

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048200.D
 Acq On : 17 Oct 2025 09:35
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 17 23:52:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	152243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	45441	19.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.540%#		
35) Dibromofluoromethane	5.373	113	35347	19.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.260%#		
50) Toluene-d8	8.634	98	123286	19.003	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.000%#		
62) 4-Bromofluorobenzene	11.061	95	44537	18.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	28393	17.769	ug/l	96
3) Chloromethane	1.300	50	34807	17.981	ug/l	96
4) Vinyl Chloride	1.380	62	36678	17.981	ug/l	98
5) Bromomethane	1.624	94	25004	18.725	ug/l	94
6) Chloroethane	1.697	64	23829	18.357	ug/l	93
7) Trichlorofluoromethane	1.898	101	59127	18.467	ug/l	98
8) Diethyl Ether	2.136	74	19758	18.092	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	32626	18.083	ug/l	99
10) Methyl Iodide	2.459	142	35802	16.567	ug/l	96
11) Tert butyl alcohol	2.940	59	13042	83.338	ug/l	100
12) 1,1-Dichloroethene	2.325	96	31576	17.899	ug/l	99
13) Acrolein	2.239	56	30162	91.708	ug/l	98
14) Allyl chloride	2.666	41	57446	18.102	ug/l	98
15) Acrylonitrile	3.056	53	72649	96.879	ug/l	99
16) Acetone	2.373	43	78714	97.833	ug/l	98
17) Carbon Disulfide	2.514	76	99127	18.263	ug/l	100
18) Methyl Acetate	2.703	43	31105	18.981	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	99980	18.814	ug/l	97
20) Methylene Chloride	2.788	84	36931	18.842	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	33933	18.592	ug/l	96
22) Diisopropyl ether	3.751	45	117739	18.948	ug/l	97
23) Vinyl Acetate	3.715	43	445135	95.805	ug/l	99
24) 1,1-Dichloroethane	3.605	63	67274	19.084	ug/l	98
25) 2-Butanone	4.538	43	88683	94.609	ug/l	98
26) 2,2-Dichloropropane	4.465	77	54360	18.041	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	40384	18.644	ug/l	99
28) Bromochloromethane	4.885	49	26888	16.547	ug/l	99
29) Tetrahydrofuran	4.995	42	51429	93.427	ug/l	97
30) Chloroform	5.080	83	68996	18.590	ug/l	94
31) Cyclohexane	5.464	56	55383	19.200	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	58321	19.125	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44106	17.386	ug/l	99
37) Ethyl Acetate	4.702	43	38648	19.063	ug/l	97
38) Carbon Tetrachloride	5.666	117	52596	18.063	ug/l	97
39) Methylcyclohexane	7.366	83	52276	18.276	ug/l	99
40) Benzene	6.025	78	137544	18.259	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20924	19.271	ug/l	96
42) 1,2-Dichloroethane	6.068	62	51415	19.051	ug/l	99
43) Isopropyl Acetate	6.324	43	63854	18.762	ug/l	100
44) Trichloroethene	7.110	130	35880	18.900	ug/l	100
45) 1,2-Dichloropropane	7.415	63	37083	19.451	ug/l	97
46) Dibromomethane	7.568	93	25284	18.432	ug/l	96
47) Bromodichloromethane	7.805	83	56507	19.060	ug/l	99
48) Methyl methacrylate	7.677	41	33005	18.945	ug/l	99
49) 1,4-Dioxane	7.641	88	6318	402.877	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	182185	96.201	ug/l	99
52) Toluene	8.702	92	85262	18.832	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	52066	18.746	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	57193	18.893	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	32118	19.012	ug/l	98
56) Ethyl methacrylate	9.104	69	43616	18.983	ug/l	97
57) 1,3-Dichloropropane	9.293	76	56015	18.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	109951	87.551	ug/l	98
59) 2-Hexanone	9.415	43	127723	96.420	ug/l	98
60) Dibromochloromethane	9.506	129	40353	19.084	ug/l	100
61) 1,2-Dibromoethane	9.592	107	32476	18.749	ug/l	99
64) Tetrachloroethene	9.256	164	29834	18.076	ug/l	96
65) Chlorobenzene	10.061	112	95567	18.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	33146	17.871	ug/l	99
67) Ethyl Benzene	10.177	91	159512	18.078	ug/l	99
68) m/p-Xylenes	10.287	106	122901	37.388	ug/l	100
69) o-Xylene	10.622	106	56391	18.223	ug/l	98
70) Styrene	10.640	104	100737	18.912	ug/l	100
71) Bromoform	10.780	173	24913	18.292	ug/l #	100
73) Isopropylbenzene	10.945	105	147885	18.467	ug/l	99
74) N-amyl acetate	10.829	43	54555	18.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42852	18.889	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	32033m	18.220	ug/l	
77) Bromobenzene	11.183	156	36931	18.429	ug/l	98
78) n-propylbenzene	11.286	91	180587	18.596	ug/l	99
79) 2-Chlorotoluene	11.347	91	110822	18.889	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	123979	18.861	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12895	17.959	ug/l	95
82) 4-Chlorotoluene	11.439	91	129814	18.828	ug/l	100
83) tert-Butylbenzene	11.695	119	120319	18.118	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	124103	18.960	ug/l	98
85) sec-Butylbenzene	11.872	105	149810	18.453	ug/l	98
86) p-Isopropyltoluene	11.994	119	126086	18.425	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	68717	18.336	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	70018	18.024	ug/l	97
89) n-Butylbenzene	12.311	91	113088	17.742	ug/l	99
90) Hexachloroethane	12.518	117	25630	17.745	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	64353	18.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7531	18.167	ug/l	90
93) 1,2,4-Trichlorobenzene	13.567	180	36816	17.613	ug/l	99
94) Hexachlorobutadiene	13.707	225	13549	16.807	ug/l	98
95) Naphthalene	13.756	128	99425	18.045	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	33905	17.580	ug/l	96

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ClientSampleId :
VSTDICC020

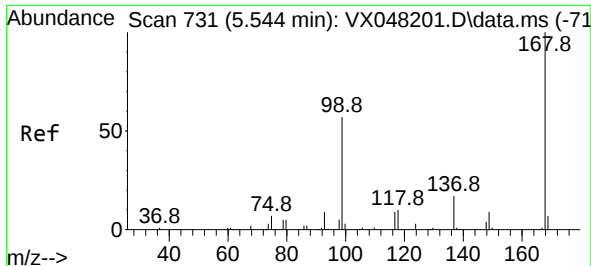
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/20/2025

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Response via : Initial Calibration

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



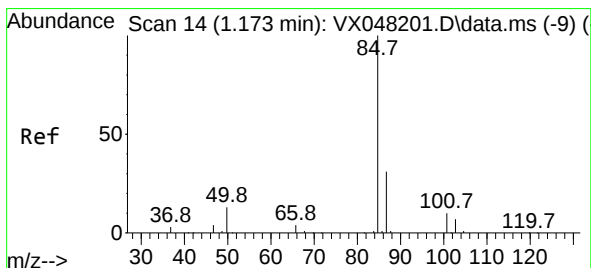
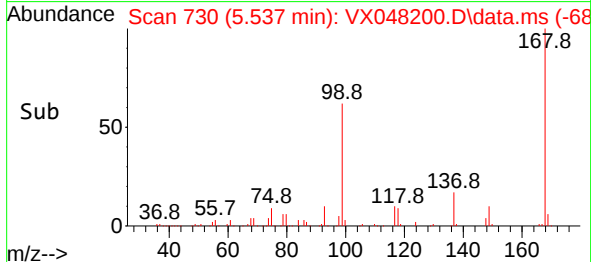
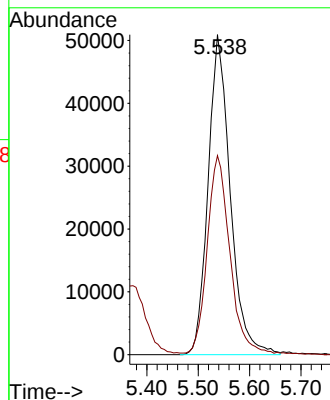
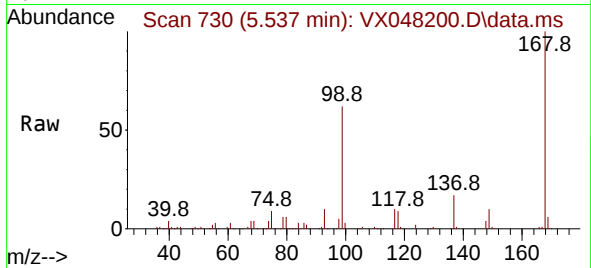
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 15224
Ion Ratio Lower Upper
168 100
99 61.7 46.4 69.6

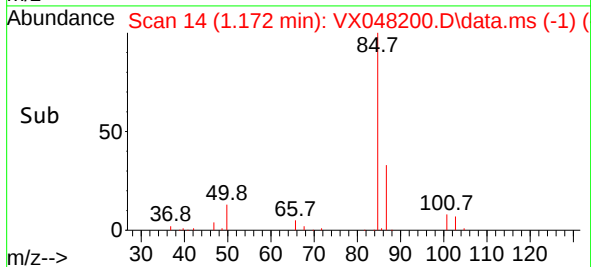
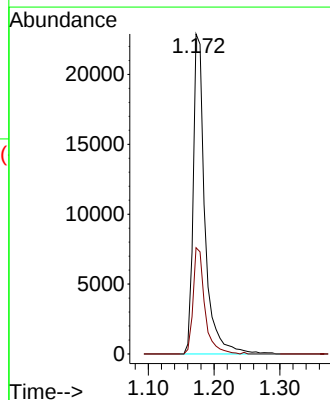
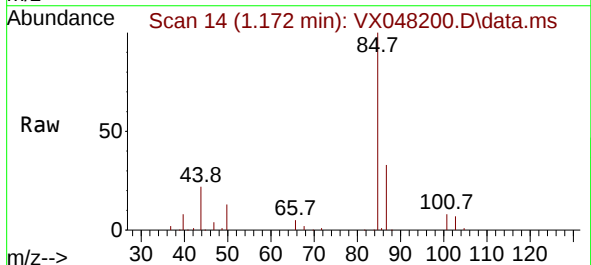
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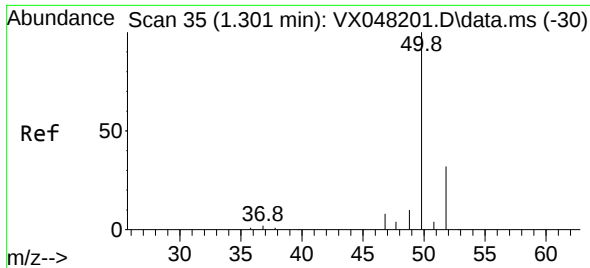
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#2
Dichlorodifluoromethane
Concen: 17.769 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 85 Resp: 28393
Ion Ratio Lower Upper
85 100
87 32.9 15.3 45.9





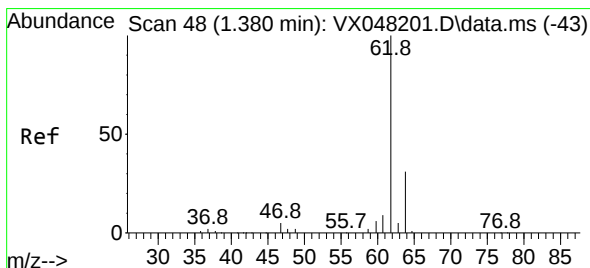
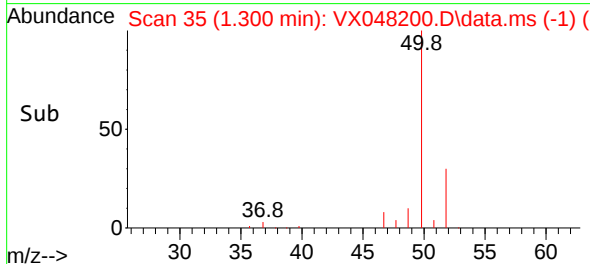
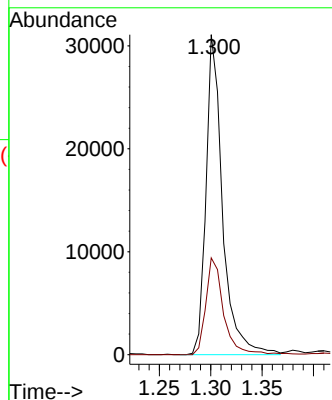
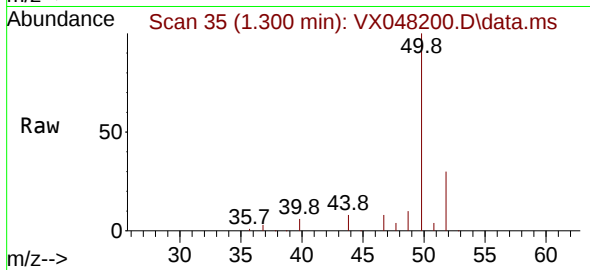
#3
Chloromethane
Concen: 17.981 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 3480
Ion Ratio Lower Upper
50 100
52 30.3 25.9 38.9

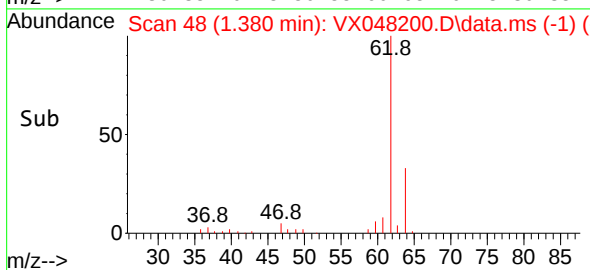
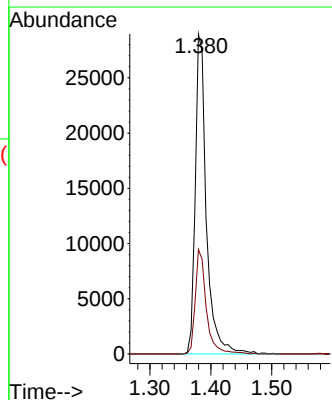
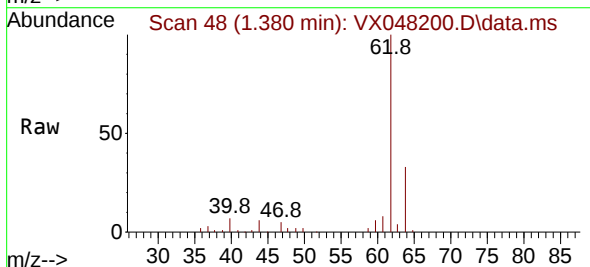
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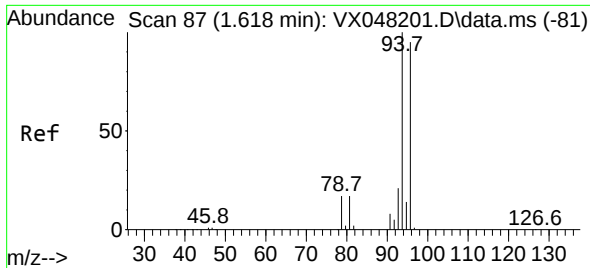
Reviewed By :John Carlone 10/20/2025
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#4
Vinyl Chloride
Concen: 17.981 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 62 Resp: 36678
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7





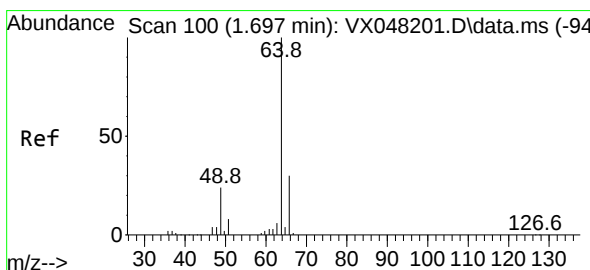
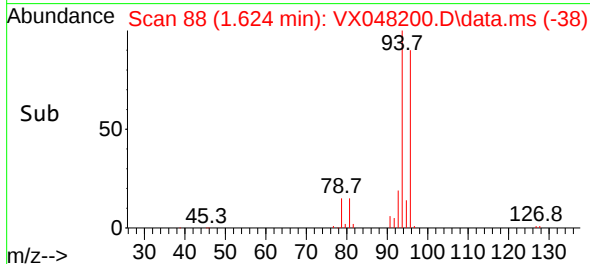
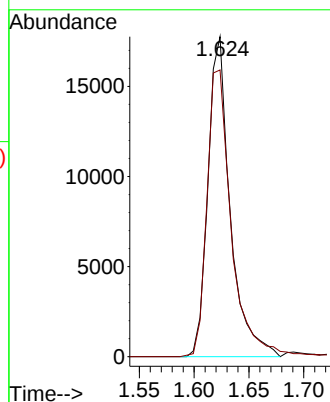
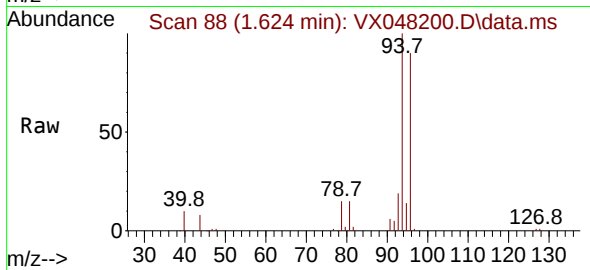
#5
Bromomethane
Concen: 18.725 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 25004
Ion Ratio Lower Upper
94 100
96 89.6 76.0 114.0

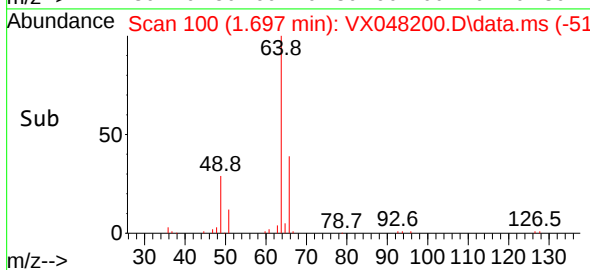
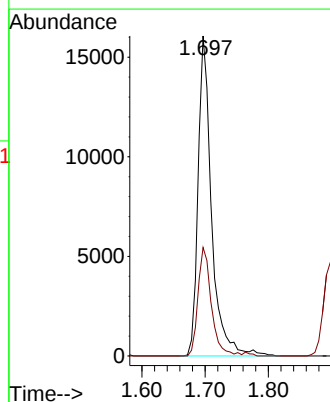
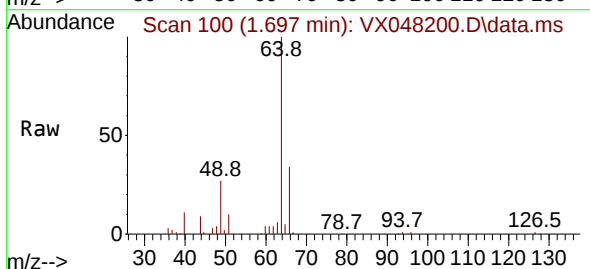
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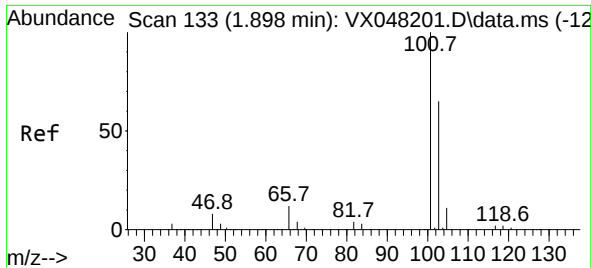
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#6
Chloroethane
Concen: 18.357 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 64 Resp: 23829
Ion Ratio Lower Upper
64 100
66 33.9 23.9 35.9





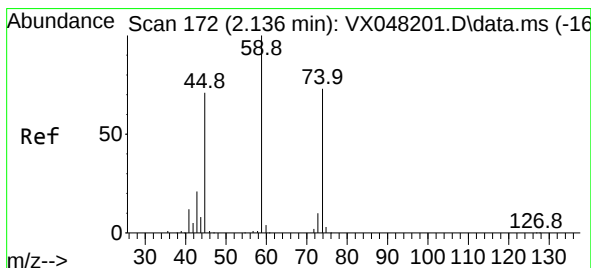
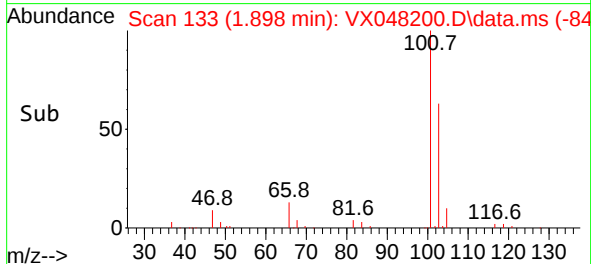
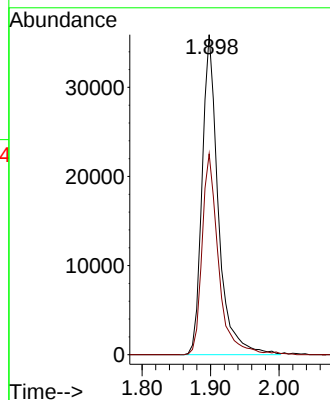
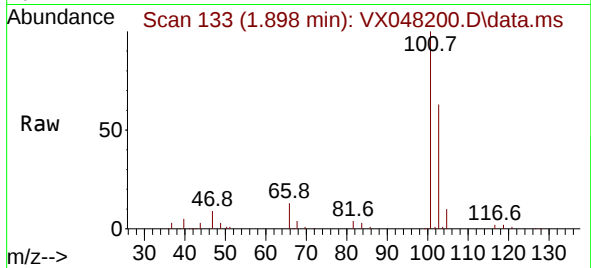
#7
Trichlorofluoromethane
Concen: 18.467 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 5912
Ion Ratio Lower Upper
101 100
103 62.8 51.6 77.4

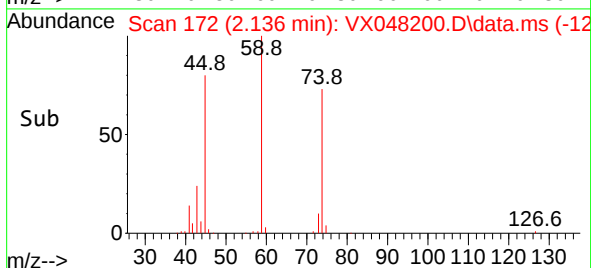
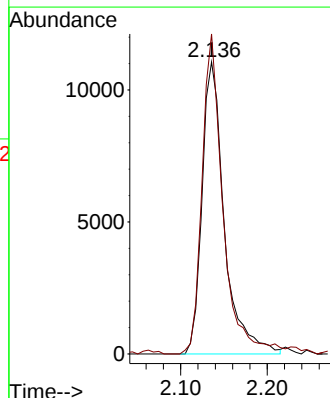
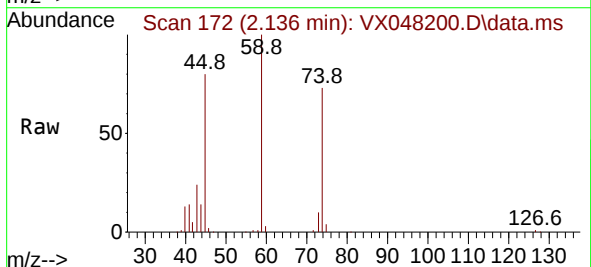
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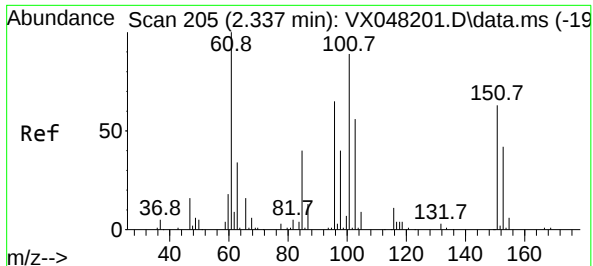
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#8
Diethyl Ether
Concen: 18.092 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 74 Resp: 19758
Ion Ratio Lower Upper
74 100
45 102.9 50.0 149.8





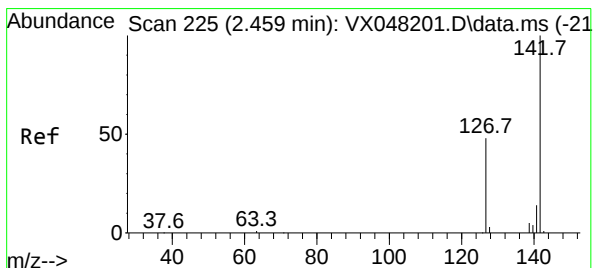
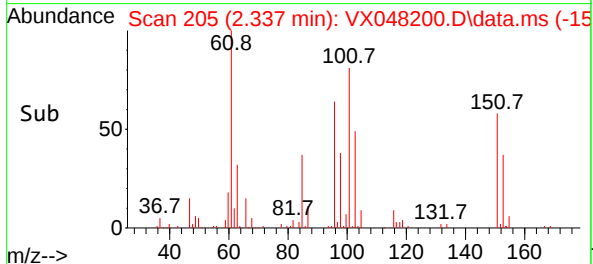
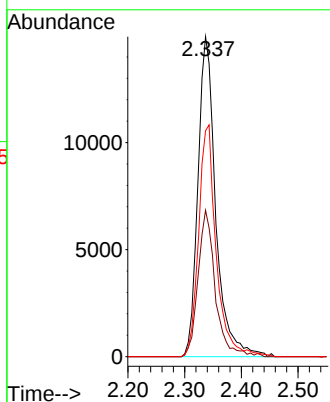
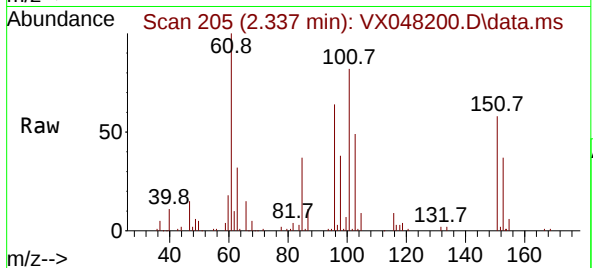
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.083 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 32620
Ion Ratio Lower Upper
101 100
85 44.3 35.6 53.4
151 71.6 58.0 87.0

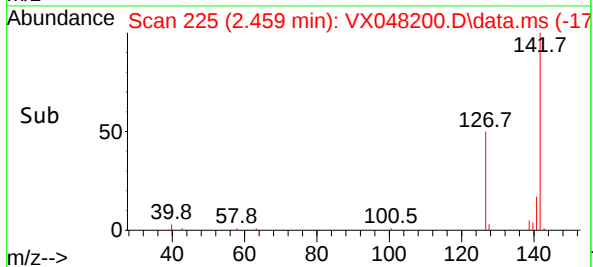
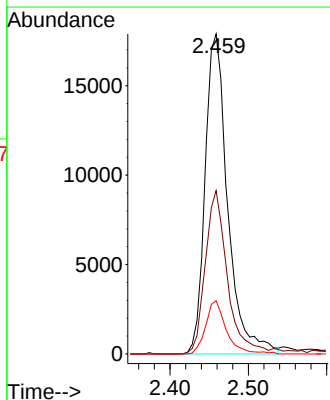
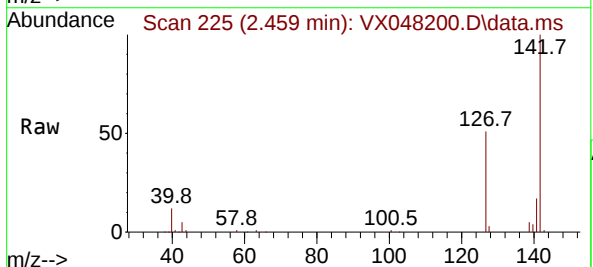
Manual Integrations
APPROVED

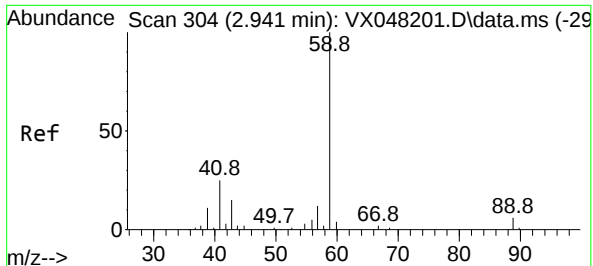
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
Methyl Iodide
Concen: 16.567 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:142 Resp: 35802
Ion Ratio Lower Upper
142 100
127 50.8 38.5 57.7
141 15.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 83.338 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 1304

Ion Ratio Lower Upper

59 100

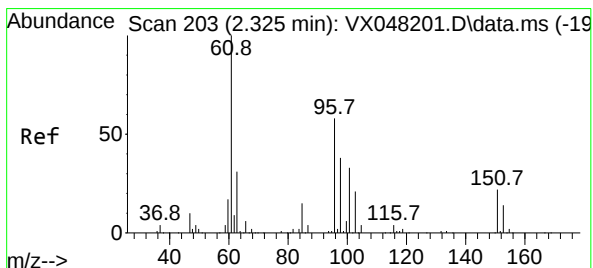
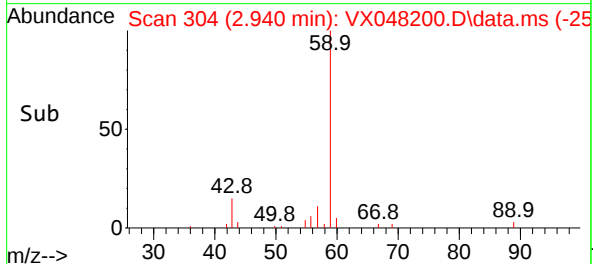
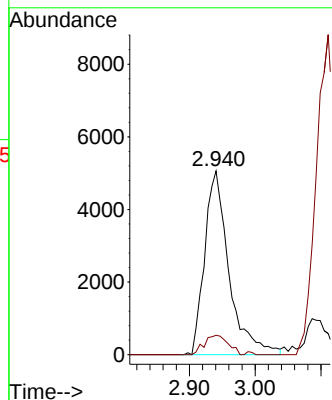
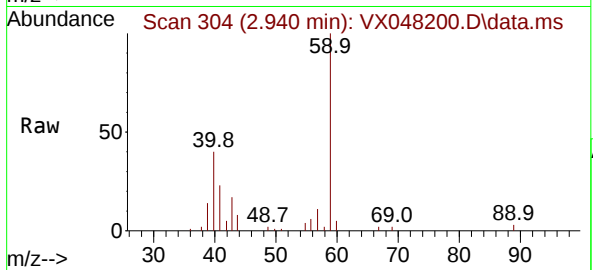
57 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#12

1,1-Dichloroethene

Concen: 17.899 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

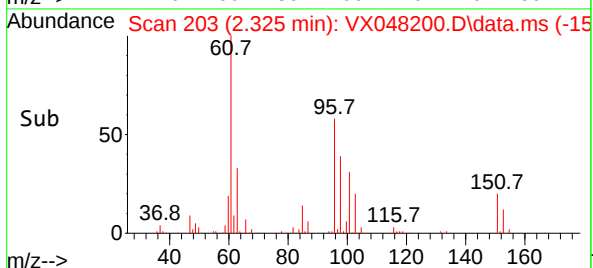
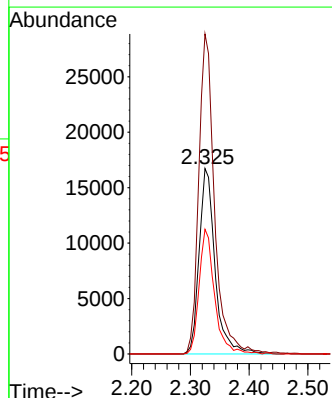
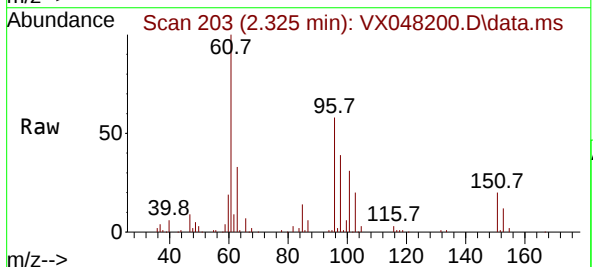
Tgt Ion: 96 Resp: 31576

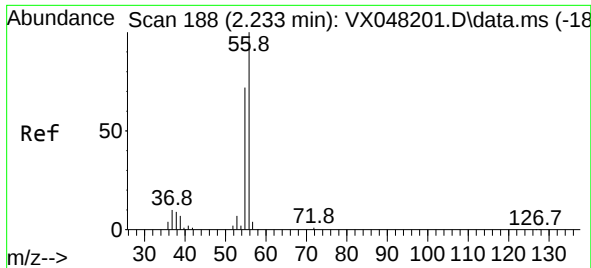
Ion Ratio Lower Upper

96 100

61 172.6 139.0 208.6

98 67.2 52.4 78.6





#13

Acrolein

Concen: 91.708 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 30162

Ion Ratio Lower Upper

56 100

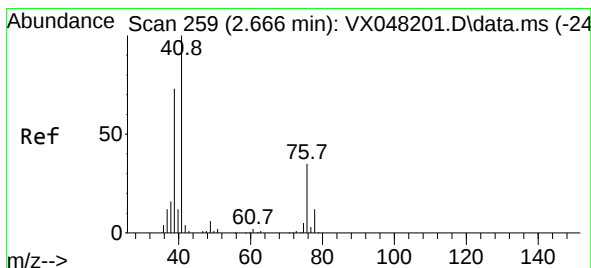
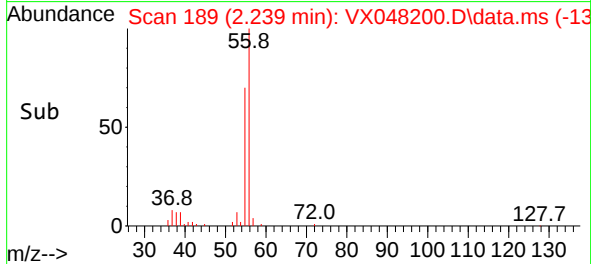
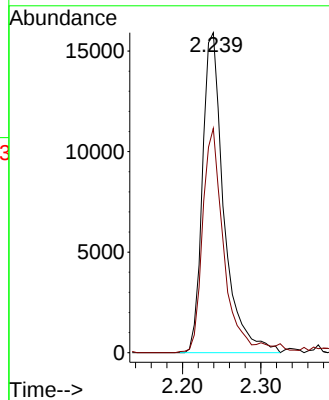
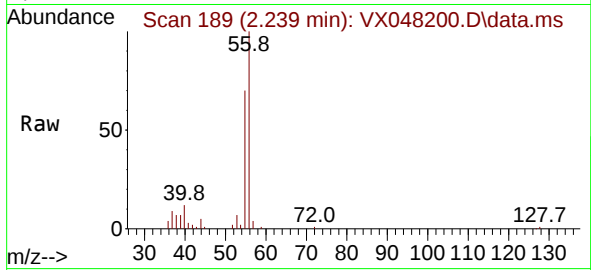
55 68.1 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#14

Allyl chloride

Concen: 18.102 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

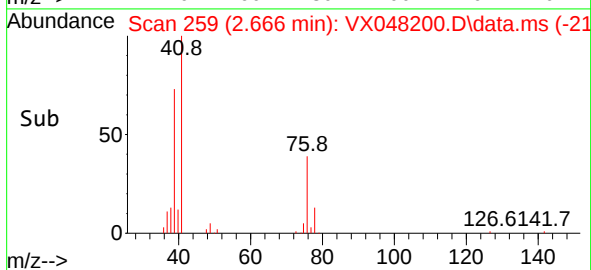
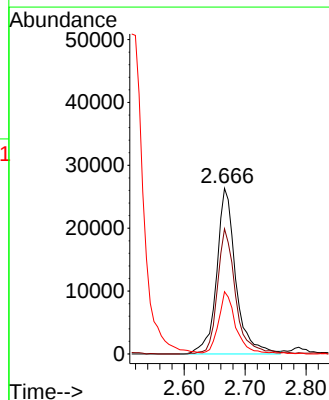
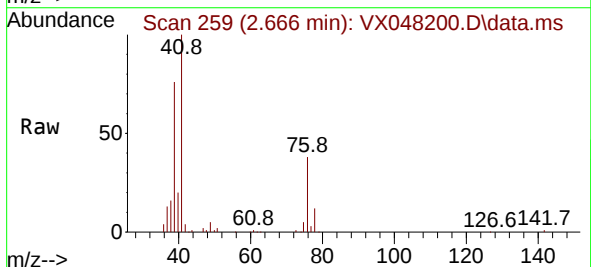
Tgt Ion: 41 Resp: 57446

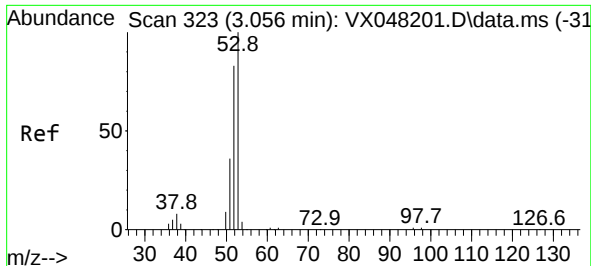
Ion Ratio Lower Upper

41 100

39 72.3 56.0 84.0

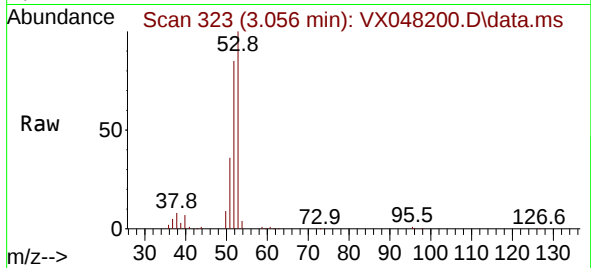
76 33.8 27.5 41.3





#15
Acrylonitrile
Concen: 96.879 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

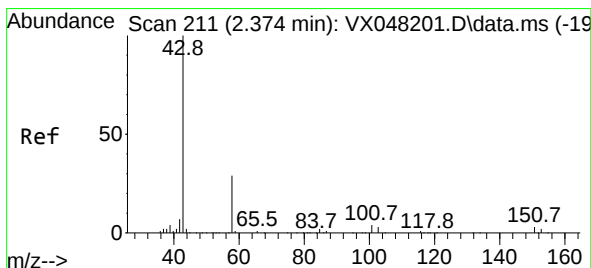
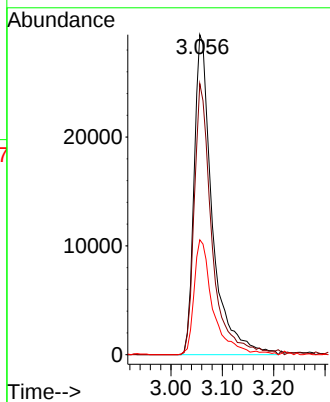
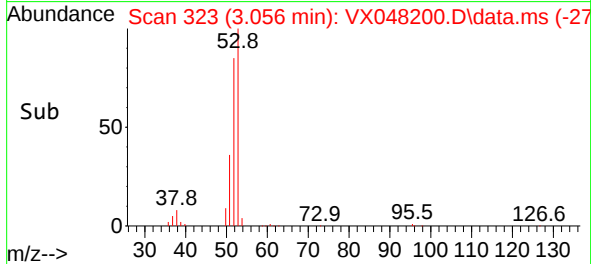
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



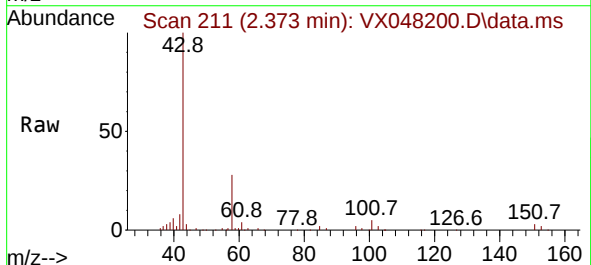
Tgt Ion: 53 Resp: 72649
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 37.5 29.0 43.4

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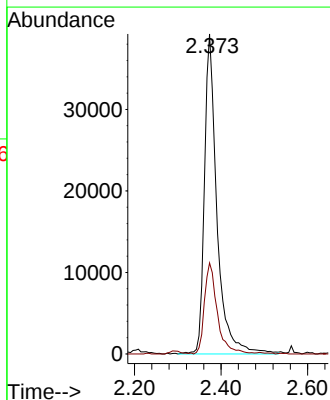
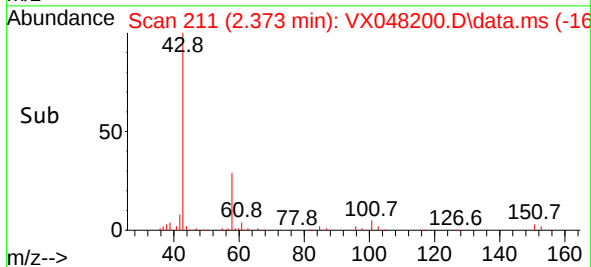
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

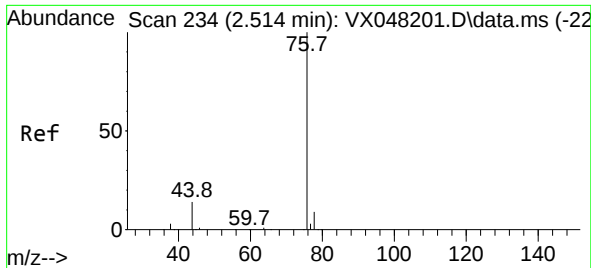


#16
Acetone
Concen: 97.833 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



Tgt Ion: 43 Resp: 78714
Ion Ratio Lower Upper
43 100
58 28.3 23.4 35.2





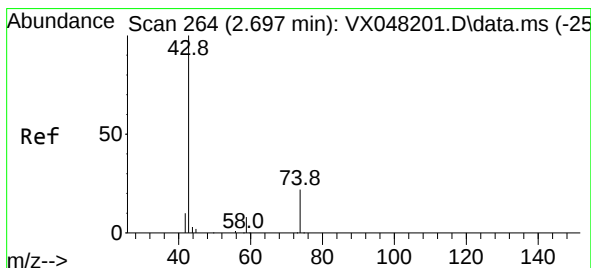
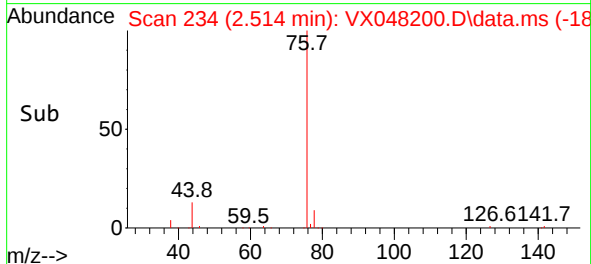
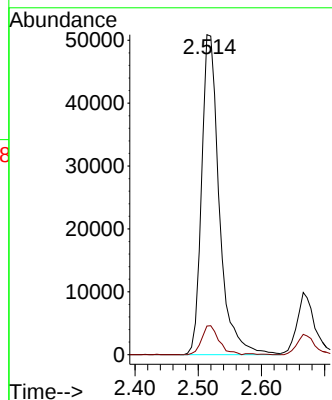
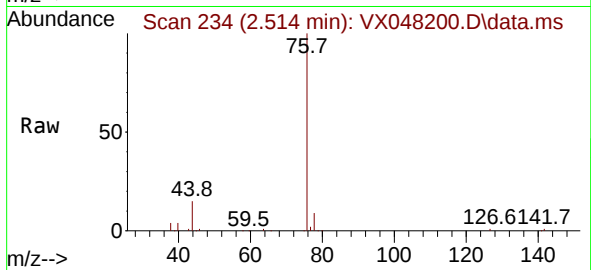
#17
Carbon Disulfide
Concen: 18.263 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 9912
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

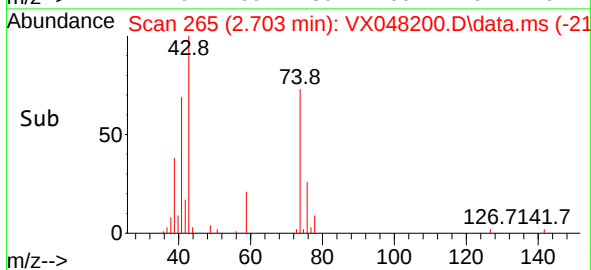
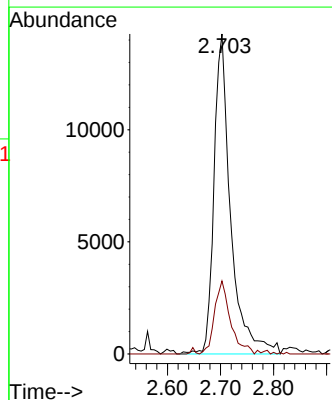
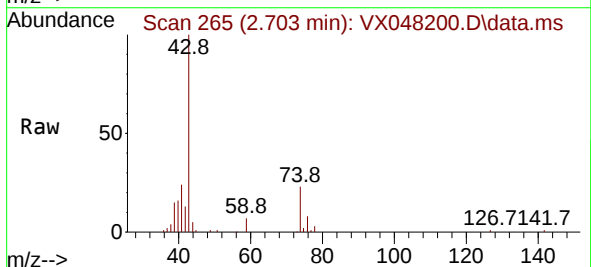
Manual Integrations
APPROVED

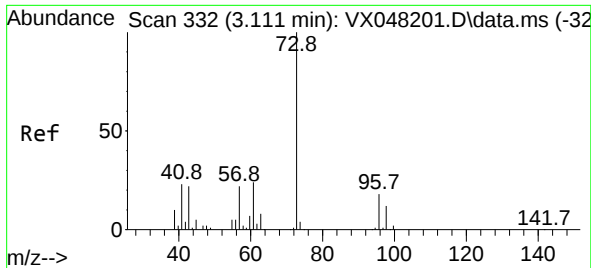
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#18
Methyl Acetate
Concen: 18.981 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 31105
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3





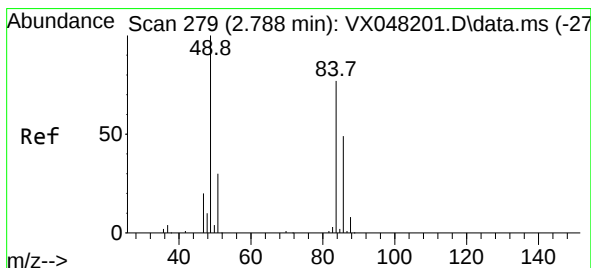
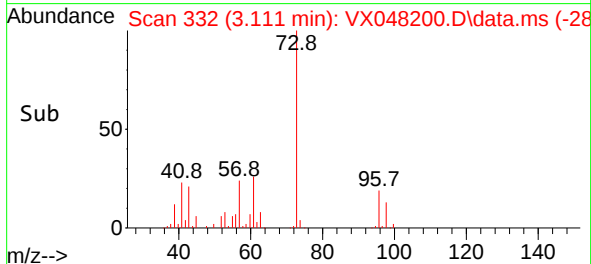
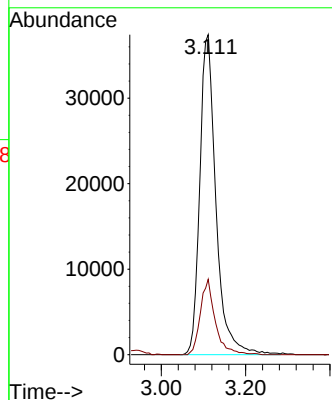
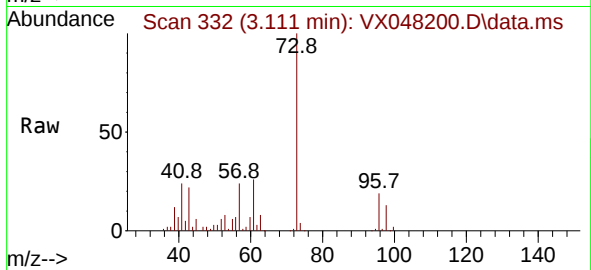
#19
Methyl tert-butyl Ether
Concen: 18.814 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 99980
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5

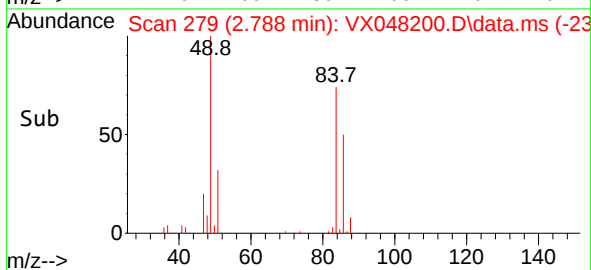
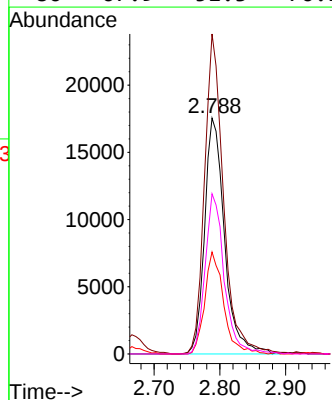
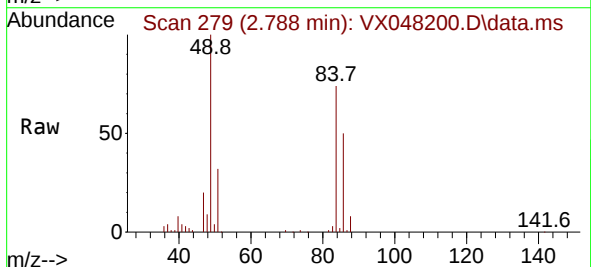
Manual Integrations
APPROVED

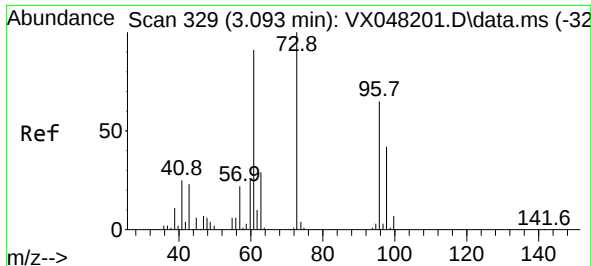
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Methylene Chloride
Concen: 18.842 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 84 Resp: 36931
Ion Ratio Lower Upper
84 100
49 135.7 104.1 156.1
51 43.2 31.3 46.9
86 67.9 51.3 76.9





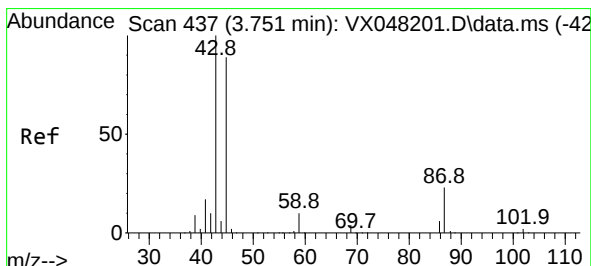
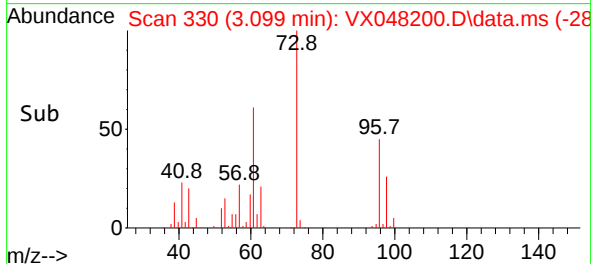
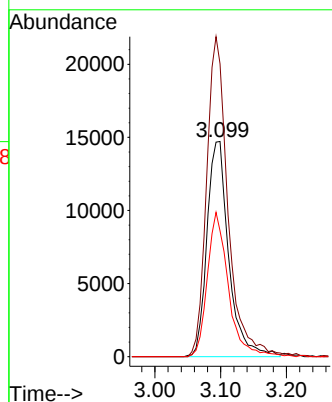
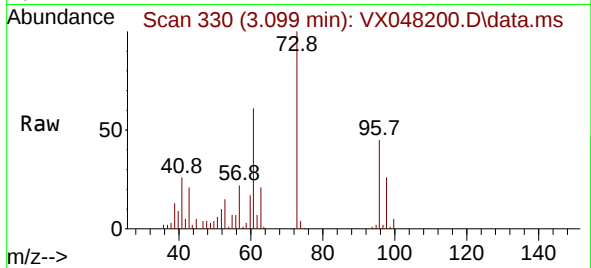
#21
trans-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 3393
Ion Ratio Lower Upper
96 100
61 136.0 111.9 167.9
98 58.4 51.2 76.8

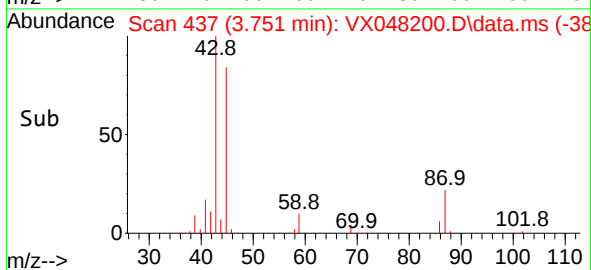
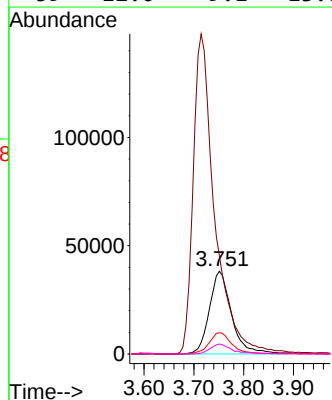
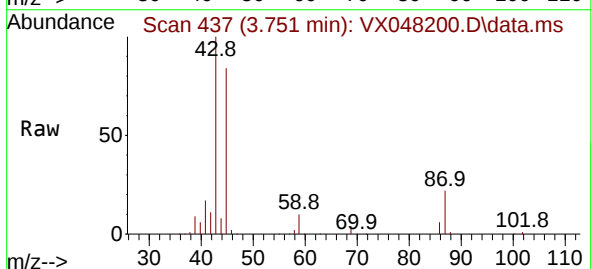
Manual Integrations
APPROVED

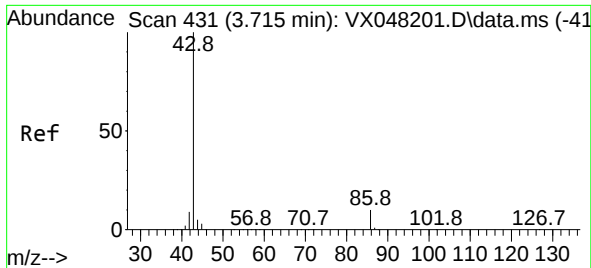
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
Diisopropyl ether
Concen: 18.948 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

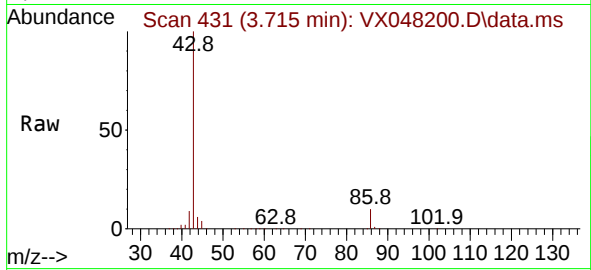
Tgt Ion: 45 Resp: 117739
Ion Ratio Lower Upper
45 100
43 116.6 89.8 134.8
87 25.7 20.6 31.0
59 12.0 9.1 13.7





#23
 Vinyl Acetate
 Concen: 95.805 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

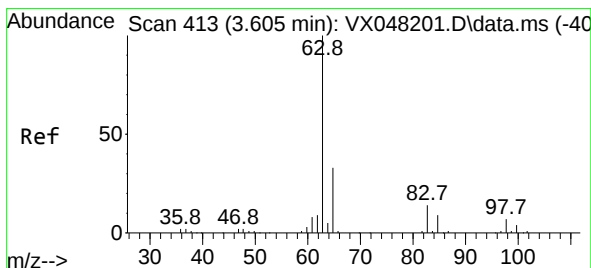
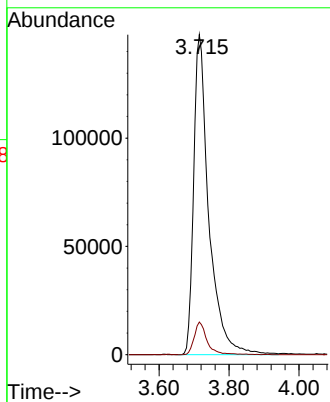
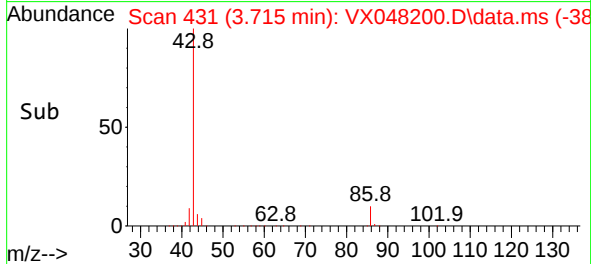
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



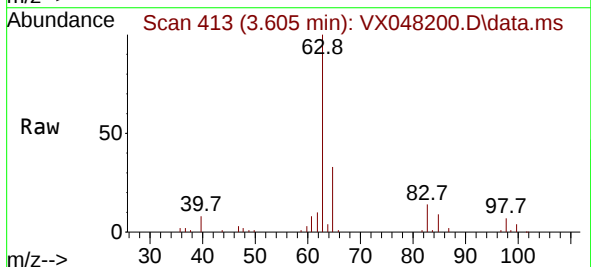
Tgt Ion: 43 Resp: 44513
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

Manual Integrations
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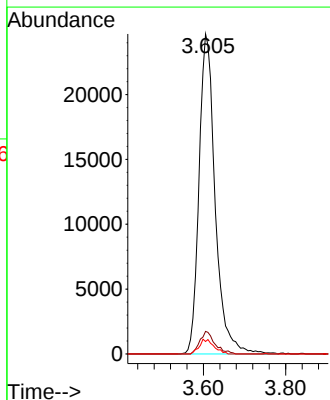
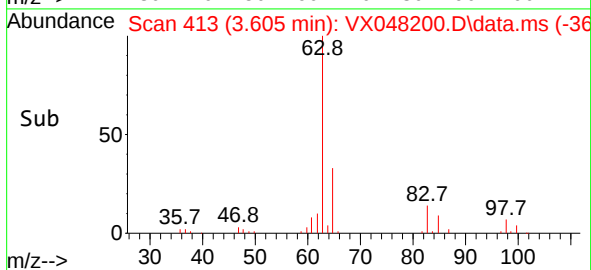
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

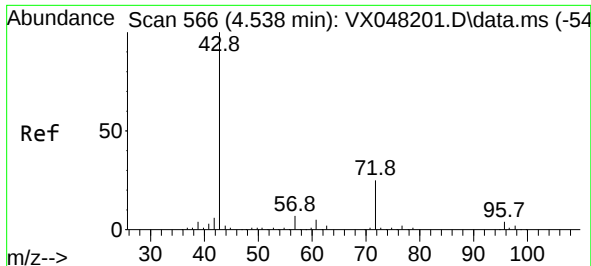


#24
 1,1-Dichloroethane
 Concen: 19.084 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35



Tgt Ion: 63 Resp: 67274
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 3.9 2.1 6.3





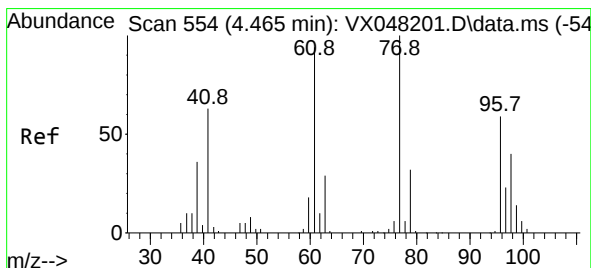
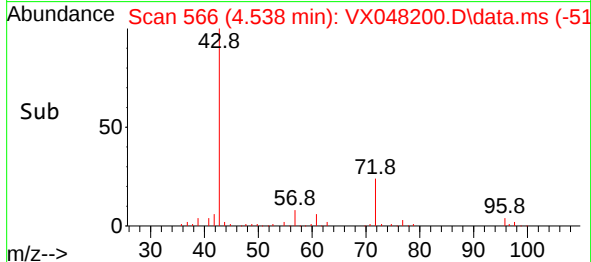
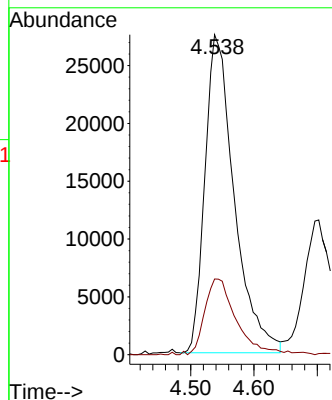
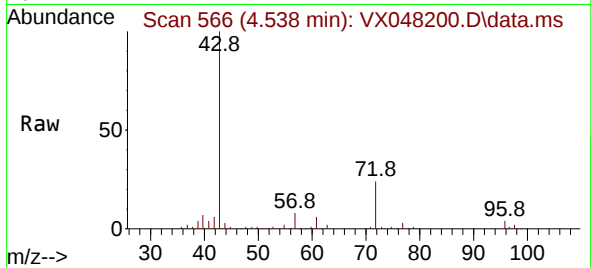
#25
2-Butanone
Concen: 94.609 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 8868
Ion Ratio Lower Upper
43 100
72 23.7 19.9 29.9

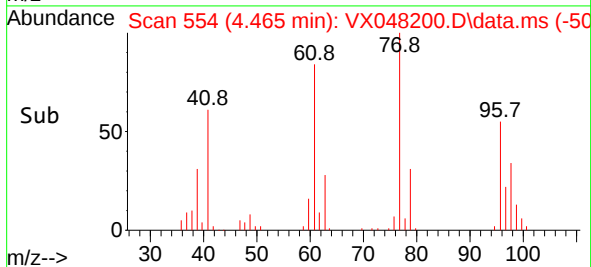
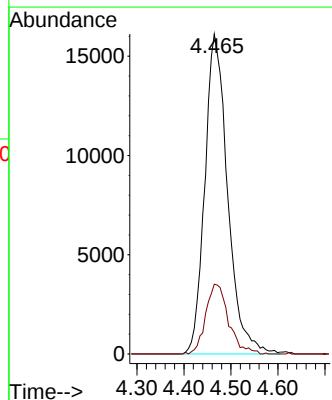
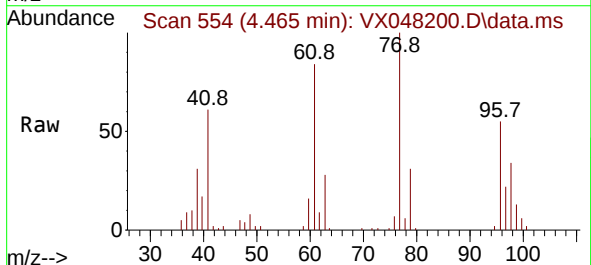
Manual Integrations
APPROVED

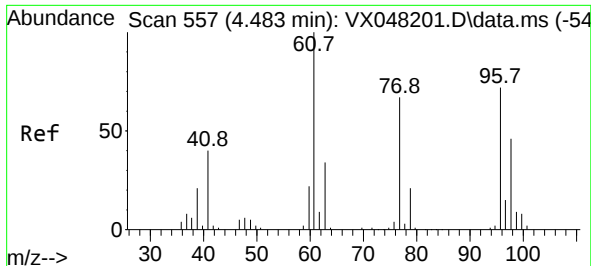
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#26
2,2-Dichloropropane
Concen: 18.041 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 77 Resp: 54360
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.644 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 40384

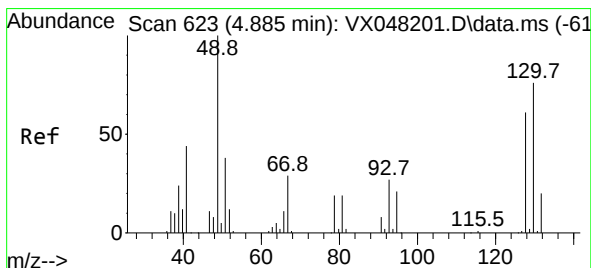
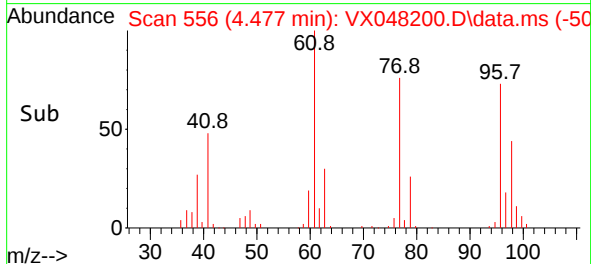
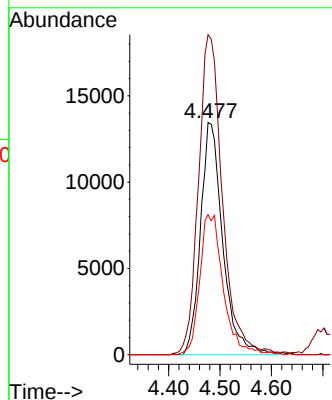
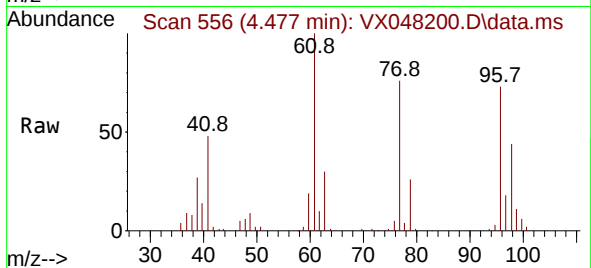
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	294.2
98	63.9	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#28

Bromochloromethane

Concen: 16.547 ug/l

RT: 4.885 min Scan# 623

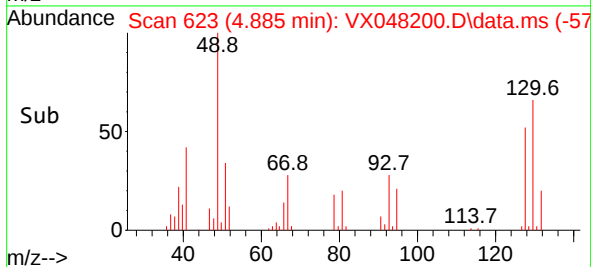
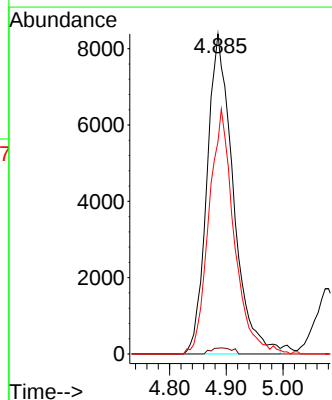
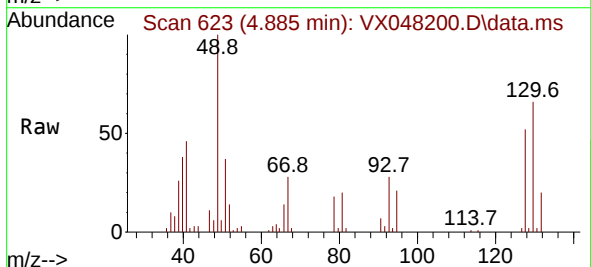
Delta R.T. -0.000 min

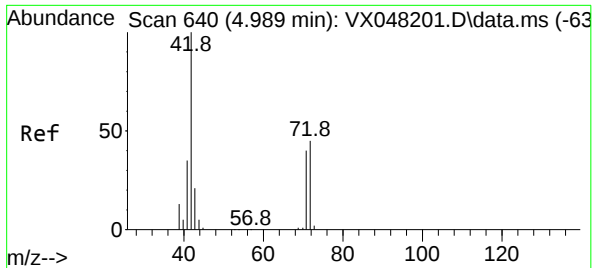
Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion: 49 Resp: 26888

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	73.5	59.3	88.9





#29

Tetrahydrofuran

Concen: 93.427 ug/l

RT: 4.995 min Scan# 640

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

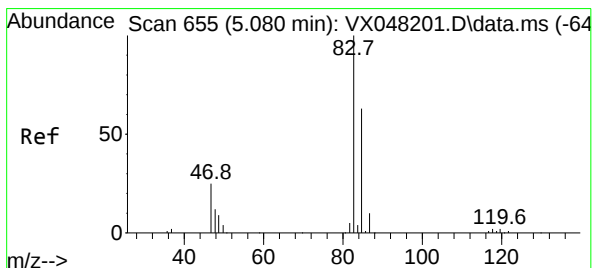
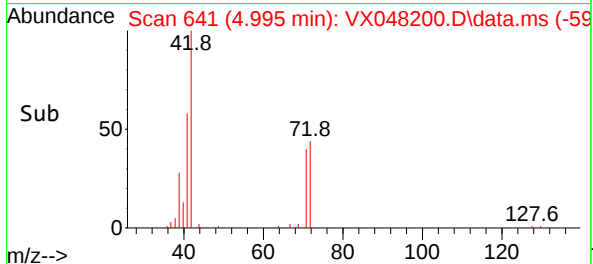
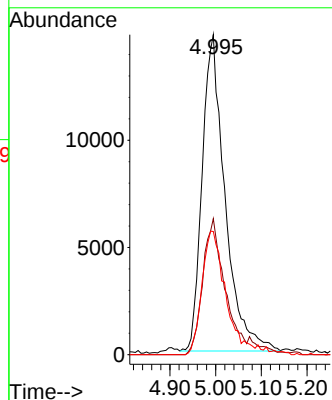
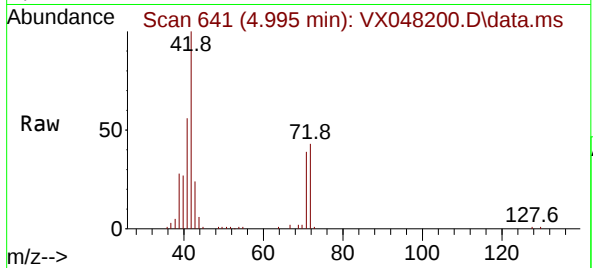
Tgt Ion:	42	Resp:	51429
Ion	Ratio	Lower	Upper
42	100		
72	41.4	35.3	52.9
71	41.4	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#30

Chloroform

Concen: 18.590 ug/l

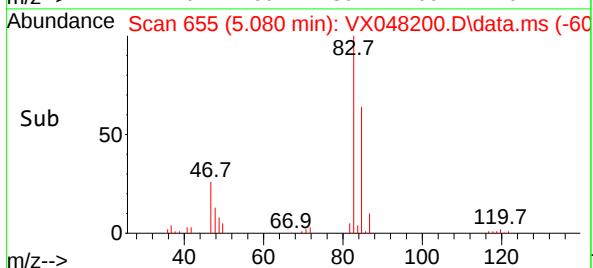
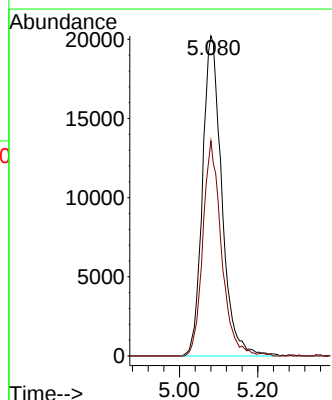
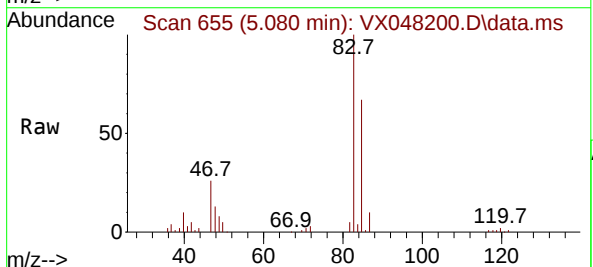
RT: 5.080 min Scan# 655

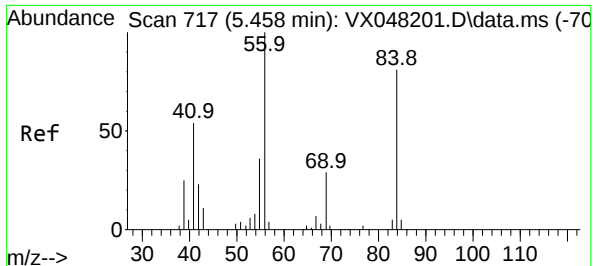
Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion:	83	Resp:	68996
Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.1	75.1





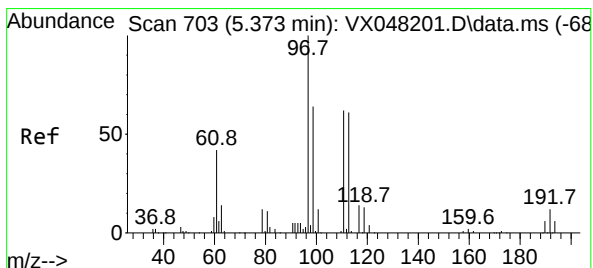
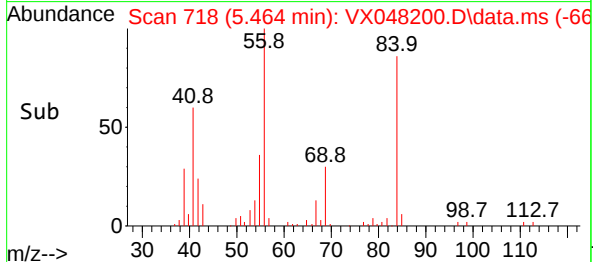
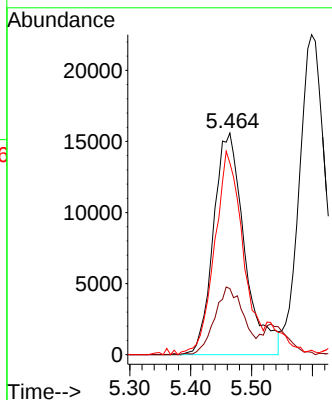
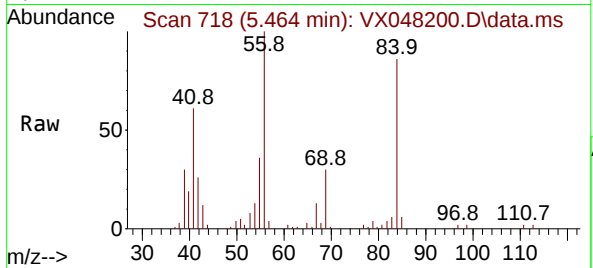
#31
Cyclohexane
Concen: 19.200 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 5538
Ion Ratio Lower Upper
56 100
69 29.8 23.0 34.6
84 86.5 64.6 97.0

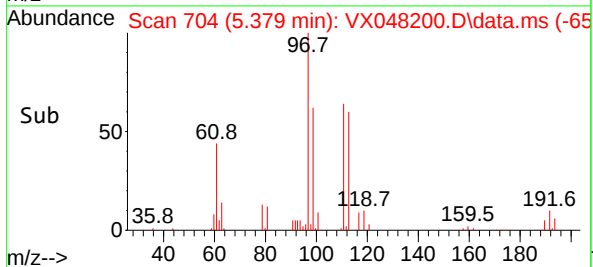
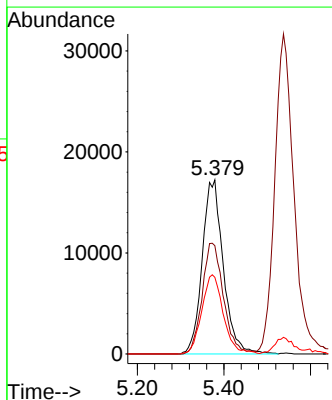
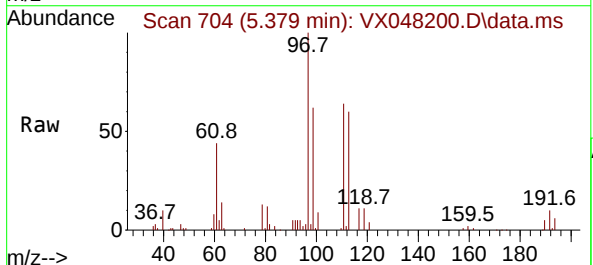
Manual Integrations
APPROVED

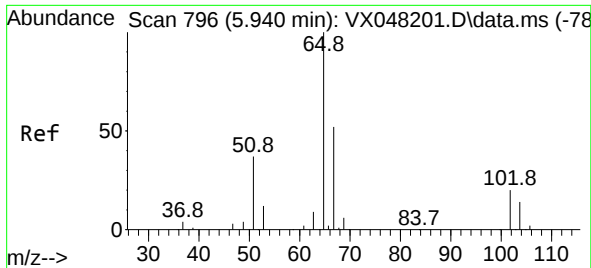
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 19.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 97 Resp: 58321
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 46.4 34.8 52.2





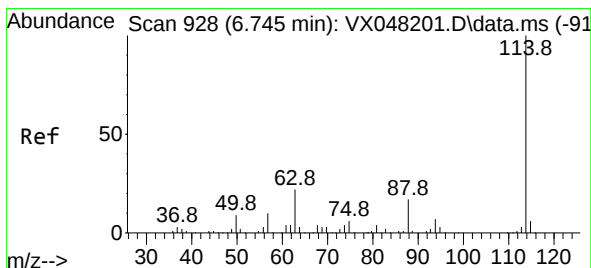
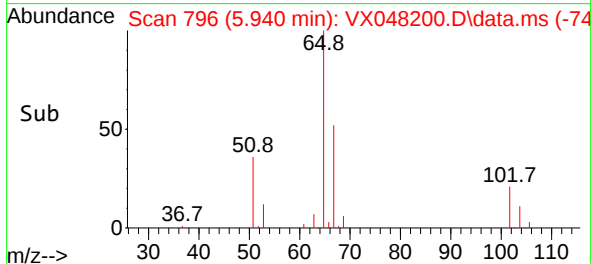
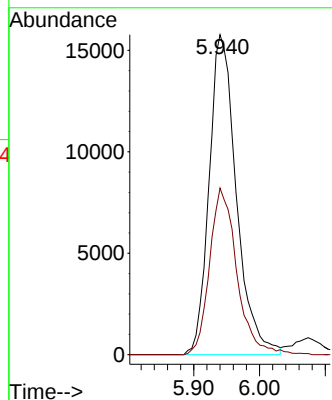
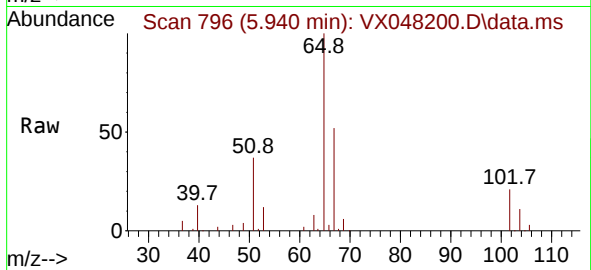
#33
1,2-Dichloroethane-d4
Concen: 19.267 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 4544
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

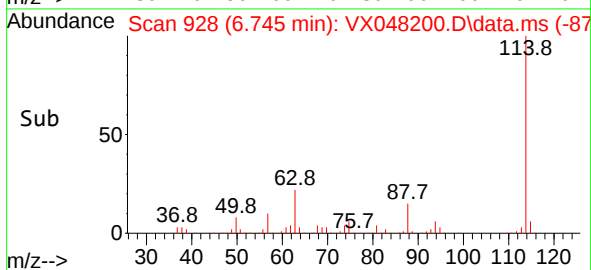
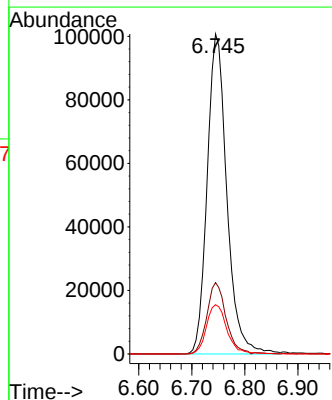
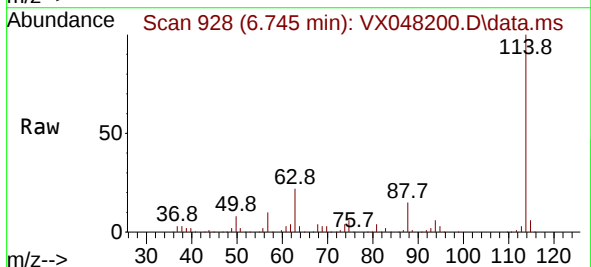
Manual Integrations
APPROVED

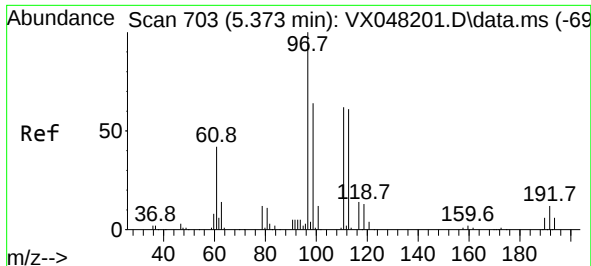
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

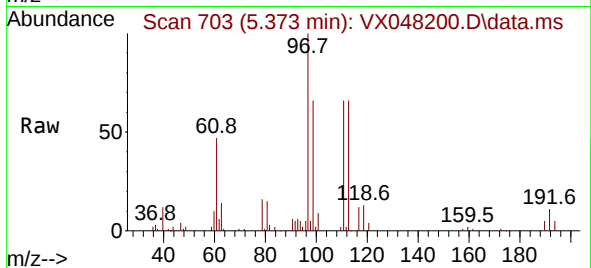
Tgt Ion:114 Resp: 259476
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 15.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 19.628 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

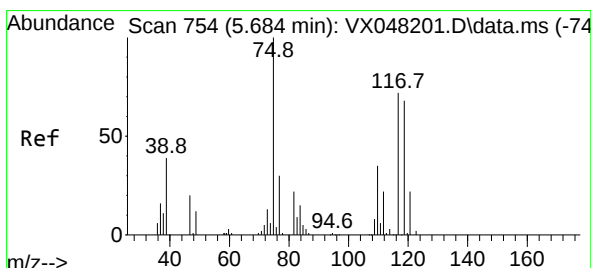
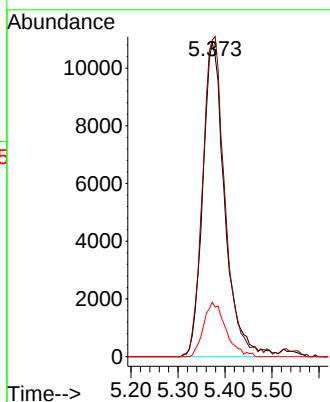
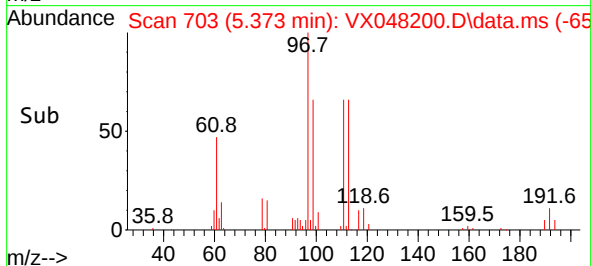
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 3534
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.5 15.1 22.7

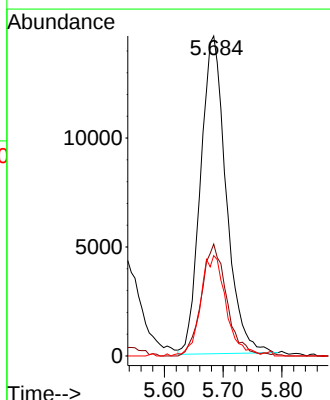
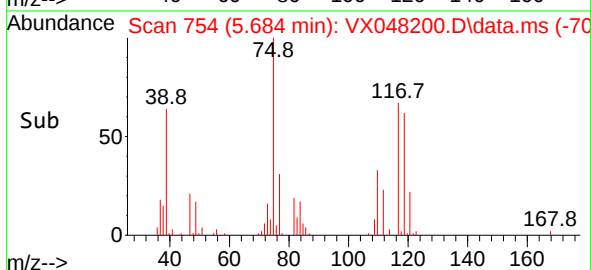
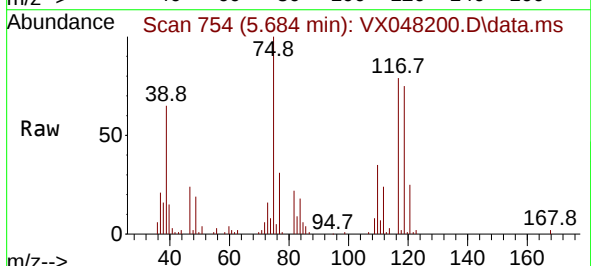
Manual Integrations
APPROVED

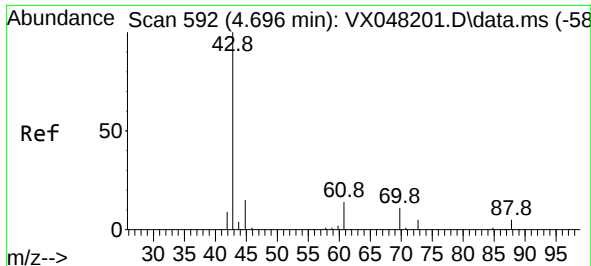
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,1-Dichloropropene
Concen: 17.386 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 44106
Ion Ratio Lower Upper
75 100
110 35.0 17.7 53.1
77 31.6 24.3 36.5





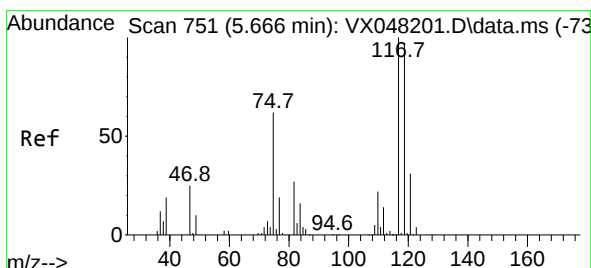
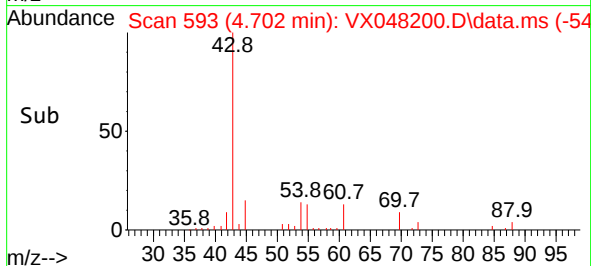
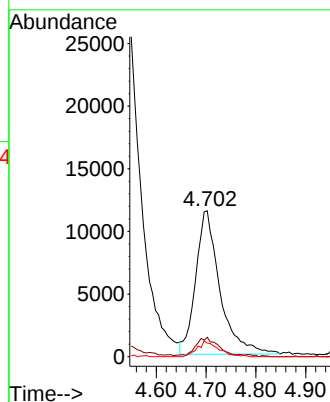
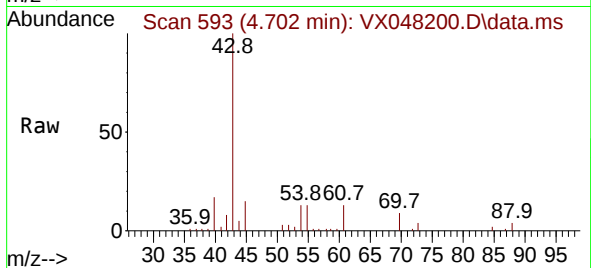
#37
Ethyl Acetate
Concen: 19.063 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
61 11.2 10.6 15.8
70 9.5 7.8 11.6

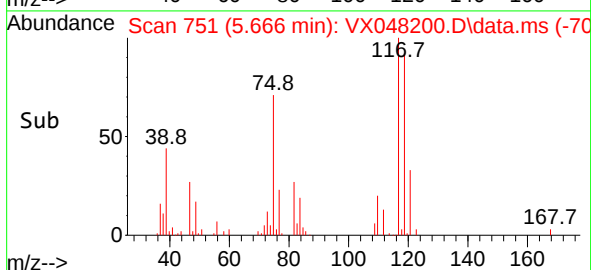
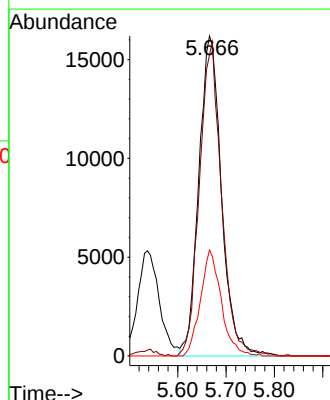
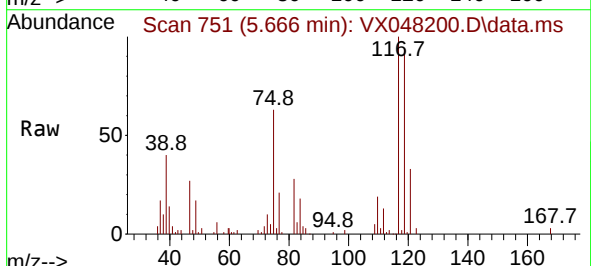
Manual Integrations
APPROVED

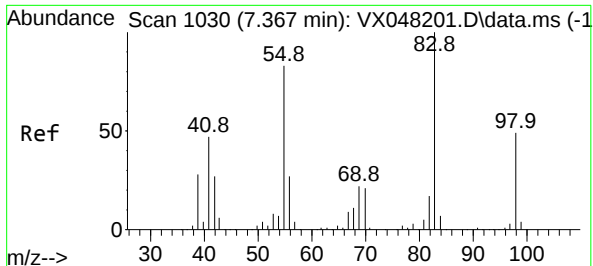
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#38
Carbon Tetrachloride
Concen: 18.063 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:117 Resp: 52596
Ion Ratio Lower Upper
117 100
119 94.1 77.2 115.8
121 33.1 24.8 37.2





#39

Methylcyclohexane

Concen: 18.276 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 52270

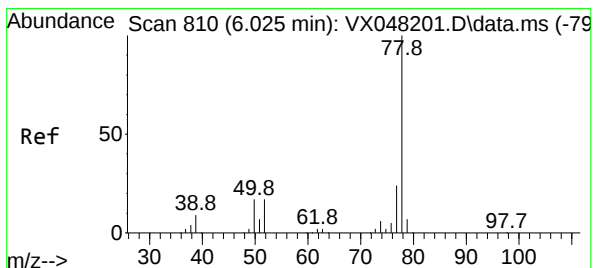
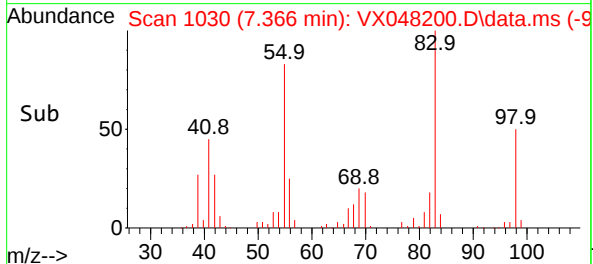
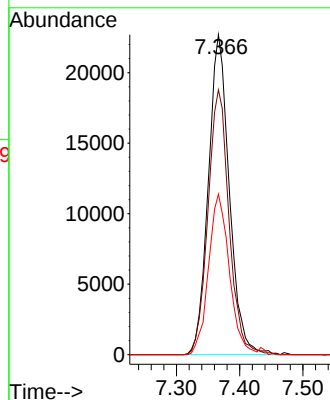
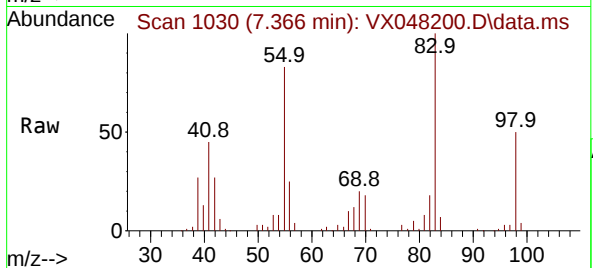
Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.2	99.2
98	50.2	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#40

Benzene

Concen: 18.259 ug/l

RT: 6.025 min Scan# 810

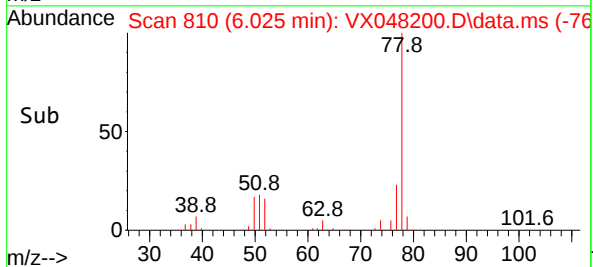
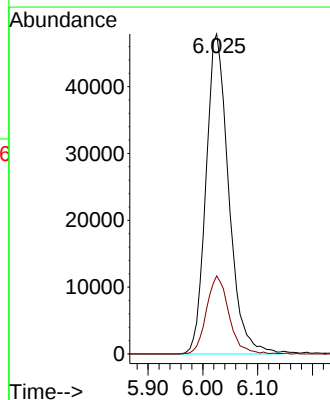
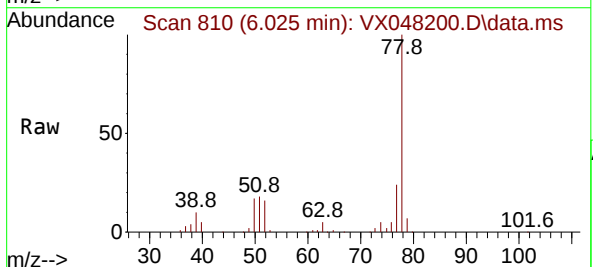
Delta R.T. -0.000 min

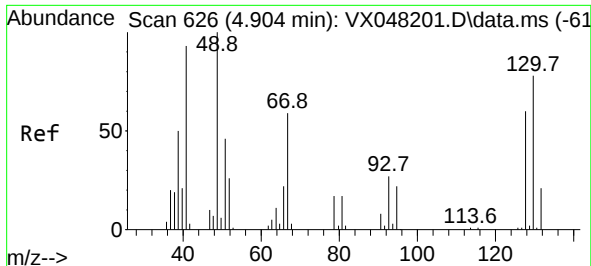
Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion: 78 Resp: 137544

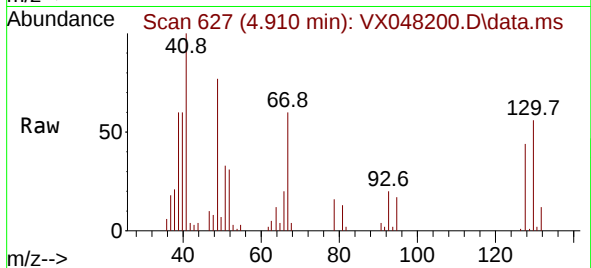
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





#41
Methacrylonitrile
Concen: 19.271 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

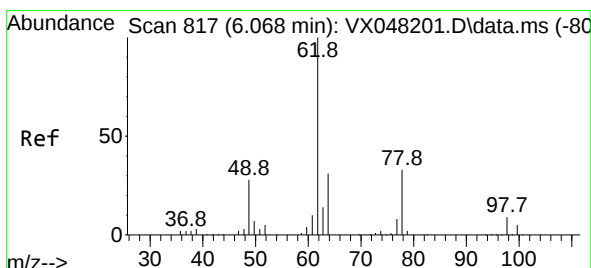
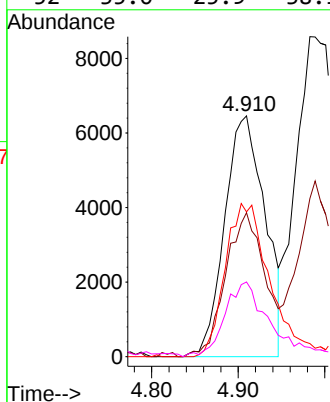
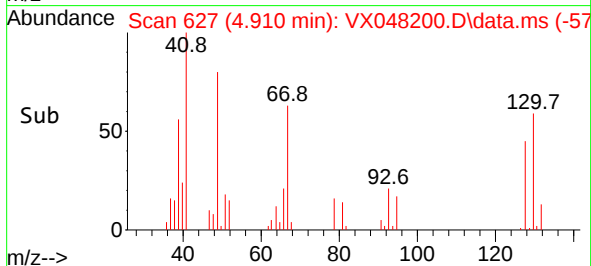


Tgt Ion: 41 Resp: 20924

Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.0	66.0
67	70.4	58.7	88.1
52	35.0	25.9	38.9

Manual Integrations
APPROVED

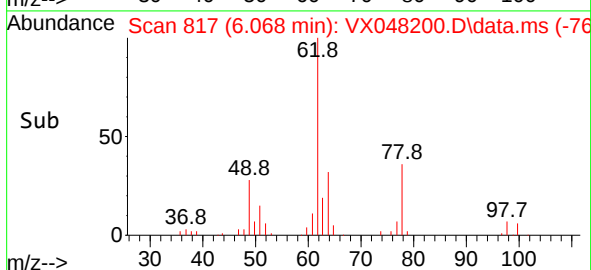
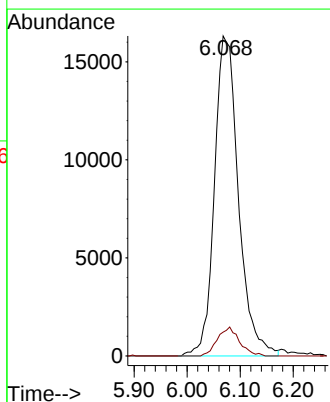
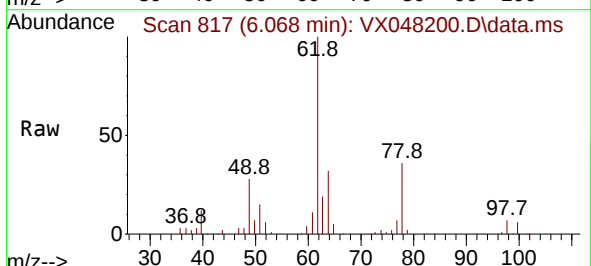
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

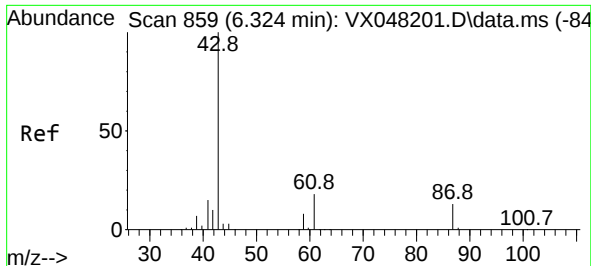


#42
1,2-Dichloroethane
Concen: 19.051 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 62 Resp: 51415

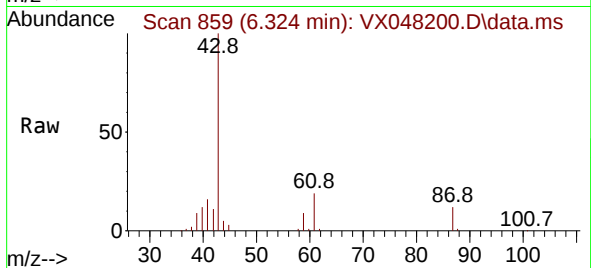
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43
Isopropyl Acetate
Concen: 18.762 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

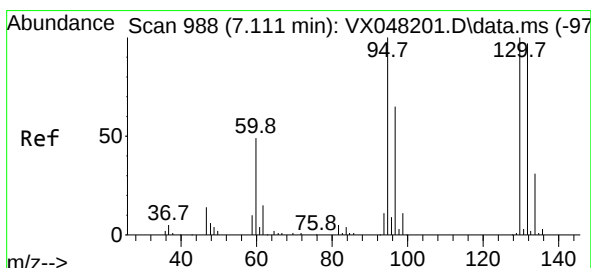
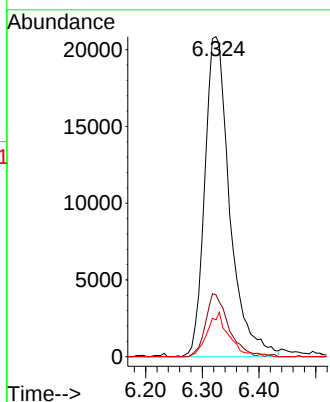
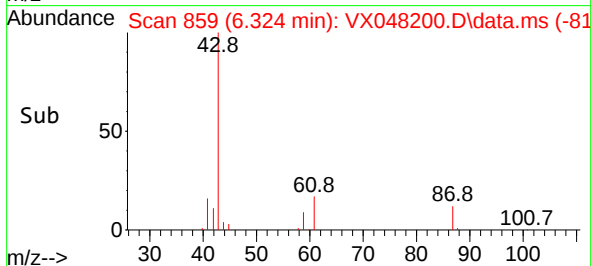
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 63854
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
87 11.8 9.4 14.2

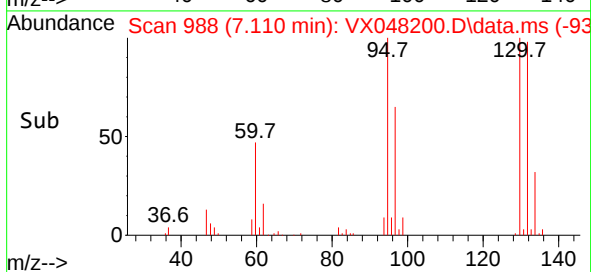
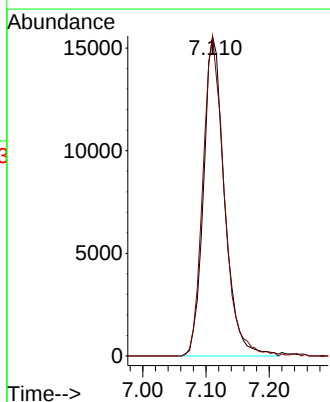
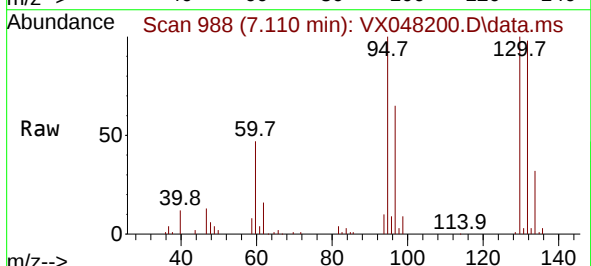
Manual Integrations
APPROVED

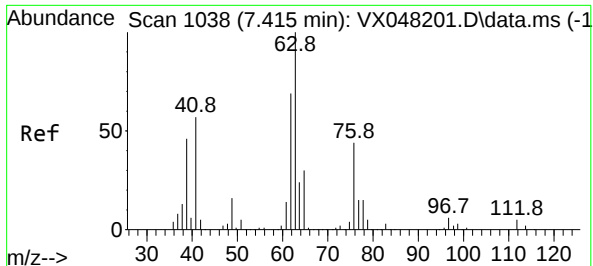
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Trichloroethene
Concen: 18.900 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:130 Resp: 35880
Ion Ratio Lower Upper
130 100
95 100.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 19.451 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3708

Ion Ratio Lower Upper

63 100

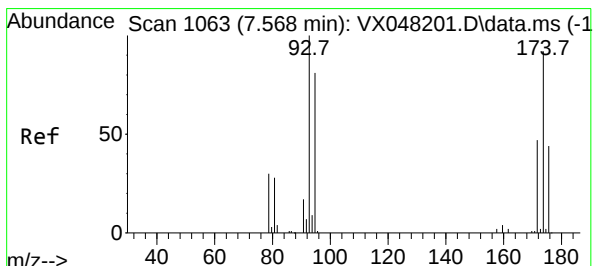
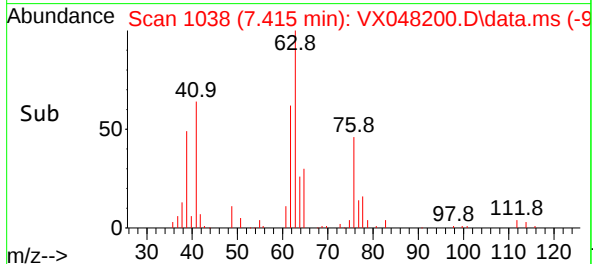
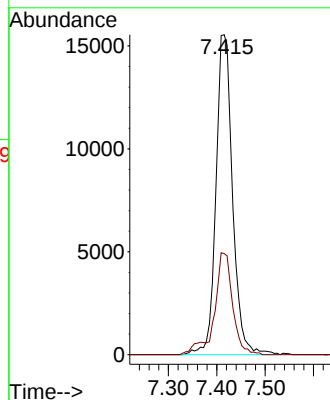
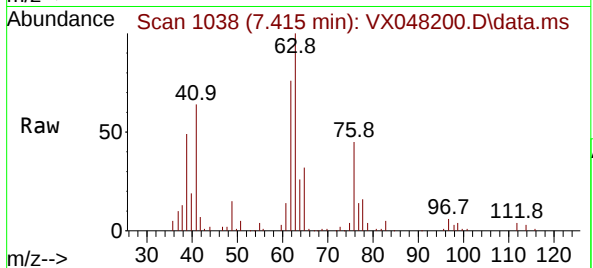
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#46

Dibromomethane

Concen: 18.432 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

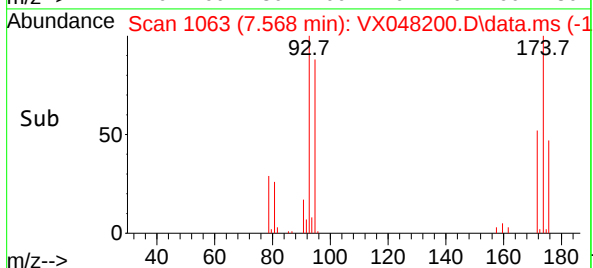
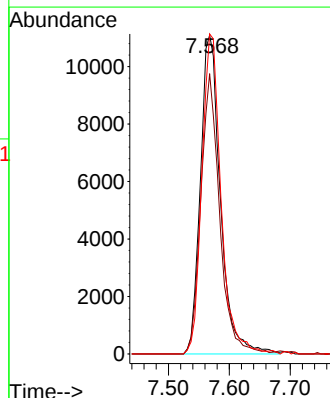
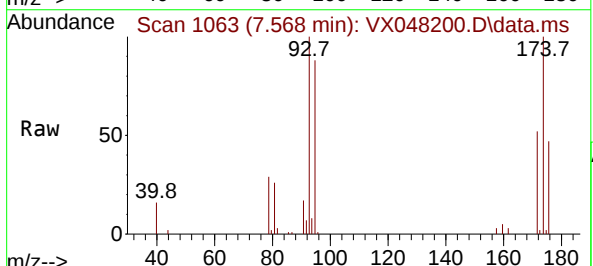
Tgt Ion: 93 Resp: 25284

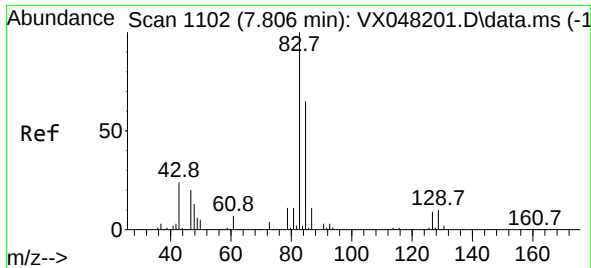
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 96.3 71.7 107.5





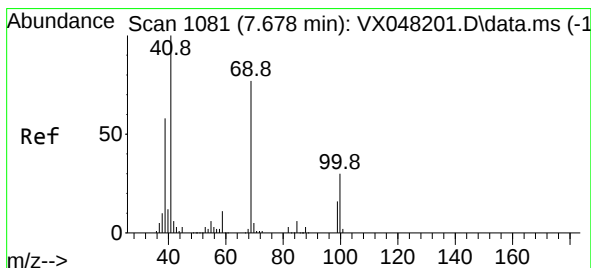
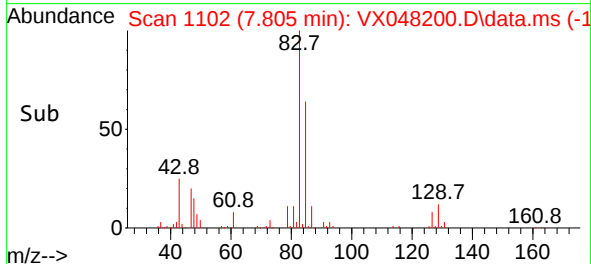
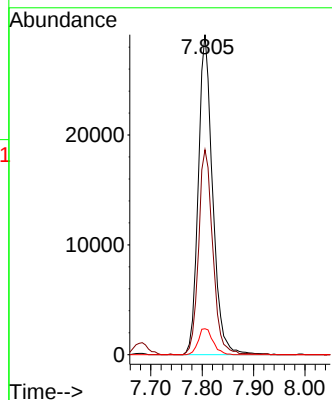
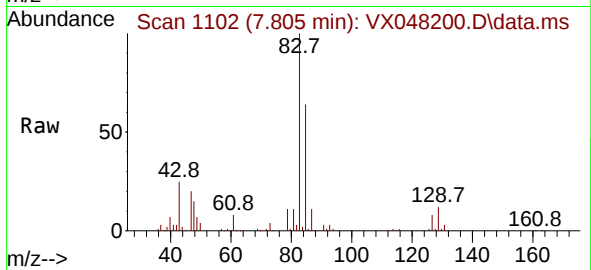
#47
Bromodichloromethane
Concen: 19.060 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5650
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 8.1 7.3 10.9

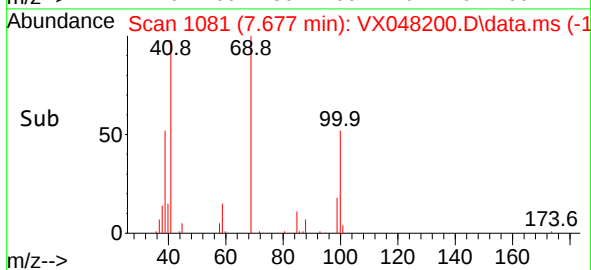
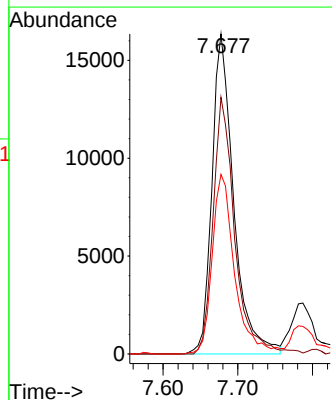
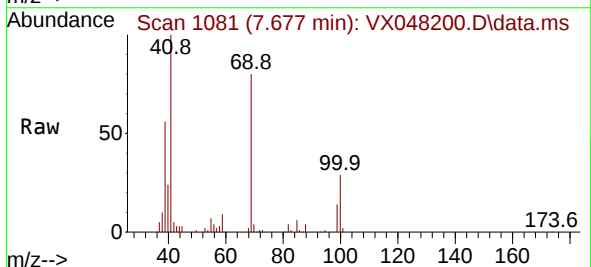
Manual Integrations
APPROVED

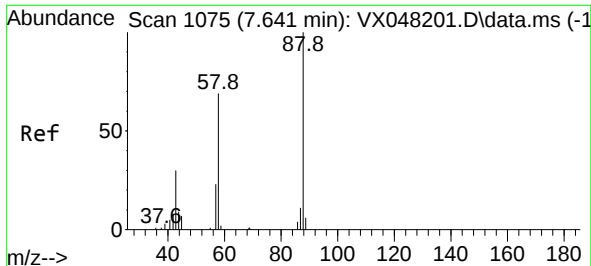
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
Methyl methacrylate
Concen: 18.945 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

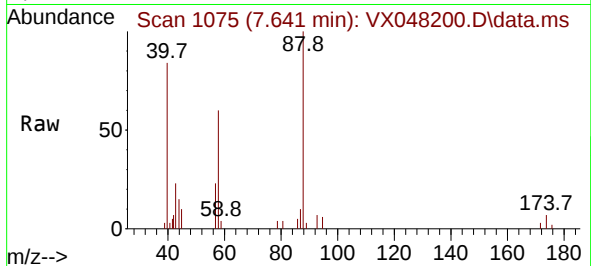
Tgt Ion: 41 Resp: 33005
Ion Ratio Lower Upper
41 100
69 80.0 63.4 95.0
39 58.0 47.1 70.7





#49
1,4-Dioxane
Concen: 402.877 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

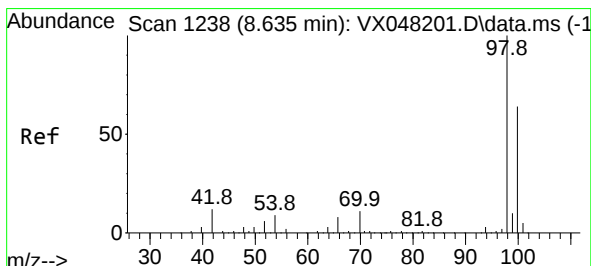
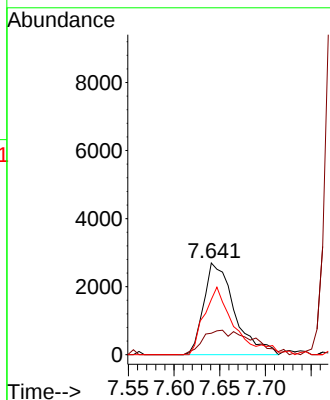
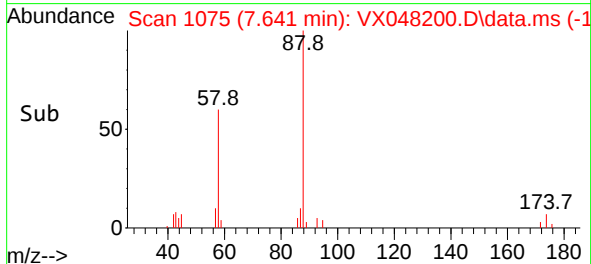
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 6318
Ion Ratio Lower Upper
88 100
43 43.4 35.0 52.4
58 71.9 61.9 92.9

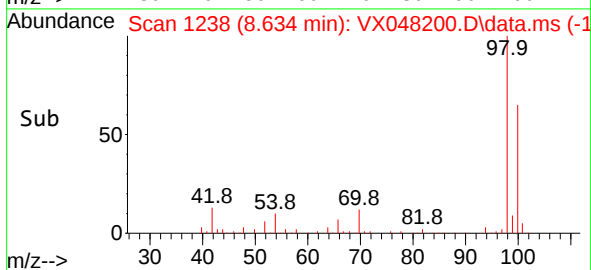
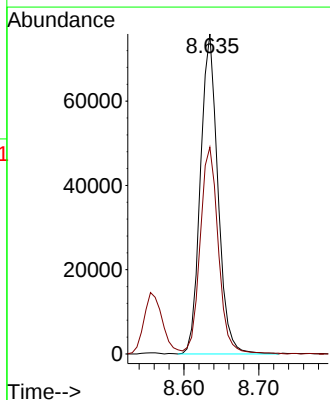
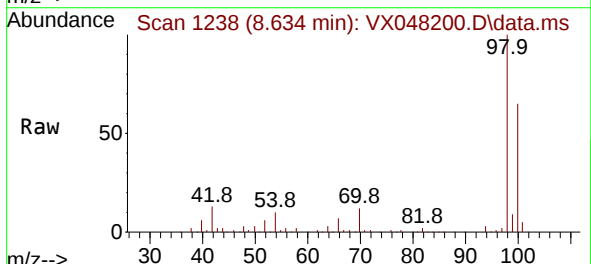
Manual Integrations
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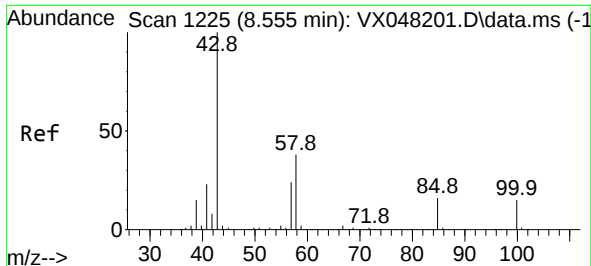
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#50
Toluene-d8
Concen: 19.003 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 98 Resp: 123286
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4





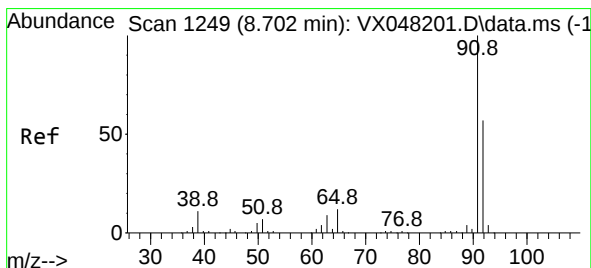
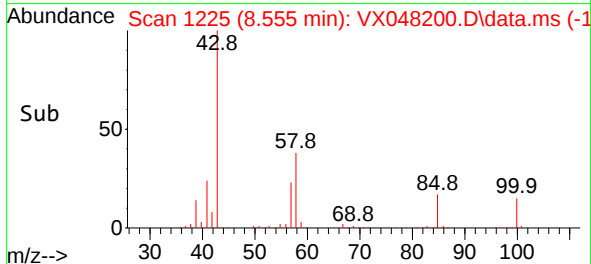
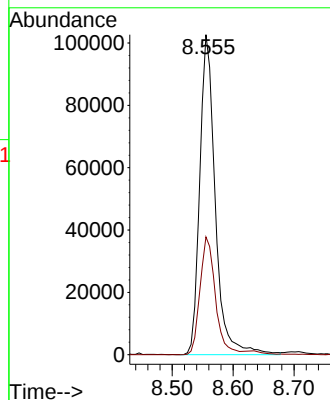
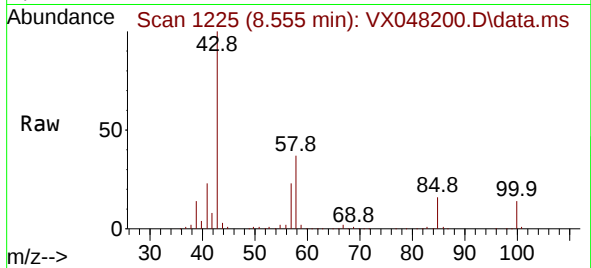
#51
4-Methyl-2-Pentanone
Concen: 96.201 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 18218
Ion Ratio Lower Upper
43 100
58 36.6 29.5 44.3

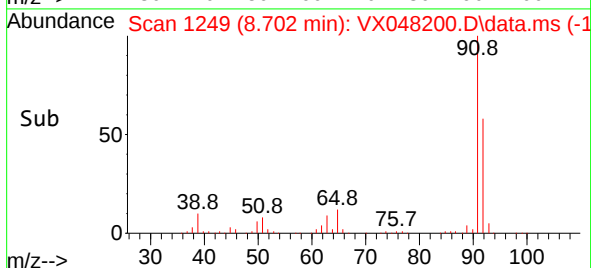
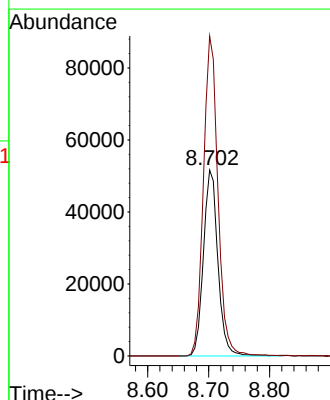
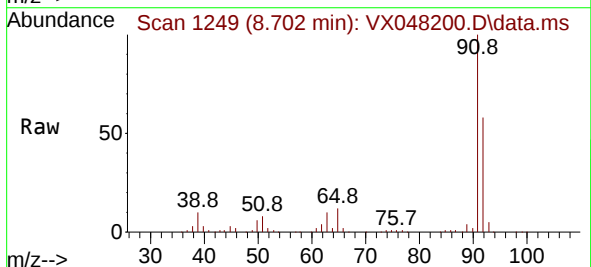
Manual Integrations
APPROVED

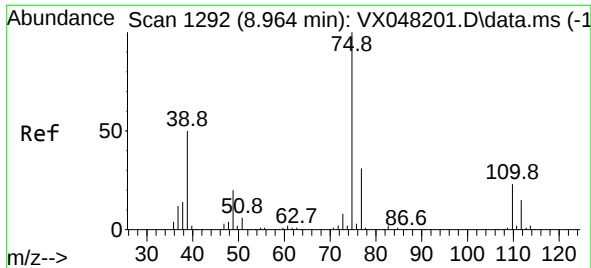
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
Toluene
Concen: 18.832 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 92 Resp: 85262
Ion Ratio Lower Upper
92 100
91 172.2 136.1 204.1





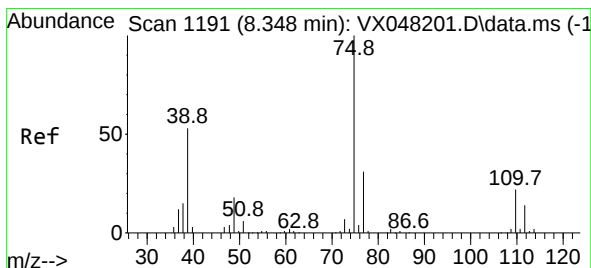
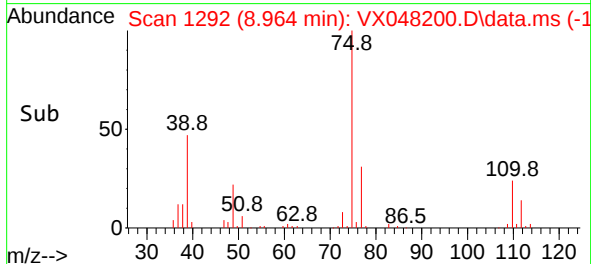
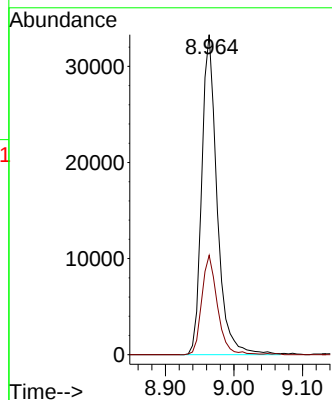
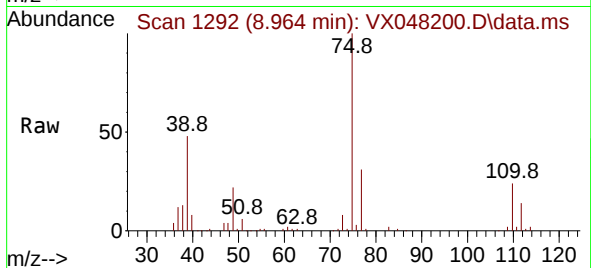
#53
t-1,3-Dichloropropene
Concen: 18.746 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 52060
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6

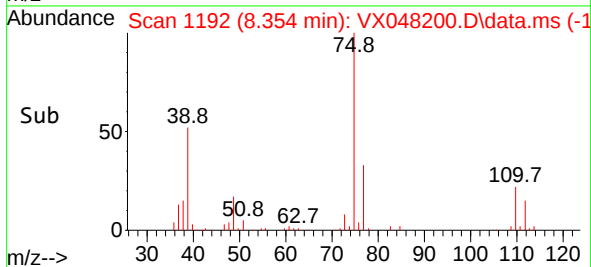
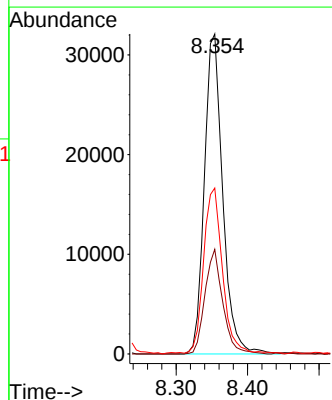
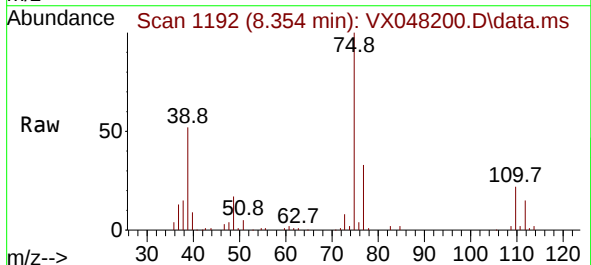
Manual Integrations
APPROVED

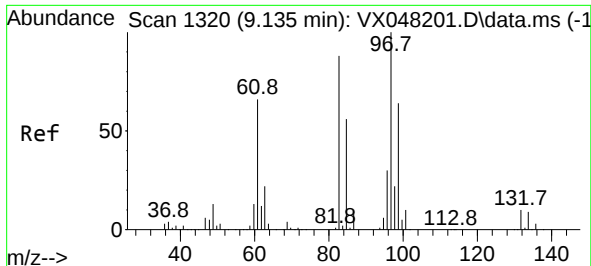
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#54
cis-1,3-Dichloropropene
Concen: 18.893 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 57193
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3
39 51.5 42.6 64.0





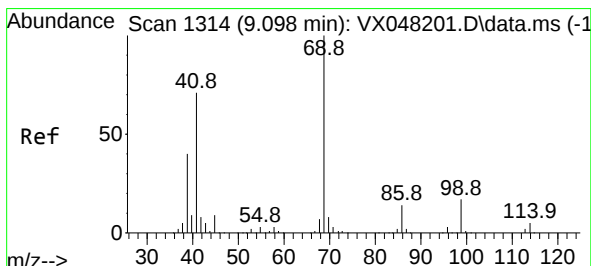
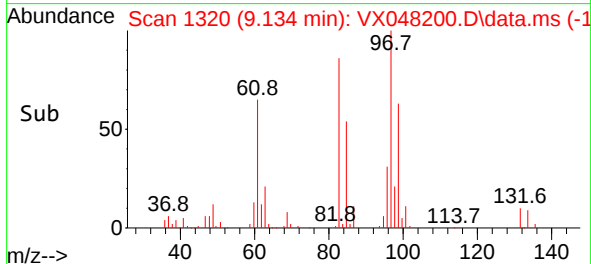
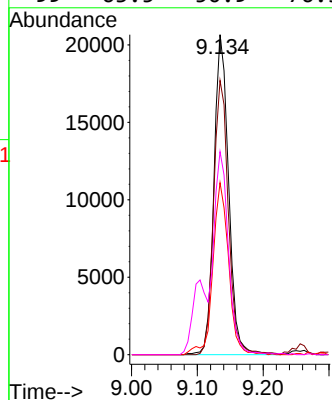
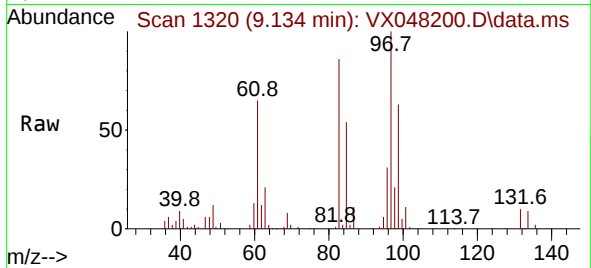
#55
1,1,2-Trichloroethane
Concen: 19.012 ug/l
RT: 9.134 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97	Resp: 32118
Ion Ratio	Lower Upper
97 100	
83 85.7	70.6 105.8
85 53.8	45.0 67.6
99 63.5	50.9 76.3

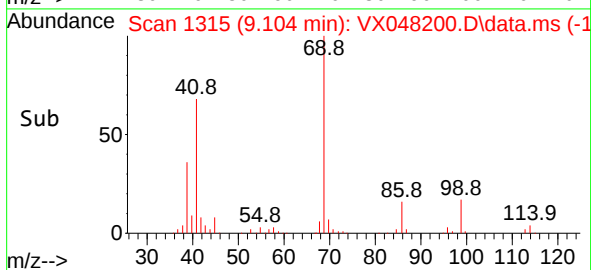
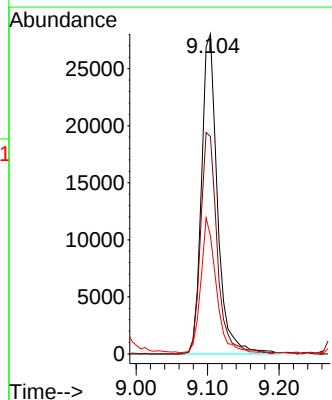
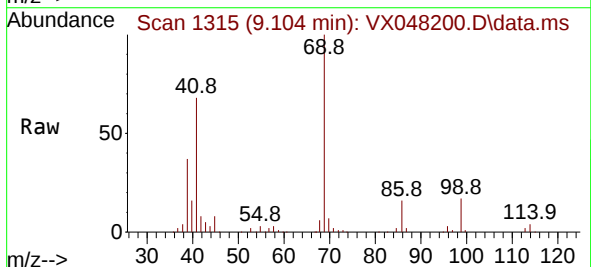
Manual Integrations
APPROVED

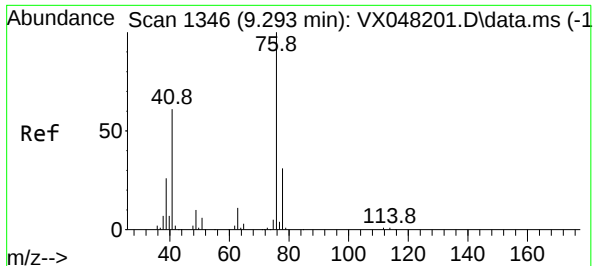
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#56
Ethyl methacrylate
Concen: 18.983 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 69	Resp: 43616
Ion Ratio	Lower Upper
69 100	
41 72.2	56.0 84.0
39 42.2	31.6 47.4





#57

1,3-Dichloropropane

Concen: 18.979 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 5601

Ion Ratio Lower Upper

76 100

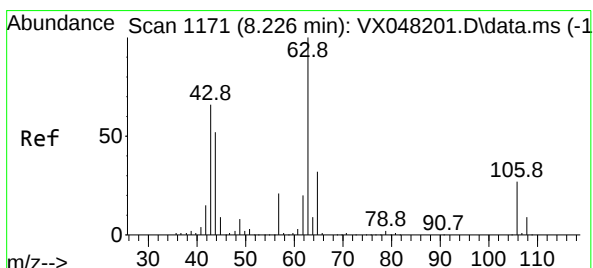
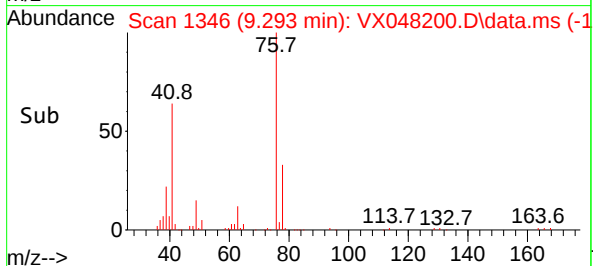
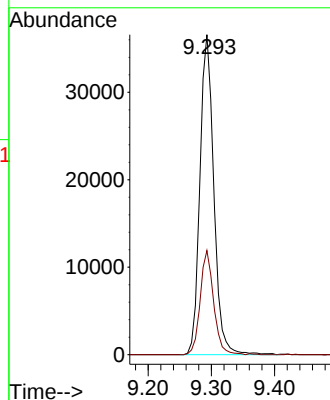
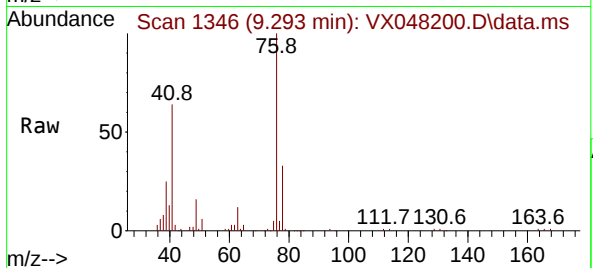
78 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 87.551 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048200.D

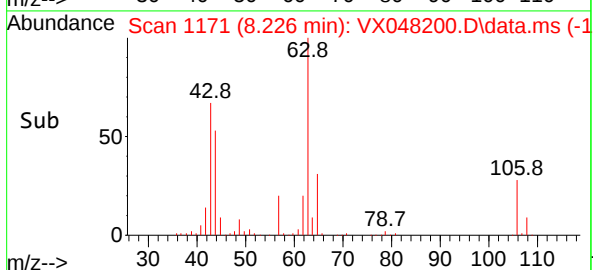
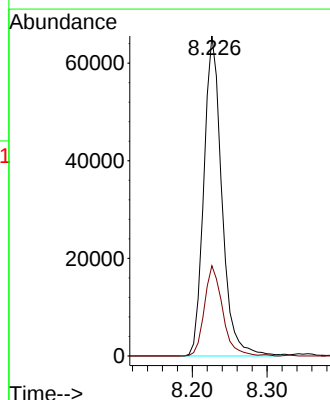
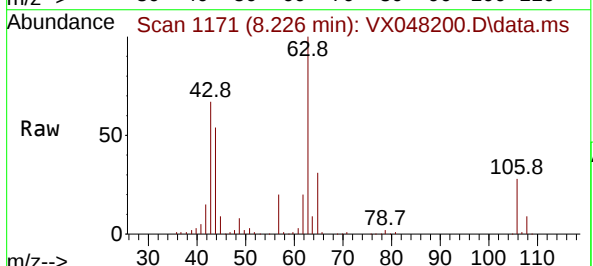
Acq: 17 Oct 2025 09:35

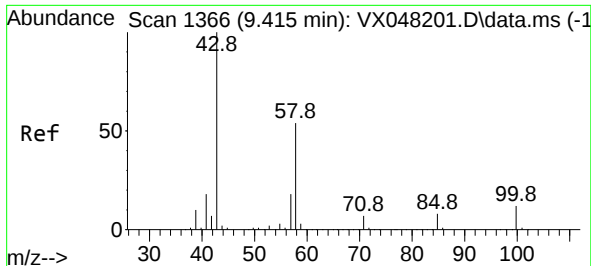
Tgt Ion: 63 Resp: 109951

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





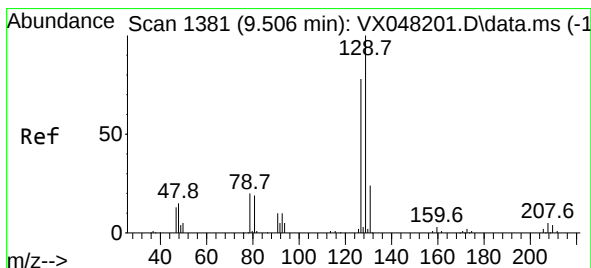
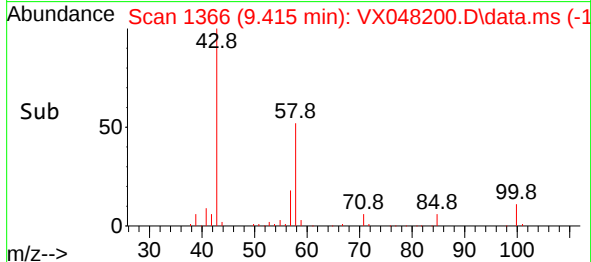
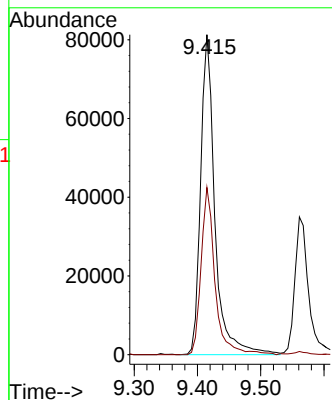
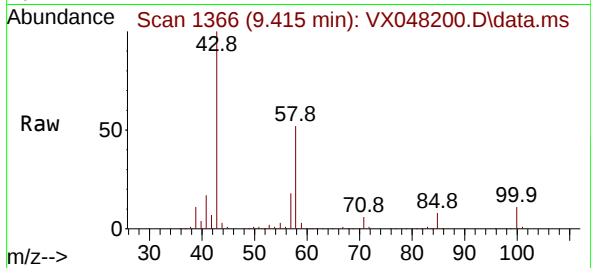
#59
2-Hexanone
Concen: 96.420 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 12772
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.8

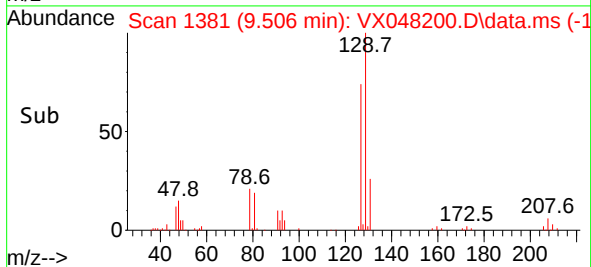
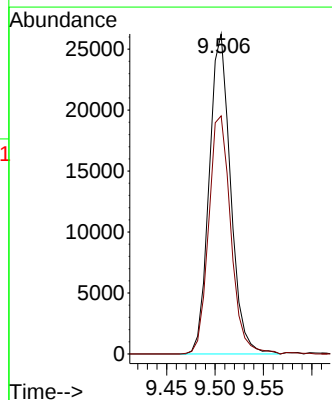
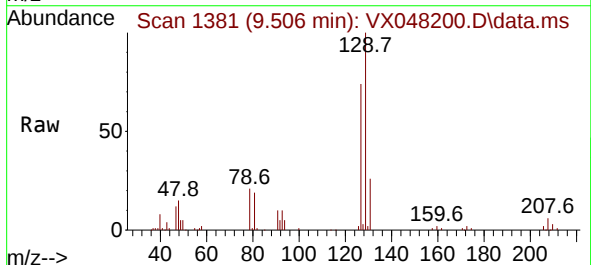
Manual Integrations
APPROVED

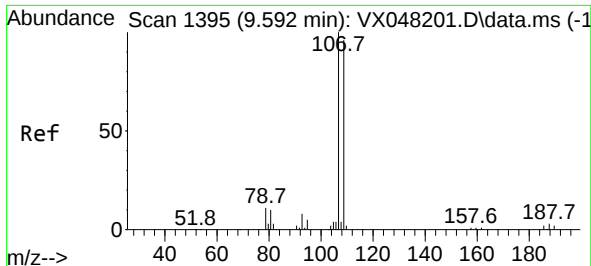
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
Dibromochloromethane
Concen: 19.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

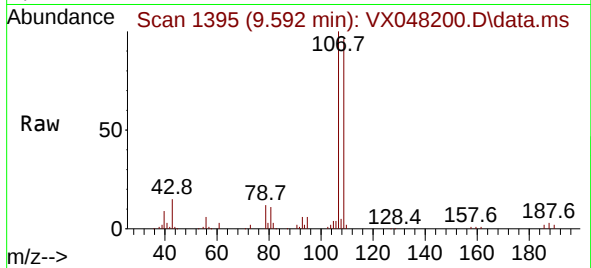
Tgt Ion:129 Resp: 40353
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 18.749 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

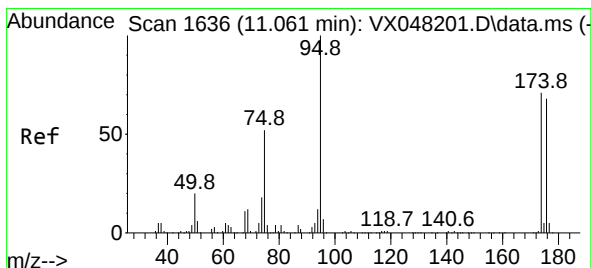
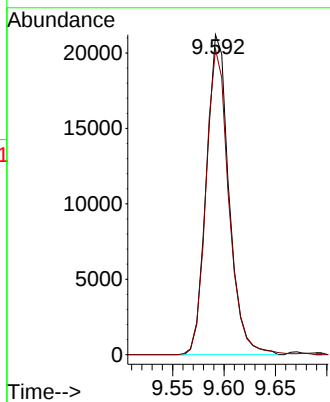
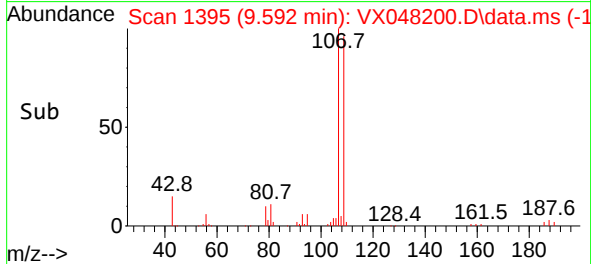
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 32470
Ion Ratio Lower Upper
107 100
109 96.8 77.0 115.4

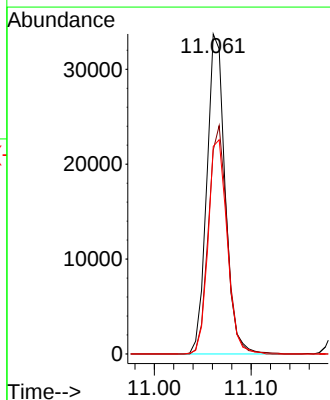
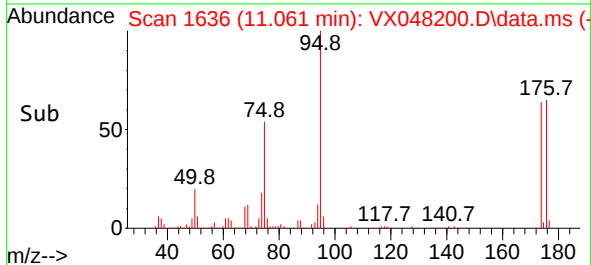
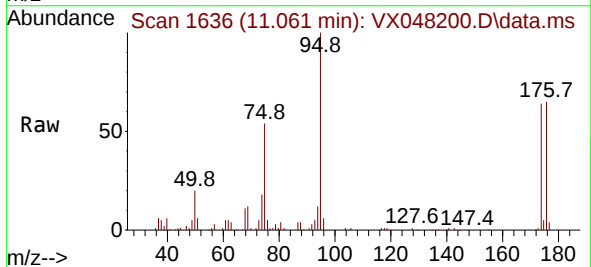
Manual Integrations
APPROVED

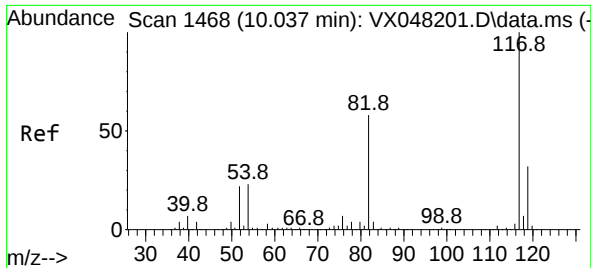
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#62
4-Bromofluorobenzene
Concen: 18.848 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

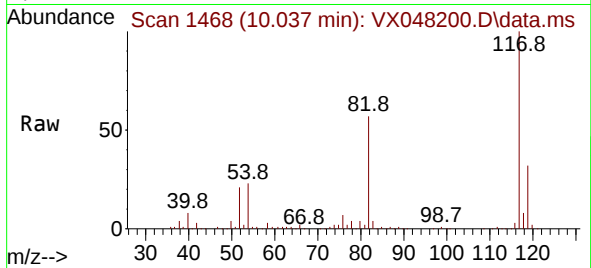
Tgt Ion: 95 Resp: 44537
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.8
176 69.3 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

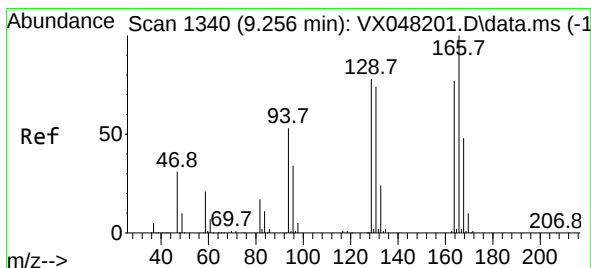
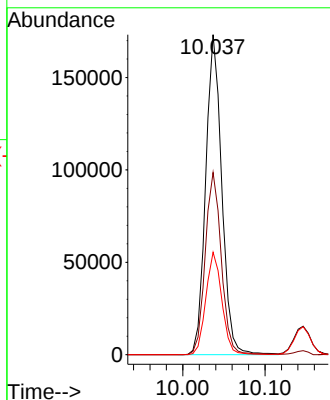
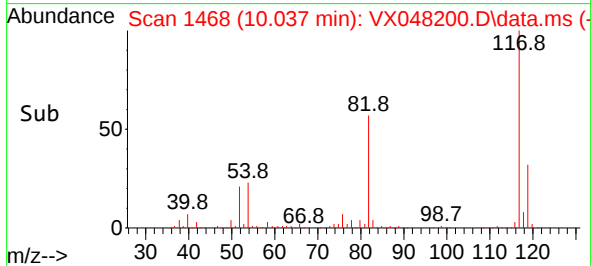
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 235392
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 32.0 25.9 38.9

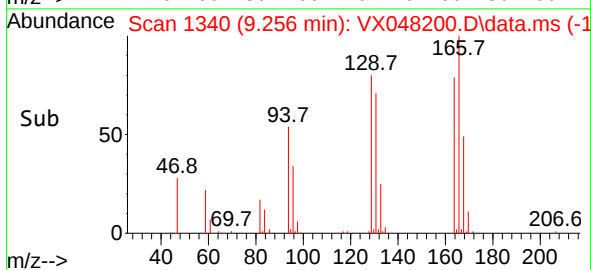
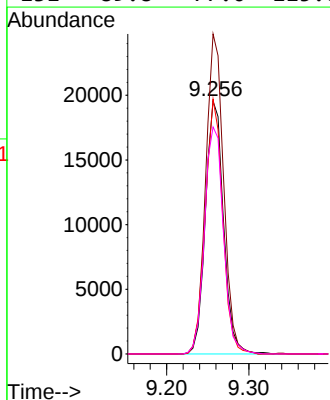
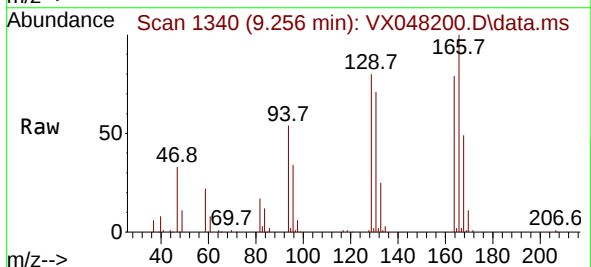
Manual Integrations
APPROVED

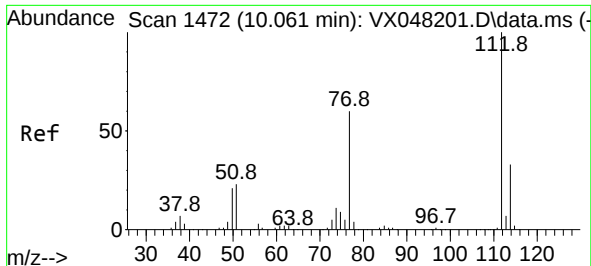
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Tetrachloroethene
Concen: 18.076 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:164 Resp: 29834
Ion Ratio Lower Upper
164 100
166 126.6 104.5 156.7
129 100.7 81.8 122.6
131 89.8 77.0 115.6





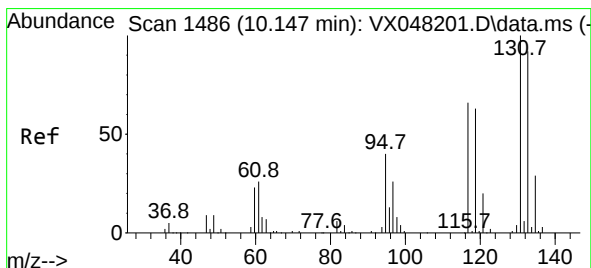
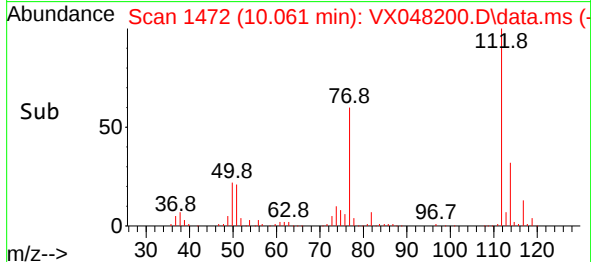
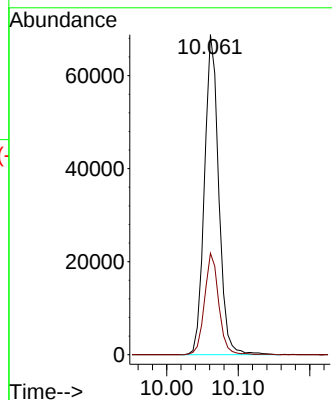
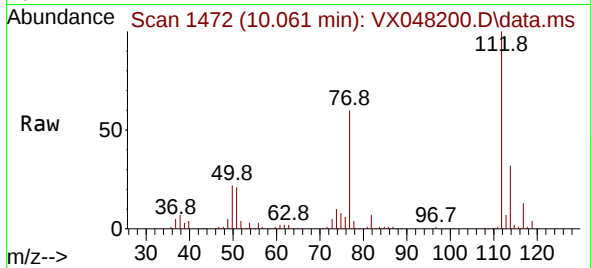
#65
Chlorobenzene
Concen: 18.568 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 9556
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

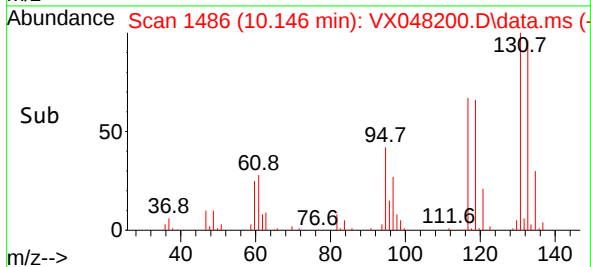
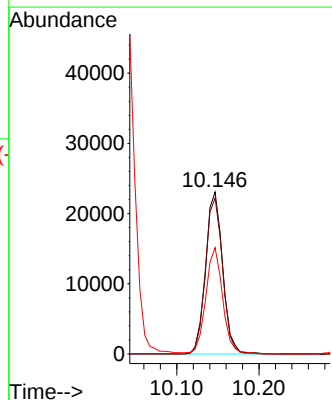
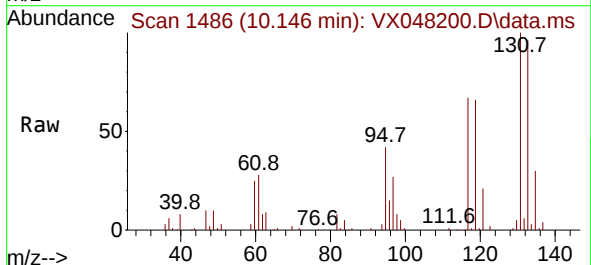
Manual Integrations
APPROVED

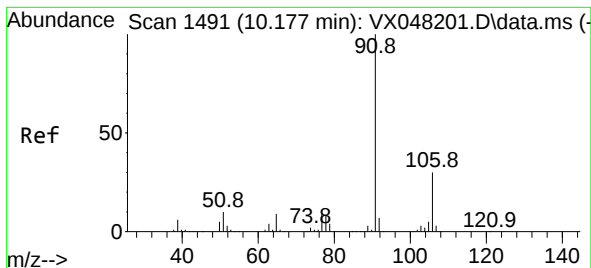
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.871 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

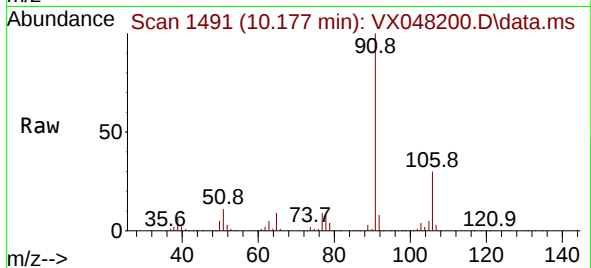
Tgt Ion:131 Resp: 33146
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.8
119 65.0 32.5 97.5





#67
Ethyl Benzene
Concen: 18.078 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

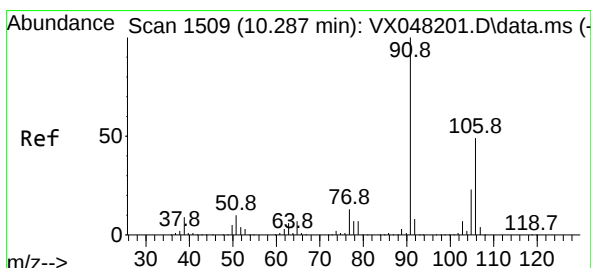
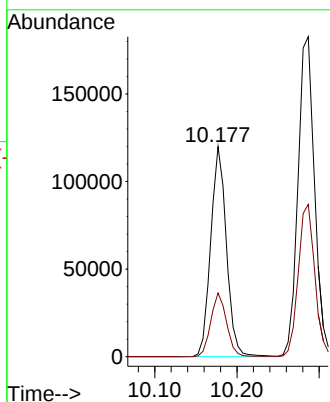
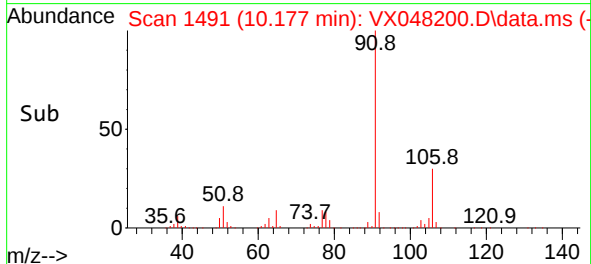
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



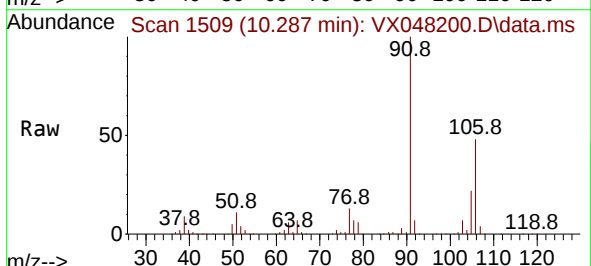
Tgt Ion: 91 Resp: 159512
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

Manual Integrations
APPROVED

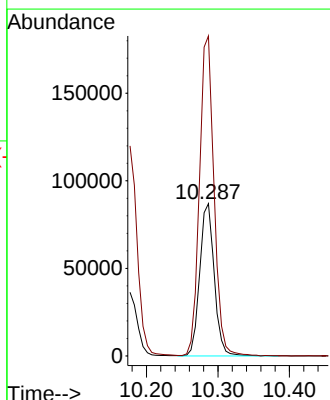
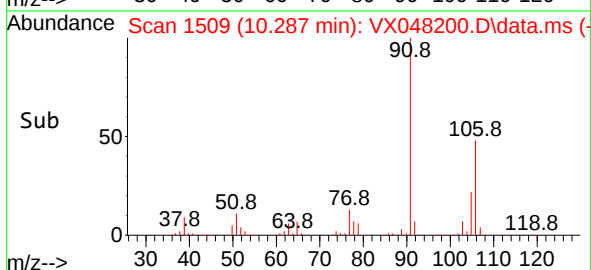
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

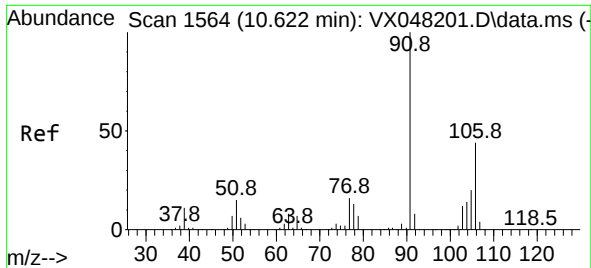


#68
m/p-Xylenes
Concen: 37.388 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



Tgt Ion:106 Resp: 122901
Ion Ratio Lower Upper
106 100
91 210.0 167.9 251.9





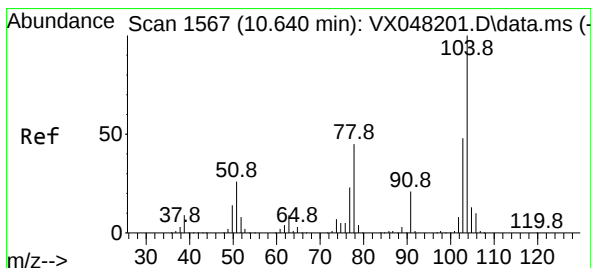
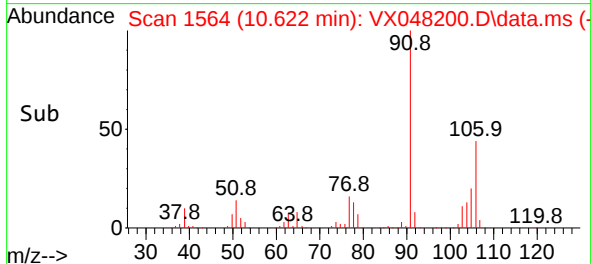
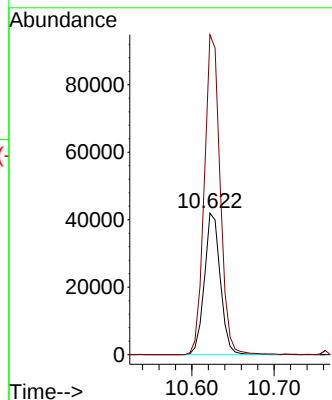
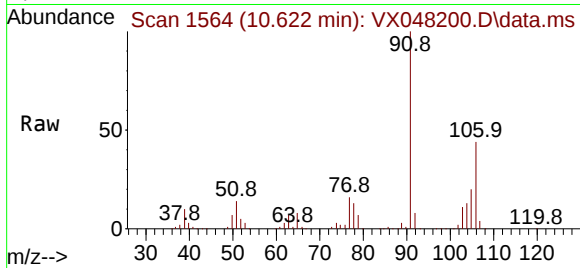
#69
o-Xylene
Concen: 18.223 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 5639
Ion Ratio Lower Upper
106 100
91 225.4 111.3 333.9

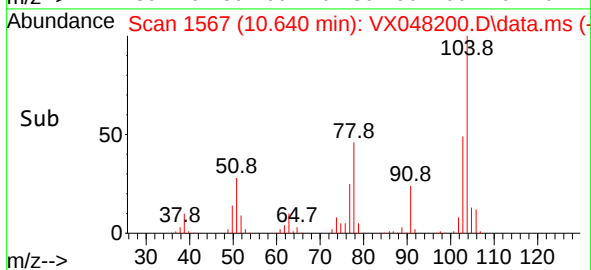
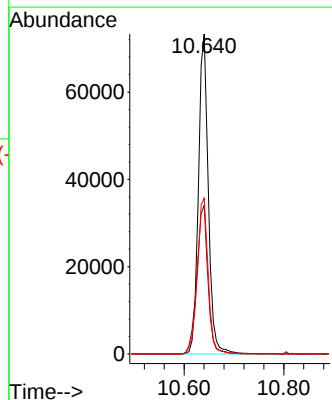
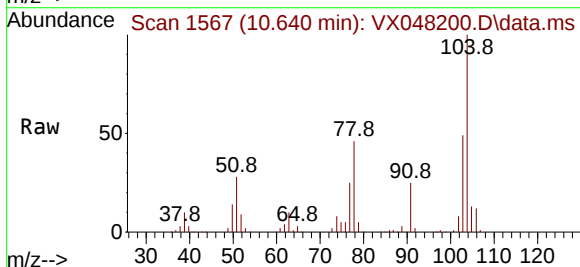
Manual Integrations
APPROVED

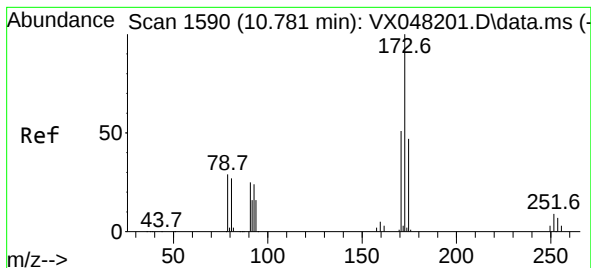
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#70
Styrene
Concen: 18.912 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

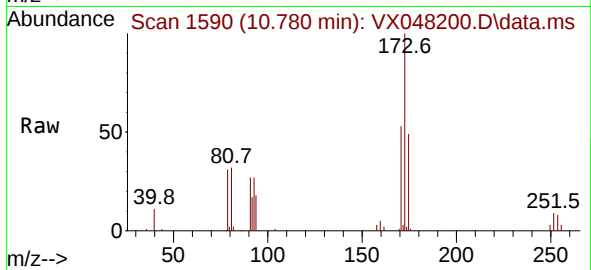
Tgt Ion:104 Resp: 100737
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 53.5 43.0 64.4





#71
Bromoform
Concen: 18.292 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

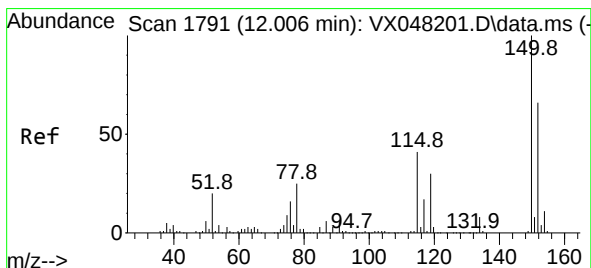
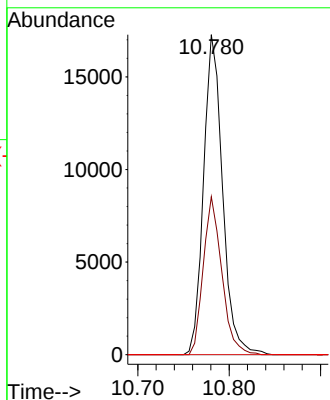
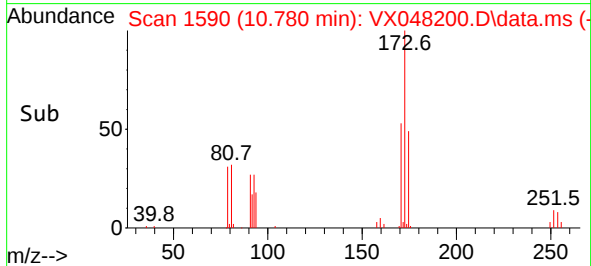
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



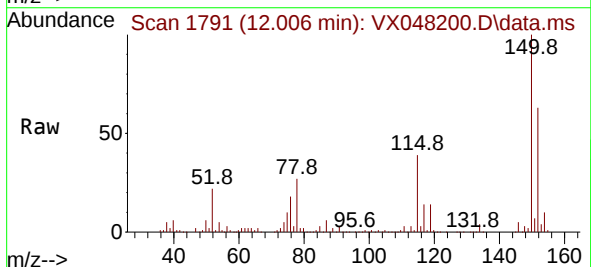
Tgt Ion:173 Resp: 2491
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

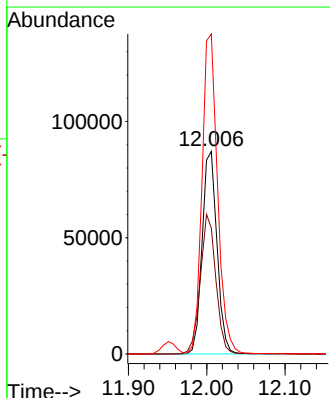
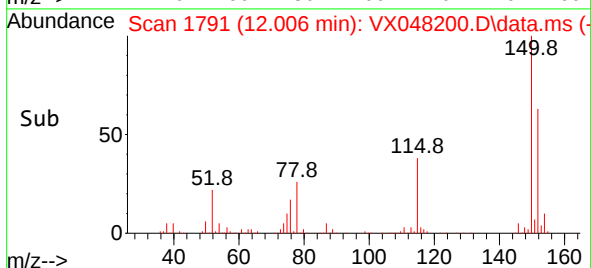
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

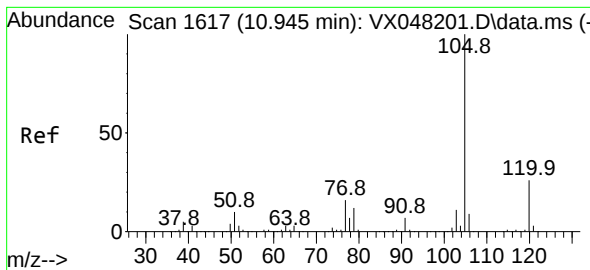


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



Tgt Ion:152 Resp: 115135
Ion Ratio Lower Upper
152 100
115 71.6 43.1 129.4
150 164.4 0.0 353.0





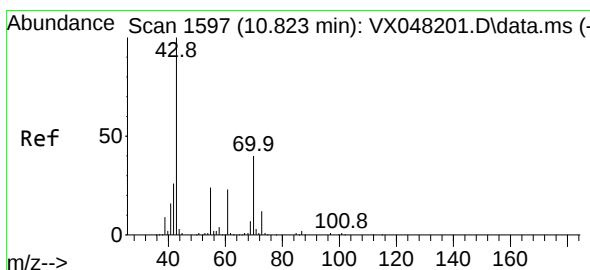
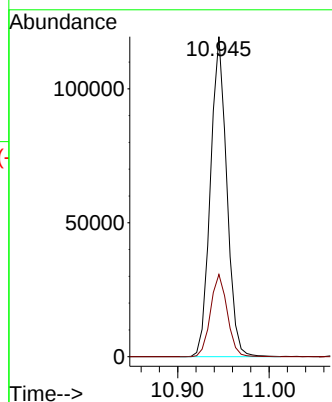
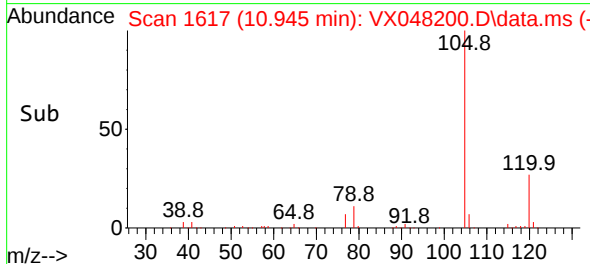
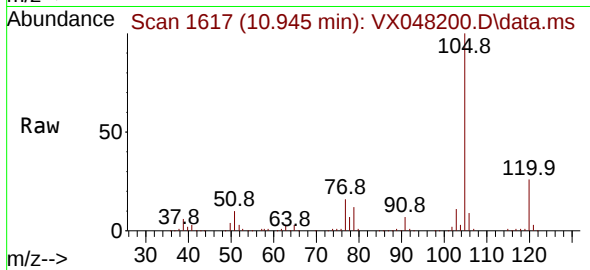
#73
Isopropylbenzene
Concen: 18.467 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 147885
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9

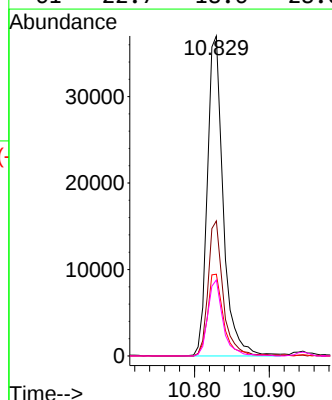
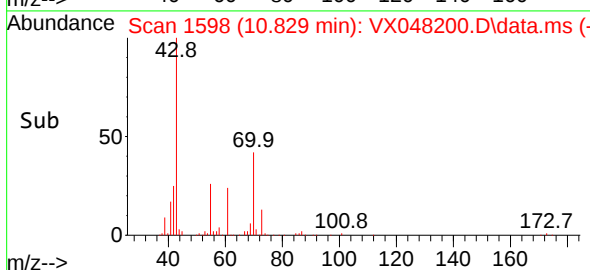
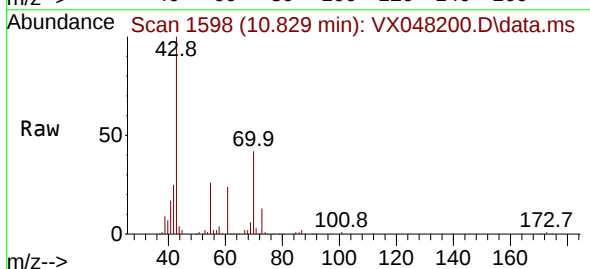
Manual Integrations
APPROVED

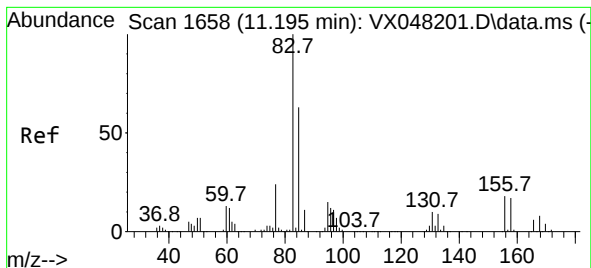
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#74
N-ethyl acetate
Concen: 18.261 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

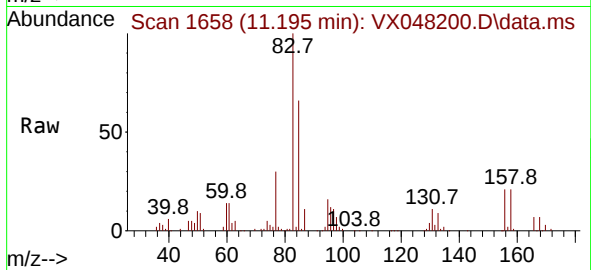
Tgt Ion: 43 Resp: 54555
Ion Ratio Lower Upper
43 100
70 40.1 32.2 48.2
55 25.4 19.1 28.7
61 22.7 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.889 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

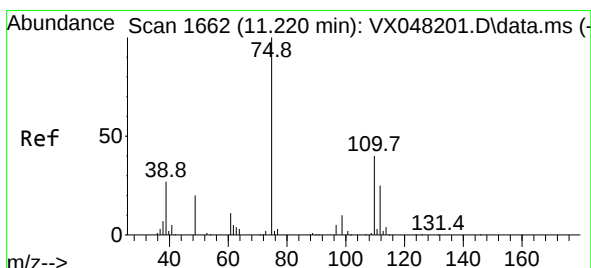
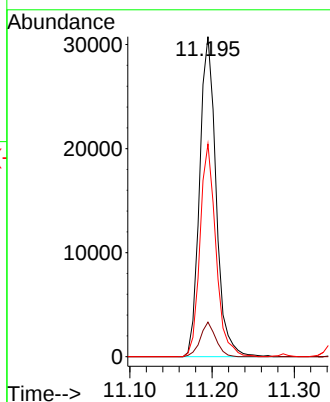
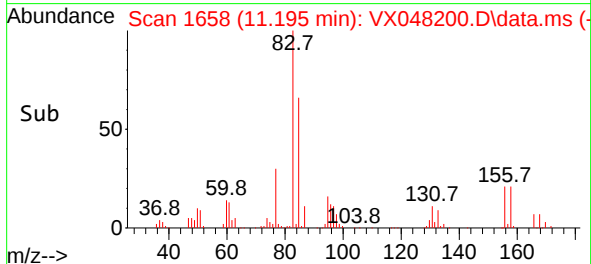
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



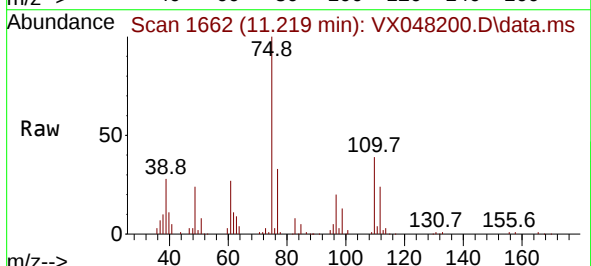
Tgt Ion: 83 Resp: 42852
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.2 31.9 95.7

Manual Integrations
APPROVED

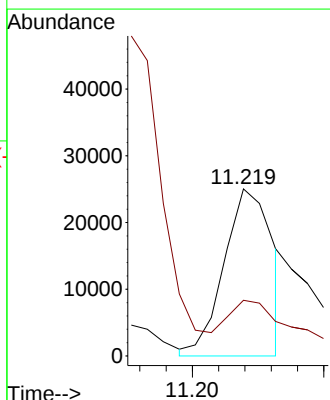
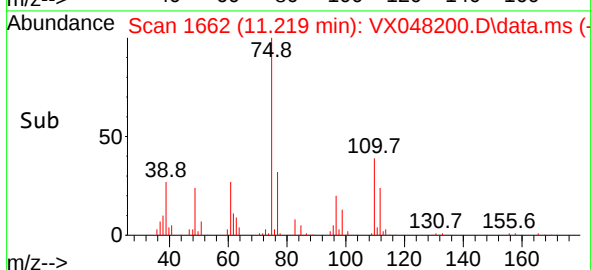
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

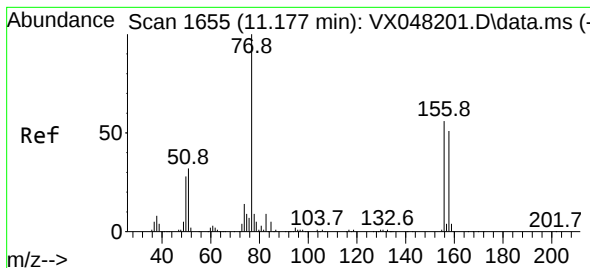


#76
1,2,3-Trichloropropane
Concen: 18.220 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



Tgt Ion: 75 Resp: 32033
Ion Ratio Lower Upper
75 100
77 44.9 22.4 67.2





#77

Bromobenzene

Concen: 18.429 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

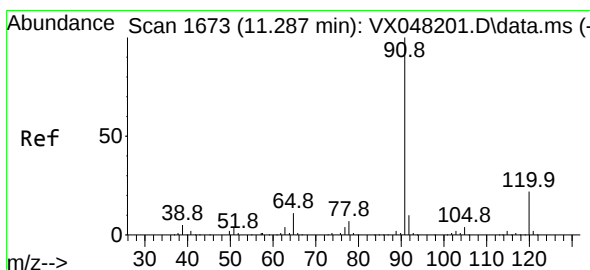
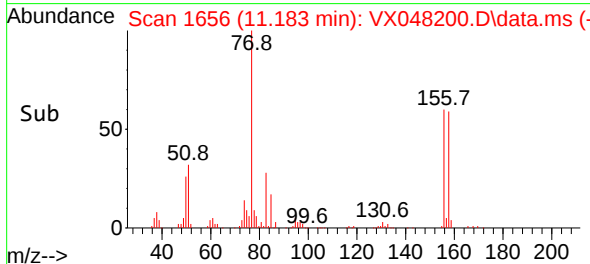
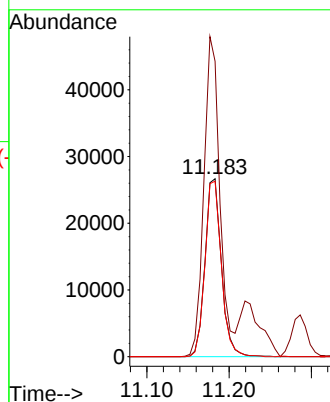
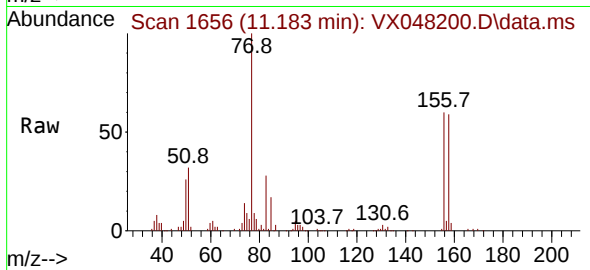
Tgt Ion:	156	Resp:	3693
Ion Ratio	Lower	Upper	
156	100		
77	175.3	87.0	261.0
158	98.7	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#78

n-propylbenzene

Concen: 18.596 ug/l

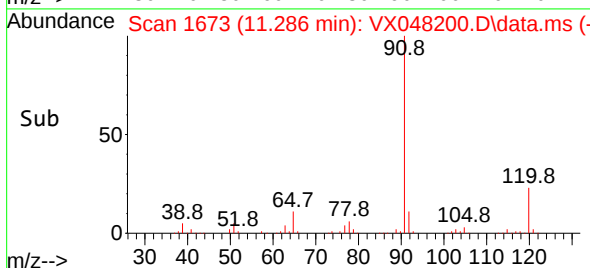
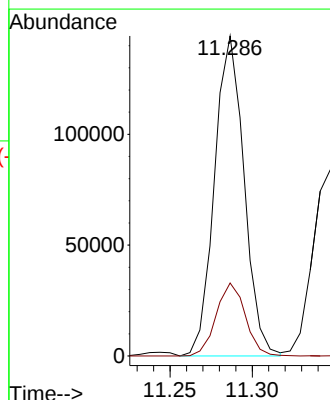
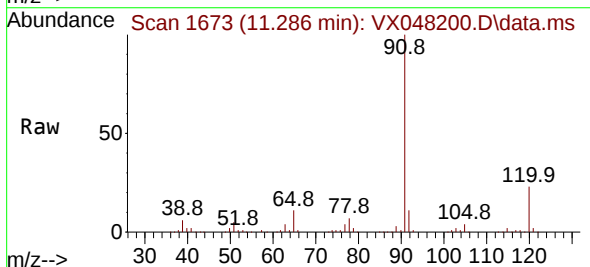
RT: 11.286 min Scan# 1673

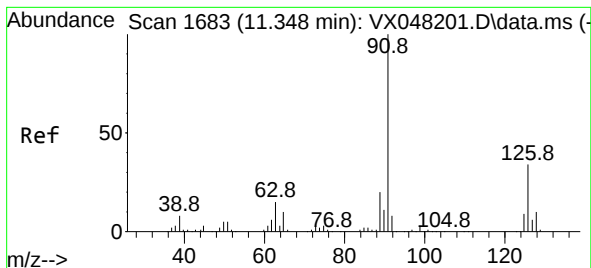
Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion:	91	Resp:	180587
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





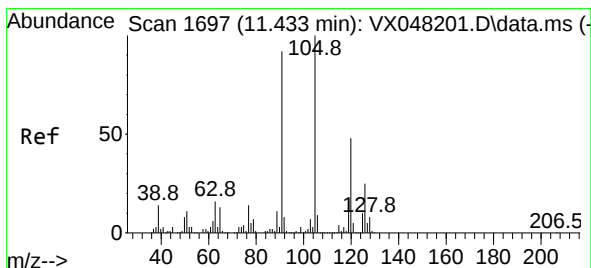
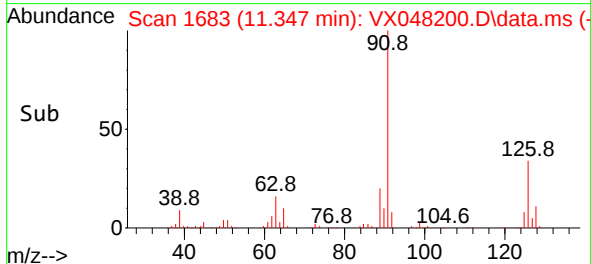
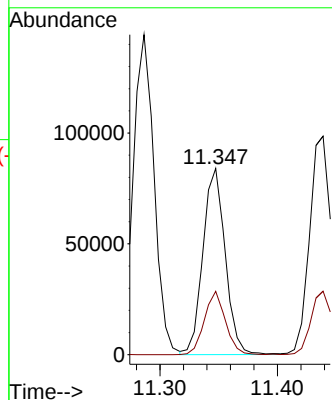
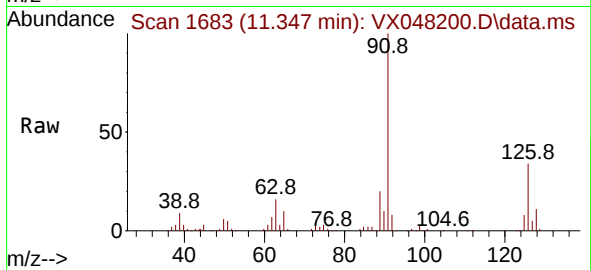
#79
2-Chlorotoluene
Concen: 18.889 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 11082
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4

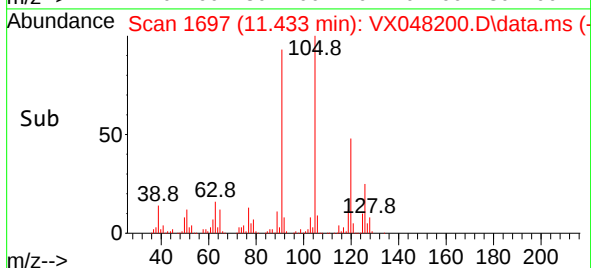
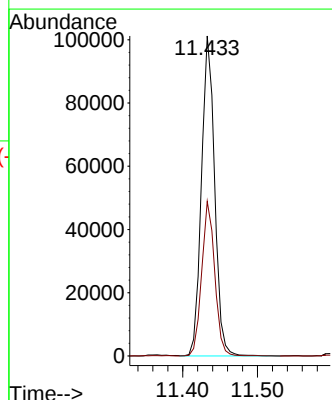
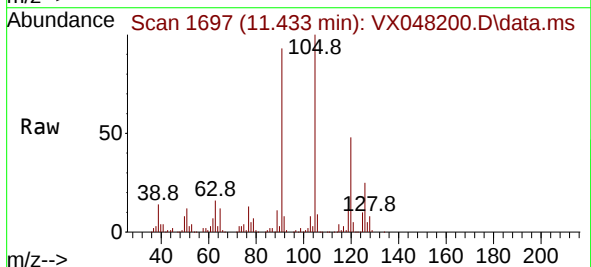
Manual Integrations
APPROVED

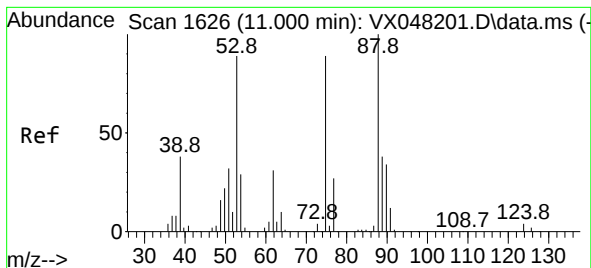
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.861 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

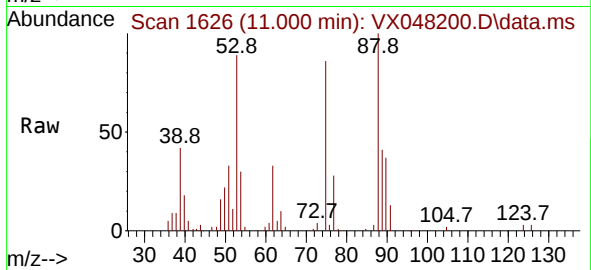
Tgt Ion:105 Resp: 123979
Ion Ratio Lower Upper
105 100
120 47.8 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.959 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

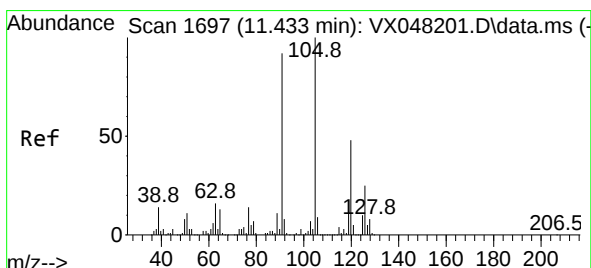
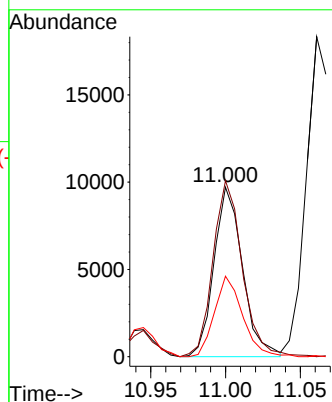
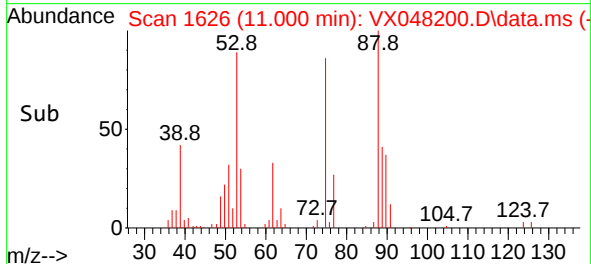
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



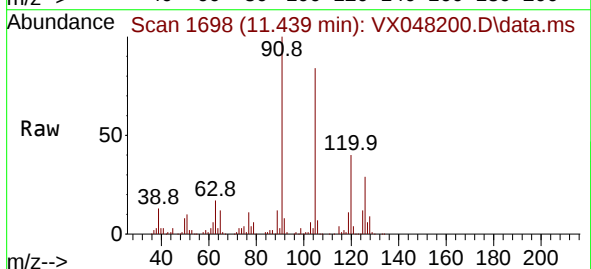
Tgt Ion: 75 Resp: 1289
Ion Ratio Lower Upper
75 100
53 106.6 79.5 119.3
89 46.8 36.8 55.2

Manual Integrations
APPROVED

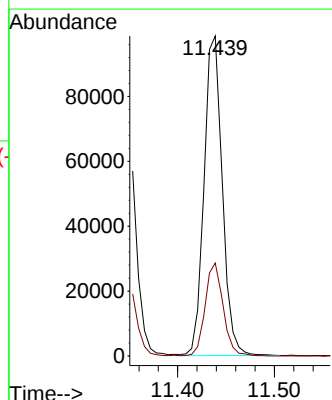
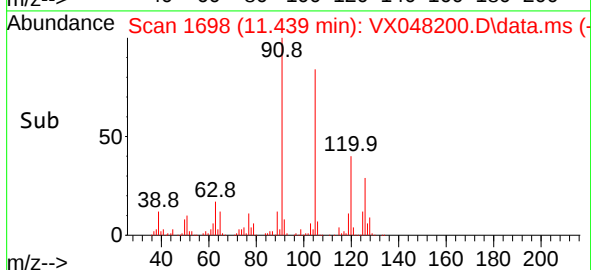
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

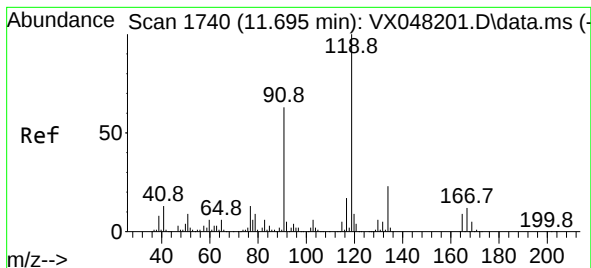


#82
4-Chlorotoluene
Concen: 18.828 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



Tgt Ion: 91 Resp: 129814
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 18.118 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 120319

Ion Ratio Lower Upper

119 100

91 59.7 30.3 91.0

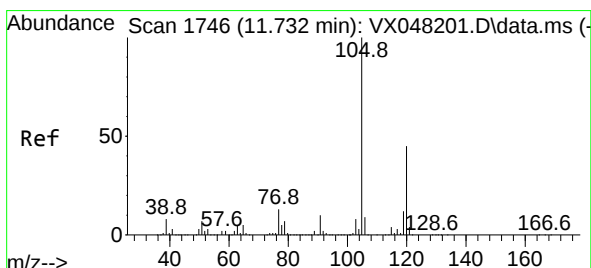
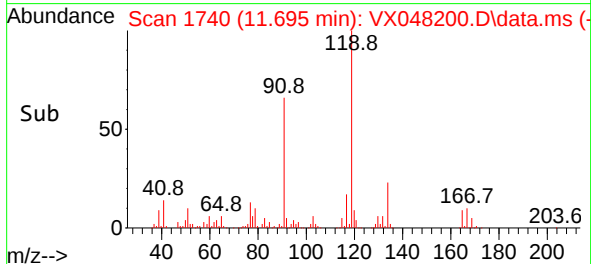
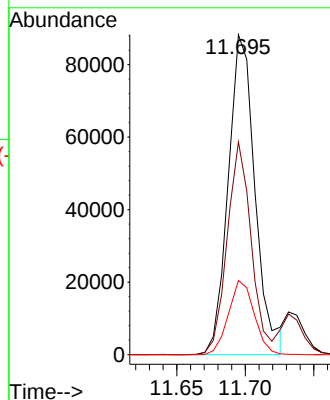
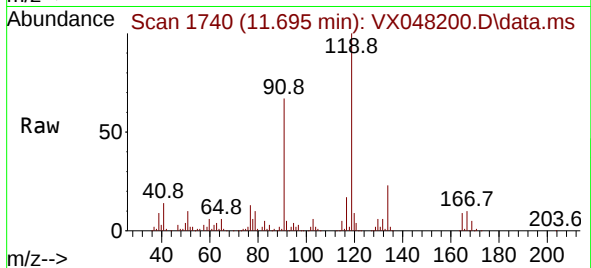
134 22.3 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.960 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048200.D

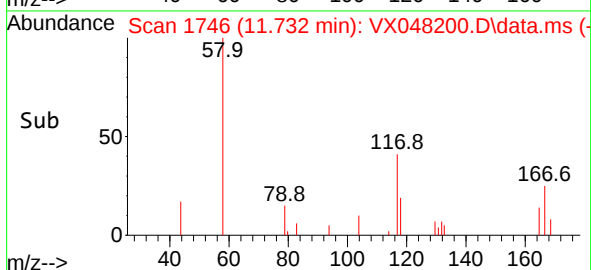
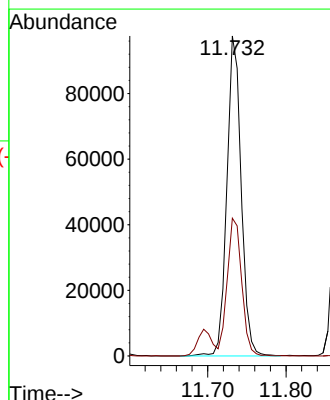
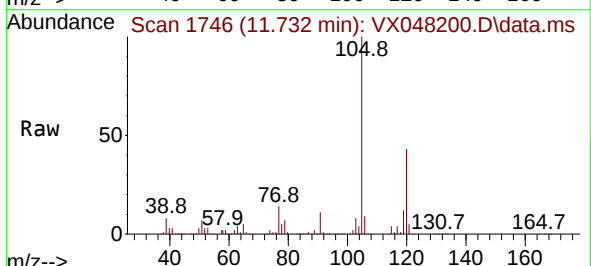
Acq: 17 Oct 2025 09:35

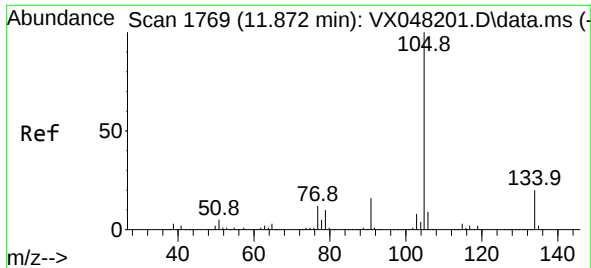
Tgt Ion:105 Resp: 124103

Ion Ratio Lower Upper

105 100

120 43.3 22.1 66.5





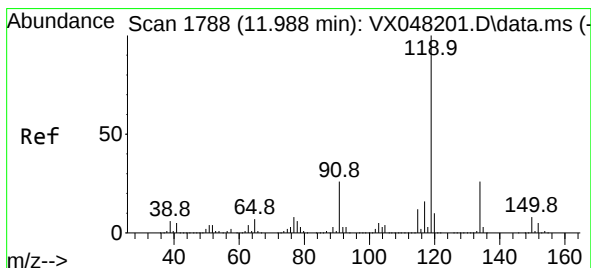
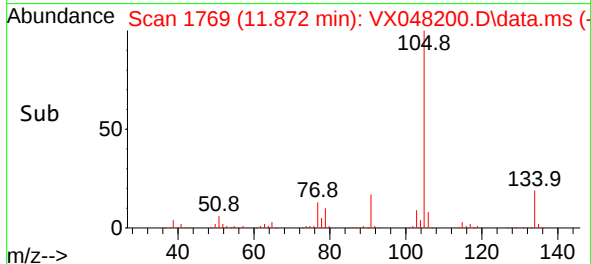
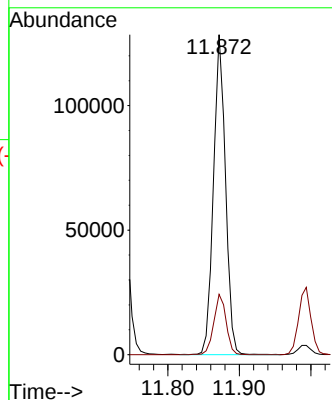
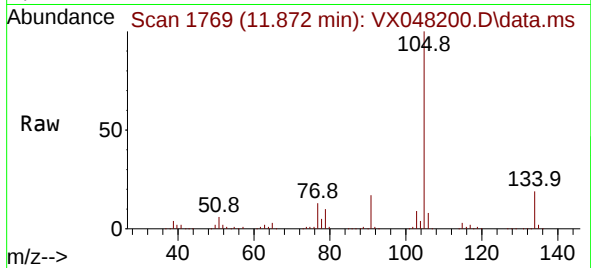
#85
 sec-Butylbenzene
 Concen: 18.453 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion:105 Resp: 149810
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1

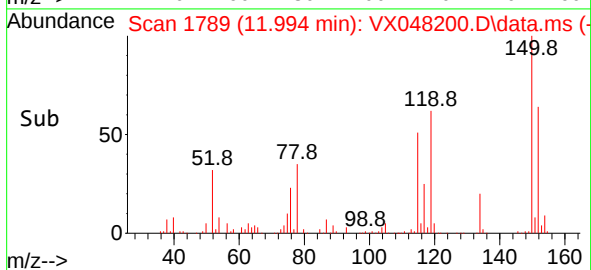
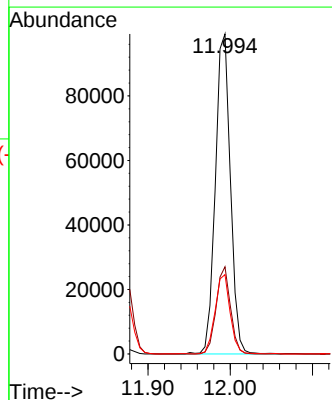
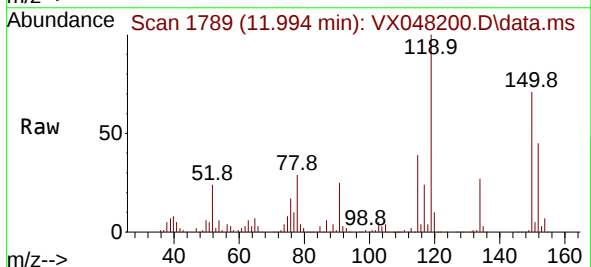
Manual Integrations
 APPROVED

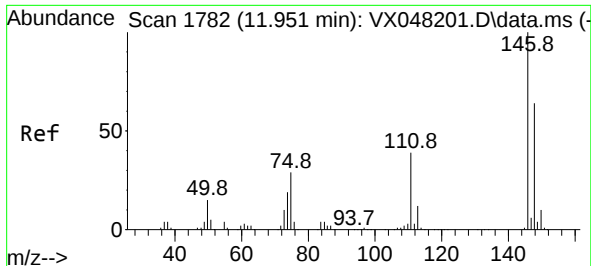
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#86
 p-Isopropyltoluene
 Concen: 18.425 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048200.D
 Acq: 17 Oct 2025 09:35

Tgt Ion:119 Resp: 126086
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.336 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 6871

Ion Ratio Lower Upper

146 100

111 42.8 20.4 61.2

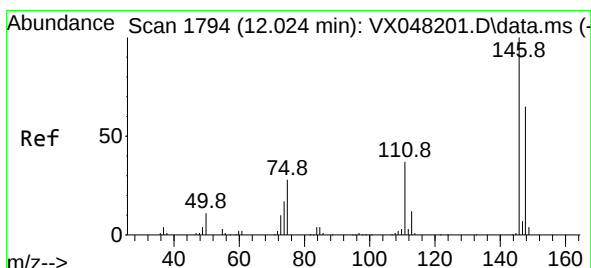
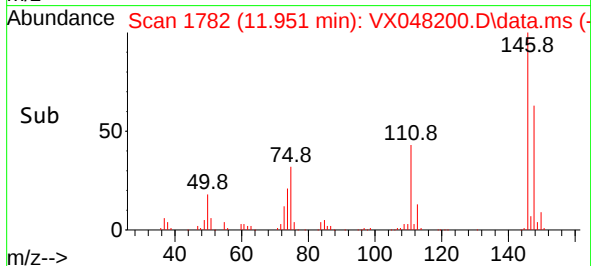
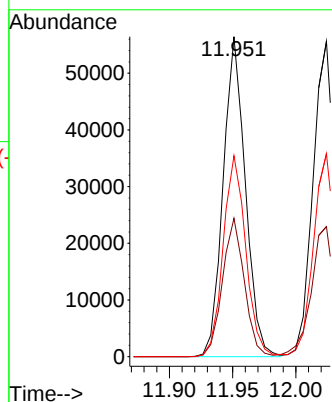
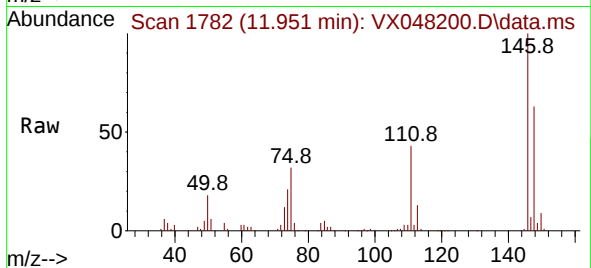
148 64.3 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#88

1,4-Dichlorobenzene

Concen: 18.024 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

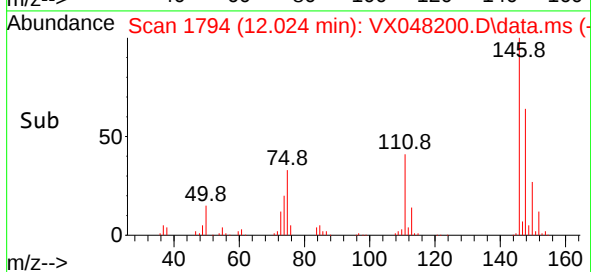
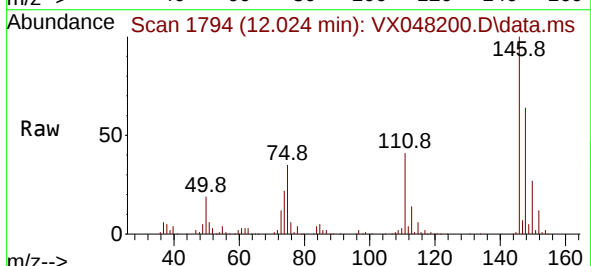
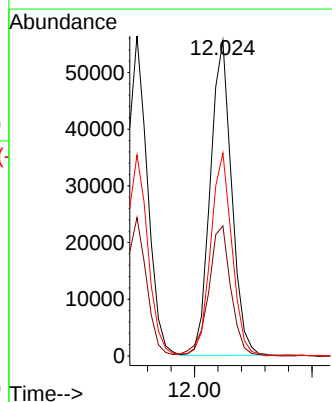
Tgt Ion:146 Resp: 70018

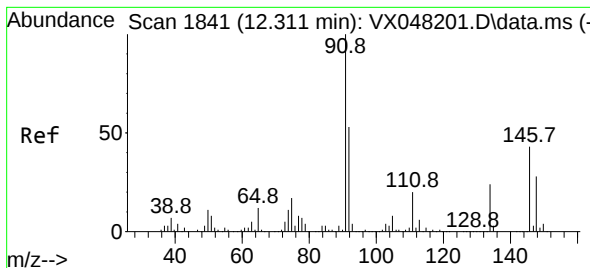
Ion Ratio Lower Upper

146 100

111 43.5 20.1 60.2

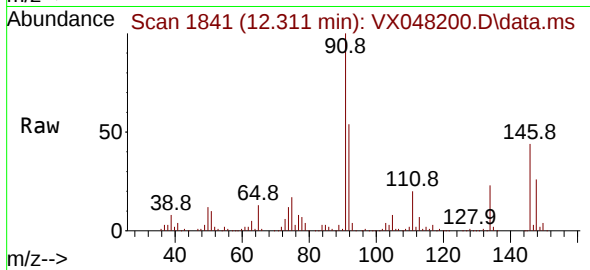
148 64.5 31.8 95.3





#89
n-Butylbenzene
Concen: 17.742 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

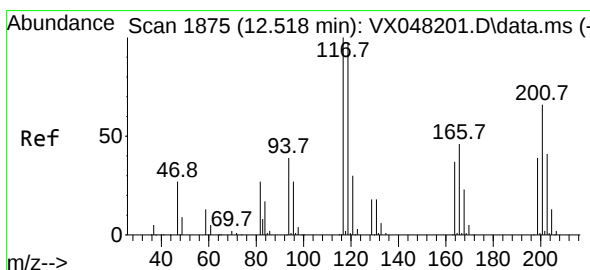
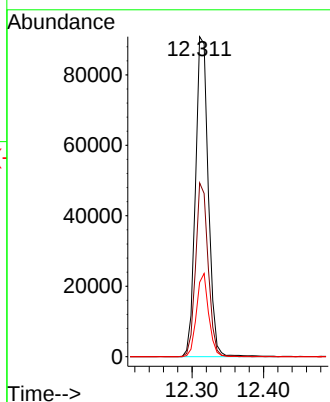
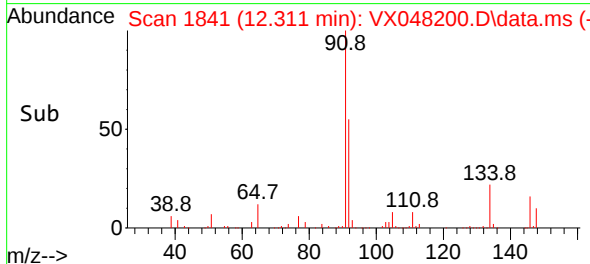
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 11308
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.6
134 24.6 12.7 38.1

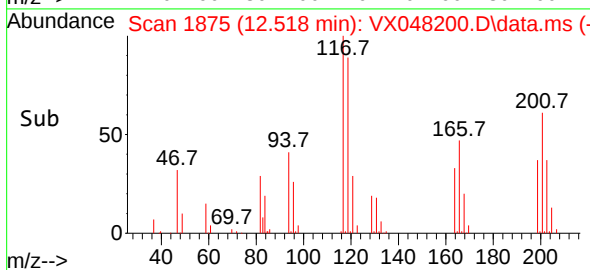
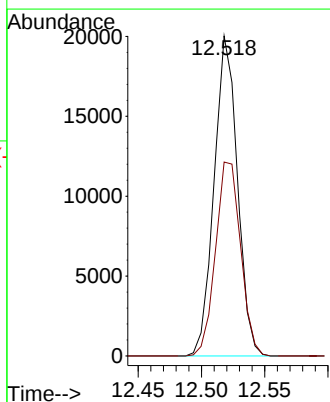
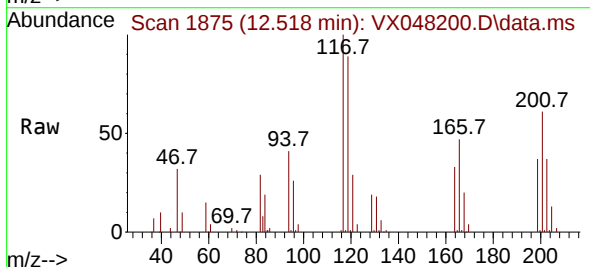
Manual Integrations
APPROVED

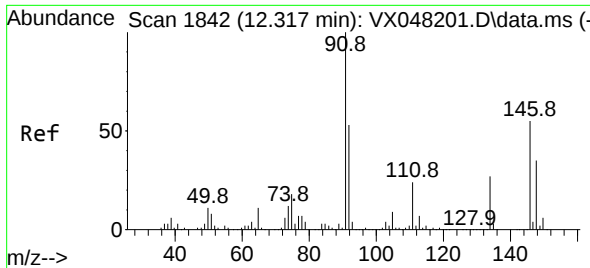
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#90
Hexachloroethane
Concen: 17.745 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

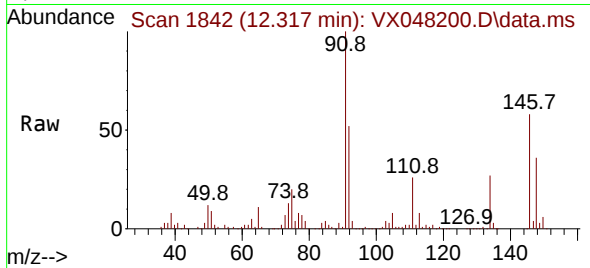
Tgt Ion:117 Resp: 25630
Ion Ratio Lower Upper
117 100
201 65.3 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 18.175 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

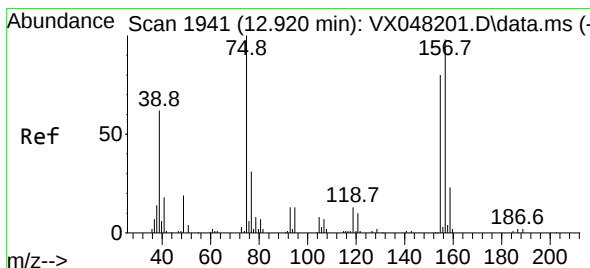
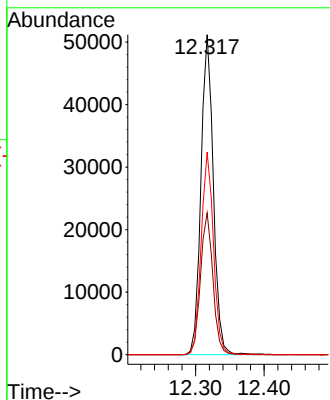
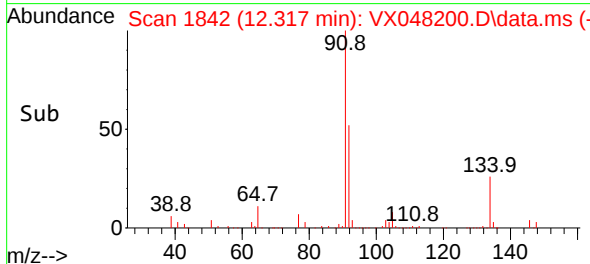
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



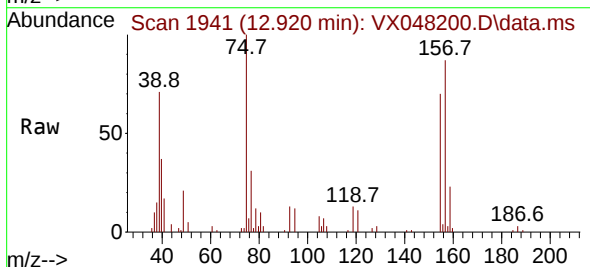
Tgt Ion:146 Resp: 6435
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 63.1 31.9 95.5

Manual Integrations
APPROVED

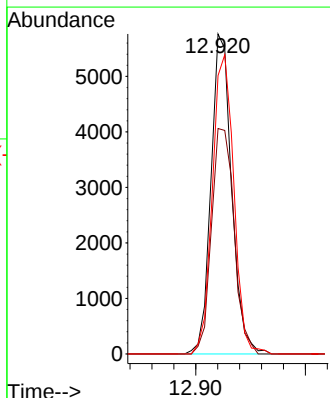
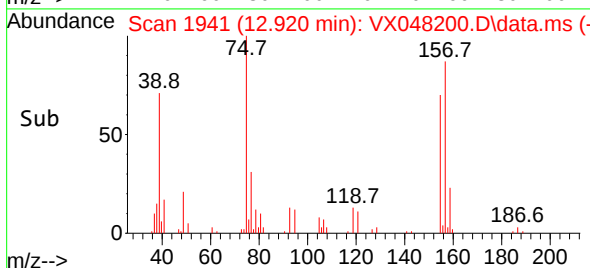
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

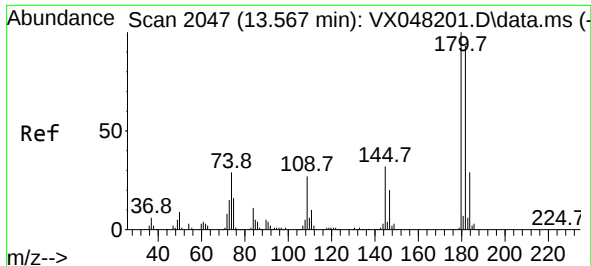


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.167 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



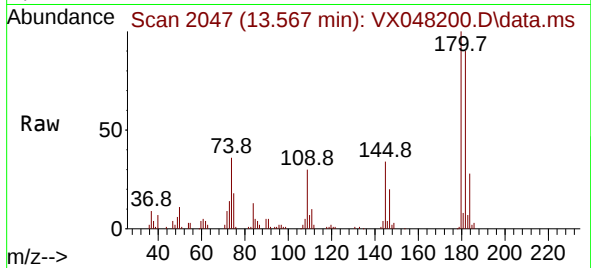
Tgt Ion: 75 Resp: 7531
Ion Ratio Lower Upper
75 100
155 77.2 42.8 128.4
157 97.2 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 17.613 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

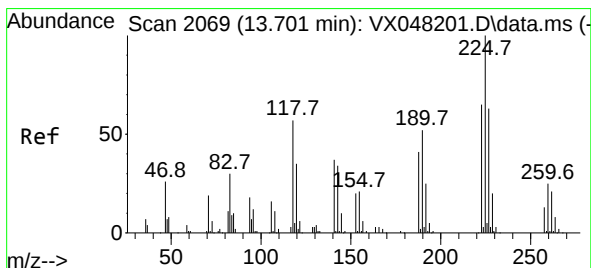
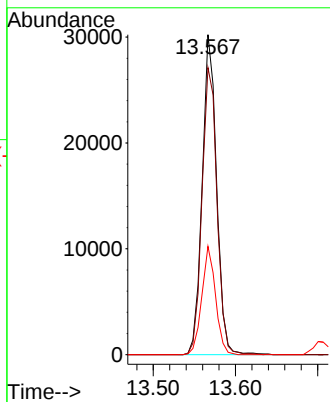
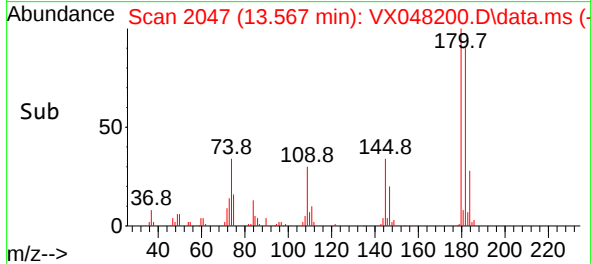
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



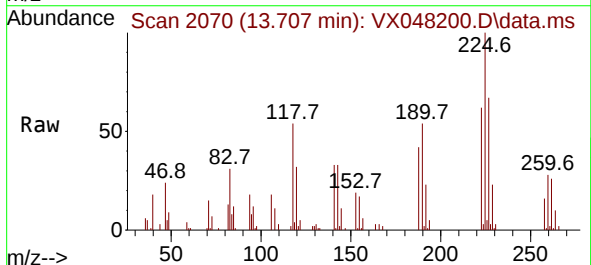
Tgt Ion:180 Resp: 36810
Ion Ratio Lower Upper
180 100
182 93.0 47.3 142.0
145 32.3 16.3 48.9

Manual Integrations
APPROVED

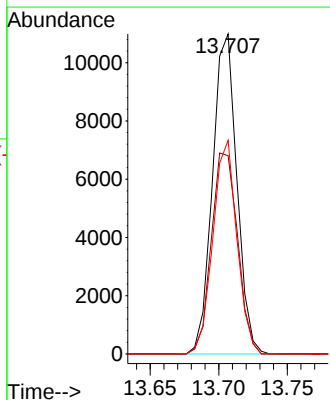
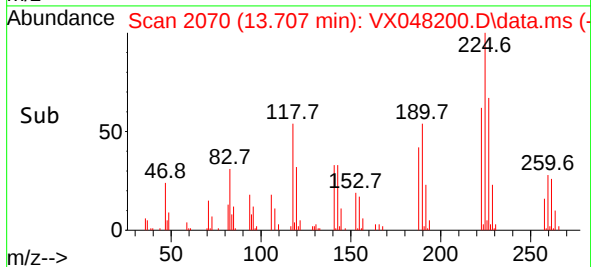
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

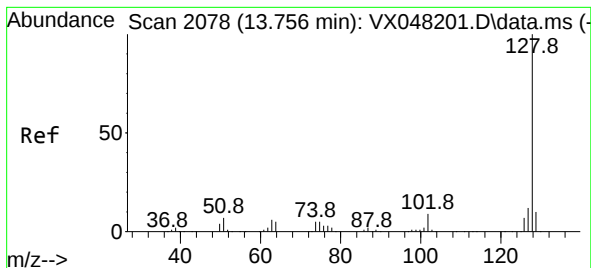


#94
Hexachlorobutadiene
Concen: 16.807 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35



Tgt Ion:225 Resp: 13549
Ion Ratio Lower Upper
225 100
223 67.9 32.6 97.7
227 65.7 32.5 97.4





#95

Naphthalene

Concen: 18.045 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

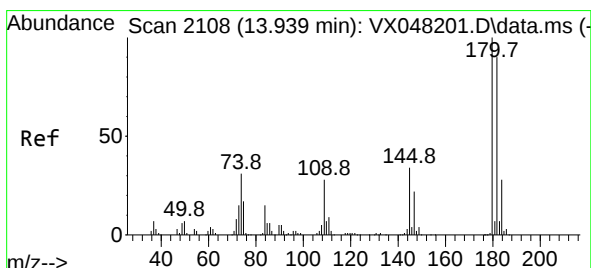
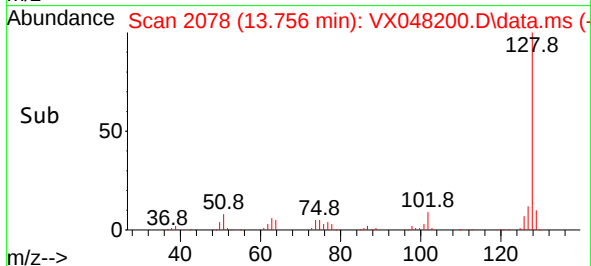
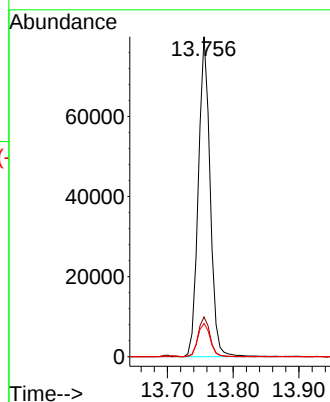
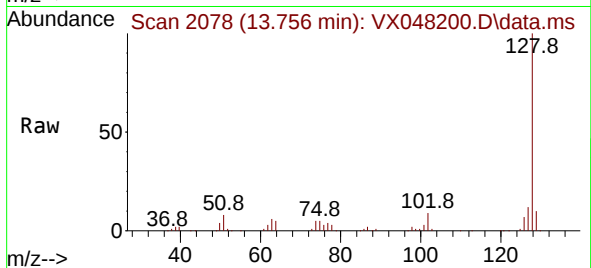
Tgt Ion:	128	Resp:	9942
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.580 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048200.D

Acq: 17 Oct 2025 09:35

Tgt Ion:	180	Resp:	33905
Ion Ratio	Lower	Upper	
180	100		
182	97.2	46.6	139.7
145	34.8	16.9	50.7

