

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045839.D
 Acq On : 17 Apr 2025 19:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 03:43:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81950	51.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	5.379	113	55903	51.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.647	98	193731	50.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.079	95	76701	55.359	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61565	47.548	ug/l	99
3) Chloromethane	1.300	50	63511	47.746	ug/l	99
4) Vinyl Chloride	1.374	62	58914	48.395	ug/l	96
5) Bromomethane	1.593	94	26122	45.256	ug/l	98
6) Chloroethane	1.666	64	33720	52.209	ug/l	95
7) Trichlorofluoromethane	1.874	101	92076	50.722	ug/l	97
8) Diethyl Ether	2.130	74	30262	49.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	52882	49.714	ug/l	99
10) Methyl Iodide	2.447	142	70300	52.985	ug/l	98
11) Tert butyl alcohol	2.977	59	49681	233.479	ug/l	98
12) 1,1-Dichloroethene	2.312	96	52541	50.550	ug/l	100
13) Acrolein	2.233	56	60086	205.057	ug/l	100
14) Allyl chloride	2.654	41	96797	49.082	ug/l	99
15) Acrylonitrile	3.062	53	161326	240.180	ug/l	100
16) Acetone	2.380	43	152926	235.214	ug/l	99
17) Carbon Disulfide	2.501	76	119538	46.565	ug/l	99
18) Methyl Acetate	2.703	43	72905	48.704	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	186223	51.217	ug/l	99
20) Methylene Chloride	2.782	84	60038	49.326	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	52666	49.597	ug/l	99
22) Diisopropyl ether	3.757	45	197766	50.908	ug/l	93
23) Vinyl Acetate	3.715	43	862823	257.065	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108557	49.411	ug/l	100
25) 2-Butanone	4.556	43	232180	243.964	ug/l	99
26) 2,2-Dichloropropane	4.471	77	57119	40.240	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	64104	49.551	ug/l	99
28) Bromochloromethane	4.891	49	51696	48.692	ug/l	99
29) Tetrahydrofuran	5.001	42	147312	238.749	ug/l	99
30) Chloroform	5.086	83	114062	50.455	ug/l	98
31) Cyclohexane	5.458	56	99964	51.468	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	97456	50.947	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74561	50.672	ug/l	99
37) Ethyl Acetate	4.714	43	89520	48.277	ug/l	99
38) Carbon Tetrachloride	5.672	117	82459	51.853	ug/l	96
39) Methylcyclohexane	7.373	83	95374	52.877	ug/l	100
40) Benzene	6.031	78	223458	49.725	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045839.D
 Acq On : 17 Apr 2025 19:19
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 18 03:43:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51591	52.731	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95885	51.660	ug/l	100
43) Isopropyl Acetate	6.336	43	144293	51.342	ug/l	99
44) Trichloroethene	7.123	130	53195	49.802	ug/l	99
45) 1,2-Dichloropropane	7.427	63	56945	50.786	ug/l	98
46) Dibromomethane	7.580	93	43696	50.766	ug/l	99
47) Bromodichloromethane	7.818	83	86457	50.297	ug/l	95
48) Methyl methacrylate	7.690	41	75045	51.716	ug/l	98
49) 1,4-Dioxane	7.659	88	26311	1002.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	476479	255.746	ug/l	100
52) Toluene	8.714	92	138162	50.808	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74663	45.389	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	81983	50.753	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54091	49.918	ug/l	95
56) Ethyl methacrylate	9.116	69	91138	54.346	ug/l	99
57) 1,3-Dichloropropane	9.305	76	95650	50.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	230320	271.496	ug/l	99
59) 2-Hexanone	9.427	43	352984	255.847	ug/l	100
60) Dibromochloromethane	9.518	129	62065	52.539	ug/l	96
61) 1,2-Dibromoethane	9.604	107	56493	51.502	ug/l	100
64) Tetrachloroethene	9.269	164	46316	48.522	ug/l	100
65) Chlorobenzene	10.079	112	147690	51.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50461	50.310	ug/l	100
67) Ethyl Benzene	10.189	91	273083	52.778	ug/l	99
68) m/p-Xylenes	10.299	106	199417	105.966	ug/l	99
69) o-Xylene	10.640	106	98029	52.878	ug/l	98
70) Styrene	10.652	104	165462	54.077	ug/l	99
71) Bromoform	10.799	173	38319	51.166	ug/l #	97
73) Isopropylbenzene	10.957	105	259729	50.706	ug/l	99
74) N-amyl acetate	10.841	43	126468	51.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84797	47.126	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	74432m	47.718	ug/l	
77) Bromobenzene	11.195	156	58590	49.505	ug/l	99
78) n-propylbenzene	11.299	91	303905	51.510	ug/l	99
79) 2-Chlorotoluene	11.360	91	188829	50.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221616	52.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19282	41.954	ug/l	98
82) 4-Chlorotoluene	11.451	91	216548	51.493	ug/l	100
83) tert-Butylbenzene	11.713	119	215949	51.497	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	221453	52.091	ug/l	100
85) sec-Butylbenzene	11.890	105	270261	52.473	ug/l	100
86) p-Isopropyltoluene	12.006	119	223731	52.689	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	108332	50.285	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	107223	49.093	ug/l	99
89) n-Butylbenzene	12.329	91	195269	53.031	ug/l	100
90) Hexachloroethane	12.536	117	37680	51.634	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	107347	50.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19101	50.758	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	62465	52.393	ug/l	99
94) Hexachlorobutadiene	13.725	225	24267	47.235	ug/l	98
95) Naphthalene	13.774	128	236297	53.259	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64026	51.286	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045839.D
Acq On : 17 Apr 2025 19:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

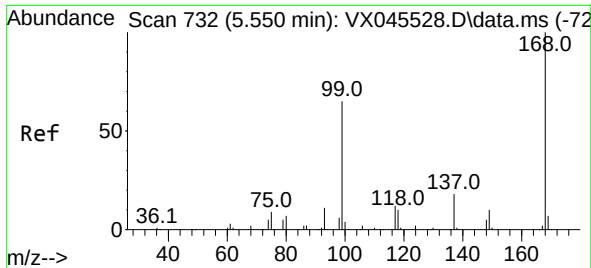
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 03:43:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

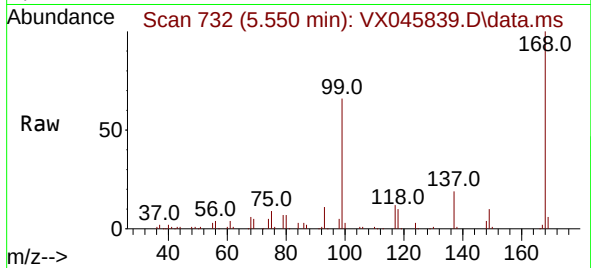
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

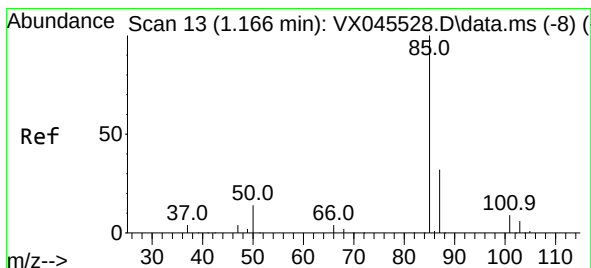
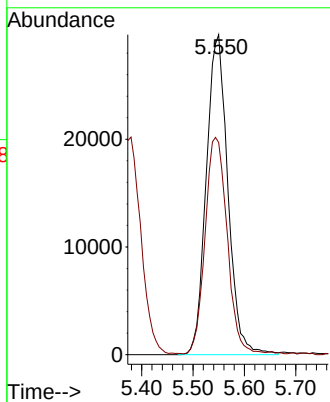
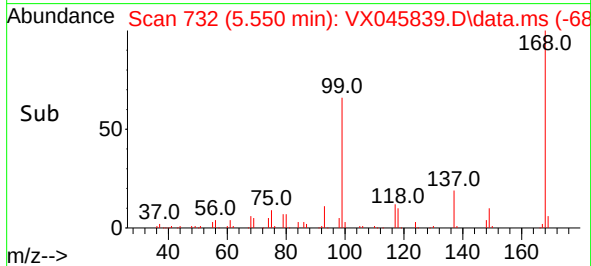
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 86580
Ion Ratio Lower Upper
168 100
99 65.9 52.3 78.5

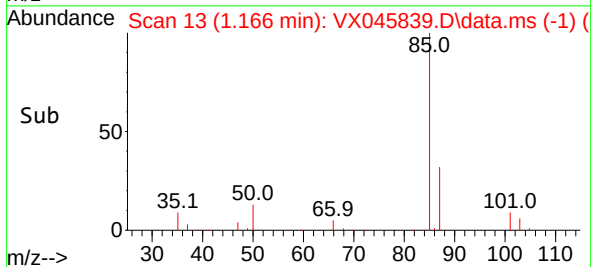
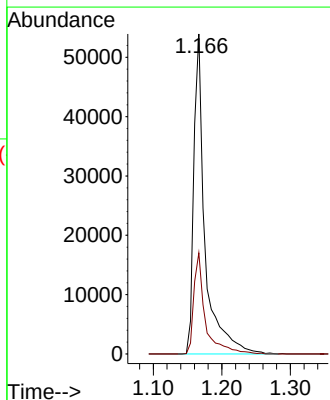
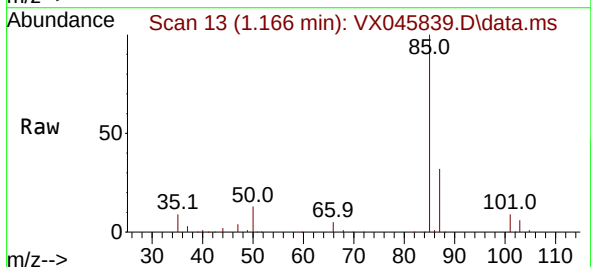
Manual Integrations
APPROVED

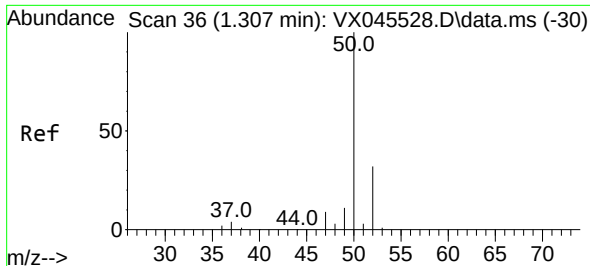
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#2
Dichlorodifluoromethane
Concen: 47.548 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 85 Resp: 61565
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2





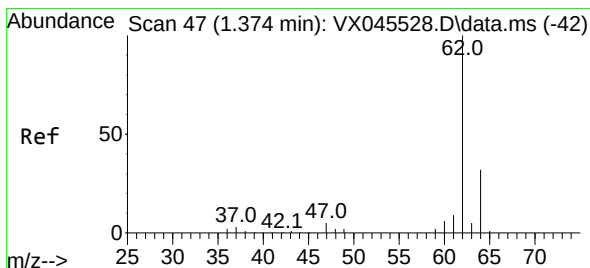
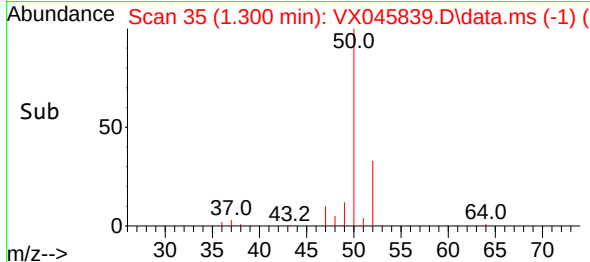
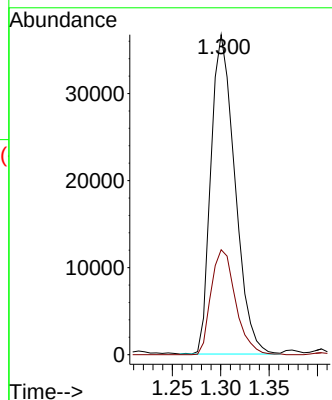
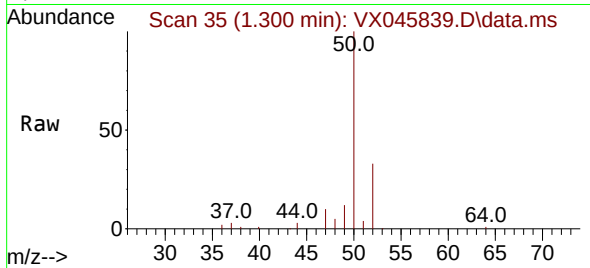
#3
Chloromethane
Concen: 47.746 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 6351
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

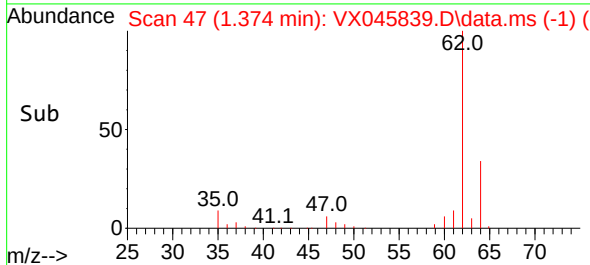
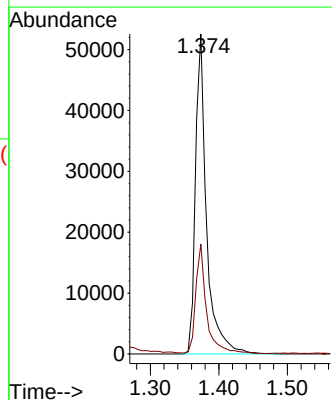
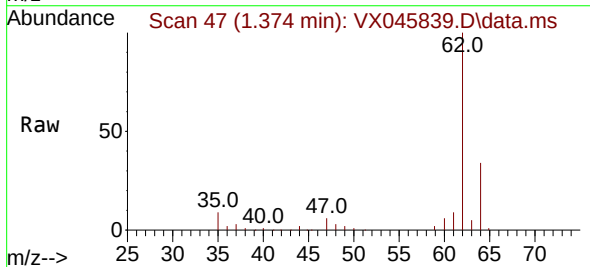
Manual Integrations
APPROVED

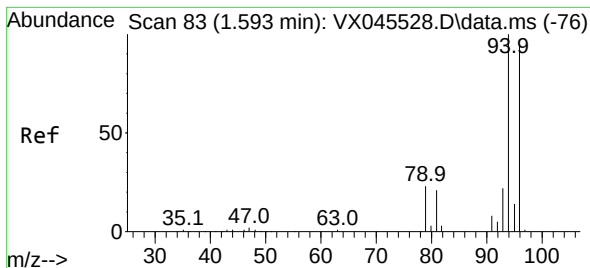
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#4
Vinyl Chloride
Concen: 48.395 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

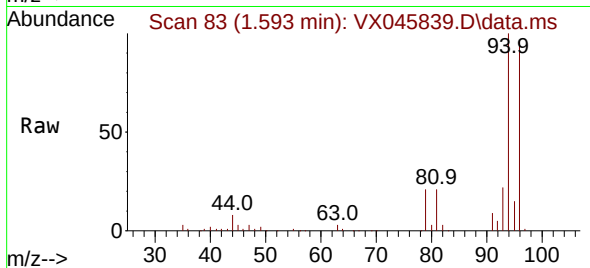
Tgt Ion: 62 Resp: 58914
Ion Ratio Lower Upper
62 100
64 34.1 25.5 38.3





#5
Bromomethane
Concen: 45.256 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

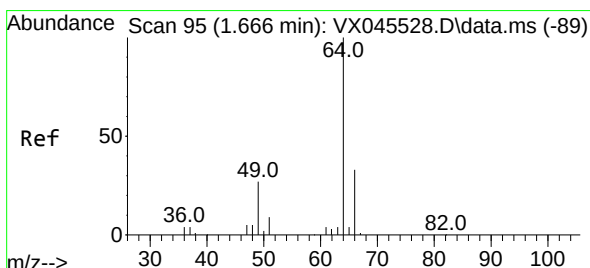
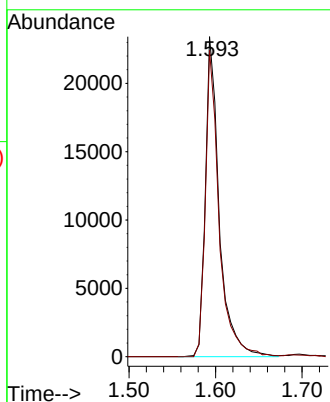
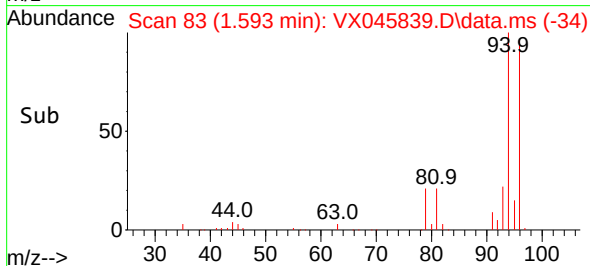
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 2612
Ion Ratio Lower Upper
94 100
96 95.7 74.8 112.2

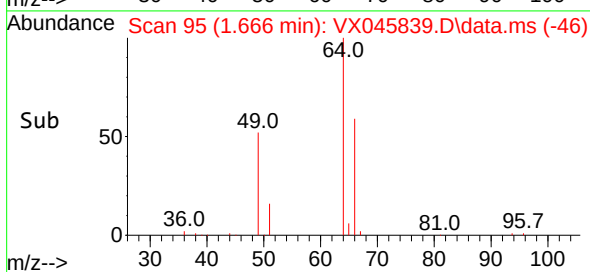
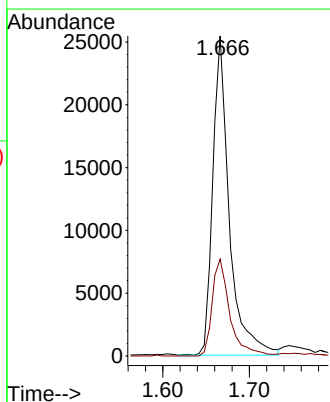
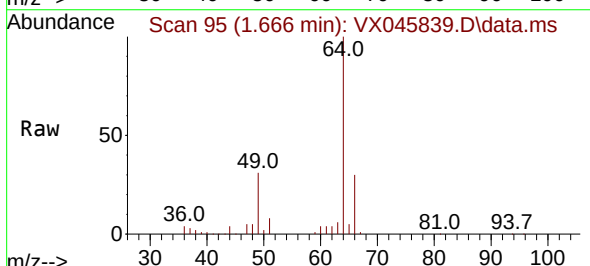
Manual Integrations
APPROVED

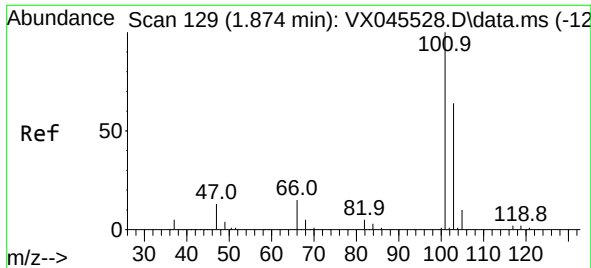
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#6
Chloroethane
Concen: 52.209 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

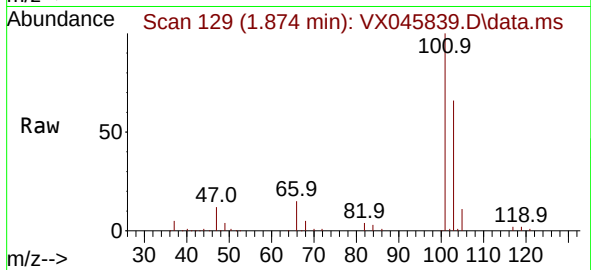
Tgt Ion: 64 Resp: 33720
Ion Ratio Lower Upper
64 100
66 30.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.722 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

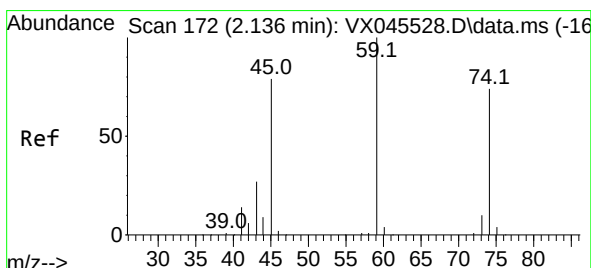
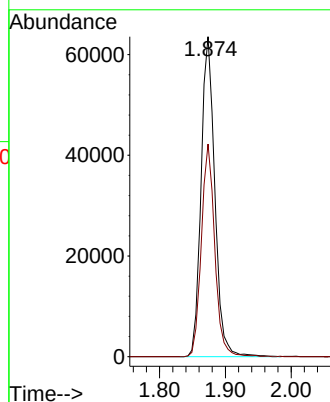
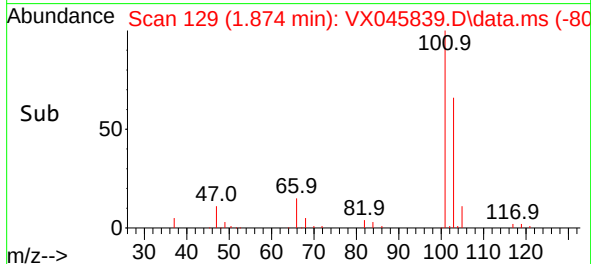
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 92070
Ion Ratio Lower Upper
101 100
103 66.5 51.1 76.7

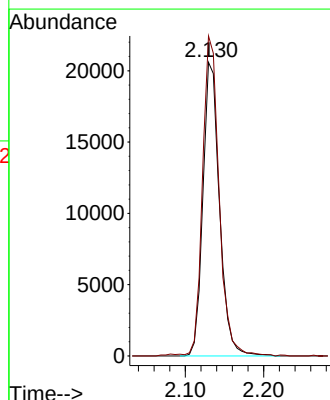
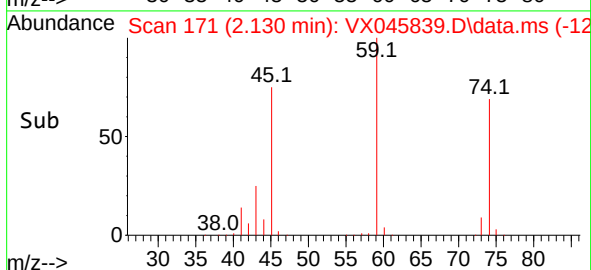
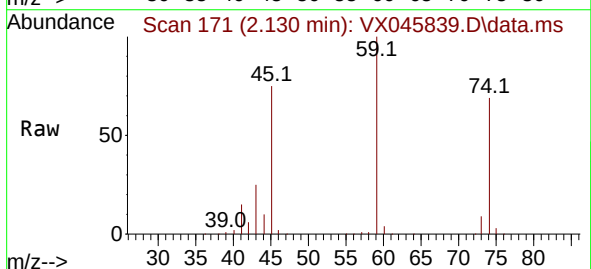
Manual Integrations
APPROVED

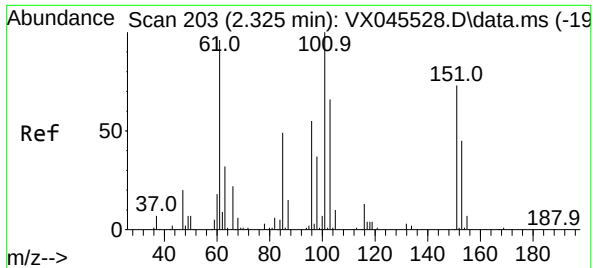
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#8
Diethyl Ether
Concen: 49.655 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 74 Resp: 30262
Ion Ratio Lower Upper
74 100
45 108.7 53.0 159.1





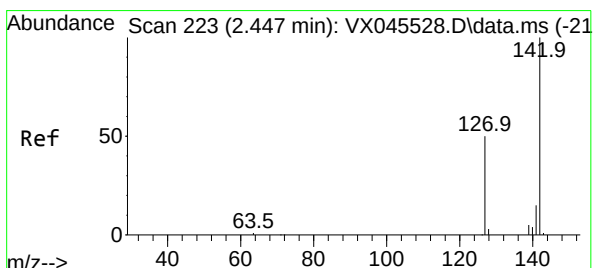
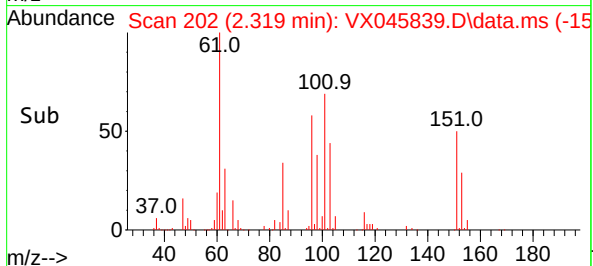
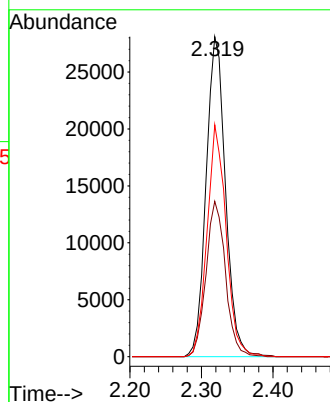
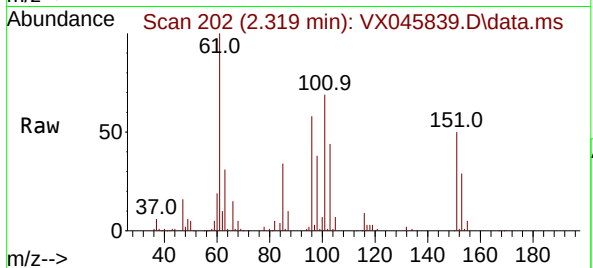
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.714 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5288
Ion Ratio Lower Upper
101 100
85 48.9 38.9 58.3
151 71.2 57.5 86.3

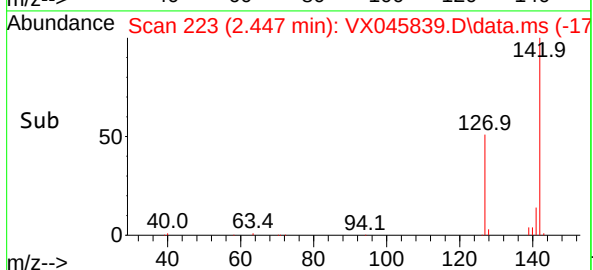
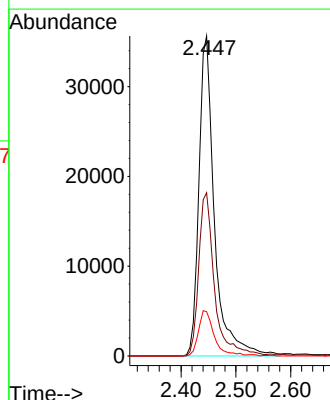
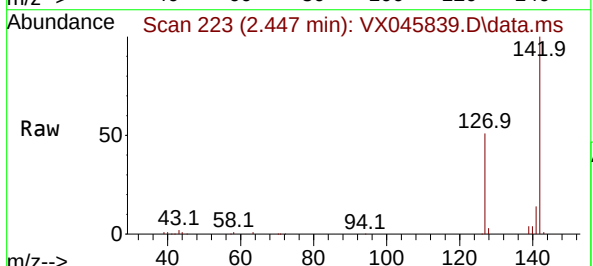
Manual Integrations
APPROVED

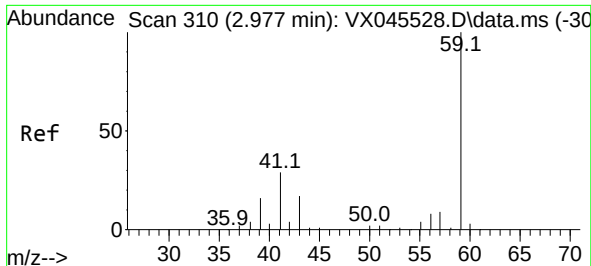
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#10
Methyl Iodide
Concen: 52.985 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

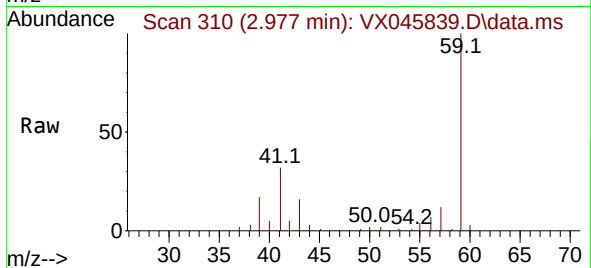
Tgt Ion:142 Resp: 70300
Ion Ratio Lower Upper
142 100
127 51.7 40.2 60.4
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 233.479 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

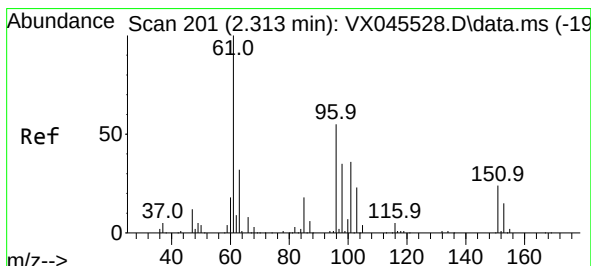
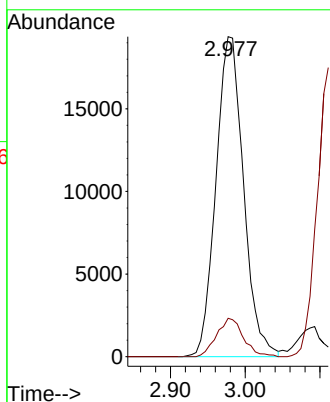
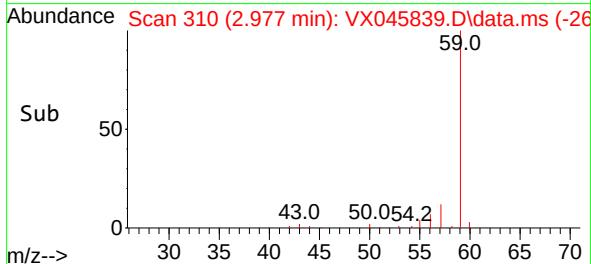
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 4968
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

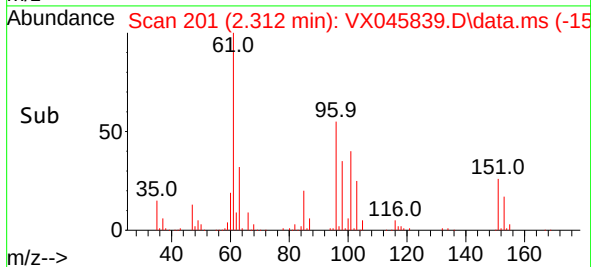
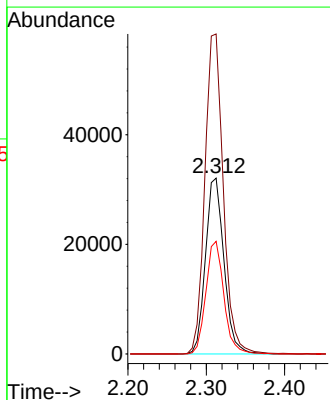
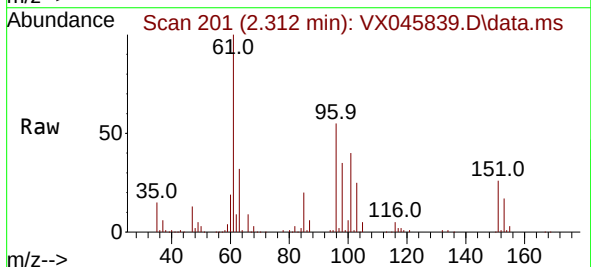
Manual Integrations
APPROVED

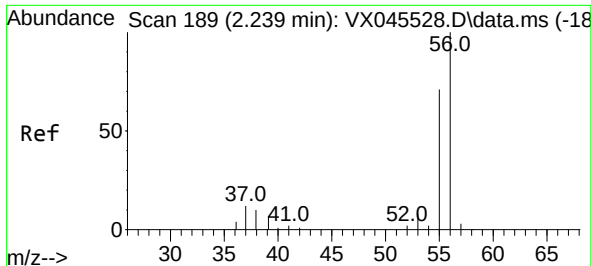
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#12
1,1-Dichloroethene
Concen: 50.550 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 96 Resp: 52541
Ion Ratio Lower Upper
96 100
61 182.0 145.7 218.5
98 64.0 51.6 77.4





#13

Acrolein

Concen: 205.057 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 60080

Ion Ratio Lower Upper

56 100

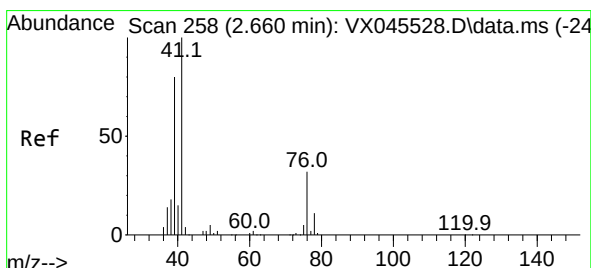
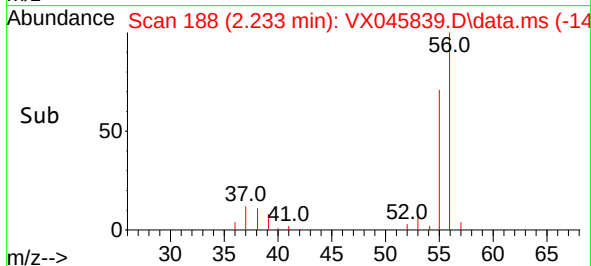
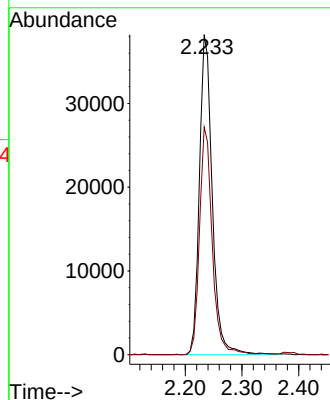
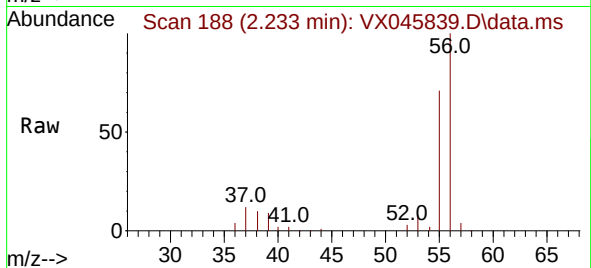
55 70.4 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#14

Allyl chloride

Concen: 49.082 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

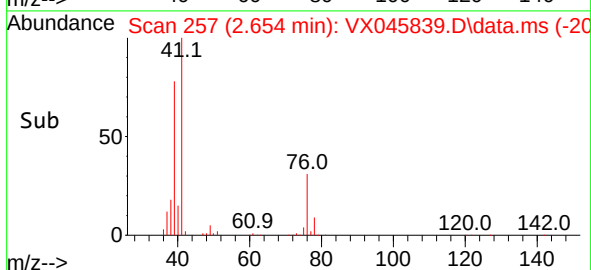
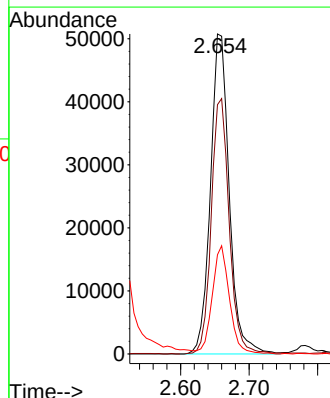
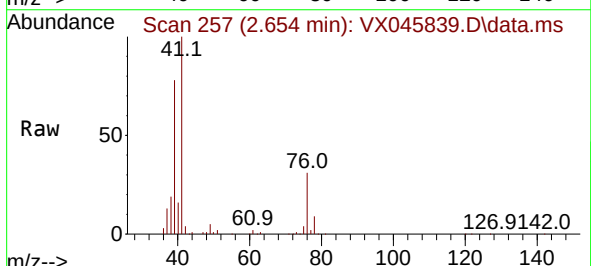
Tgt Ion: 41 Resp: 96797

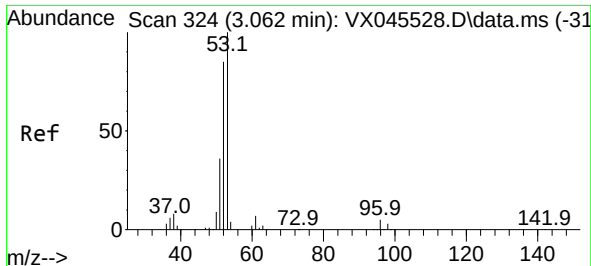
Ion Ratio Lower Upper

41 100

39 76.3 60.2 90.2

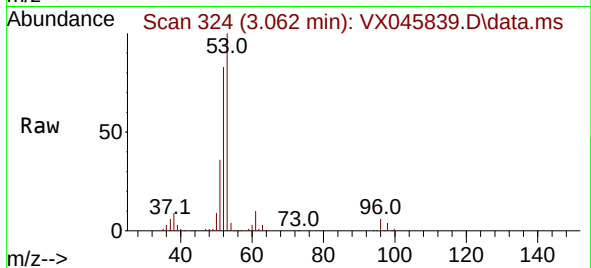
76 31.1 24.6 36.8





#15
Acrylonitrile
Concen: 240.180 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

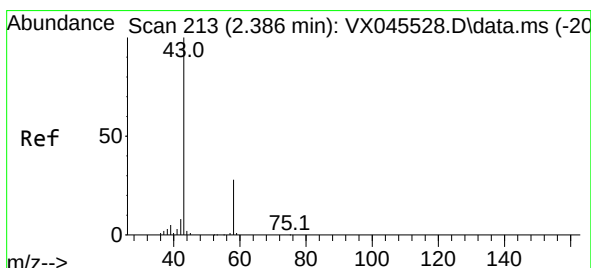
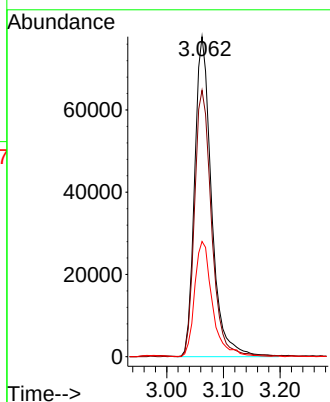
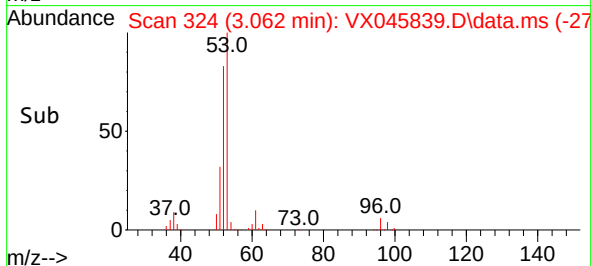
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 161320
Ion Ratio Lower Upper
53 100
52 84.3 67.4 101.2
51 37.6 29.9 44.9

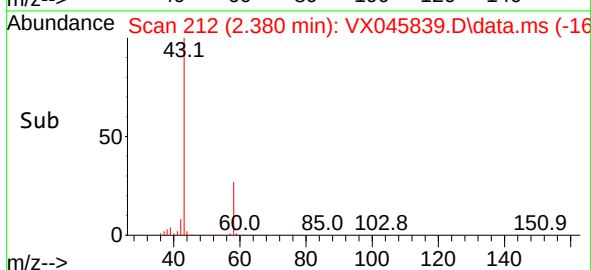
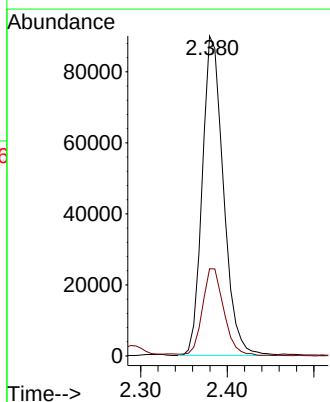
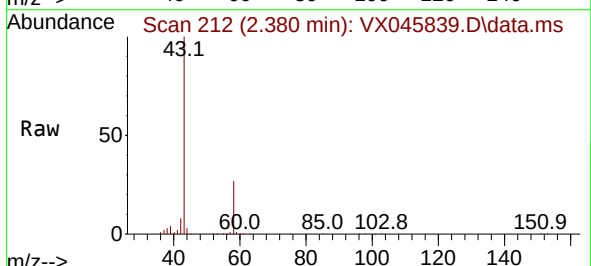
Manual Integrations
APPROVED

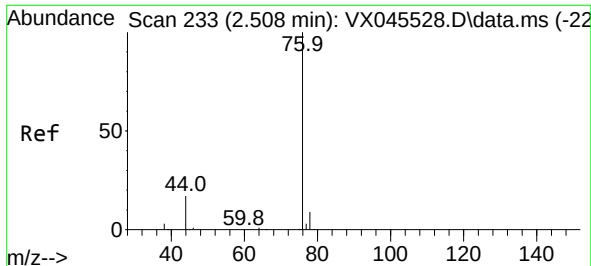
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#16
Acetone
Concen: 235.214 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 43 Resp: 152926
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 46.565 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 119538

Ion Ratio Lower Upper

76 100

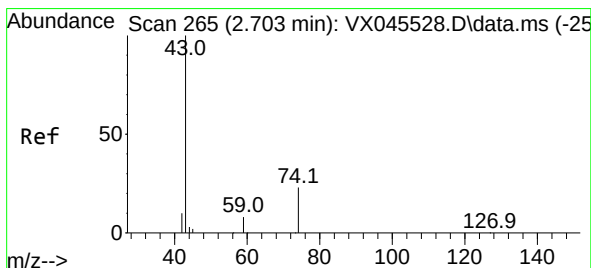
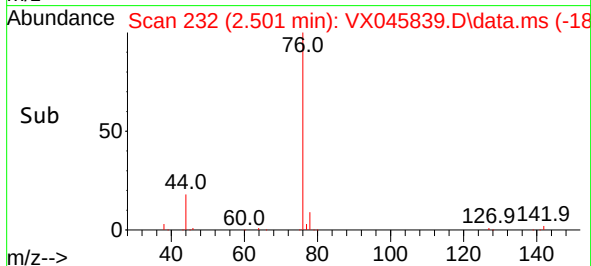
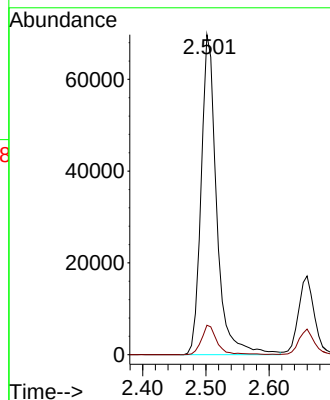
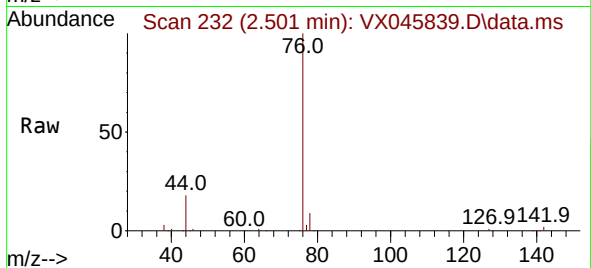
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#18

Methyl Acetate

Concen: 48.704 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045839.D

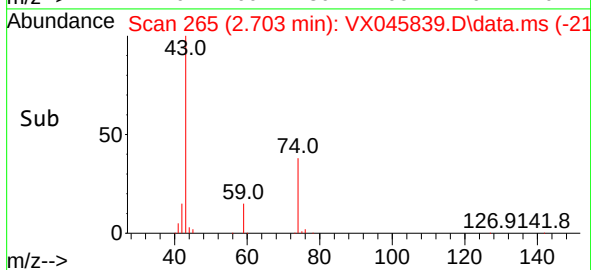
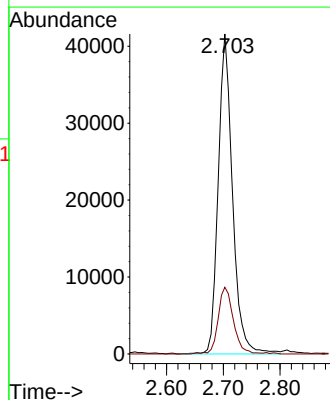
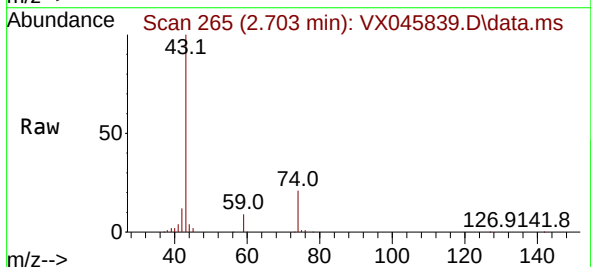
Acq: 17 Apr 2025 19:19

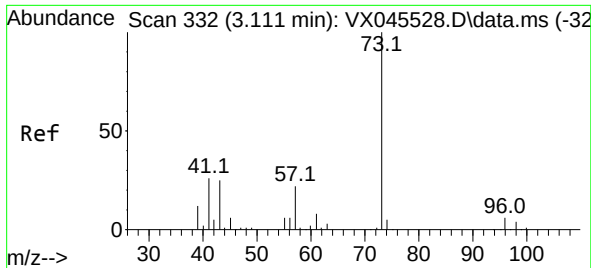
Tgt Ion: 43 Resp: 72905

Ion Ratio Lower Upper

43 100

74 22.2 17.5 26.3





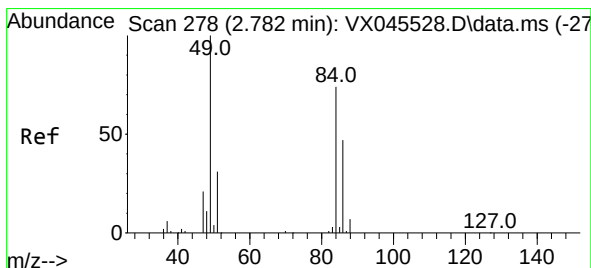
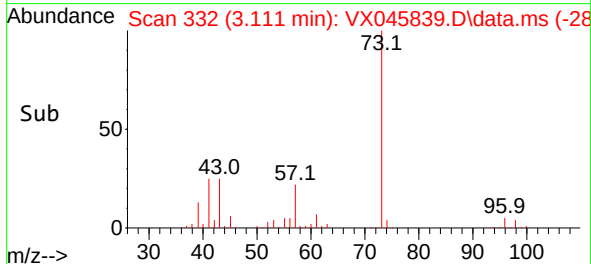
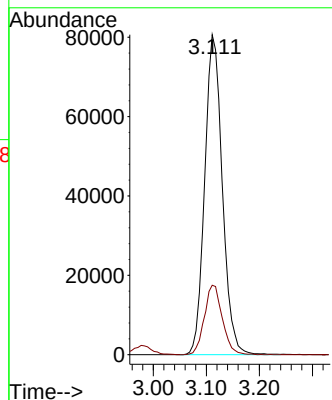
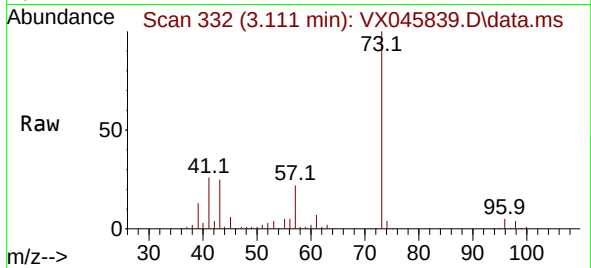
#19
Methyl tert-butyl Ether
Concen: 51.217 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18622
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

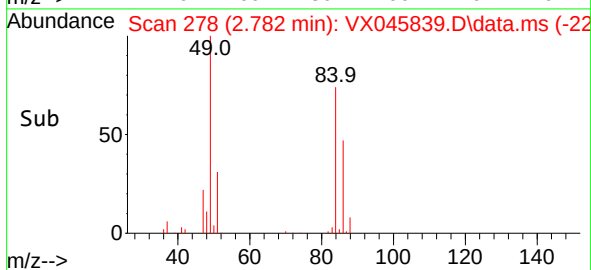
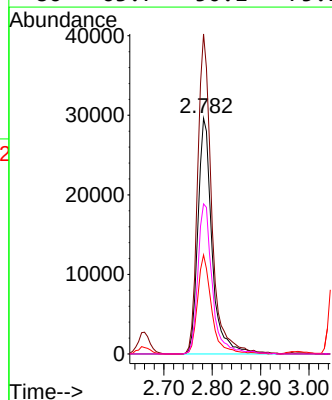
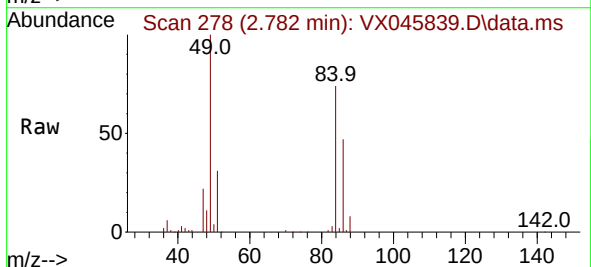
Manual Integrations
APPROVED

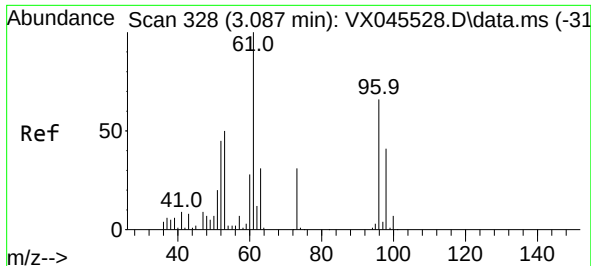
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#20
Methylene Chloride
Concen: 49.326 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

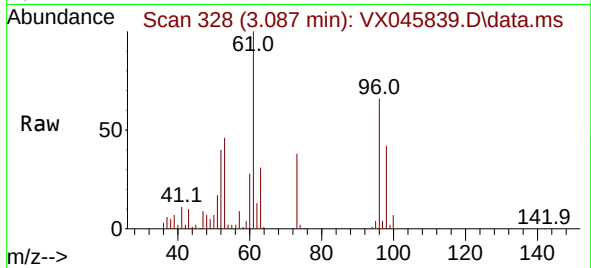
Tgt Ion: 84 Resp: 60038
Ion Ratio Lower Upper
84 100
49 135.8 107.5 161.3
51 42.0 33.0 49.6
86 63.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.597 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

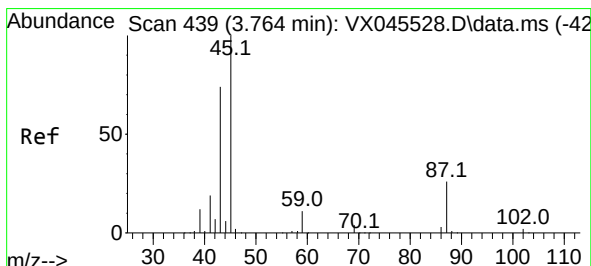
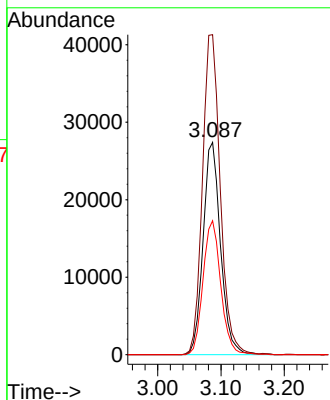
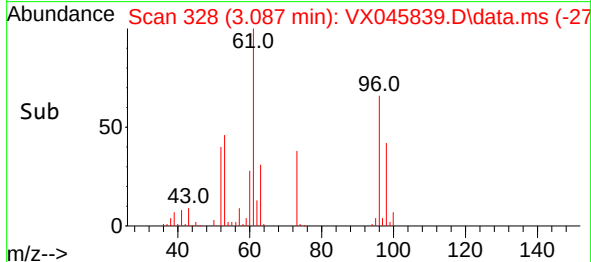
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



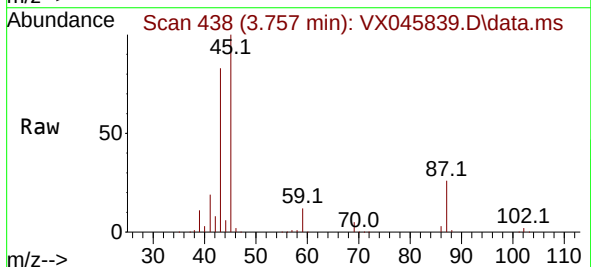
Tgt Ion: 96 Resp: 5266
Ion Ratio Lower Upper
96 100
61 150.7 121.0 181.6
98 63.1 49.7 74.5

Manual Integrations
APPROVED

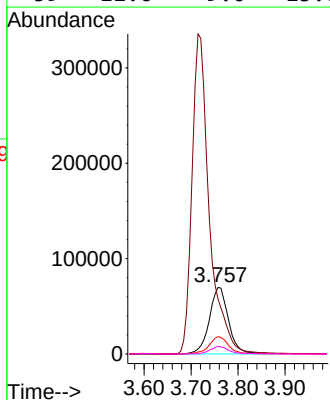
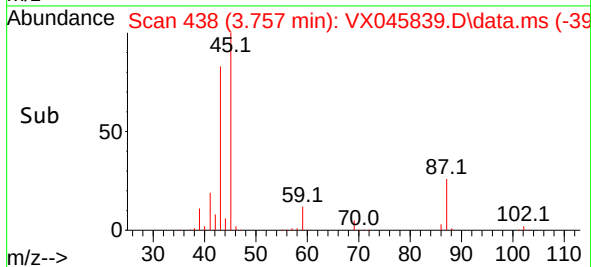
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

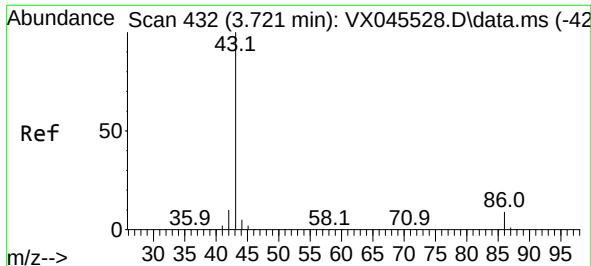


#22
Diisopropyl ether
Concen: 50.908 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19



Tgt Ion: 45 Resp: 197766
Ion Ratio Lower Upper
45 100
43 82.2 59.3 88.9
87 26.0 20.4 30.6
59 11.6 9.0 13.6





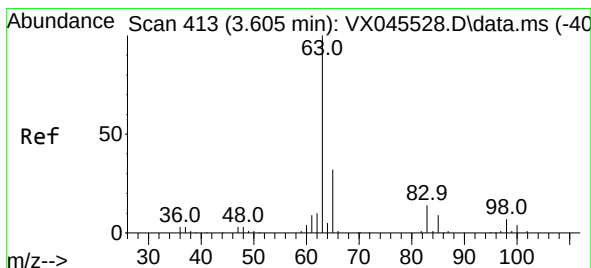
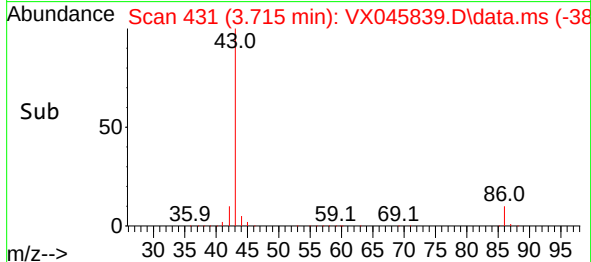
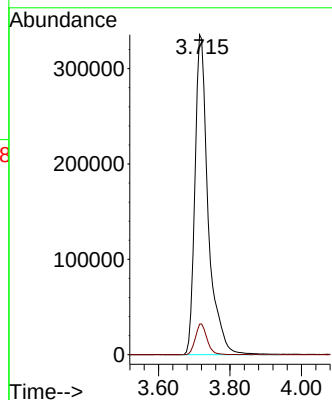
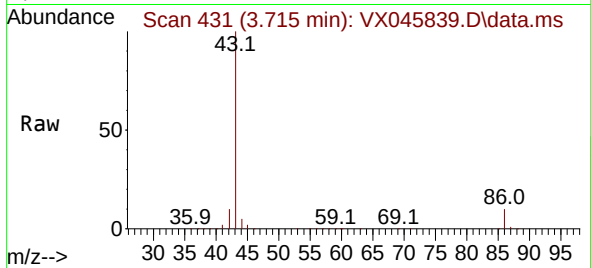
#23
 Vinyl Acetate
 Concen: 257.065 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045839.D
 Acq: 17 Apr 2025 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 86282
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

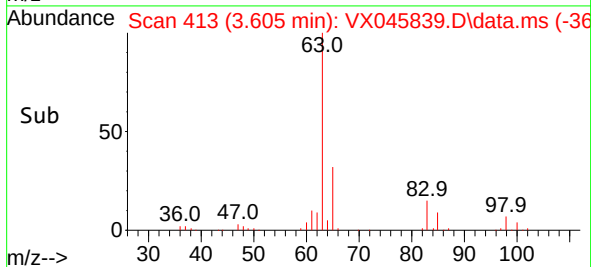
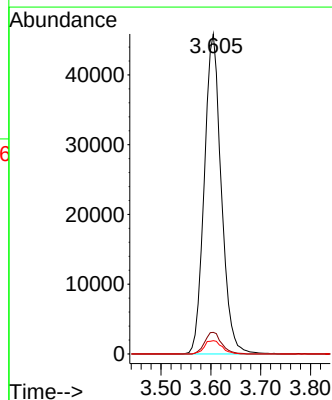
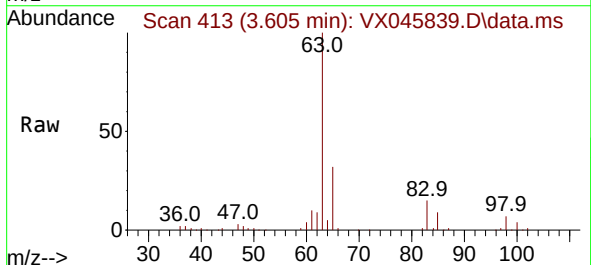
Manual Integrations
 APPROVED

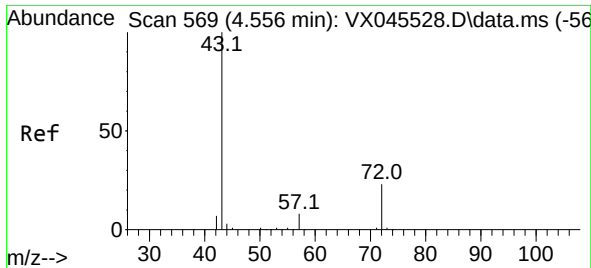
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#24
 1,1-Dichloroethane
 Concen: 49.411 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045839.D
 Acq: 17 Apr 2025 19:19

Tgt Ion: 63 Resp: 108557
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.2 2.2 6.6





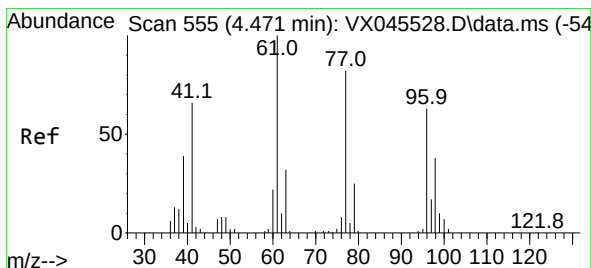
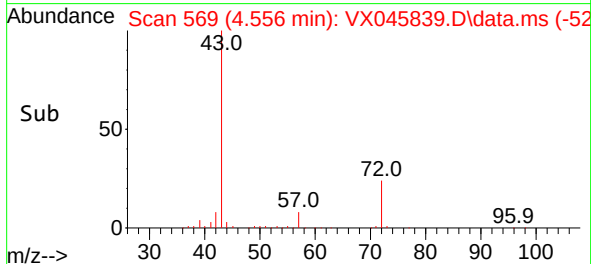
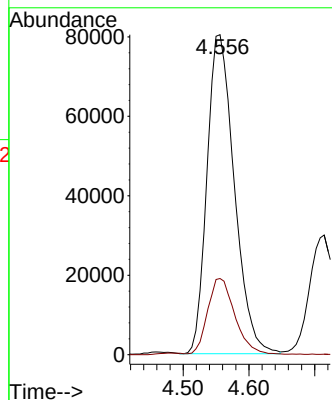
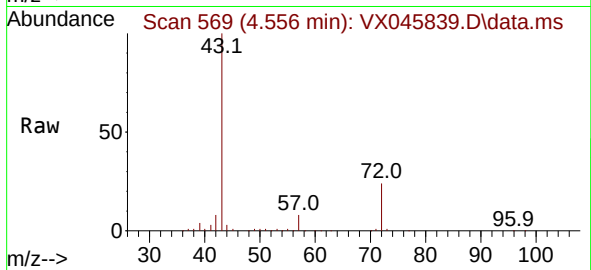
#25
2-Butanone
Concen: 243.964 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 232180
Ion Ratio Lower Upper
43 100
72 23.6 18.6 28.0

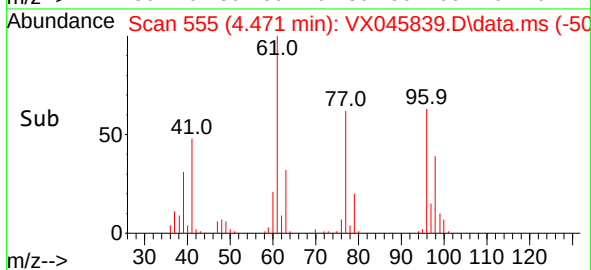
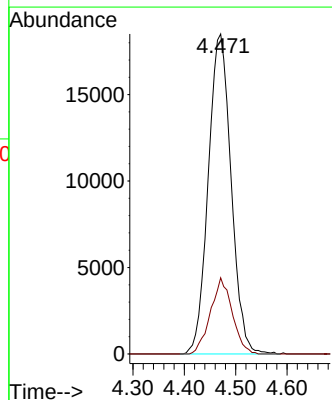
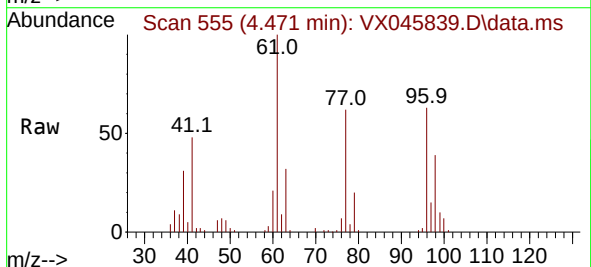
Manual Integrations
APPROVED

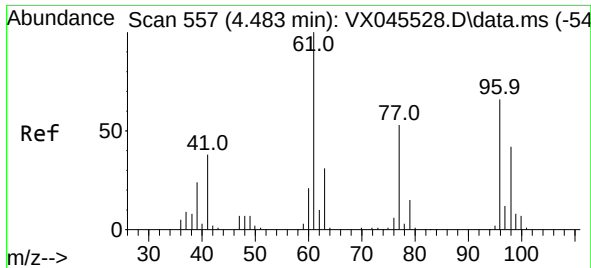
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#26
2,2-Dichloropropane
Concen: 40.240 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 77 Resp: 57119
Ion Ratio Lower Upper
77 100
97 22.7 10.6 31.8





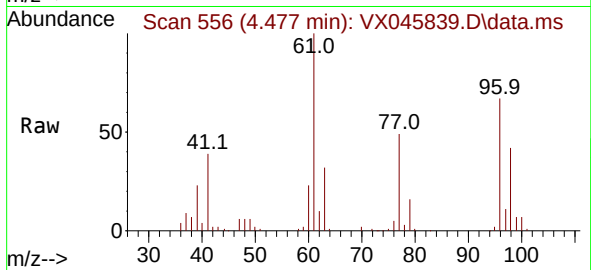
#27
 cis-1,2-Dichloroethene
 Concen: 49.551 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045839.D
 Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



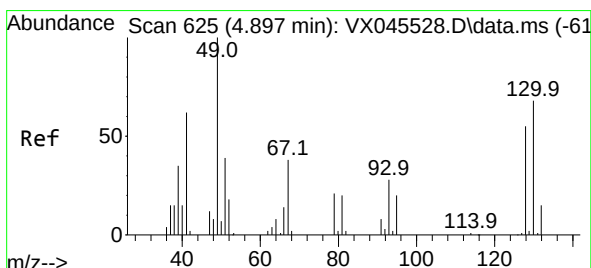
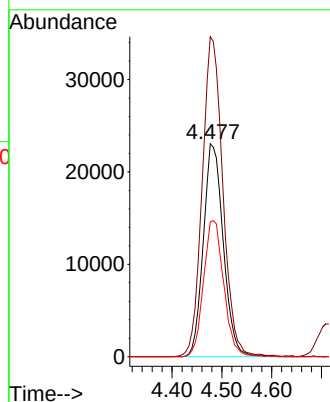
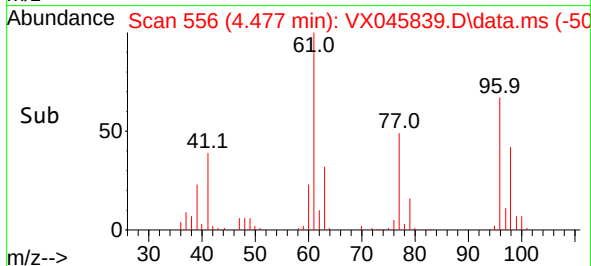
Tgt Ion: 96 Resp: 64104
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 313.2
 98 64.6 0.0 126.4

Manual Integrations

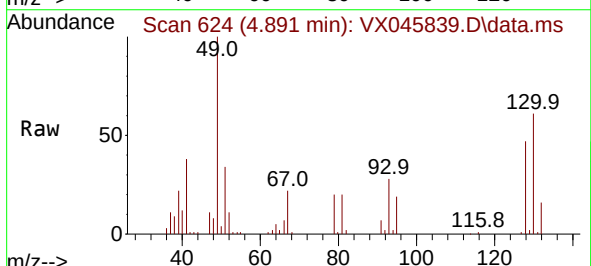
APPROVED

Reviewed By :John Carlone 04/18/2025

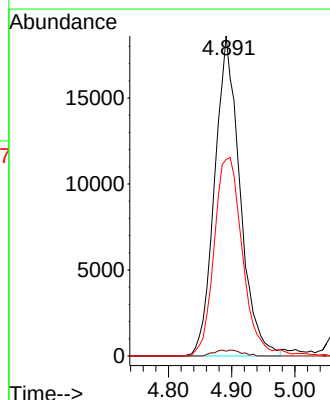
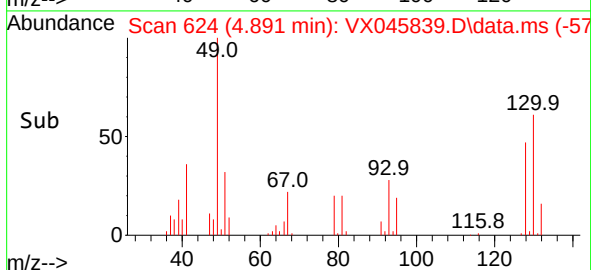
Supervised By :Mahesh Dadoda 04/18/2025

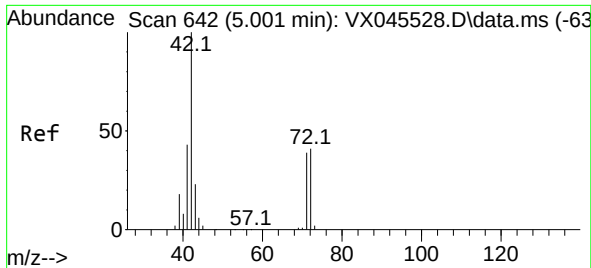


#28
 Bromochloromethane
 Concen: 48.692 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045839.D
 Acq: 17 Apr 2025 19:19



Tgt Ion: 49 Resp: 51696
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 69.3 54.6 81.8





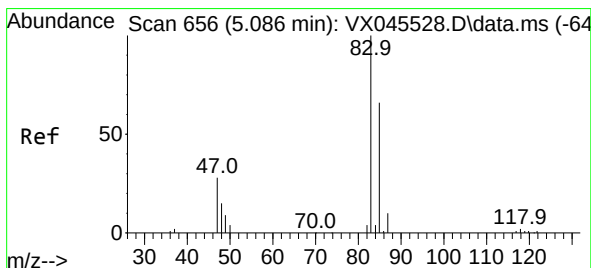
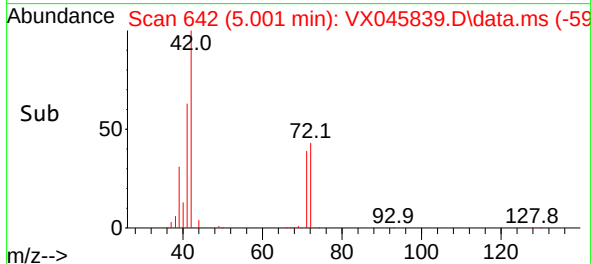
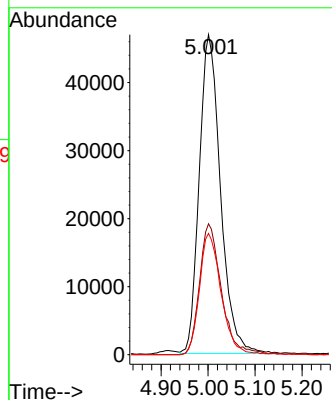
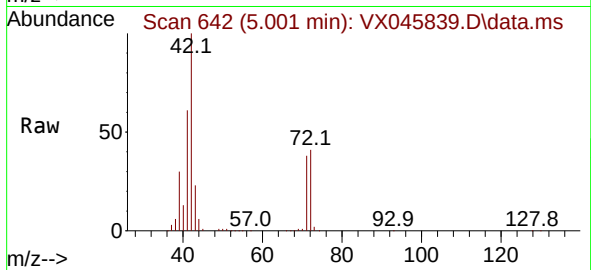
#29
Tetrahydrofuran
Concen: 238.749 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 147312
Ion Ratio Lower Upper
42 100
72 42.0 33.4 50.0
71 38.6 31.4 47.0

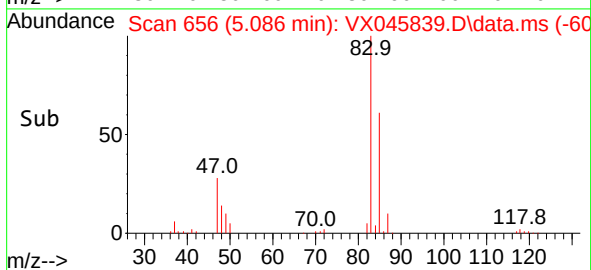
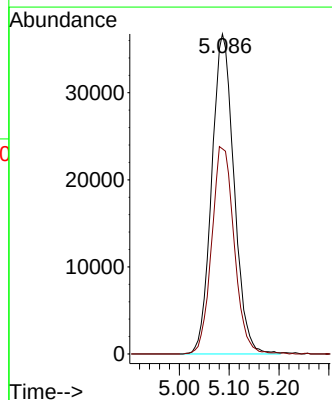
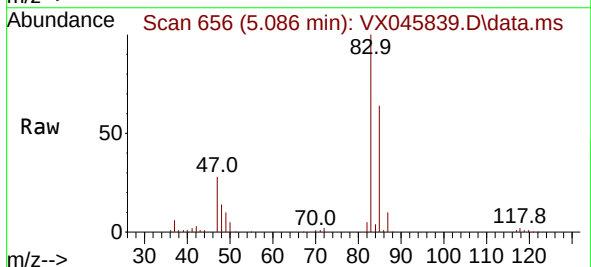
Manual Integrations
APPROVED

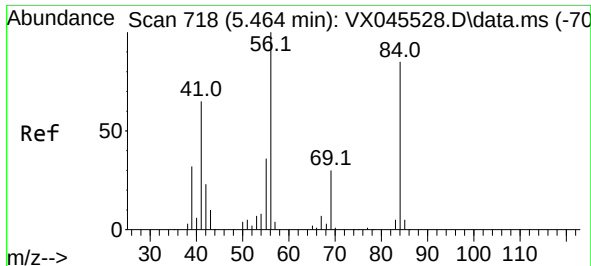
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#30
Chloroform
Concen: 50.455 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

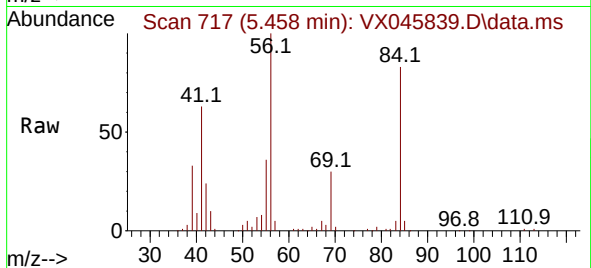
Tgt Ion: 83 Resp: 114062
Ion Ratio Lower Upper
83 100
85 64.1 52.8 79.2





#31
Cyclohexane
Concen: 51.468 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

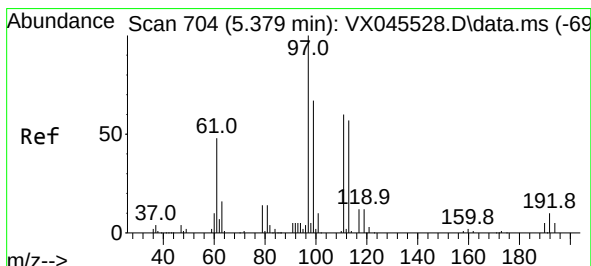
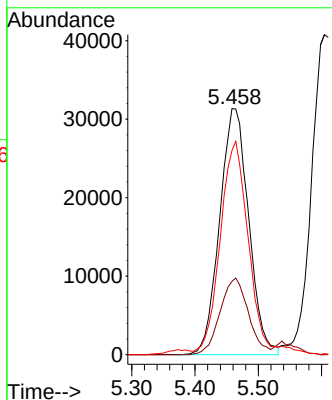
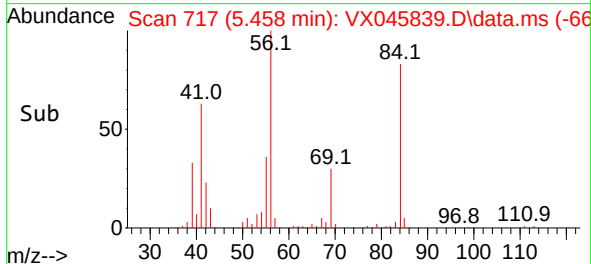
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 99964
Ion Ratio Lower Upper
56 100
69 29.8 23.6 35.4
84 80.9 67.7 101.5

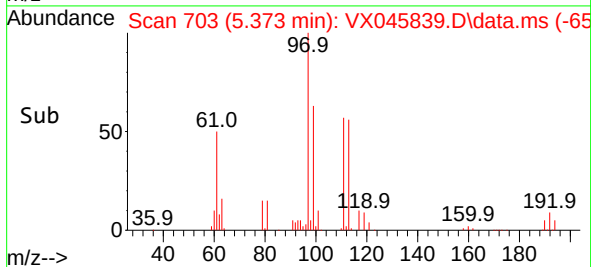
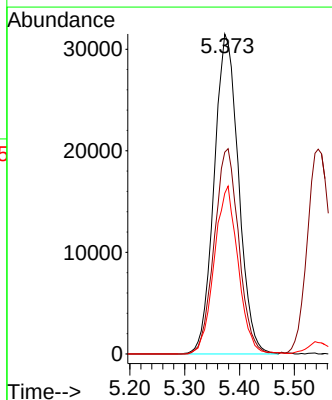
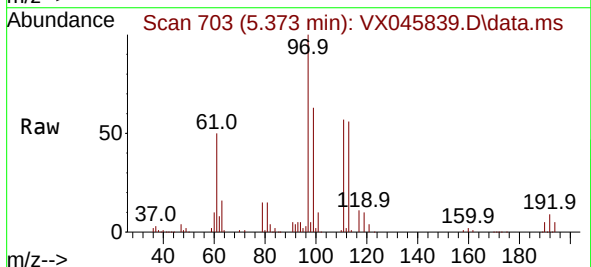
Manual Integrations
APPROVED

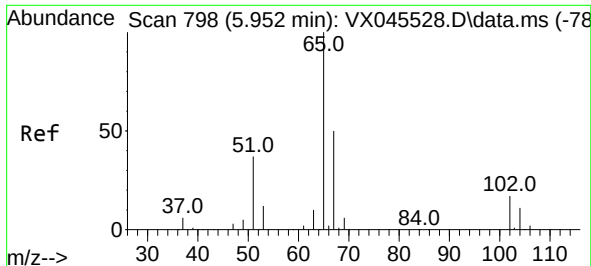
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#32
1,1,1-Trichloroethane
Concen: 50.947 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 97 Resp: 97456
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 51.5 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 51.758 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 81950

Ion Ratio Lower Upper

65 100

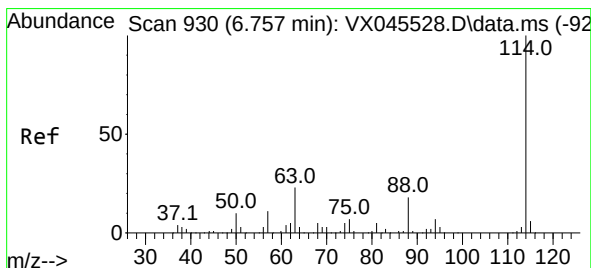
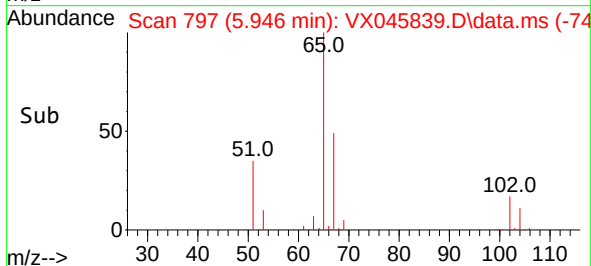
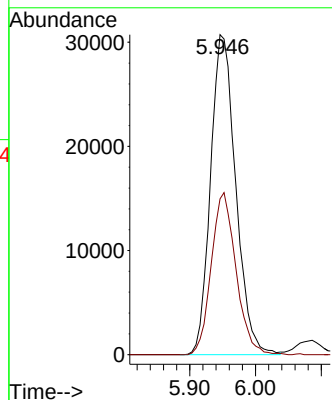
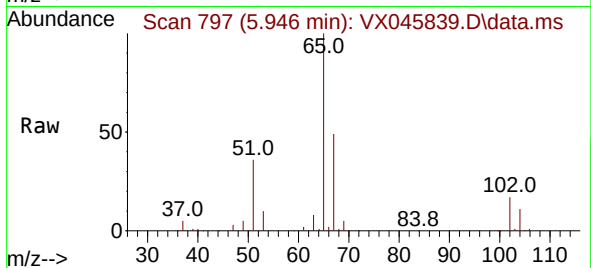
67 49.7 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

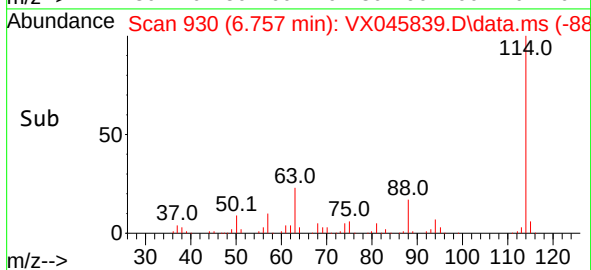
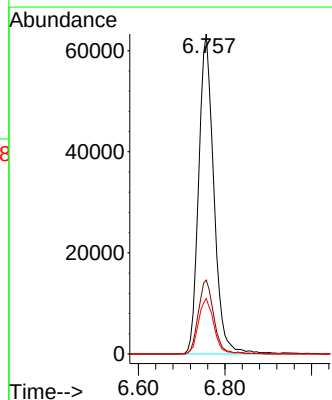
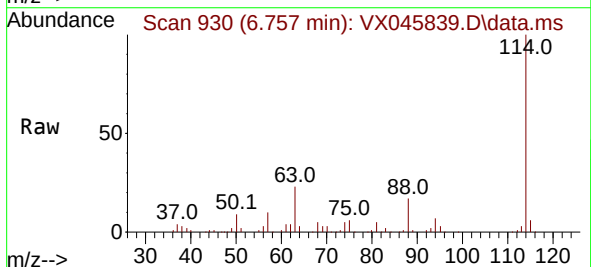
Tgt Ion:114 Resp: 153599

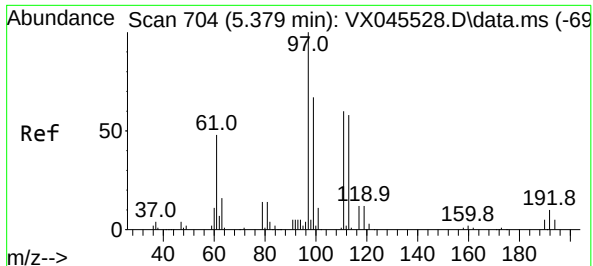
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.8

88 17.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.297 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

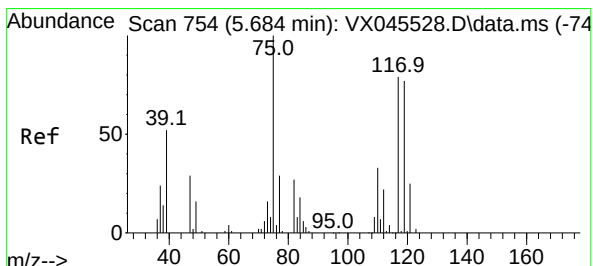
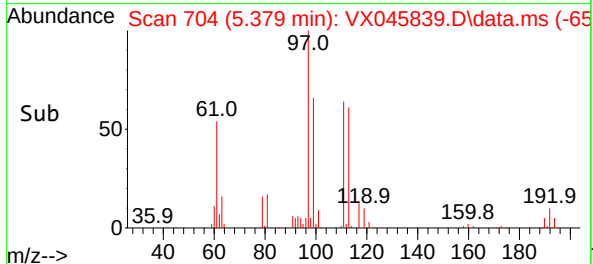
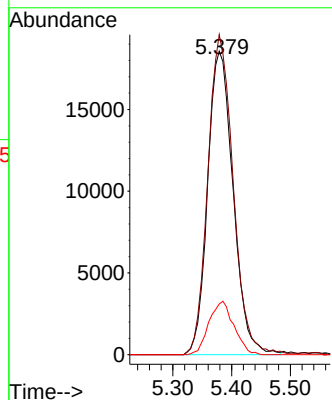
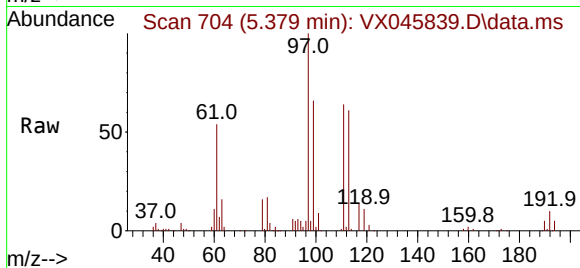
Tgt Ion:	113	Resp:	5590
Ion Ratio	Lower	Upper	
113	100		
111	105.1	81.8	122.6
192	17.3	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#36

1,1-Dichloropropene

Concen: 50.672 ug/l

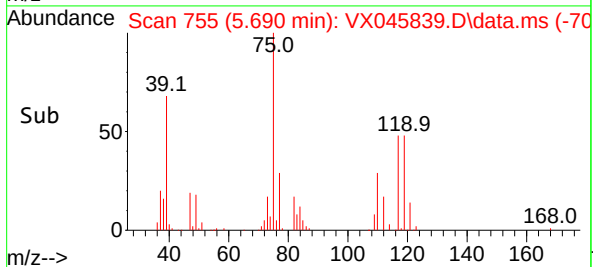
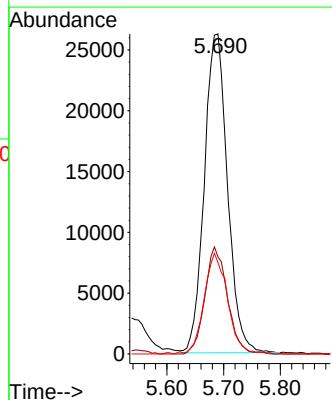
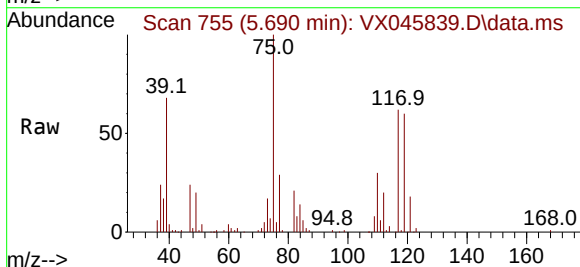
RT: 5.690 min Scan# 755

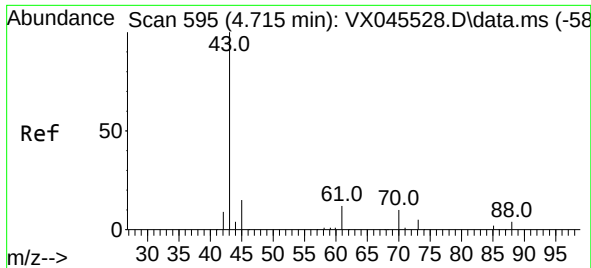
Delta R.T. 0.006 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

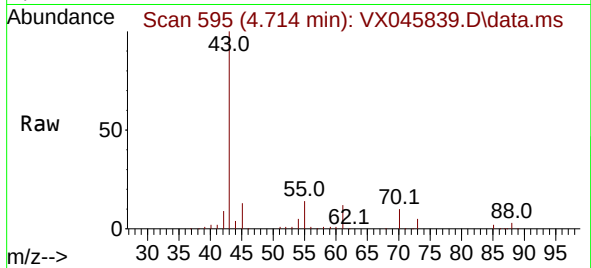
Tgt Ion:	75	Resp:	74561
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.9	50.6
77	31.8	25.0	37.4





#37
Ethyl Acetate
Concen: 48.277 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

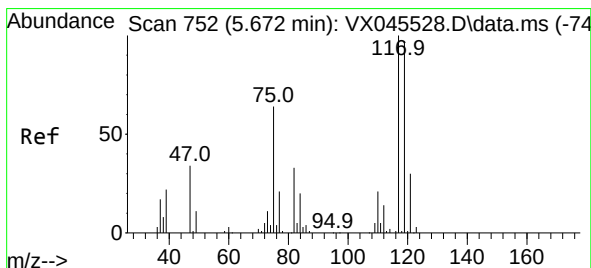
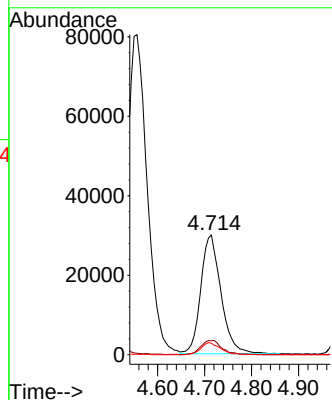
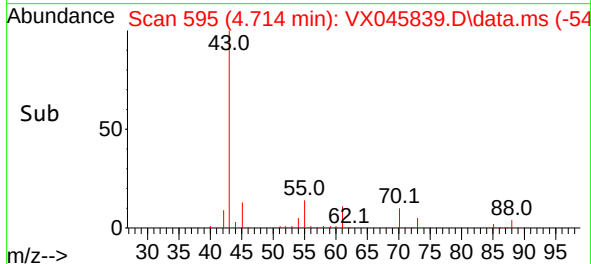
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 89520
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 9.7 7.5 11.3

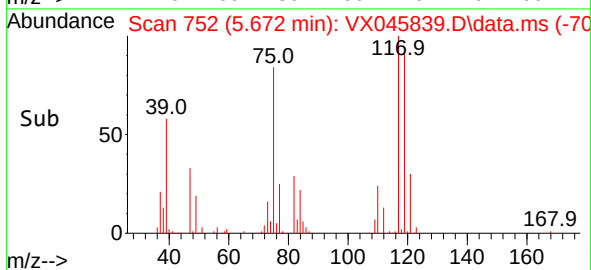
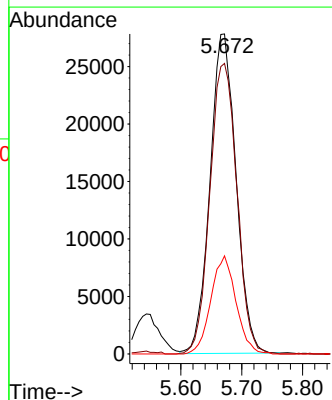
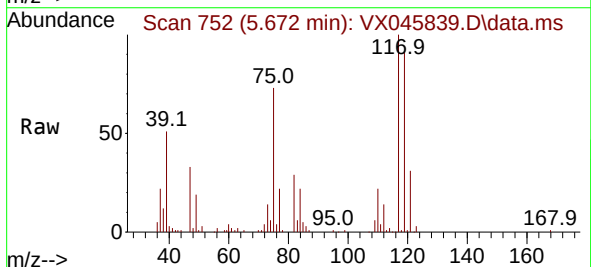
Manual Integrations
APPROVED

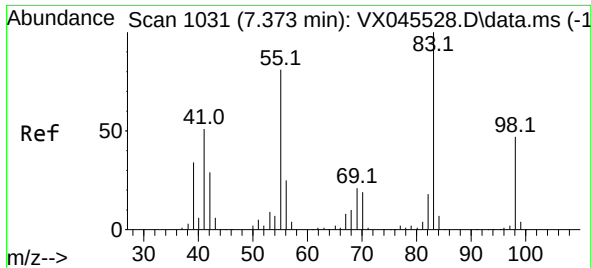
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#38
Carbon Tetrachloride
Concen: 51.853 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion:117 Resp: 82459
Ion Ratio Lower Upper
117 100
119 91.1 76.9 115.3
121 30.8 24.2 36.2





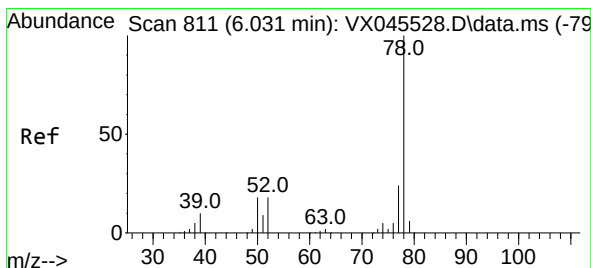
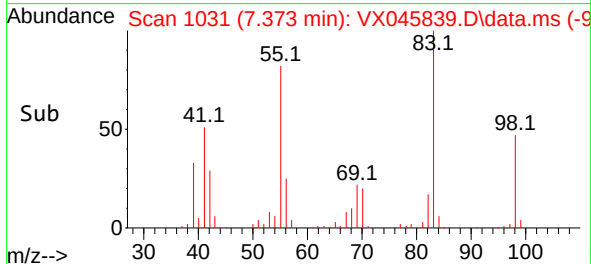
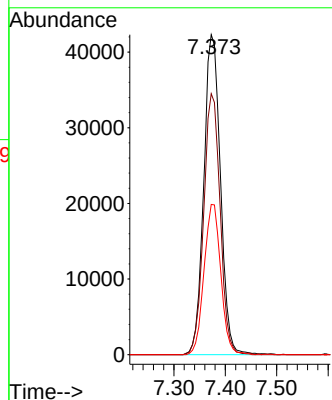
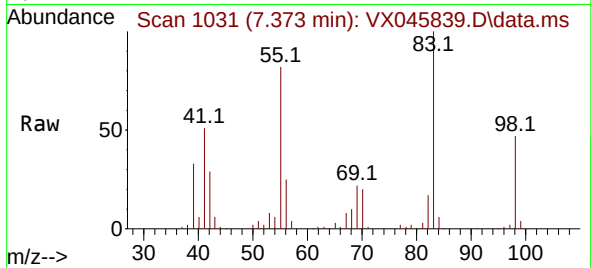
#39
Methylcyclohexane
Concen: 52.877 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 95374
Ion Ratio Lower Upper
83 100
55 81.5 64.9 97.3
98 46.9 37.4 56.0

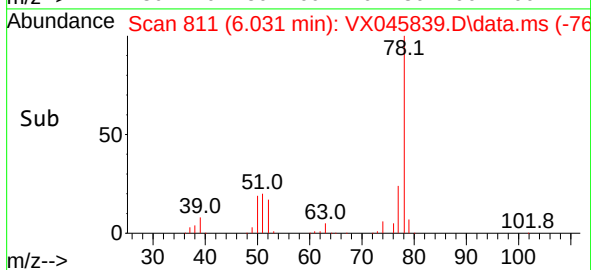
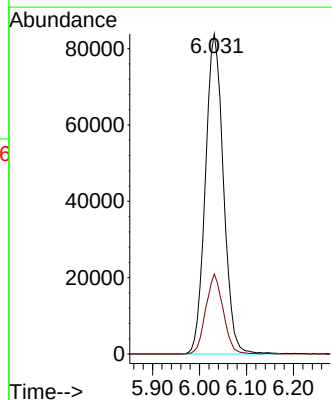
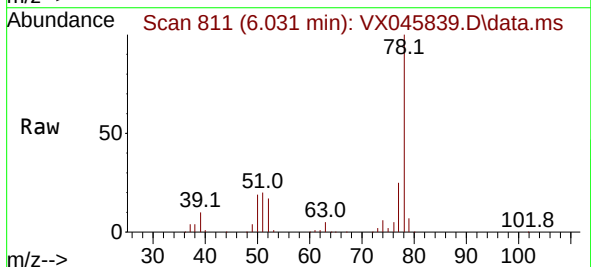
Manual Integrations
APPROVED

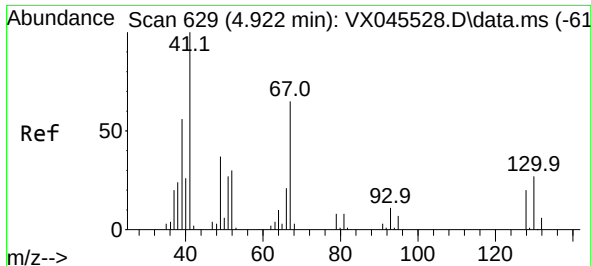
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#40
Benzene
Concen: 49.725 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

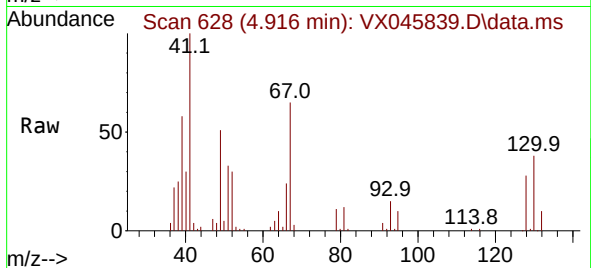
Tgt Ion: 78 Resp: 223458
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6





#41
Methacrylonitrile
Concen: 52.731 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

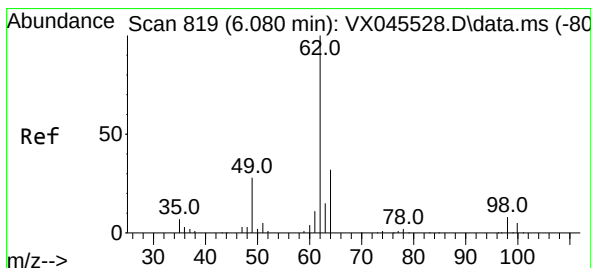
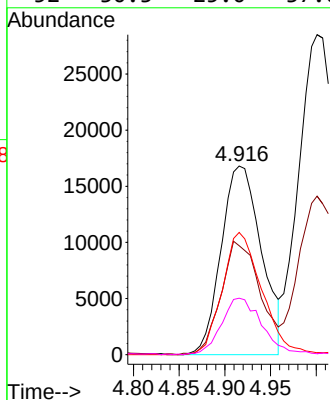
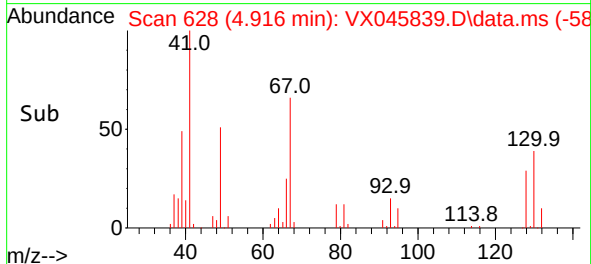
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5159
Ion Ratio Lower Upper
41 100
39 58.1 47.0 70.6
67 64.0 53.2 79.8
52 30.3 25.0 37.6

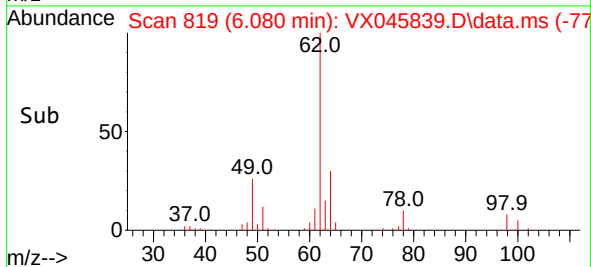
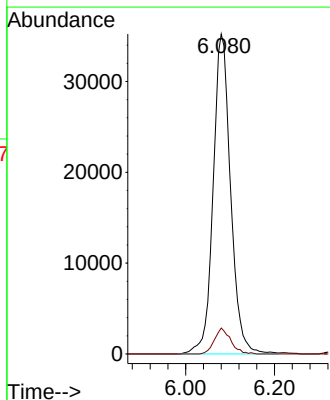
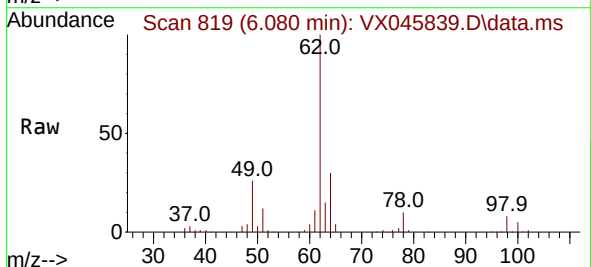
Manual Integrations
APPROVED

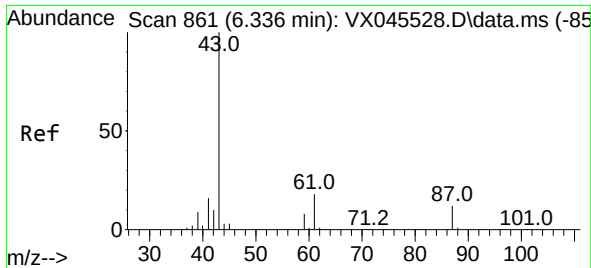
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#42
1,2-Dichloroethane
Concen: 51.660 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

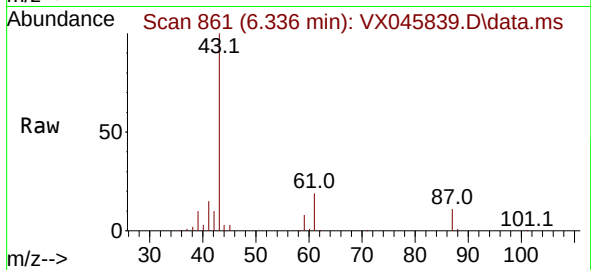
Tgt Ion: 62 Resp: 95885
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 51.342 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

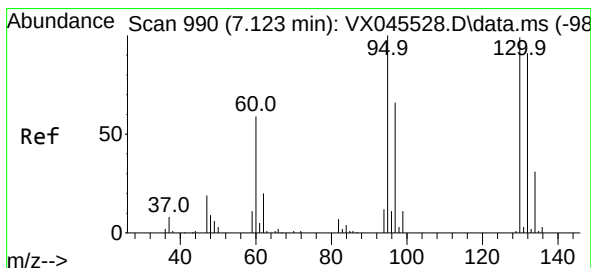
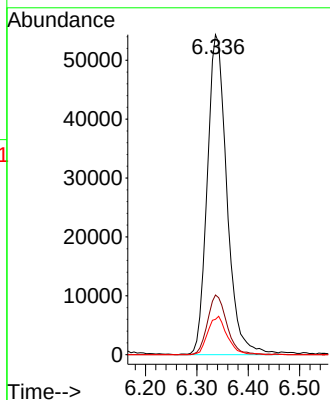
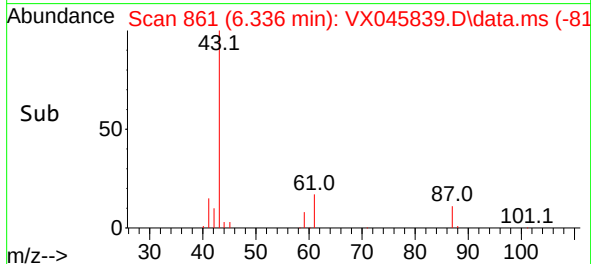
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



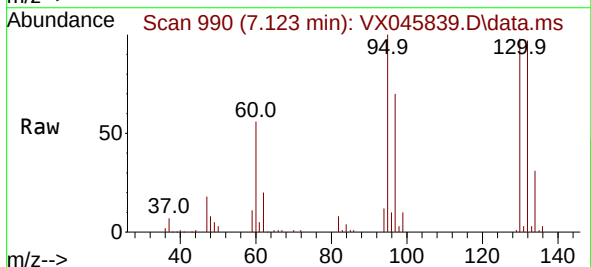
Tgt Ion: 43 Resp: 144293
Ion Ratio Lower Upper
43 100
61 18.3 14.1 21.1
87 11.8 9.2 13.8

Manual Integrations
APPROVED

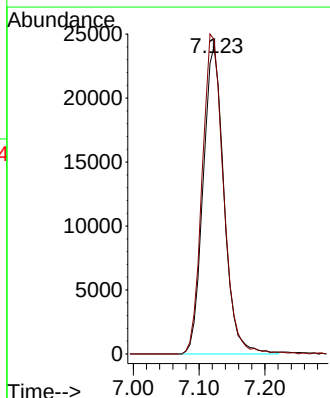
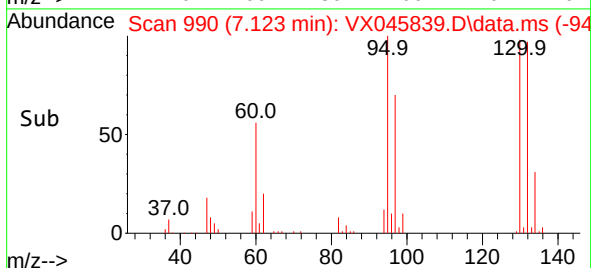
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

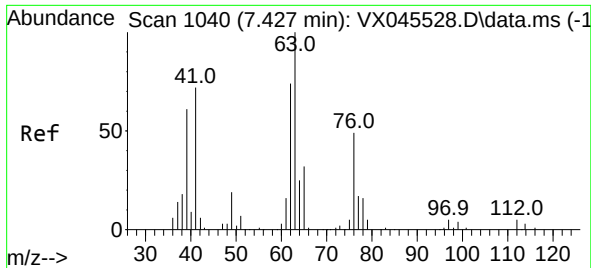


#44
Trichloroethene
Concen: 49.802 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19



Tgt Ion:130 Resp: 53195
Ion Ratio Lower Upper
130 100
95 102.3 0.0 202.0





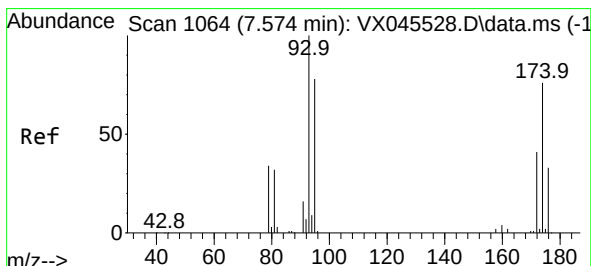
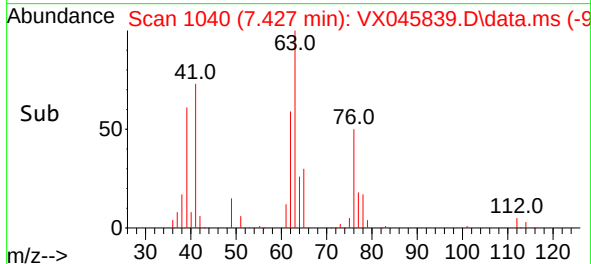
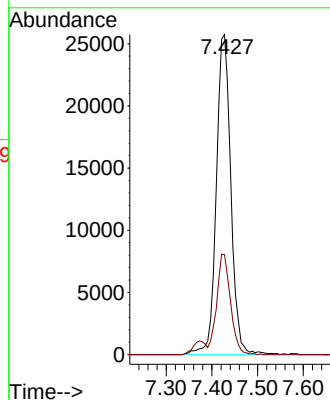
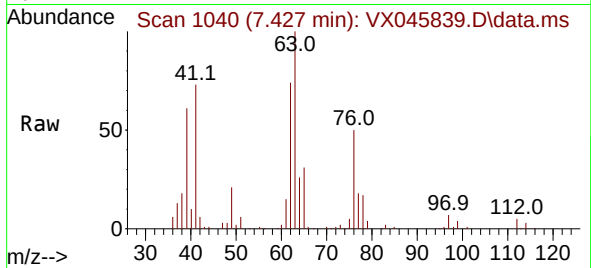
#45
1,2-Dichloropropane
Concen: 50.786 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 5694
Ion Ratio Lower Upper
63 100
65 31.3 25.8 38.6

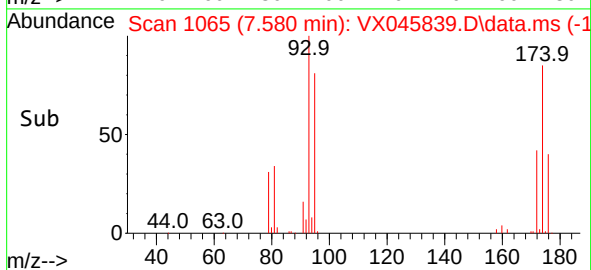
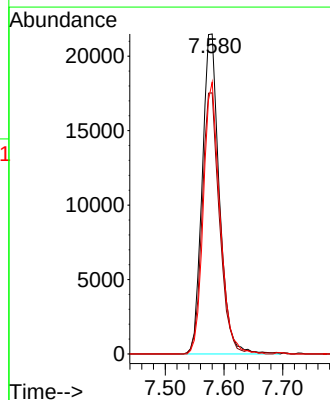
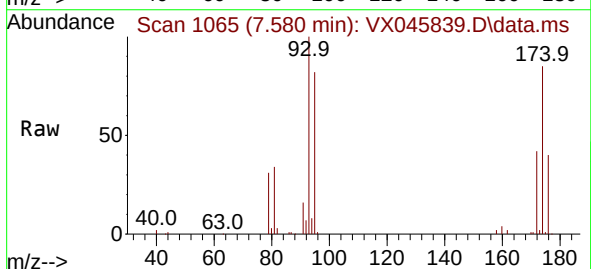
Manual Integrations
APPROVED

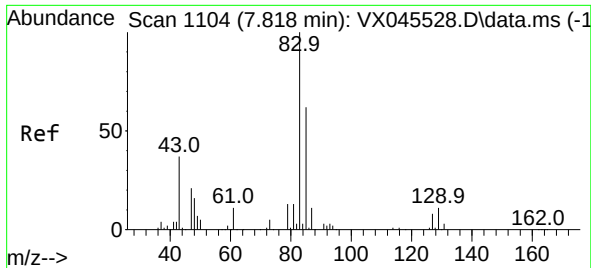
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#46
Dibromomethane
Concen: 50.766 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 93 Resp: 43696
Ion Ratio Lower Upper
93 100
95 82.2 64.8 97.2
174 82.2 65.4 98.0





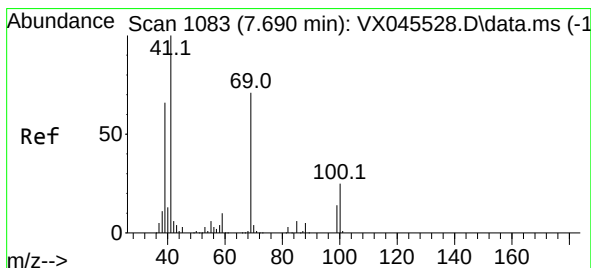
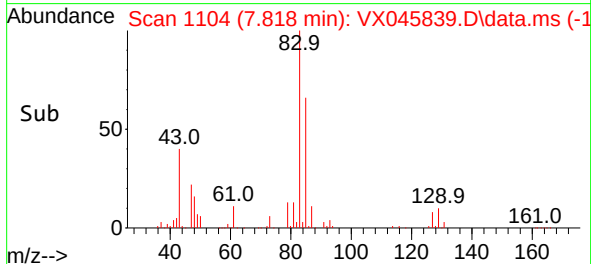
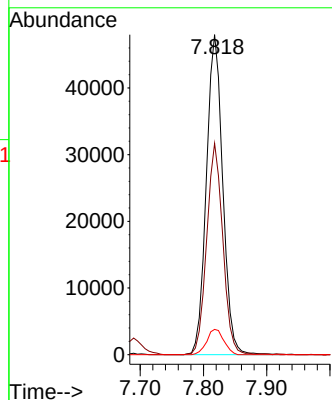
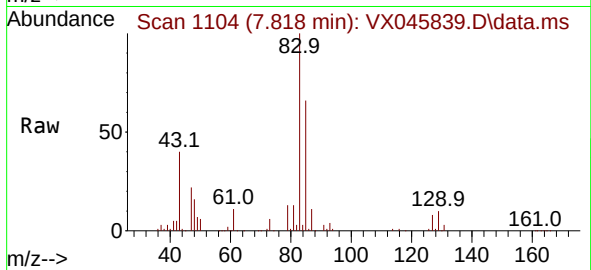
#47
Bromodichloromethane
Concen: 50.297 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8645
Ion Ratio Lower Upper
83 100
85 66.0 49.7 74.5
127 7.9 6.1 9.1

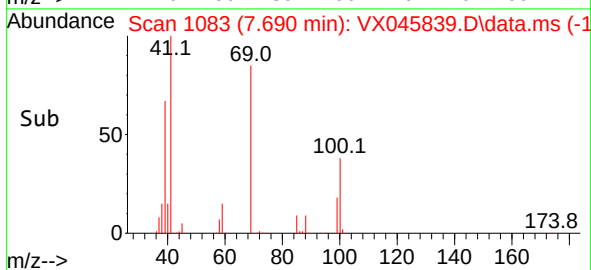
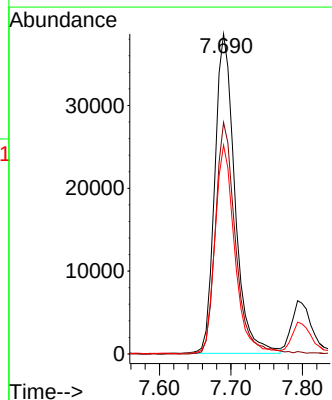
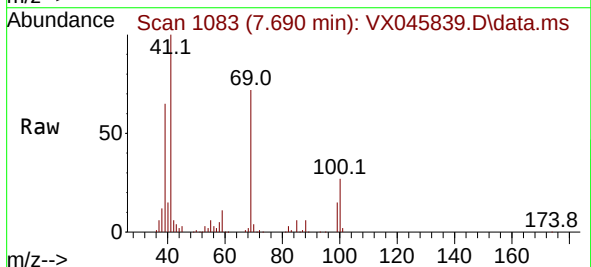
Manual Integrations
APPROVED

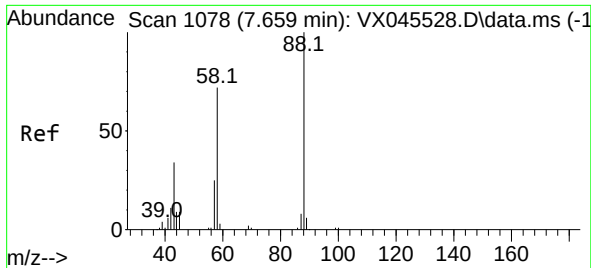
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#48
Methyl methacrylate
Concen: 51.716 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 41 Resp: 75045
Ion Ratio Lower Upper
41 100
69 72.1 58.2 87.2
39 65.0 53.6 80.4





#49

1,4-Dioxane

Concen: 1002.173 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2631

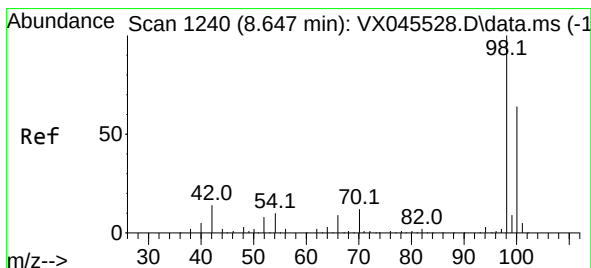
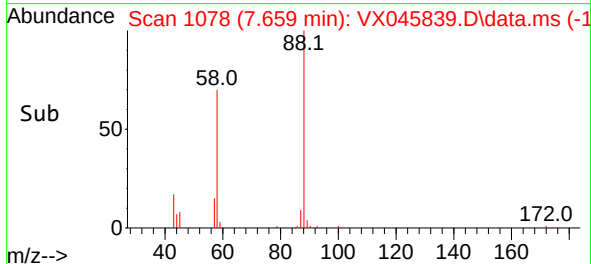
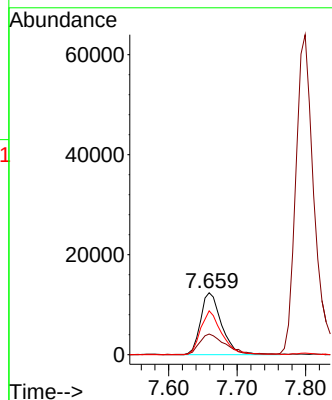
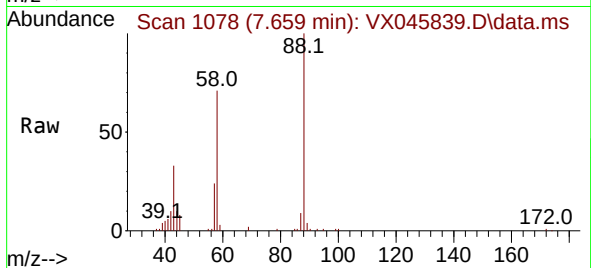
Ion	Ratio	Lower	Upper
88	100		
43	40.2	32.2	48.4
58	70.9	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#50

Toluene-d8

Concen: 50.931 ug/l

RT: 8.647 min Scan# 1240

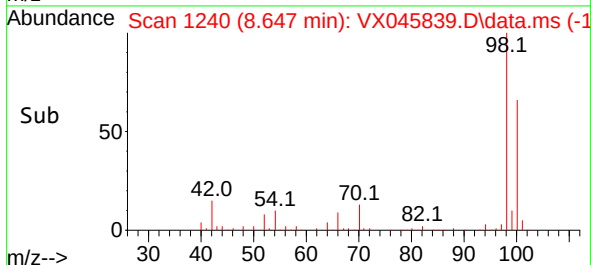
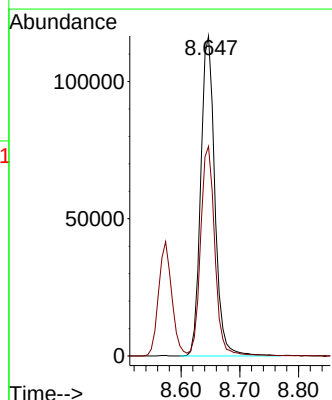
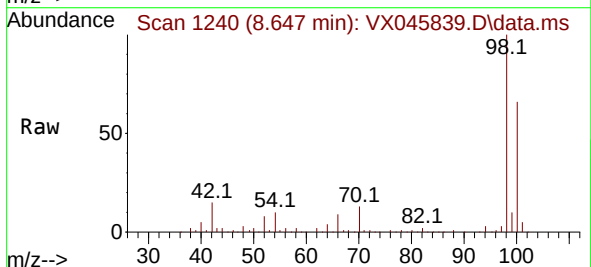
Delta R.T. -0.000 min

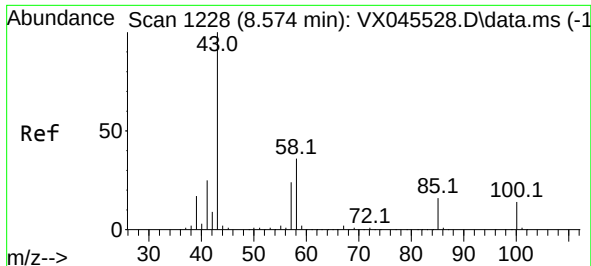
Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Tgt Ion: 98 Resp: 193731

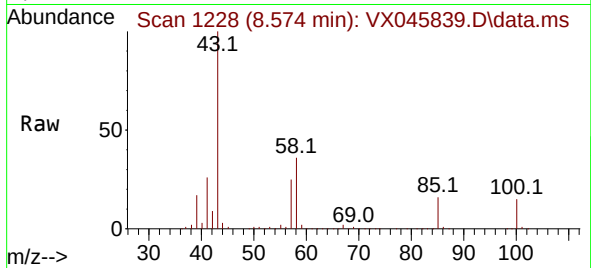
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.4





#51
4-Methyl-2-Pentanone
Concen: 255.746 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

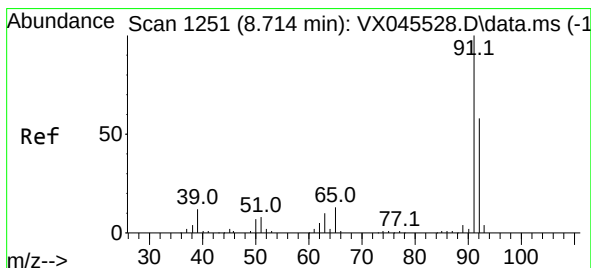
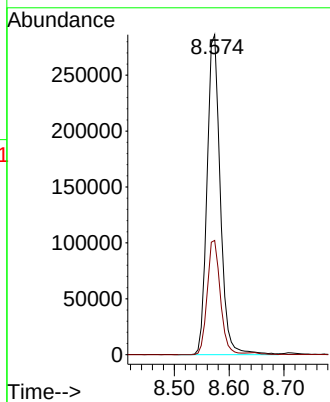
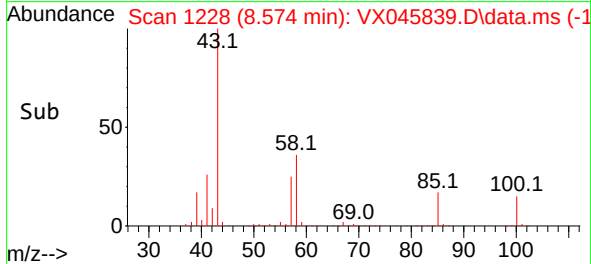
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 476479
Ion Ratio Lower Upper
43 100
58 35.6 28.5 42.7

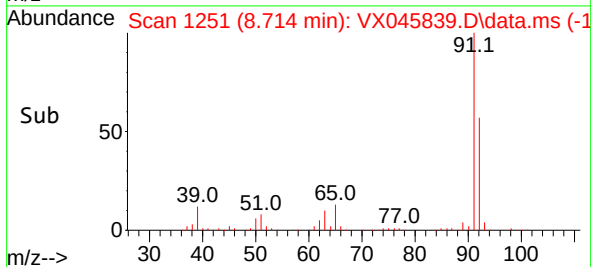
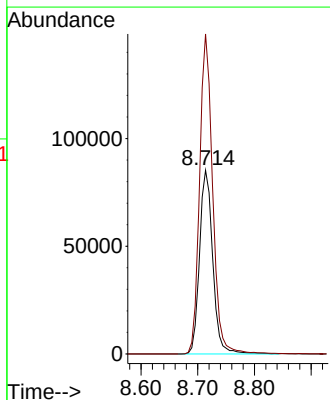
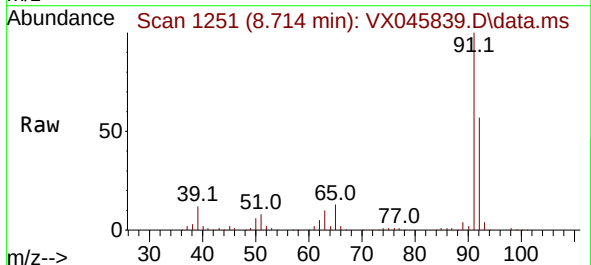
Manual Integrations
APPROVED

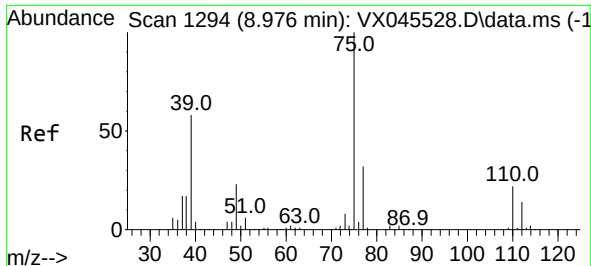
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Toluene
Concen: 50.808 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 92 Resp: 138162
Ion Ratio Lower Upper
92 100
91 172.5 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 45.389 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7466

Ion Ratio Lower Upper

75 100

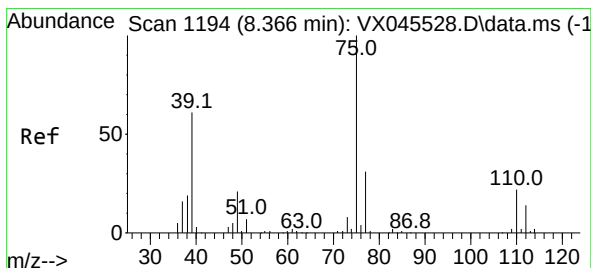
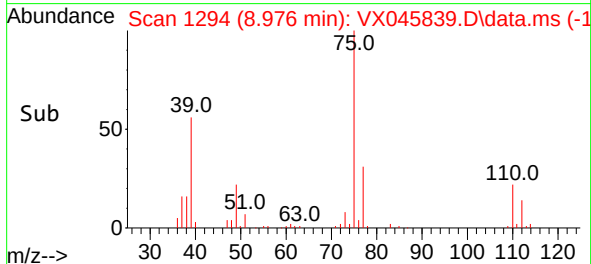
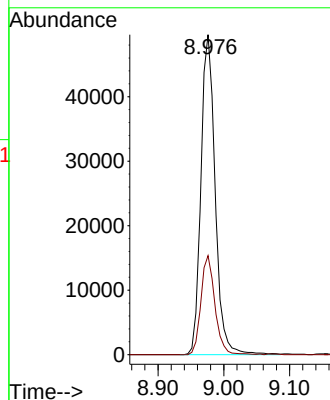
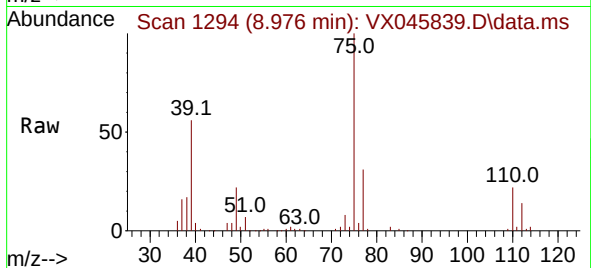
77 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#54

cis-1,3-Dichloropropene

Concen: 50.753 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

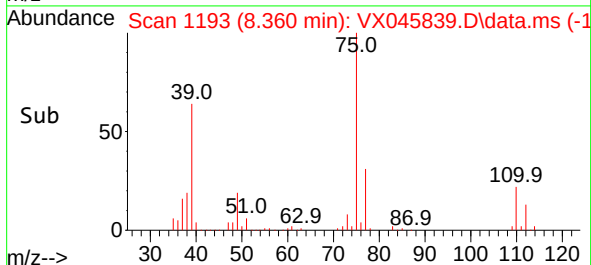
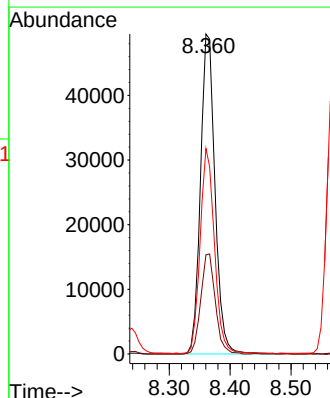
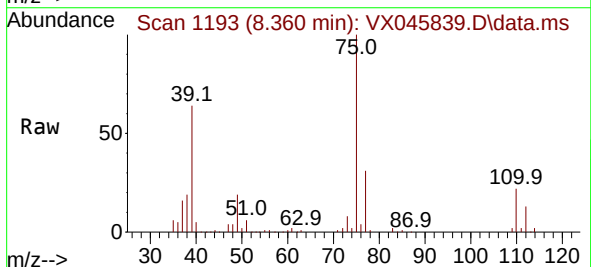
Tgt Ion: 75 Resp: 81983

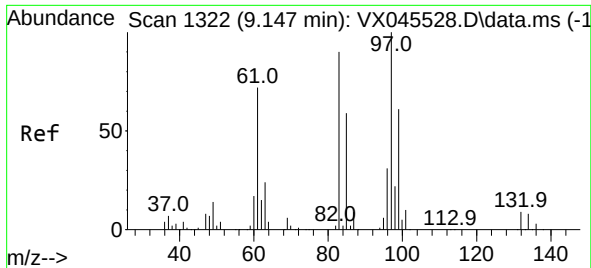
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 64.0 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 49.918 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

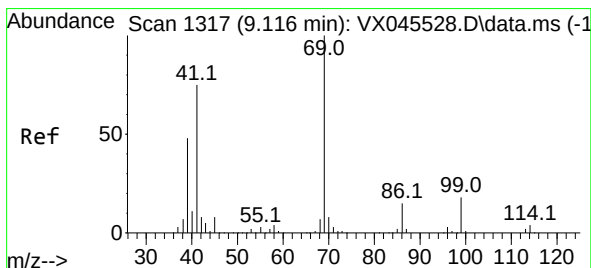
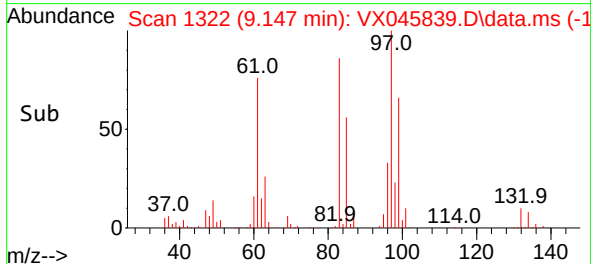
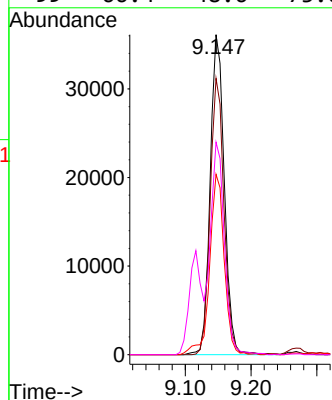
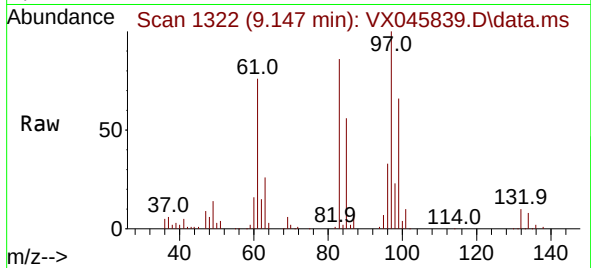
Tgt Ion: 97 Resp: 5409
Ion Ratio Lower Upper
97 100
83 86.4 71.8 107.8
85 56.4 47.0 70.6
99 66.4 48.6 73.0

Manual Integrations

APPROVED

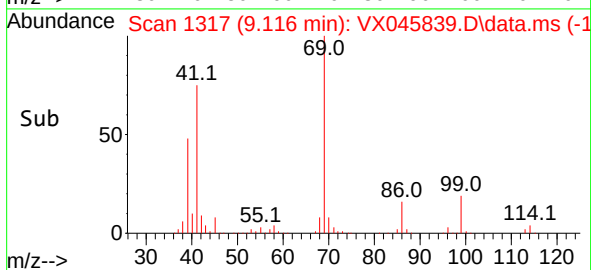
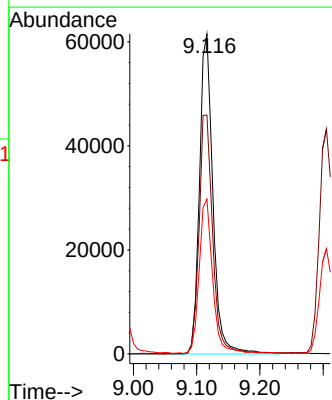
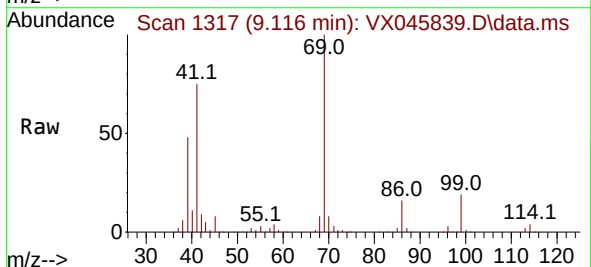
Reviewed By :John Carlone 04/18/2025

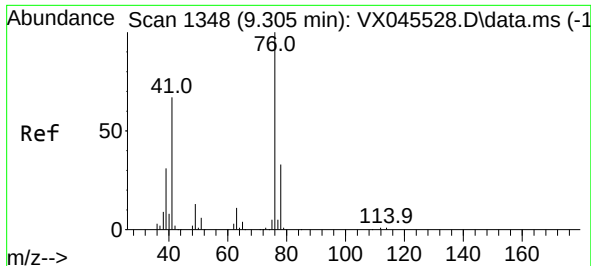
Supervised By :Mahesh Dadoda 04/18/2025



#56
Ethyl methacrylate
Concen: 54.346 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 69 Resp: 91138
Ion Ratio Lower Upper
69 100
41 76.5 61.3 91.9
39 48.1 40.2 60.2





#57
1,3-Dichloropropane
Concen: 50.691 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

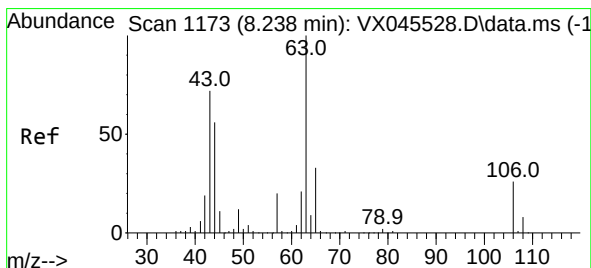
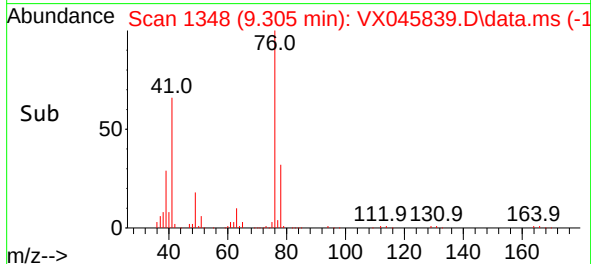
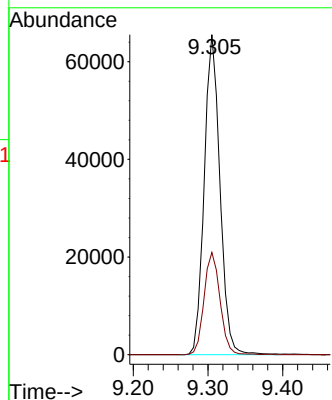
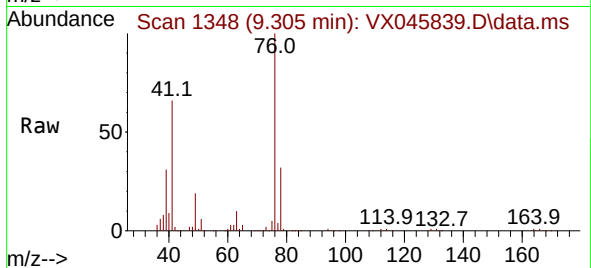
VSTDCCC050EC

Tgt Ion: 76 Resp: 95650
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations

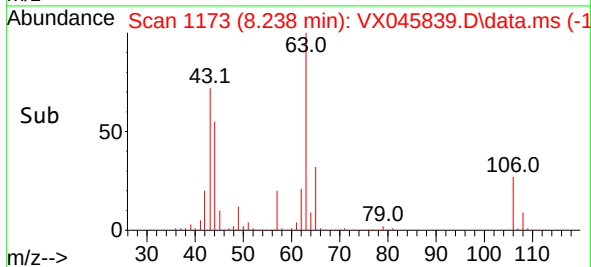
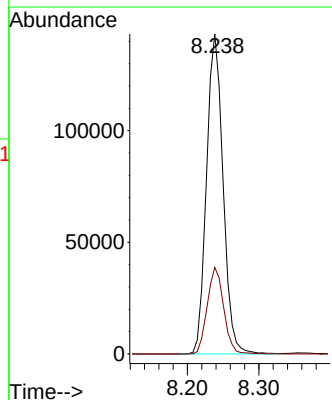
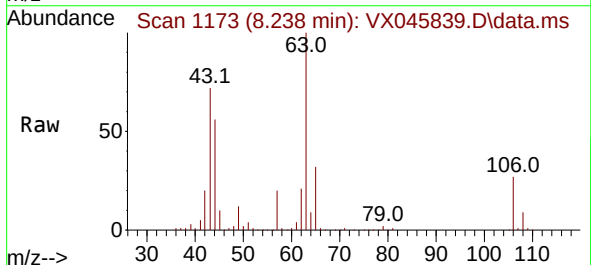
APPROVED

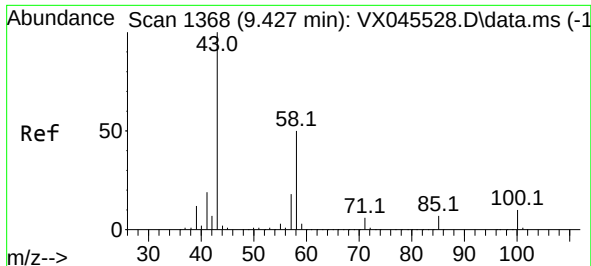
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 271.496 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 63 Resp: 230320
Ion Ratio Lower Upper
63 100
106 26.8 21.0 31.6





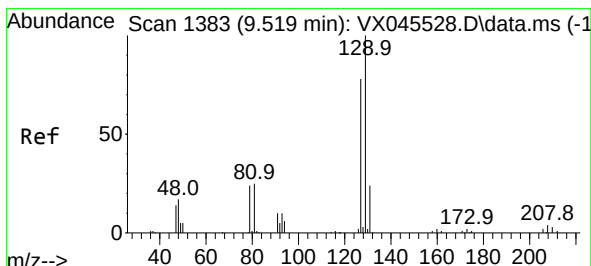
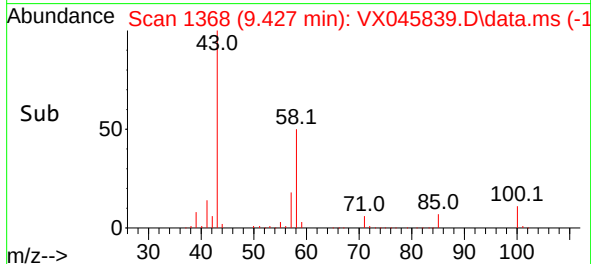
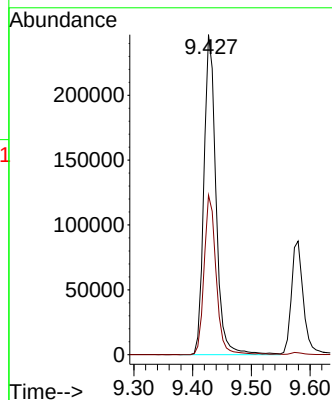
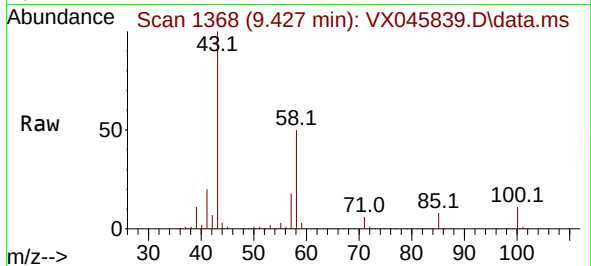
#59
2-Hexanone
Concen: 255.847 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 352984
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

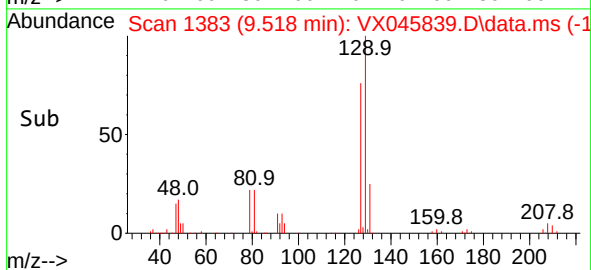
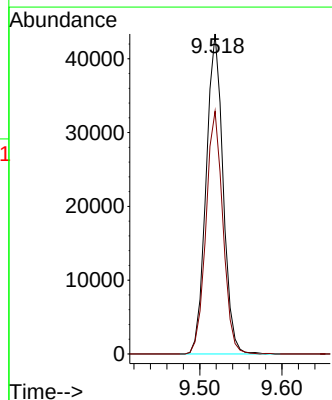
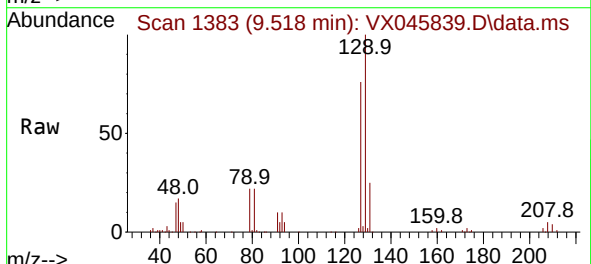
Manual Integrations
APPROVED

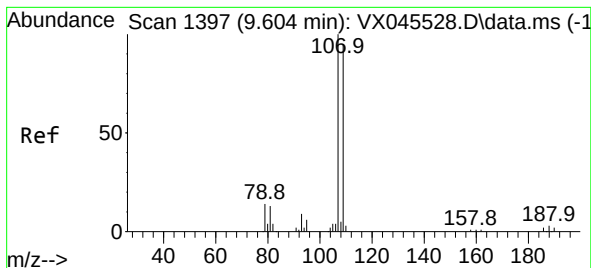
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#60
Dibromochloromethane
Concen: 52.539 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

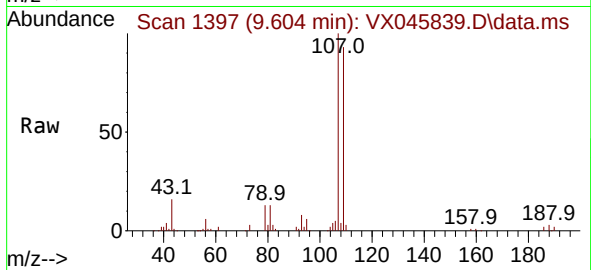
Tgt Ion:129 Resp: 62065
Ion Ratio Lower Upper
129 100
127 75.7 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.502 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

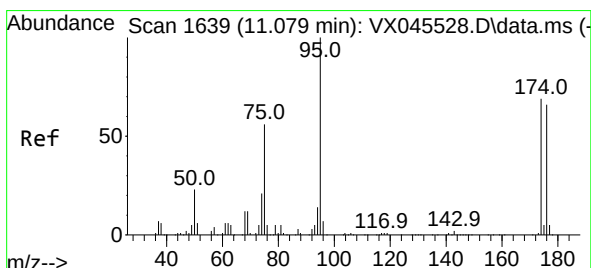
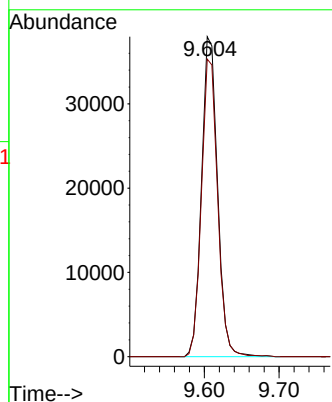
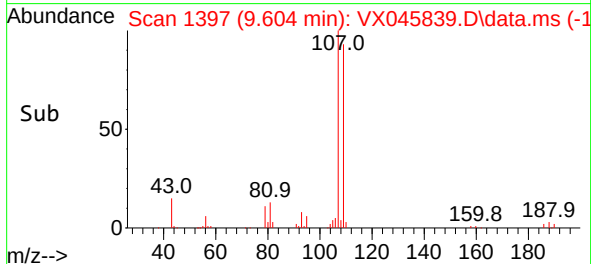
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 56493
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

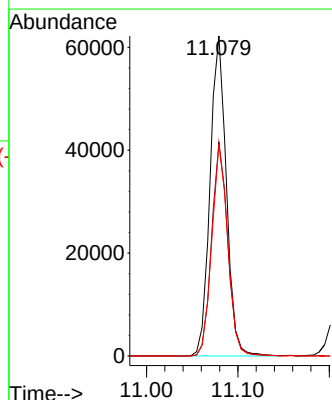
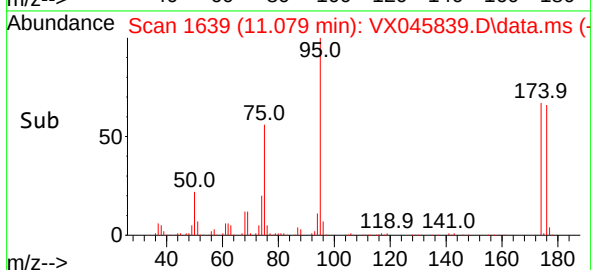
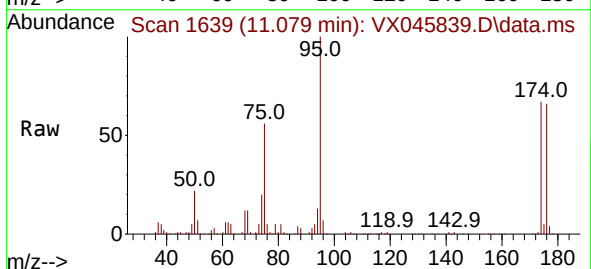
Manual Integrations
APPROVED

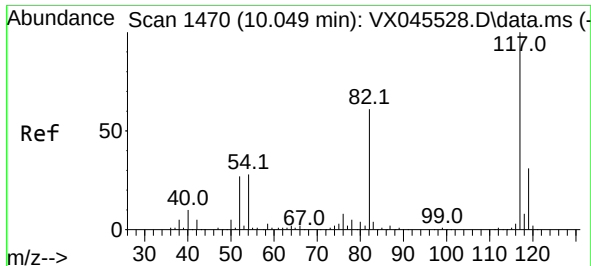
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
4-Bromofluorobenzene
Concen: 55.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

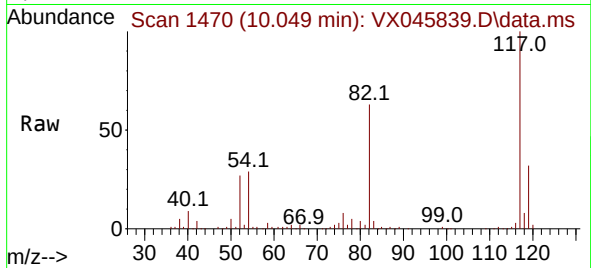
Tgt Ion: 95 Resp: 76701
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 65.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

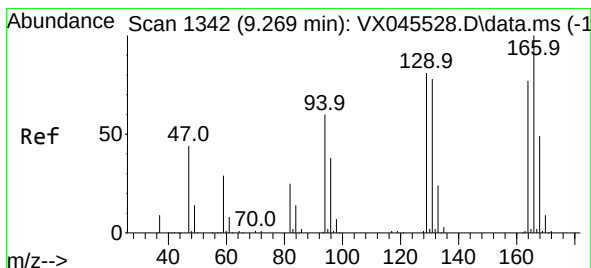
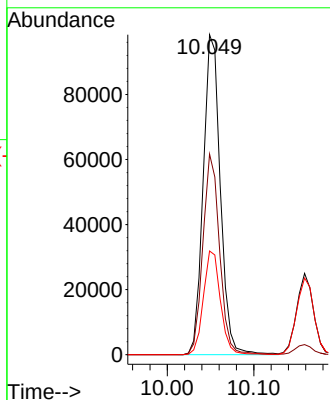
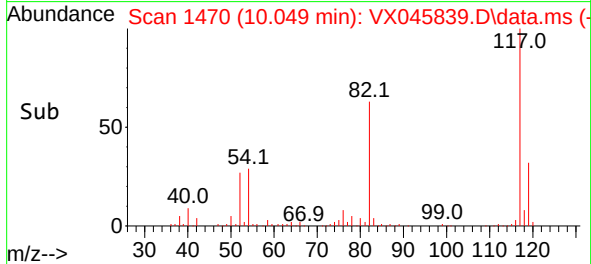
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 135199
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 32.4 25.1 37.7

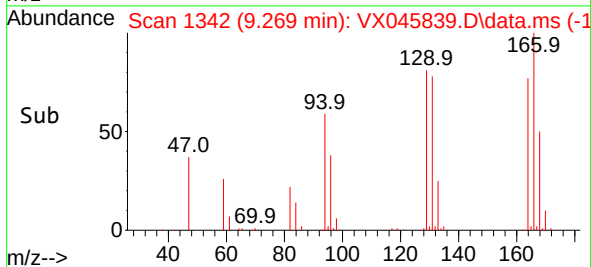
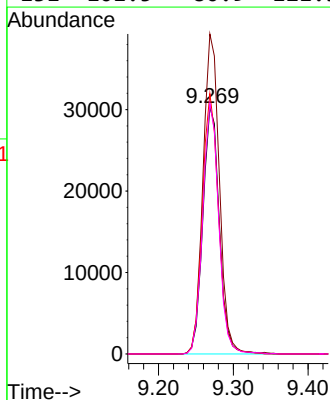
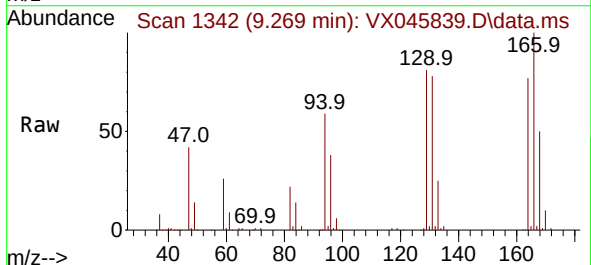
Manual Integrations
APPROVED

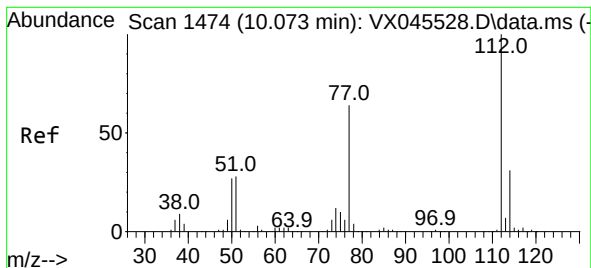
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#64
Tetrachloroethene
Concen: 48.522 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

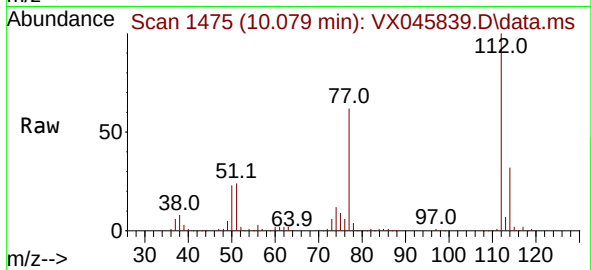
Tgt Ion:164 Resp: 46316
Ion Ratio Lower Upper
164 100
166 129.8 103.8 155.8
129 105.6 84.3 126.5
131 101.5 80.9 121.3





#65
Chlorobenzene
Concen: 51.122 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

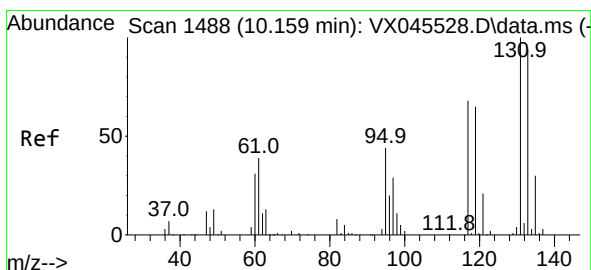
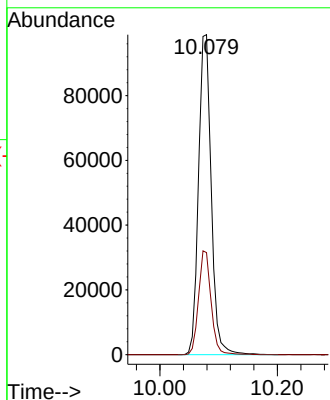
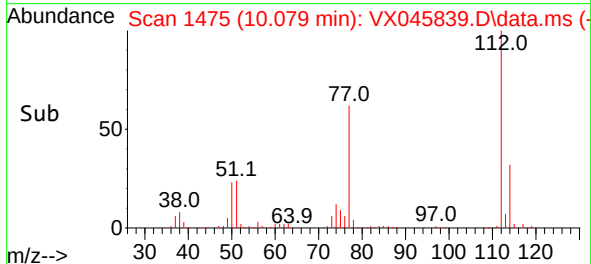
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



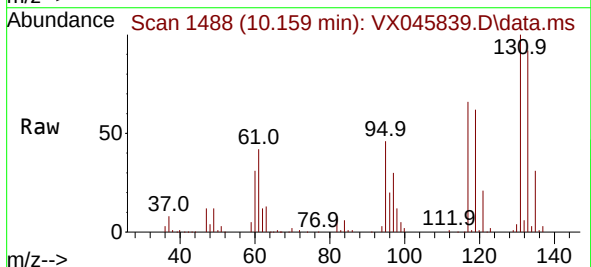
Tgt Ion:112 Resp: 147690
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

Manual Integrations
APPROVED

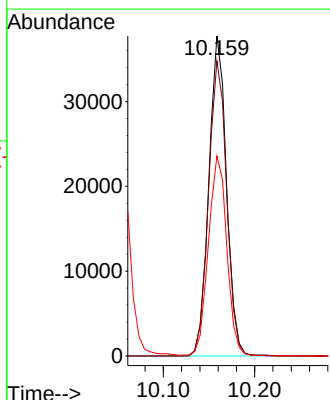
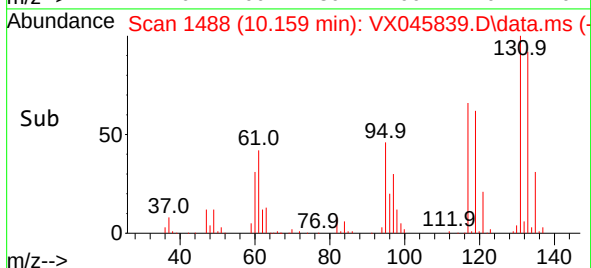
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

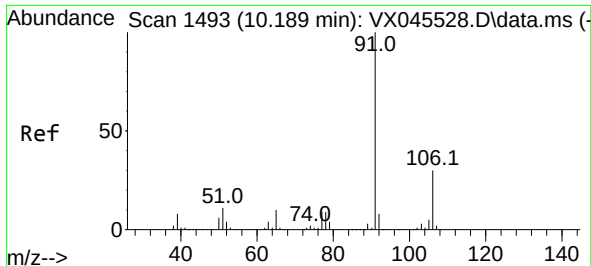


#66
1,1,1,2-Tetrachloroethane
Concen: 50.310 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19



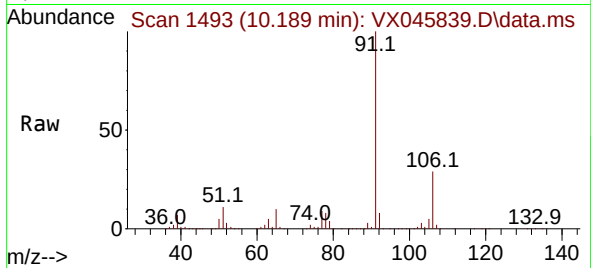
Tgt Ion:131 Resp: 50461
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 65.3 32.9 98.6





#67
Ethyl Benzene
Concen: 52.778 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

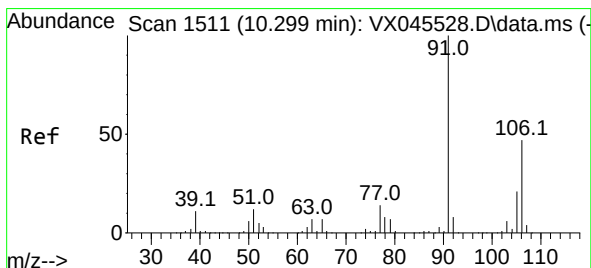
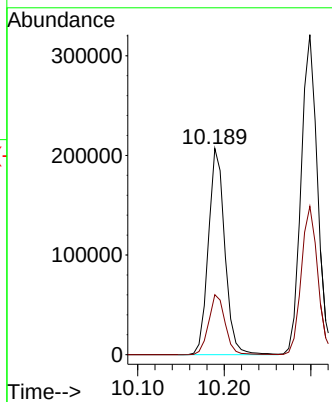
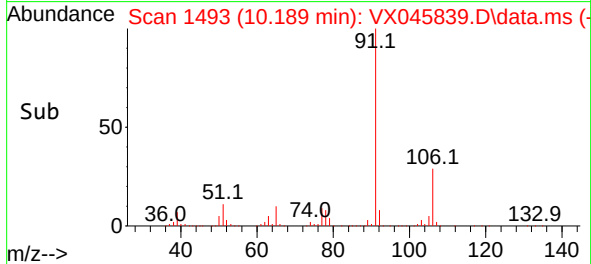
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



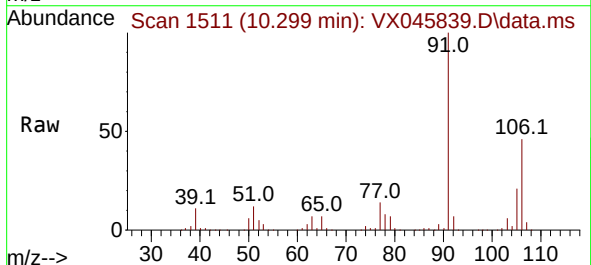
Tgt Ion: 91 Resp: 273083
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5

Manual Integrations
APPROVED

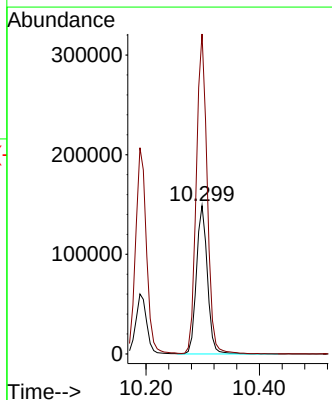
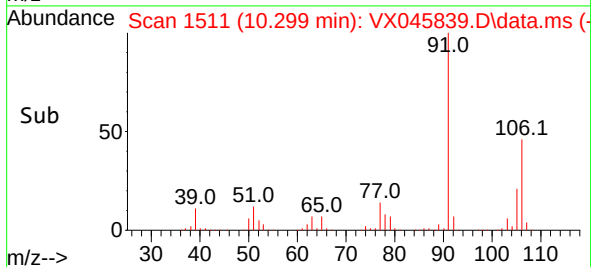
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

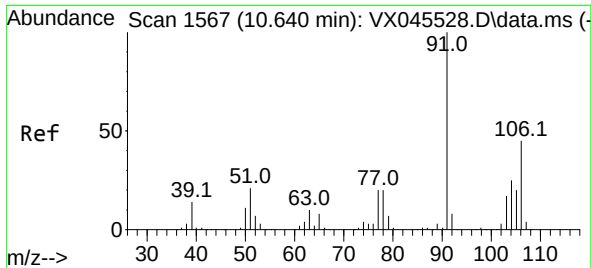


#68
m/p-Xylenes
Concen: 105.966 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19



Tgt Ion:106 Resp: 199417
Ion Ratio Lower Upper
106 100
91 214.0 172.6 258.8





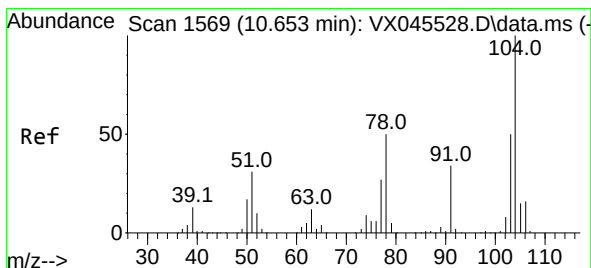
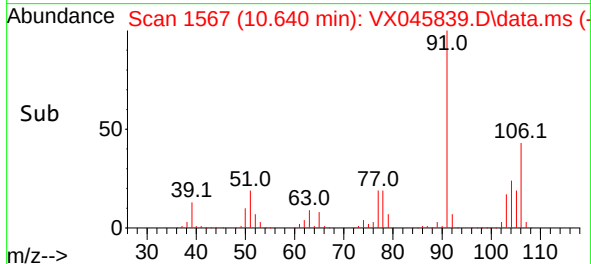
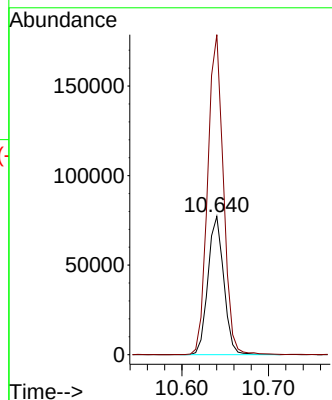
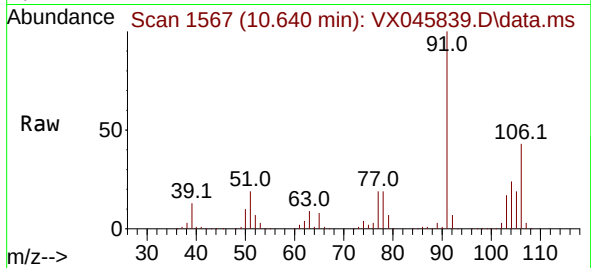
#69
o-Xylene
Concen: 52.878 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 98029
Ion Ratio Lower Upper
106 100
91 230.2 113.6 340.6

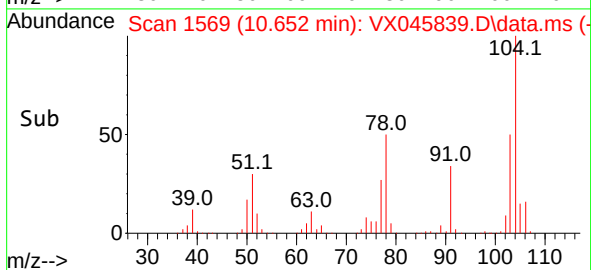
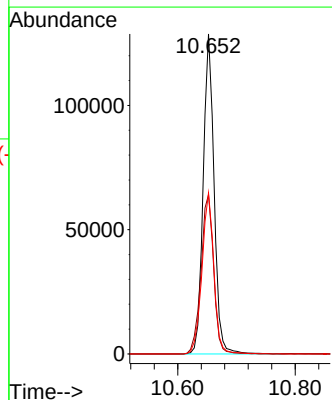
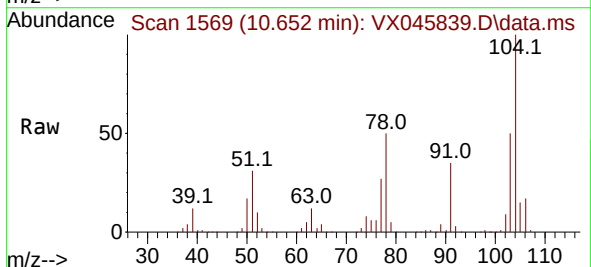
Manual Integrations
APPROVED

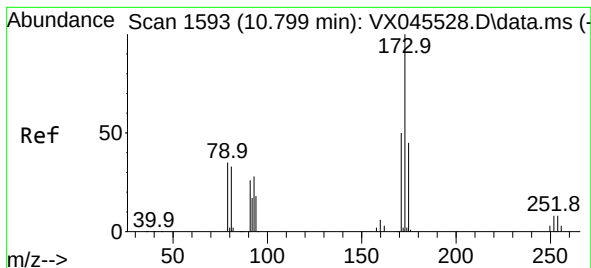
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#70
Styrene
Concen: 54.077 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion:104 Resp: 165462
Ion Ratio Lower Upper
104 100
78 57.7 45.4 68.2
103 55.3 43.8 65.8





#71

Bromoform

Concen: 51.166 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

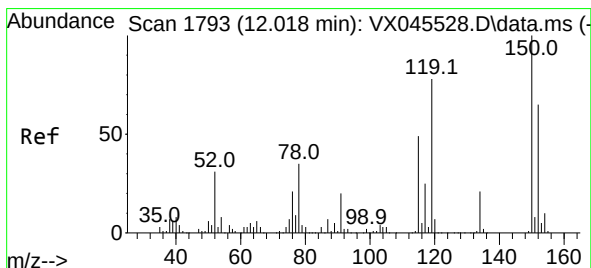
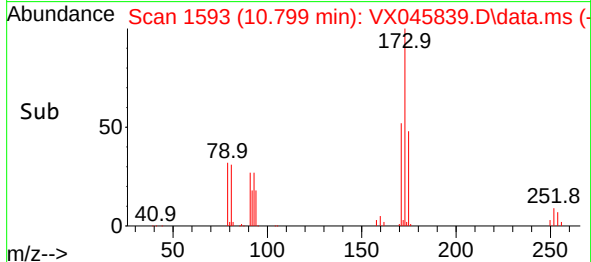
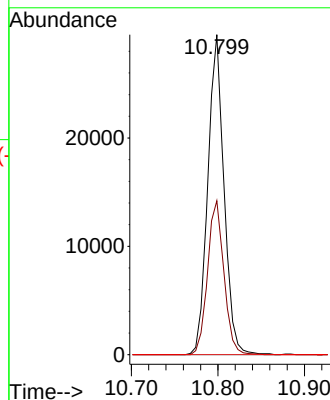
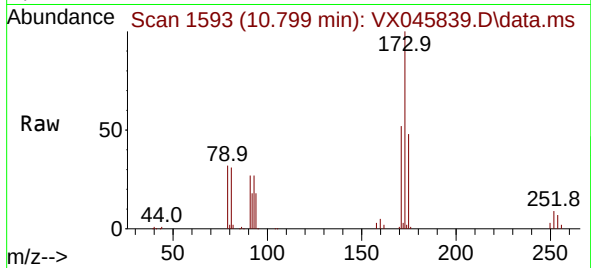
Tgt Ion:173	Resp:	38319
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

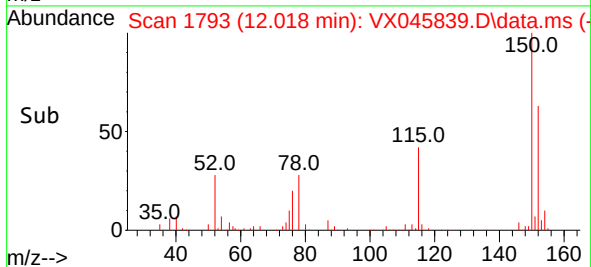
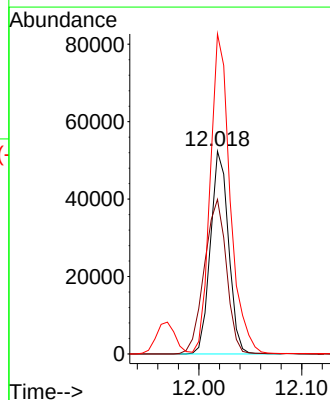
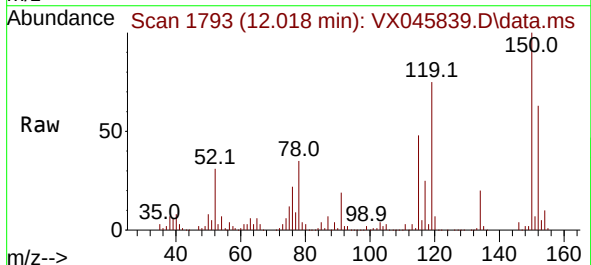
RT: 12.018 min Scan# 1793

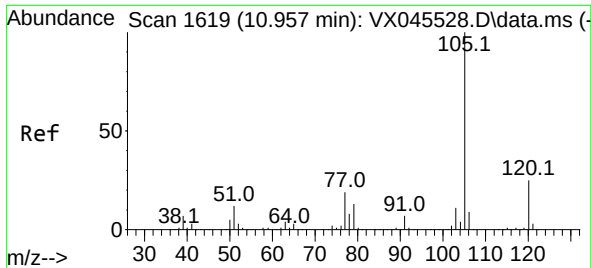
Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Tgt Ion:152	Resp:	63947
Ion Ratio	Lower	Upper
152	100	
115	93.5	46.9 140.7
150	174.6	0.0 349.4





#73
Isopropylbenzene
Concen: 50.706 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

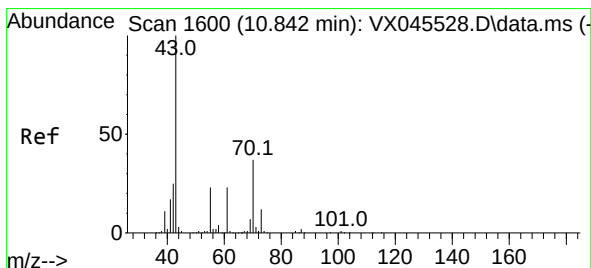
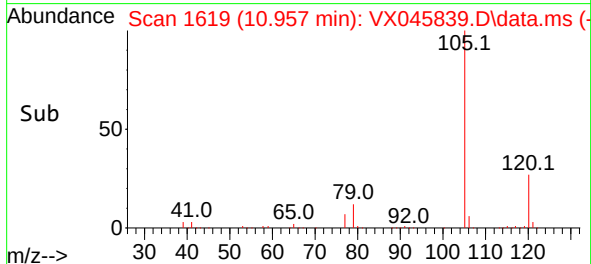
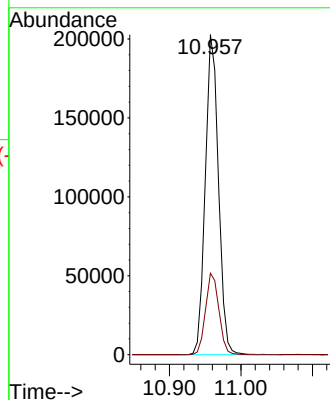
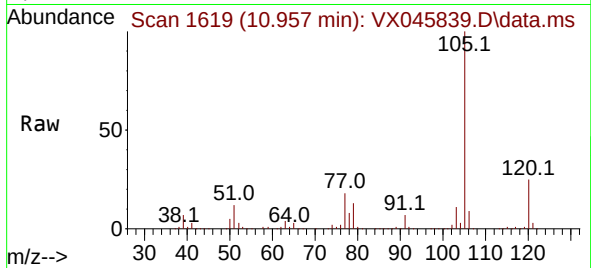
VSTDCCC050EC

Tgt Ion:105 Resp: 259729
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.0

Manual Integrations

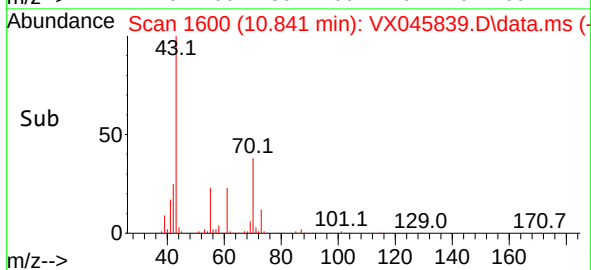
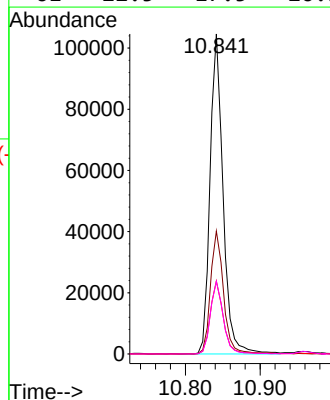
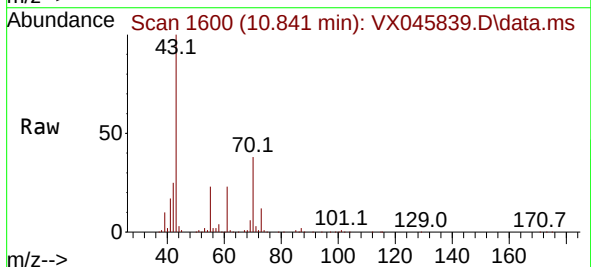
APPROVED

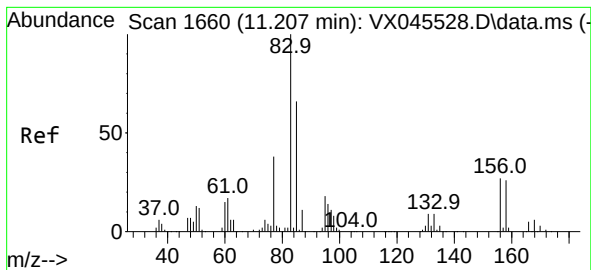
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#74
N-ethyl acetate
Concen: 51.615 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 43 Resp: 126468
Ion Ratio Lower Upper
43 100
70 38.7 30.1 45.1
55 22.9 18.3 27.5
61 22.5 17.5 26.3





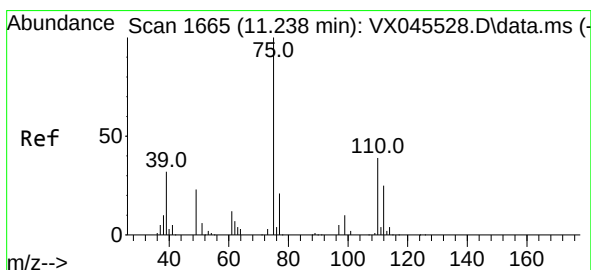
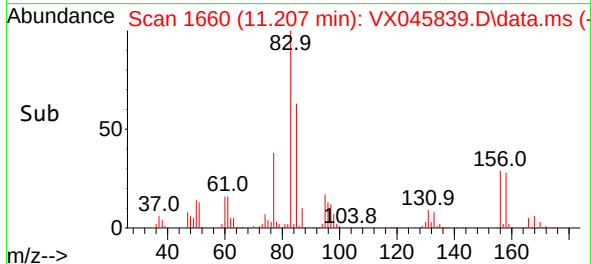
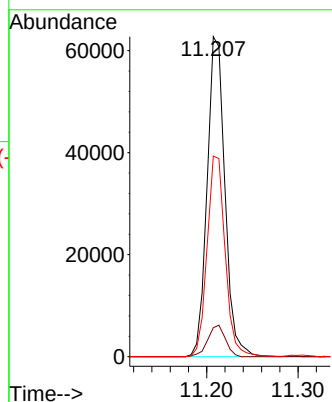
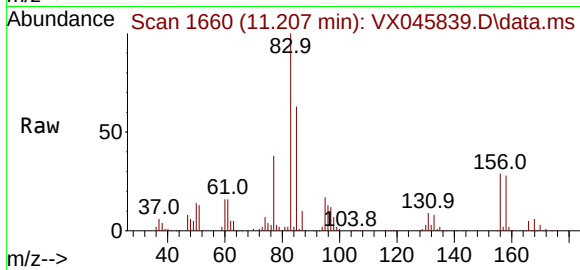
#75
1,1,2,2-Tetrachloroethane
Concen: 47.126 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8479
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 63.5 32.4 97.2

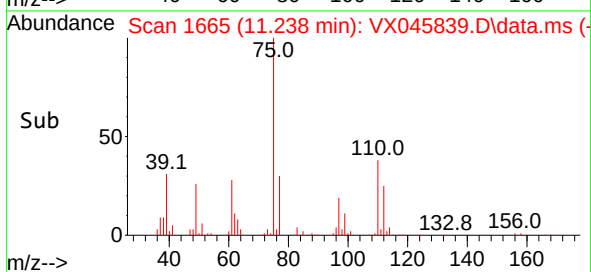
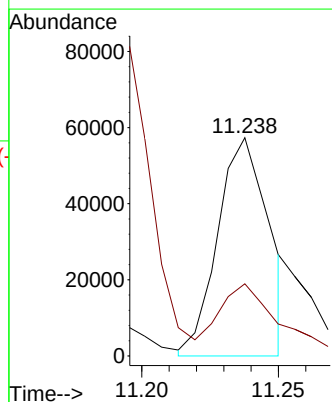
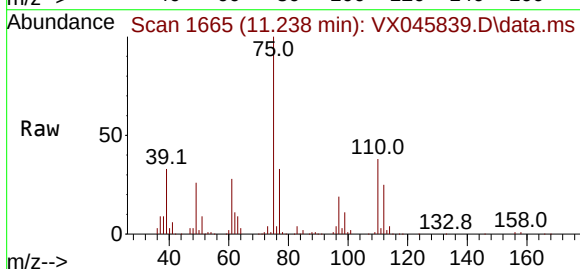
Manual Integrations
APPROVED

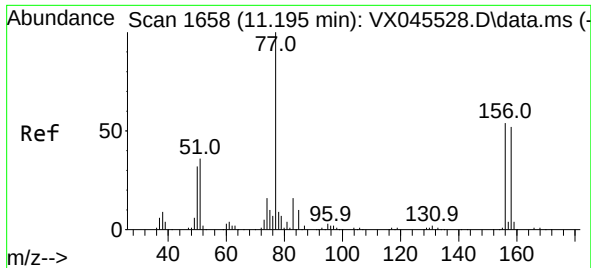
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#76
1,2,3-Trichloropropane
Concen: 47.718 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

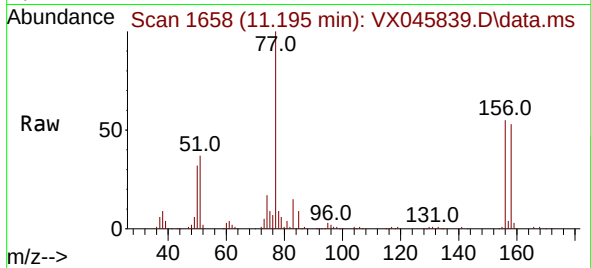
Tgt Ion: 75 Resp: 74432
Ion Ratio Lower Upper
75 100
77 39.7 20.0 59.9





#77
Bromobenzene
Concen: 49.505 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

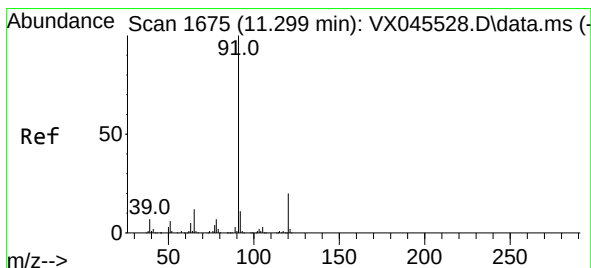
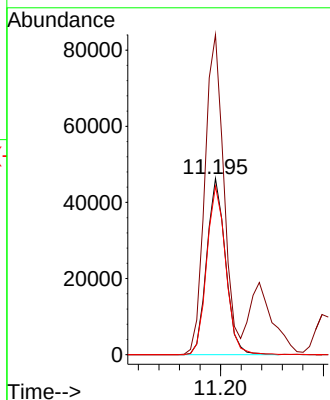
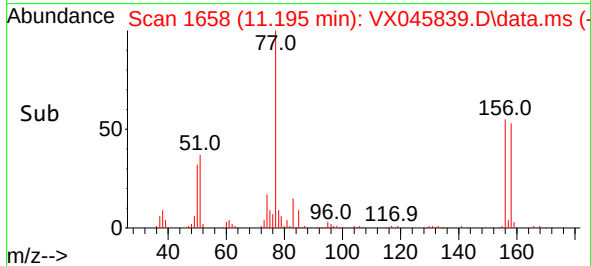
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 58590
Ion Ratio Lower Upper
156 100
77 184.6 92.6 277.8
158 97.4 48.1 144.4

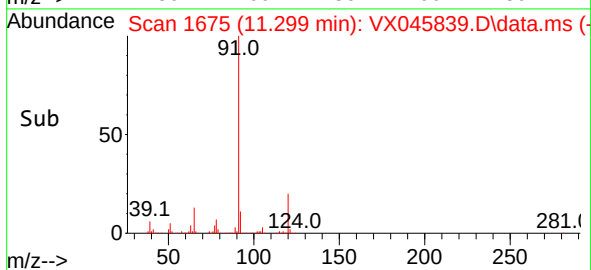
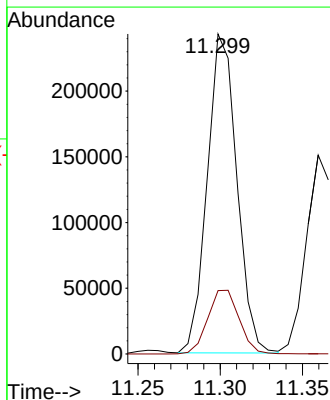
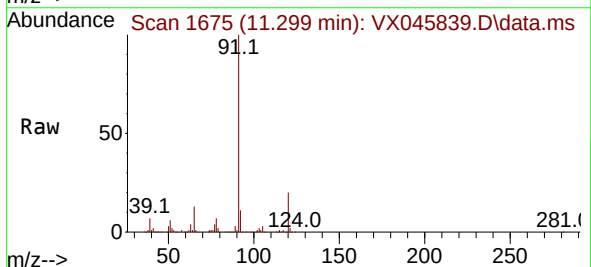
Manual Integrations
APPROVED

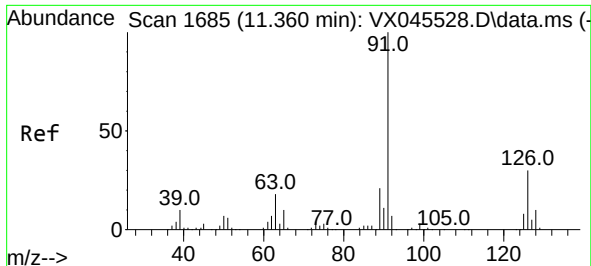
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#78
n-propylbenzene
Concen: 51.510 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 91 Resp: 303905
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.3





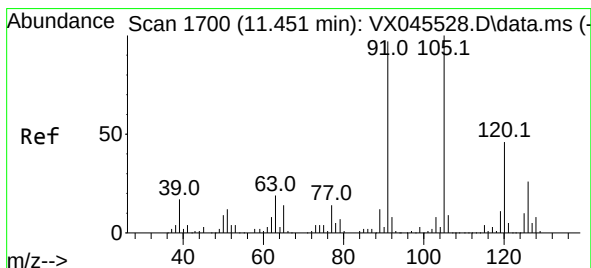
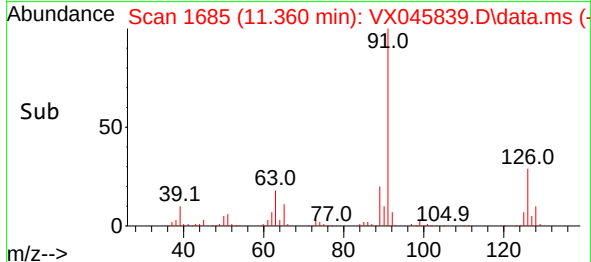
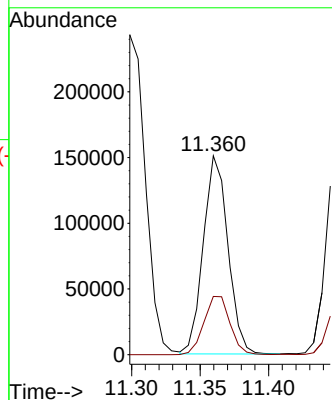
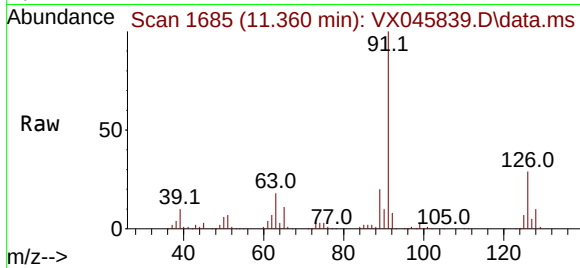
#79
2-Chlorotoluene
Concen: 50.063 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 188829
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4

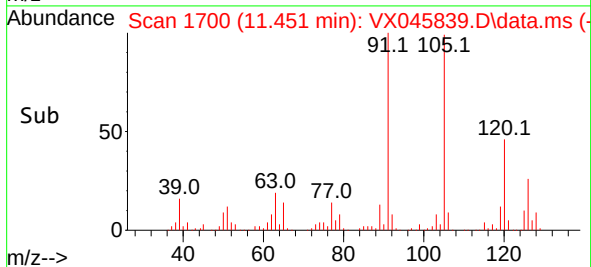
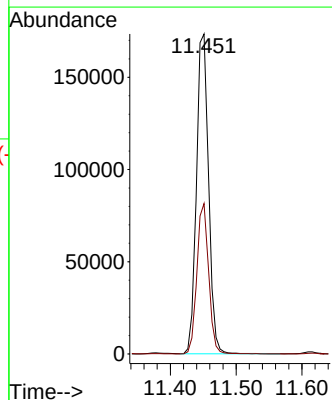
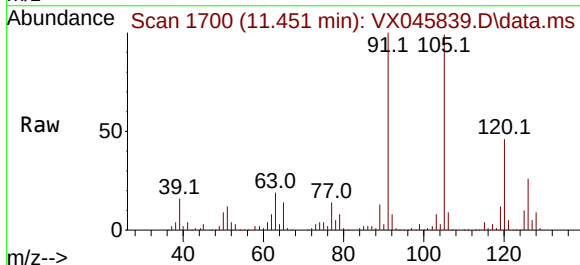
Manual Integrations
APPROVED

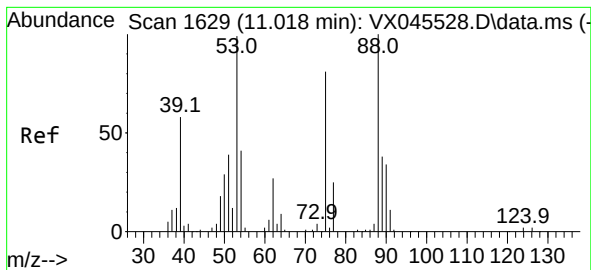
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.322 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion:105 Resp: 221616
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





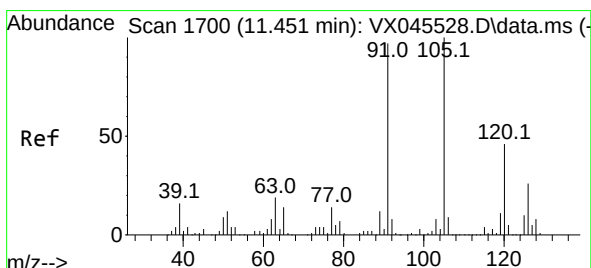
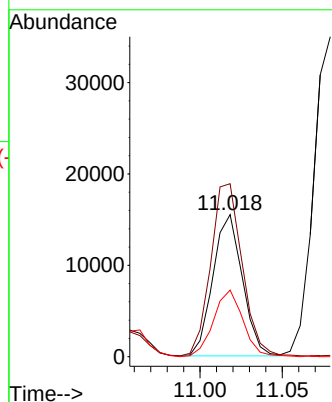
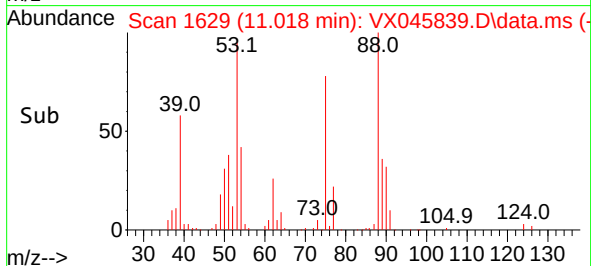
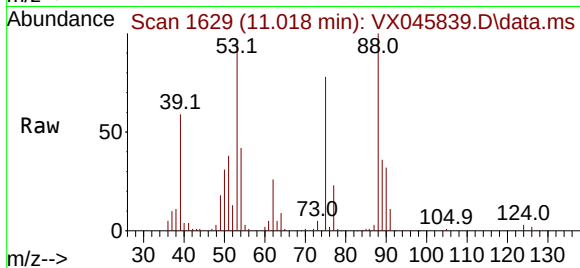
#81
trans-1,4-Dichloro-2-butene
Concen: 41.954 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1928
Ion Ratio Lower Upper
75 100
53 130.3 101.8 152.6
89 47.2 37.2 55.8

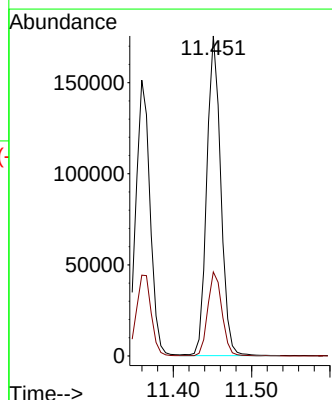
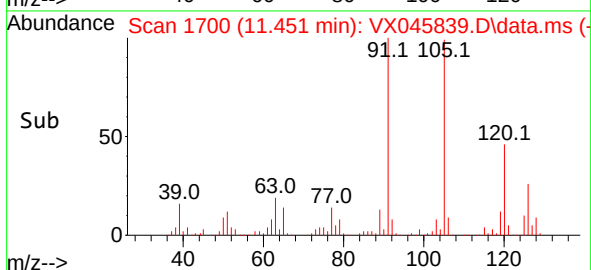
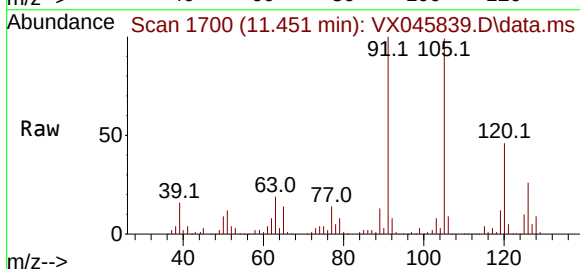
Manual Integrations
APPROVED

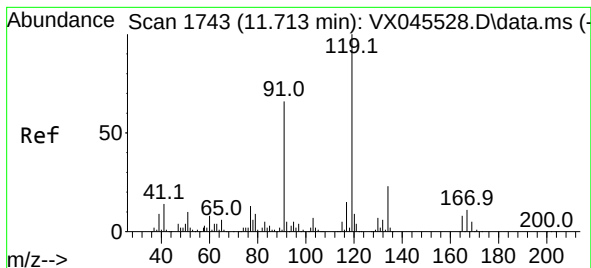
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#82
4-Chlorotoluene
Concen: 51.493 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 91 Resp: 216548
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.9





#83

tert-Butylbenzene

Concen: 51.497 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045839.D

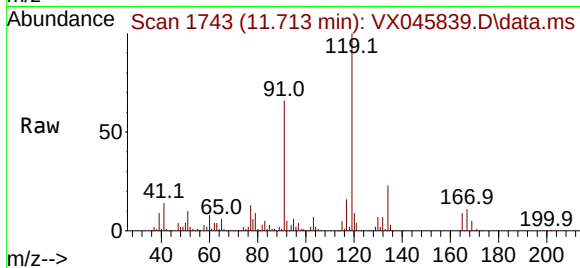
Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:119 Resp: 215949

Ion Ratio Lower Upper

119 100

91 65.0 32.4 97.2

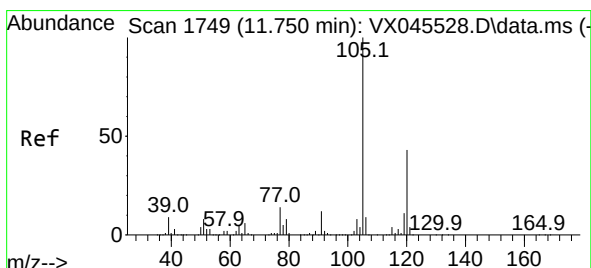
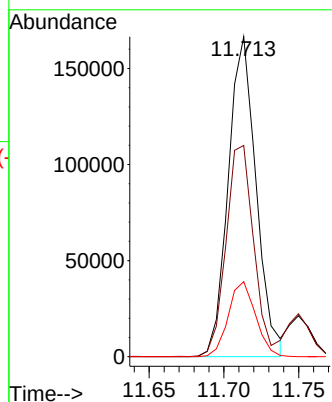
134 22.9 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.091 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045839.D

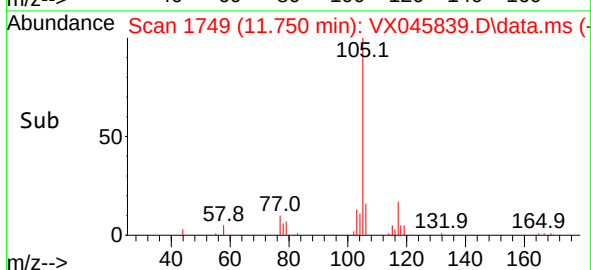
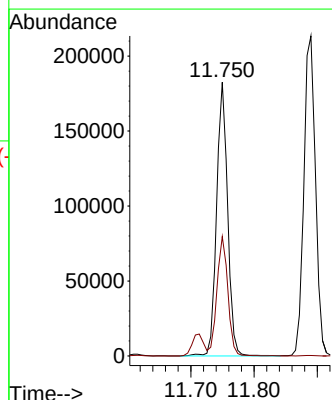
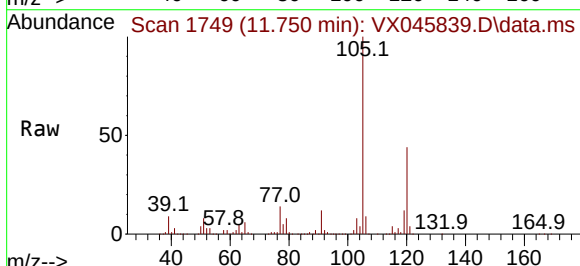
Acq: 17 Apr 2025 19:19

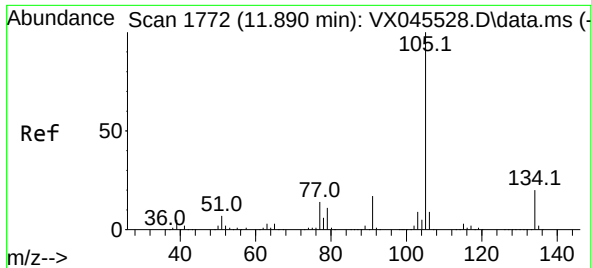
Tgt Ion:105 Resp: 221453

Ion Ratio Lower Upper

105 100

120 43.1 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 52.473 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045839.D
 Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

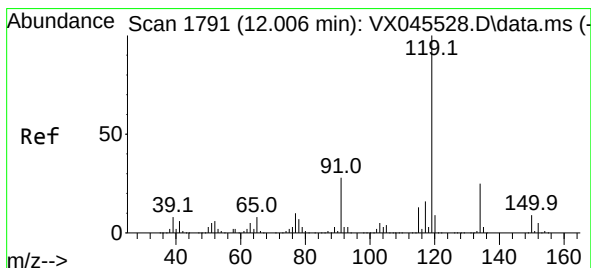
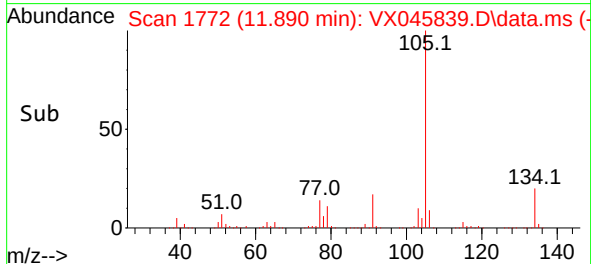
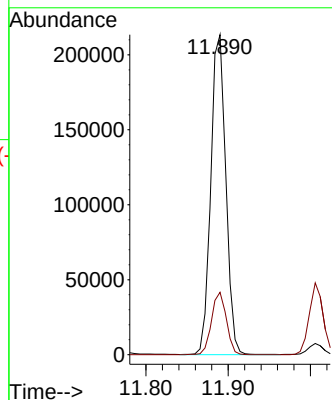
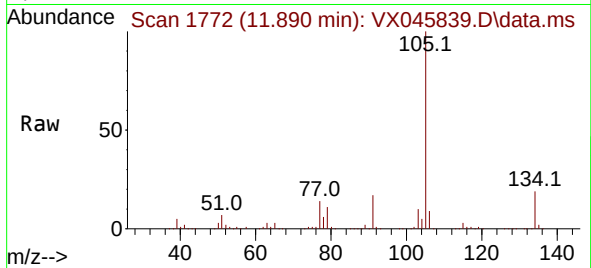
Tgt Ion:105 Resp: 27026
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

Manual Integrations

APPROVED

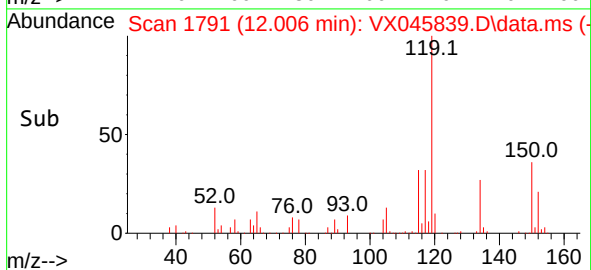
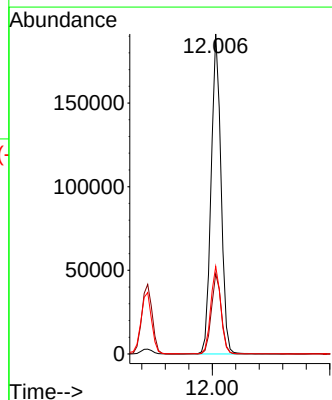
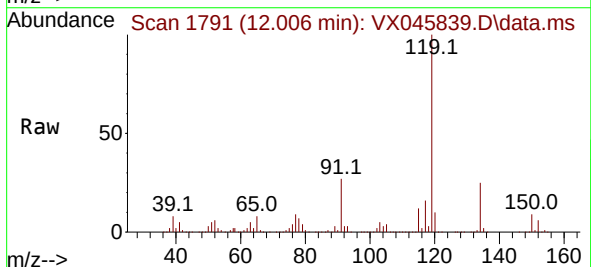
Reviewed By :John Carlone 04/18/2025

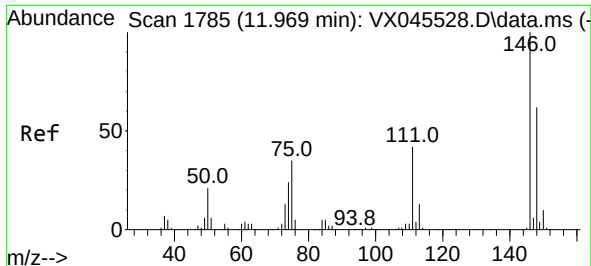
Supervised By :Mahesh Dadoda 04/18/2025



#86
 p-Isopropyltoluene
 Concen: 52.689 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045839.D
 Acq: 17 Apr 2025 19:19

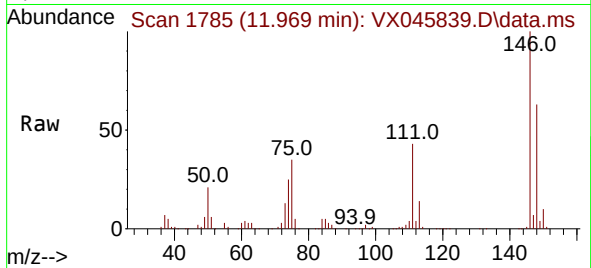
Tgt Ion:119 Resp: 223731
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.4 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 50.285 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

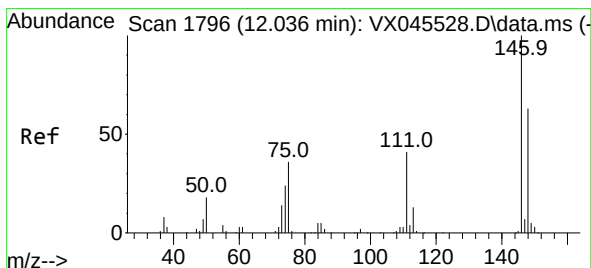
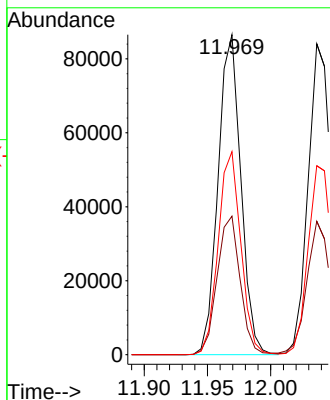
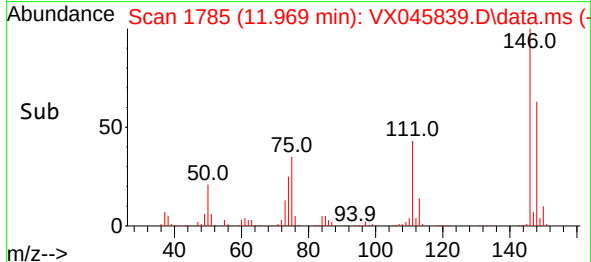
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



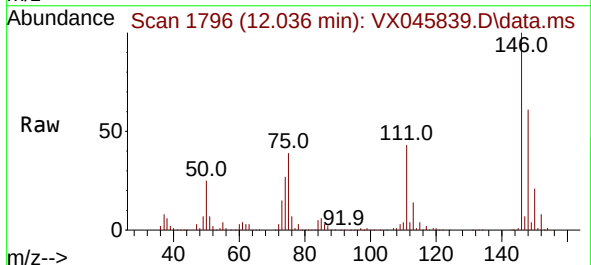
Tgt Ion:146 Resp: 108332
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 63.1 31.9 95.7

Manual Integrations
APPROVED

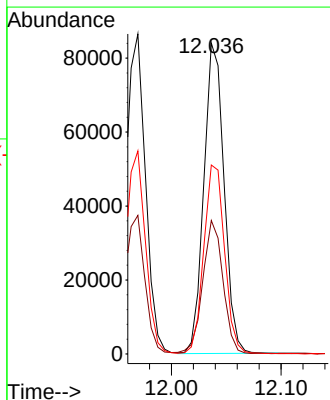
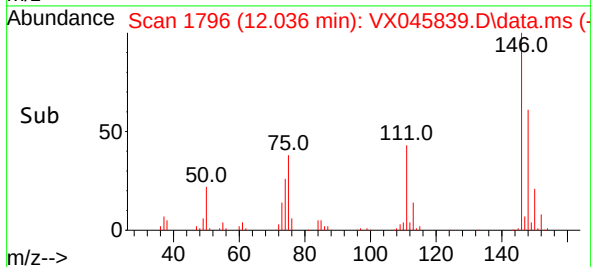
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

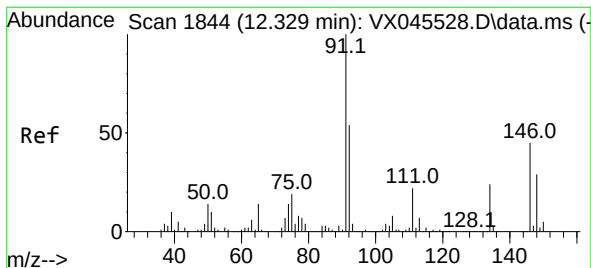


#88
1,4-Dichlorobenzene
Concen: 49.093 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19



Tgt Ion:146 Resp: 107223
Ion Ratio Lower Upper
146 100
111 43.2 20.9 62.8
148 62.7 31.5 94.5





#89

n-Butylbenzene

Concen: 53.031 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 195269

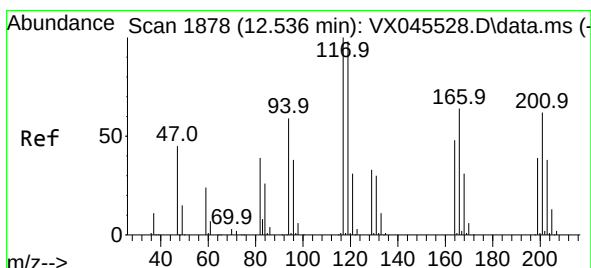
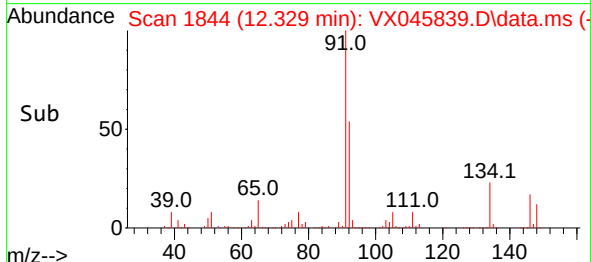
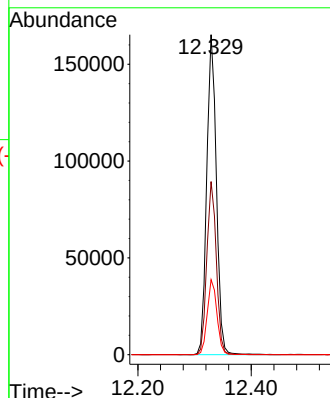
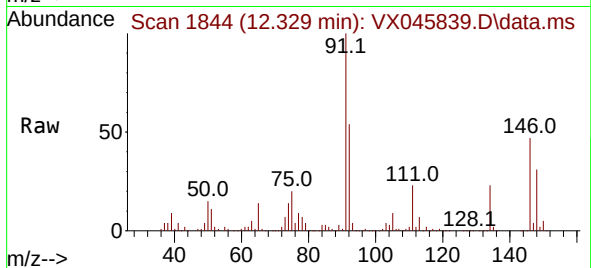
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.6
134	23.7	11.9	35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#90

Hexachloroethane

Concen: 51.634 ug/l

RT: 12.536 min Scan# 1878

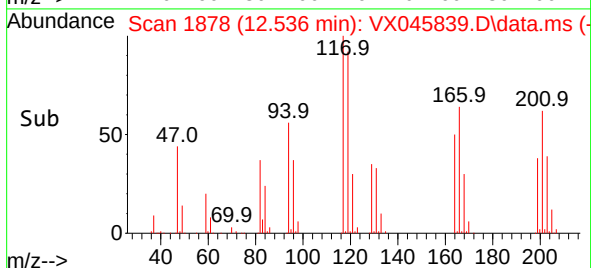
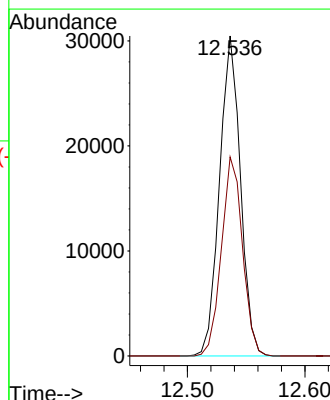
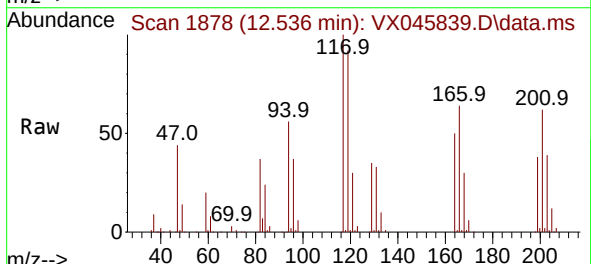
Delta R.T. -0.000 min

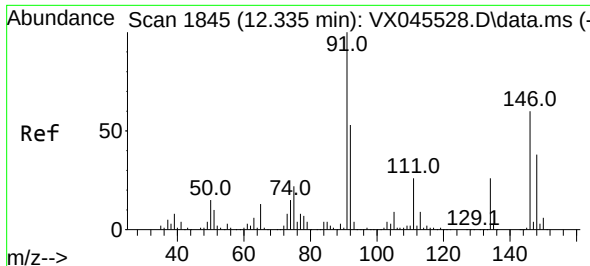
Lab File: VX045839.D

Acq: 17 Apr 2025 19:19

Tgt Ion:117 Resp: 37680

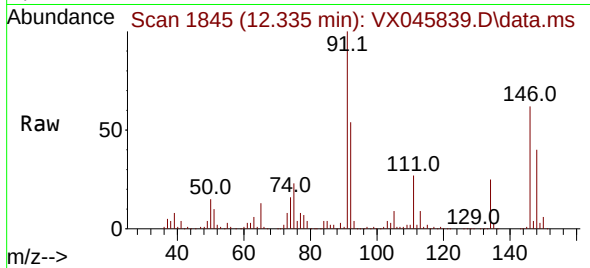
Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.2	93.6





#91
1,2-Dichlorobenzene
Concen: 50.118 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

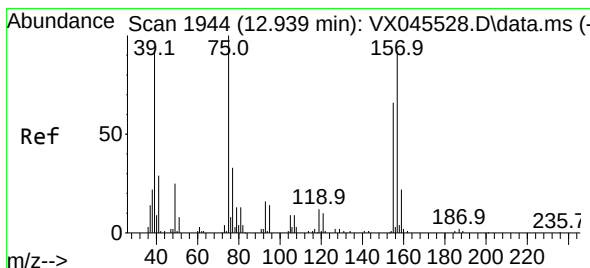
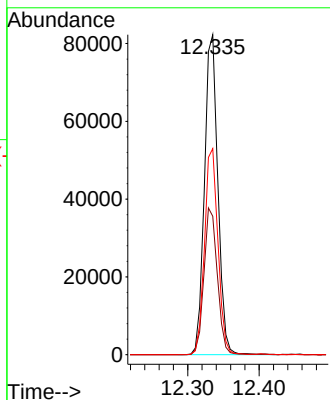
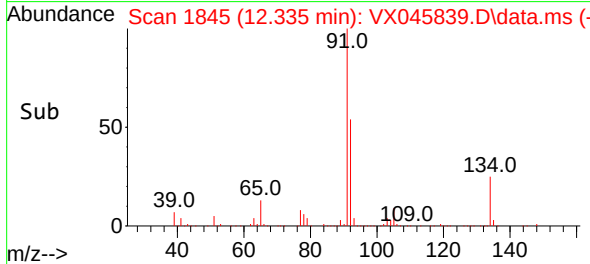
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 10734
Ion Ratio Lower Upper
146 100
111 45.8 22.9 68.8
148 64.5 31.9 95.5

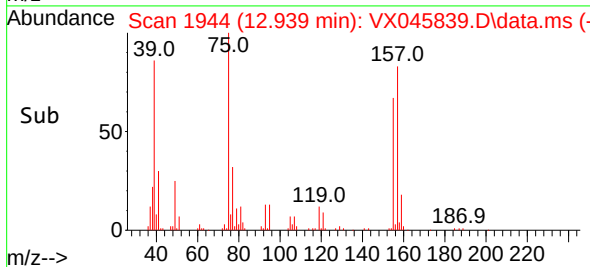
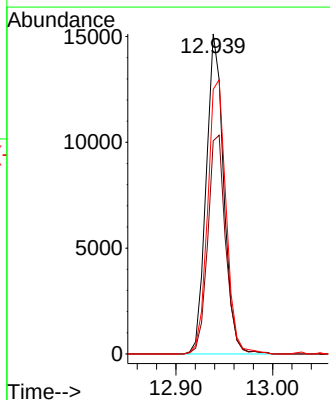
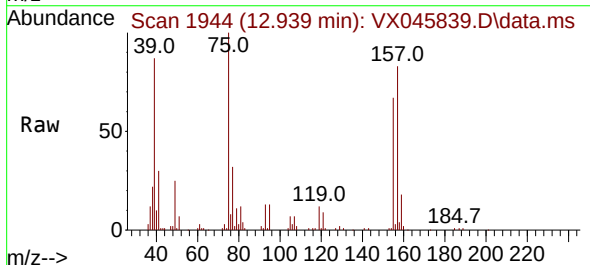
Manual Integrations
APPROVED

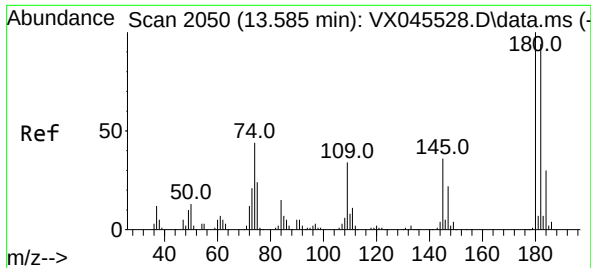
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.758 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion: 75 Resp: 19101
Ion Ratio Lower Upper
75 100
155 69.8 34.9 104.7
157 89.8 44.9 134.7





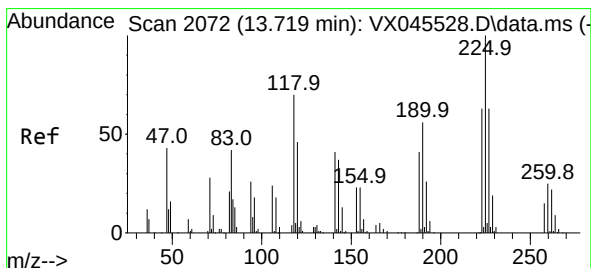
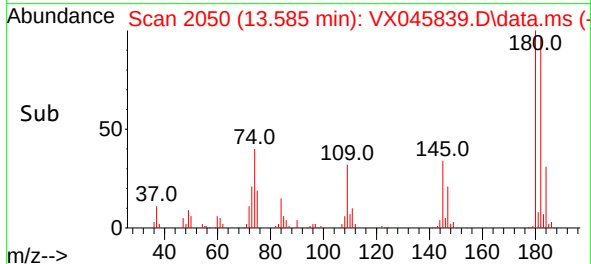
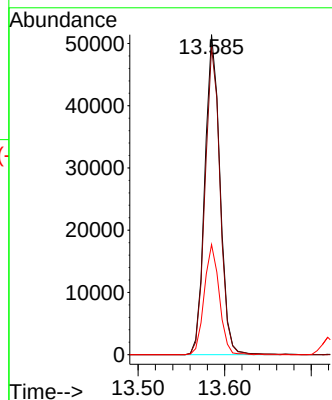
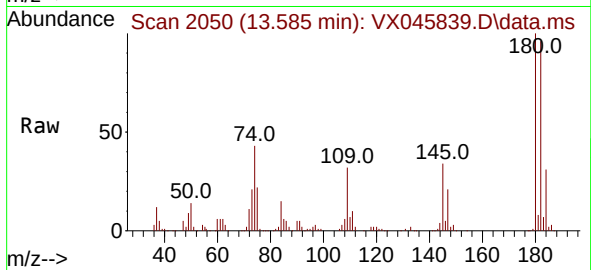
#93
1,2,4-Trichlorobenzene
Concen: 52.393 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 6246
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 34.1 17.9 53.8

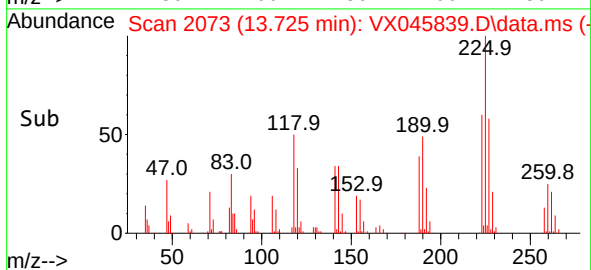
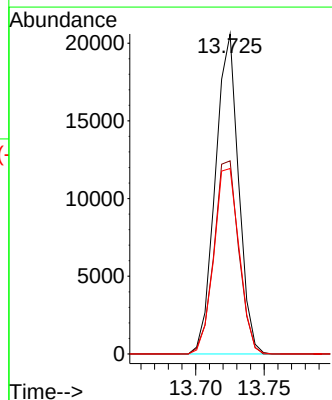
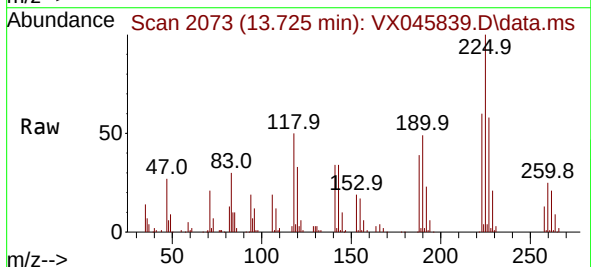
Manual Integrations
APPROVED

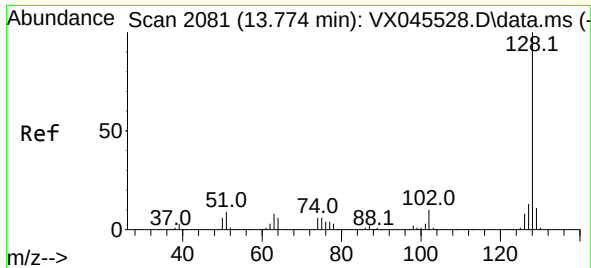
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#94
Hexachlorobutadiene
Concen: 47.235 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

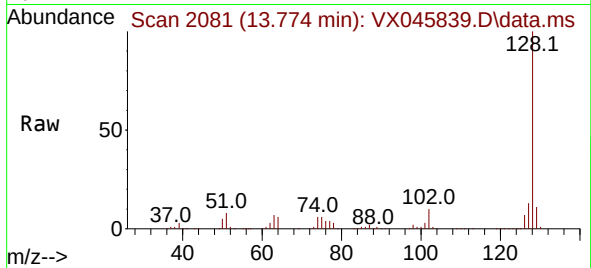
Tgt Ion:225 Resp: 24267
Ion Ratio Lower Upper
225 100
223 64.4 31.1 93.3
227 63.1 32.2 96.6





#95
Naphthalene
Concen: 53.259 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

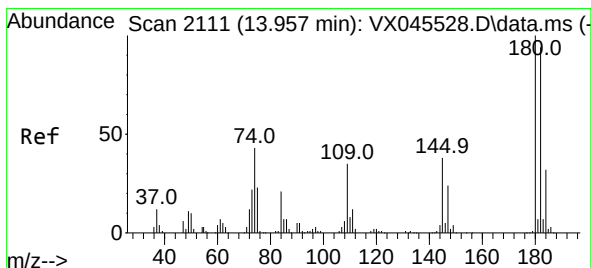
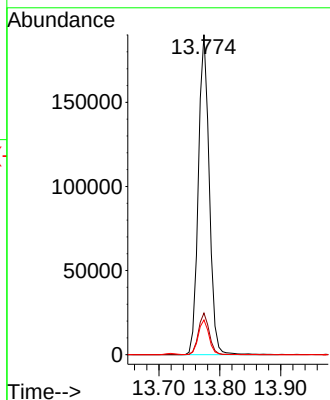
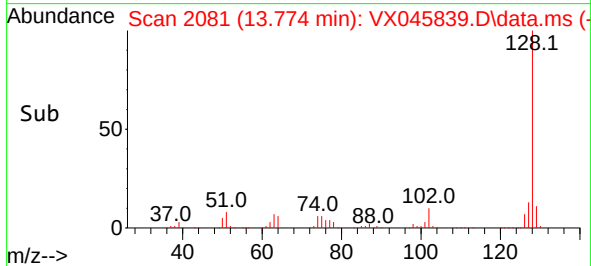
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 23629
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.286 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045839.D
Acq: 17 Apr 2025 19:19

Tgt Ion:180 Resp: 64026
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 36.9 18.2 54.6

