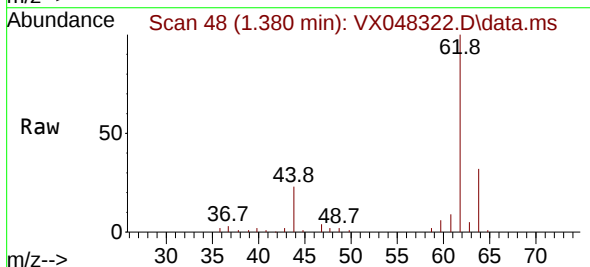
Manual Integrations
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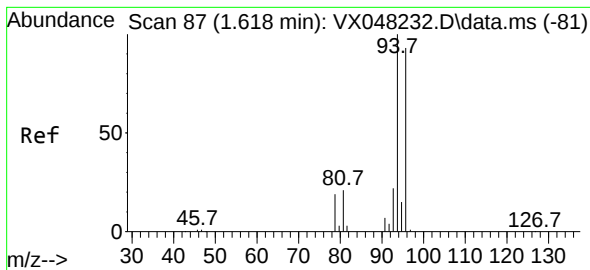
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 26.304 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 62 Resp: 34711
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7





#5

Bromomethane

Concen: 14.334 ug/l

RT: 1.617 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion: 94 Resp: 1283

Ion Ratio Lower Upper

94 100

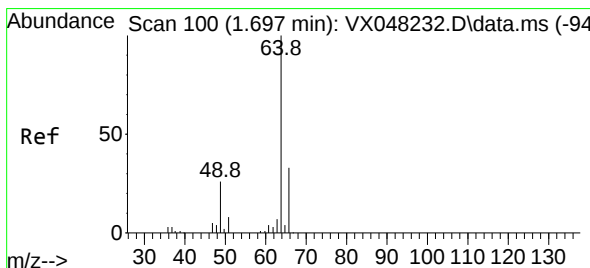
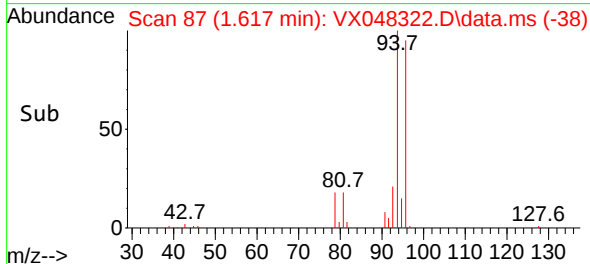
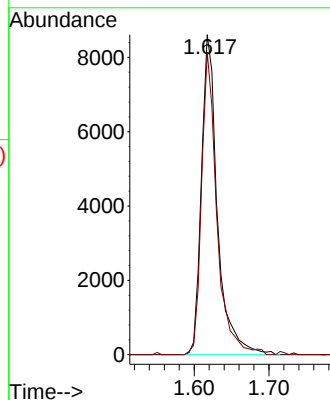
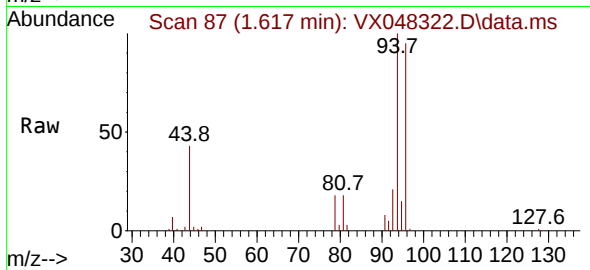
96 94.6 76.0 114.0

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2025



#6

Chloroethane

Concen: 27.474 ug/l

RT: 1.697 min Scan# 100

Delta R.T. -0.000 min

Lab File: VX048322.D

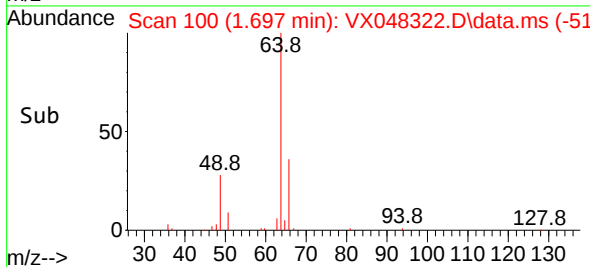
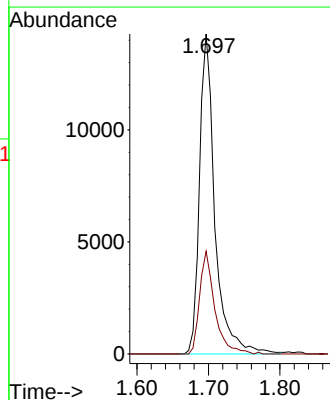
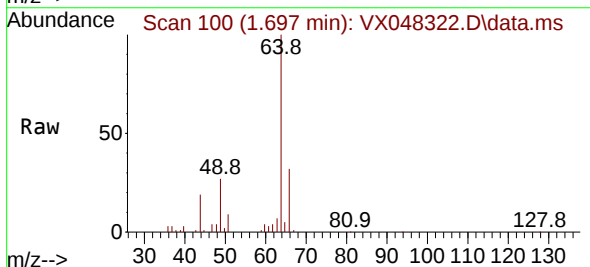
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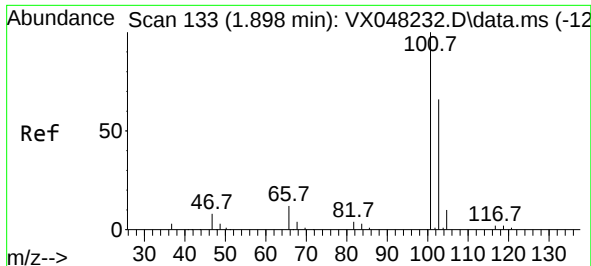
Tgt Ion: 64 Resp: 21304

Ion Ratio Lower Upper

64 100

66 32.1 23.9 35.9





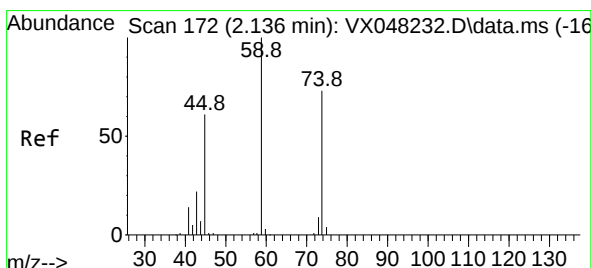
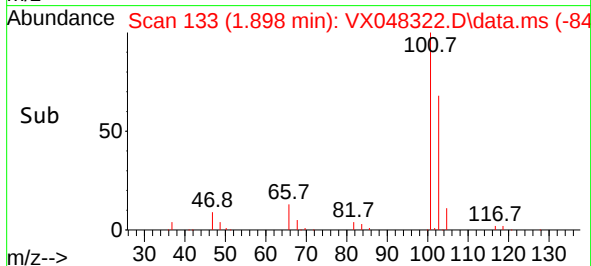
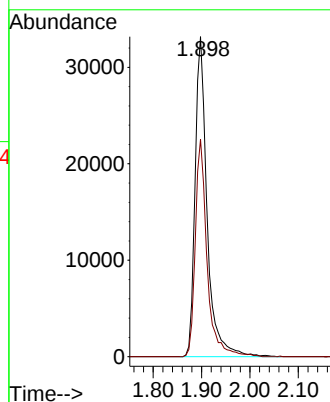
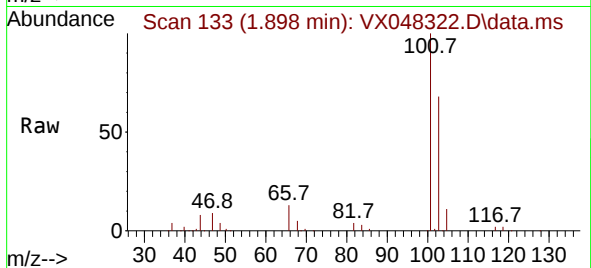
#7
 Trichlorofluoromethane
 Concen: 22.581 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048322.D
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Instrument :
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Tgt Ion:101 Resp: 5714
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.6 77.4

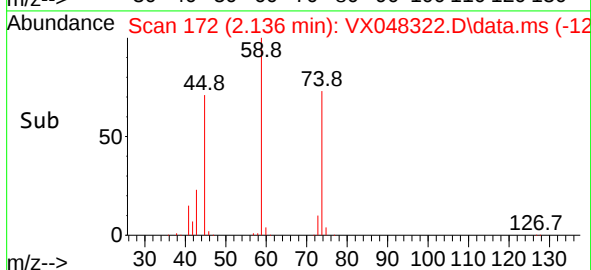
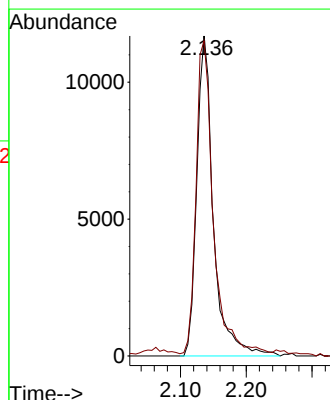
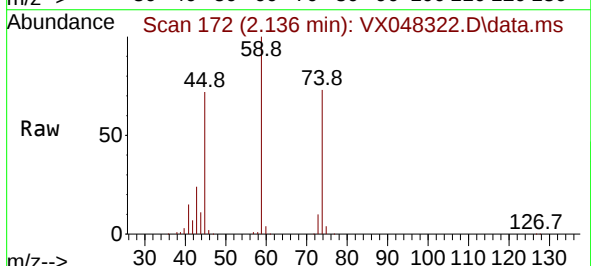
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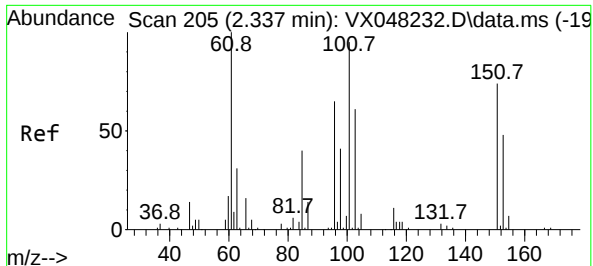
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#8
 Diethyl Ether
 Concen: 28.635 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048322.D
 Acq: 23 Oct 2025 14:04

Tgt Ion: 74 Resp: 20391
 Ion Ratio Lower Upper
 74 100
 45 104.2 50.0 149.8





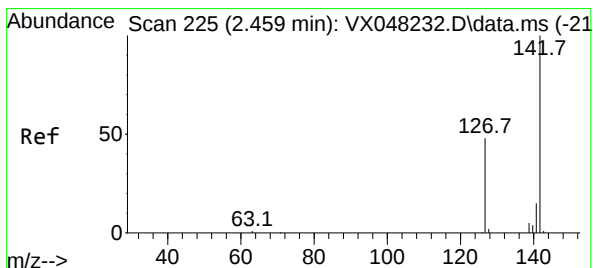
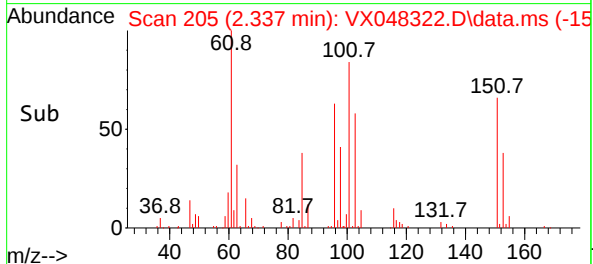
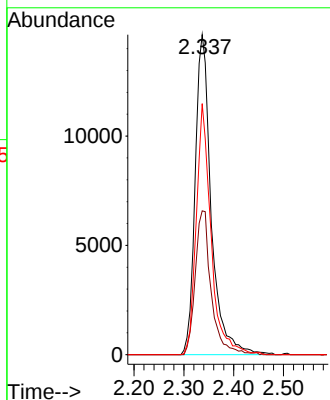
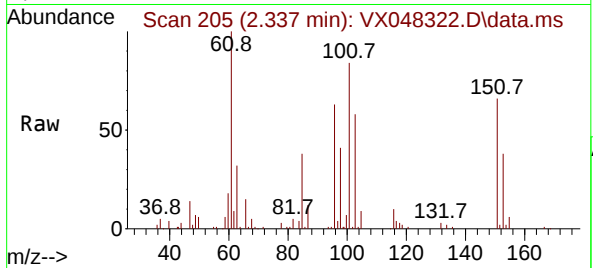
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.472 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion:101 Resp: 32808
Ion Ratio Lower Upper
101 100
85 44.8 35.6 53.4
151 72.3 58.0 87.0

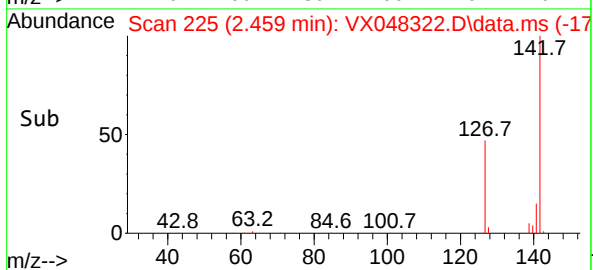
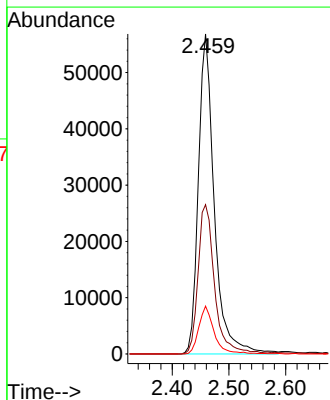
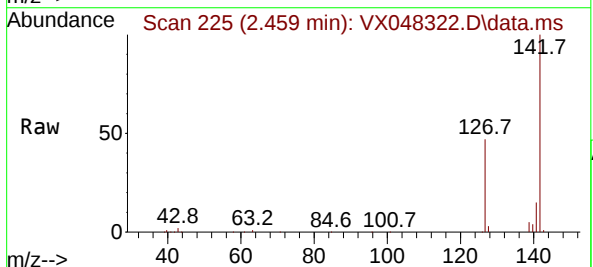
Manual Integrations
APPROVED

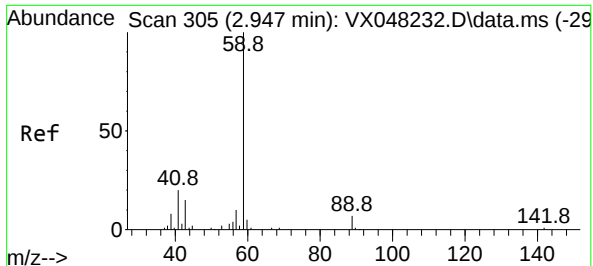
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 55.037 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

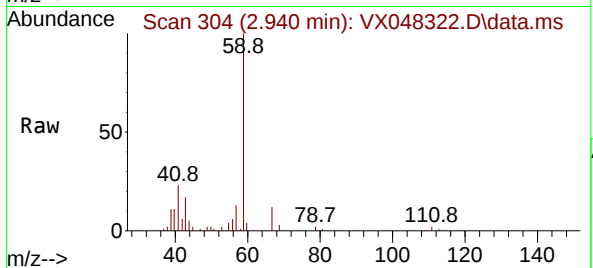
Tgt Ion:142 Resp: 110882
Ion Ratio Lower Upper
142 100
127 48.3 38.5 57.7
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 81.059 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

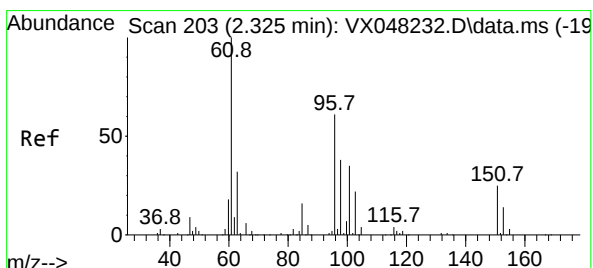
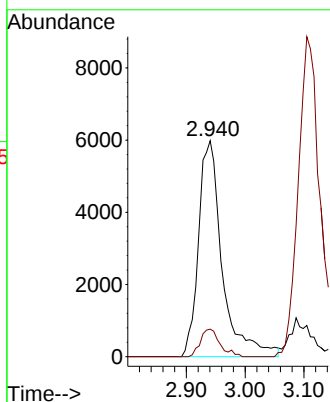
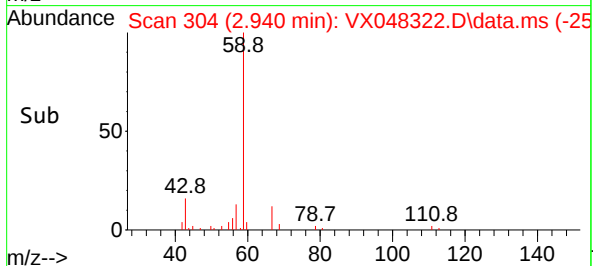
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 59 Resp: 16758
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

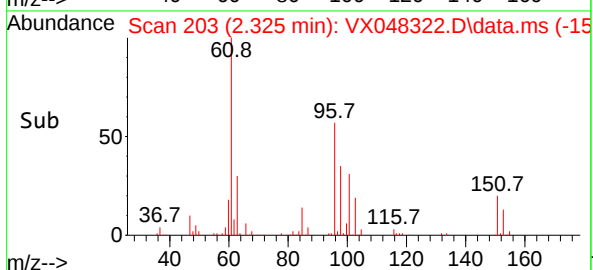
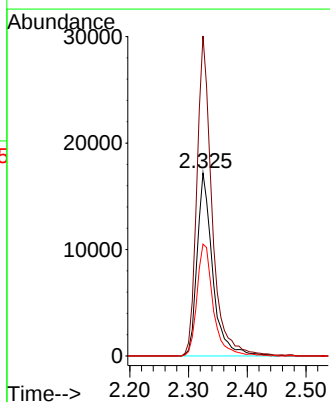
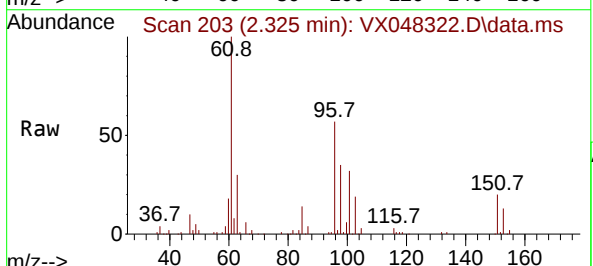
Manual Integrations
APPROVED

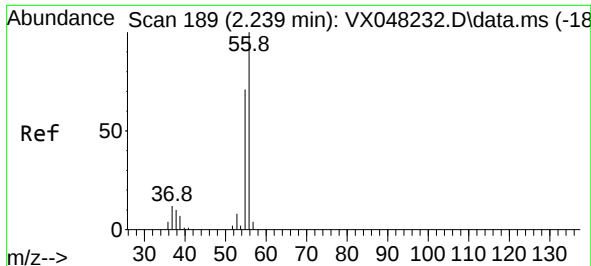
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 20.223 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 96 Resp: 31531
Ion Ratio Lower Upper
96 100
61 175.0 139.0 208.6
98 61.2 52.4 78.6





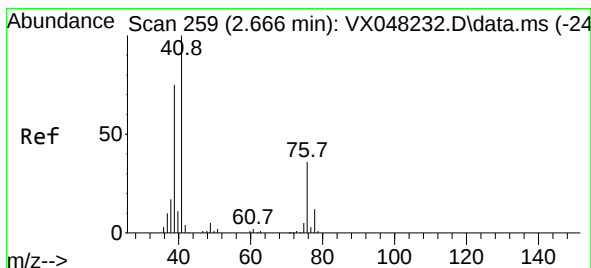
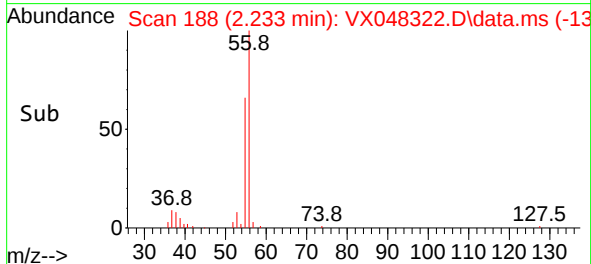
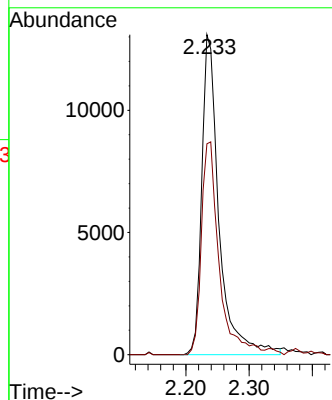
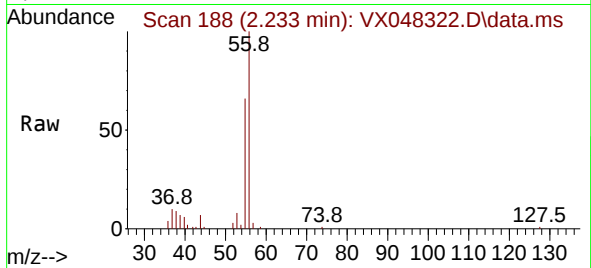
#13
Acrolein
Concen: 117.648 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 56 Resp: 24800
Ion Ratio Lower Upper
56 100
55 68.4 56.1 84.1

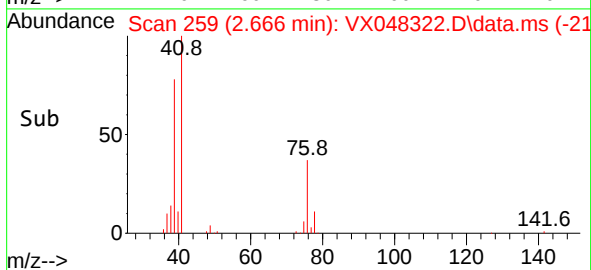
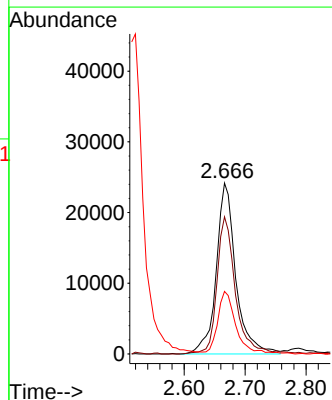
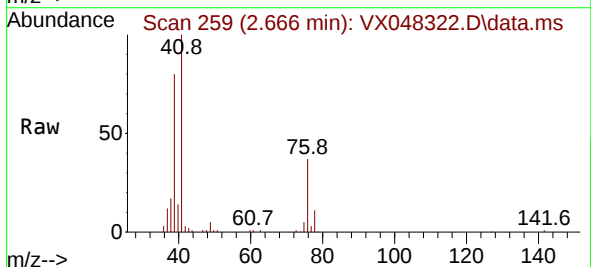
Manual Integrations
APPROVED

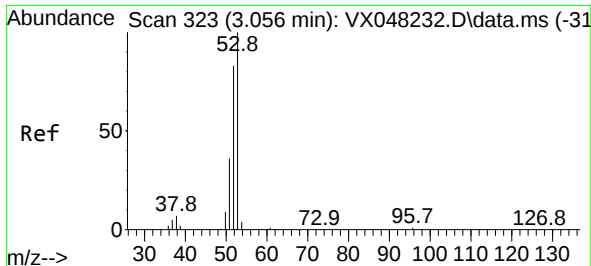
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 20.895 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

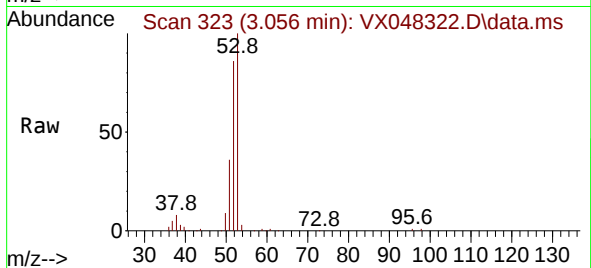
Tgt Ion: 41 Resp: 54088
Ion Ratio Lower Upper
41 100
39 76.1 56.0 84.0
76 34.2 27.5 41.3





#15
Acrylonitrile
Concen: 97.256 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

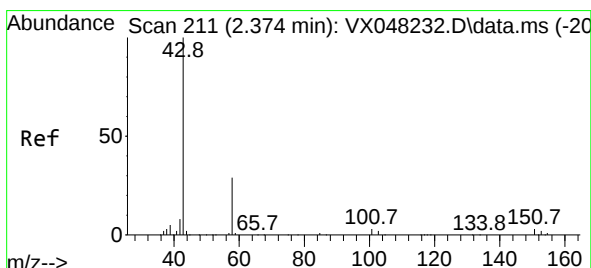
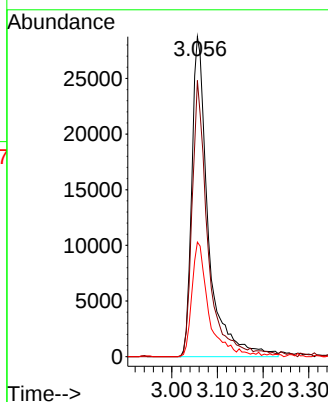
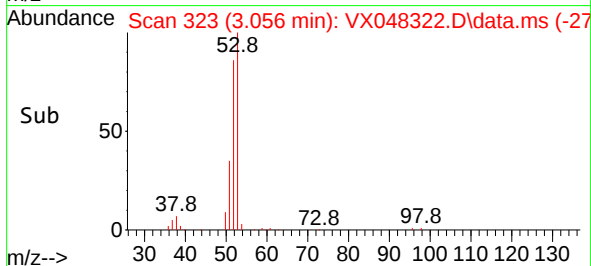
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 53 Resp: 7250
Ion Ratio Lower Upper
53 100
52 80.8 66.1 99.1
51 35.2 29.0 43.4

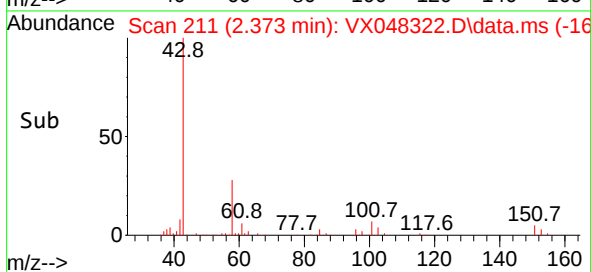
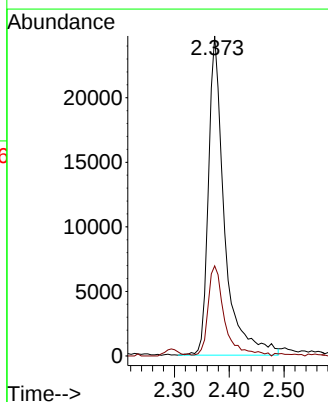
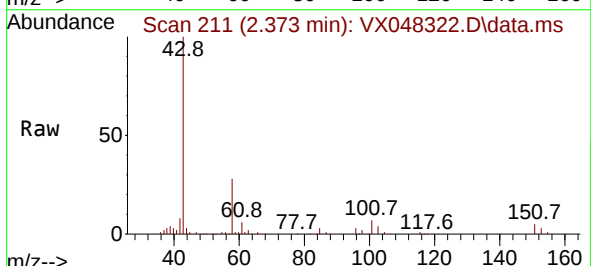
Manual Integrations
APPROVED

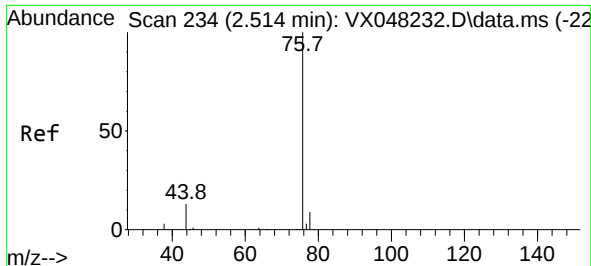
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 70.015 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 43 Resp: 50013
Ion Ratio Lower Upper
43 100
58 27.6 23.4 35.2





#17

Carbon Disulfide

Concen: 17.595 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion: 76 Resp: 8646

Ion Ratio Lower Upper

76 100

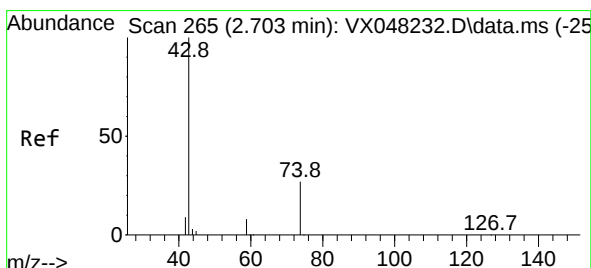
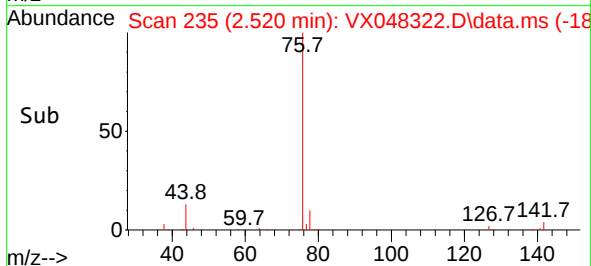
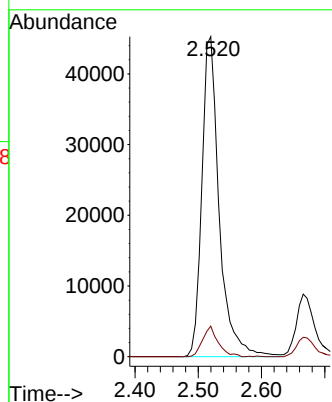
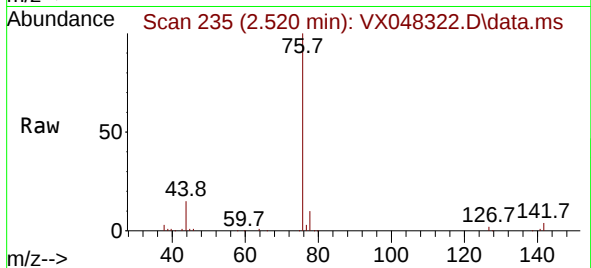
78 9.5 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#18

Methyl Acetate

Concen: 20.880 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX048322.D

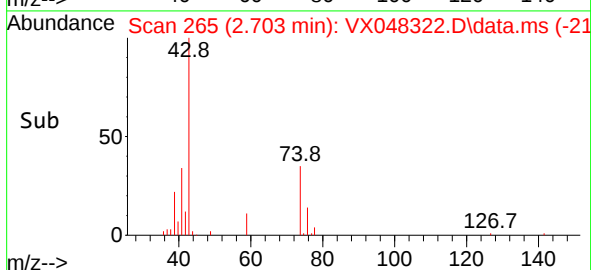
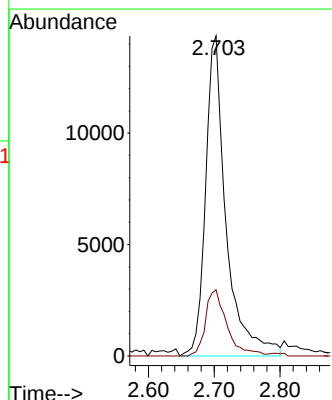
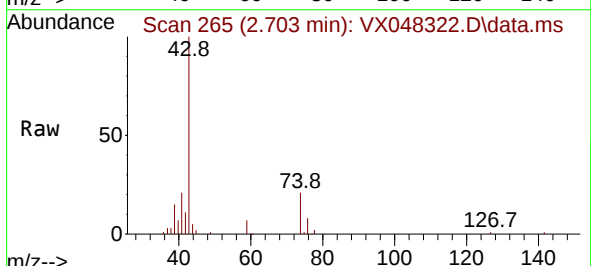
Acq: 23 Oct 2025 14:04

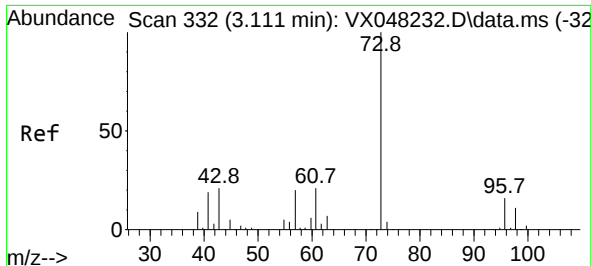
Tgt Ion: 43 Resp: 31148

Ion Ratio Lower Upper

43 100

74 21.7 17.5 26.3





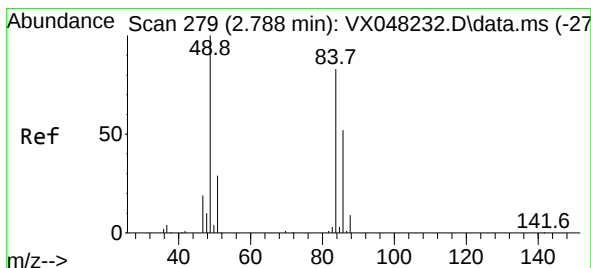
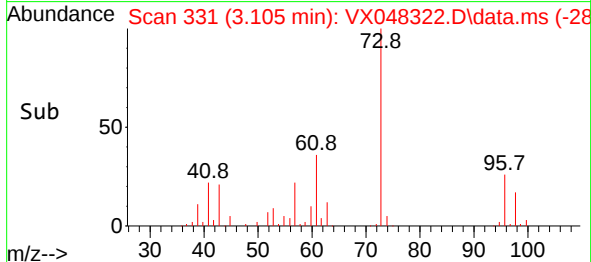
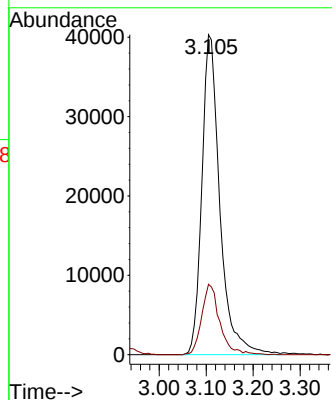
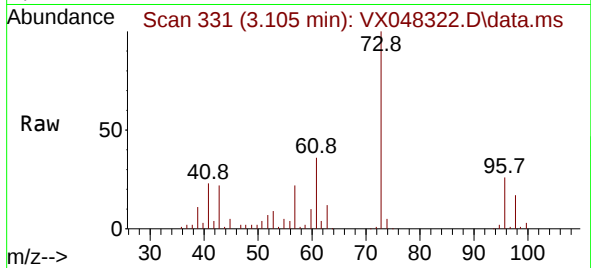
#19
Methyl tert-butyl Ether
Concen: 20.134 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 73 Resp: 10709
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

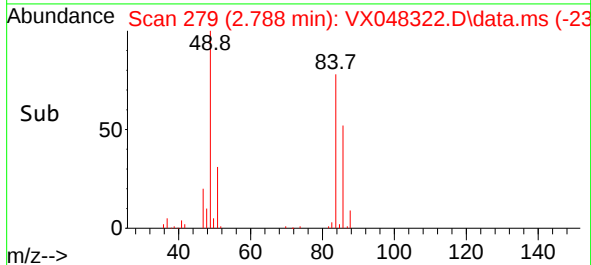
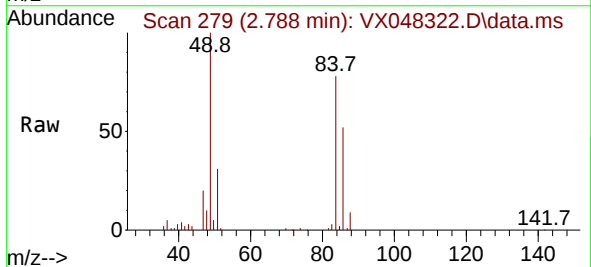
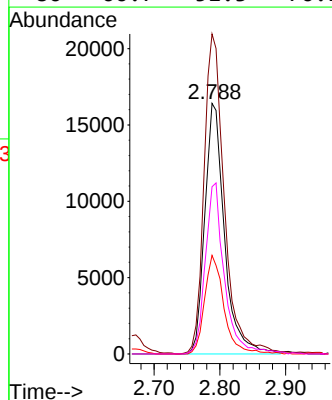
Manual Integrations
APPROVED

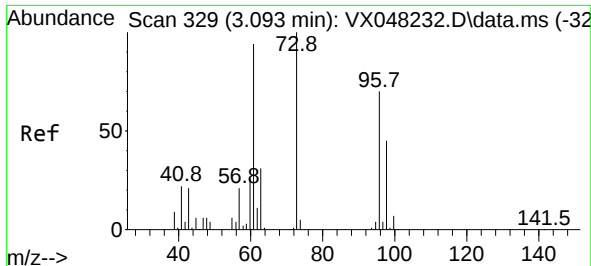
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 19.635 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

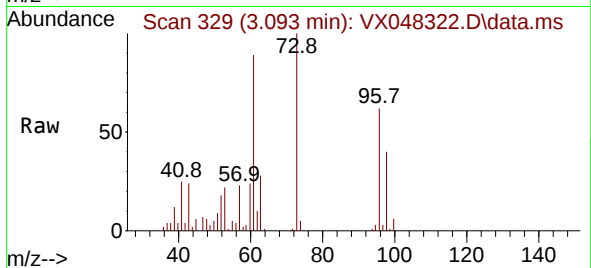
Tgt Ion: 84 Resp: 34176
Ion Ratio Lower Upper
84 100
49 127.7 104.1 156.1
51 39.4 31.3 46.9
86 66.7 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 19.723 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

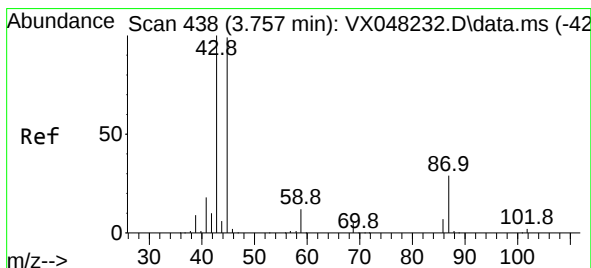
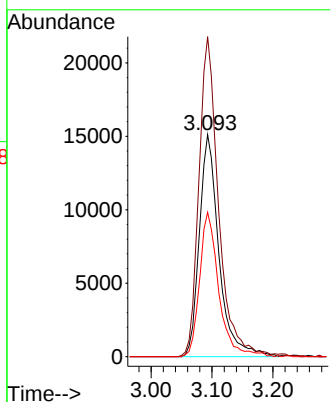
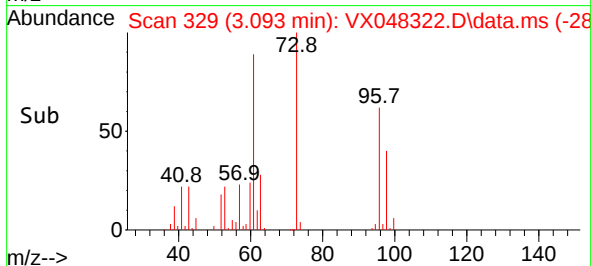
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 96 Resp: 33778
Ion Ratio Lower Upper
96 100
61 144.0 111.9 167.9
98 65.0 51.2 76.8

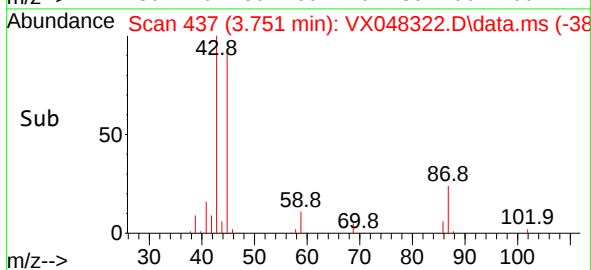
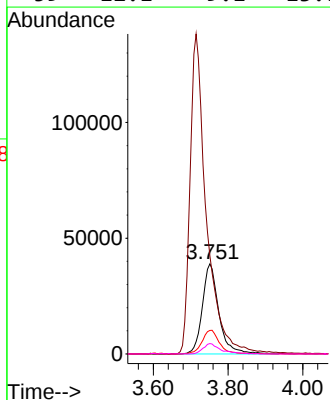
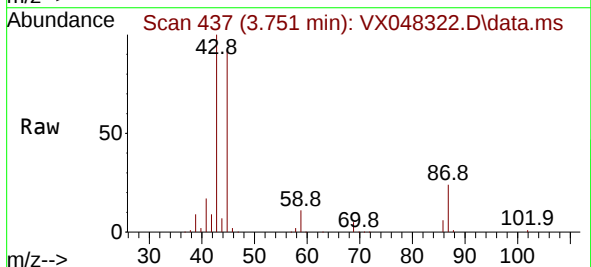
Manual Integrations
APPROVED

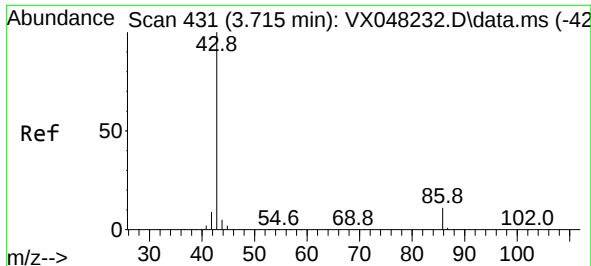
Reviewed By :John Carbone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 23.081 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

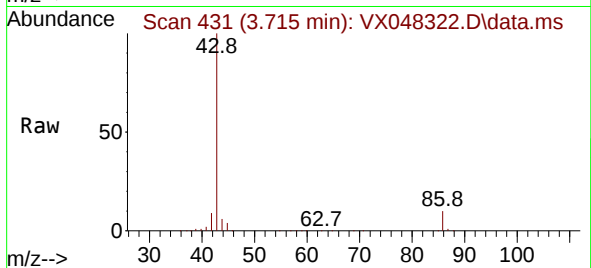
Tgt Ion: 45 Resp: 119166
Ion Ratio Lower Upper
45 100
43 108.6 89.8 134.8
87 26.1 20.6 31.0
59 12.1 9.1 13.7





#23
 Vinyl Acetate
 Concen: 102.407 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048322.D
 Acq: 23 Oct 2025 14:04

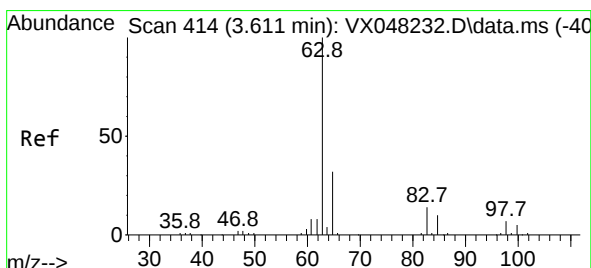
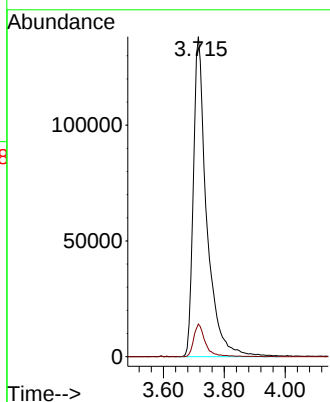
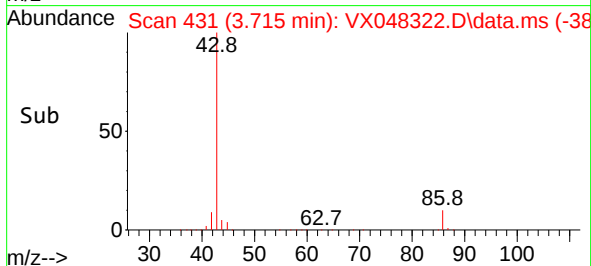
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023MBS01



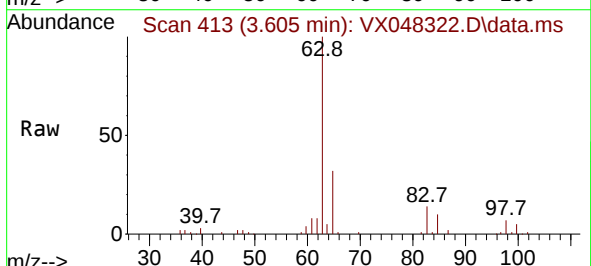
Tgt Ion: 43 Resp: 422354
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

Manual Integrations
 APPROVED

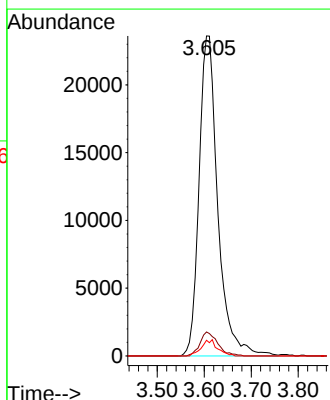
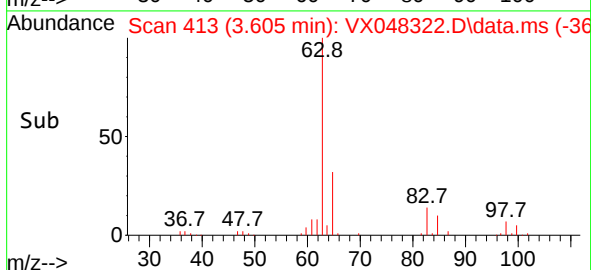
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

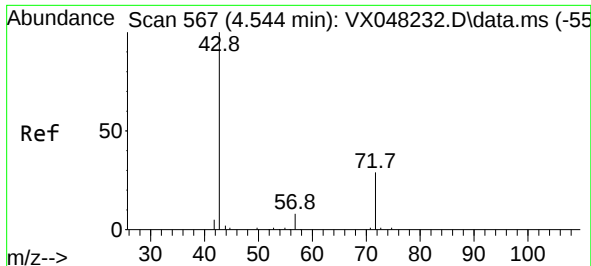


#24
 1,1-Dichloroethane
 Concen: 20.946 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048322.D
 Acq: 23 Oct 2025 14:04



Tgt Ion: 63 Resp: 65393
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.9 2.1 6.3





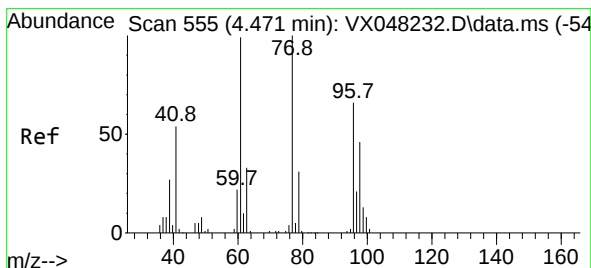
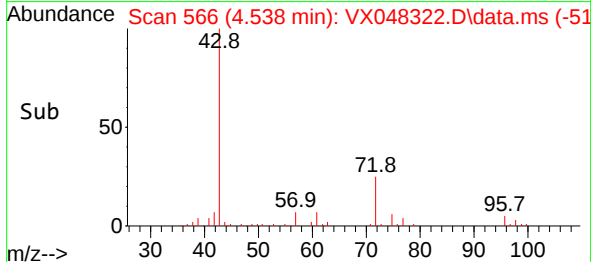
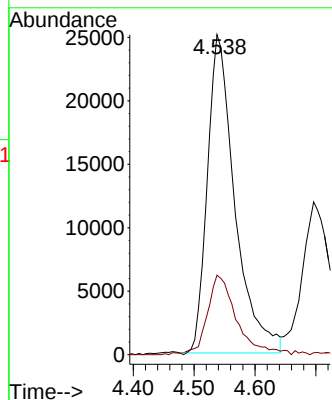
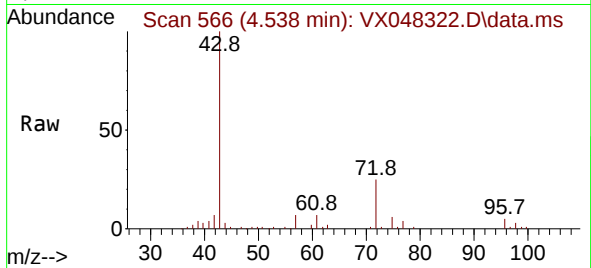
#25
2-Butanone
Concen: 87.131 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 43 Resp: 78779
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9

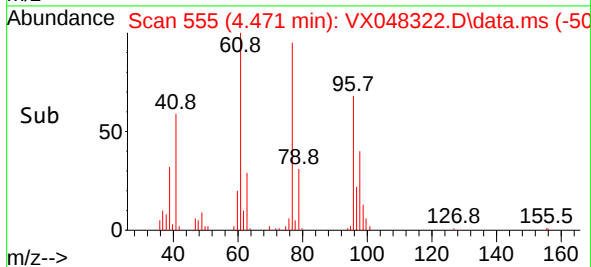
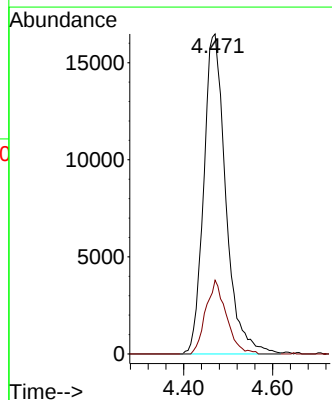
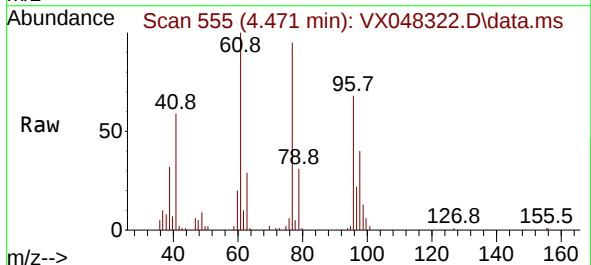
Manual Integrations
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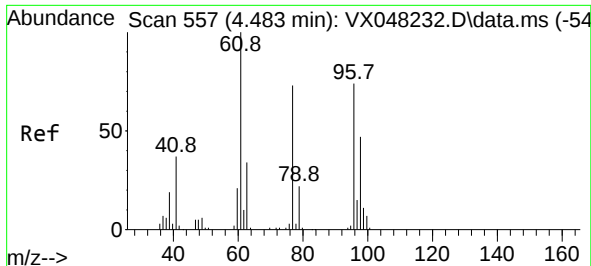
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 20.209 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 77 Resp: 56945
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 20.636 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

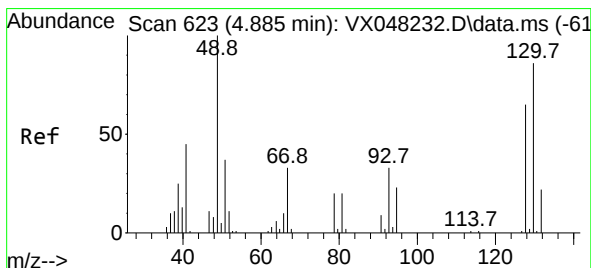
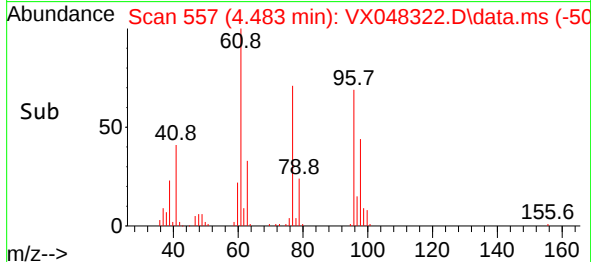
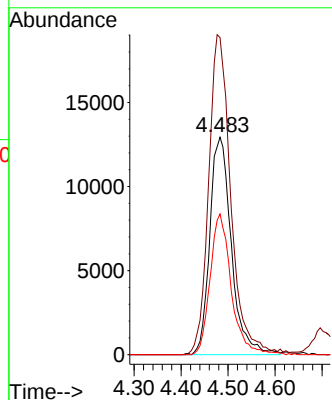
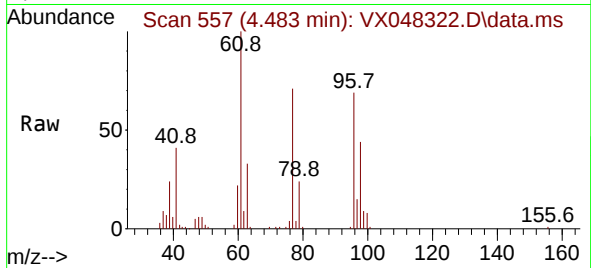
Tgt Ion:	96	Resp:	4124
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	294.2
98	63.4	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 22.055 ug/l

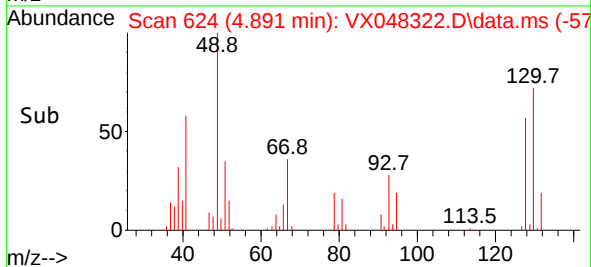
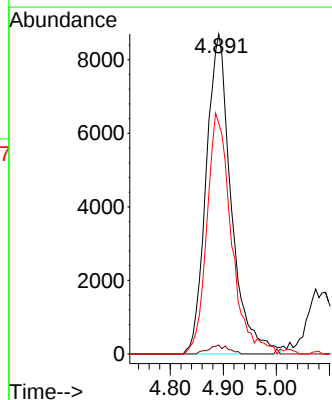
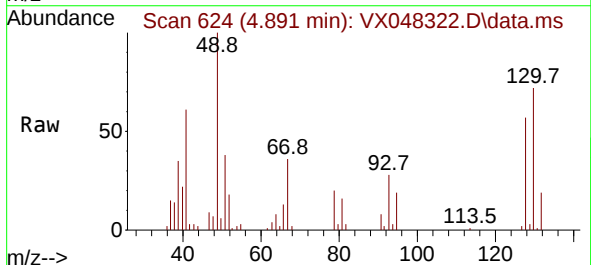
RT: 4.891 min Scan# 624

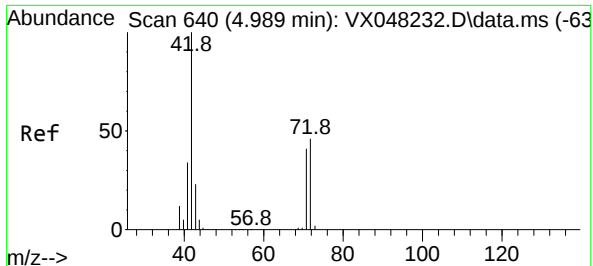
Delta R.T. 0.006 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Tgt Ion:	49	Resp:	28549
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	73.6	59.3	88.9





#29

Tetrahydrofuran

Concen: 98.082 ug/l

RT: 4.983 min Scan# 611

Delta R.T. -0.006 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

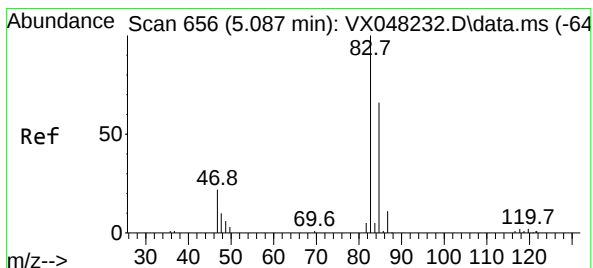
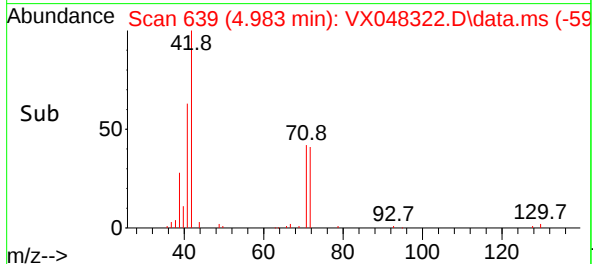
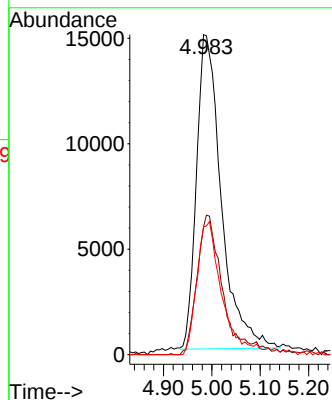
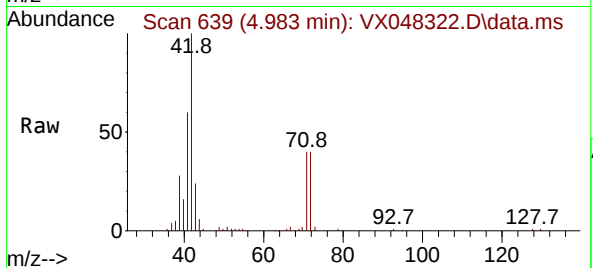
Tgt Ion:	42	Resp:	5311
Ion Ratio	Lower	Upper	
42	100		
72	46.0	35.3	52.9
71	42.4	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 20.693 ug/l

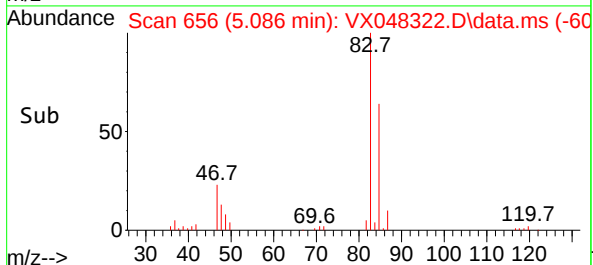
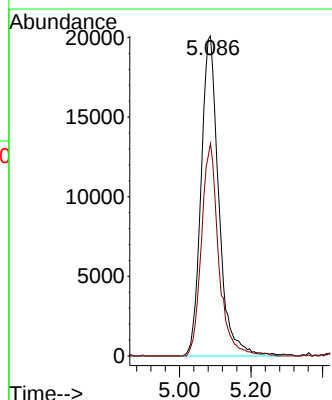
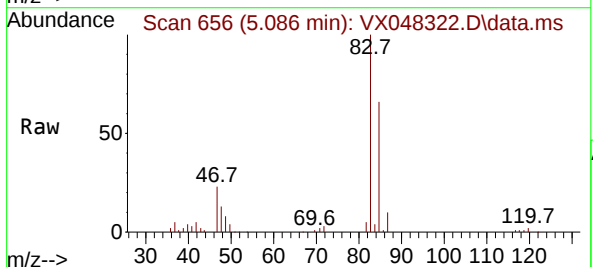
RT: 5.086 min Scan# 656

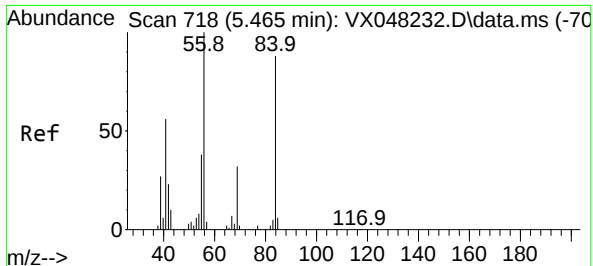
Delta R.T. 0.006 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

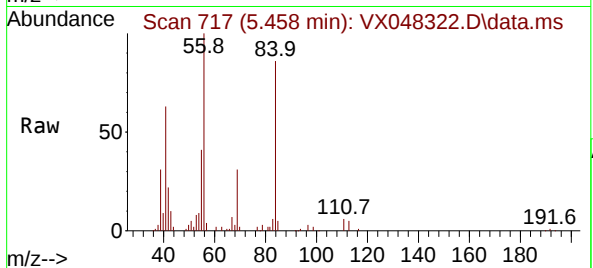
Tgt Ion:	83	Resp:	69020
Ion Ratio	Lower	Upper	
83	100		
85	66.4	50.1	75.1





#31
Cyclohexane
Concen: 21.530 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

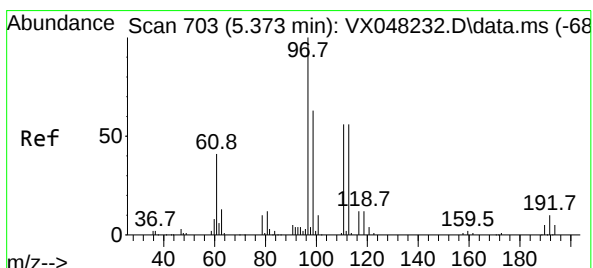
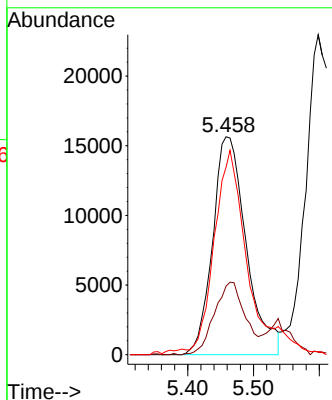
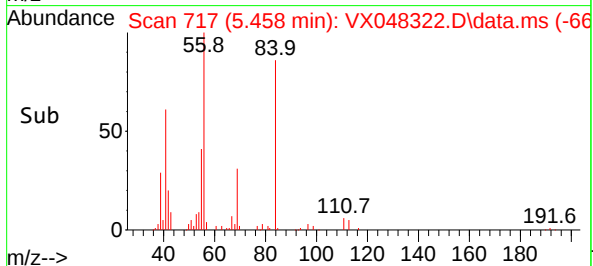
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 56 Resp: 55648
Ion Ratio Lower Upper
56 100
69 30.9 23.0 34.6
84 83.9 64.6 97.0

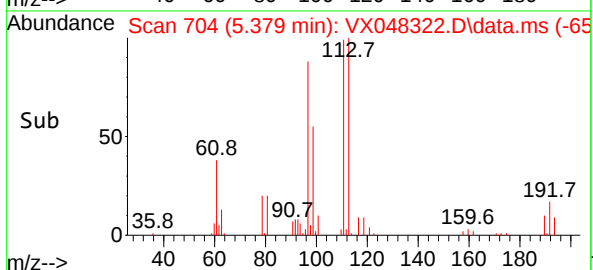
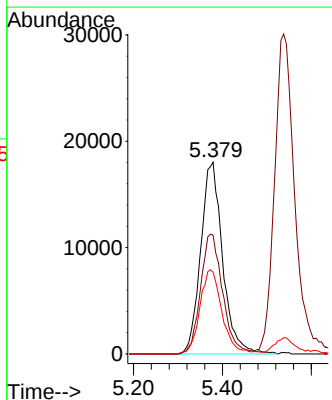
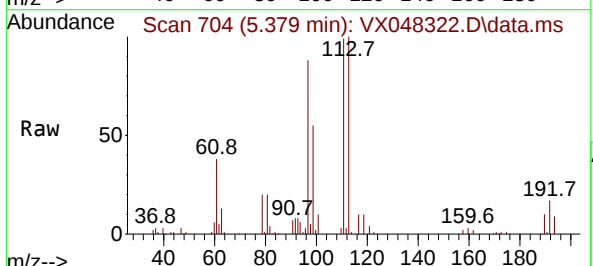
Manual Integrations
APPROVED

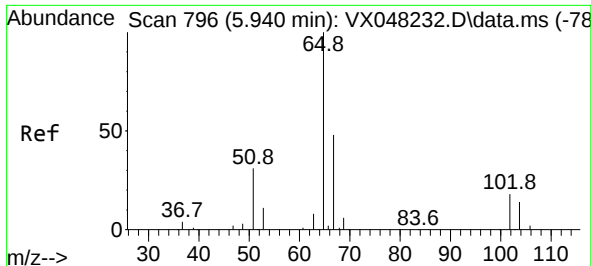
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 20.138 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 97 Resp: 61903
Ion Ratio Lower Upper
97 100
99 62.7 51.7 77.5
61 44.3 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 51.747 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion: 65 Resp: 107749

Ion Ratio Lower Upper

65 100

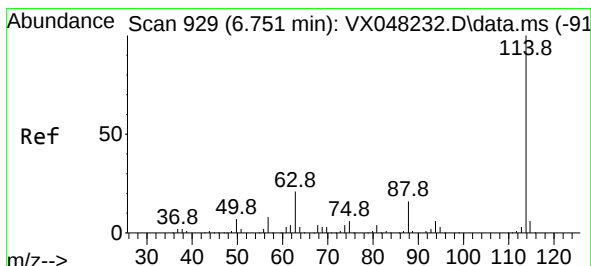
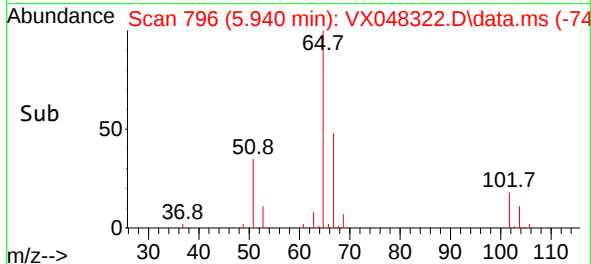
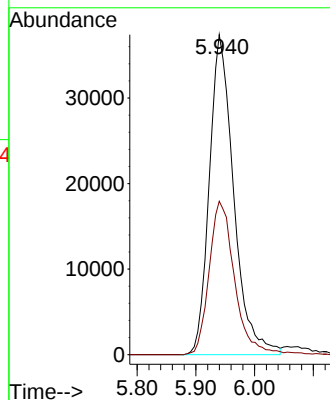
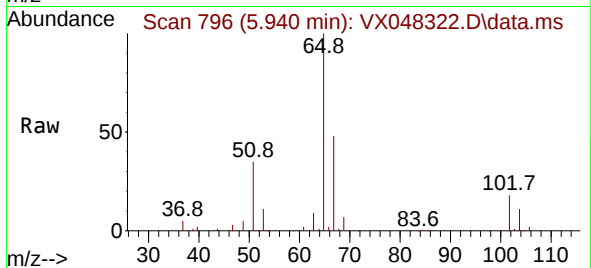
67 50.2 0.0 105.0

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

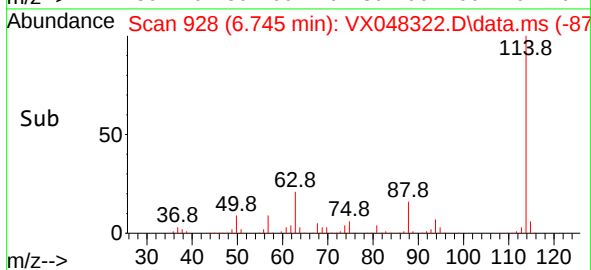
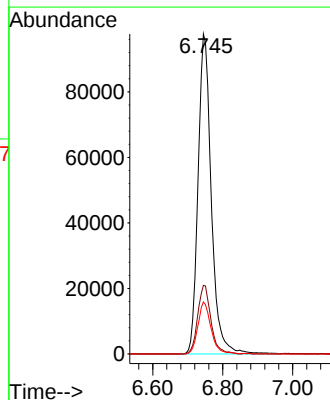
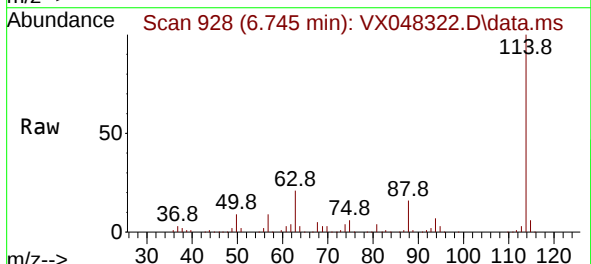
Tgt Ion:114 Resp: 256401

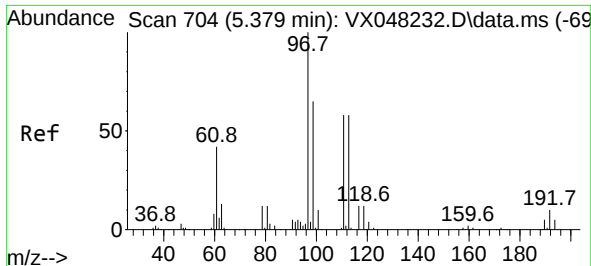
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

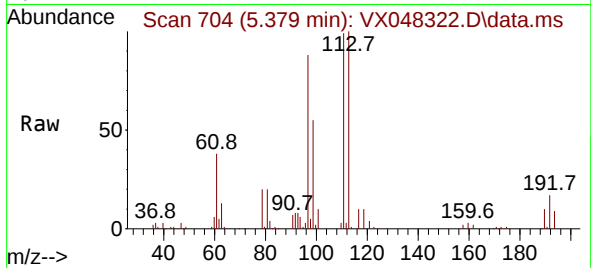
88 16.3 0.0 33.6





#35
Dibromofluoromethane
Concen: 39.193 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

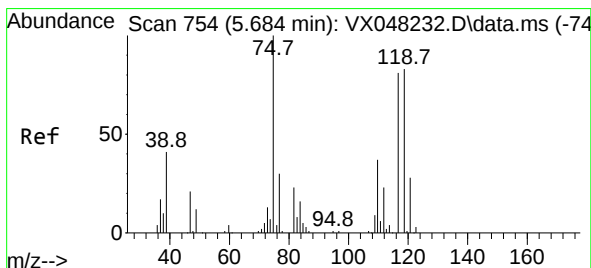
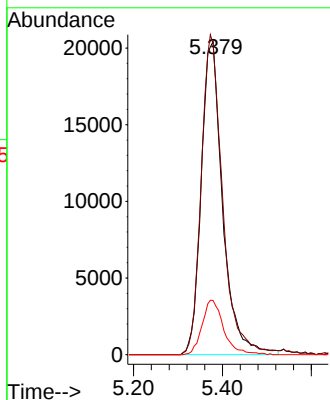
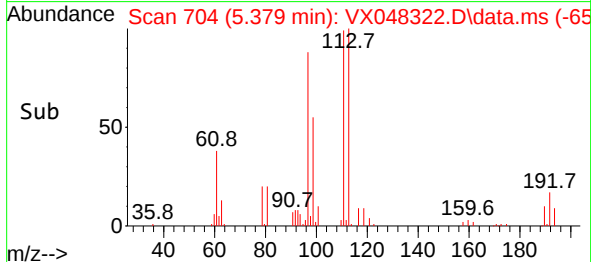
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 113 Resp: 6860
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.6 15.1 22.7

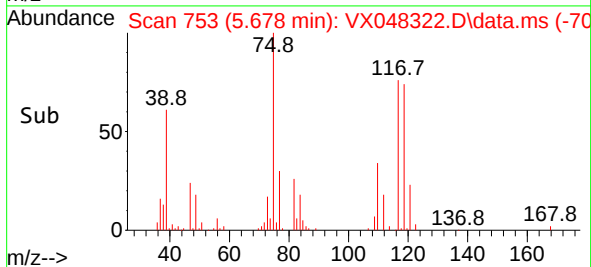
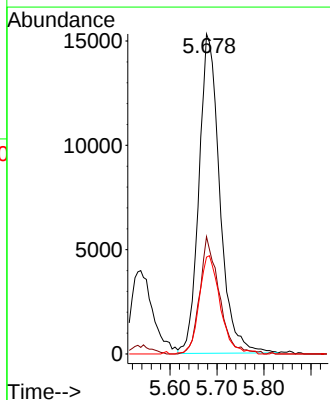
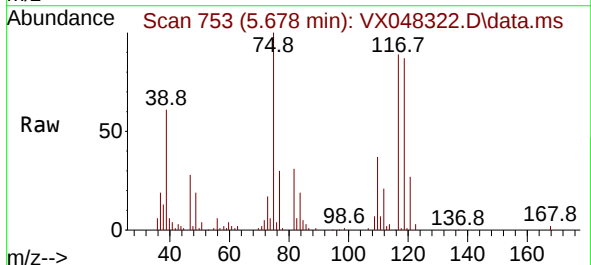
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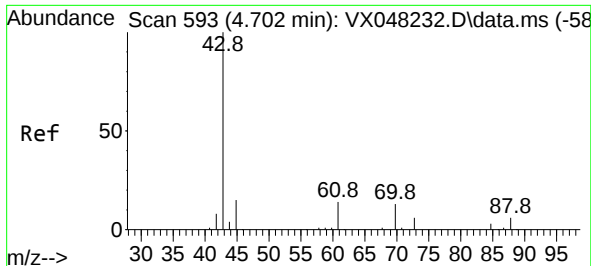
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 18.913 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 75 Resp: 47055
Ion Ratio Lower Upper
75 100
110 34.4 17.7 53.1
77 31.2 24.3 36.5





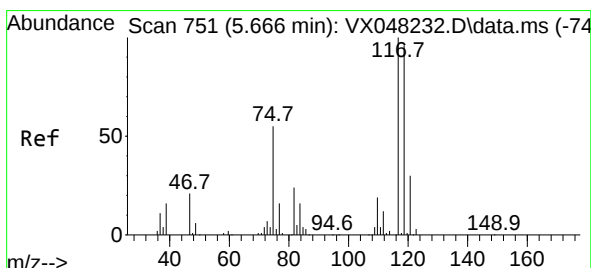
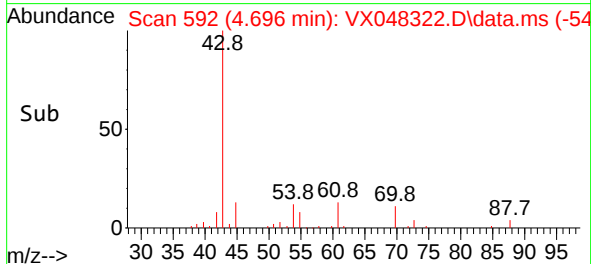
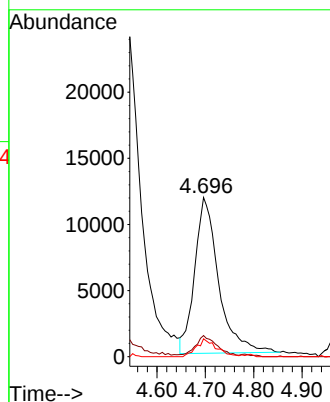
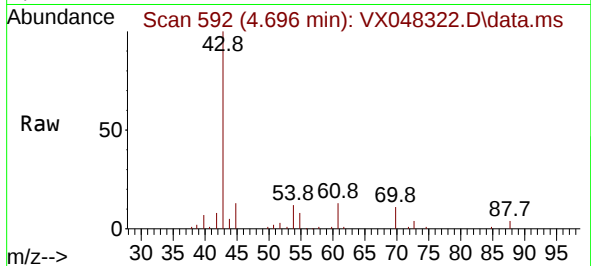
#37
Ethyl Acetate
Concen: 19.655 ug/l
RT: 4.696 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
61 10.3 10.6 15.8
70 9.6 7.8 11.6

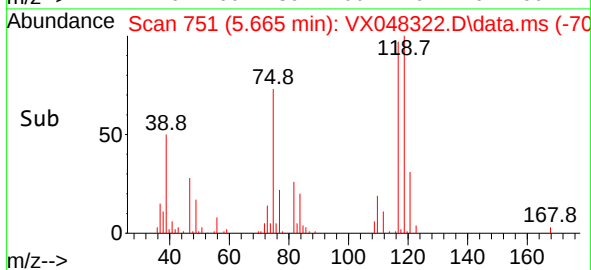
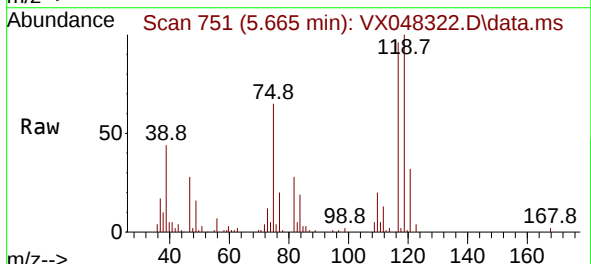
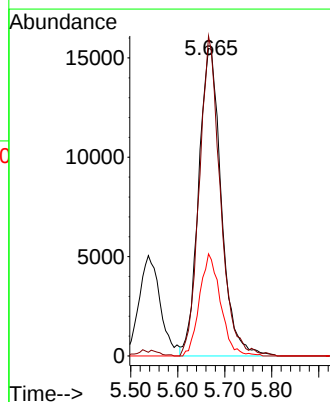
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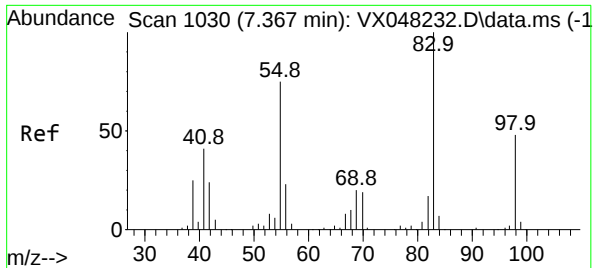
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 16.900 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion:117 Resp: 51874
Ion Ratio Lower Upper
117 100
119 104.0 77.2 115.8
121 33.2 24.8 37.2





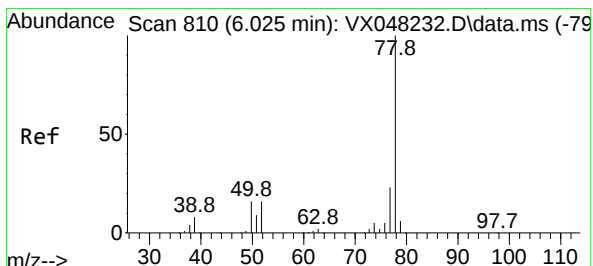
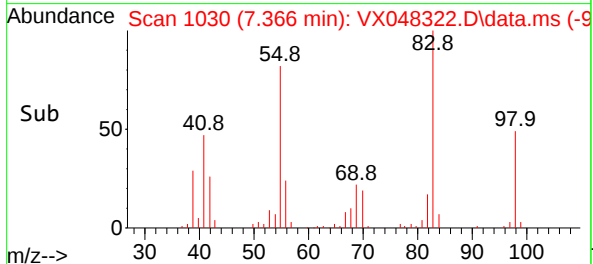
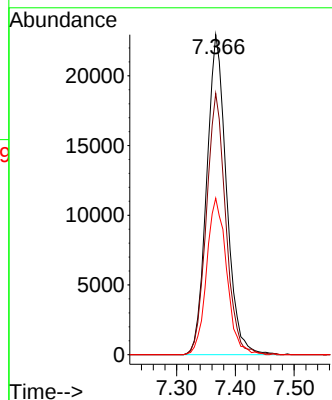
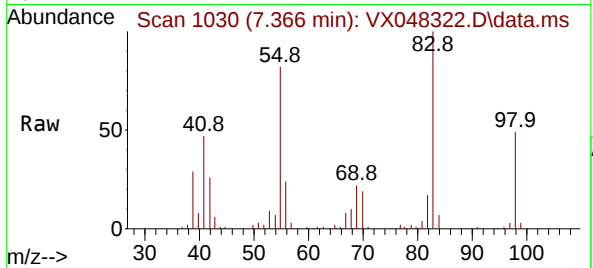
#39
Methylcyclohexane
Concen: 18.282 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 83 Resp: 53718
Ion Ratio Lower Upper
83 100
55 81.6 66.2 99.2
98 48.9 38.9 58.3

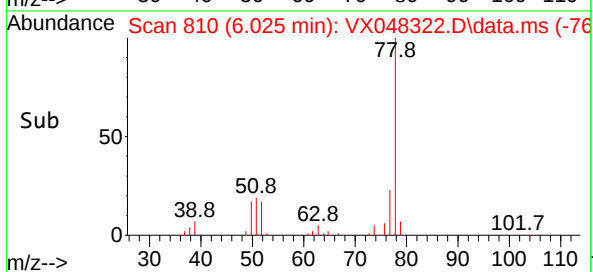
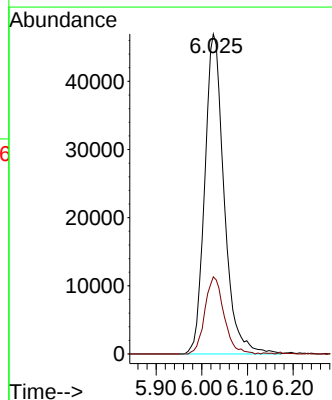
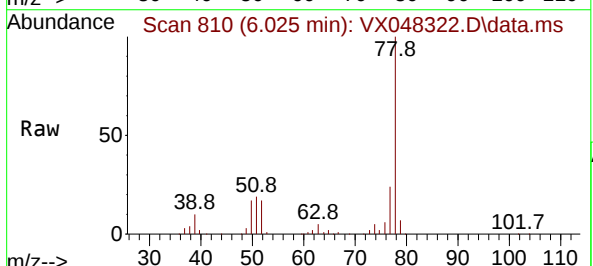
Manual Integrations
APPROVED

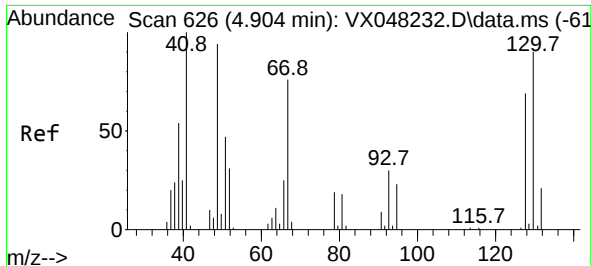
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 19.090 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

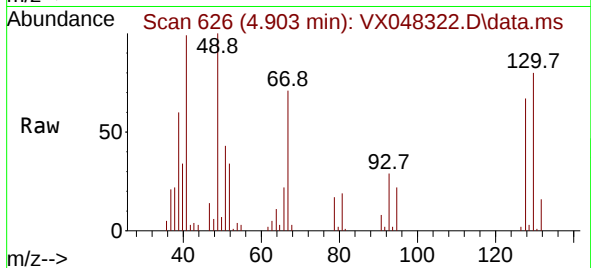
Tgt Ion: 78 Resp: 137891
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 19.466 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

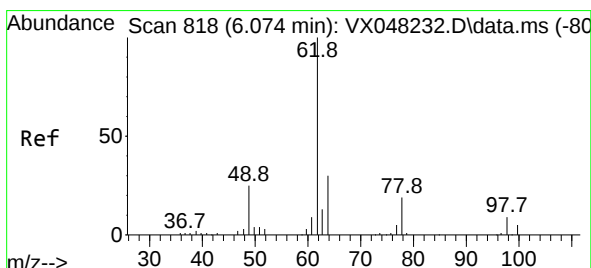
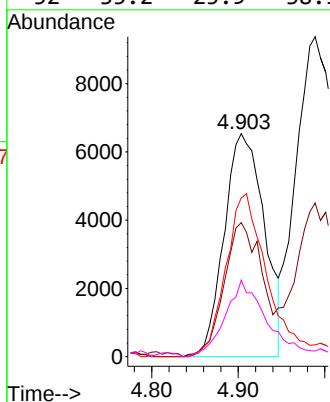
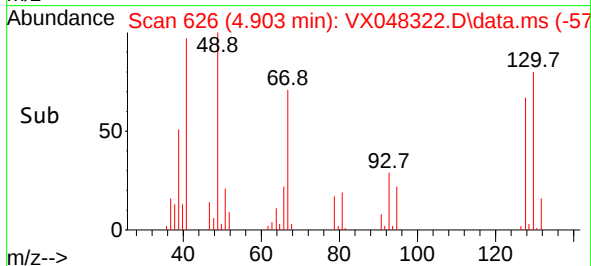
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 41 Resp: 2108
Ion Ratio Lower Upper
41 100
39 56.0 44.0 66.0
67 77.5 58.7 88.1
52 35.2 25.9 38.9

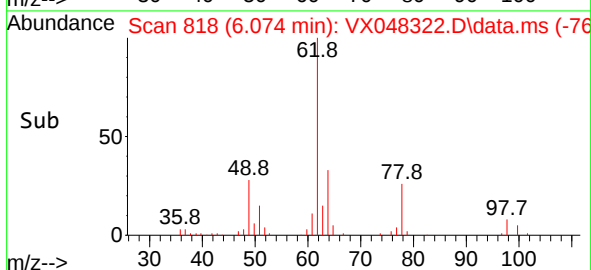
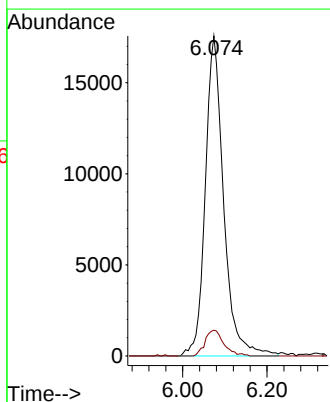
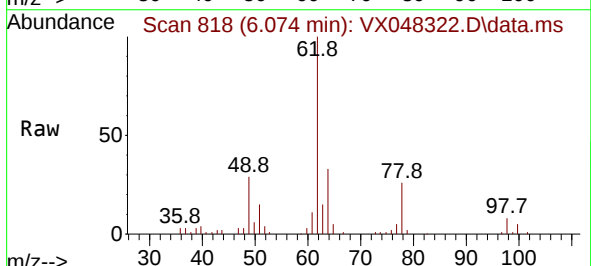
Manual Integrations
APPROVED

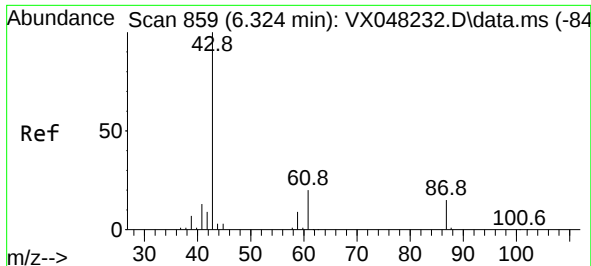
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 19.920 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 62 Resp: 53095
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.2





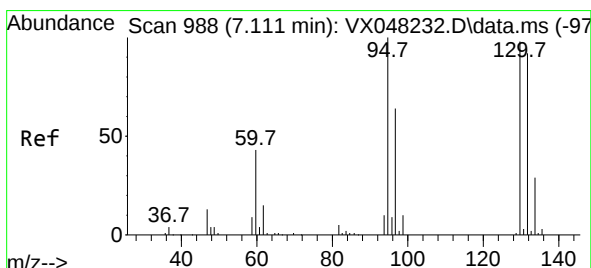
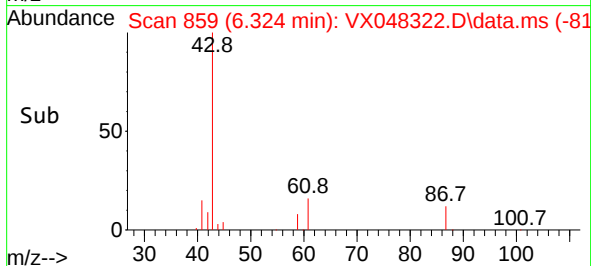
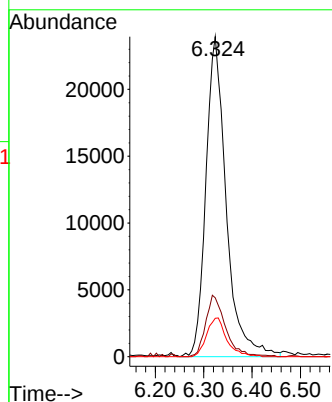
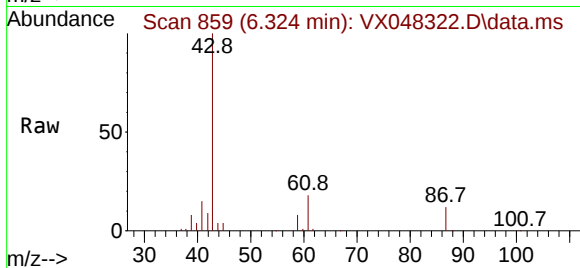
#43
Isopropyl Acetate
Concen: 20.611 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 43 Resp: 69818
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.0 9.4 14.2

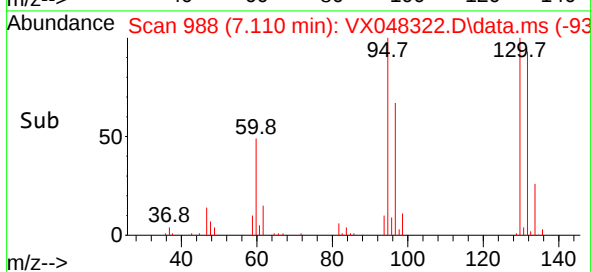
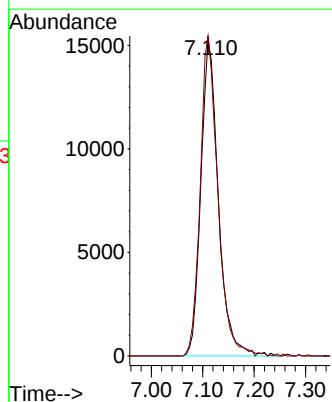
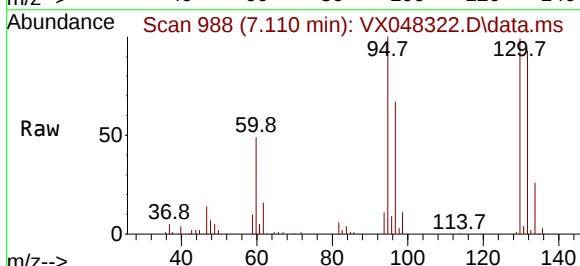
Manual Integrations
APPROVED

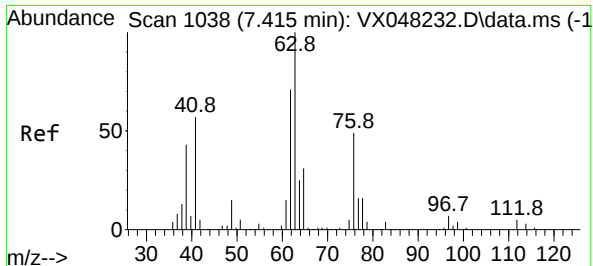
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 18.953 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion:130 Resp: 36149
Ion Ratio Lower Upper
130 100
95 101.1 0.0 200.6





#45

1,2-Dichloropropane

Concen: 20.061 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion: 63 Resp: 3445

Ion Ratio Lower Upper

63 100

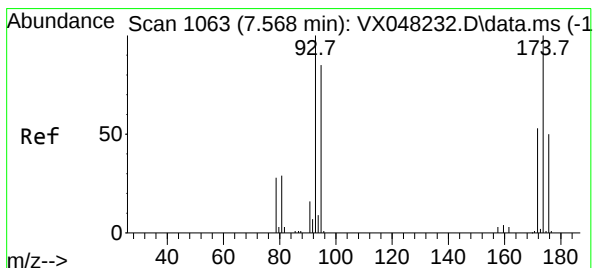
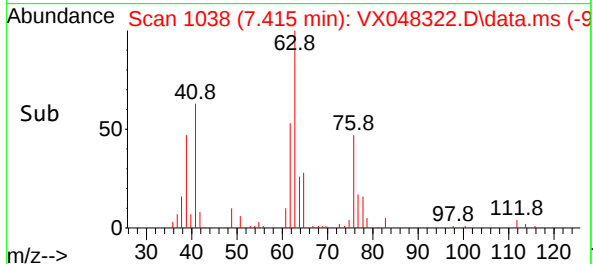
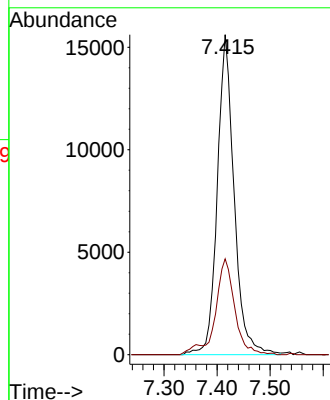
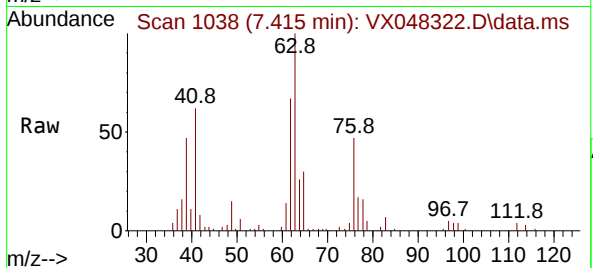
65 30.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 18.861 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

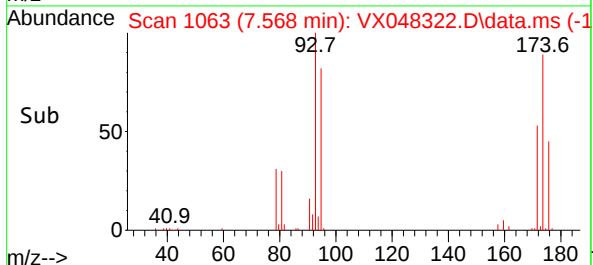
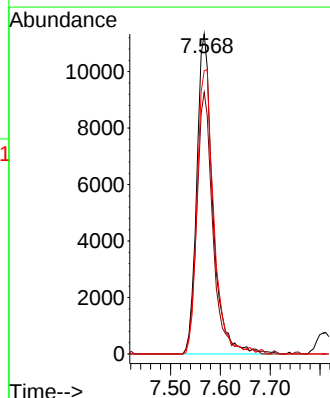
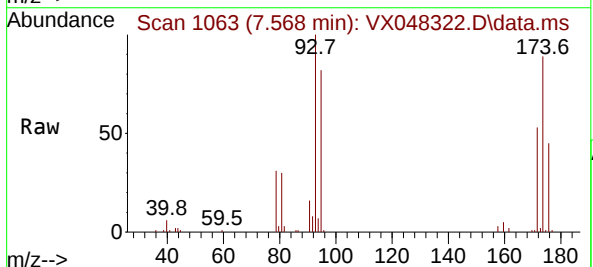
Tgt Ion: 93 Resp: 25235

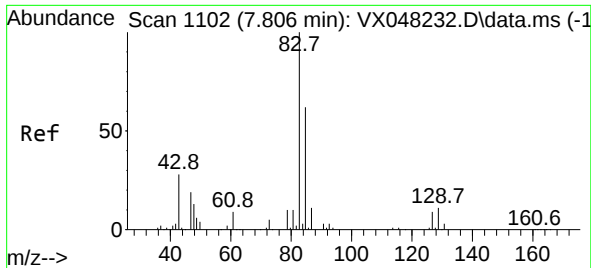
Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

174 91.5 71.7 107.5





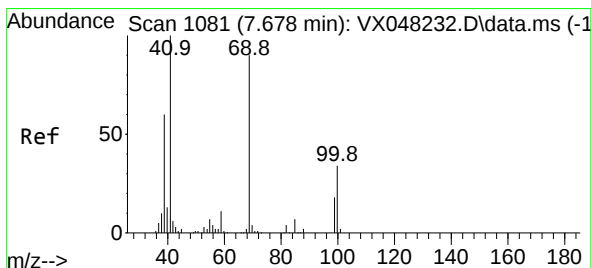
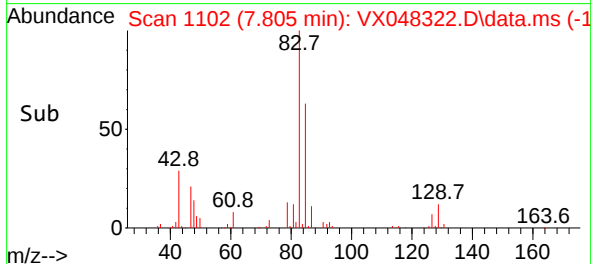
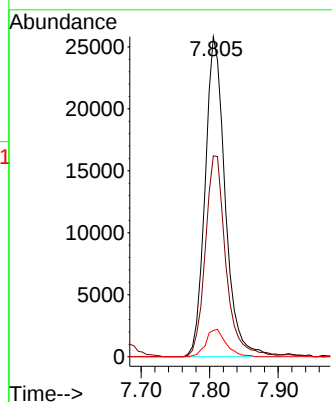
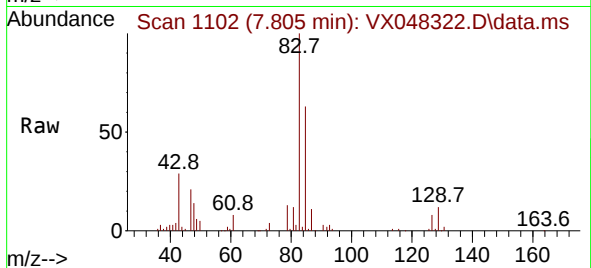
#47
Bromodichloromethane
Concen: 18.241 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 83 Resp: 52690
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.2 7.3 10.9

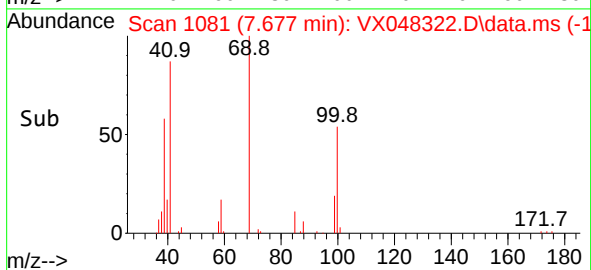
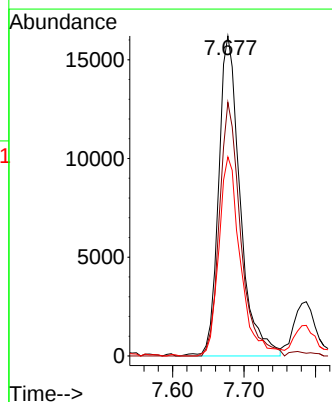
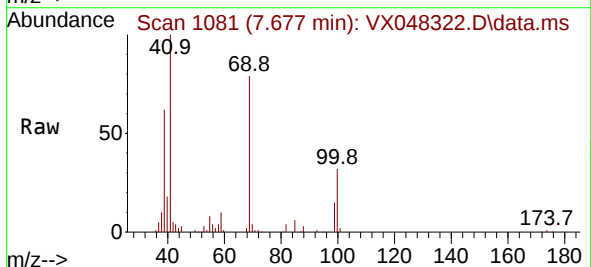
Manual Integrations
APPROVED

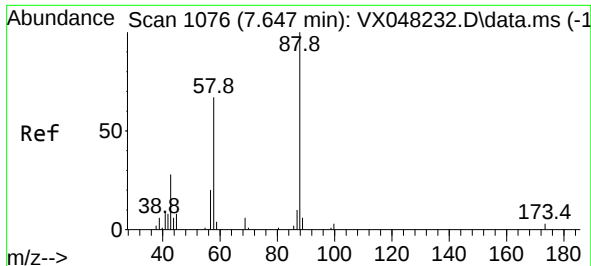
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 19.790 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

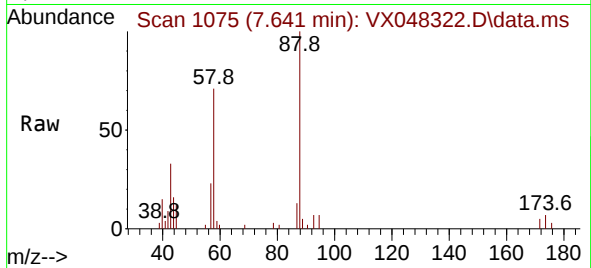
Tgt Ion: 41 Resp: 33827
Ion Ratio Lower Upper
41 100
69 78.1 63.4 95.0
39 62.8 47.1 70.7





#49
1,4-Dioxane
Concen: 336.905 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

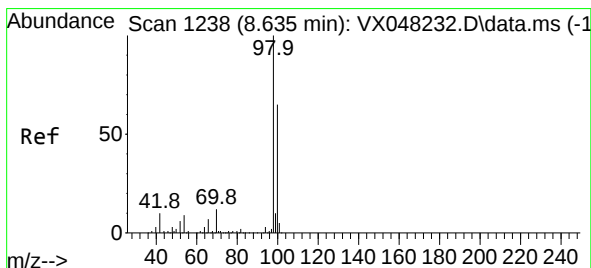
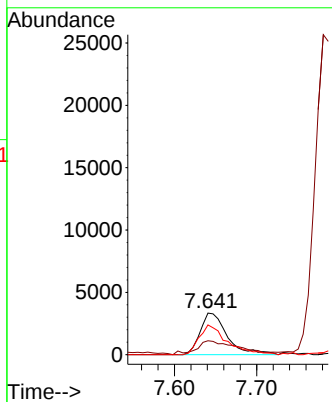
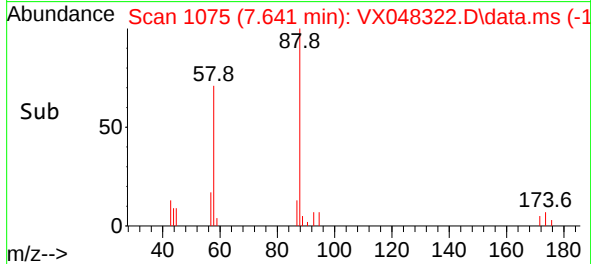
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 88 Resp: 7608
Ion Ratio Lower Upper
88 100
43 50.7 35.0 52.4
58 73.9 61.9 92.9

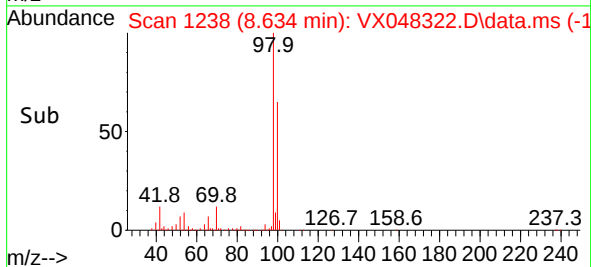
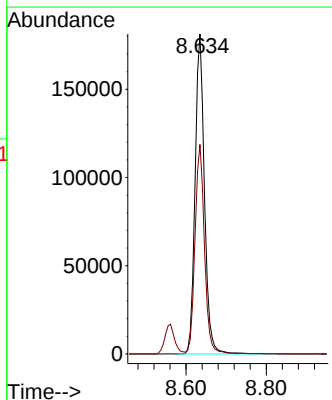
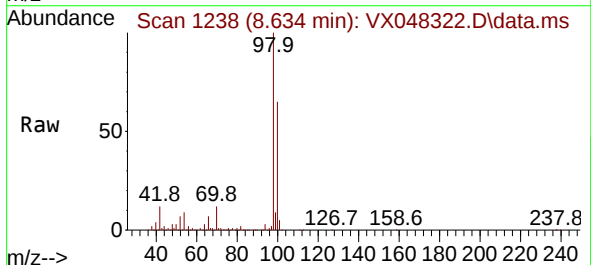
Manual Integrations
APPROVED

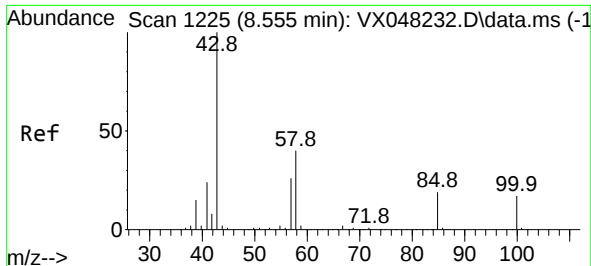
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 48.033 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

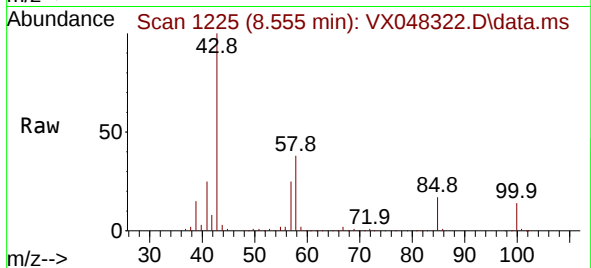
Tgt Ion: 98 Resp: 294704
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 100.257 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

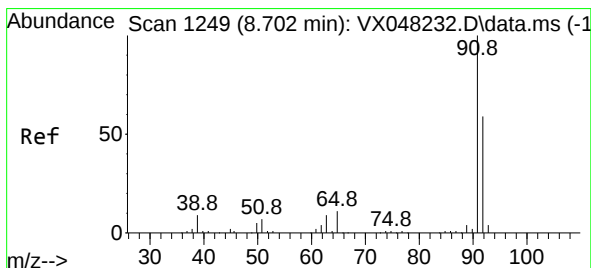
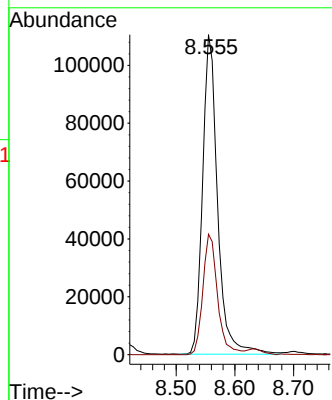
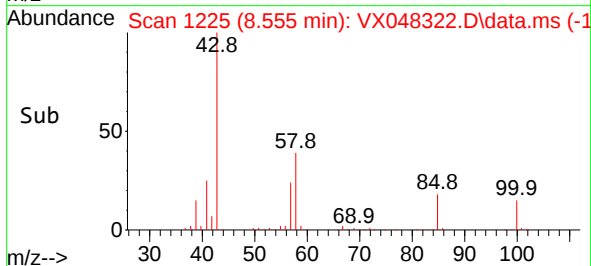
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 43 Resp: 195800
Ion Ratio Lower Upper
43 100
58 37.1 29.5 44.3

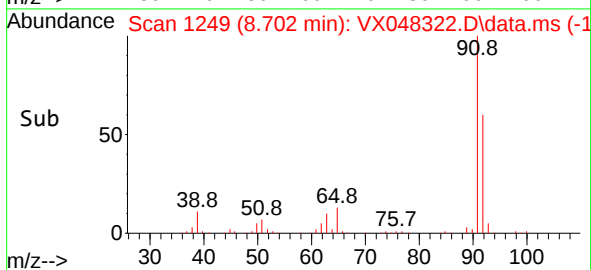
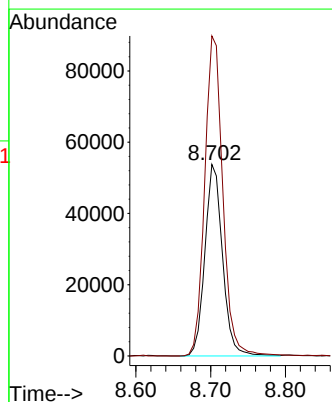
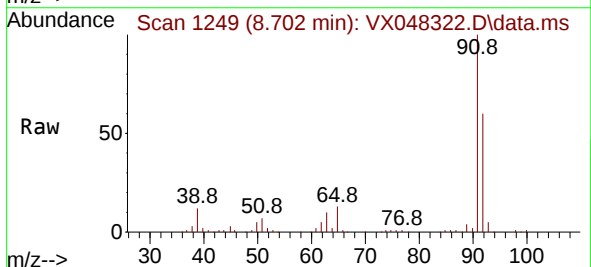
Manual Integrations
APPROVED

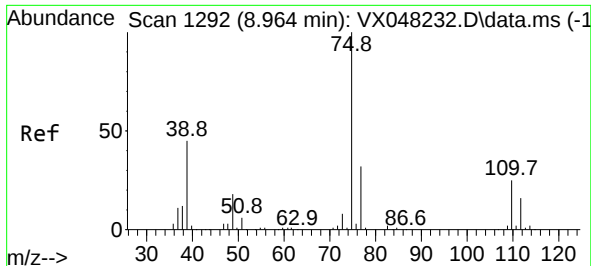
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 19.218 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 92 Resp: 88187
Ion Ratio Lower Upper
92 100
91 171.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 18.010 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion: 75 Resp: 50139

Ion Ratio Lower Upper

75 100

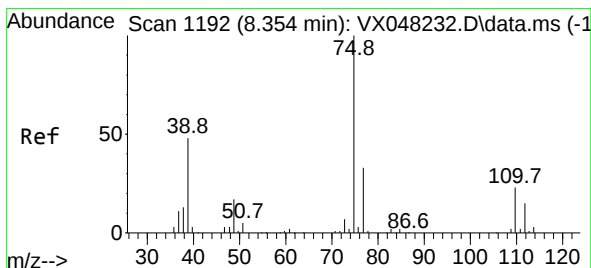
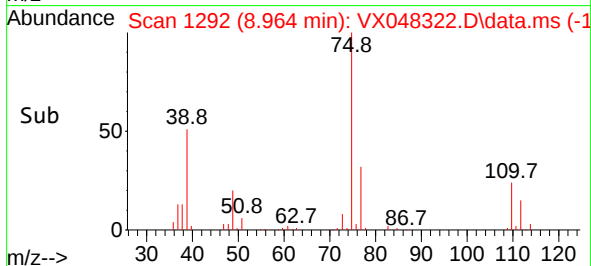
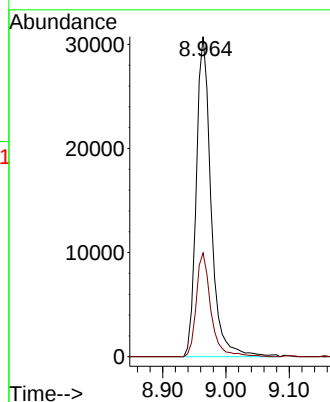
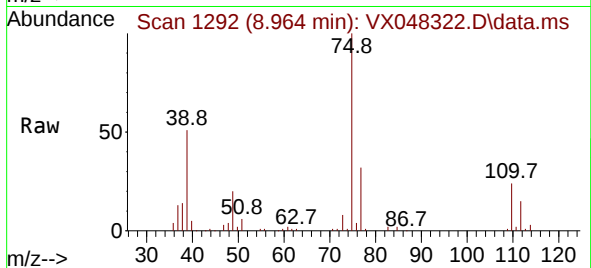
77 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 17.850 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

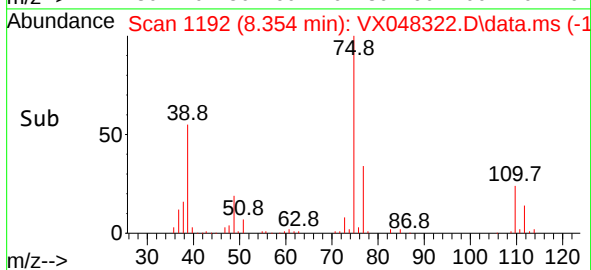
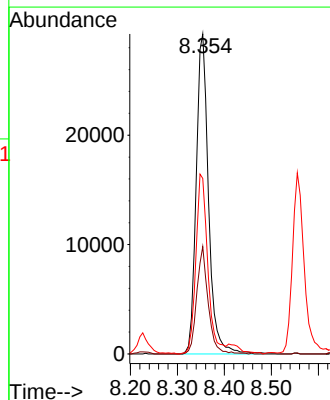
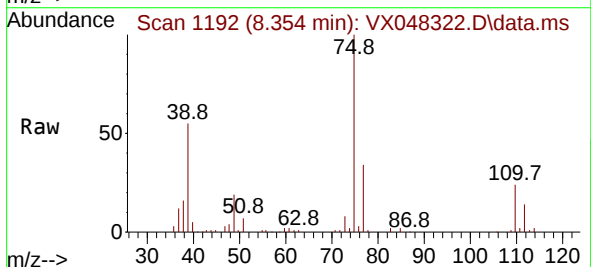
Tgt Ion: 75 Resp: 53613

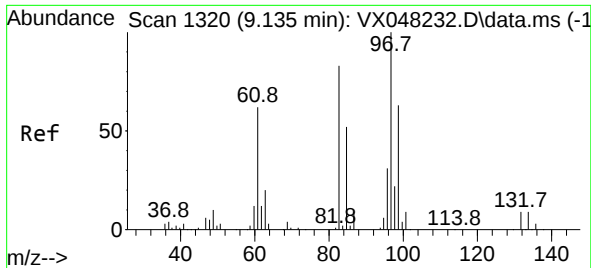
Ion Ratio Lower Upper

75 100

77 33.6 24.9 37.3

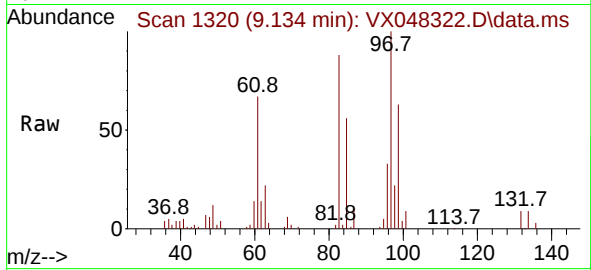
39 54.8 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 18.567 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

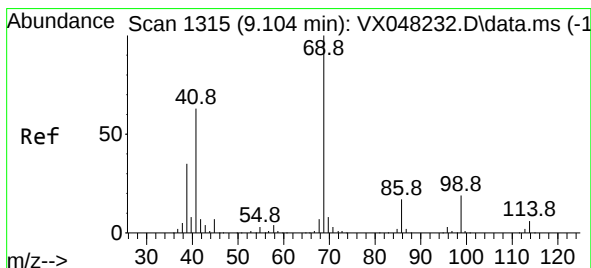
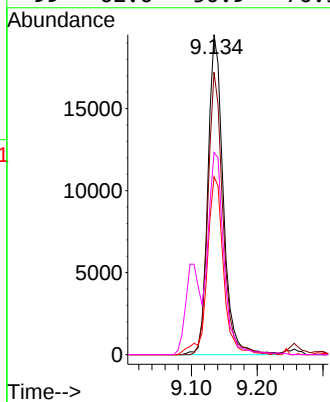
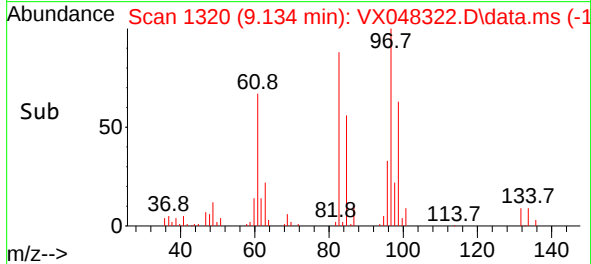
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



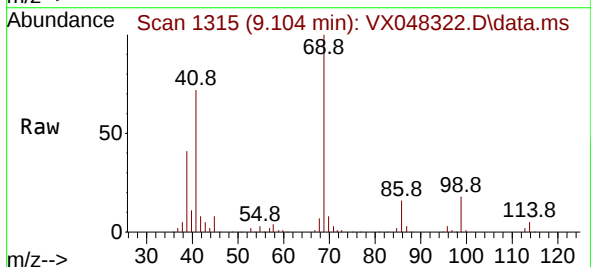
Tgt Ion: 97 Resp: 3168
Ion Ratio Lower Upper
97 100
83 88.2 70.6 105.8
85 55.6 45.0 67.6
99 62.6 50.9 76.3

Manual Integrations
APPROVED

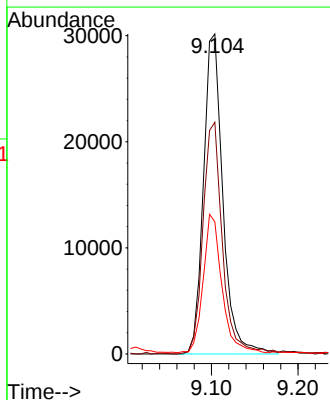
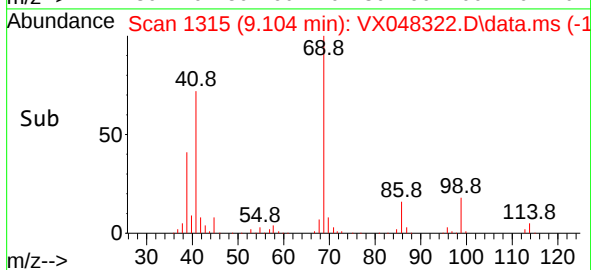
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

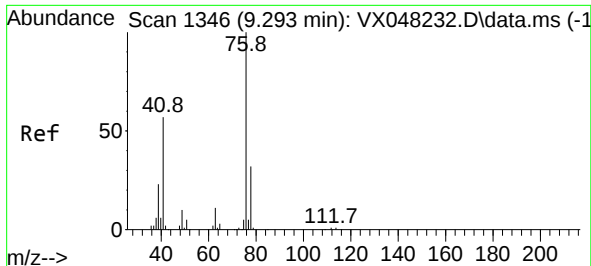


#56
Ethyl methacrylate
Concen: 18.827 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04



Tgt Ion: 69 Resp: 46994
Ion Ratio Lower Upper
69 100
41 72.7 56.0 84.0
39 42.0 31.6 47.4





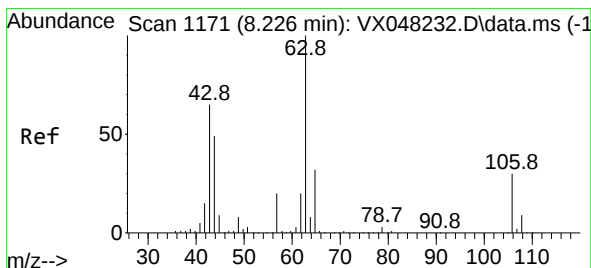
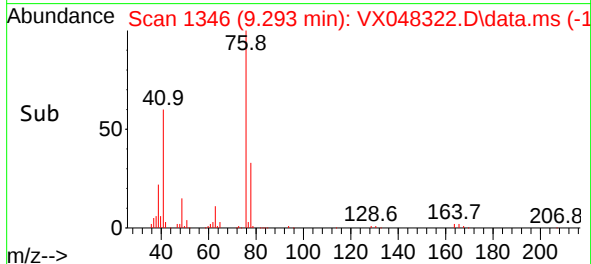
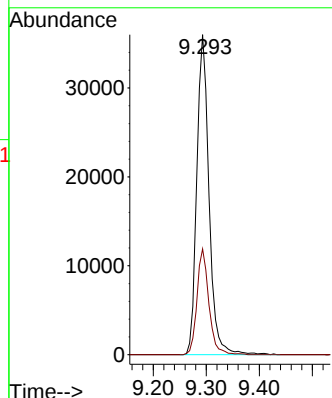
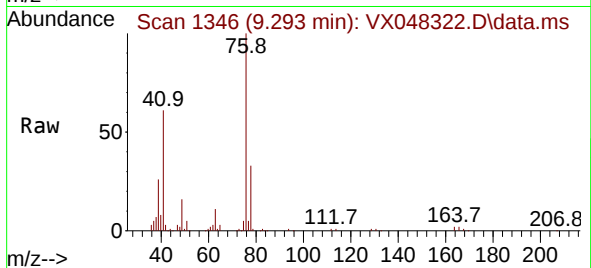
#57
1,3-Dichloropropane
Concen: 19.777 ug/l
RT: 9.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 76 Resp: 57650
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.0

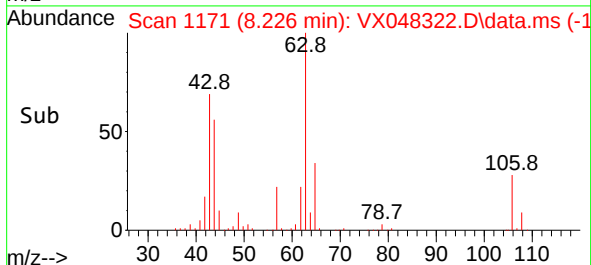
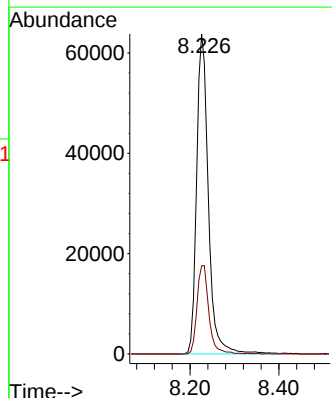
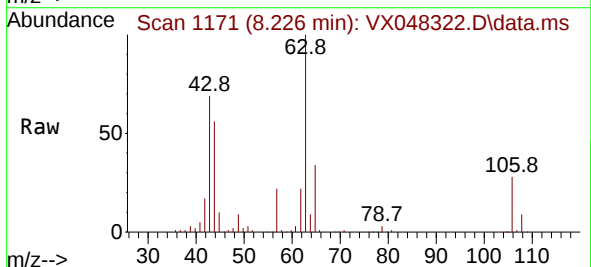
Manual Integrations
APPROVED

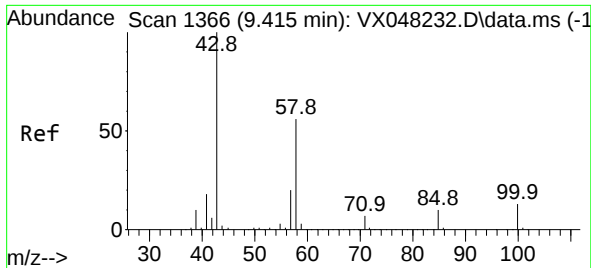
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.084 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 63 Resp: 116734
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.2





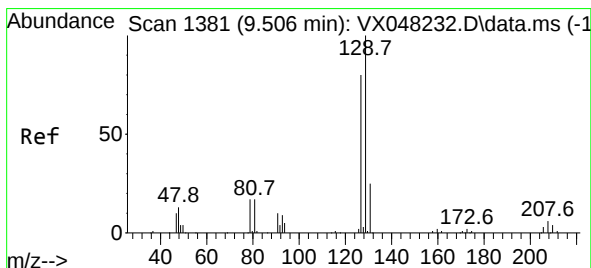
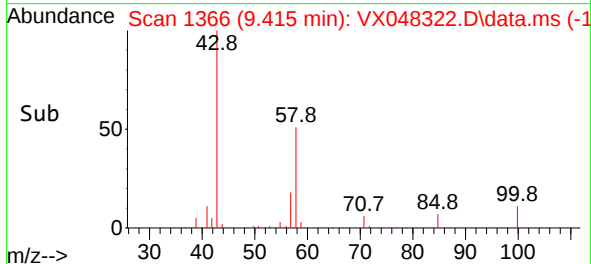
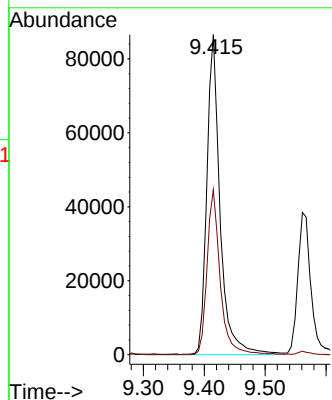
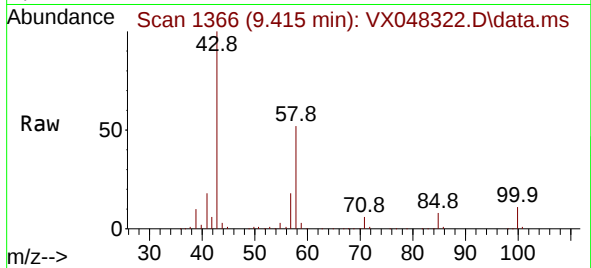
#59
2-Hexanone
Concen: 95.645 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 43 Resp: 13025
Ion Ratio Lower Upper
43 100
58 51.5 26.3 78.8

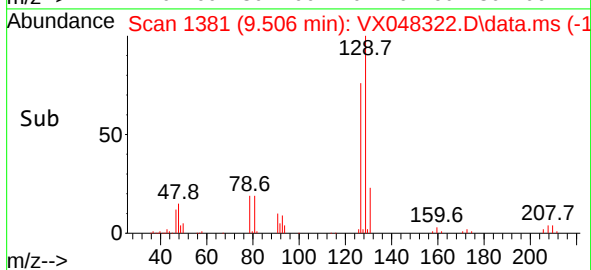
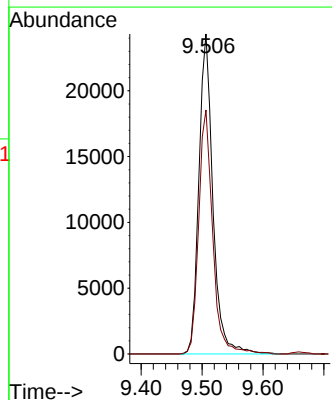
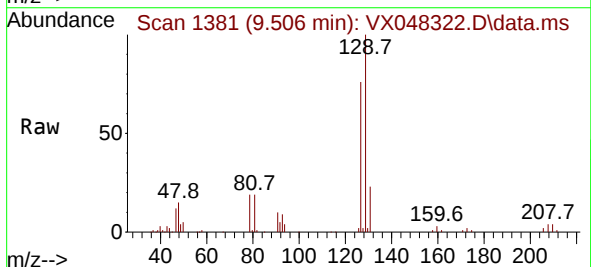
Manual Integrations
APPROVED

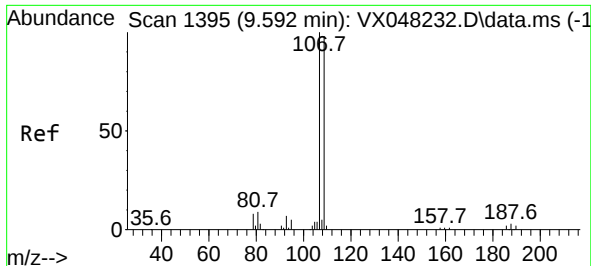
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 16.968 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion:129 Resp: 38918
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





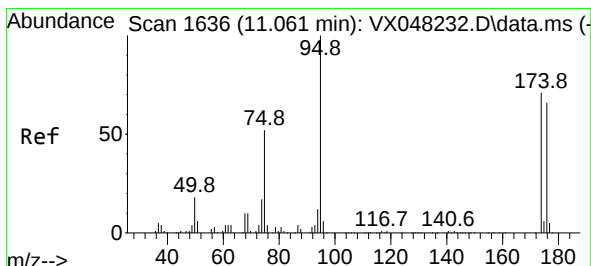
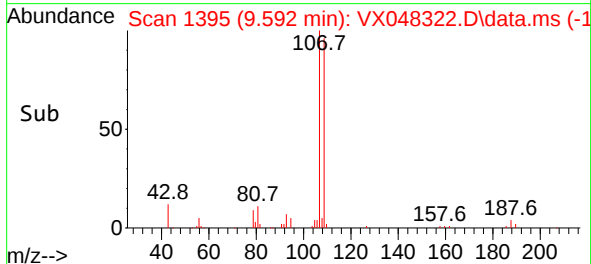
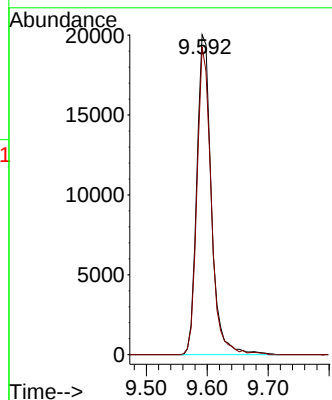
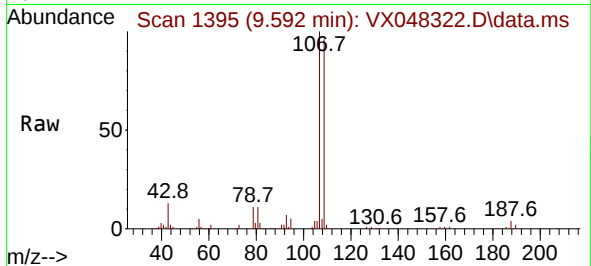
#61
1,2-Dibromoethane
Concen: 18.260 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion:107 Resp: 33220
Ion Ratio Lower Upper
107 100
109 94.2 77.0 115.4

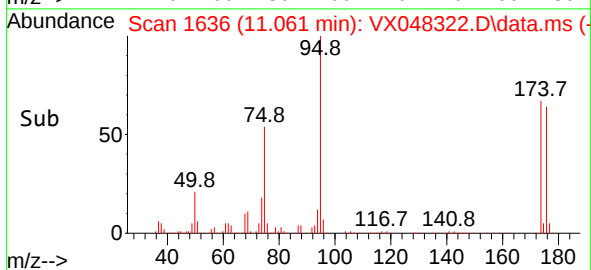
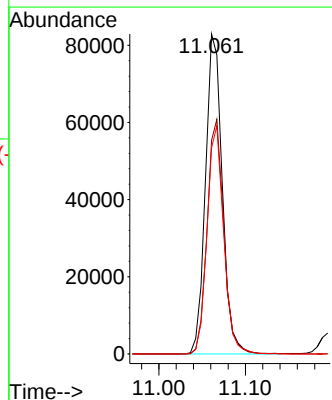
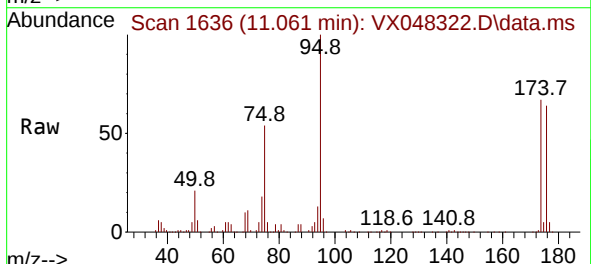
Manual Integrations
APPROVED

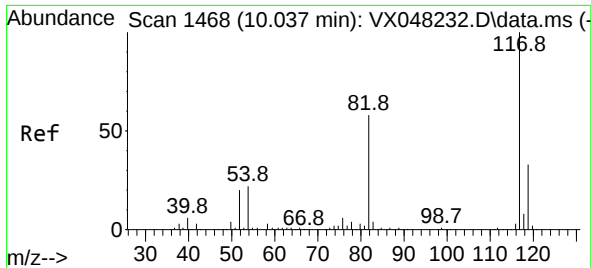
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 47.827 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

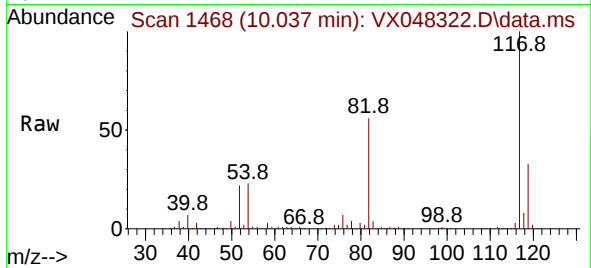
Tgt Ion: 95 Resp: 111633
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.8
176 70.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

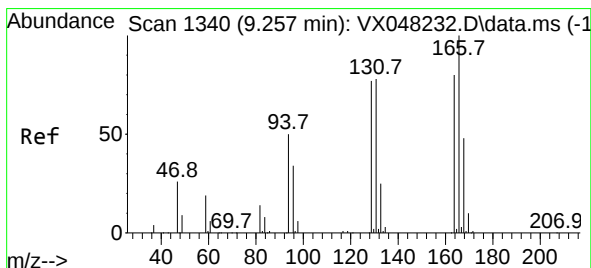
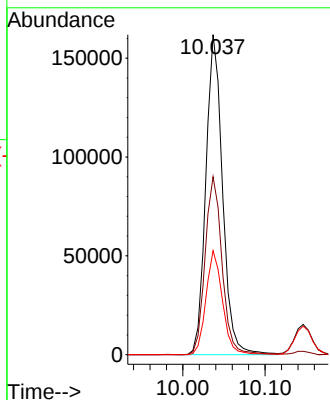
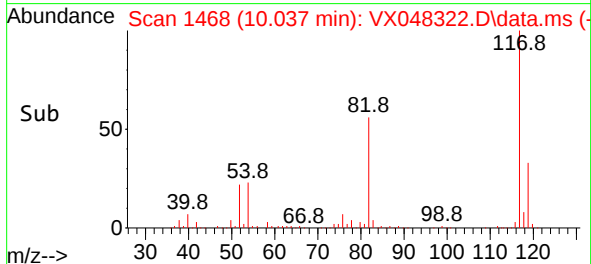
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion:117 Resp: 22890
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 32.5 25.9 38.9

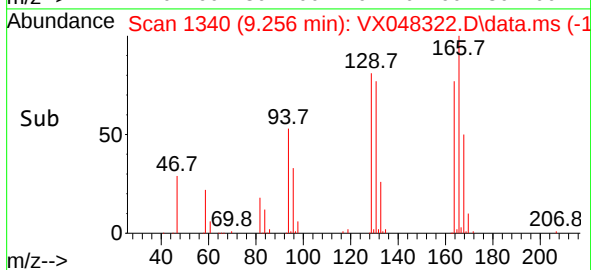
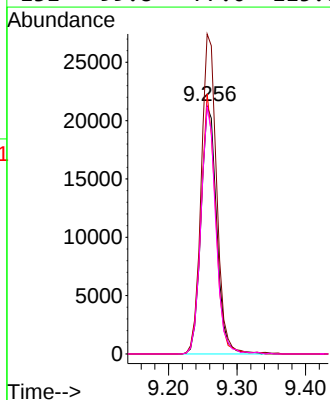
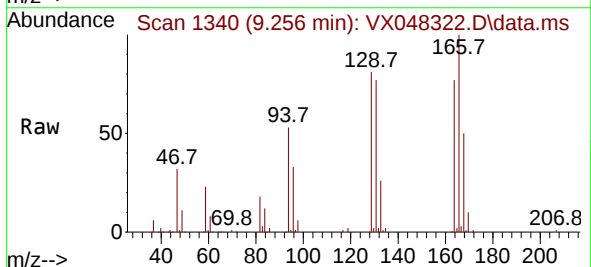
Manual Integrations
APPROVED

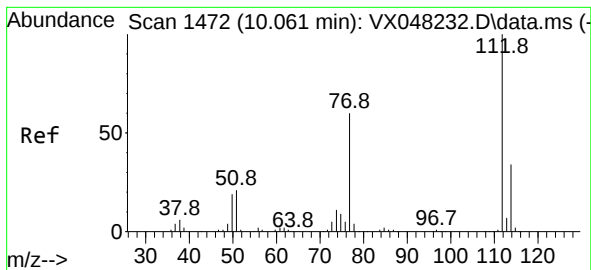
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 19.722 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion:164 Resp: 33701
Ion Ratio Lower Upper
164 100
166 129.2 104.5 156.7
129 105.0 81.8 122.6
131 99.8 77.0 115.6





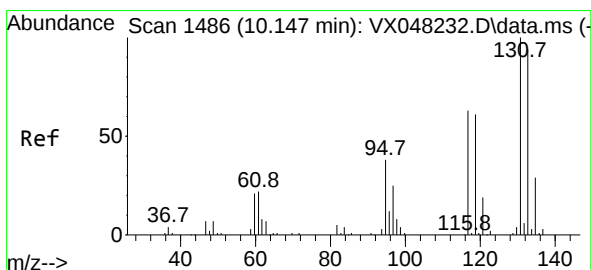
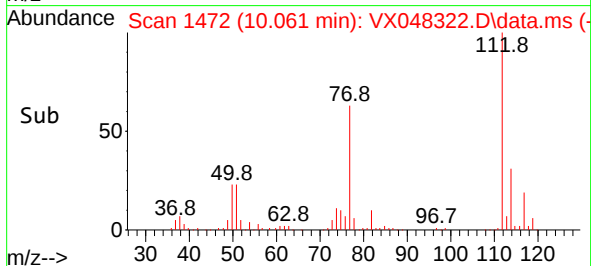
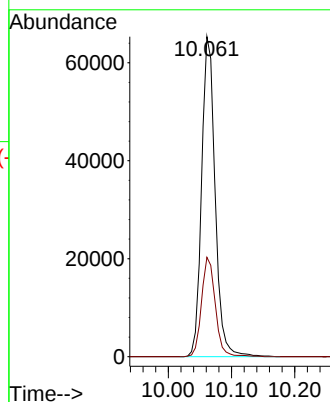
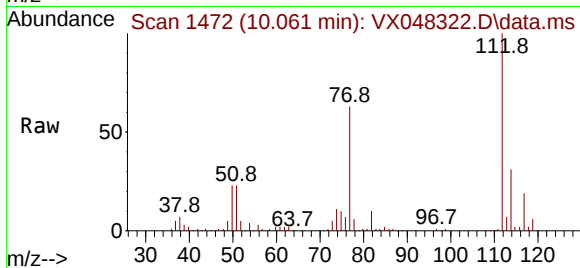
#65
Chlorobenzene
Concen: 18.915 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion:112 Resp: 97399
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2

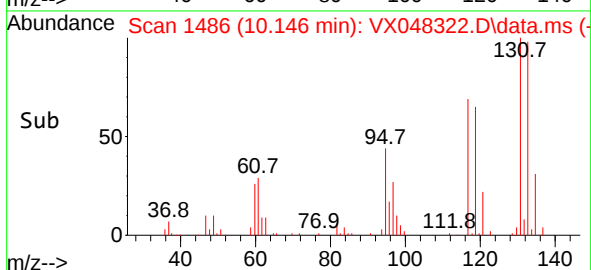
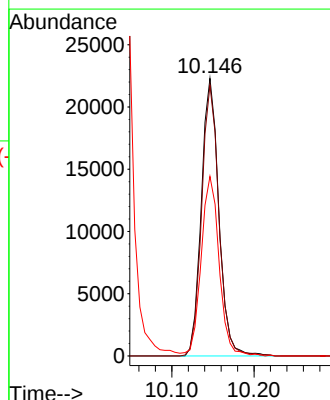
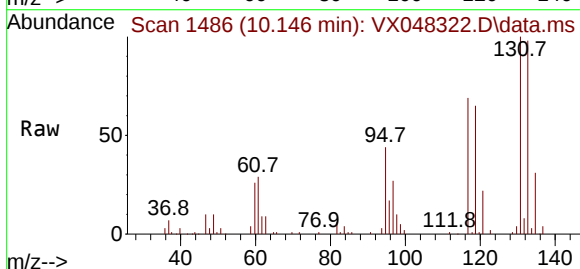
Manual Integrations
APPROVED

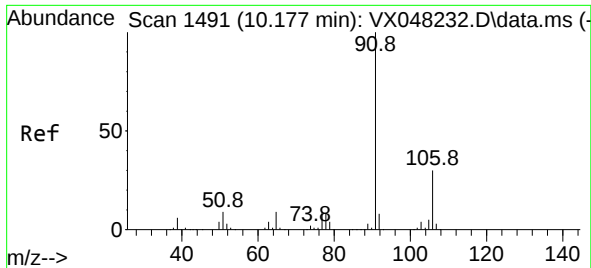
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.436 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

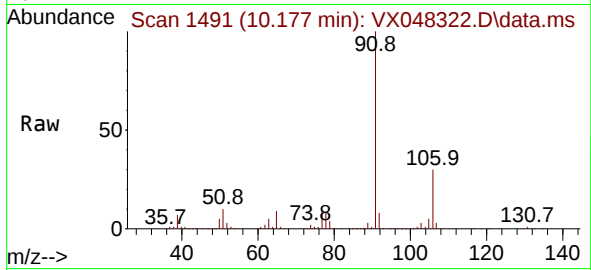
Tgt Ion:131 Resp: 32977
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.8
119 66.5 32.5 97.5





#67
Ethyl Benzene
Concen: 19.282 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

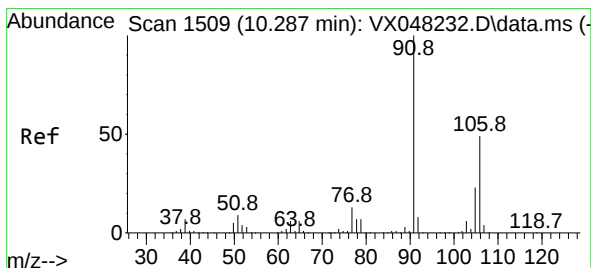
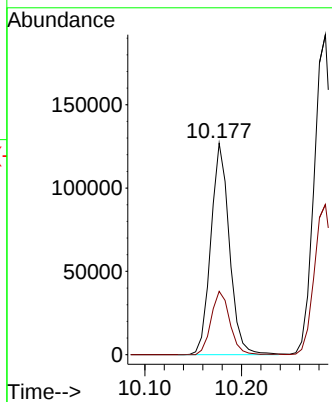
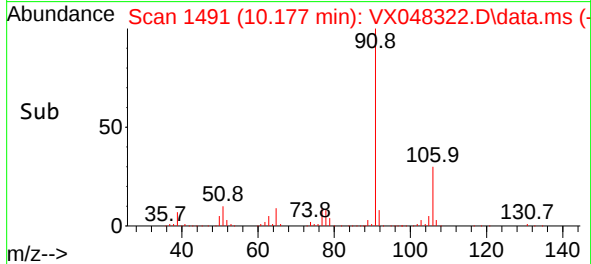
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion: 91 Resp: 169050
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

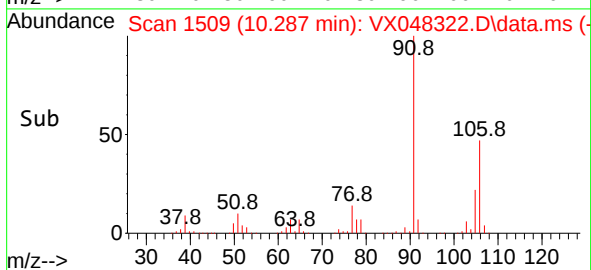
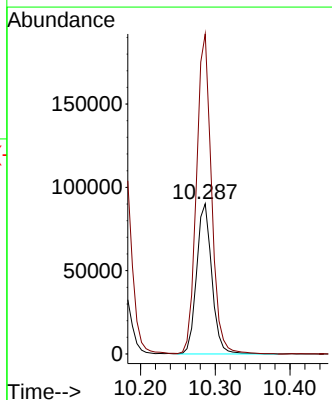
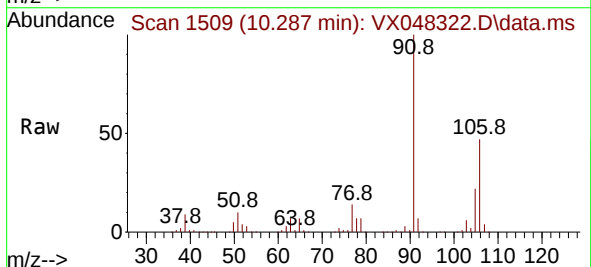
Manual Integrations
APPROVED

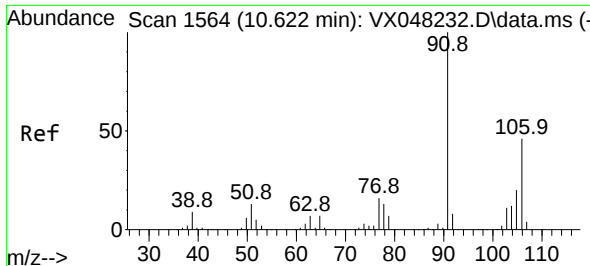
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 39.081 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion:106 Resp: 127301
Ion Ratio Lower Upper
106 100
91 210.6 167.9 251.9





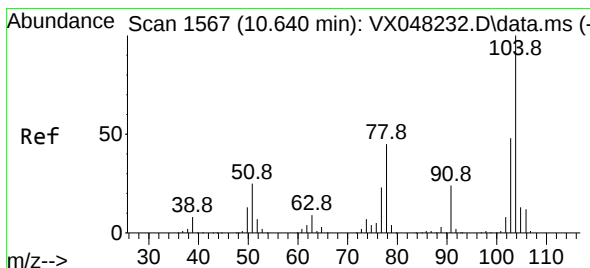
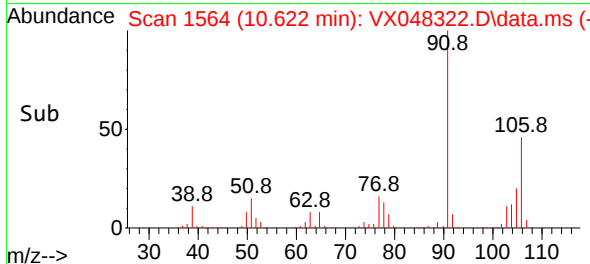
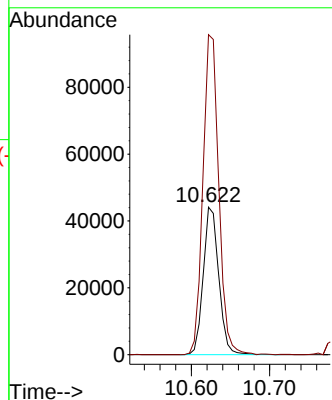
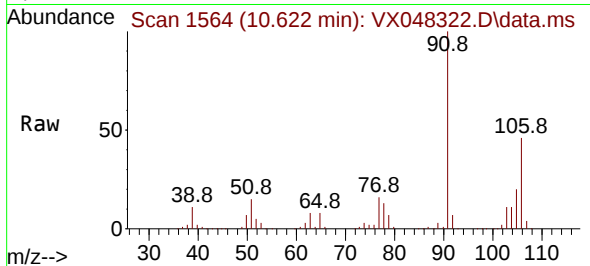
#69
o-Xylene
Concen: 19.268 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion:106 Resp: 6059
Ion Ratio Lower Upper
106 100
91 221.4 111.3 333.9

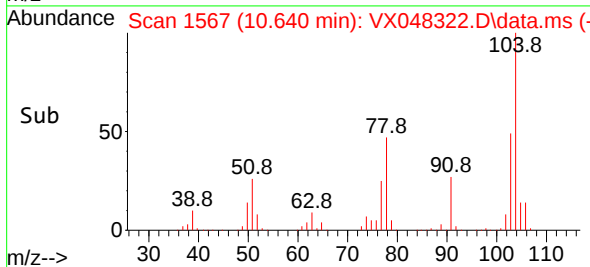
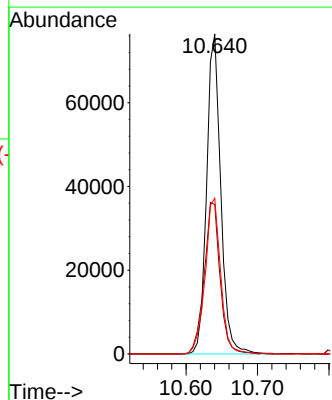
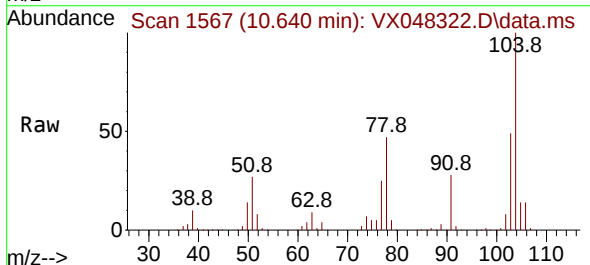
Manual Integrations
APPROVED

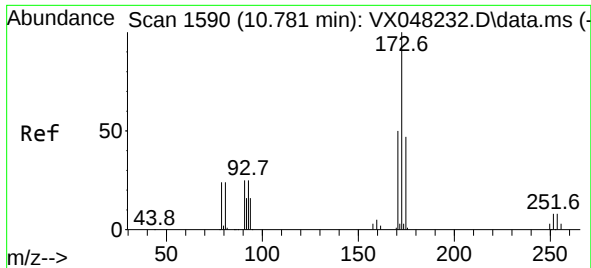
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 19.603 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

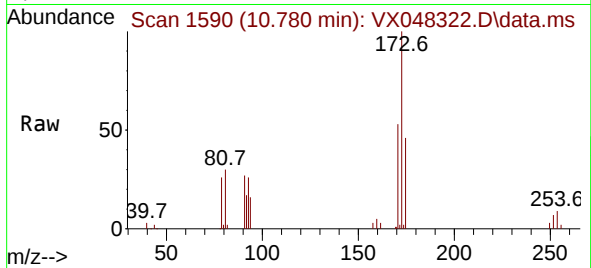
Tgt Ion:104 Resp: 104970
Ion Ratio Lower Upper
104 100
78 53.4 42.2 63.4
103 53.5 43.0 64.4





#71
Bromoform
Concen: 15.472 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

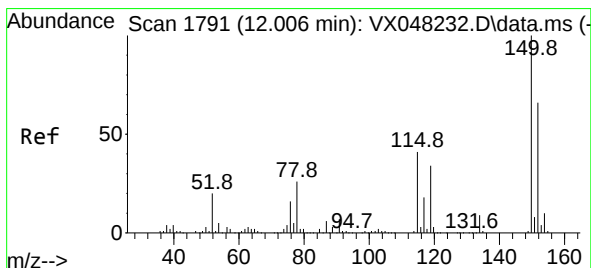
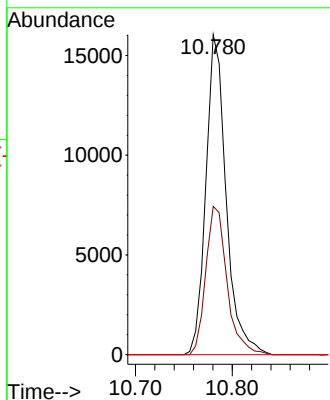
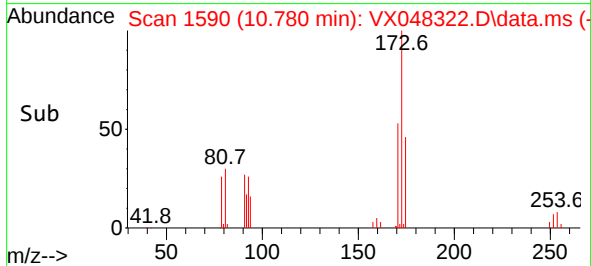
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



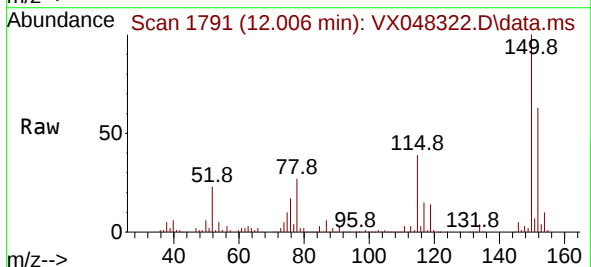
Tgt Ion:173 Resp: 2338
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

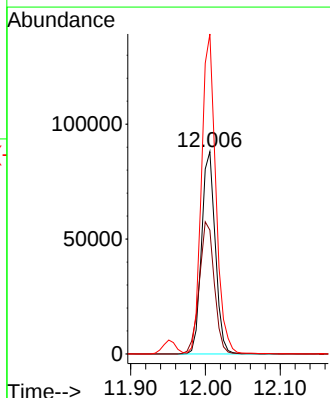
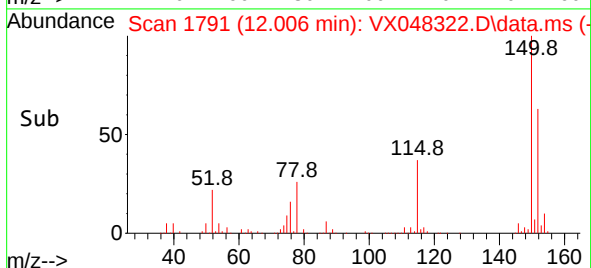
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

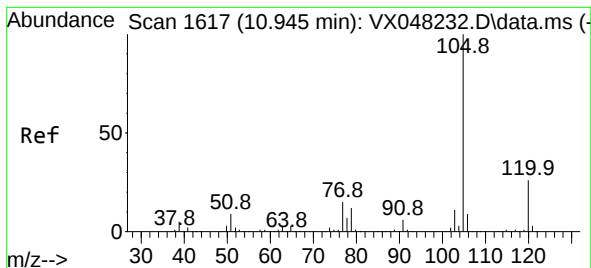


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04



Tgt Ion:152 Resp: 112100
Ion Ratio Lower Upper
152 100
115 71.5 43.1 129.4
150 165.8 0.0 353.0





#73

Isopropylbenzene

Concen: 19.546 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion:105 Resp: 160038

Ion Ratio Lower Upper

105 100

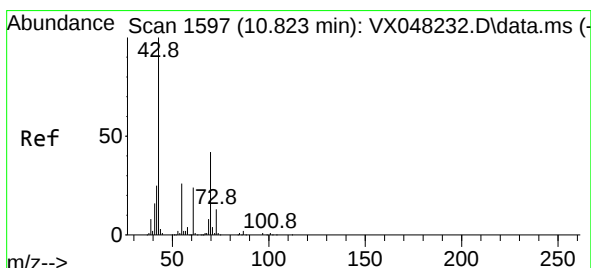
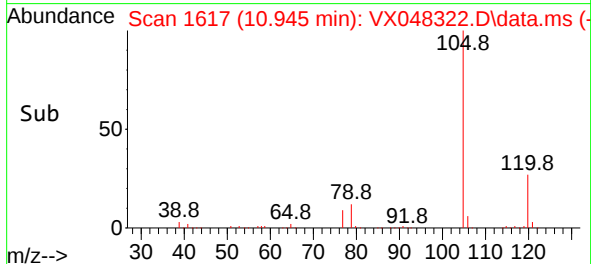
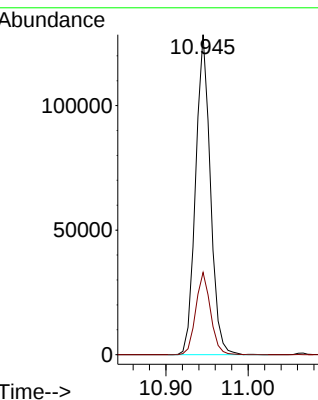
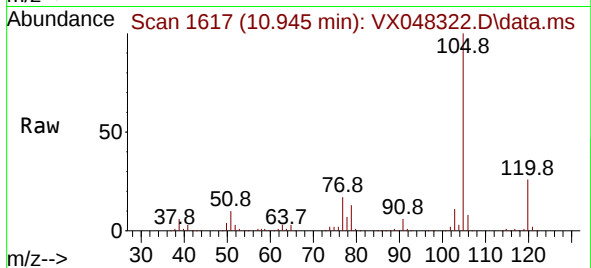
120 25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

N-ethyl acetate

Concen: 21.354 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Tgt Ion: 43 Resp: 62019

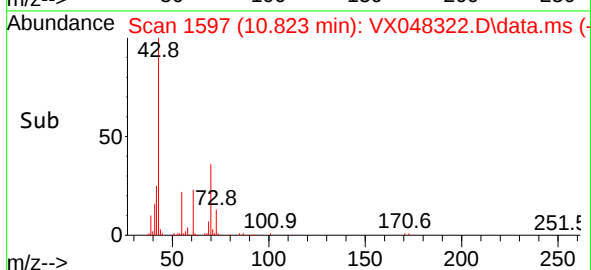
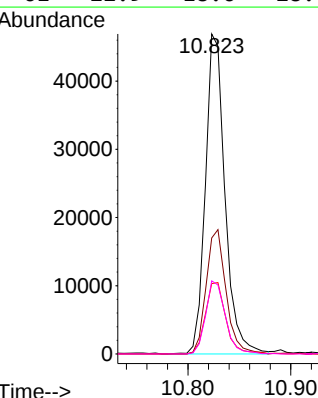
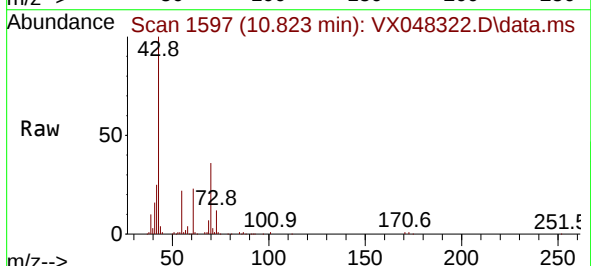
Ion Ratio Lower Upper

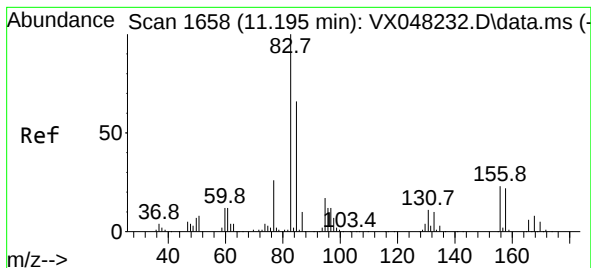
43 100

70 39.4 32.2 48.2

55 23.4 19.1 28.7

61 22.9 18.6 28.0





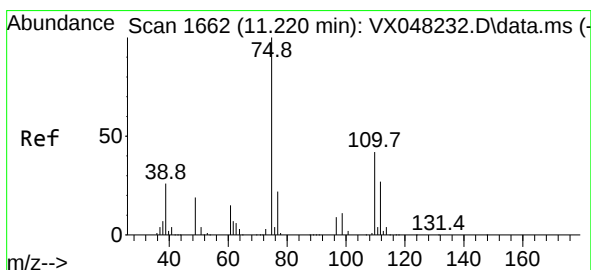
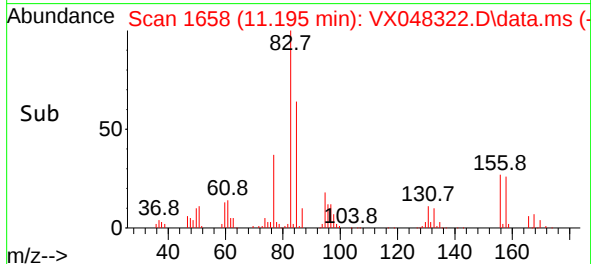
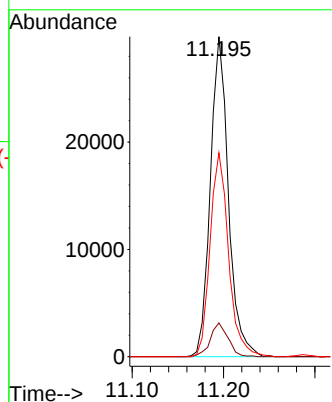
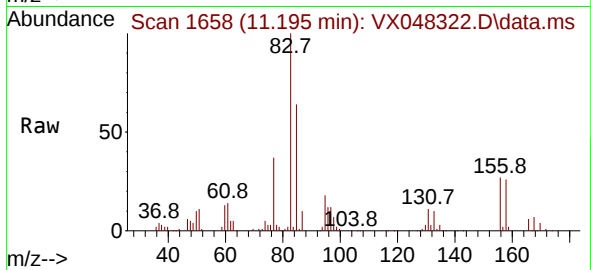
#75
1,1,2,2-Tetrachloroethane
Concen: 18.274 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 83 Resp: 4086
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 65.1 31.9 95.7

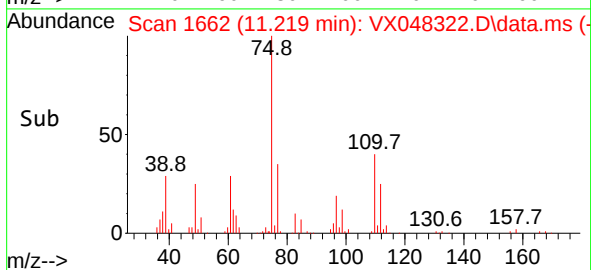
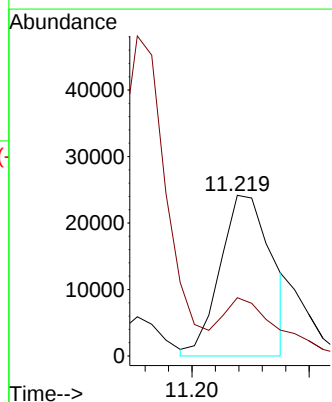
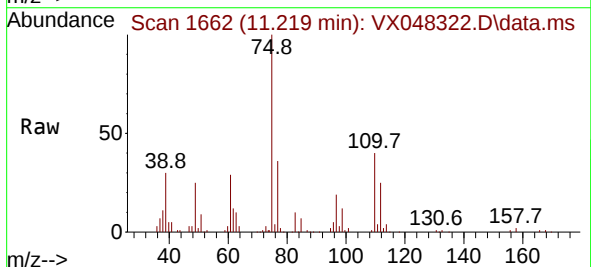
Manual Integrations
APPROVED

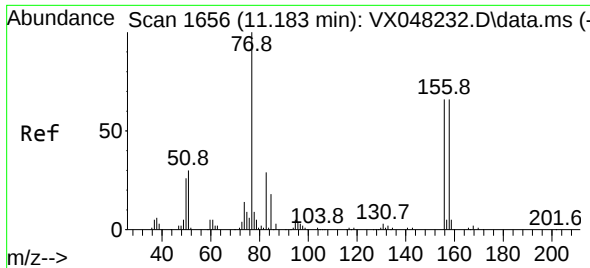
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 20.221 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

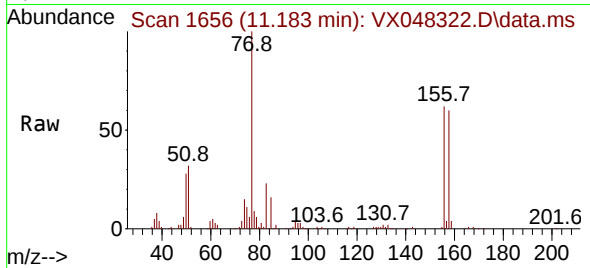
Tgt Ion: 75 Resp: 36759
Ion Ratio Lower Upper
75 100
77 38.6 22.4 67.2





#77
Bromobenzene
Concen: 19.030 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

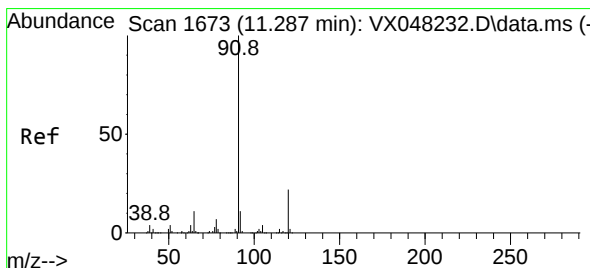
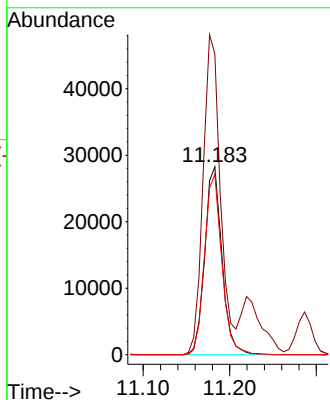
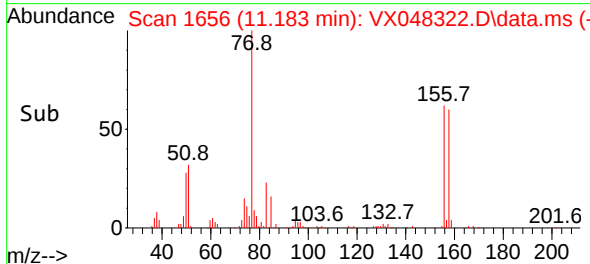
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion:156 Resp: 39069
Ion Ratio Lower Upper
156 100
77 171.7 87.0 261.0
158 96.6 47.8 143.4

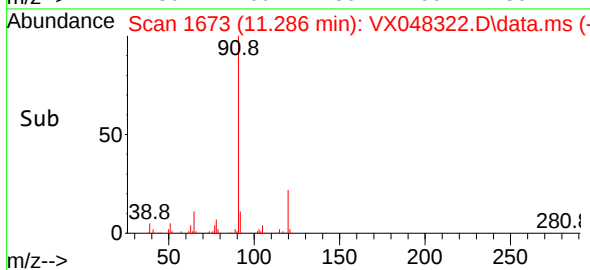
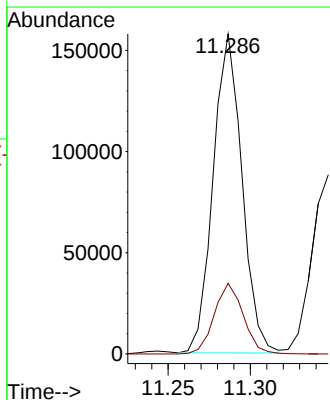
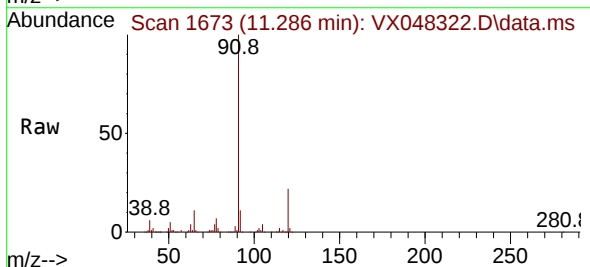
Manual Integrations
APPROVED

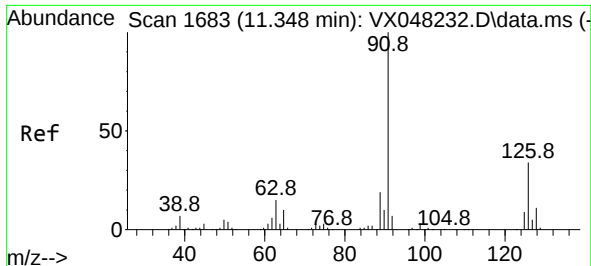
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 20.255 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 91 Resp: 192019
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





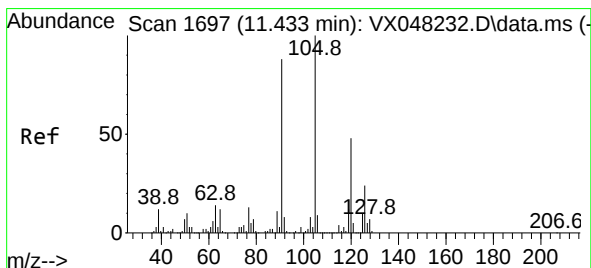
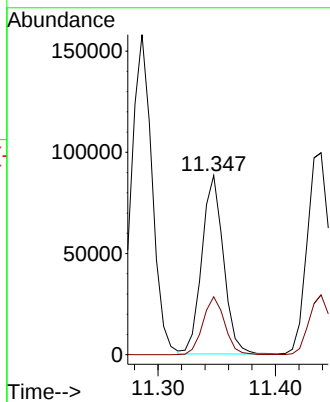
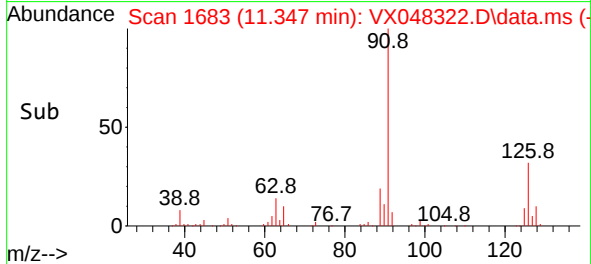
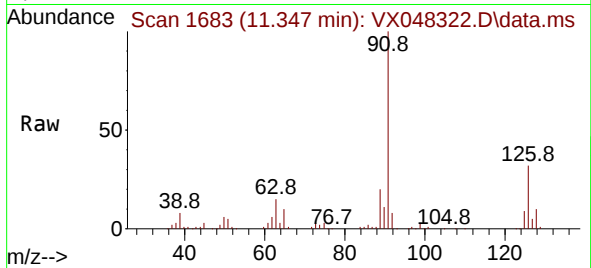
#79
2-Chlorotoluene
Concen: 19.606 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion: 91 Resp: 112688
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

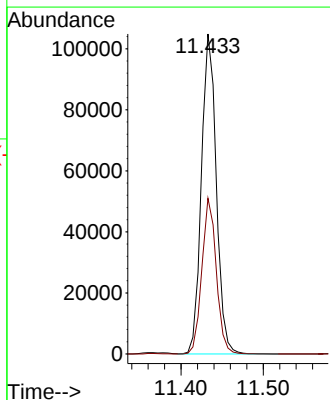
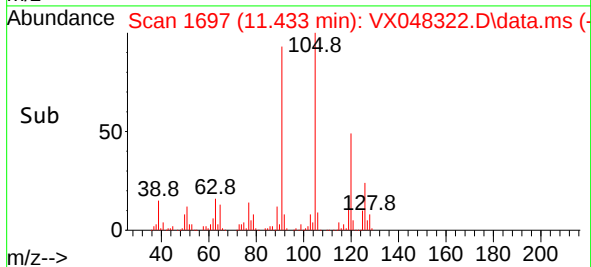
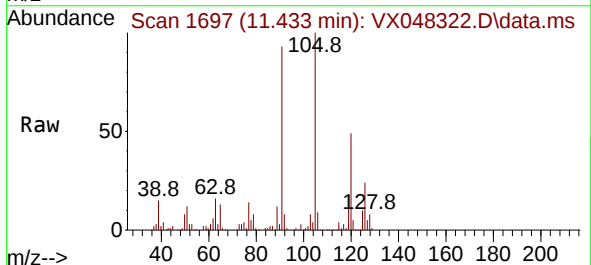
Manual Integrations
APPROVED

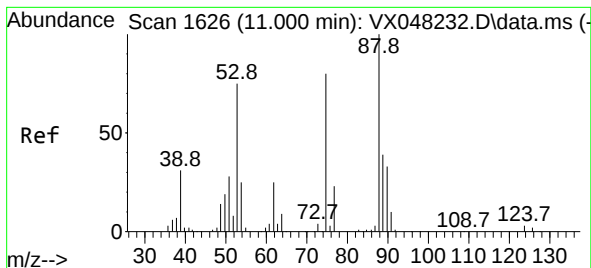
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.456 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

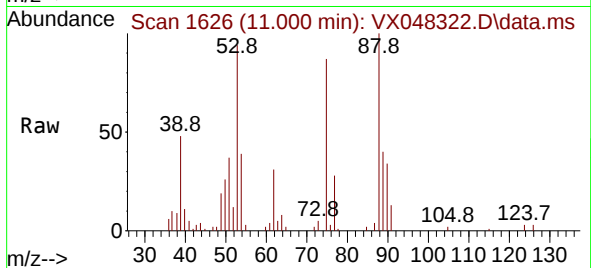
Tgt Ion:105 Resp: 131829
Ion Ratio Lower Upper
105 100
120 47.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 11.488 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

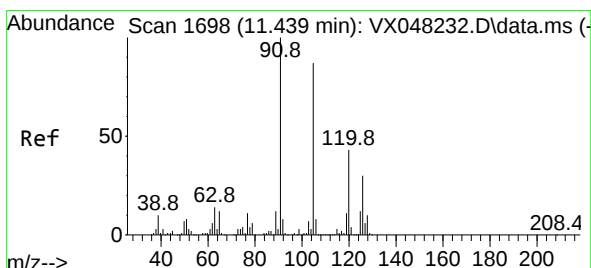
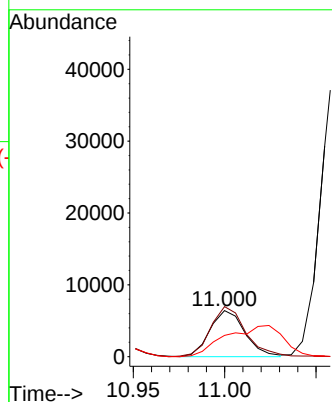
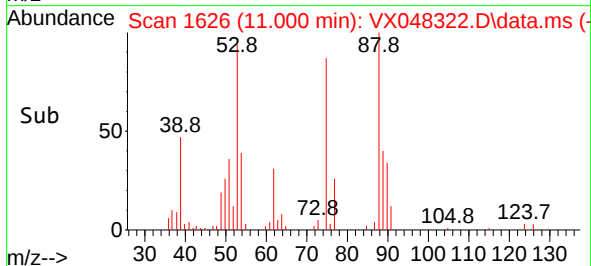
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



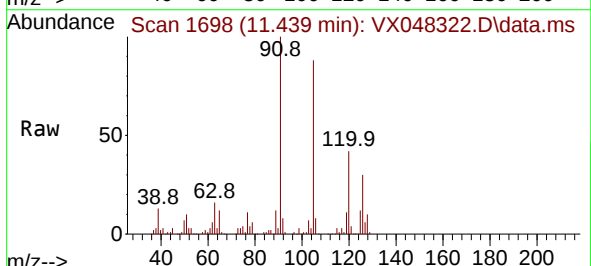
Tgt Ion: 75 Resp: 8584
Ion Ratio Lower Upper
75 100
53 110.1 79.5 119.3
89 0.0 36.8 55.2

Manual Integrations
APPROVED

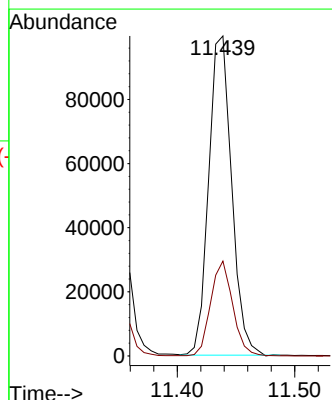
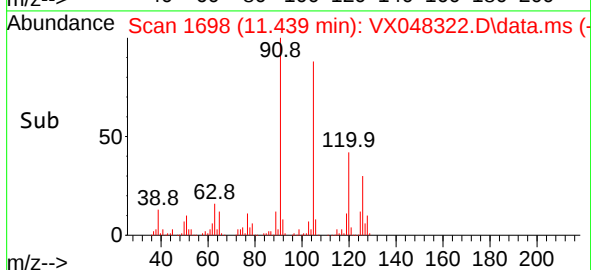
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

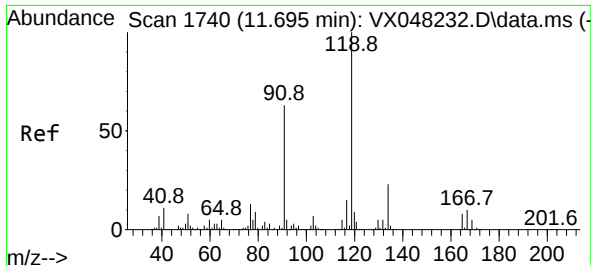


#82
4-Chlorotoluene
Concen: 19.800 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04



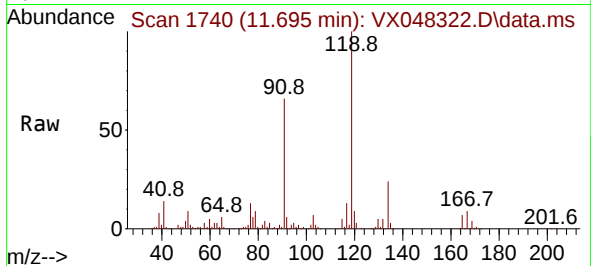
Tgt Ion: 91 Resp: 135097
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.794 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

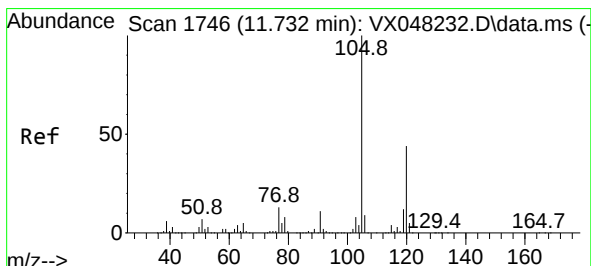
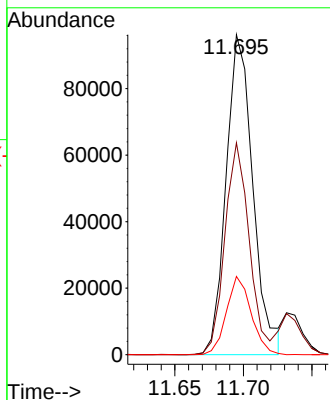
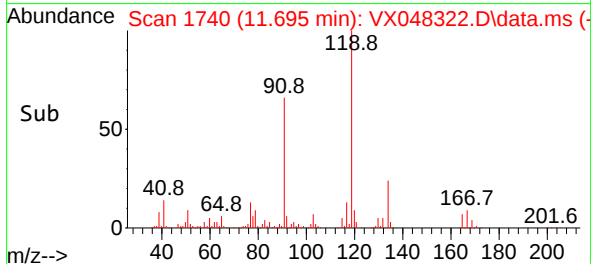
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



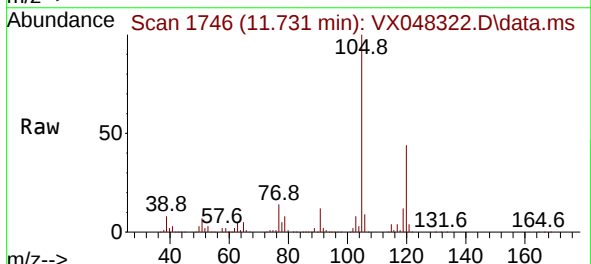
Tgt Ion:119 Resp: 130839
Ion Ratio Lower Upper
119 100
91 60.3 30.3 91.0
134 22.6 11.4 34.2

Manual Integrations
APPROVED

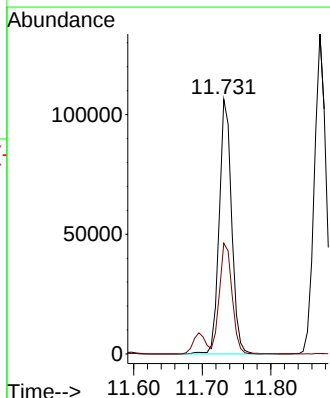
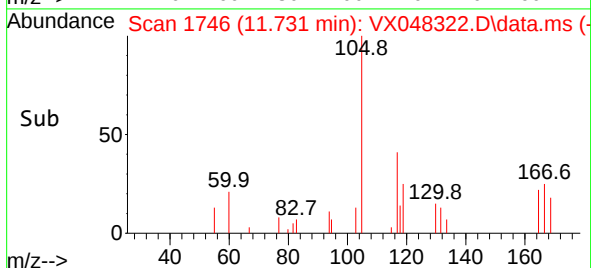
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

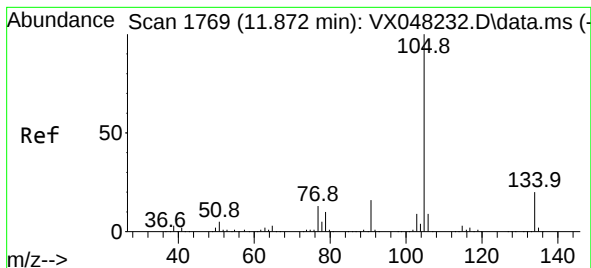


#84
1,2,4-Trimethylbenzene
Concen: 19.649 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04



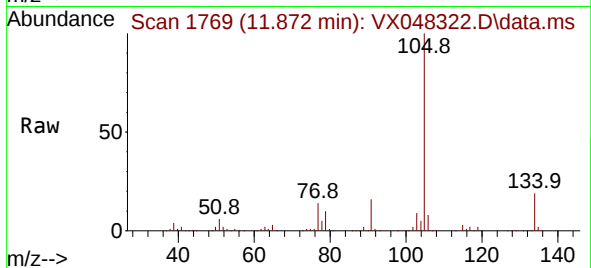
Tgt Ion:105 Resp: 132868
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 19.137 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048322.D
 Acq: 23 Oct 2025 14:04

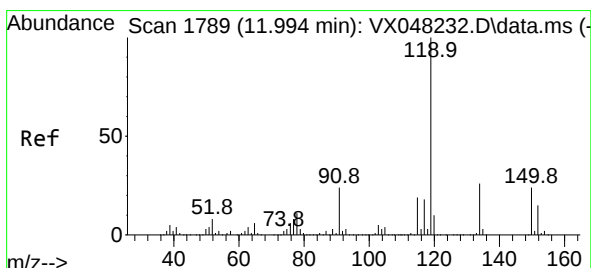
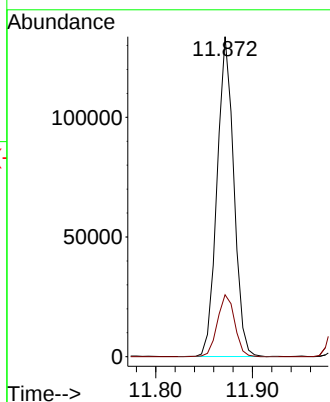
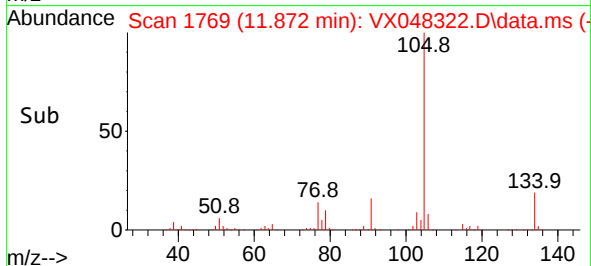
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023MBS01



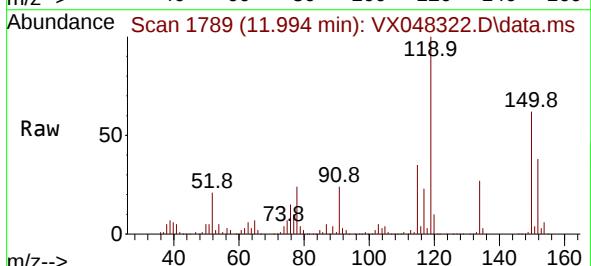
Tgt Ion:105 Resp: 16029
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

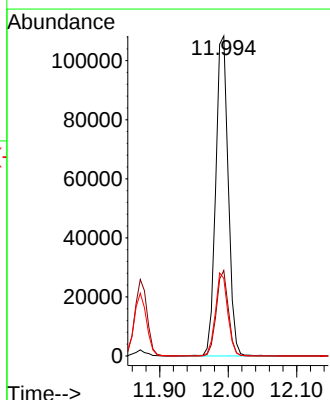
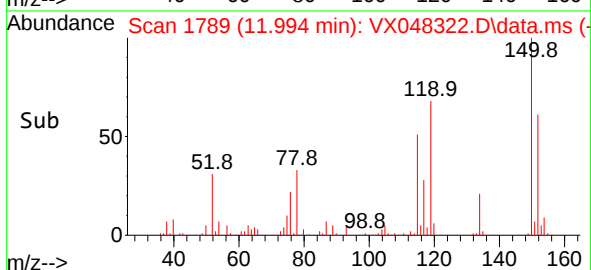
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

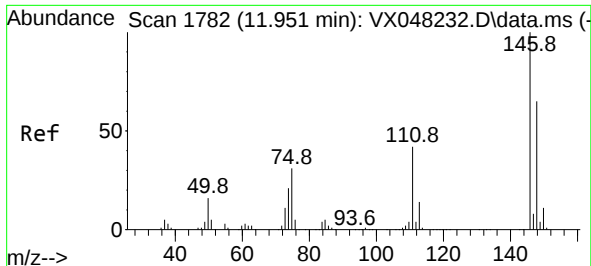


#86
 p-Isopropyltoluene
 Concen: 18.879 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048322.D
 Acq: 23 Oct 2025 14:04



Tgt Ion:119 Resp: 136680
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.868 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

Tgt Ion:146 Resp: 73020

Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.2

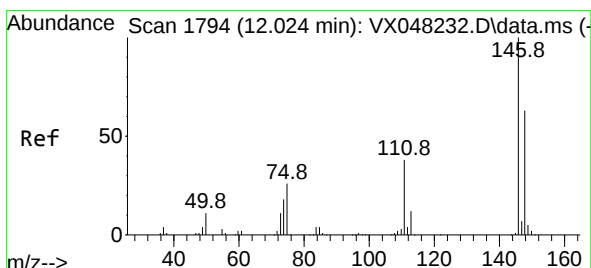
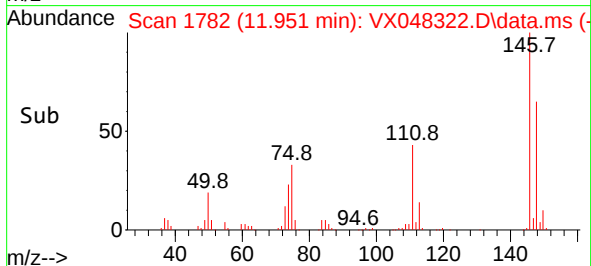
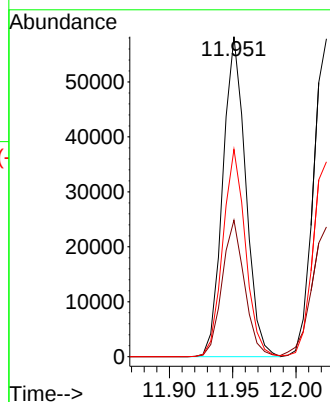
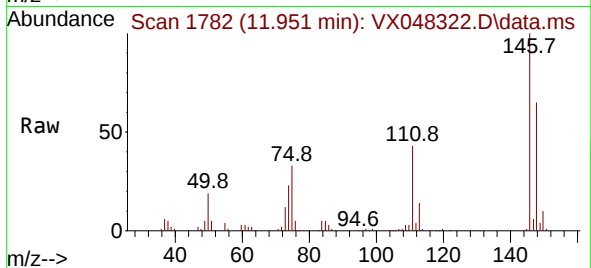
148 64.1 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 18.493 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

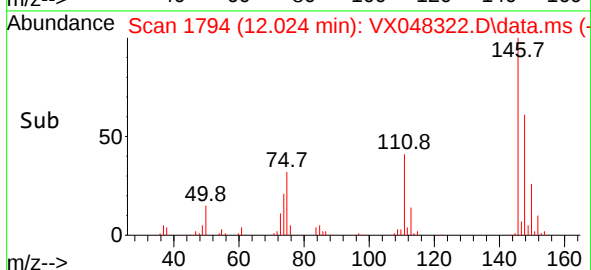
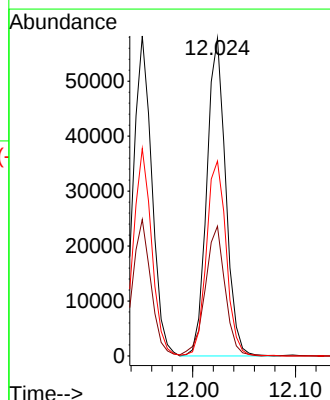
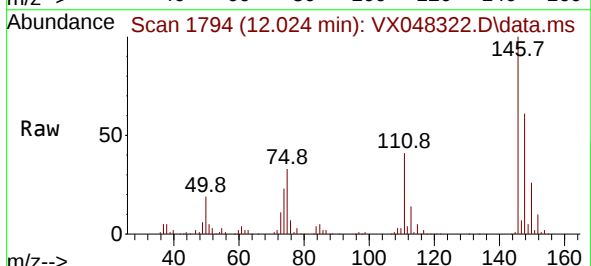
Tgt Ion:146 Resp: 74147

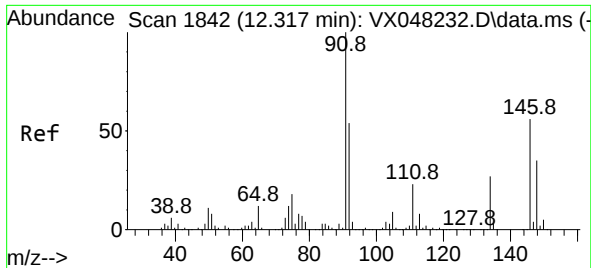
Ion Ratio Lower Upper

146 100

111 42.8 20.1 60.2

148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 18.908 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048322.D

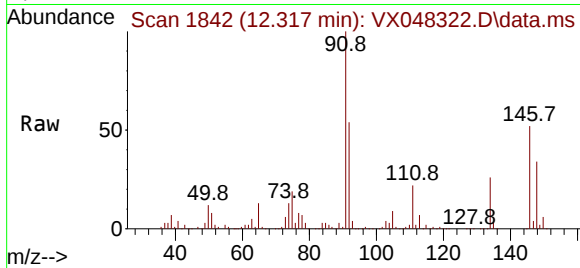
Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01



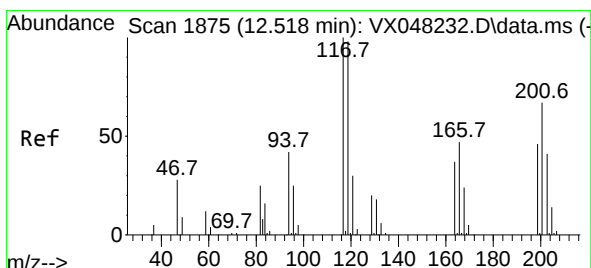
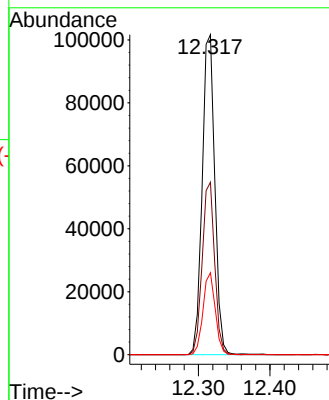
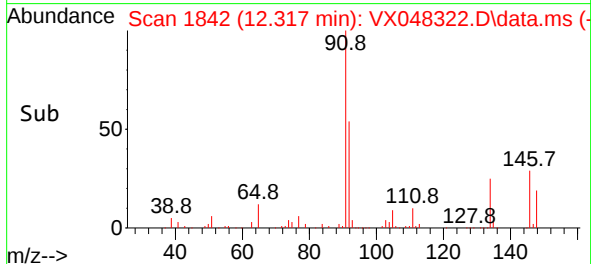
Tgt Ion:	91	Resp:	12459
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.6
134	24.8	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 14.882 ug/l

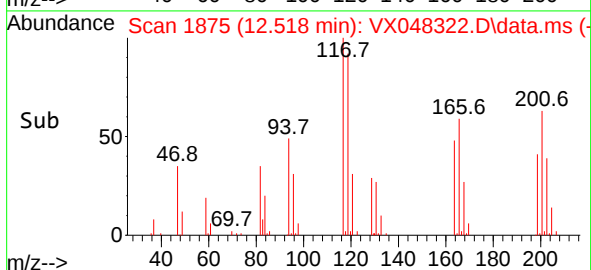
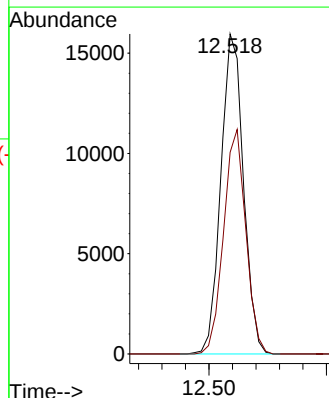
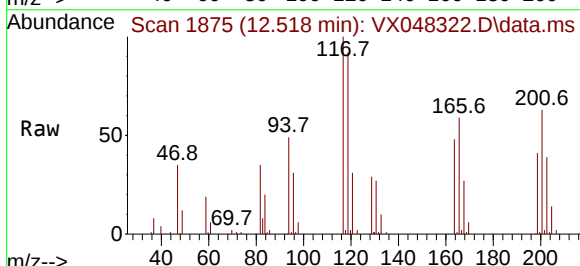
RT: 12.518 min Scan# 1875

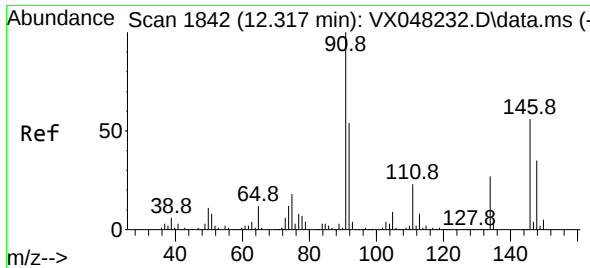
Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

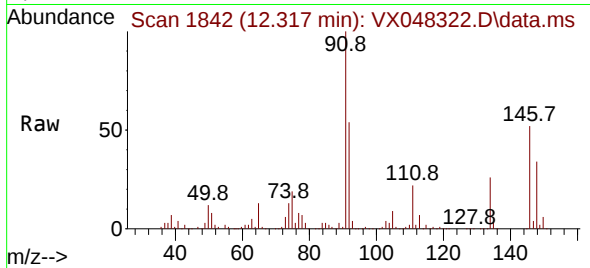
Tgt Ion:	117	Resp:	21276
Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.1	102.2





#91
1,2-Dichlorobenzene
Concen: 18.800 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

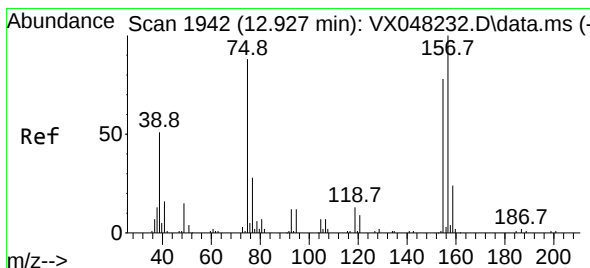
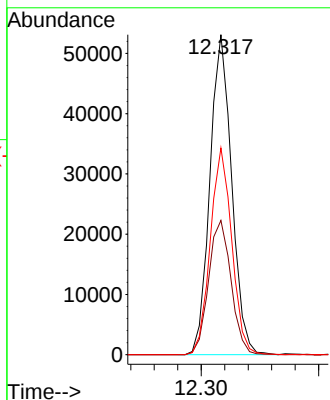
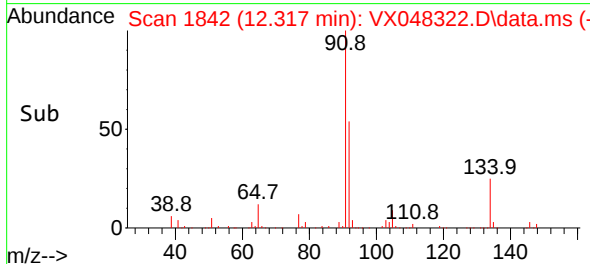
Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01



Tgt Ion:146 Resp: 6831
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.5
148 63.8 31.9 95.5

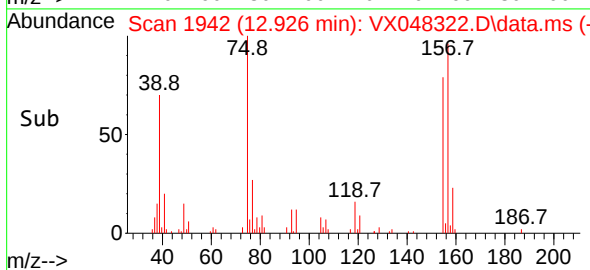
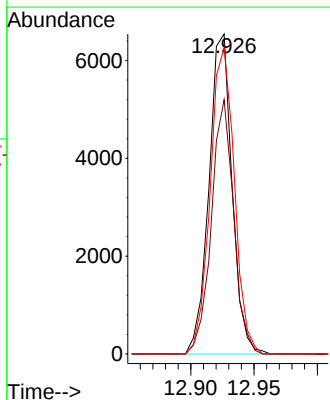
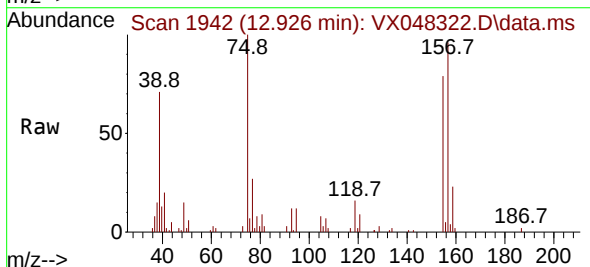
Manual Integrations
APPROVED

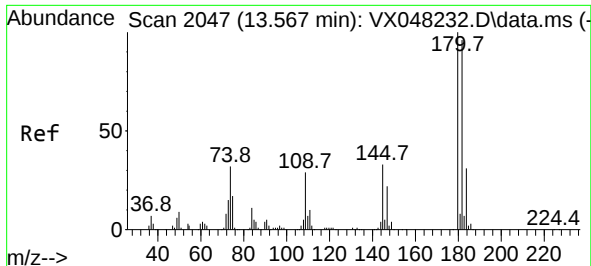
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.318 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion: 75 Resp: 8314
Ion Ratio Lower Upper
75 100
155 76.3 42.8 128.4
157 99.8 54.2 162.6





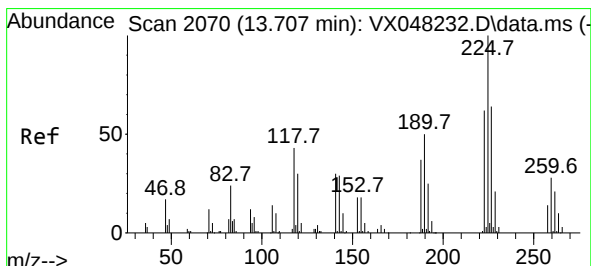
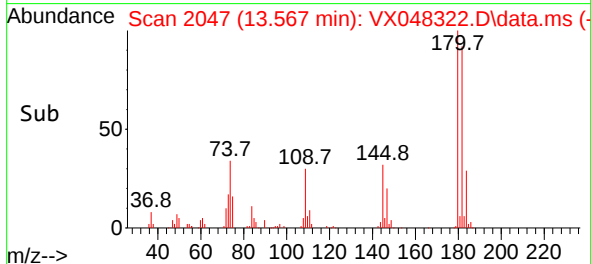
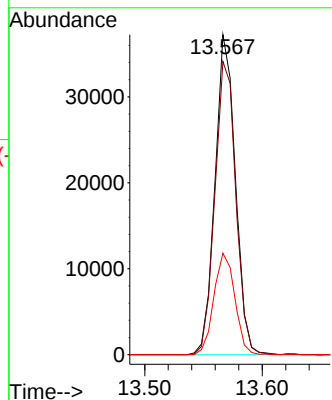
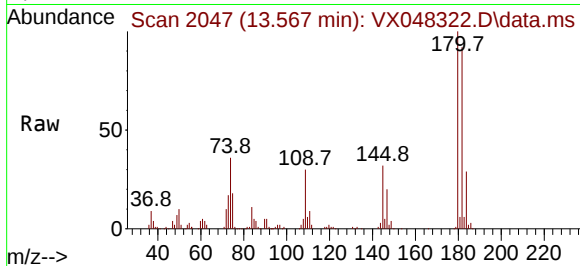
#93
1,2,4-Trichlorobenzene
Concen: 18.228 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
VX1023MBS01

Tgt Ion:180 Resp: 44794
Ion Ratio Lower Upper
180 100
182 94.2 47.3 142.0
145 32.6 16.3 48.9

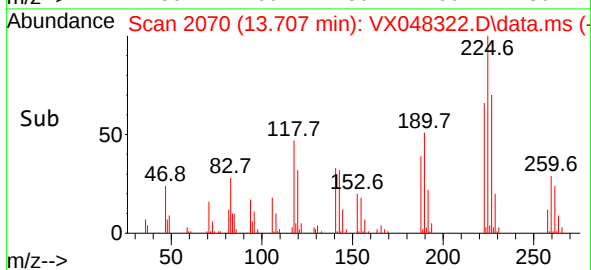
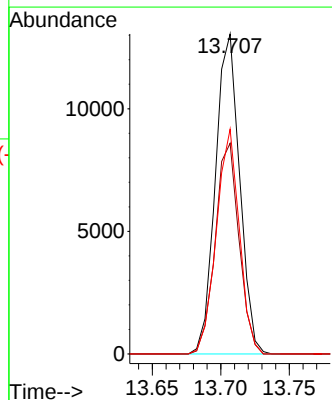
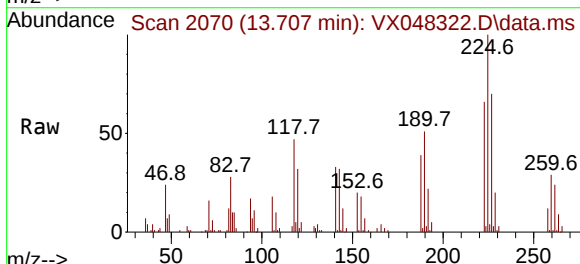
Manual Integrations
APPROVED

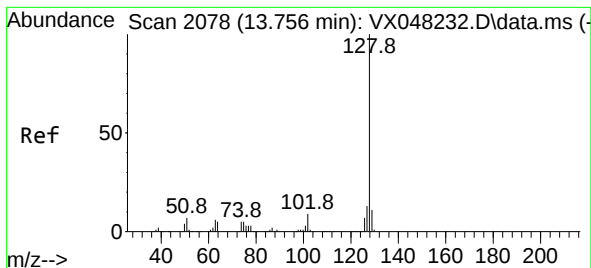
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#94
Hexachlorobutadiene
Concen: 17.424 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048322.D
Acq: 23 Oct 2025 14:04

Tgt Ion:225 Resp: 16005
Ion Ratio Lower Upper
225 100
223 64.9 32.6 97.7
227 66.6 32.5 97.4





#95

Naphthalene

Concen: 19.116 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

VX1023MBS01

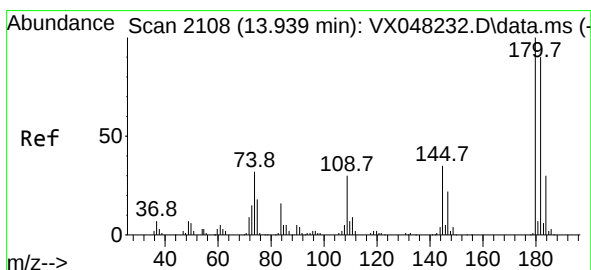
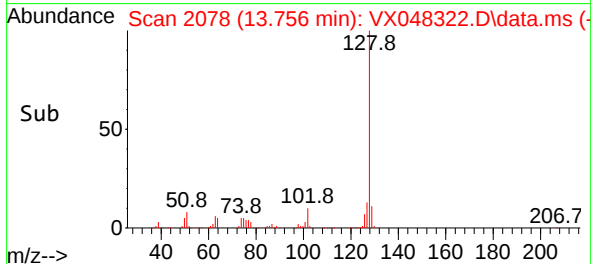
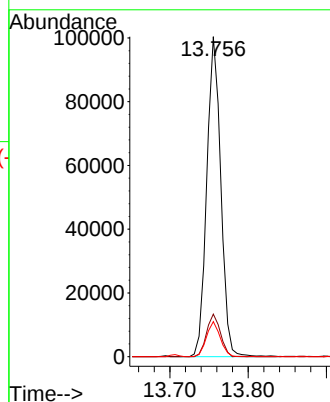
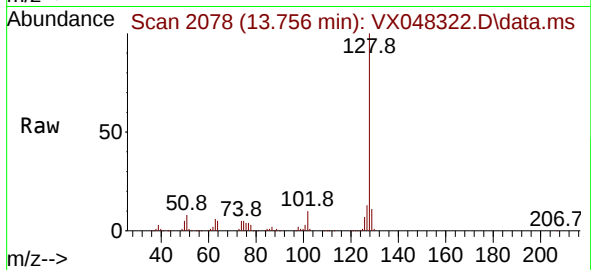
Tgt Ion:	128	Resp:	124458
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.102 ug/l

RT: 13.944 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048322.D

Acq: 23 Oct 2025 14:04

Tgt Ion:	180	Resp:	40820
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.6	139.7
145	34.2	16.9	50.7

