

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045285.D
 Acq On : 14 Mar 2025 10:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 03:51:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	16402	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	86549	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	77791	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	51646	32.419	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.067%			
60) 4-Bromofluorobenzene	11.079	95	44147	30.362	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.200%			
63) Toluene-d8	8.641	98	133493	31.019	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27025	19.545	ug/l	98
3) Chloromethane	1.307	50	29430	17.771	ug/l	98
4) Vinyl Chloride	1.368	62	25739	16.107	ug/l	99
5) Bromomethane	1.593	94	11708	21.048	ug/l	99
6) Chloroethane	1.673	64	15010	17.343	ug/l	96
7) Trichlorofluoromethane	1.874	101	38646	17.994	ug/l	95
8) Diethyl Ether	2.130	74	12991	15.986	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	24758	19.409	ug/l	98
10) 1,1-Dichloroethene	2.307	96	23275	18.680	ug/l	84
11) Methyl Iodide	2.441	142	27786	19.703	ug/l	96
12) Methyl Acetate	2.703	43	41826	28.908	ug/l	99
13) Acrolein	2.233	56	22756	78.465	ug/l	97
14) Acrylonitrile	3.056	53	75382	106.663	ug/l	99
15) Acetone	2.380	58	21525	111.052	ug/l	97
16) Carbon Disulfide	2.502	76	56436	15.969	ug/l	98
17) Allyl chloride	2.654	41	43404	18.625	ug/l	99
18) Methylene Chloride	2.782	84	27392	19.546	ug/l	90
19) trans-1,2-Dichloroethene	3.081	96	23037	18.275	ug/l	98
20) Diisopropyl ether	3.751	45	83561	18.659	ug/l	93
21) 1,1-Dichloroethane	3.599	63	47024	18.881	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	27810	18.410	ug/l	97
23) tert-Butyl Alcohol	2.965	59	22972	93.108	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	76236	18.747	ug/l	97
25) Chloroform	5.080	83	48032	19.966	ug/l	100
26) Cyclohexane	5.458	56	40980	17.826	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	30547	19.187	ug/l	98
30) 2-Butanone	4.550	43	107633	117.046	ug/l	99
31) 2,2-Dichloropropane	4.465	77	31898	17.719	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	39099	20.269	ug/l	96
33) Carbon Tetrachloride	5.660	117	33104	20.334	ug/l	94
34) Benzene	6.032	78	98293	19.687	ug/l	97
35) Methacrylonitrile	4.916	41	21961	22.317	ug/l	95
36) 1,2-Dichloroethane	6.080	62	37507	21.942	ug/l #	86
37) Trichloroethene	7.123	130	22160	18.972	ug/l	96
38) Methylcyclohexane	7.373	83	39538	18.496	ug/l	99
39) 1,2-Dichloropropane	7.422	63	25024	20.160	ug/l	98
40) Dibromomethane	7.574	93	18384	20.639	ug/l	98
41) Bromodichloromethane	7.818	83	35564	20.089	ug/l #	98
42) Vinyl Acetate	3.715	43	336824	94.389	ug/l	99

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 QLast Update : Sat Feb 22 01:06:36 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	35536	20.606	ug/l	99
44) Isopropyl Acetate	6.330	43	57025	20.091	ug/l	98
45) 1,4-Dioxane	7.659	88	10767	364.913	ug/l	93
46) Methyl methacrylate	7.690	41	29283	21.040	ug/l	90
47) n-amyl Acetate	10.842	43	47634	19.340	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	30902	18.110	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	36026	18.650	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	24020	20.674	ug/l	95
51) Ethyl methacrylate	9.116	69	35672	19.522	ug/l	98
52) 1,3-Dichloropropane	9.305	76	42035	20.648	ug/l	99
53) Dibromochloromethane	9.519	129	26379	20.529	ug/l	97
54) 1,2-Dibromoethane	9.604	107	23922	20.276	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	93558	99.705	ug/l	100
56) Bromoform	10.799	173	16604	20.621	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	210011	118.678	ug/l	97
59) 2-Hexanone	9.427	43	151320	118.305	ug/l	99
61) Tetrachloroethene	9.269	164	20203	21.091	ug/l	98
62) Toluene	8.714	91	102478	19.886	ug/l	97
64) Chlorobenzene	10.073	112	63738	19.960	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.159	131	21469	20.375	ug/l	99
66) Ethyl Benzene	10.189	91	112344	19.913	ug/l	99
67) m/p-Xylenes	10.299	106	82923	39.449	ug/l	98
68) o-Xylene	10.640	106	40626	19.698	ug/l	98
69) Styrene	10.653	104	67365	19.557	ug/l	98
70) Isopropylbenzene	10.957	105	108381	20.364	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	39996	22.853	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	33154m	23.032	ug/l	
73) Bromobenzene	11.195	156	24622	20.096	ug/l	98
74) n-propylbenzene	11.299	91	126506	19.974	ug/l	100
75) 2-Chlorotoluene	11.360	91	77599	20.266	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	88277	20.105	ug/l	99
77) t-1,4-Dichloro-2-butene	11.012	75	9226	19.050	ug/l	73
78) 4-Chlorotoluene	11.451	91	87449	20.488	ug/l	98
79) tert-butylbenzene	11.713	119	89097	20.139	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	86841	19.744	ug/l	98
81) sec-Butylbenzene	11.890	105	112619	20.283	ug/l	99
82) p-Isopropyltoluene	12.006	119	92660	20.597	ug/l	99
83) 1,3-Dichlorobenzene	11.963	146	44474	19.509	ug/l	96
84) 1,4-Dichlorobenzene	12.037	146	46066	20.495	ug/l	99
85) n-Butylbenzene	12.329	91	80698	19.643	ug/l	99
86) Hexachloroethane	12.536	117	15467	19.495	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	46617	20.841	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7662	22.612	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	25942	19.136	ug/l	98
90) Hexachlorobutadiene	13.719	225	11256	20.360	ug/l	96
91) Naphthalene	13.774	128	94674	19.806	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	26866	19.250	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

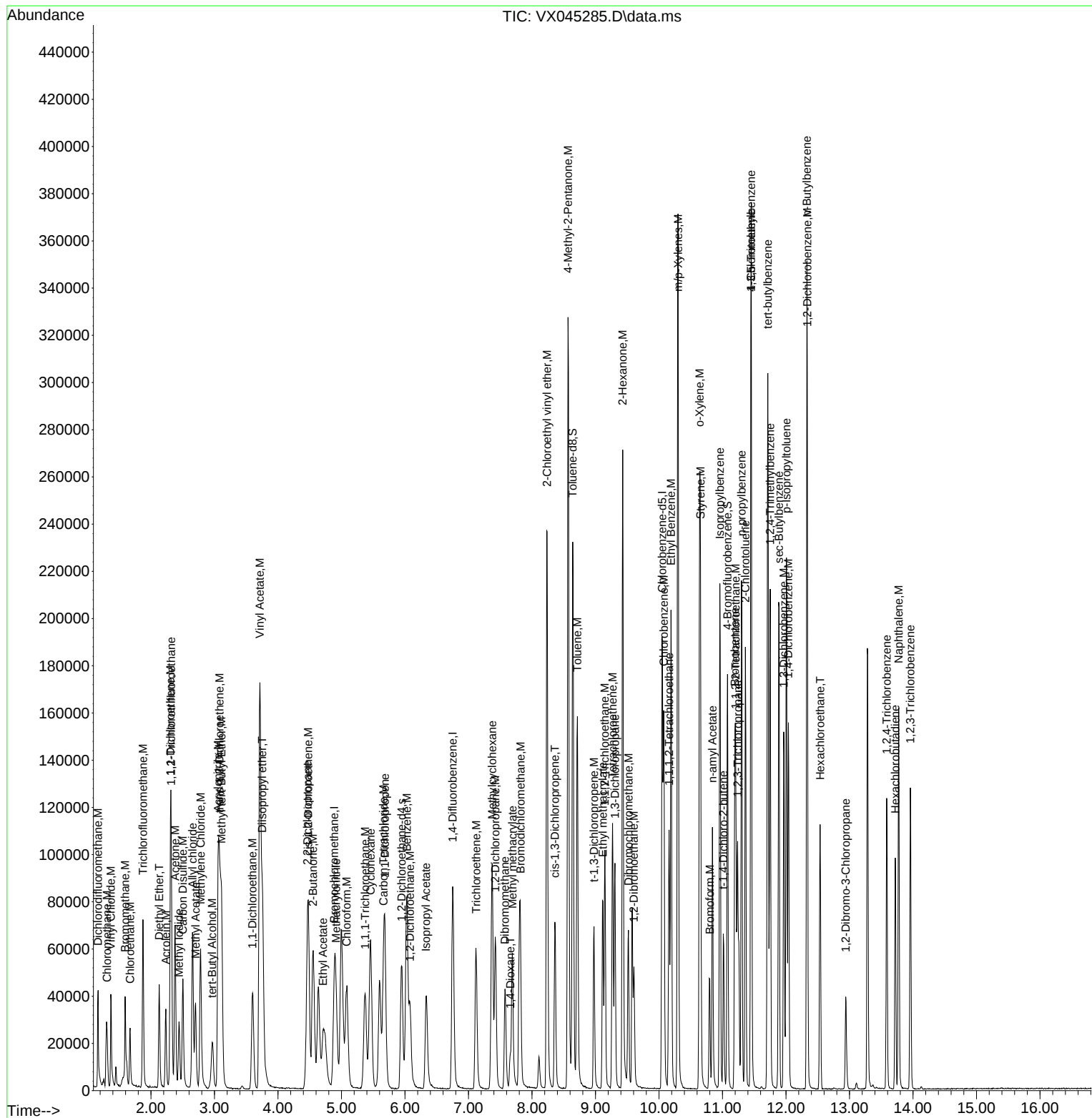
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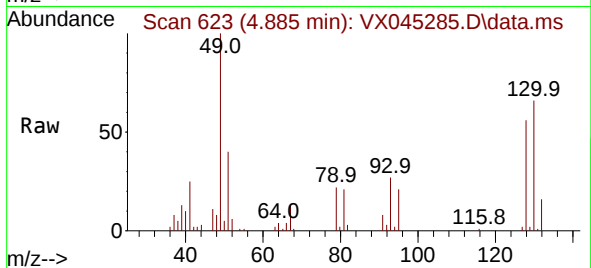
Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

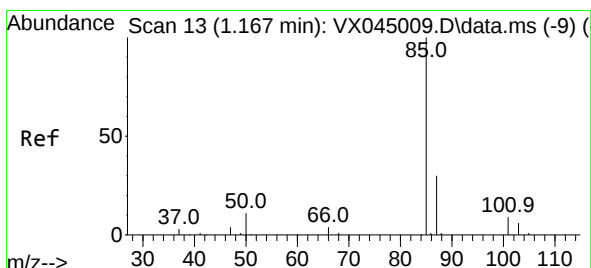
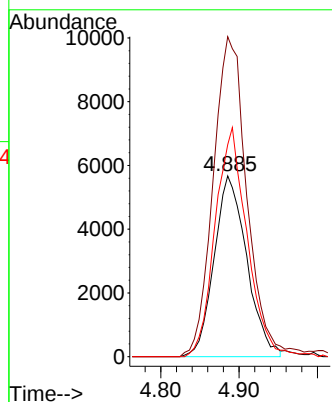
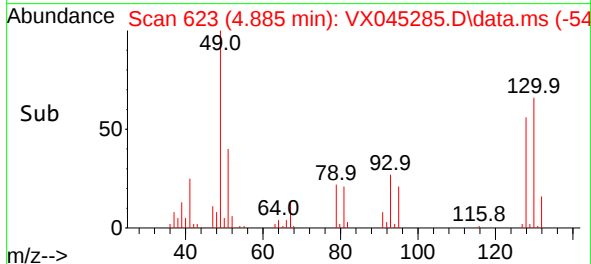
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 1640
Ion Ratio Lower Upper
128 100
49 181.8 0.0 449.7
130 124.4 0.0 312.7

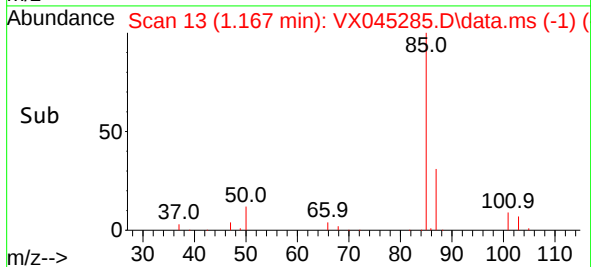
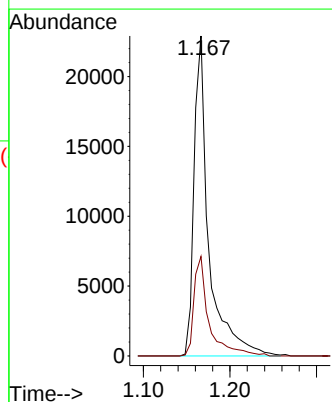
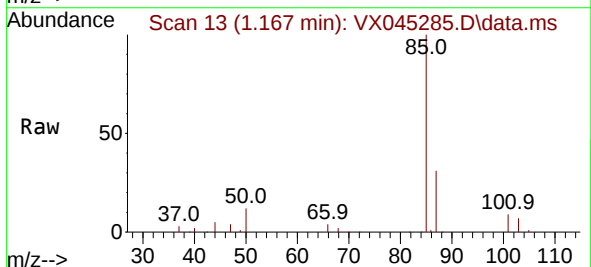
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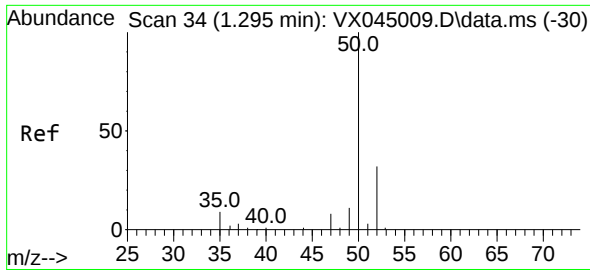
Reviewed By :John Carlone 03/18/2025
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#2
Dichlorodifluoromethane
Concen: 19.545 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 85 Resp: 27025
Ion Ratio Lower Upper
85 100
87 31.1 15.1 45.3





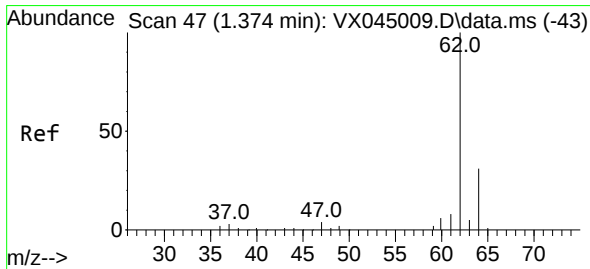
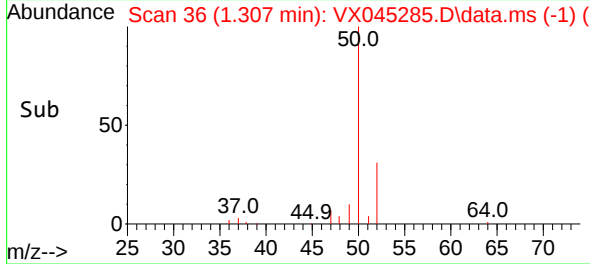
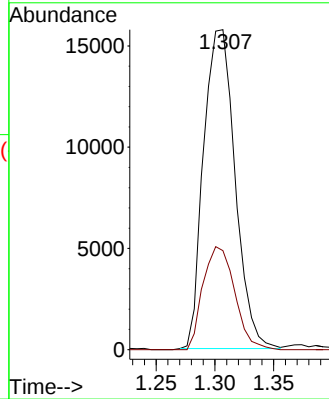
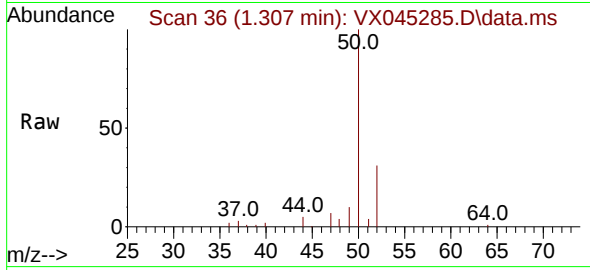
#3
Chloromethane
Concen: 17.771 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 29430
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

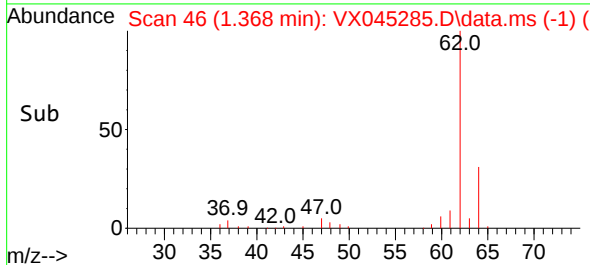
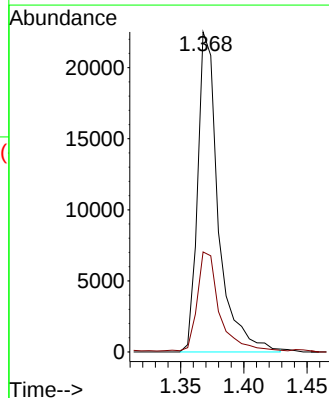
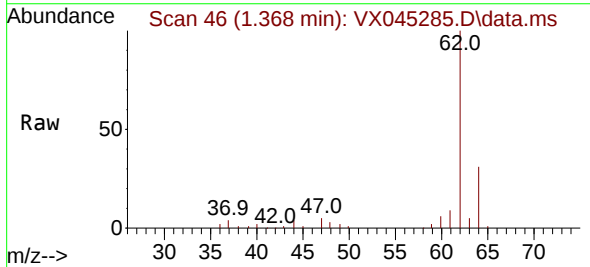
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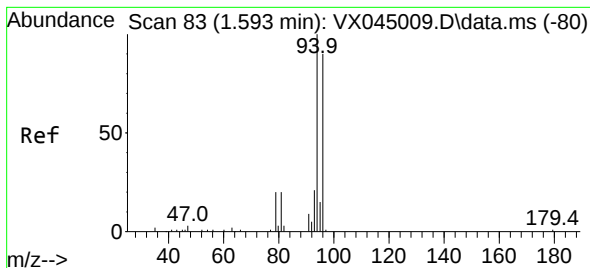
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#4
Vinyl Chloride
Concen: 16.107 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

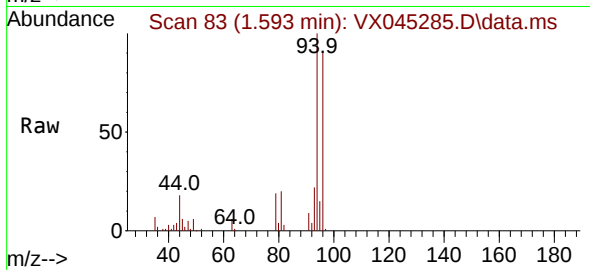
Tgt Ion: 62 Resp: 25739
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 21.048 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

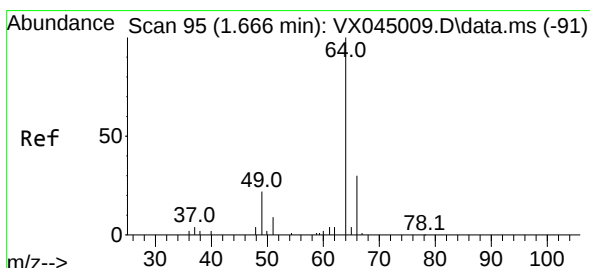
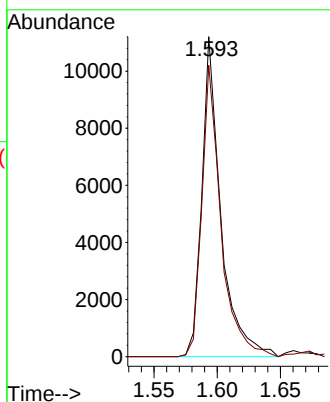
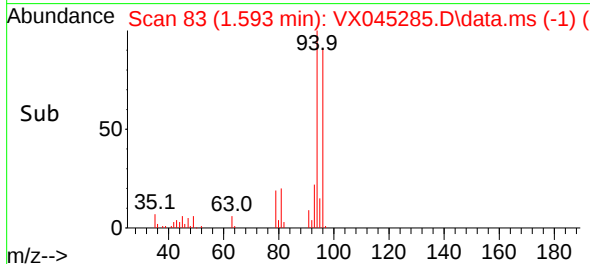
Instrument :
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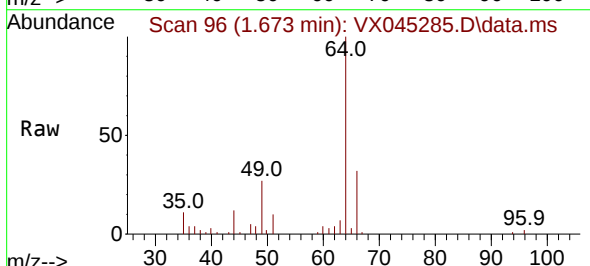
Tgt Ion: 94 Resp: 11708
Ion Ratio Lower Upper
94 100
96 91.0 72.2 108.4

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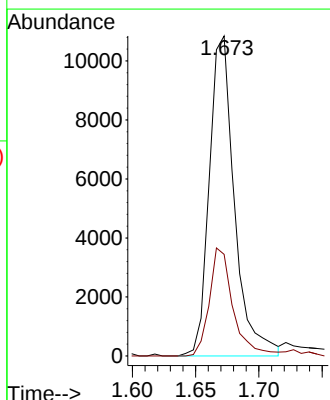
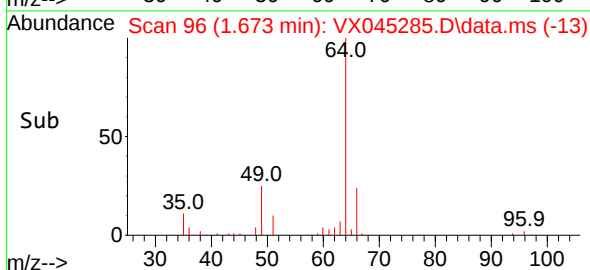
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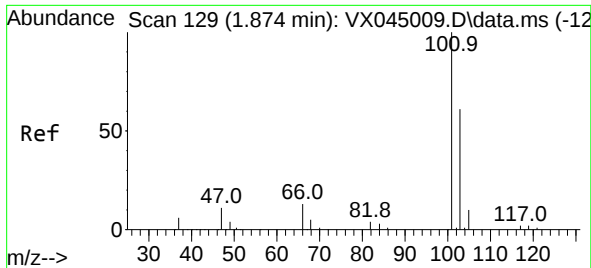


#6
Chloroethane
Concen: 17.343 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



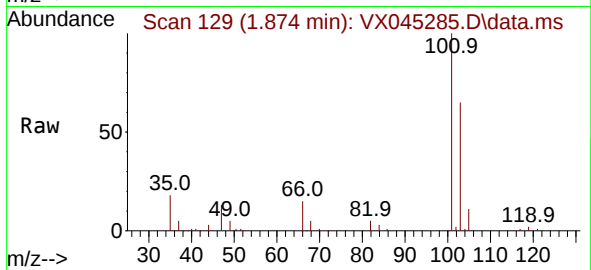
Tgt Ion: 64 Resp: 15010
Ion Ratio Lower Upper
64 100
66 31.8 23.7 35.5





#7
 Trichlorofluoromethane
 Concen: 17.994 ug/l
 RT: 1.874 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: VX045285.D
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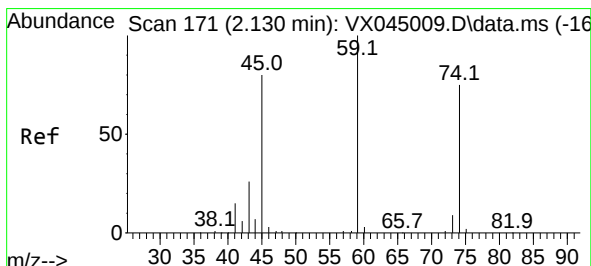
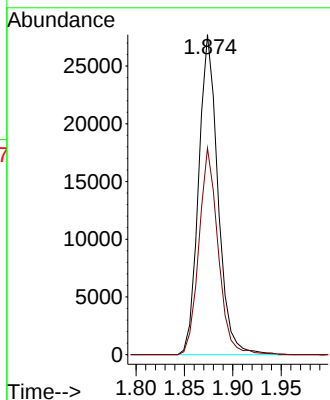
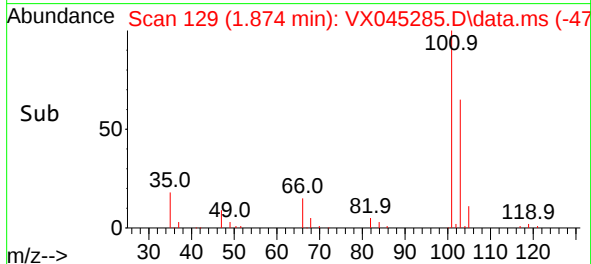
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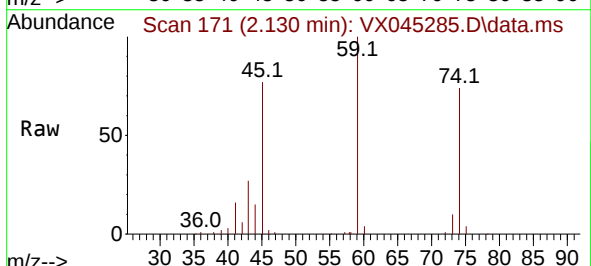
Tgt Ion:101 Resp: 38640
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.8 73.2

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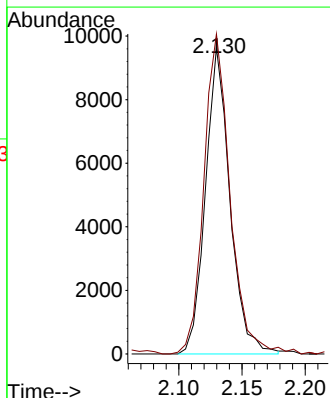
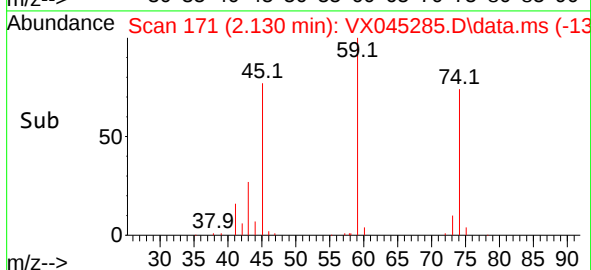
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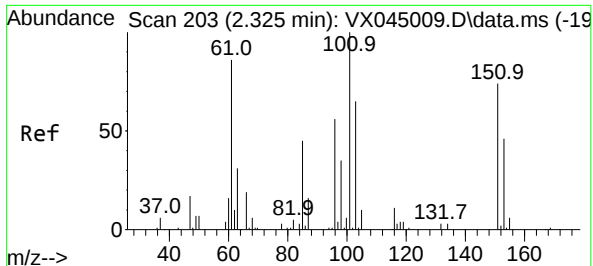


#8
 Diethyl Ether
 Concen: 15.986 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX045285.D
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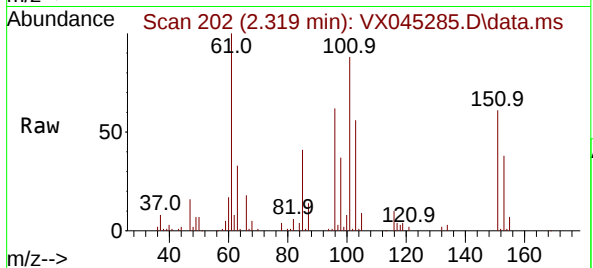
Tgt Ion: 74 Resp: 12991
 Ion Ratio Lower Upper
 74 100
 45 111.8 20.8 186.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.409 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045285.D
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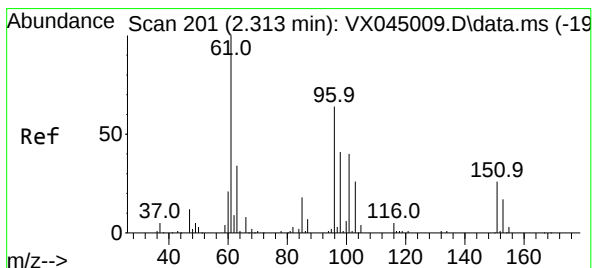
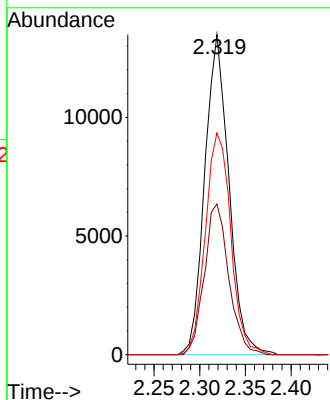
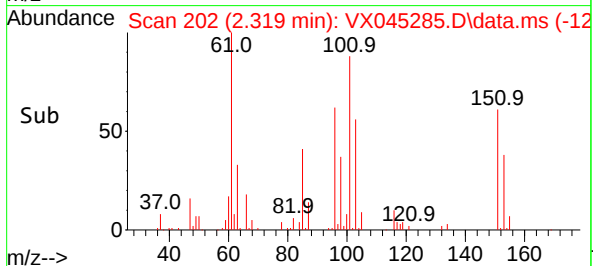
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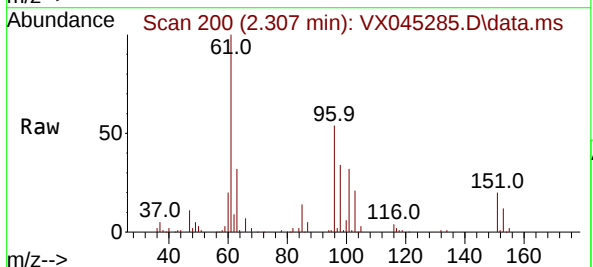
Tgt Ion:101 Resp: 2475
Ion Ratio Lower Upper
101 100
85 47.9 0.0 90.6
151 73.0 0.0 147.6

Manual Integrations
APPROVED

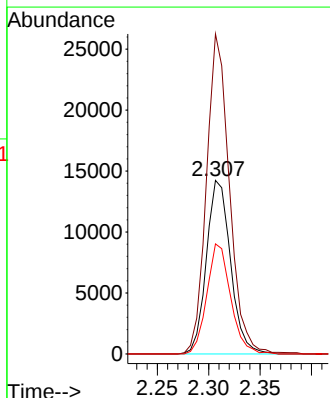
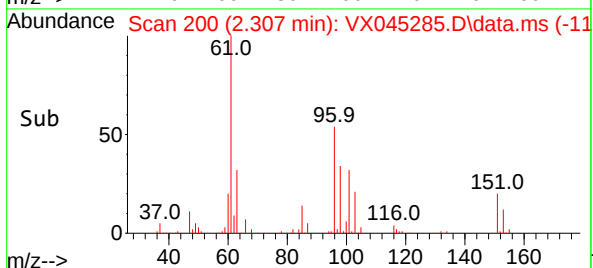
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

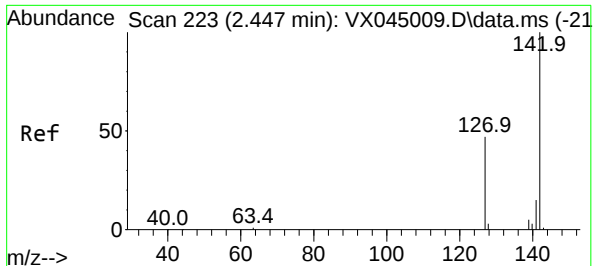


#10
1,1-Dichloroethene
Concen: 18.680 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



Tgt Ion: 96 Resp: 23275
Ion Ratio Lower Upper
96 100
61 184.4 124.2 186.2
98 63.4 51.1 76.7





#11

Methyl Iodide

Concen: 19.703 ug/l

RT: 2.441 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:142 Resp: 27780

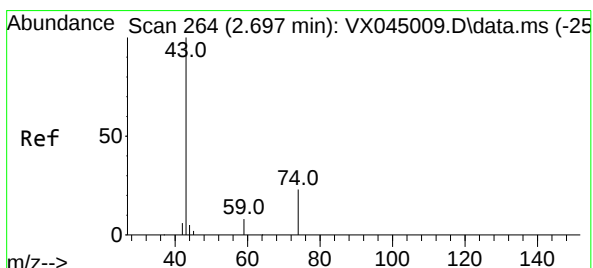
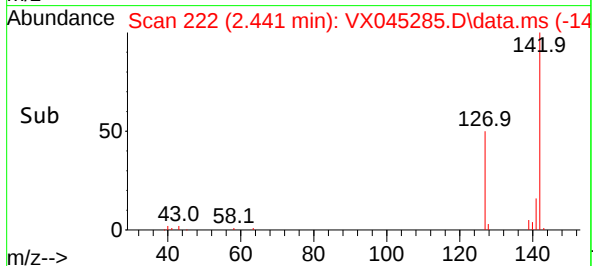
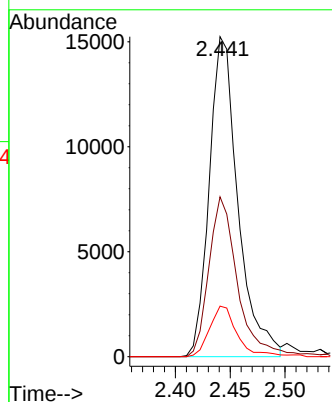
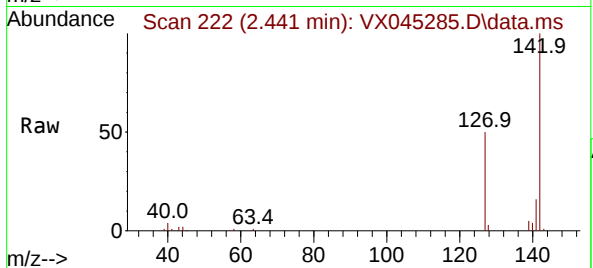
Ion	Ratio	Lower	Upper
142	100		
127	49.7	23.3	69.9
141	15.7	7.5	22.6

Manual Integrations

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Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#12

Methyl Acetate

Concen: 28.908 ug/l

RT: 2.703 min Scan# 265

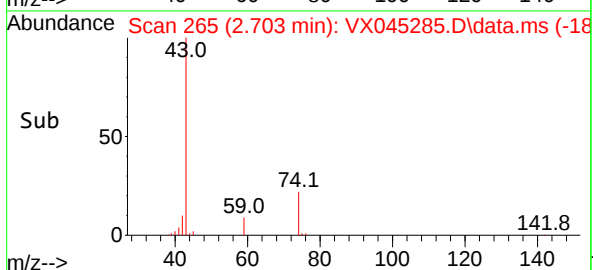
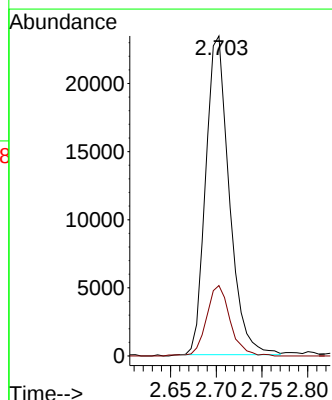
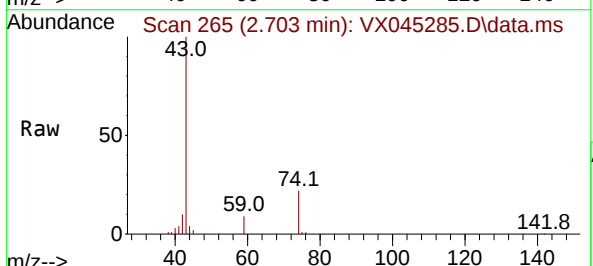
Delta R.T. 0.006 min

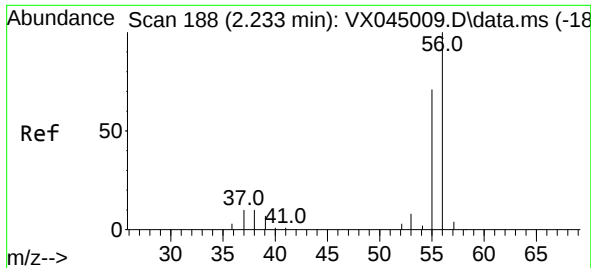
Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Tgt Ion: 43 Resp: 41826

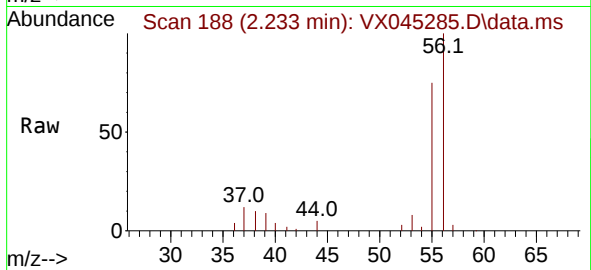
Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.9	26.9





#13
Acrolein
Concen: 78.465 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

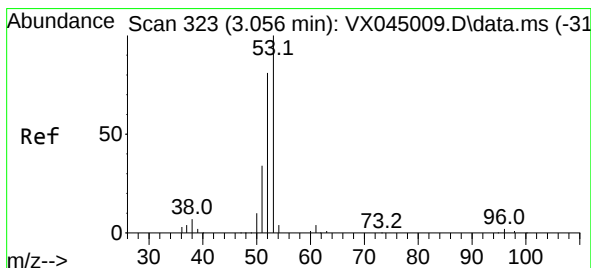
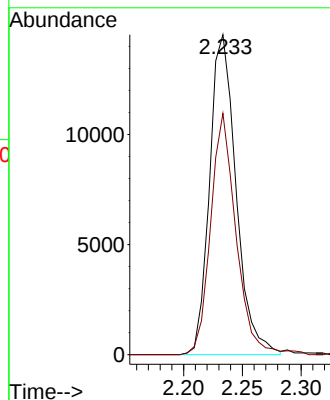
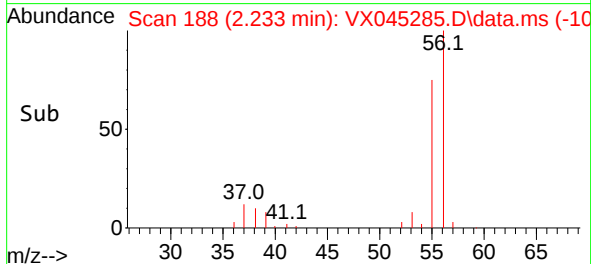
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



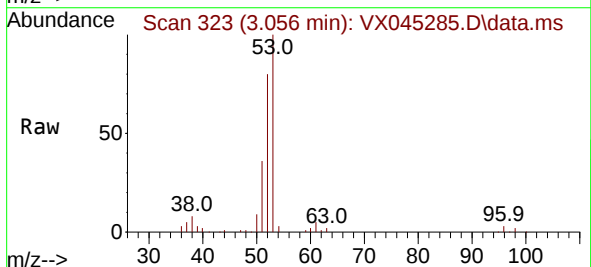
Tgt Ion: 56 Resp: 22750
Ion Ratio Lower Upper
56 100
55 71.7 55.4 83.2

Manual Integrations
APPROVED

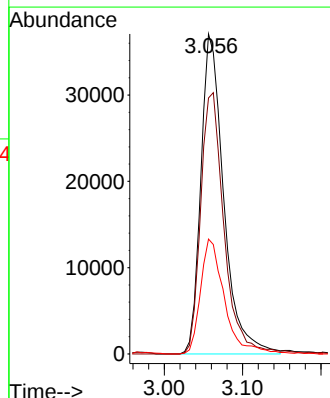
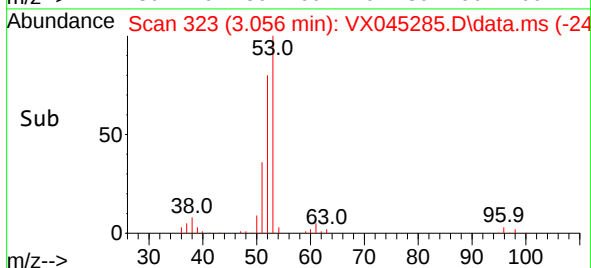
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

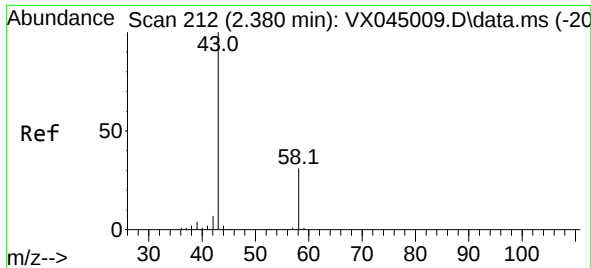


#14
Acrylonitrile
Concen: 106.663 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



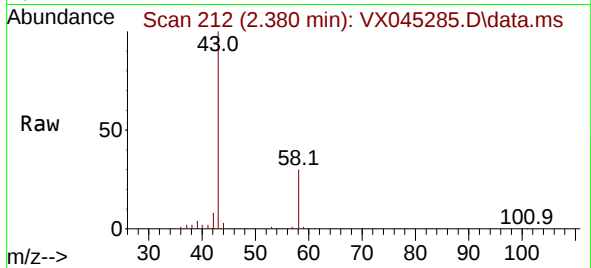
Tgt Ion: 53 Resp: 75382
Ion Ratio Lower Upper
53 100
52 83.4 40.9 122.8
51 35.6 18.0 54.0





#15
Acetone
Concen: 111.052 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

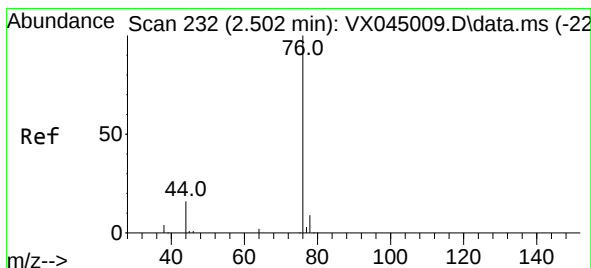
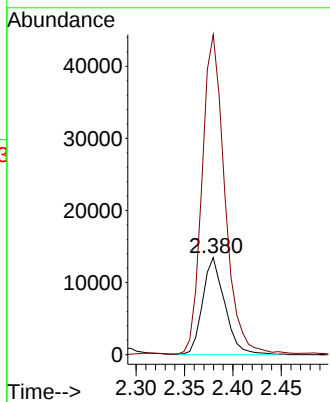
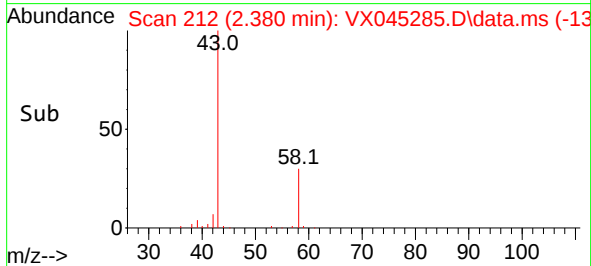
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



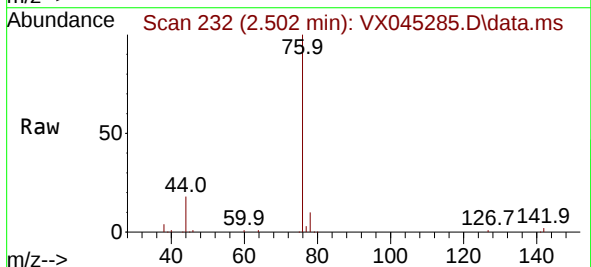
Tgt Ion: 58 Resp: 2152
Ion Ratio Lower Upper
58 100
43 330.2 258.6 388.0

Manual Integrations
APPROVED

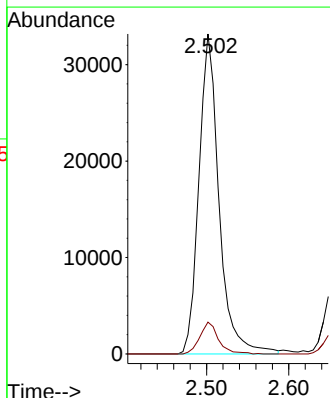
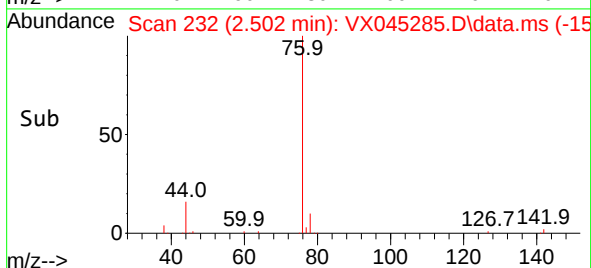
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

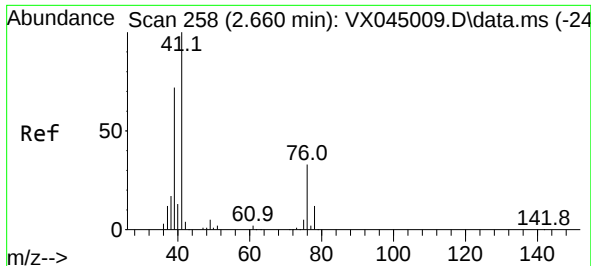


#16
Carbon Disulfide
Concen: 15.969 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



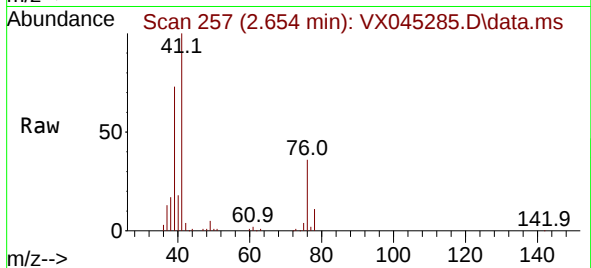
Tgt Ion: 76 Resp: 56436
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9





#17
 Allyl chloride
 Concen: 18.625 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX045285.D
 Acq: 14 Mar 2025 10:17

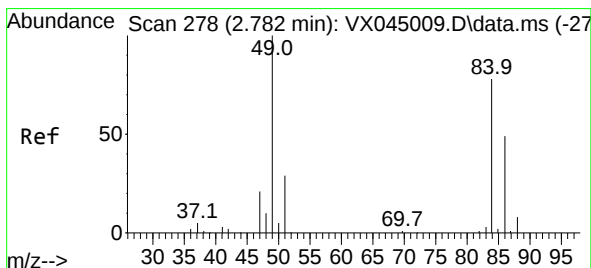
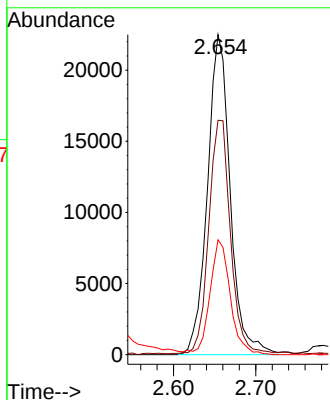
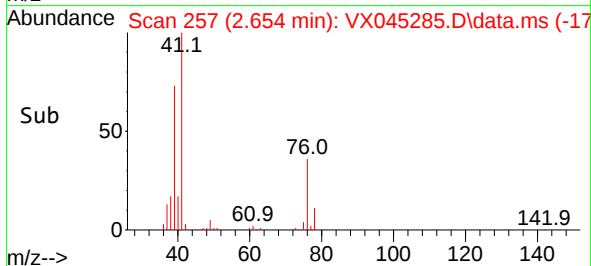
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 43404
 Ion Ratio Lower Upper
 41 100
 39 72.8 36.2 108.6
 76 35.9 17.2 51.5

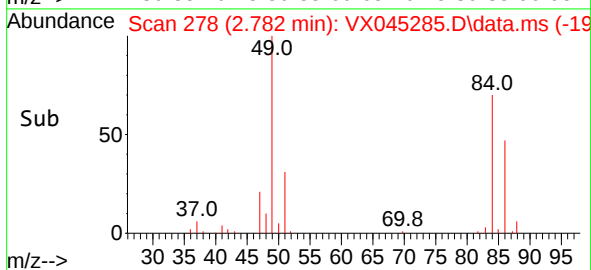
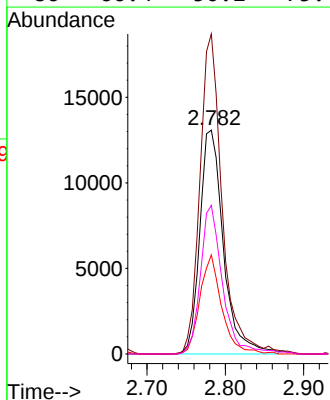
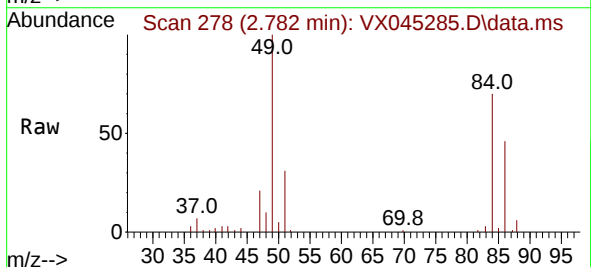
Manual Integrations
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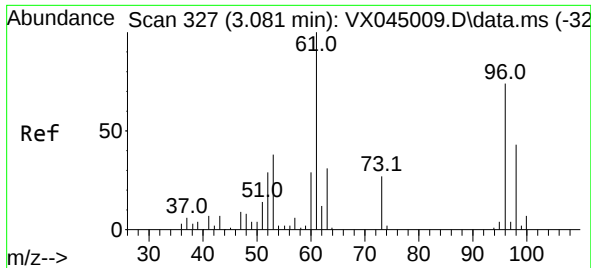
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#18
 Methylene Chloride
 Concen: 19.546 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX045285.D
 Acq: 14 Mar 2025 10:17

Tgt Ion: 84 Resp: 27392
 Ion Ratio Lower Upper
 84 100
 49 142.5 102.8 154.2
 51 44.2 30.1 45.1
 86 66.4 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

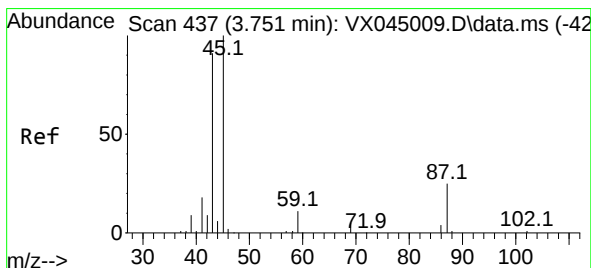
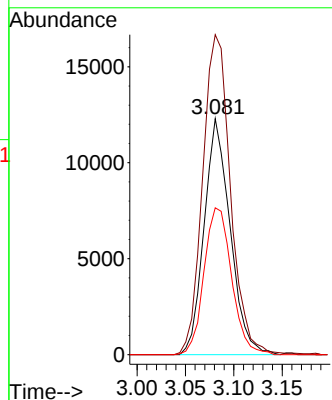
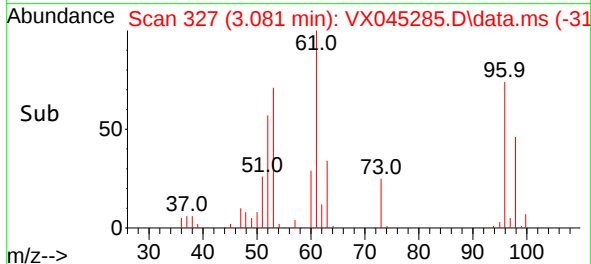
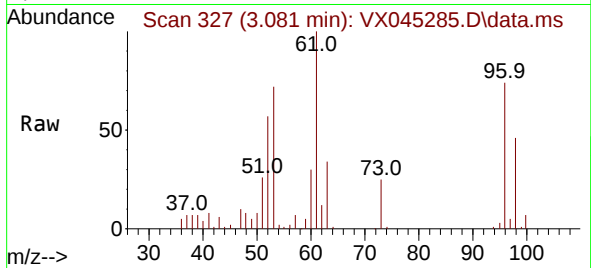
VSTDCCC020

Tgt Ion: 96 Resp: 2303
Ion Ratio Lower Upper
96 100
61 134.8 108.6 163.0
98 62.2 46.5 69.7

Manual Integrations

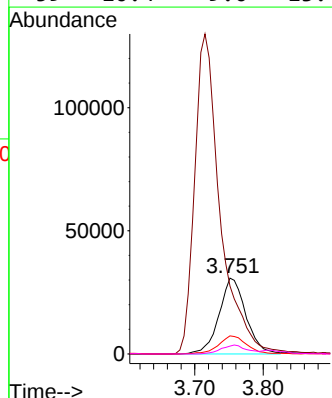
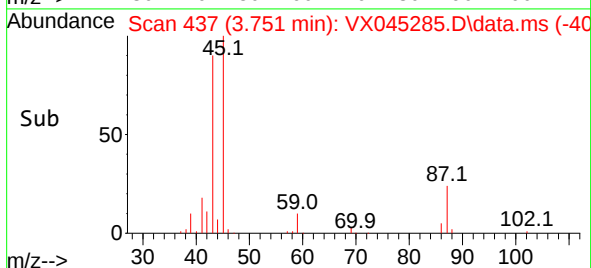
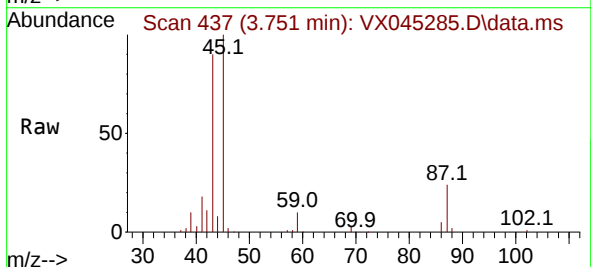
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Diisopropyl ether
Concen: 18.659 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 45 Resp: 83561
Ion Ratio Lower Upper
45 100
43 84.9 74.4 111.6
87 23.8 19.8 29.8
59 10.4 9.0 13.4





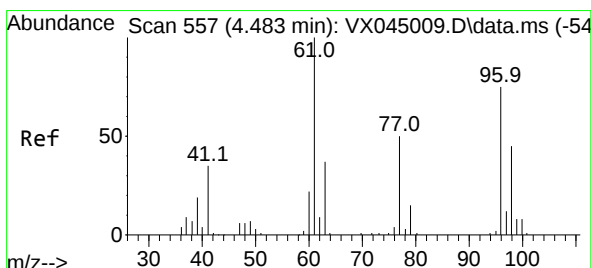
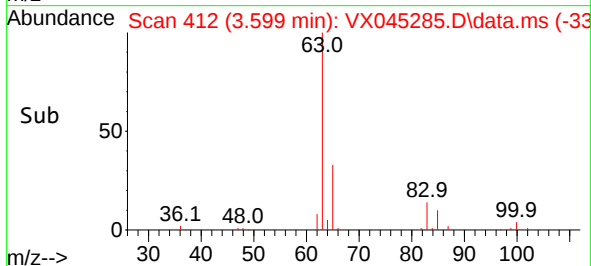
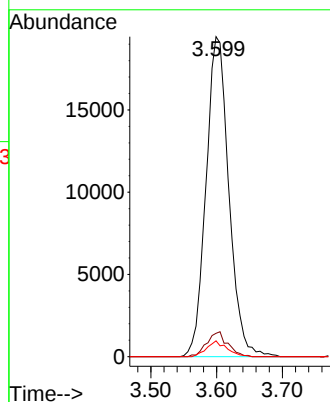
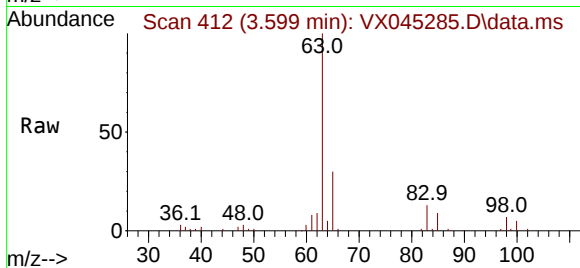
#21
1,1-Dichloroethane
Concen: 18.881 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 47024
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.8
100 5.0 2.4 7.1

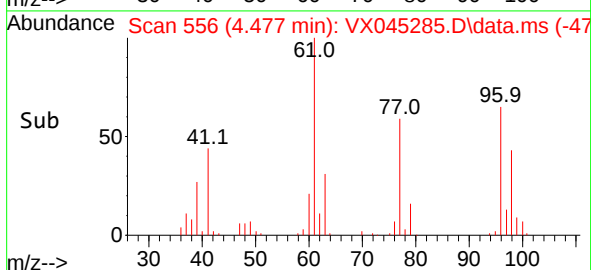
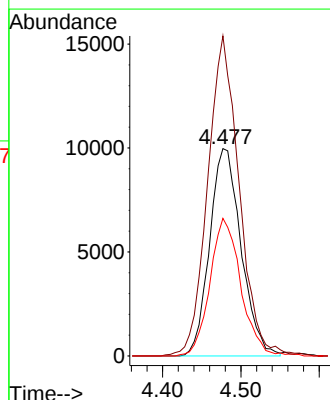
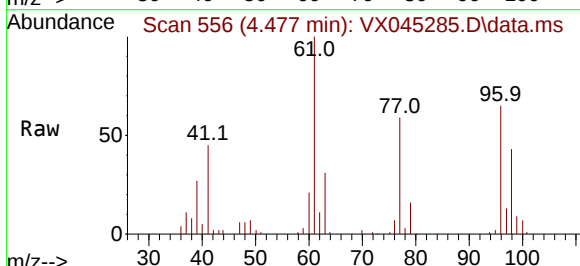
Manual Integrations
APPROVED

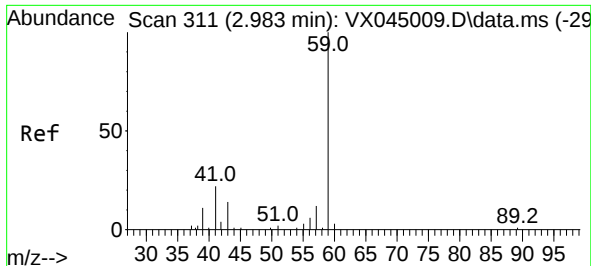
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
cis-1,2-Dichloroethene
Concen: 18.410 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 96 Resp: 27810
Ion Ratio Lower Upper
96 100
61 152.7 118.9 178.3
98 65.0 50.7 76.1





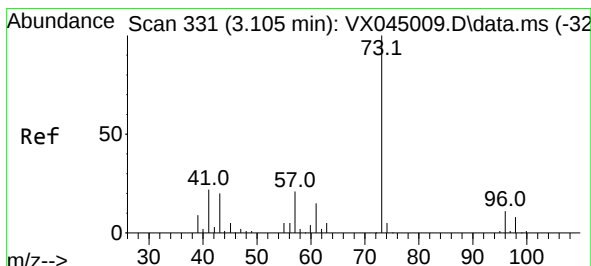
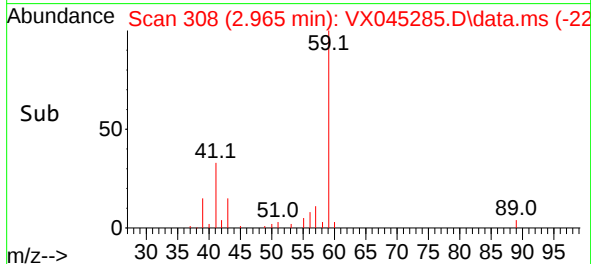
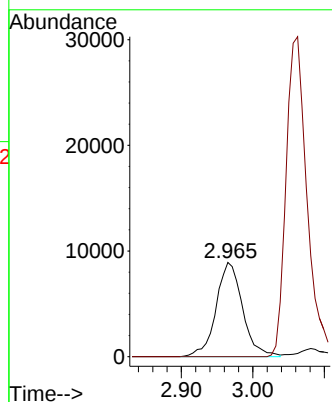
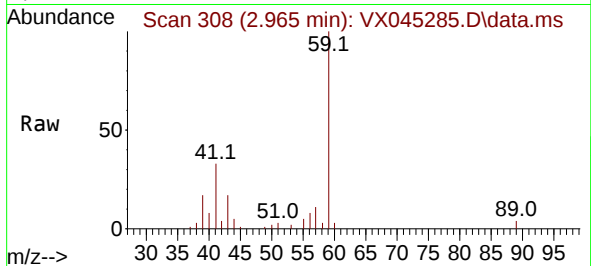
#23
tert-Butyl Alcohol
Concen: 93.108 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 22972
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

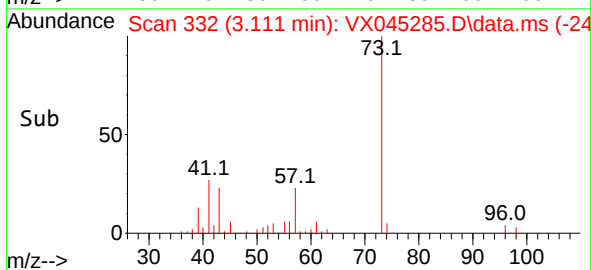
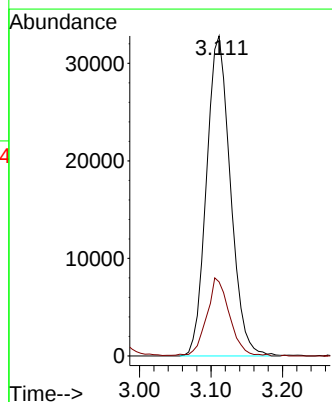
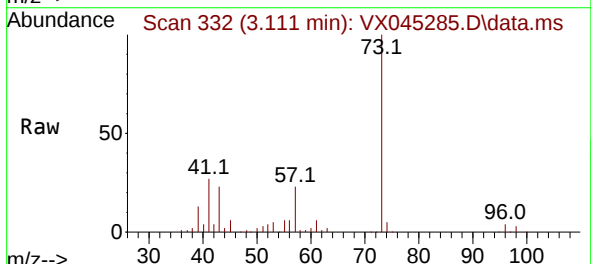
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#24
Methyl tert-Butyl Ether
Concen: 18.747 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 73 Resp: 76236
Ion Ratio Lower Upper
73 100
43 22.9 17.4 26.0





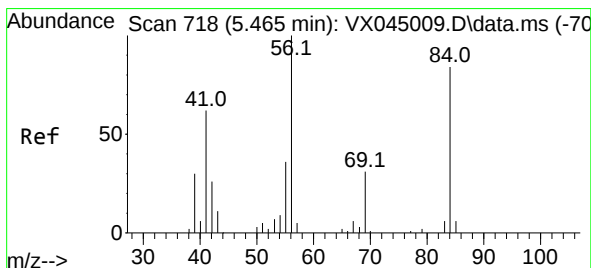
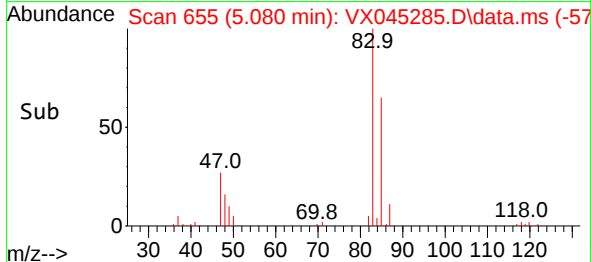
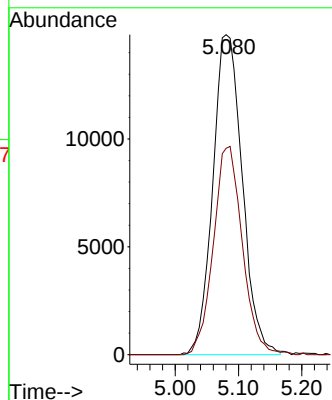
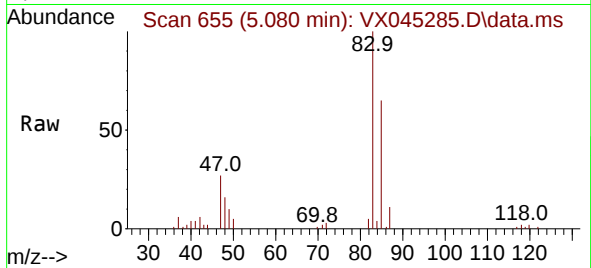
#25
Chloroform
Concen: 19.966 ug/l
RT: 5.080 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4803
Ion Ratio Lower Upper
83 100
85 64.5 51.7 77.5

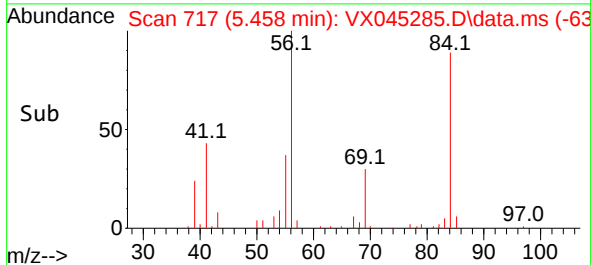
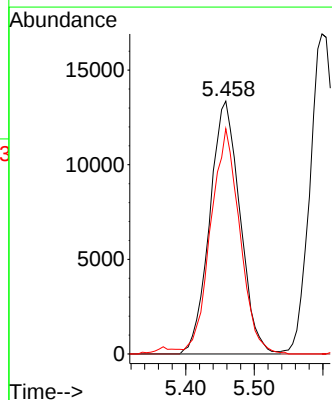
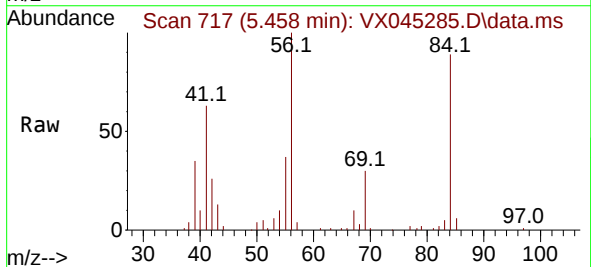
Manual Integrations
APPROVED

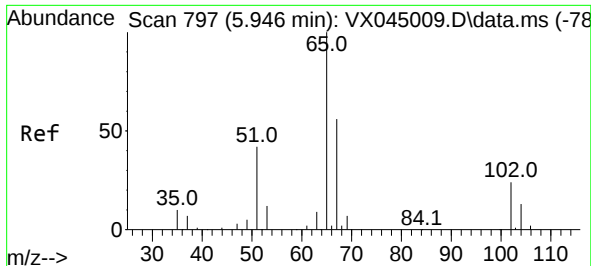
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
Cyclohexane
Concen: 17.826 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 56 Resp: 40980
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 32.419 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 51640

Ion Ratio Lower Upper

65 100

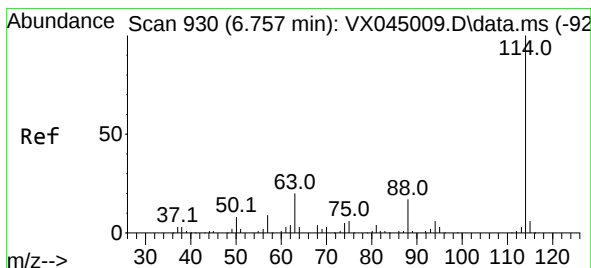
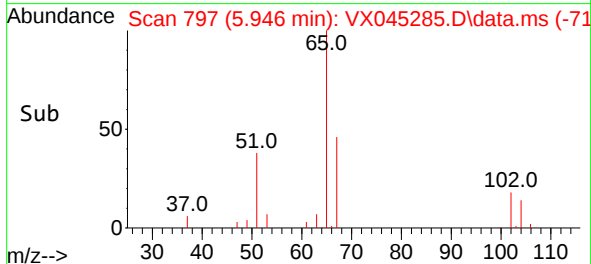
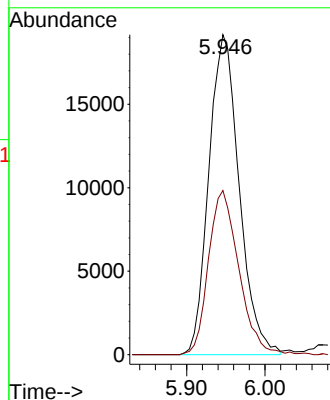
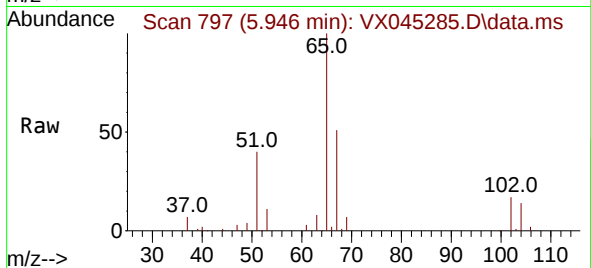
67 51.2 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

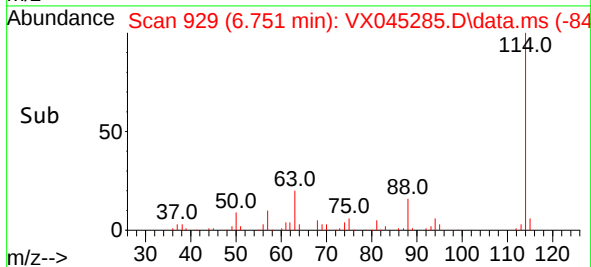
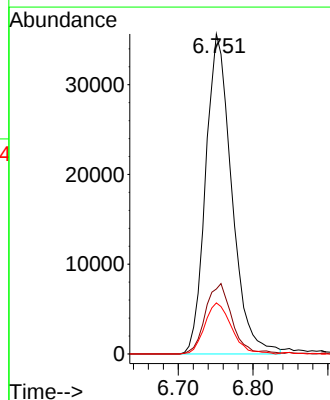
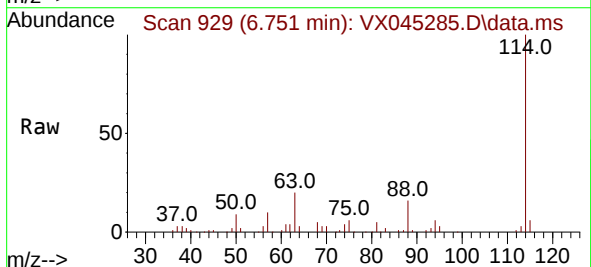
Tgt Ion:114 Resp: 86549

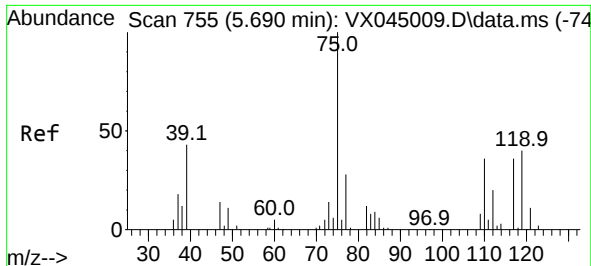
Ion Ratio Lower Upper

114 100

63 21.9 16.8 25.2

88 16.4 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.187 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

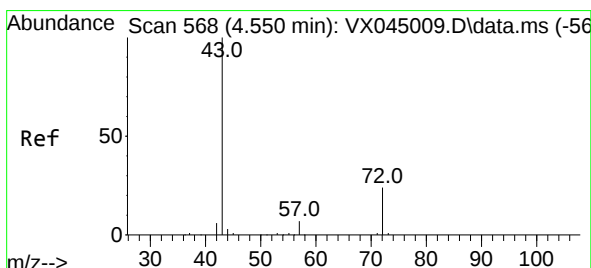
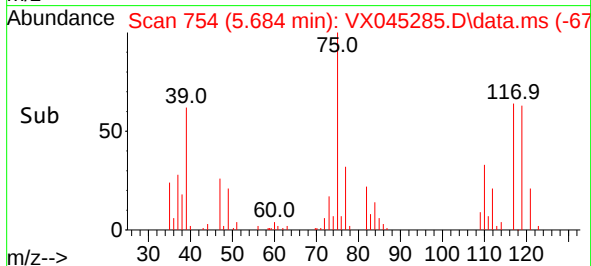
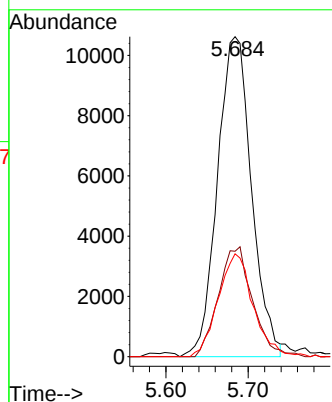
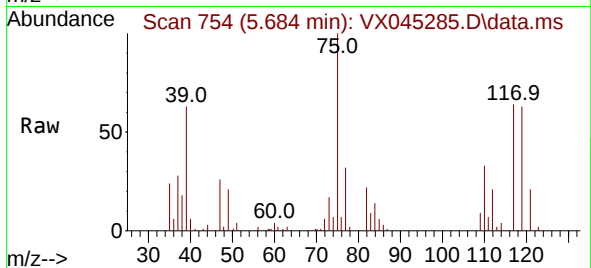
Tgt Ion:	75	Resp:	3054
Ion Ratio	Lower	Upper	
75	100		
110	34.3	0.0	69.2
77	32.9	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#30

2-Butanone

Concen: 117.046 ug/l

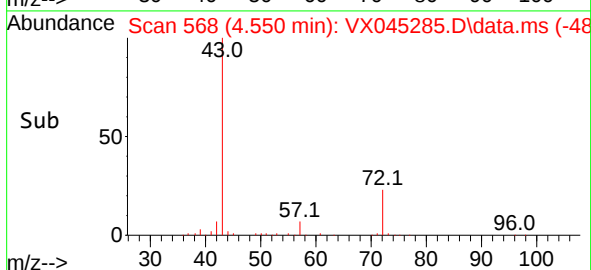
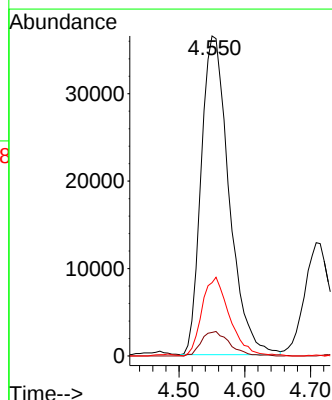
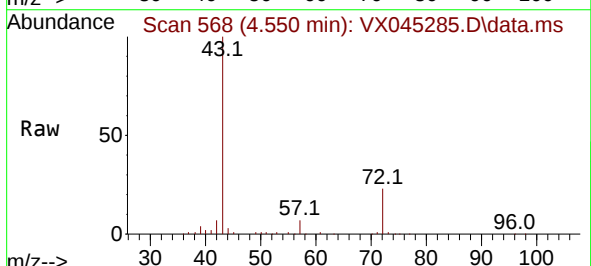
RT: 4.550 min Scan# 568

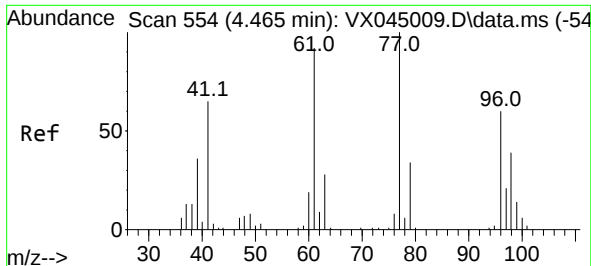
Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

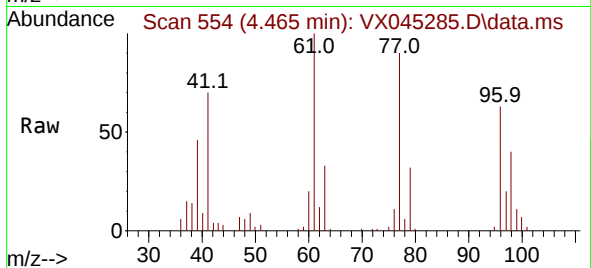
Tgt Ion:	43	Resp:	107633
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.2	9.2
72	24.5	20.2	30.2





#31
2,2-Dichloropropane
Concen: 17.719 ug/l
RT: 4.465 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

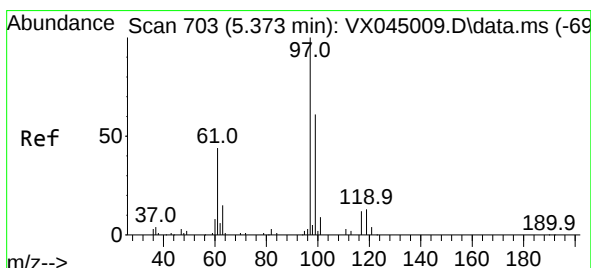
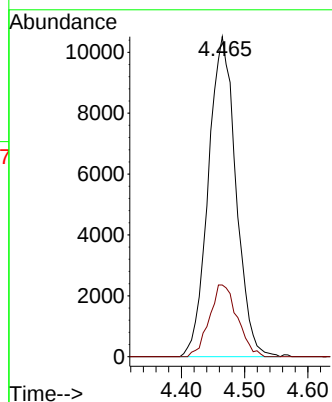
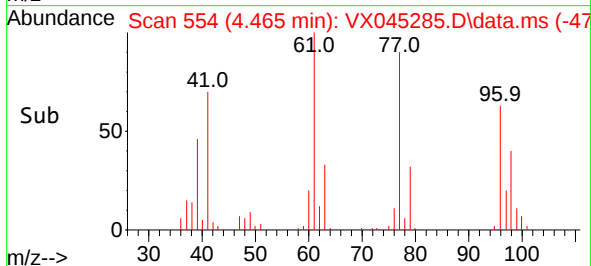
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



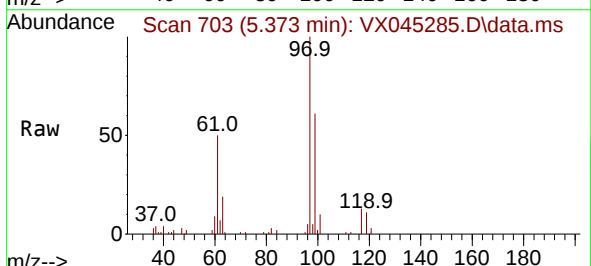
Tgt Ion: 77 Resp: 31898
Ion Ratio Lower Upper
77 100
97 22.7 18.0 27.0

Manual Integrations
APPROVED

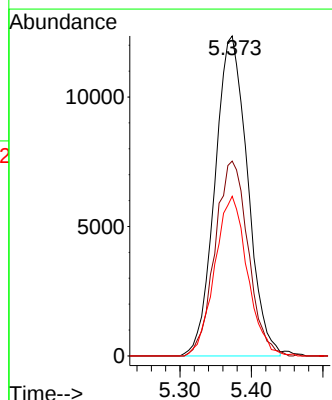
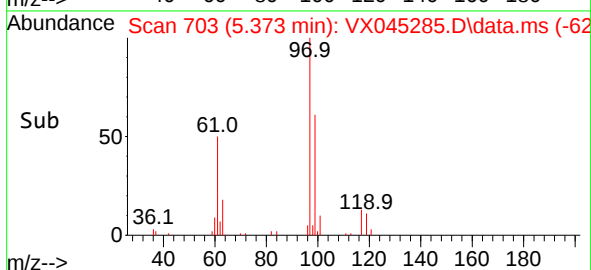
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

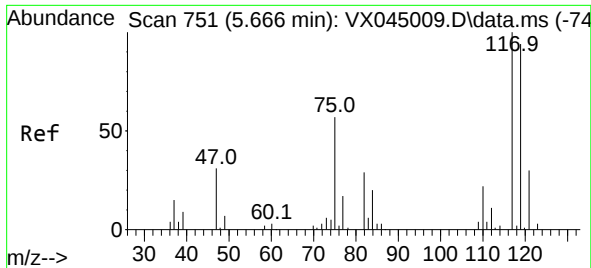


#32
1,1,1-Trichloroethane
Concen: 20.269 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



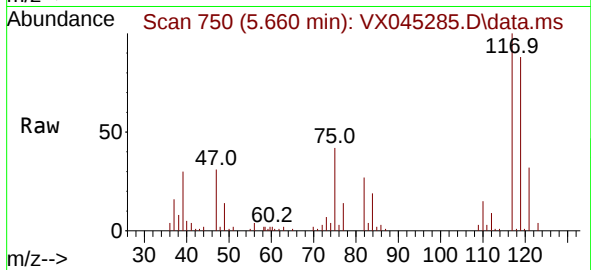
Tgt Ion: 97 Resp: 39099
Ion Ratio Lower Upper
97 100
99 62.1 52.2 78.2
61 50.1 38.5 57.7





#33
Carbon Tetrachloride
Concen: 20.334 ug/l
RT: 5.660 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

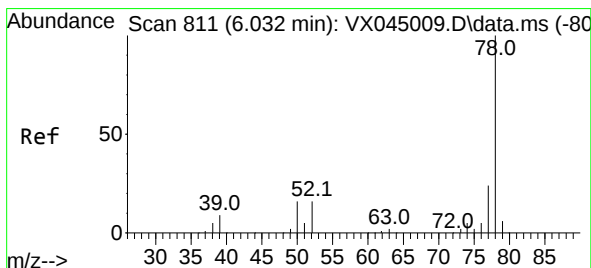
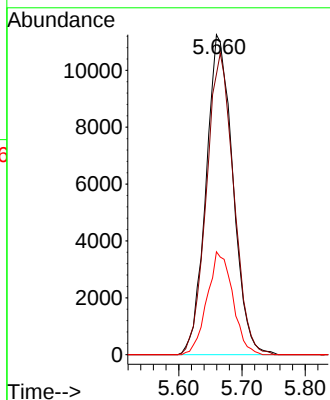
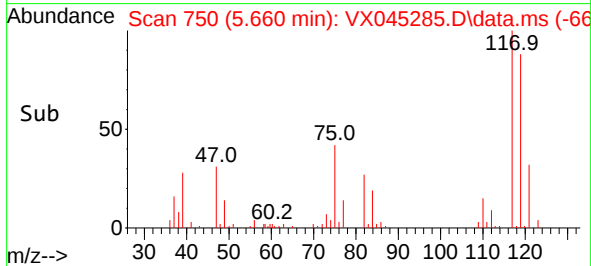
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 33104
Ion Ratio Lower Upper
117 100
119 87.6 75.1 112.7
121 32.2 23.9 35.9

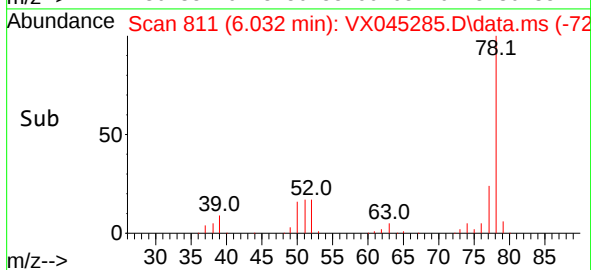
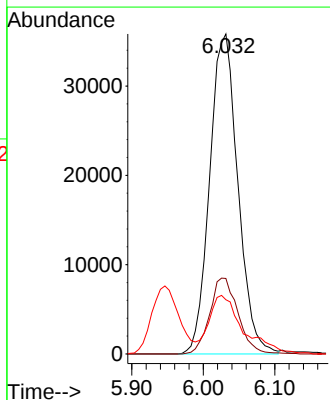
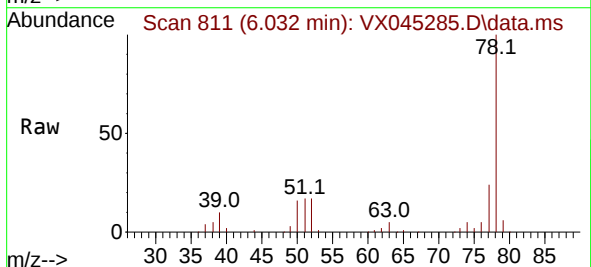
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#34
Benzene
Concen: 19.687 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

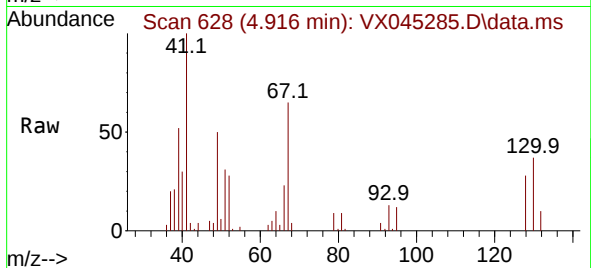
Tgt Ion: 78 Resp: 98293
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4
51 15.3 13.8 20.6





#35
Methacrylonitrile
Concen: 22.317 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

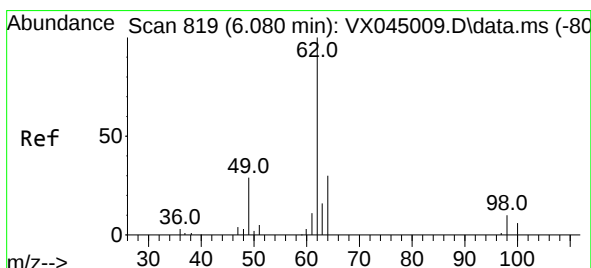
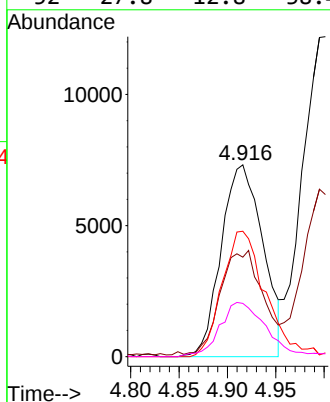
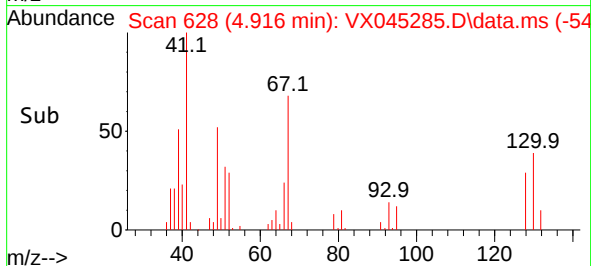
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41	Resp: 2196
Ion Ratio	Lower Upper
41 100	
39 49.3	27.8 83.4
67 65.4	31.5 94.5
52 27.8	12.8 38.4

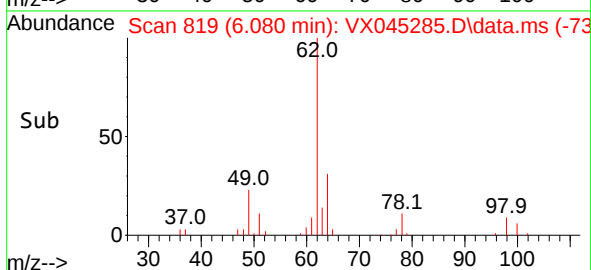
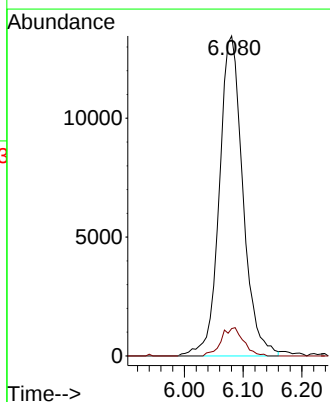
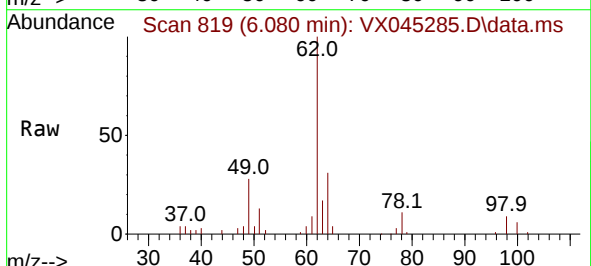
Manual Integrations
APPROVED

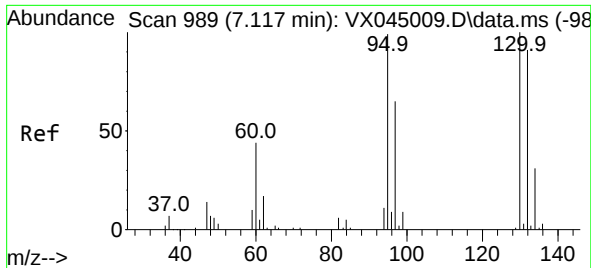
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#36
1,2-Dichloroethane
Concen: 21.942 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

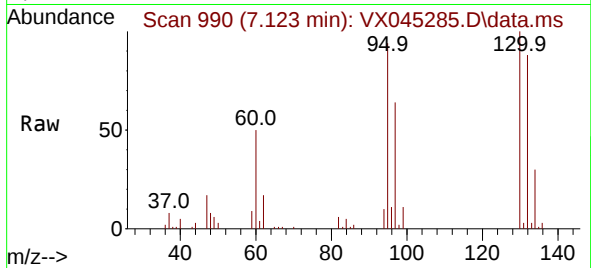
Tgt Ion: 62	Resp: 37507
Ion Ratio	Lower Upper
62 100	
98 4.6	7.9 11.9#





#37
Trichloroethene
Concen: 18.972 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

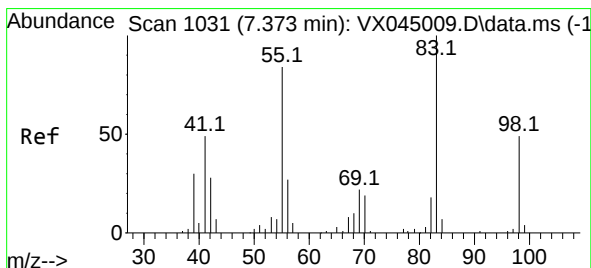
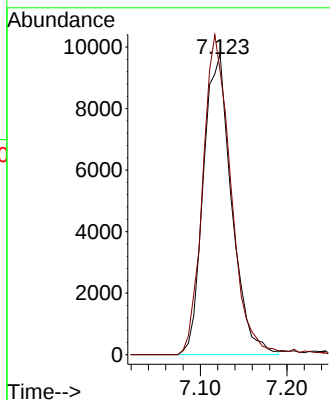
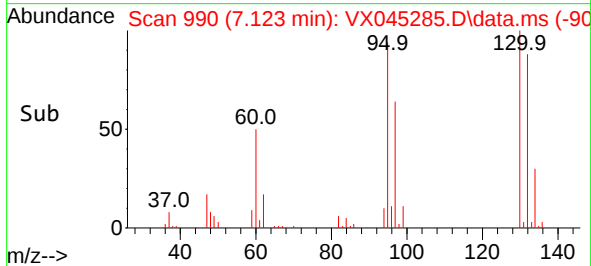
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 22160
Ion Ratio Lower Upper
130 100
95 94.3 79.0 118.4

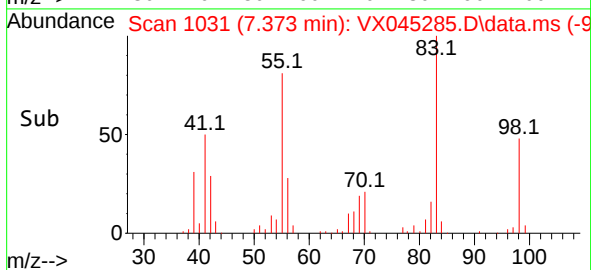
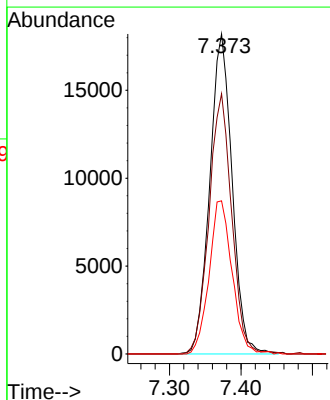
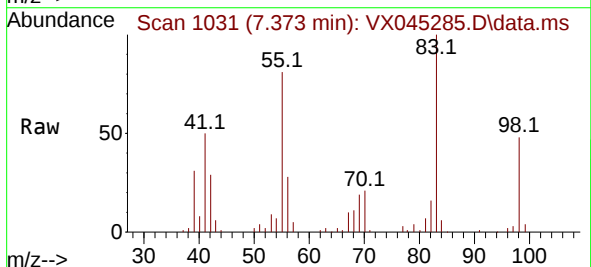
Manual Integrations
APPROVED

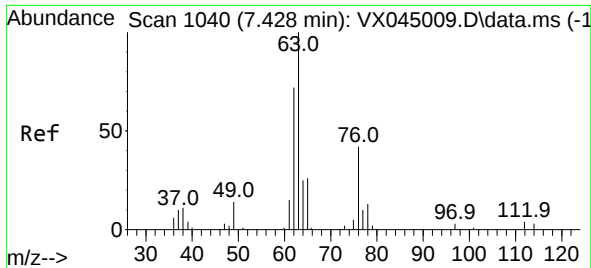
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#38
Methylcyclohexane
Concen: 18.496 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 83 Resp: 39538
Ion Ratio Lower Upper
83 100
55 82.1 40.6 122.0
98 48.8 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 25024

Ion Ratio Lower Upper

63 100

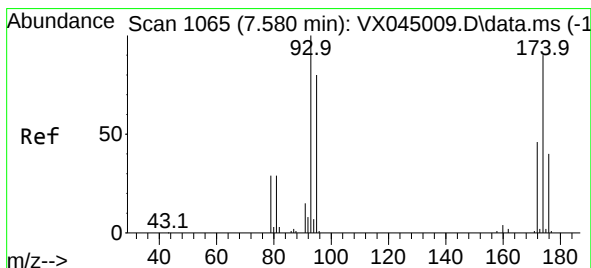
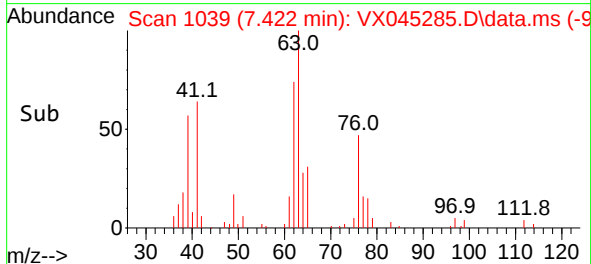
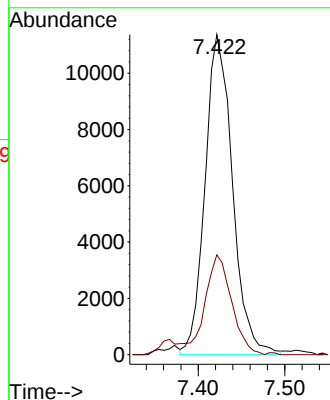
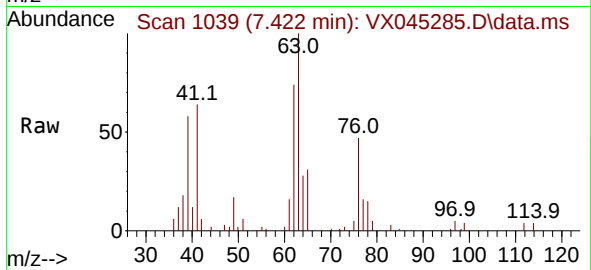
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Dibromomethane

Concen: 20.639 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

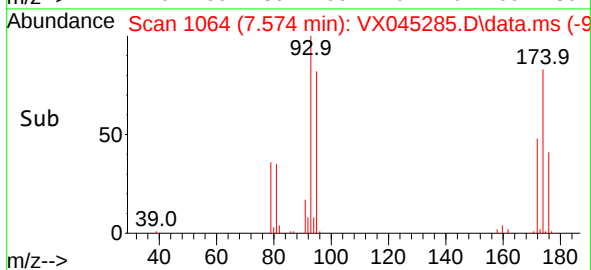
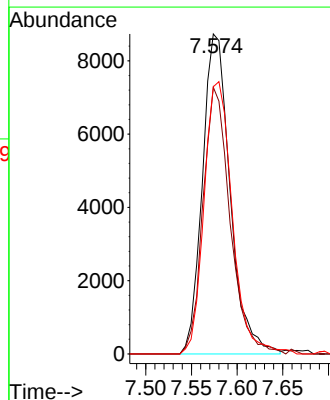
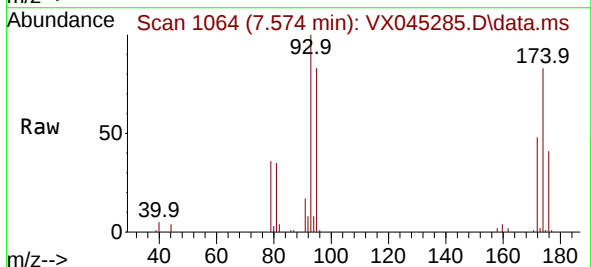
Tgt Ion: 93 Resp: 18384

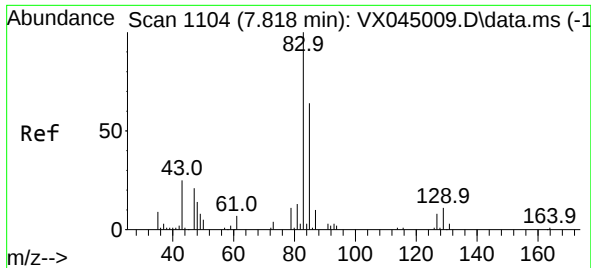
Ion Ratio Lower Upper

93 100

95 81.4 0.0 162.6

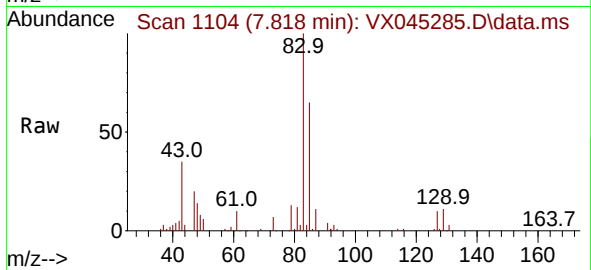
174 86.3 0.0 178.8





#41
Bromodichloromethane
Concen: 20.089 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

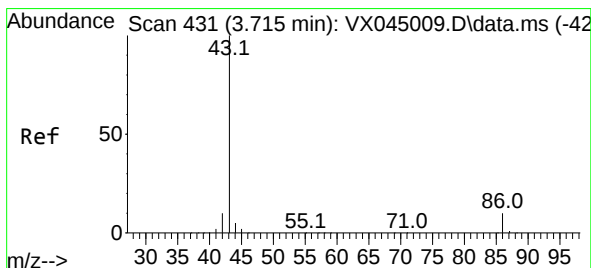
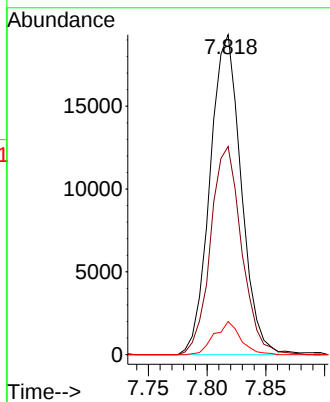
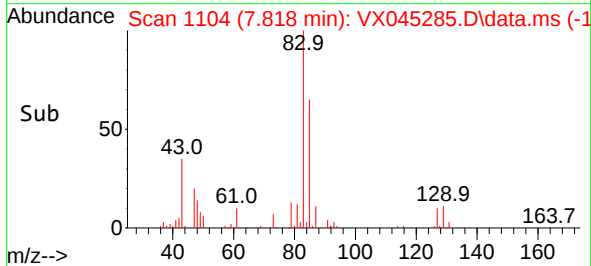
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 35564
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.6
127 11.0 6.1 9.1

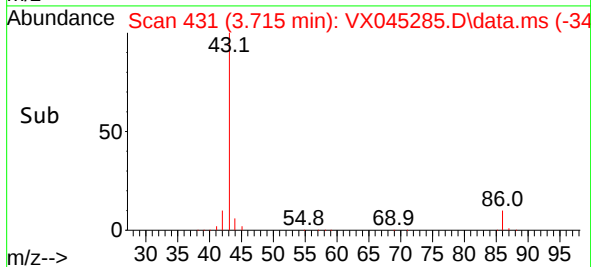
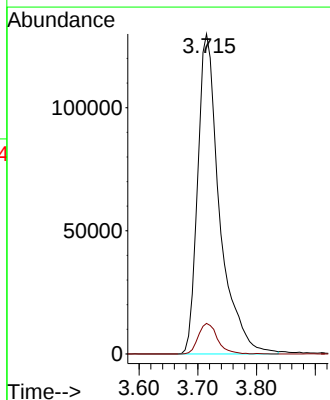
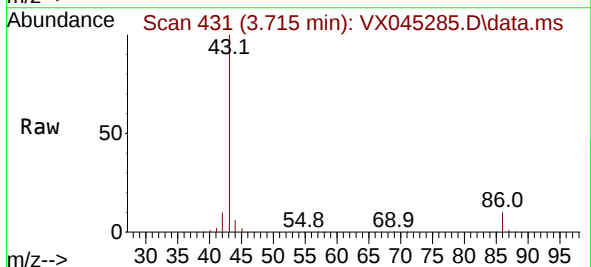
Manual Integrations
APPROVED

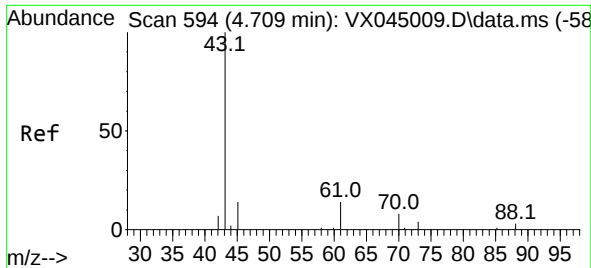
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
Vinyl Acetate
Concen: 94.389 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 43 Resp: 336824
Ion Ratio Lower Upper
43 100
86 8.4 7.0 10.4





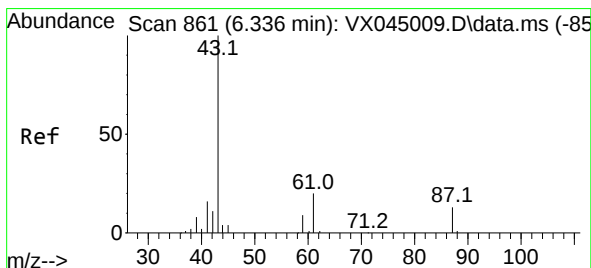
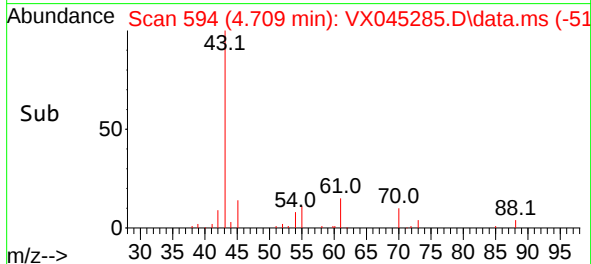
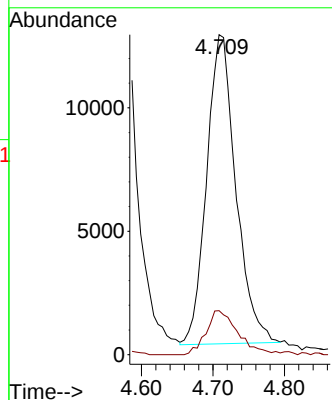
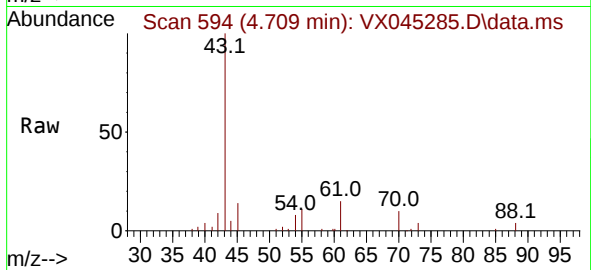
#43
Ethyl Acetate
Concen: 20.606 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 35530
Ion Ratio Lower Upper
43 100
45 15.4 12.7 19.1

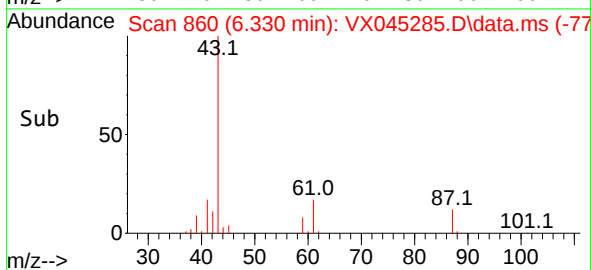
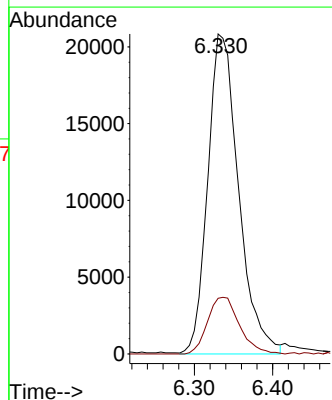
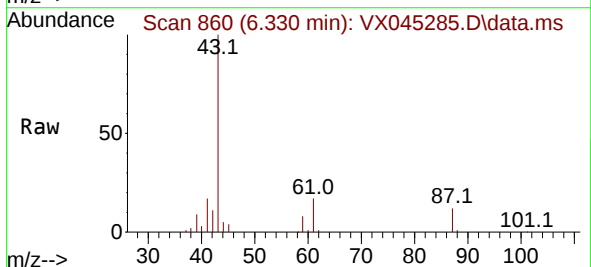
Manual Integrations
APPROVED

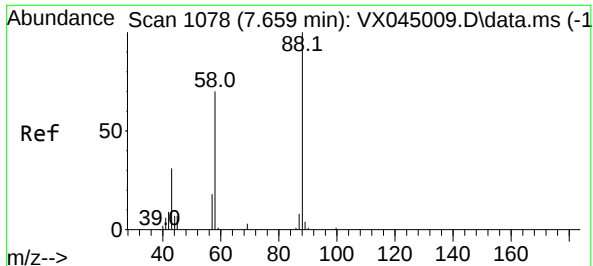
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Isopropyl Acetate
Concen: 20.091 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 43 Resp: 57025
Ion Ratio Lower Upper
43 100
61 18.3 15.5 23.3





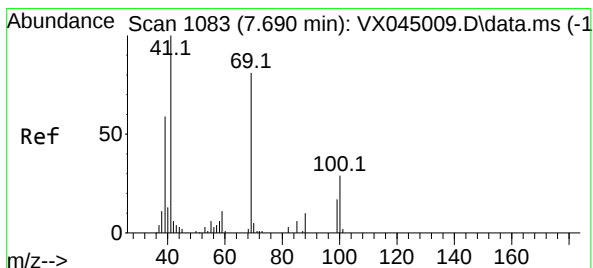
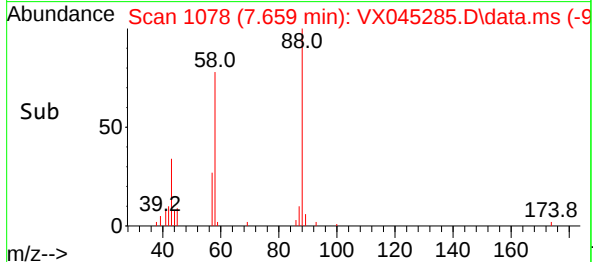
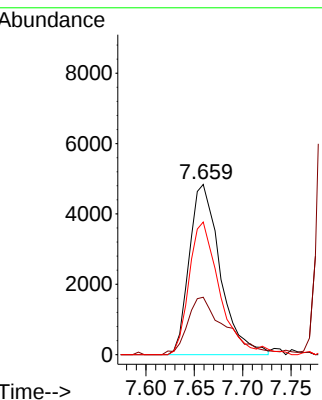
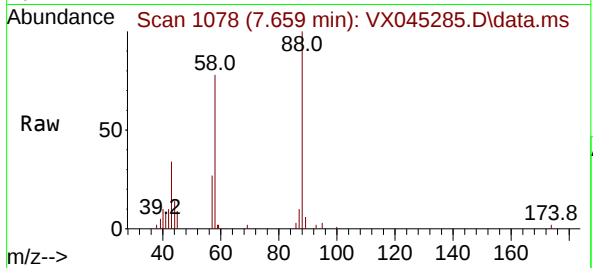
#45
1,4-Dioxane
Concen: 364.913 ug/l
RT: 7.659 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 1076
Ion Ratio Lower Upper
88 100
43 41.3 29.6 44.4
58 75.4 56.2 84.4

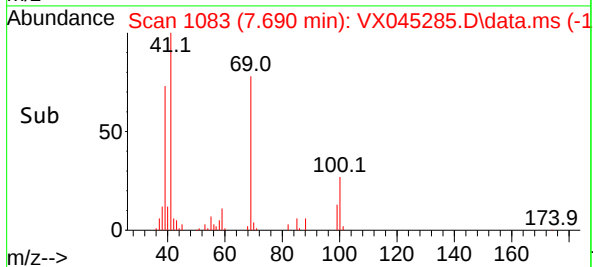
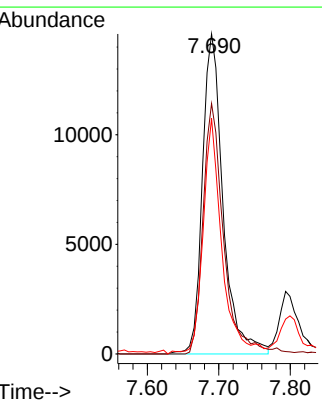
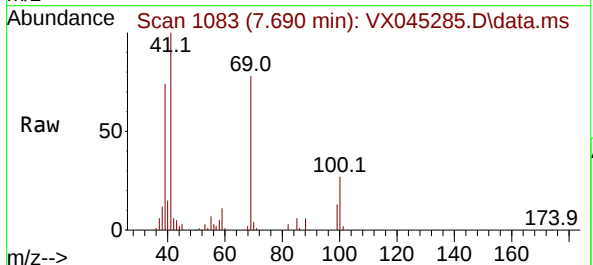
Manual Integrations
APPROVED

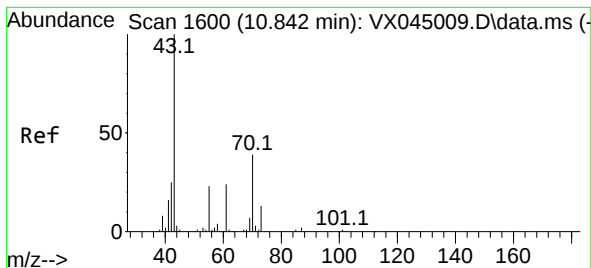
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#46
Methyl methacrylate
Concen: 21.040 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 41 Resp: 29283
Ion Ratio Lower Upper
41 100
69 78.2 40.7 122.1
39 73.6 29.5 88.5





#47

n-amy1 Acetate

Concen: 19.340 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 47634

Ion Ratio Lower Upper

43 100

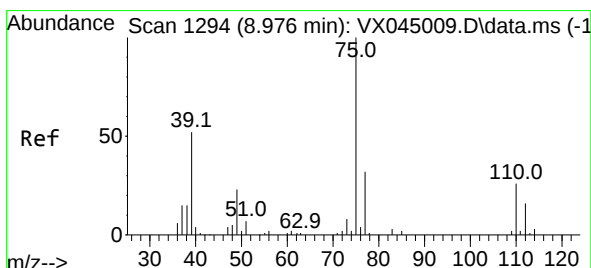
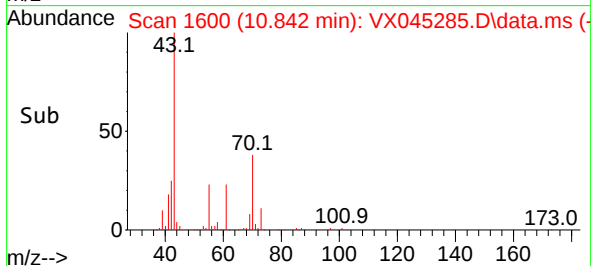
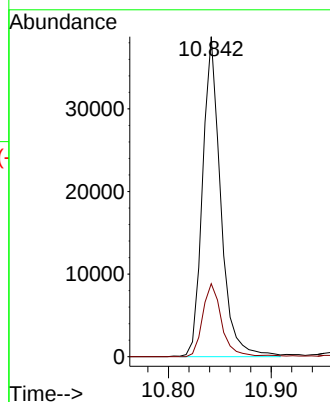
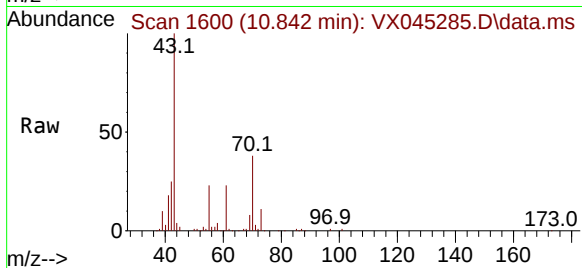
55 23.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#48

t-1,3-Dichloropropene

Concen: 18.110 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX045285.D

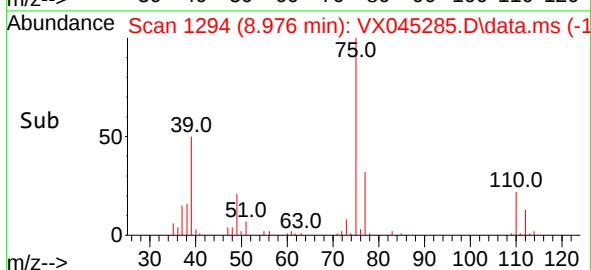
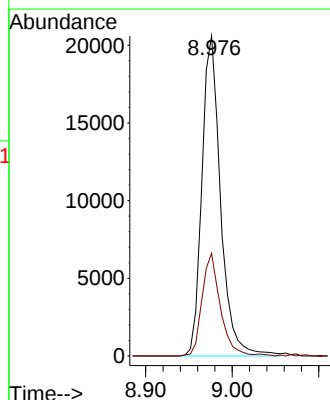
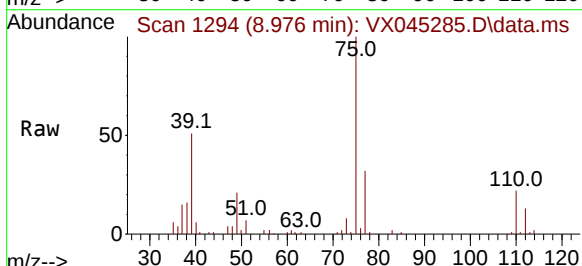
Acq: 14 Mar 2025 10:17

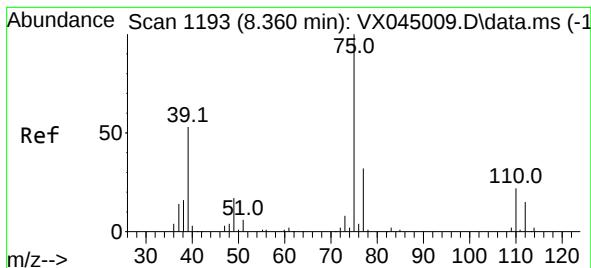
Tgt Ion: 75 Resp: 30902

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 18.650 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045285.D

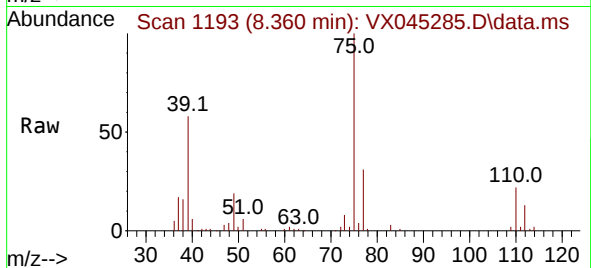
Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 36020

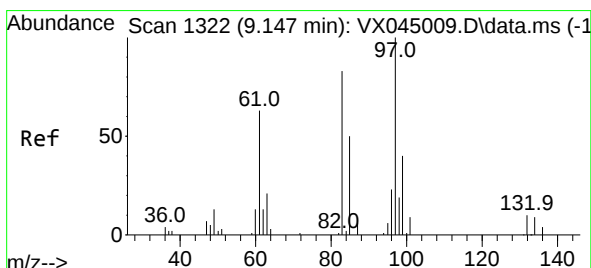
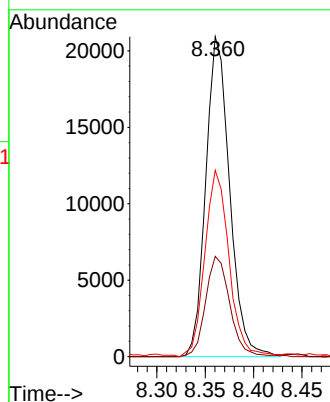
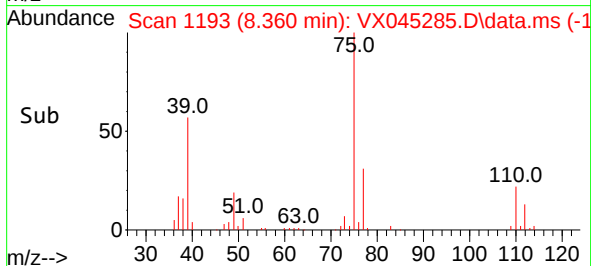
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	58.3	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#50

1,1,2-Trichloroethane

Concen: 20.674 ug/l

RT: 9.147 min Scan# 1322

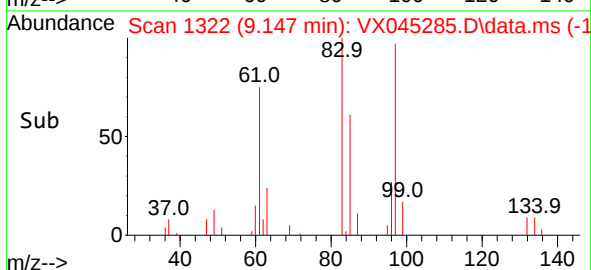
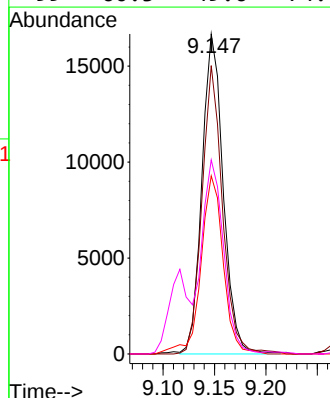
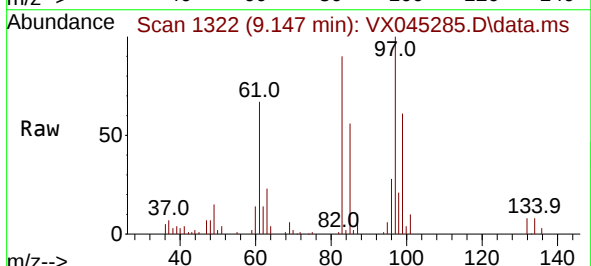
Delta R.T. 0.000 min

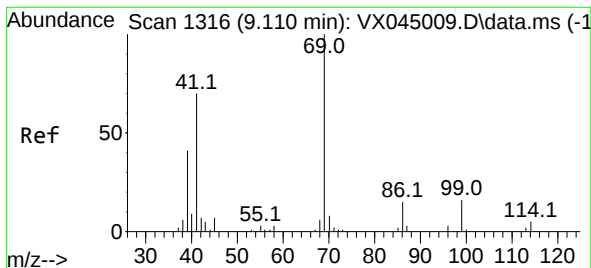
Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Tgt Ion: 97 Resp: 24020

Ion	Ratio	Lower	Upper
97	100		
83	90.2	66.0	99.0
85	55.9	42.5	63.7
99	60.3	49.6	74.4





#51

Ethyl methacrylate

Concen: 19.522 ug/l

RT: 9.116 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 69 Resp: 3567

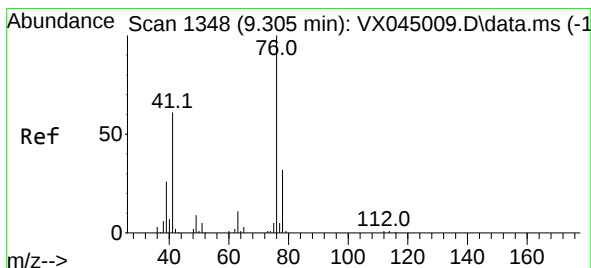
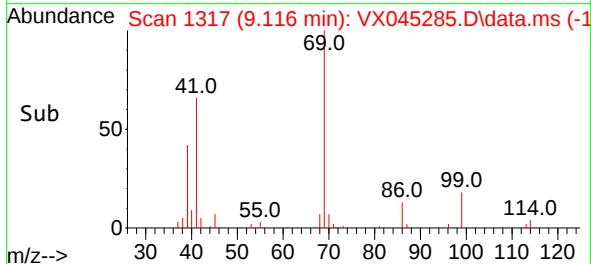
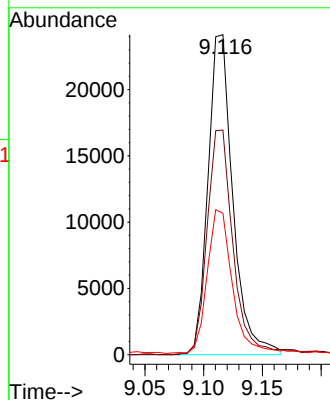
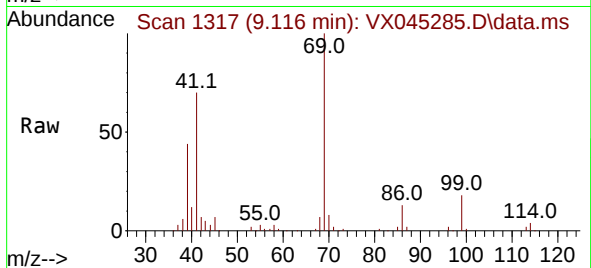
Ion	Ratio	Lower	Upper
69	100		
41	69.8	35.1	105.3
39	43.6	20.5	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#52

1,3-Dichloropropane

Concen: 20.648 ug/l

RT: 9.305 min Scan# 1348

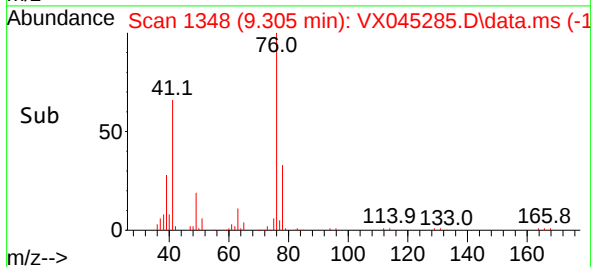
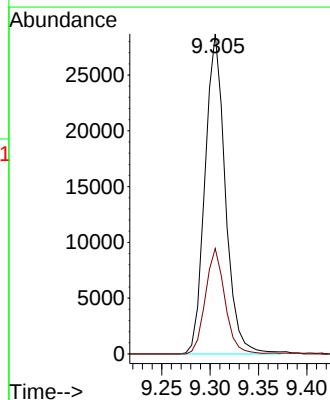
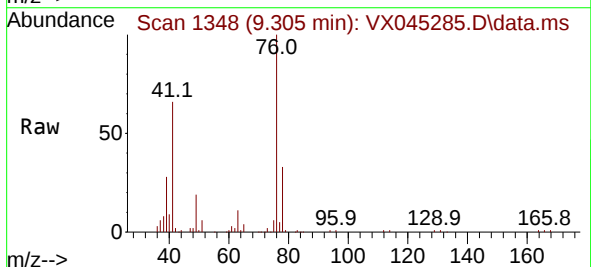
Delta R.T. 0.000 min

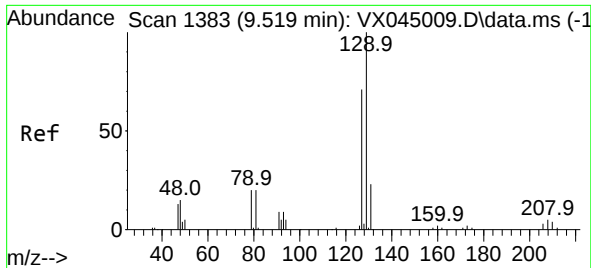
Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Tgt Ion: 76 Resp: 42035

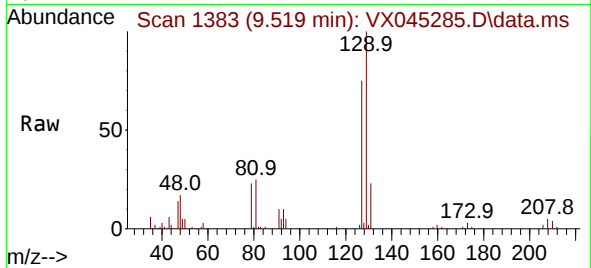
Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	63.6





#53
 Dibromochloromethane
 Concen: 20.529 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX045285.D
 Acq: 14 Mar 2025 10:17

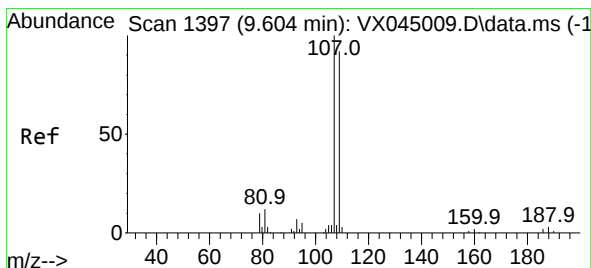
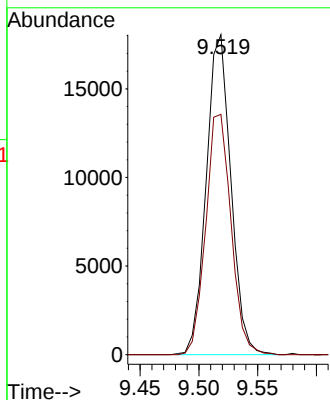
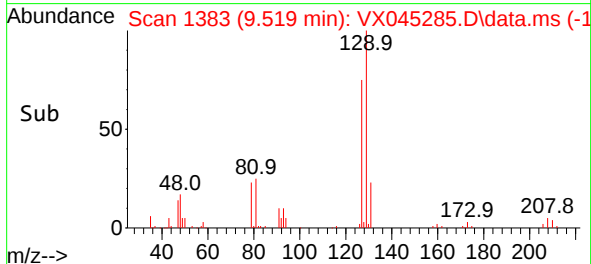
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



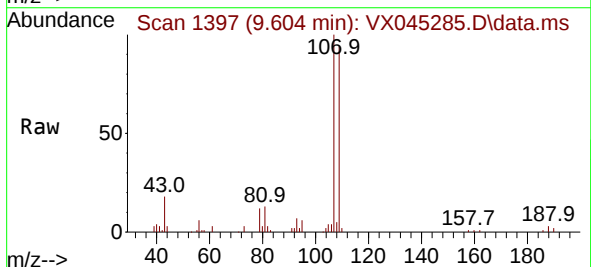
Tgt Ion:129 Resp: 26379
 Ion Ratio Lower Upper
 129 100
 127 77.2 37.3 111.9

Manual Integrations
 APPROVED

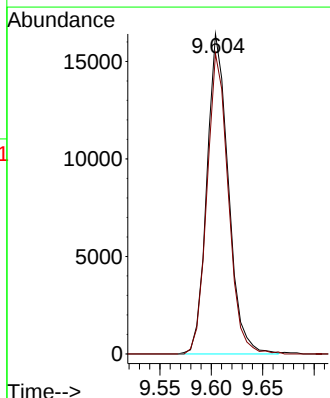
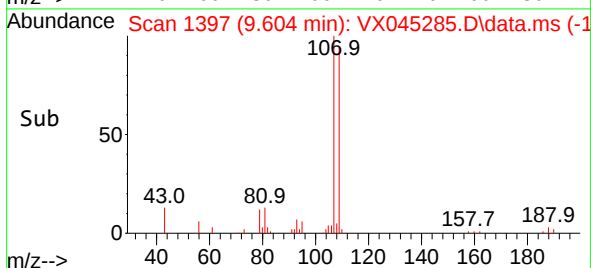
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#54
 1,2-Dibromoethane
 Concen: 20.276 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VX045285.D
 Acq: 14 Mar 2025 10:17



Tgt Ion:107 Resp: 23922
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 99.705 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 93558

Ion Ratio Lower Upper

63 100

65 32.3 26.2 39.2

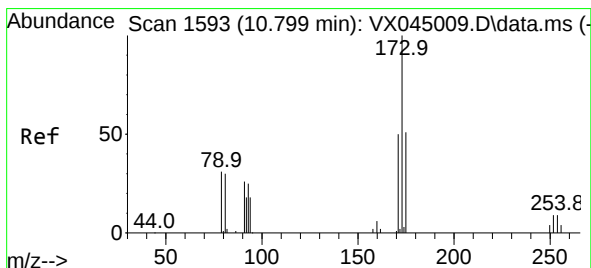
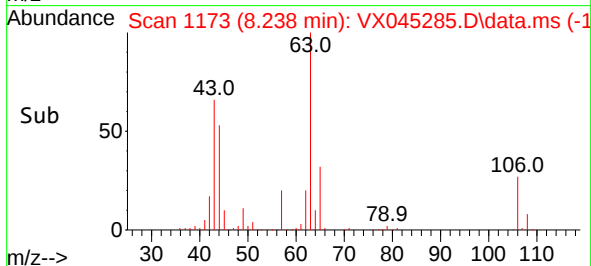
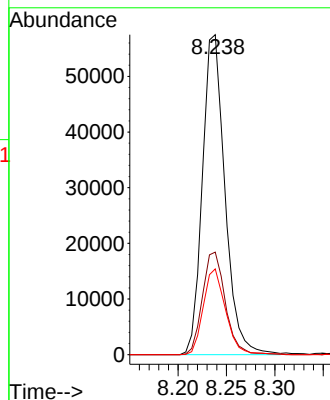
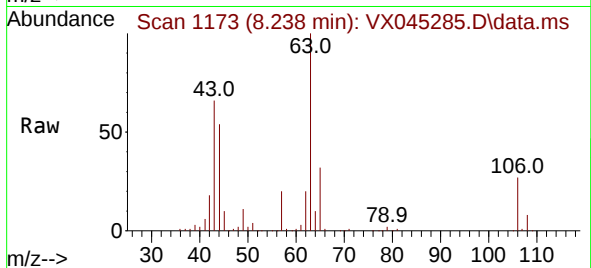
106 26.5 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#56

Bromoform

Concen: 20.621 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

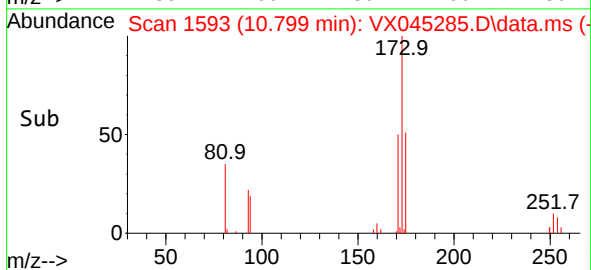
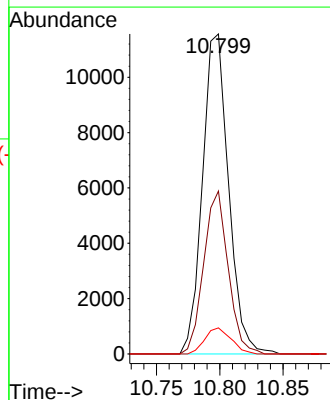
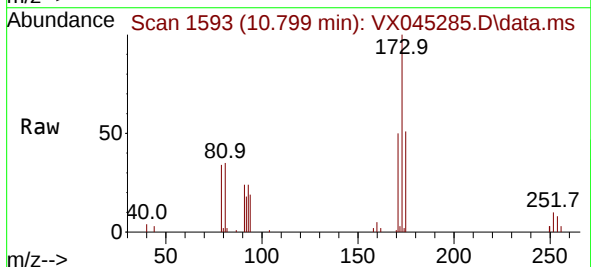
Tgt Ion:173 Resp: 16604

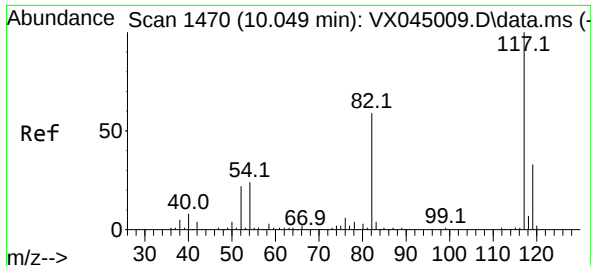
Ion Ratio Lower Upper

173 100

175 47.7 39.6 59.4

254 8.2 6.3 9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

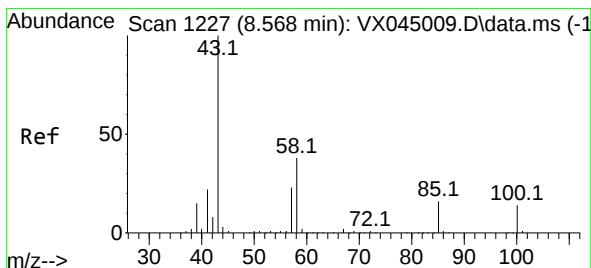
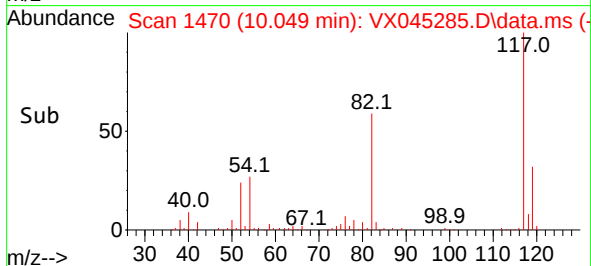
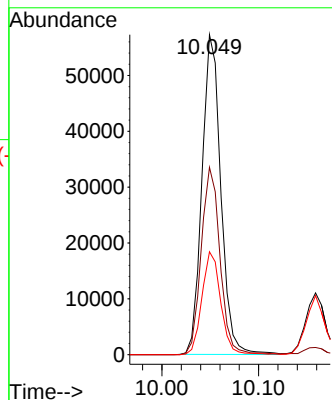
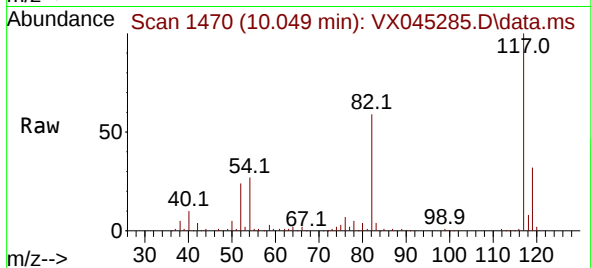
Tgt Ion:	117	Resp:	7779
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.8	68.8
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#58

4-Methyl-2-Pentanone

Concen: 118.678 ug/l

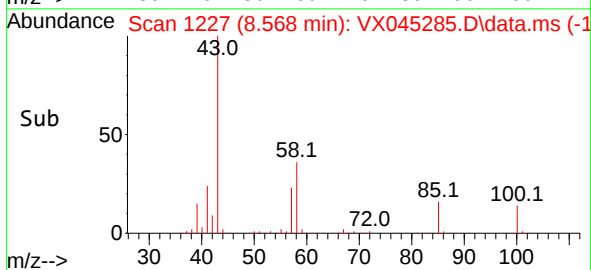
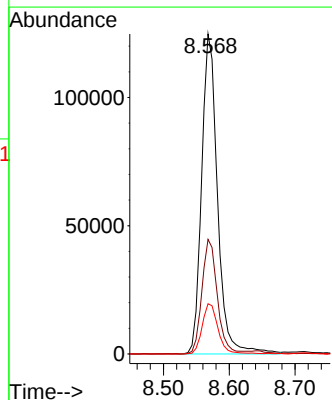
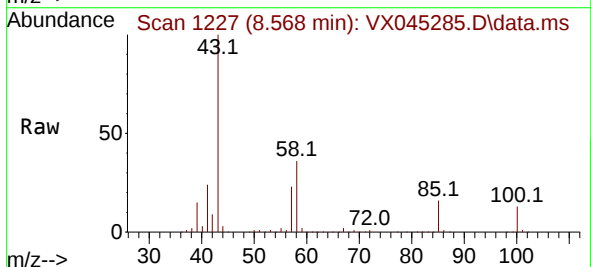
RT: 8.568 min Scan# 1227

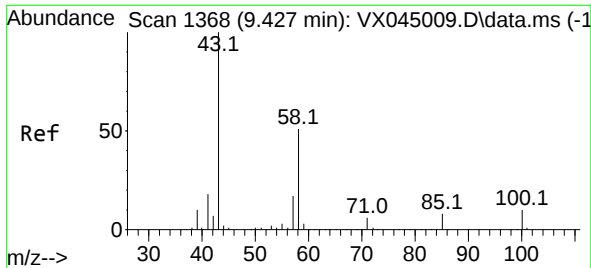
Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

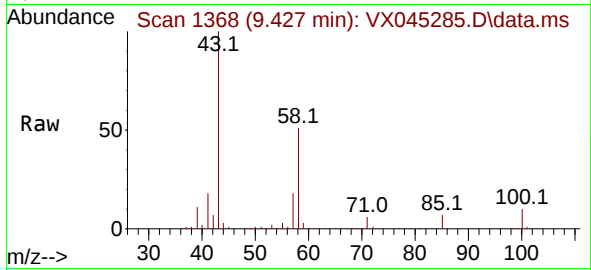
Tgt Ion:	43	Resp:	210011
Ion Ratio	Lower	Upper	
43	100		
58	34.6	29.5	44.3
85	15.8	12.9	19.3





#59
2-Hexanone
Concen: 118.305 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

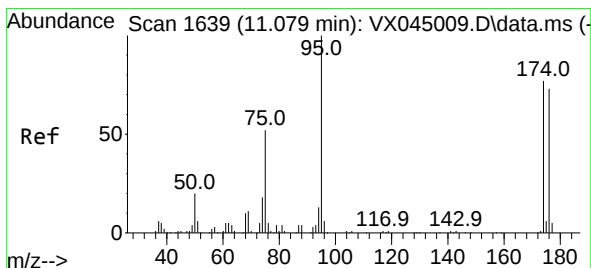
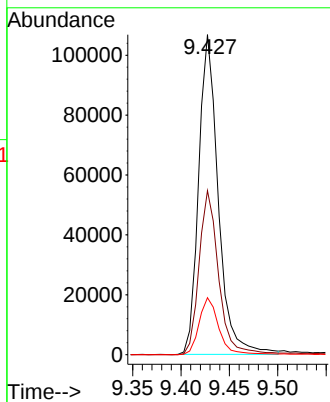
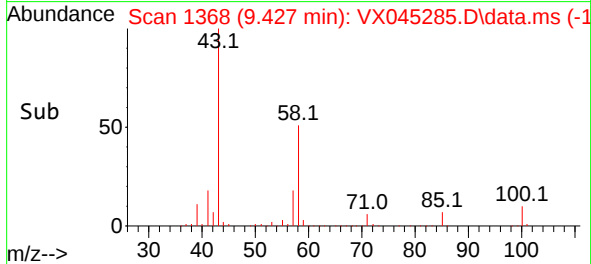
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



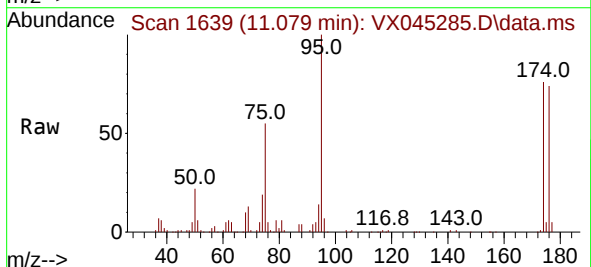
Tgt Ion: 43 Resp: 151320
Ion Ratio Lower Upper
43 100
58 51.2 41.6 62.4
57 17.8 13.8 20.6

Manual Integrations
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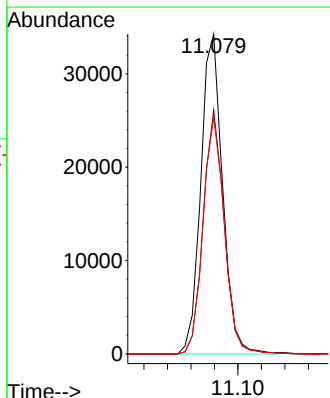
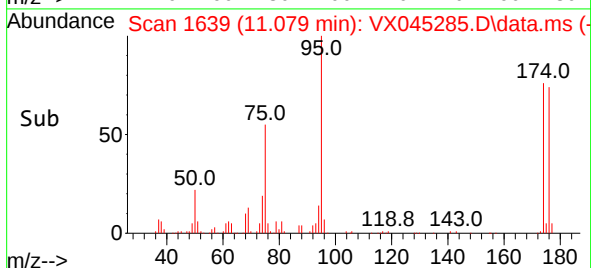
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

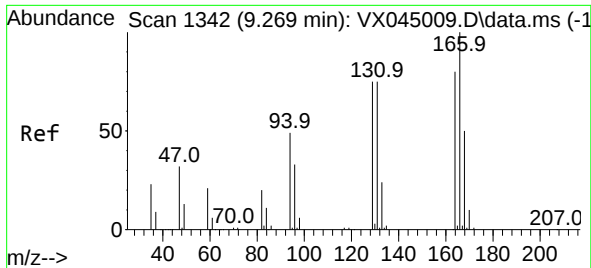


#60
4-Bromofluorobenzene
Concen: 30.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



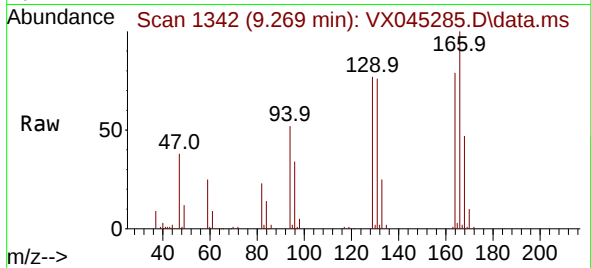
Tgt Ion: 95 Resp: 44147
Ion Ratio Lower Upper
95 100
174 73.0 59.5 89.3
176 72.6 55.5 83.3





#61
Tetrachloroethene
Concen: 21.091 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

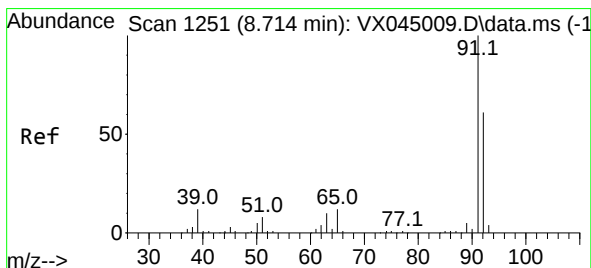
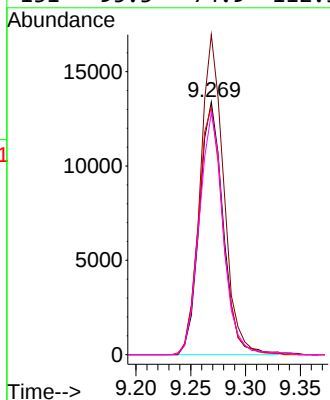
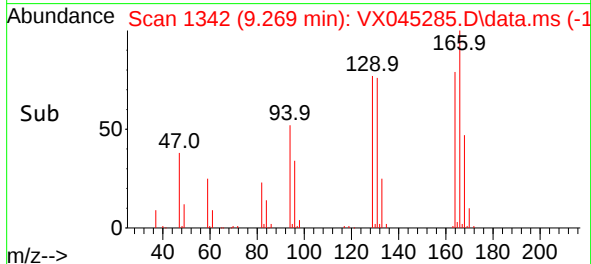
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



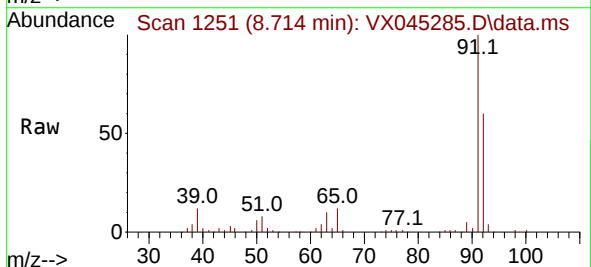
Tgt Ion:164 Resp: 2020
Ion Ratio Lower Upper
164 100
166 126.7 100.3 150.5
129 97.5 75.5 113.3
131 95.3 74.9 112.3

Manual Integrations
APPROVED

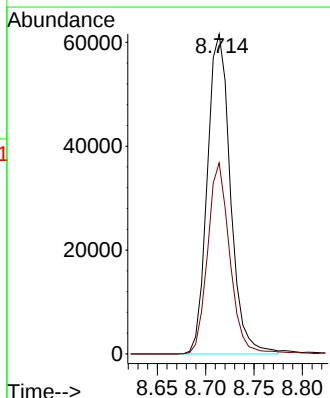
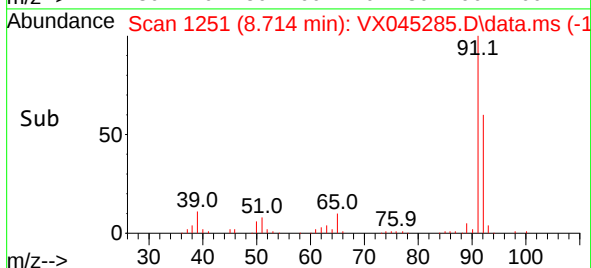
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

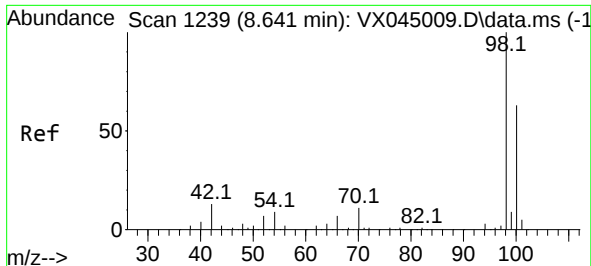


#62
Toluene
Concen: 19.886 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



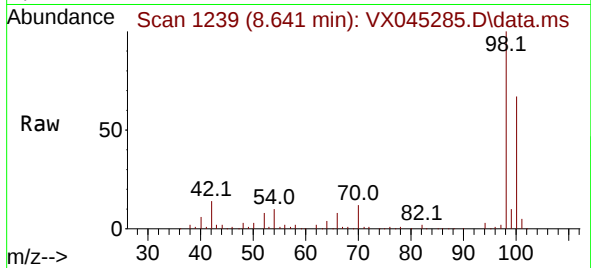
Tgt Ion: 91 Resp: 102478
Ion Ratio Lower Upper
91 100
92 56.7 46.9 70.3





#63
Toluene-d8
Concen: 31.019 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

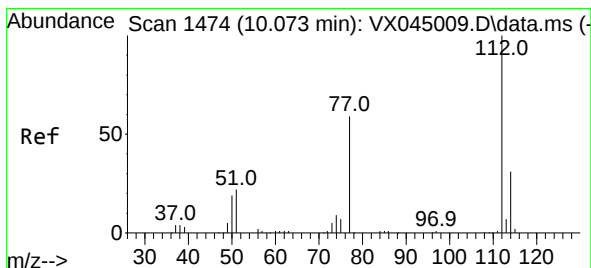
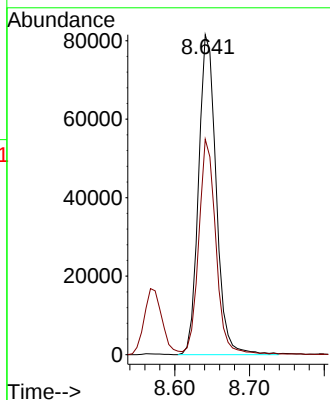
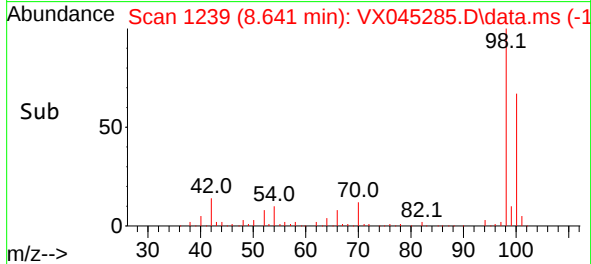
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 13349
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

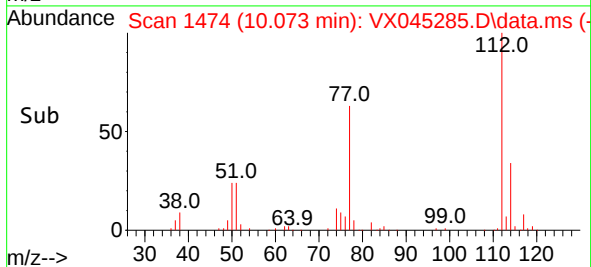
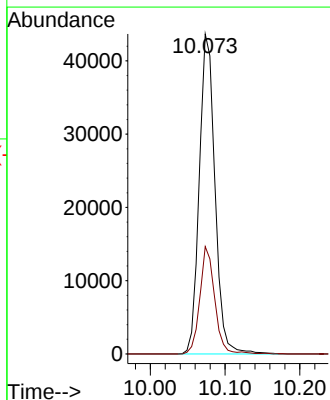
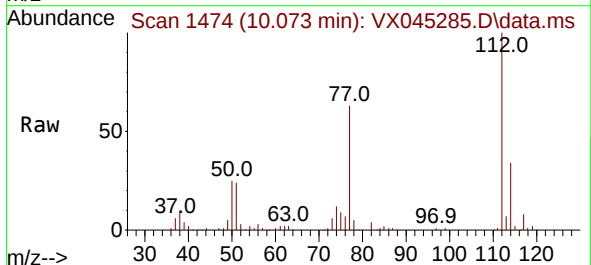
Manual Integrations
APPROVED

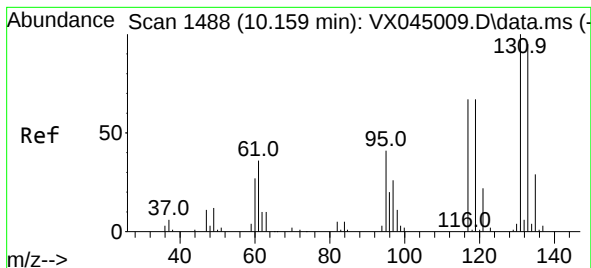
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Chlorobenzene
Concen: 19.960 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

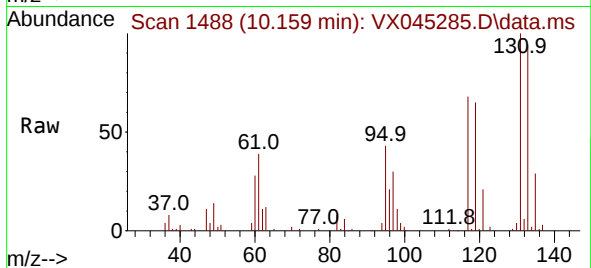
Tgt Ion:112 Resp: 63738
Ion Ratio Lower Upper
112 100
114 33.5 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.375 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

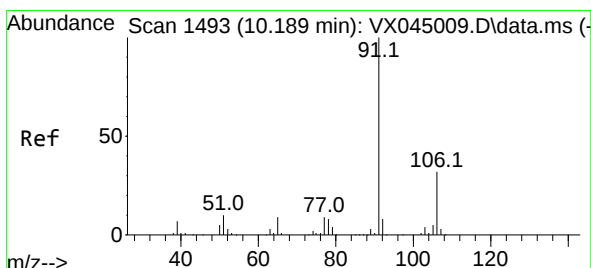
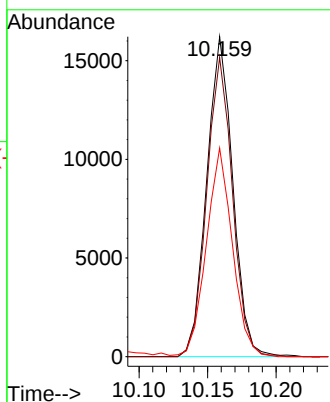
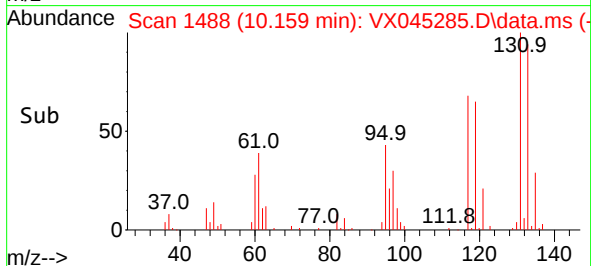
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 21469
Ion Ratio Lower Upper
131 100
133 92.6 0.0 187.8
119 65.2 0.0 133.0

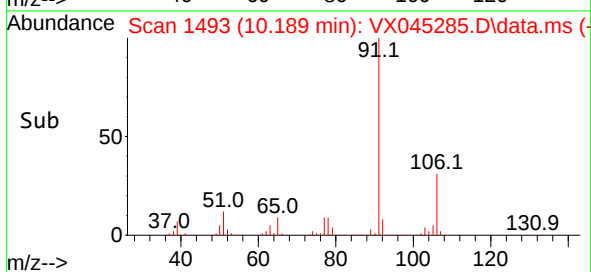
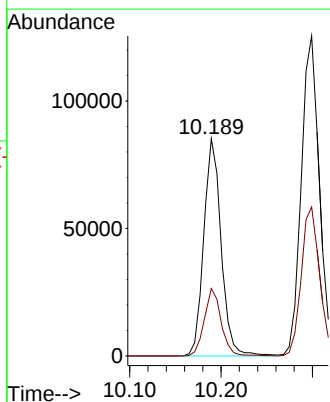
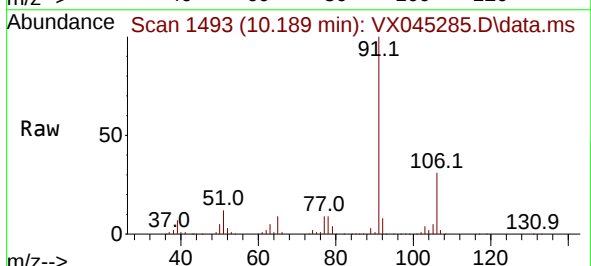
Manual Integrations
APPROVED

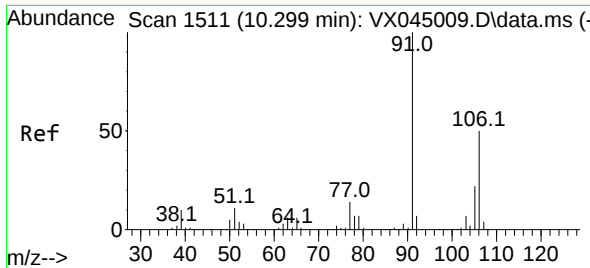
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
Ethyl Benzene
Concen: 19.913 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 91 Resp: 112344
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2





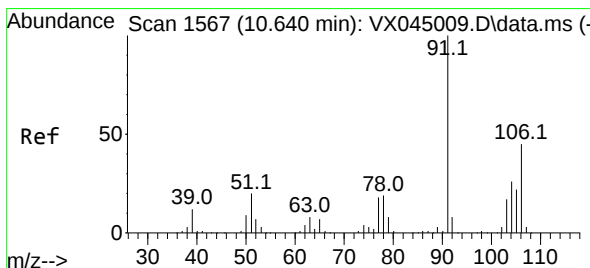
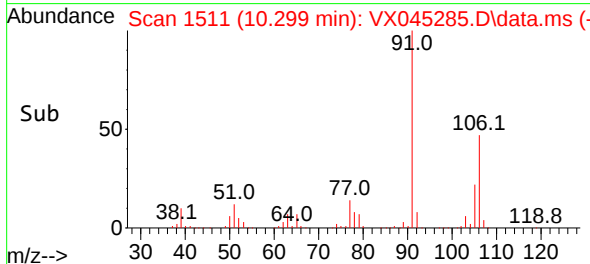
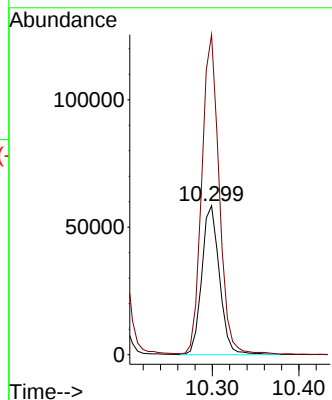
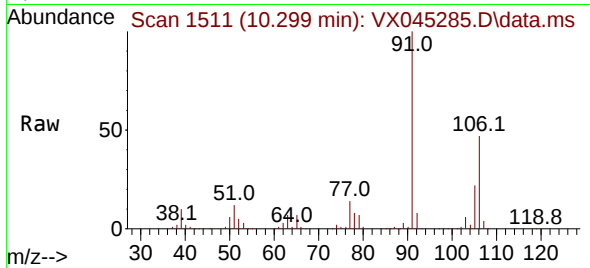
#67
m/p-Xylenes
Concen: 39.449 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 82923
Ion Ratio Lower Upper
106 100
91 208.3 163.7 245.5

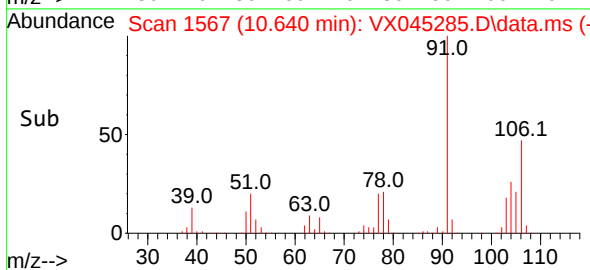
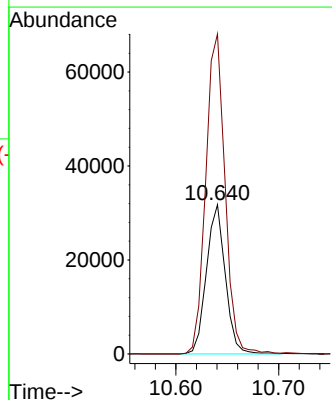
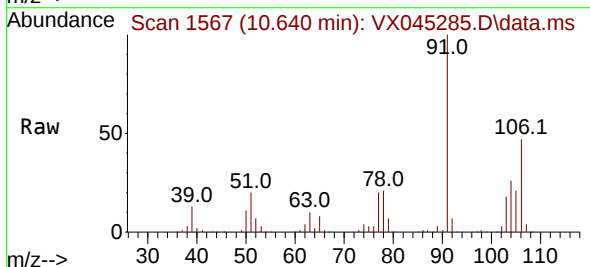
Manual Integrations
APPROVED

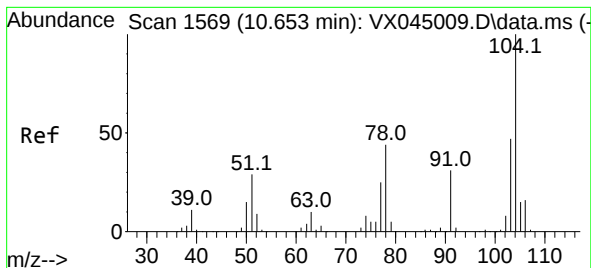
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#68
o-Xylene
Concen: 19.698 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion:106 Resp: 40626
Ion Ratio Lower Upper
106 100
91 216.5 109.7 329.1





#69

Styrene

Concen: 19.557 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

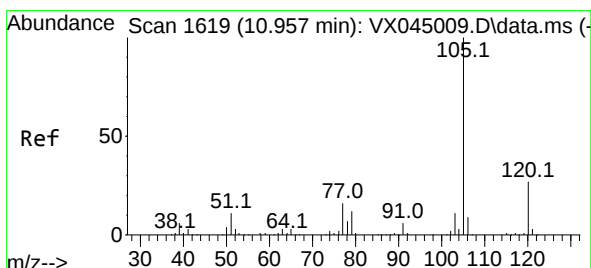
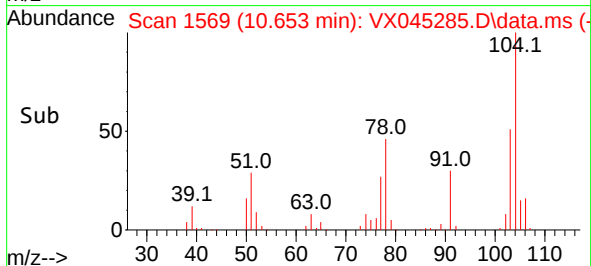
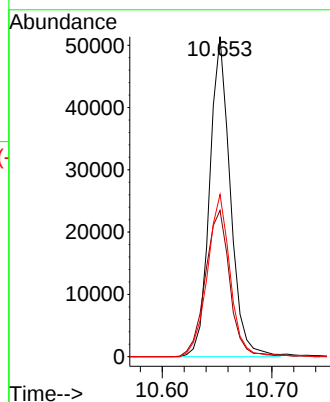
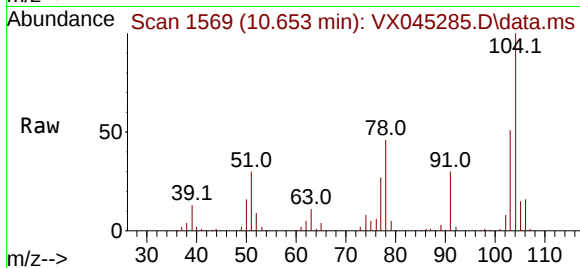
Tgt Ion:104	Resp:	6736
Ion Ratio	Lower	Upper
104	100	
78	53.4	41.4 62.0
103	55.3	43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#70

Isopropylbenzene

Concen: 20.364 ug/l

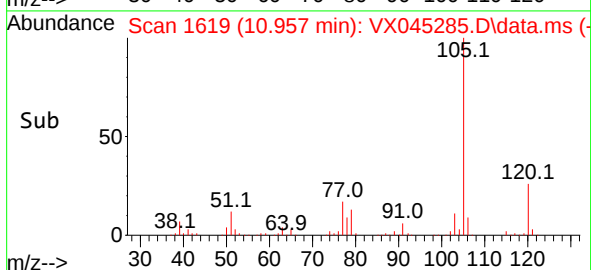
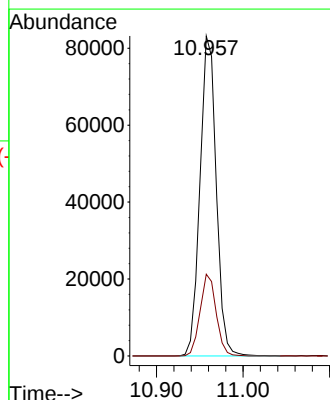
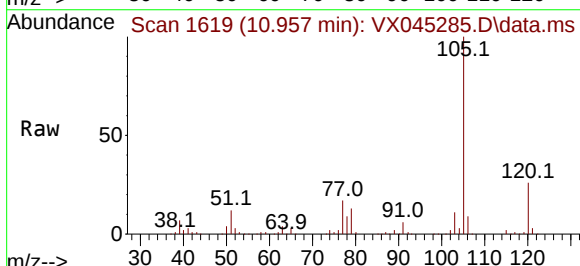
RT: 10.957 min Scan# 1619

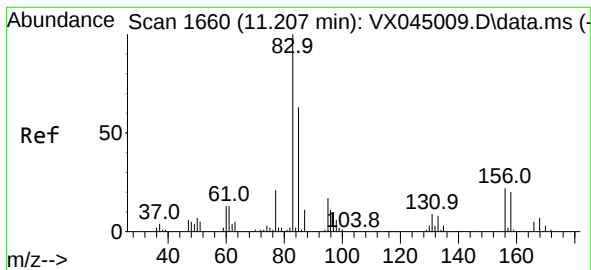
Delta R.T. 0.000 min

Lab File: VX045285.D

Acq: 14 Mar 2025 10:17

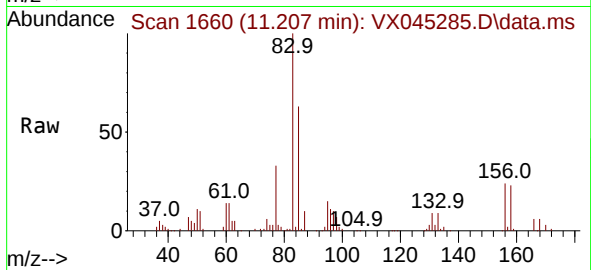
Tgt Ion:105	Resp:	108381
Ion Ratio	Lower	Upper
105	100	
120	25.2	18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 22.853 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

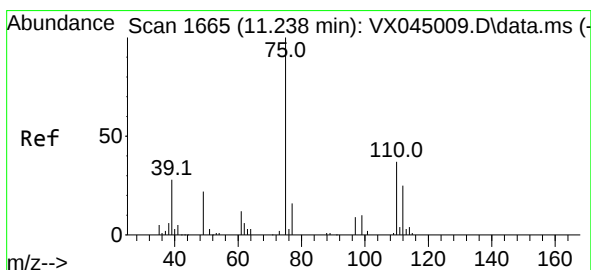
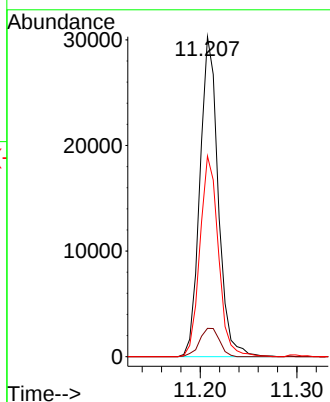
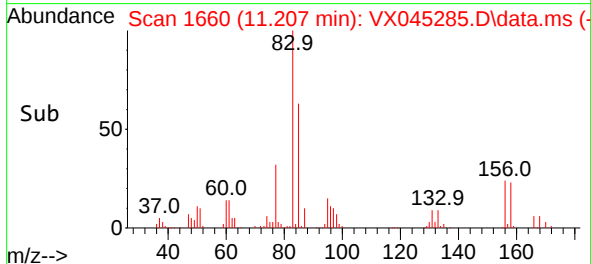
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 39990
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 63.2 32.3 96.8

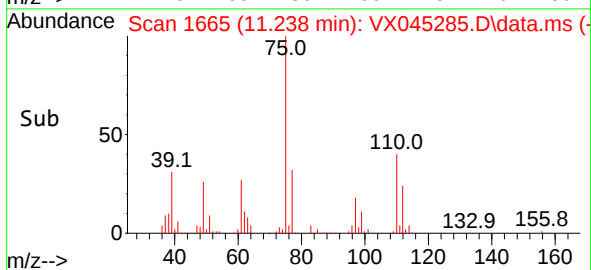
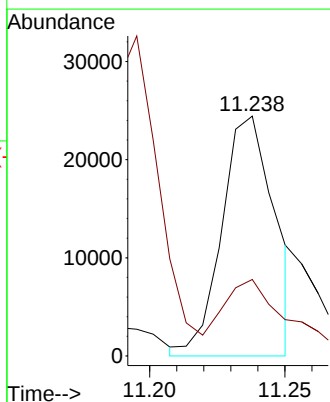
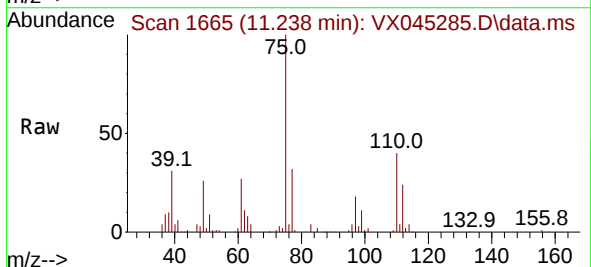
Manual Integrations
APPROVED

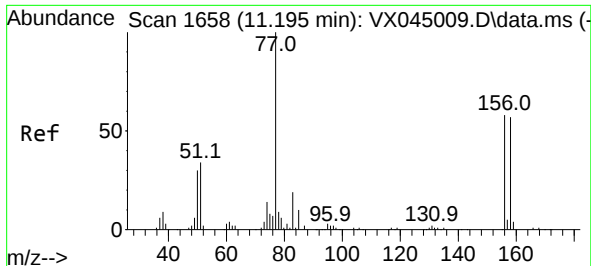
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#72
1,2,3-Trichloropropane
Concen: 23.032 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

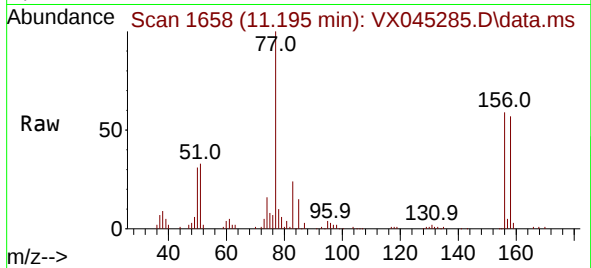
Tgt Ion: 75 Resp: 33154
Ion Ratio Lower Upper
75 100
77 39.8 0.0 84.0





#73
Bromobenzene
Concen: 20.096 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

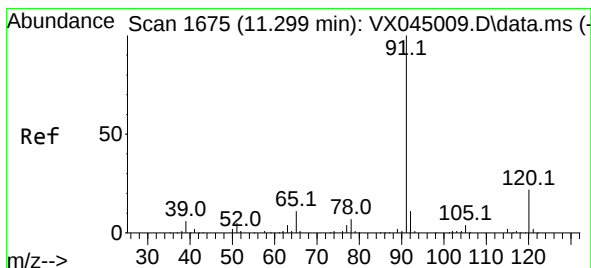
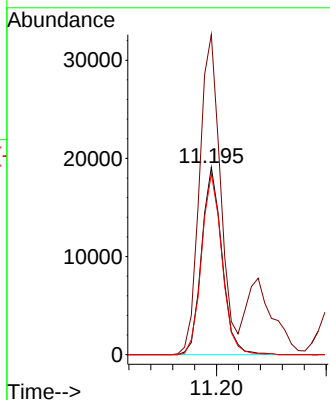
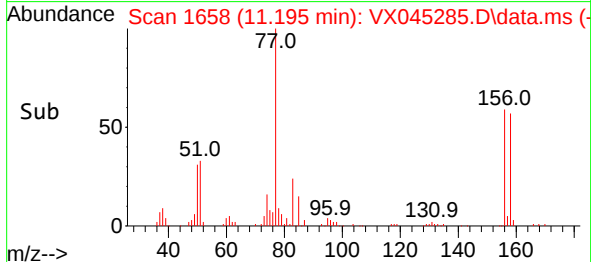
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



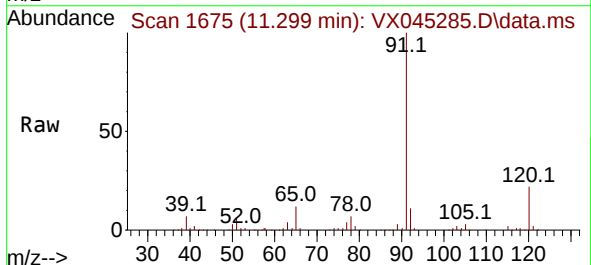
Tgt Ion:156 Resp: 2462
Ion Ratio Lower Upper
156 100
77 175.9 0.0 347.2
158 96.6 0.0 197.6

Manual Integrations
APPROVED

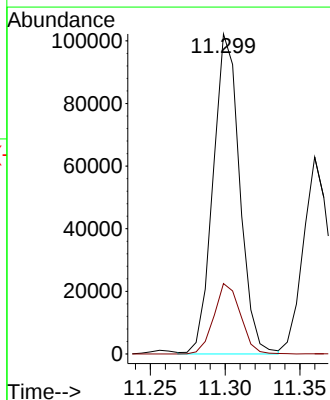
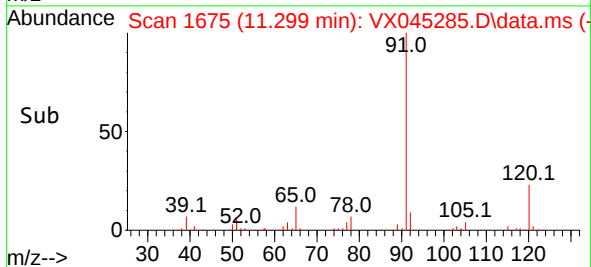
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

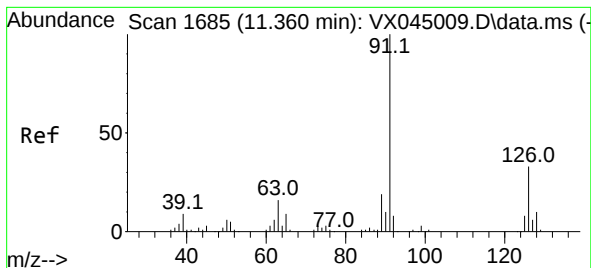


#74
n-propylbenzene
Concen: 19.974 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



Tgt Ion: 91 Resp: 126506
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.2





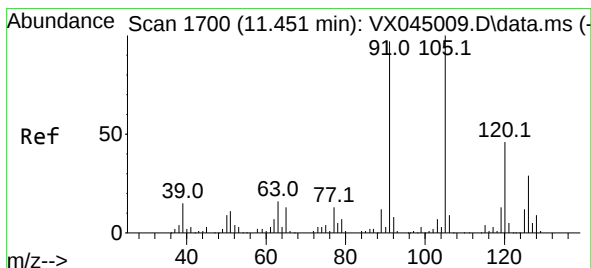
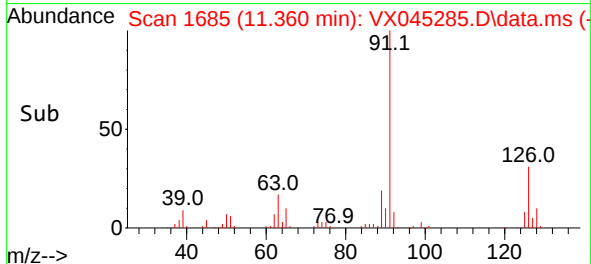
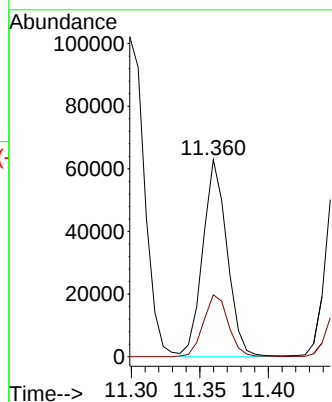
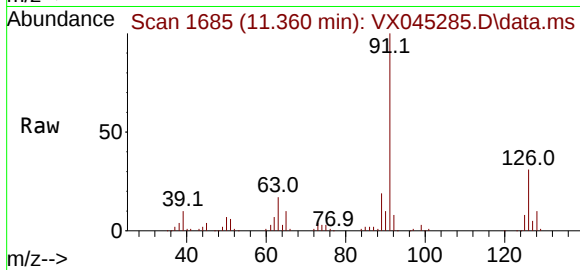
#75
2-Chlorotoluene
Concen: 20.266 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 77599
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4

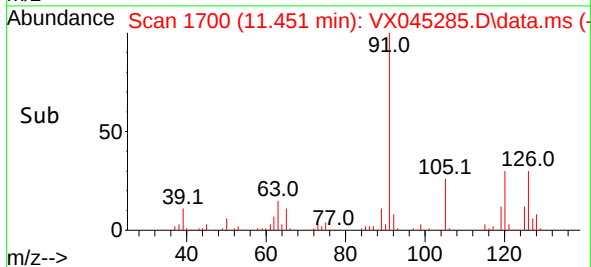
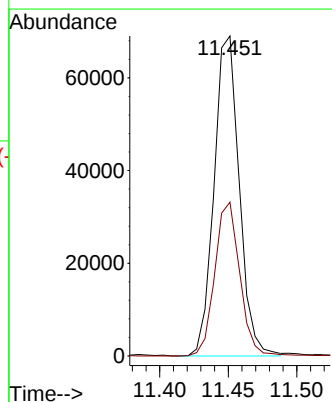
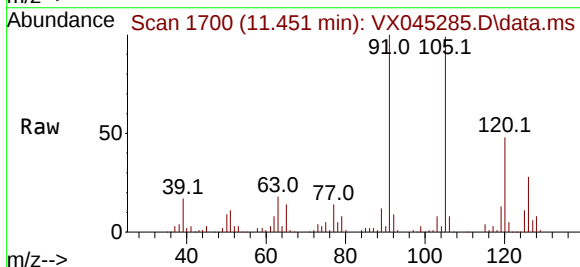
Manual Integrations
APPROVED

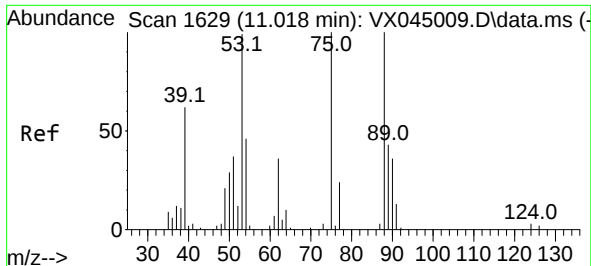
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.105 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

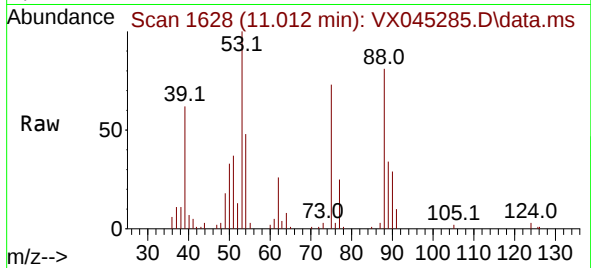
Tgt Ion:105 Resp: 88277
Ion Ratio Lower Upper
105 100
120 47.9 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.050 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

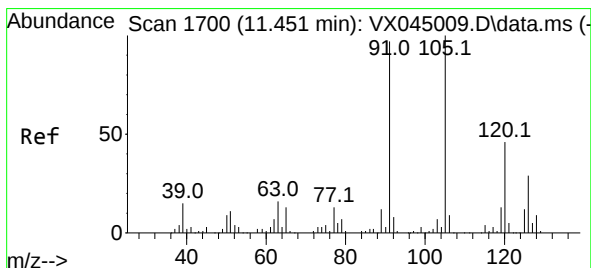
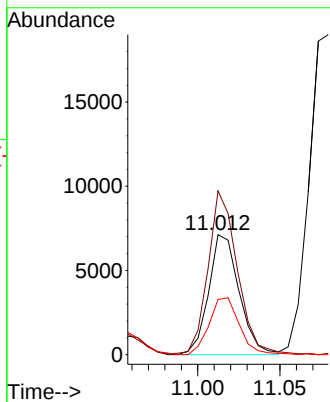
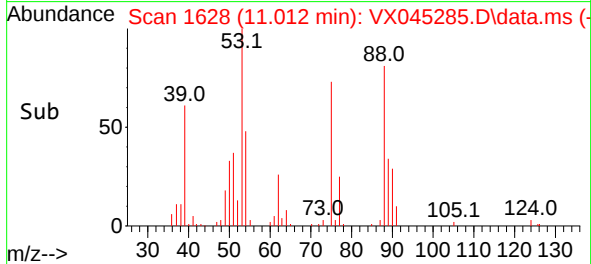
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 9220
Ion Ratio Lower Upper
75 100
53 135.3 49.8 149.4
89 46.0 21.4 64.2

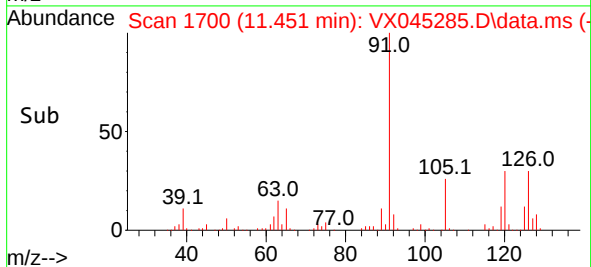
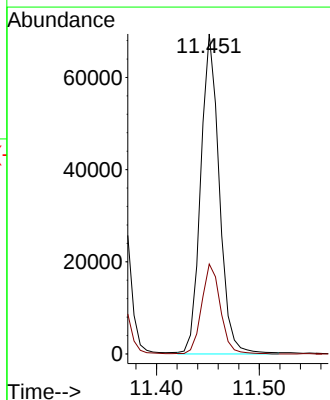
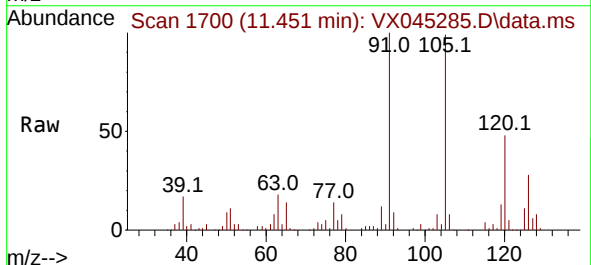
Manual Integrations
APPROVED

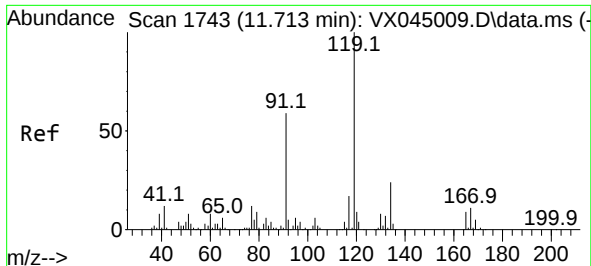
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#78
4-Chlorotoluene
Concen: 20.488 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

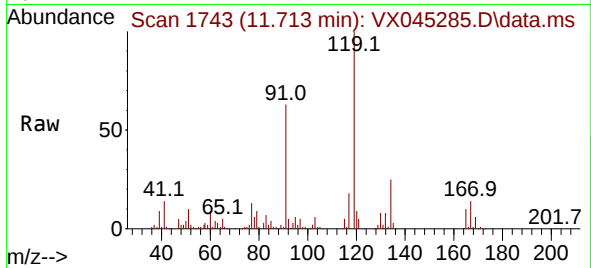
Tgt Ion: 91 Resp: 87449
Ion Ratio Lower Upper
91 100
126 28.2 0.0 58.0





#79
tert-butylbenzene
Concen: 20.139 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

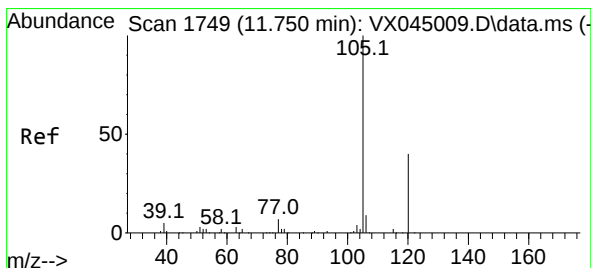
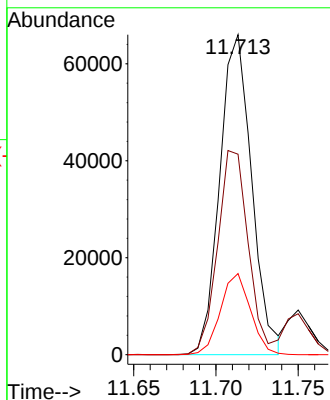
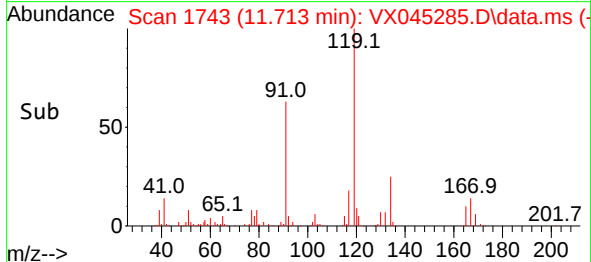
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



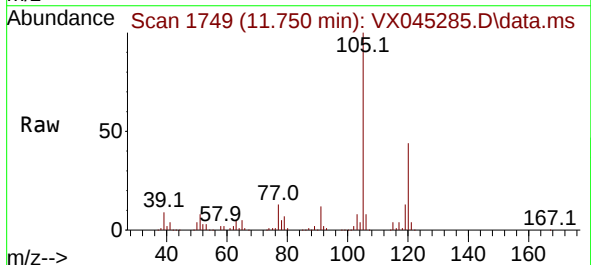
Tgt Ion:119 Resp: 8909
Ion Ratio Lower Upper
119 100
91 60.7 0.0 120.6
134 23.8 0.0 48.2

Manual Integrations
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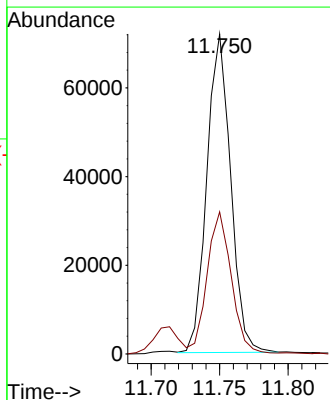
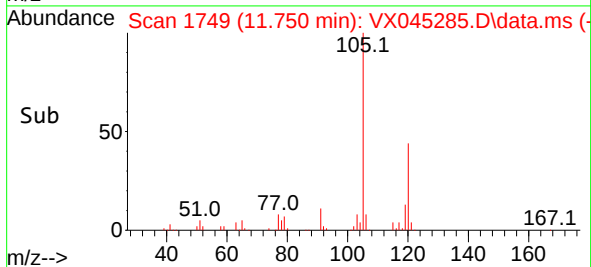
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

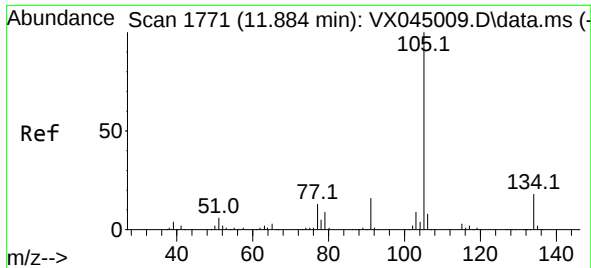


#80
1,2,4-Trimethylbenzene
Concen: 19.744 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



Tgt Ion:105 Resp: 86841
Ion Ratio Lower Upper
105 100
120 45.5 0.0 88.4





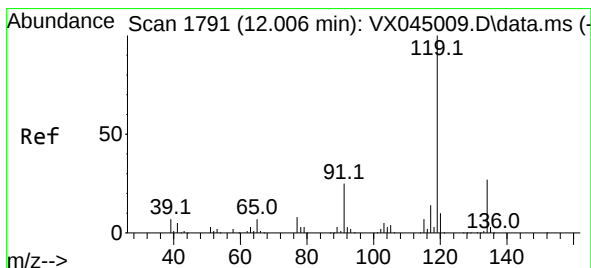
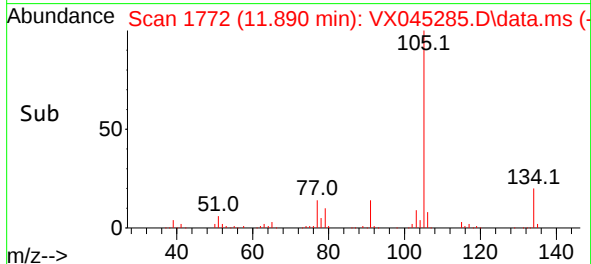
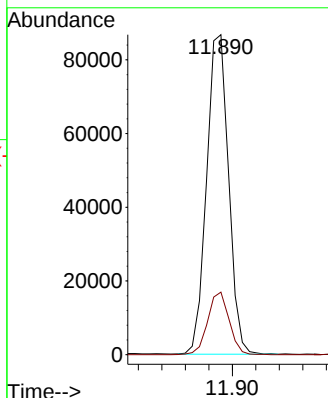
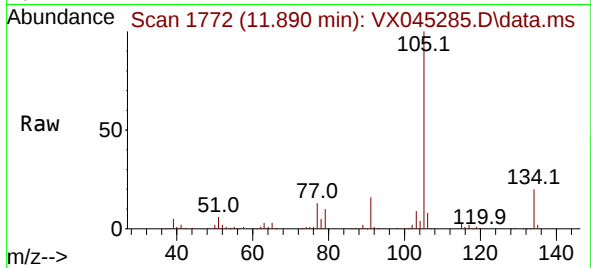
#81
 sec-Butylbenzene
 Concen: 20.283 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045285.D
 Acq: 14 Mar 2025 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 112619
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.0

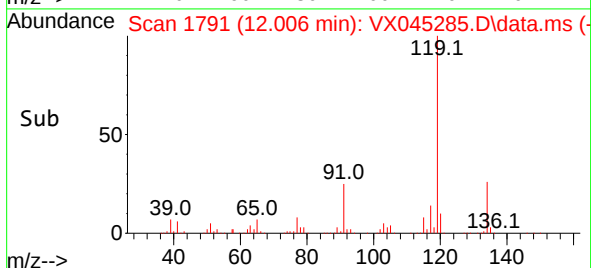
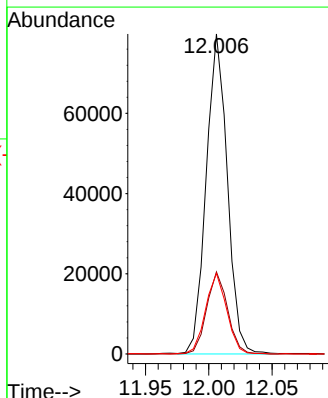
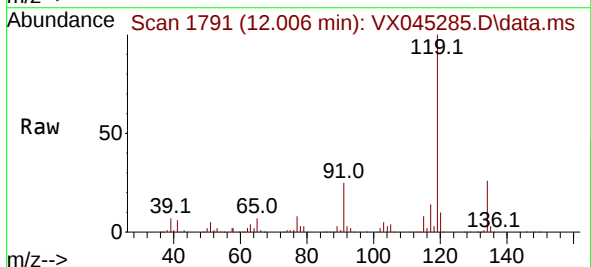
Manual Integrations
 APPROVED

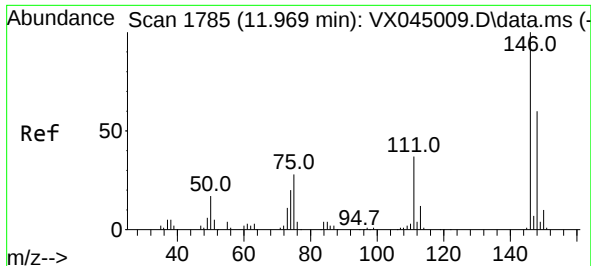
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#82
 p-Isopropyltoluene
 Concen: 20.597 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045285.D
 Acq: 14 Mar 2025 10:17

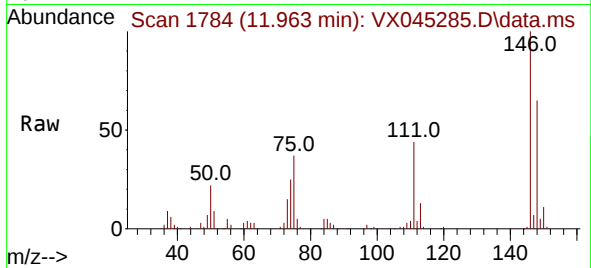
Tgt Ion:119 Resp: 92660
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.6
 91 25.2 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.509 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

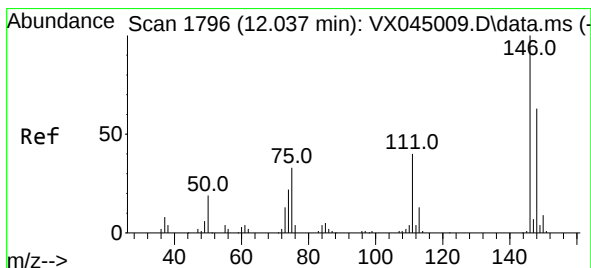
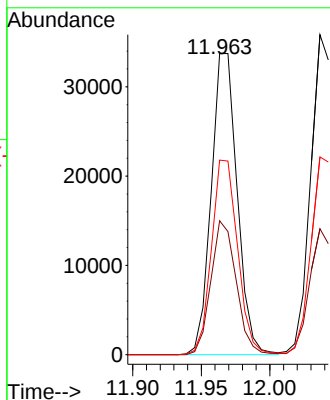
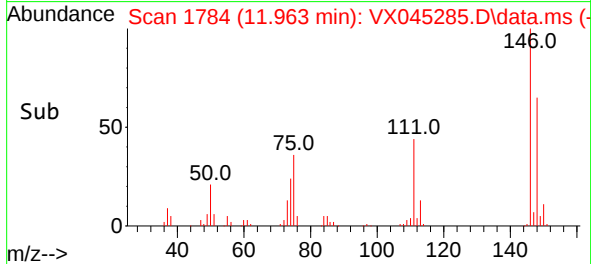
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



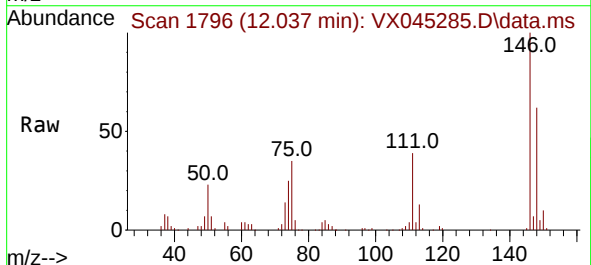
Tgt Ion:146 Resp: 44474
Ion Ratio Lower Upper
146 100
111 43.5 20.2 60.5
148 65.2 31.2 93.6

Manual Integrations
APPROVED

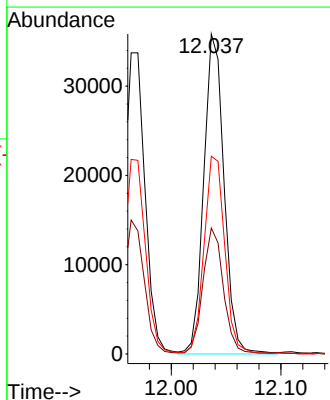
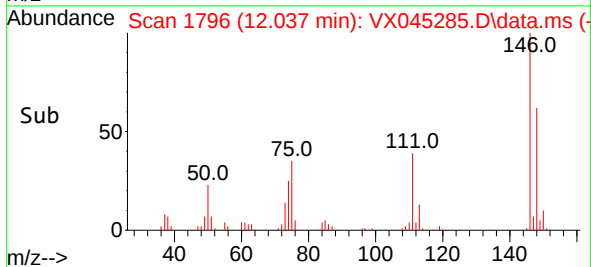
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

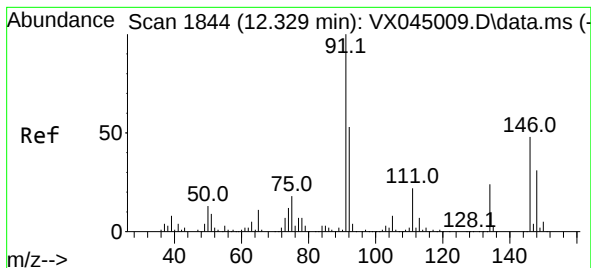


#84
1,4-Dichlorobenzene
Concen: 20.495 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



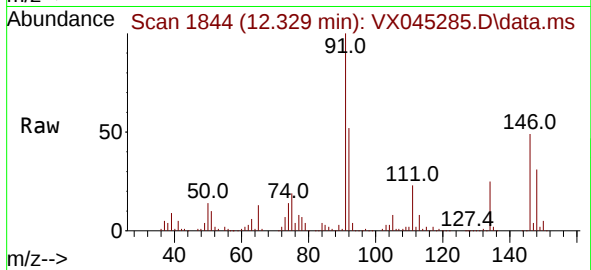
Tgt Ion:146 Resp: 46066
Ion Ratio Lower Upper
146 100
111 40.0 20.4 61.2
148 63.1 31.8 95.4





#85
n-Butylbenzene
Concen: 19.643 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

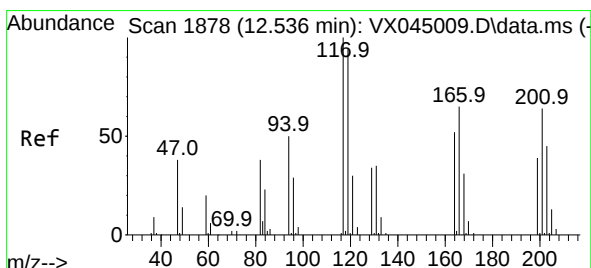
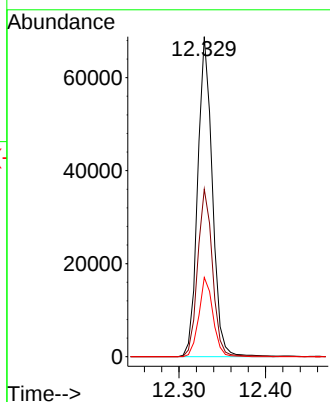
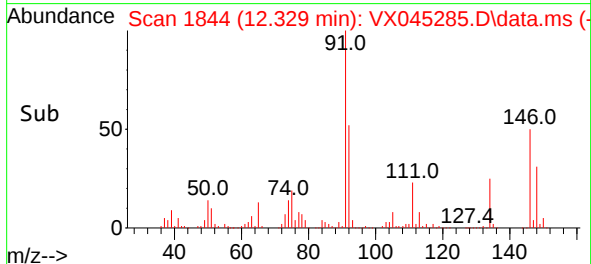
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 80698
Ion Ratio Lower Upper
91 100
92 52.8 0.0 105.2
134 24.0 0.0 49.4

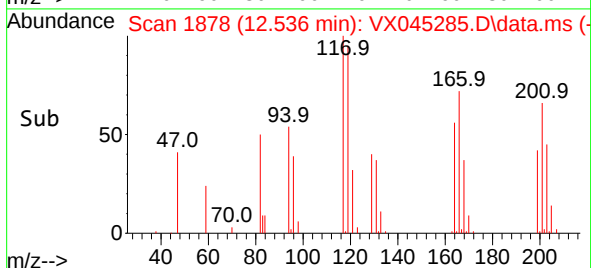
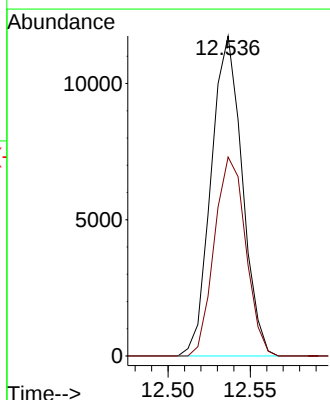
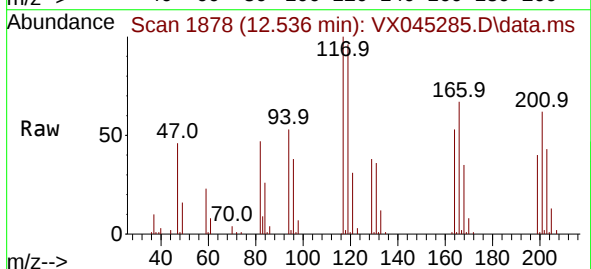
Manual Integrations
APPROVED

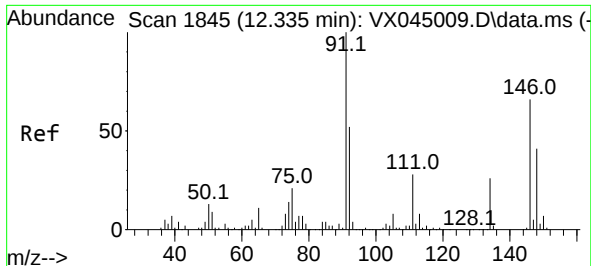
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#86
Hexachloroethane
Concen: 19.495 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

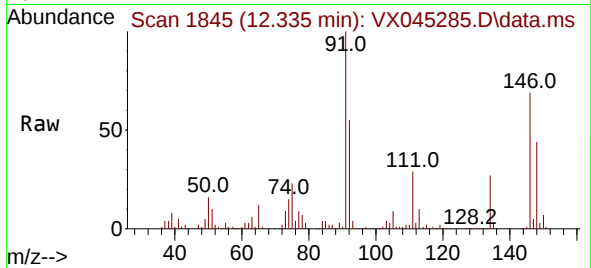
Tgt Ion:117 Resp: 15467
Ion Ratio Lower Upper
117 100
201 62.5 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.841 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

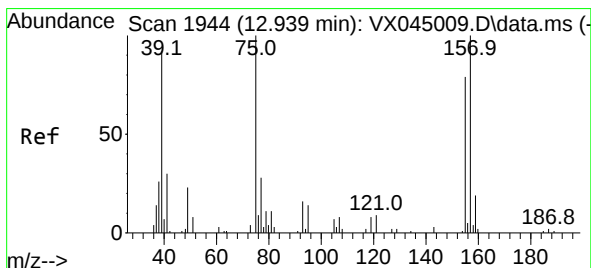
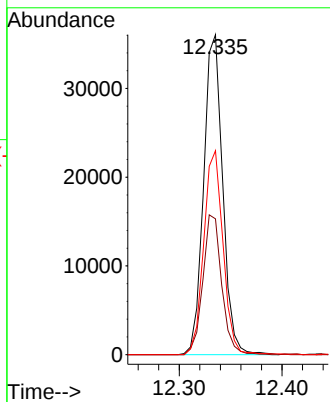
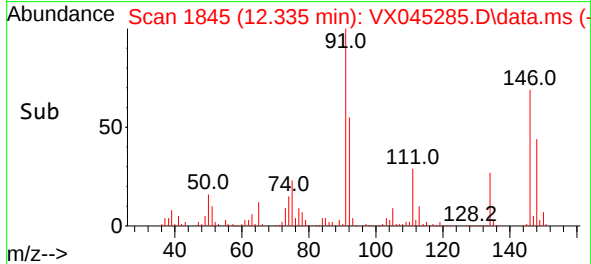
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 4661
Ion Ratio Lower Upper
146 100
111 43.2 21.7 65.1
148 64.1 31.8 95.4

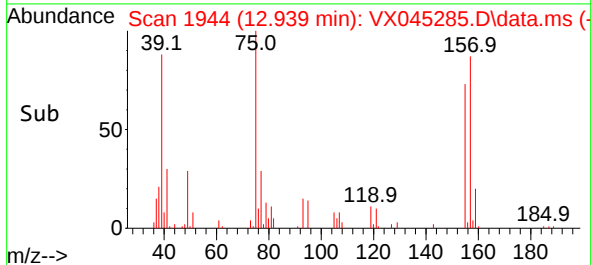
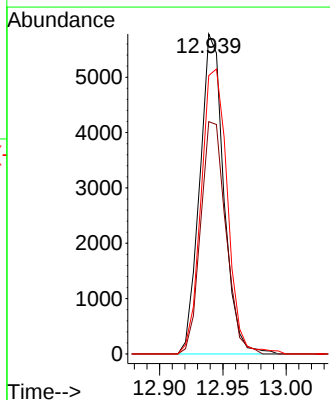
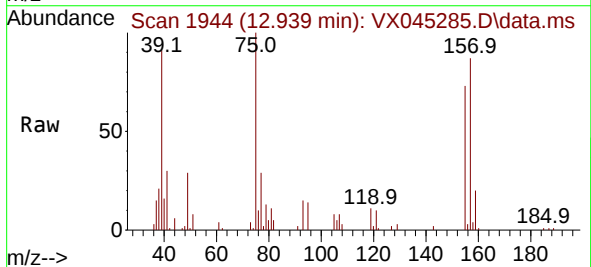
Manual Integrations
APPROVED

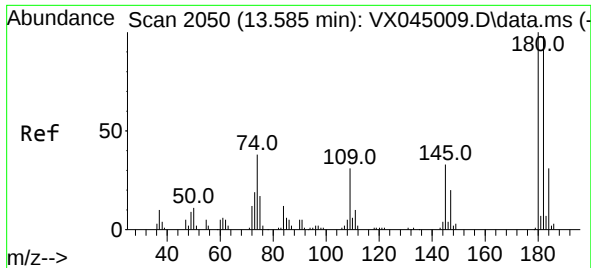
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.612 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Tgt Ion: 75 Resp: 7662
Ion Ratio Lower Upper
75 100
155 75.8 66.2 99.4
157 96.3 81.4 122.2





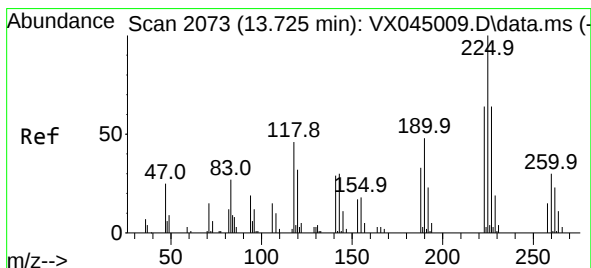
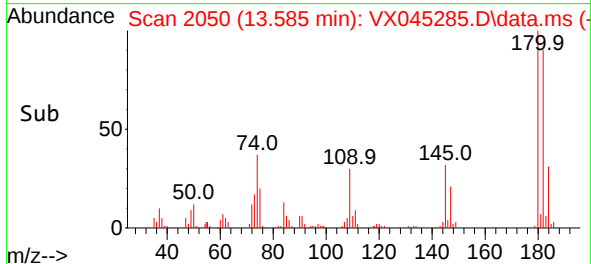
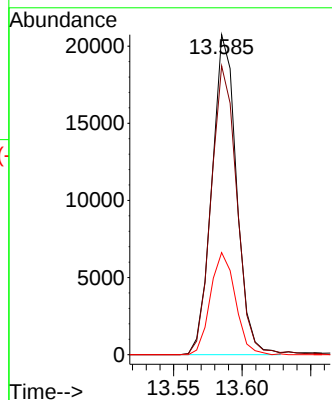
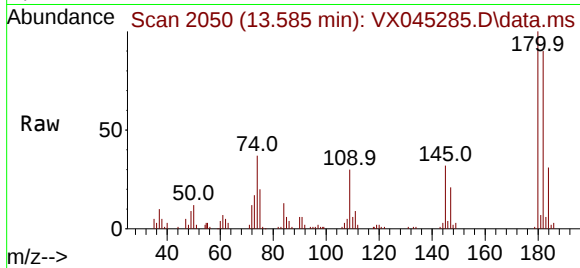
#89
1,2,4-Trichlorobenzene
Concen: 19.136 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:180 Resp: 2594
Ion Ratio Lower Upper
180 100
182 94.0 77.7 116.5
145 32.2 25.8 38.6

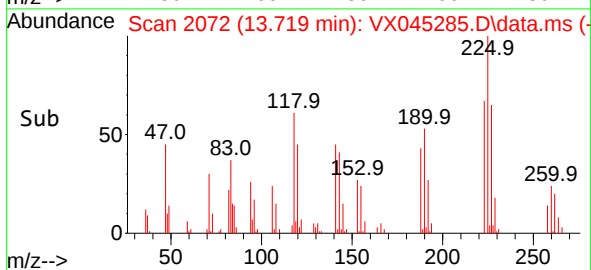
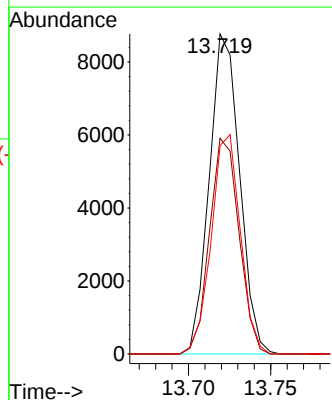
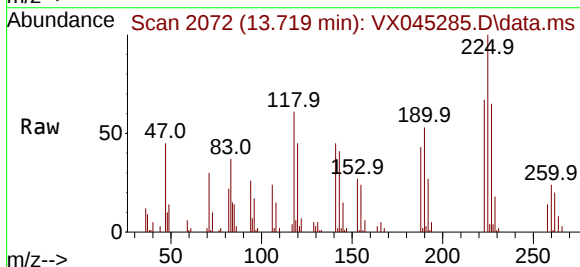
Manual Integrations
APPROVED

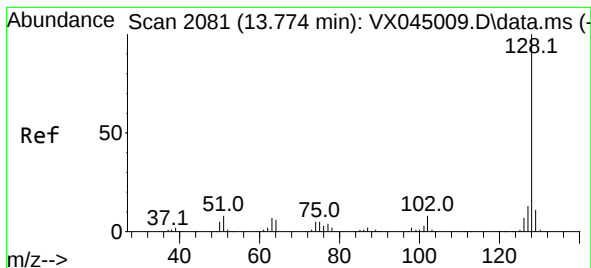
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachlorobutadiene
Concen: 20.360 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

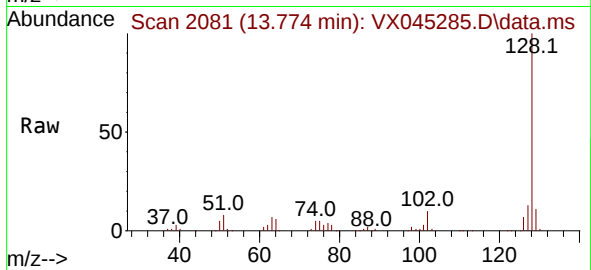
Tgt Ion:225 Resp: 11256
Ion Ratio Lower Upper
225 100
223 65.6 0.0 123.4
227 65.8 0.0 127.4





#91
Naphthalene
Concen: 19.806 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17

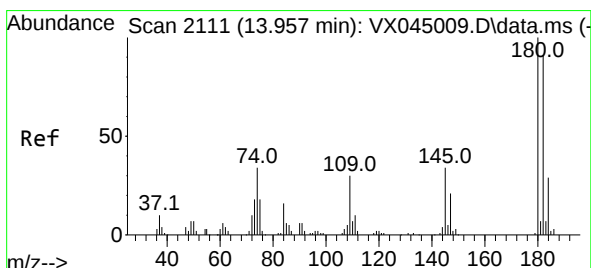
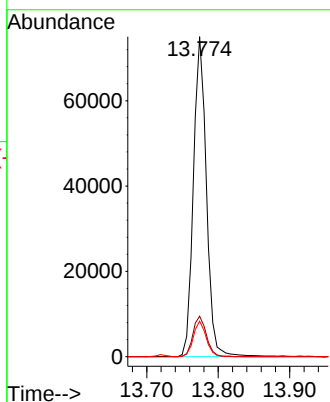
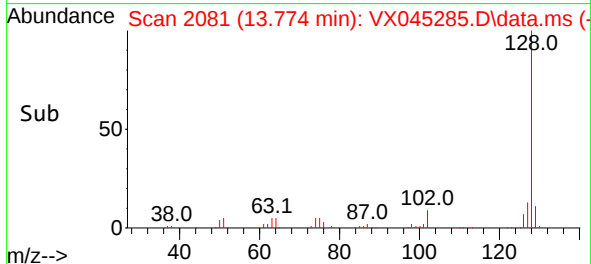
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



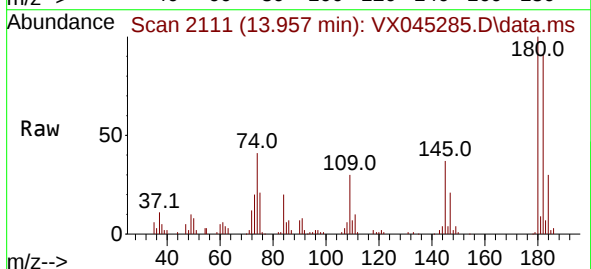
Tgt Ion:128 Resp: 94674
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.250 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045285.D
Acq: 14 Mar 2025 10:17



Tgt Ion:180 Resp: 26866
Ion Ratio Lower Upper
180 100
182 92.3 0.0 186.6
145 34.8 0.0 68.4

