

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045081.D
 Acq On : 28 Feb 2025 12:13
 Operator : JC/MD
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 14:28:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	102676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78381	47.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.980%		
35) Dibromofluoromethane	5.379	113	60841	49.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	8.647	98	222580	50.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.160%		
62) 4-Bromofluorobenzene	11.079	95	75997	51.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24425	18.898	ug/l	98
3) Chloromethane	1.307	50	29444	18.616	ug/l	98
4) Vinyl Chloride	1.374	62	28450	18.132	ug/l	98
5) Bromomethane	1.593	94	11516	18.670	ug/l	97
6) Chloroethane	1.660	64	11560	15.973	ug/l	98
7) Trichlorofluoromethane	1.867	101	39715	19.120	ug/l	99
8) Diethyl Ether	2.136	74	14681	18.070	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	24000	20.111	ug/l	99
10) Methyl Iodide	2.441	142	26949	18.071	ug/l	98
11) Tert butyl alcohol	2.995	59	26234	84.802	ug/l	98
12) 1,1-Dichloroethene	2.306	96	22917	18.164	ug/l	97
13) Acrolein	2.233	56	42959	120.129	ug/l	99
14) Allyl chloride	2.654	41	44373	19.758	ug/l	98
15) Acrylonitrile	3.062	53	77891	93.945	ug/l	100
16) Acetone	2.386	43	67116	88.572	ug/l	100
17) Carbon Disulfide	2.501	76	60232	17.924	ug/l	99
18) Methyl Acetate	2.703	43	33723	18.499	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	78617	18.573	ug/l	98
20) Methylene Chloride	2.782	84	26850	17.888	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	23488	18.844	ug/l	96
22) Diisopropyl ether	3.757	45	87045	19.058	ug/l #	85
23) Vinyl Acetate	3.715	43	374531	98.261	ug/l	99
24) 1,1-Dichloroethane	3.599	63	46160	18.033	ug/l	98
25) 2-Butanone	4.562	43	109404	95.917	ug/l	99
26) 2,2-Dichloropropane	4.465	77	32128	26.759	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	29097	18.910	ug/l	98
28) Bromochloromethane	4.897	49	22096	18.110	ug/l	98
29) Tetrahydrofuran	5.007	42	71959	93.943	ug/l	100
30) Chloroform	5.080	83	47136	18.533	ug/l	94
31) Cyclohexane	5.458	56	43569	19.608	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	38625	18.803	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31171	18.539	ug/l	97
37) Ethyl Acetate	4.715	43	41163	19.000	ug/l	99
38) Carbon Tetrachloride	5.672	117	32036	18.768	ug/l	93
39) Methylcyclohexane	7.373	83	43300	21.493	ug/l	97
40) Benzene	6.031	78	102719	19.347	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22353	19.081	ug/l	98
42) 1,2-Dichloroethane	6.086	62	36431	19.055	ug/l	98
43) Isopropyl Acetate	6.342	43	62918	19.639	ug/l	99
44) Trichloroethene	7.117	130	23736	19.040	ug/l	89
45) 1,2-Dichloropropane	7.427	63	25968	19.023	ug/l	97
46) Dibromomethane	7.580	93	18730	19.412	ug/l	99
47) Bromodichloromethane	7.818	83	35890	18.964	ug/l	98
48) Methyl methacrylate	7.690	41	31227	19.429	ug/l	99
49) 1,4-Dioxane	7.665	88	13374	394.478	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	215285	100.083	ug/l	99
52) Toluene	8.714	92	62012	19.907	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31552	19.942	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37263	20.197	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	25421	19.823	ug/l	97
56) Ethyl methacrylate	9.116	69	38375	19.686	ug/l	97
57) 1,3-Dichloropropane	9.305	76	43601	19.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	98607	103.699	ug/l	99
59) 2-Hexanone	9.427	43	156586	100.470	ug/l	99
60) Dibromochloromethane	9.519	129	25707	19.172	ug/l	97
61) 1,2-Dibromoethane	9.610	107	25351	19.802	ug/l	100
64) Tetrachloroethene	9.269	164	20506	19.717	ug/l	94
65) Chlorobenzene	10.079	112	67717	19.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21552	18.835	ug/l	98
67) Ethyl Benzene	10.189	91	118363	19.770	ug/l	100
68) m/p-Xylenes	10.299	106	89858	41.000	ug/l	98
69) o-Xylene	10.640	106	43790	19.810	ug/l	98
70) Styrene	10.652	104	72492	20.268	ug/l	99
71) Bromoform	10.799	173	16021	18.567	ug/l #	99
73) Isopropylbenzene	10.957	105	112773	19.694	ug/l	99
74) N-amyl acetate	10.841	43	51992	19.350	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39599	18.845	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31916m	18.691	ug/l	
77) Bromobenzene	11.195	156	25894	19.166	ug/l	98
78) n-propylbenzene	11.299	91	128893	19.926	ug/l	100
79) 2-Chlorotoluene	11.360	91	78548	19.067	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93040	20.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9730	19.501	ug/l	95
82) 4-Chlorotoluene	11.451	91	89378	19.907	ug/l	99
83) tert-Butylbenzene	11.713	119	91865	19.310	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	92622	19.881	ug/l	100
85) sec-Butylbenzene	11.890	105	115708	20.305	ug/l	100
86) p-Isopropyltoluene	12.006	119	93388	20.278	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47023	19.510	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47637	19.536	ug/l	98
89) n-Butylbenzene	12.329	91	80942	20.407	ug/l	99
90) Hexachloroethane	12.536	117	15192	18.238	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	47753	19.751	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7566	18.482	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	28524	20.719	ug/l	97
94) Hexachlorobutadiene	13.725	225	11519	20.409	ug/l	99
95) Naphthalene	13.774	128	106178	20.074	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29563	20.355	ug/l	99

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MSVOA_X
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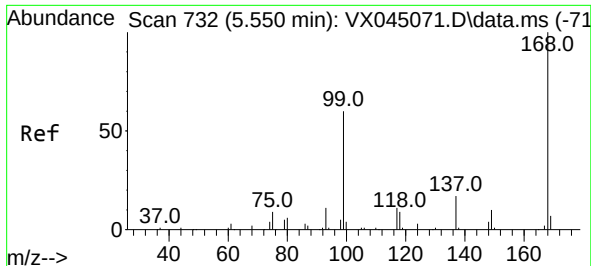
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

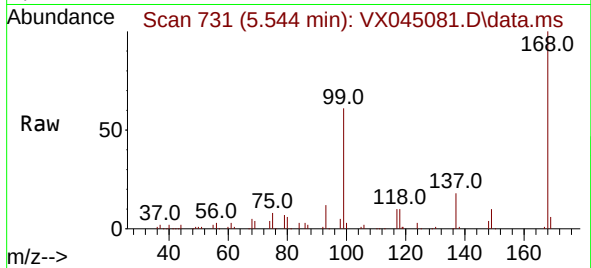
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045081.D
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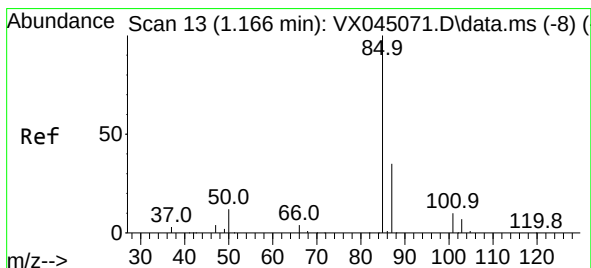
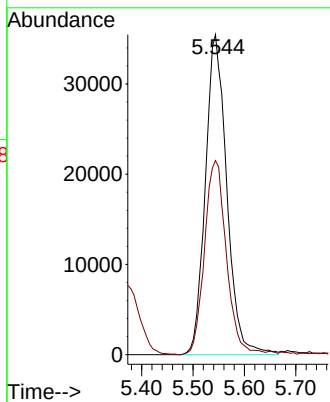
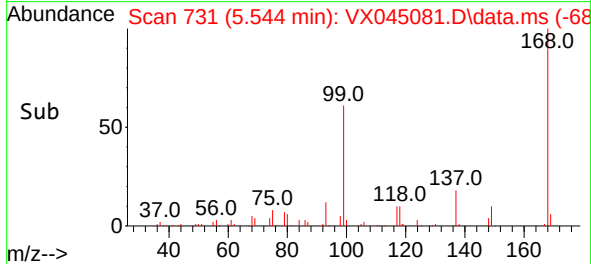
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:168 Resp: 102670
Ion Ratio Lower Upper
168 100
99 60.6 48.2 72.4

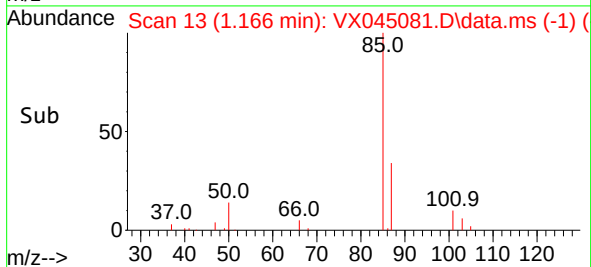
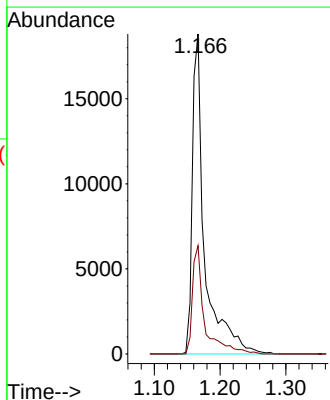
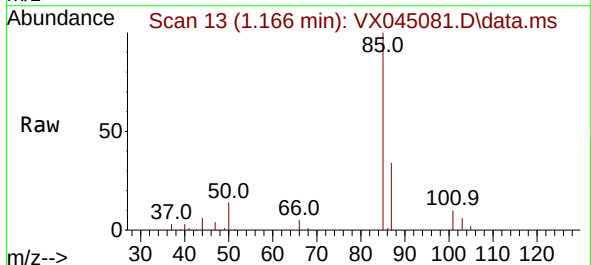
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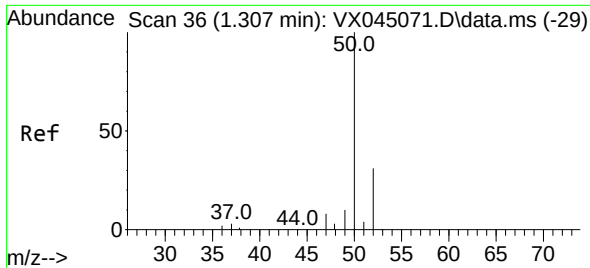
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#2
Dichlorodifluoromethane
Concen: 18.898 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

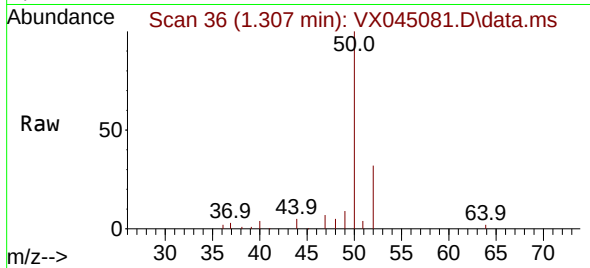
Tgt Ion: 85 Resp: 24425
Ion Ratio Lower Upper
85 100
87 33.9 17.4 52.3





#3
Chloromethane
Concen: 18.616 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

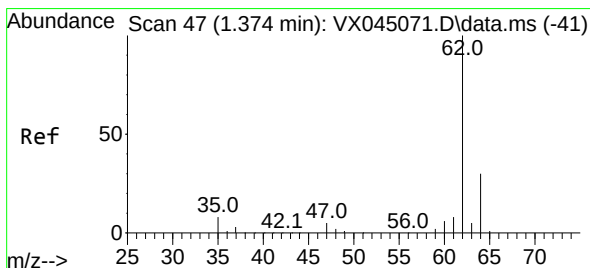
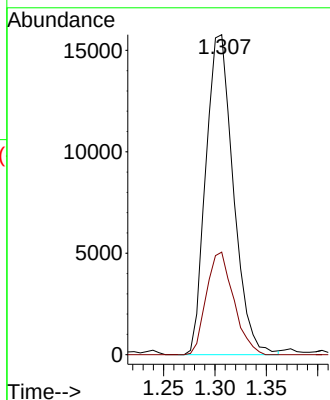
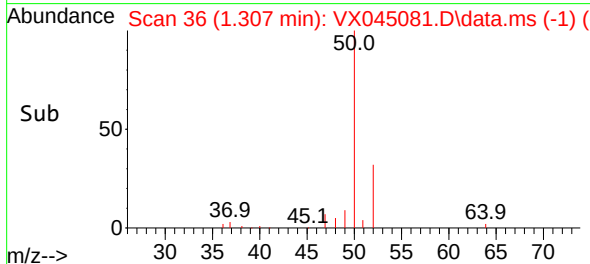
Instrument :
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VX0228WBSD01



Tgt Ion: 50 Resp: 2944
Ion Ratio Lower Upper
50 100
52 32.0 25.0 37.4

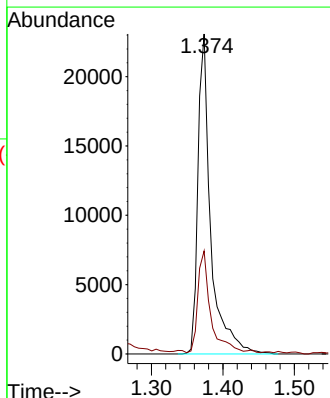
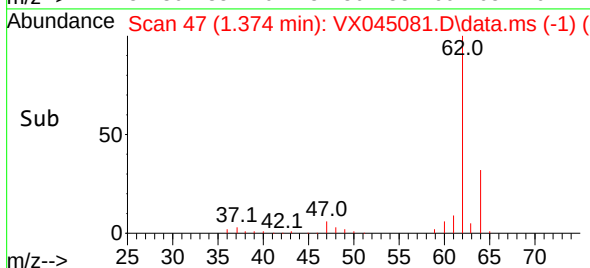
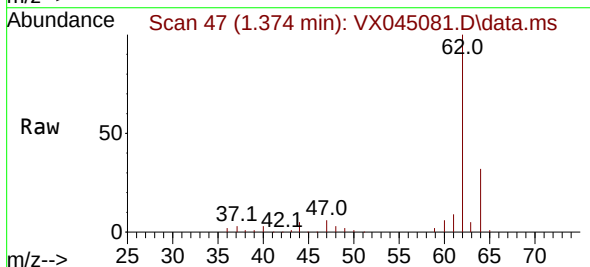
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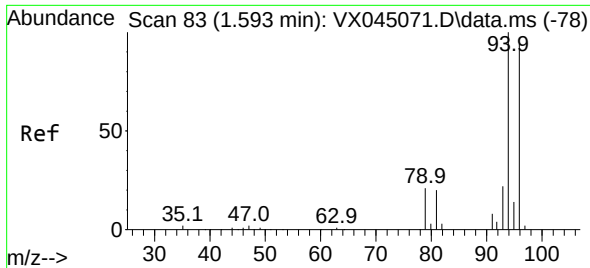
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#4
Vinyl Chloride
Concen: 18.132 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

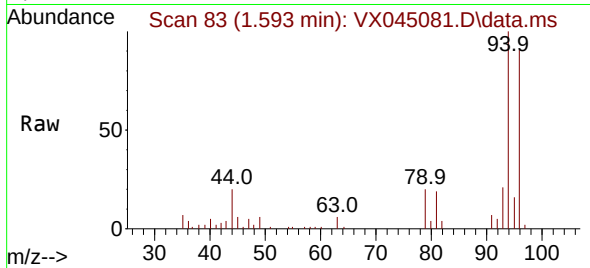
Tgt Ion: 62 Resp: 28450
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5
Bromomethane
Concen: 18.670 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

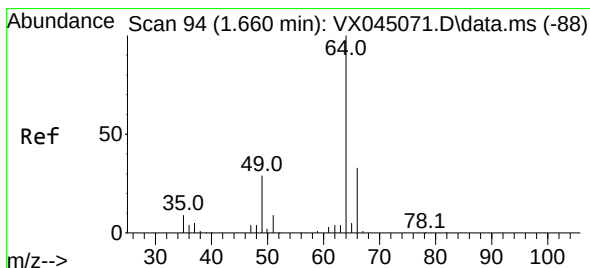
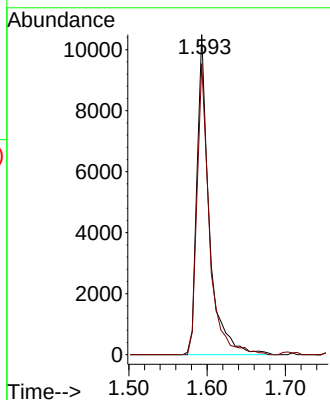
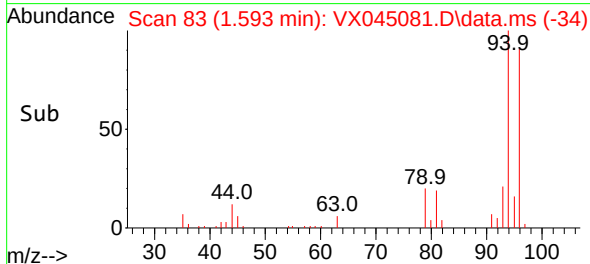
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 11510
Ion Ratio Lower Upper
94 100
96 91.0 75.0 112.4

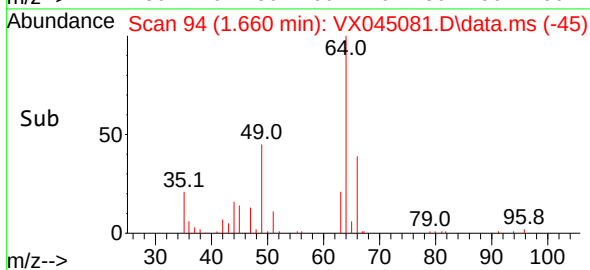
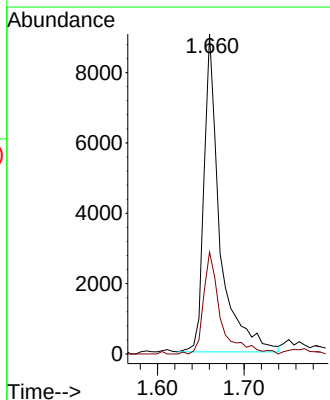
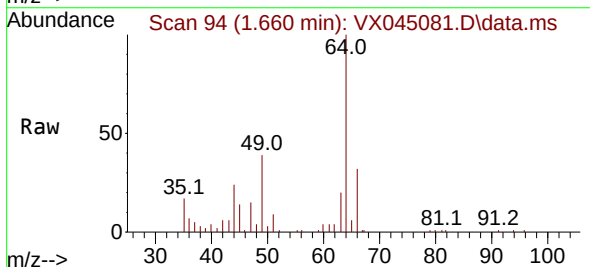
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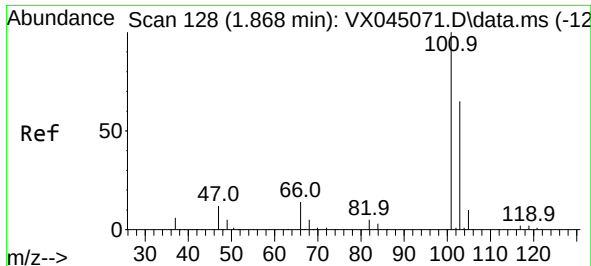
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#6
Chloroethane
Concen: 15.973 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045081.D
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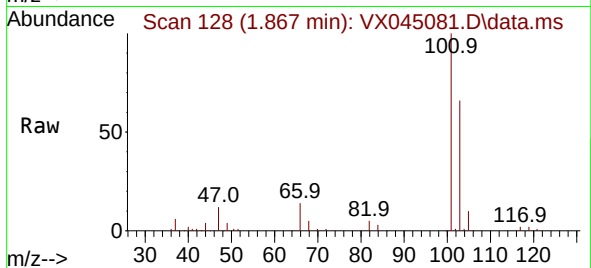
Tgt Ion: 64 Resp: 11560
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 19.120 ug/l
RT: 1.867 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX045081.D
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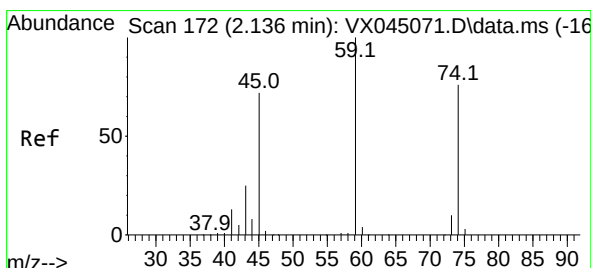
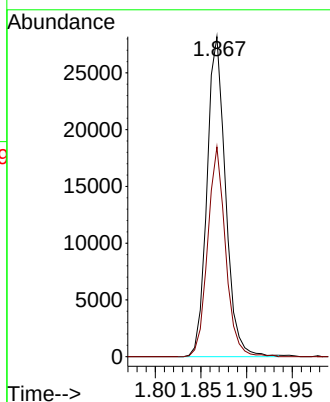
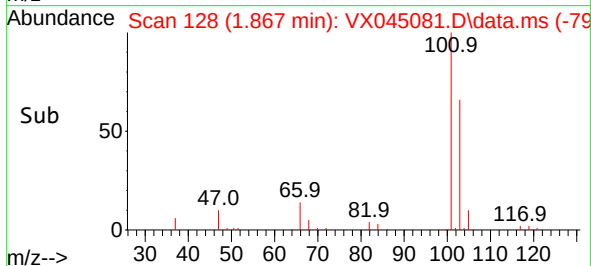
Instrument :
MSVOA_X
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VX0228WBSD01



Tgt Ion:101 Resp: 39715
Ion Ratio Lower Upper
101 100
103 65.6 52.1 78.1

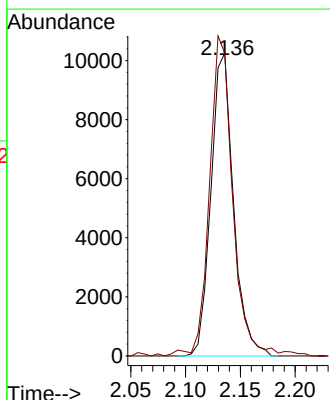
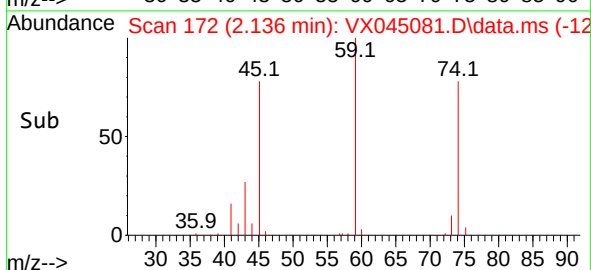
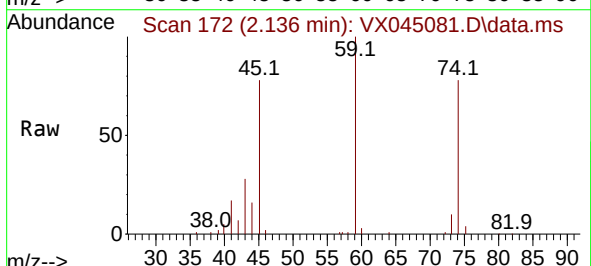
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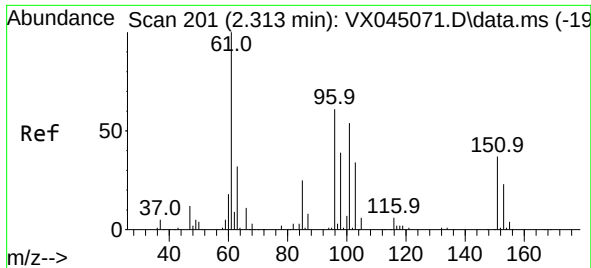
Reviewed By :John Carlone 02/28/2025
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#8
Diethyl Ether
Concen: 18.070 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 74 Resp: 14681
Ion Ratio Lower Upper
74 100
45 109.2 51.5 154.5





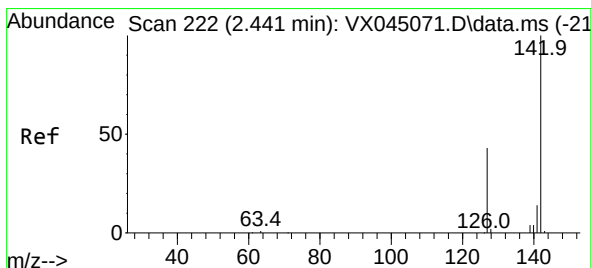
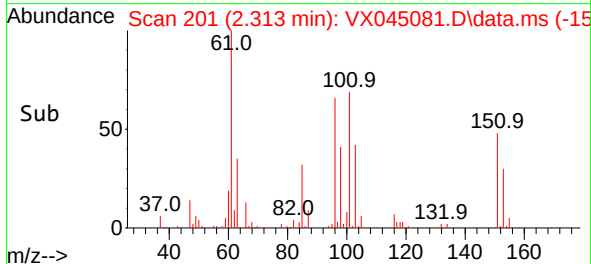
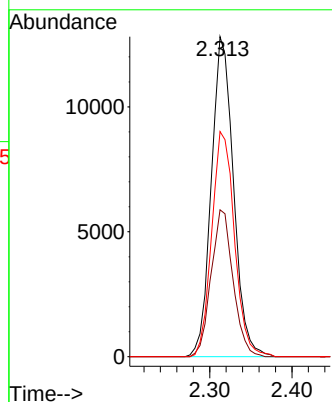
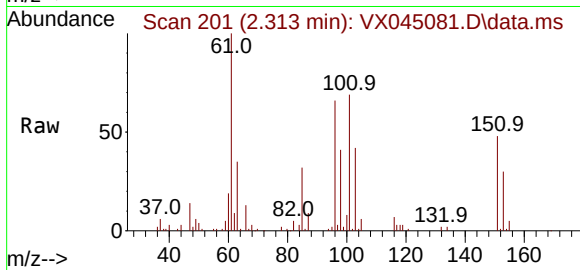
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.111 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045081.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:101 Resp: 24000
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.4
151 72.1 56.4 84.6

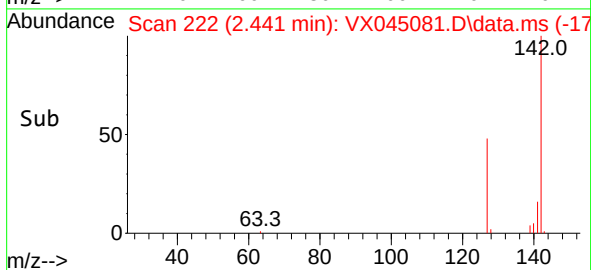
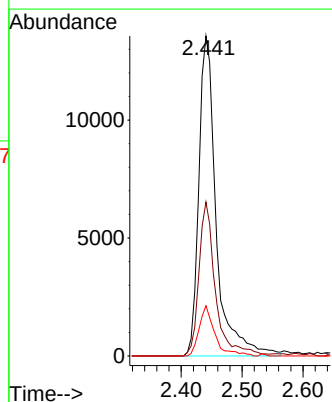
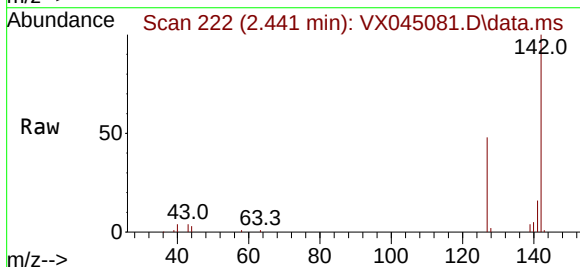
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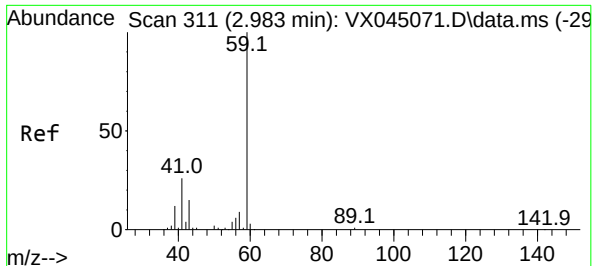
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#10
Methyl Iodide
Concen: 18.071 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion:142 Resp: 26949
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.2
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 84.802 ug/l

RT: 2.995 min Scan# 311

Delta R.T. 0.012 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 59 Resp: 26234

Ion Ratio Lower Upper

59 100

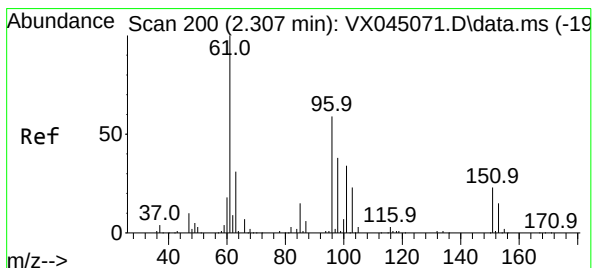
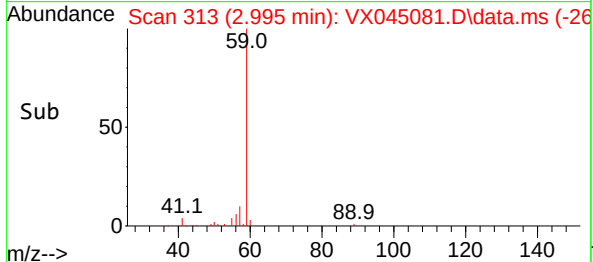
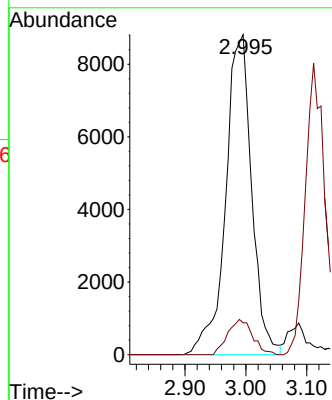
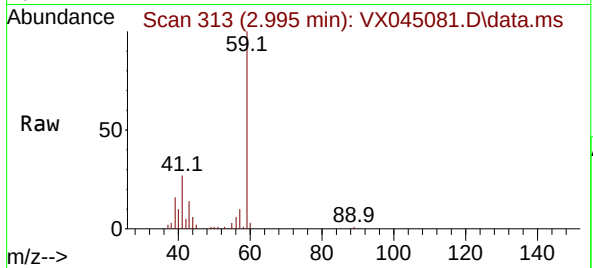
57 10.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#12

1,1-Dichloroethene

Concen: 18.164 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

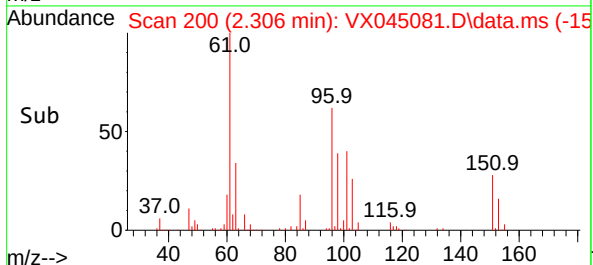
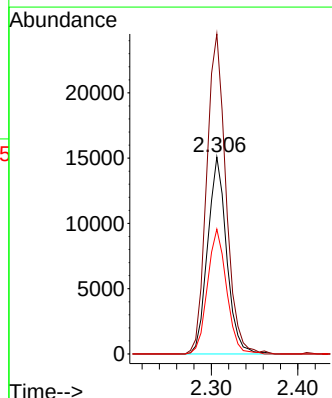
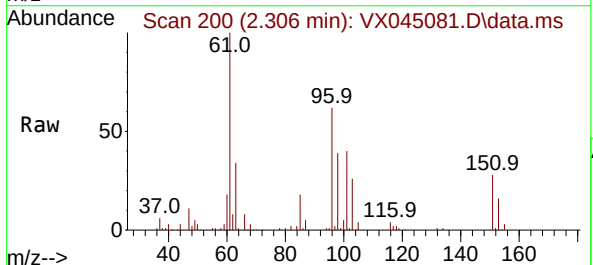
Tgt Ion: 96 Resp: 22917

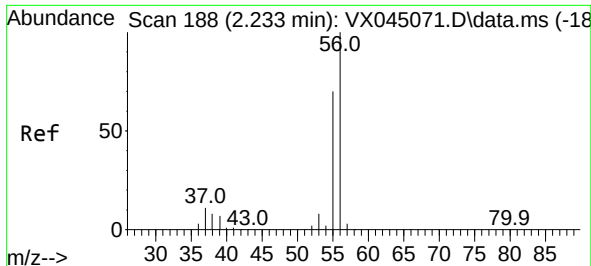
Ion Ratio Lower Upper

96 100

61 162.5 134.6 202.0

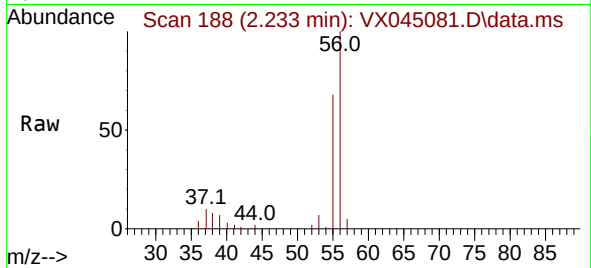
98 63.4 51.0 76.6





#13
Acrolein
Concen: 120.129 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

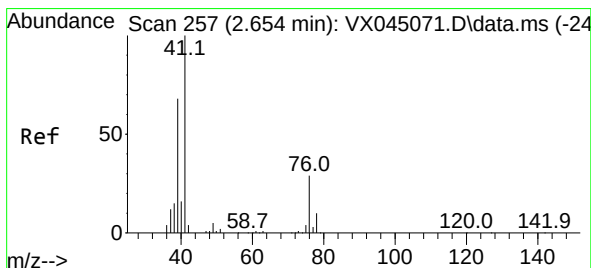
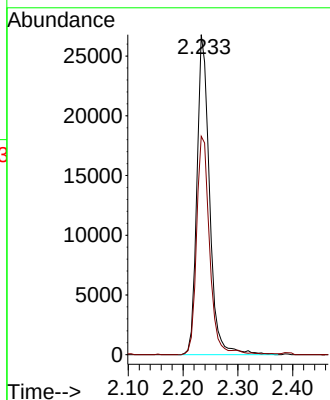
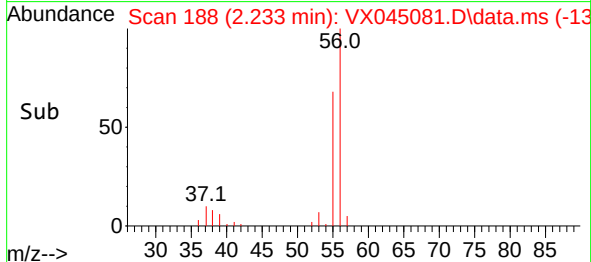
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 56 Resp: 42958
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.4

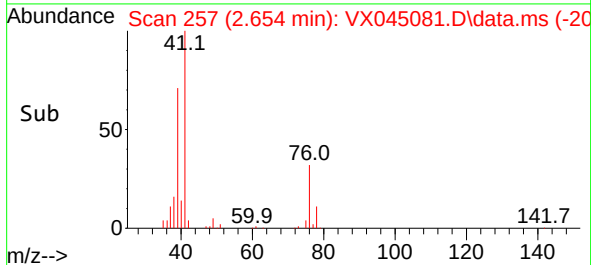
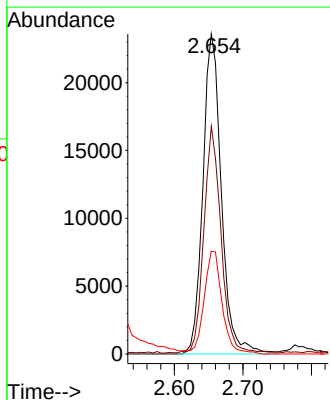
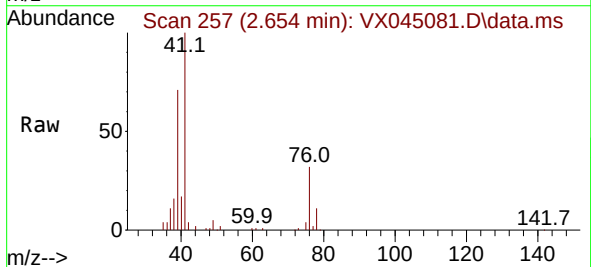
Manual Integrations
APPROVED

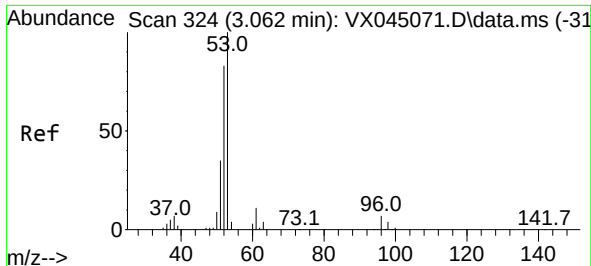
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#14
Allyl chloride
Concen: 19.758 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

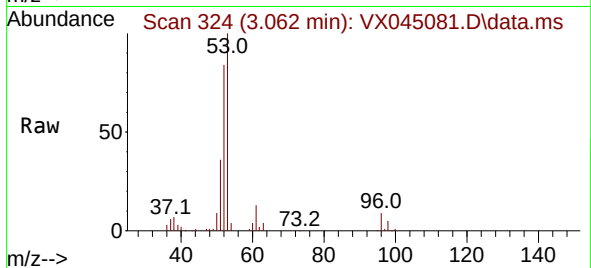
Tgt Ion: 41 Resp: 44373
Ion Ratio Lower Upper
41 100
39 65.6 53.8 80.8
76 31.4 25.2 37.8





#15
Acrylonitrile
Concen: 93.945 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

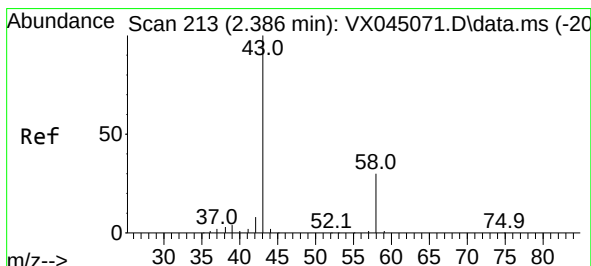
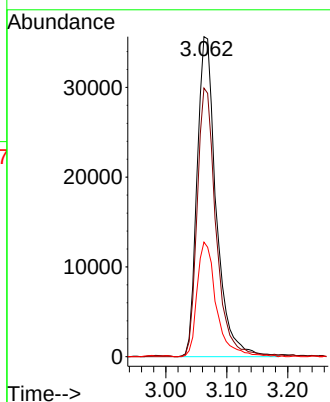
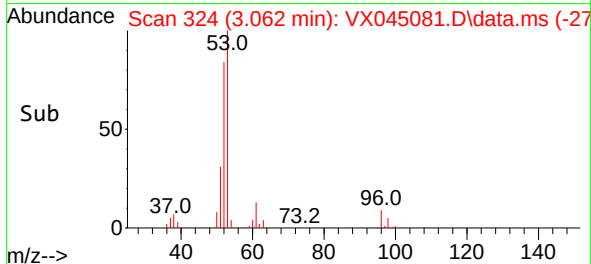
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



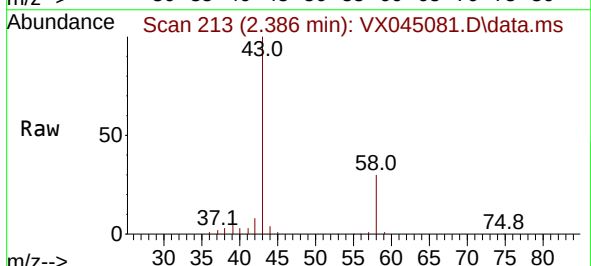
Tgt Ion: 53 Resp: 7789
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 36.1 29.0 43.4

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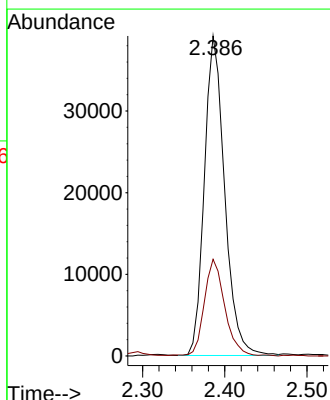
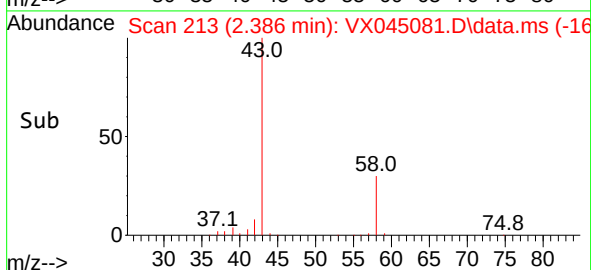
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

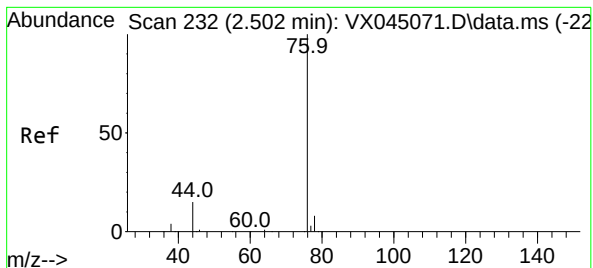


#16
Acetone
Concen: 88.572 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



Tgt Ion: 43 Resp: 67116
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.4





#17

Carbon Disulfide

Concen: 17.924 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 76 Resp: 6023

Ion Ratio Lower Upper

76 100

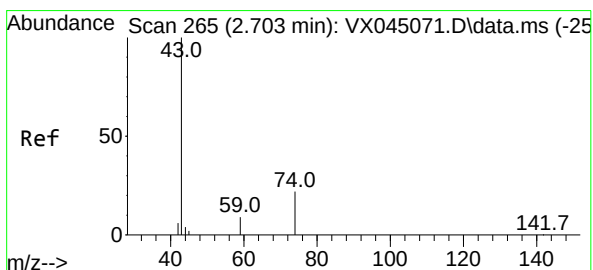
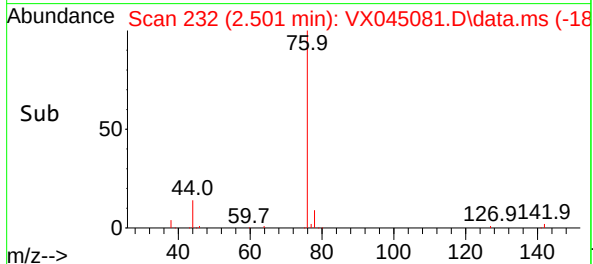
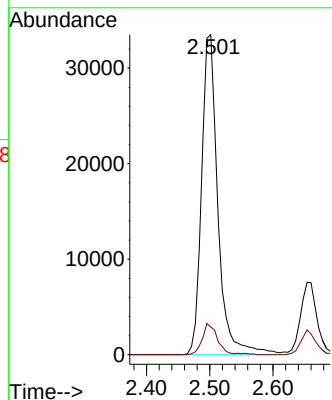
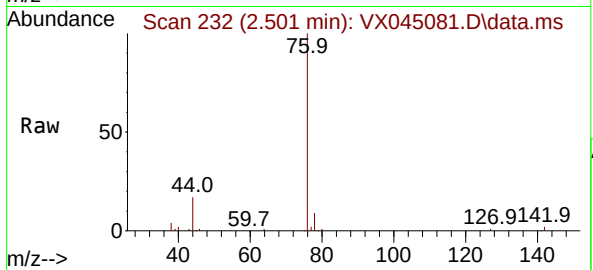
78 8.7 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#18

Methyl Acetate

Concen: 18.499 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045081.D

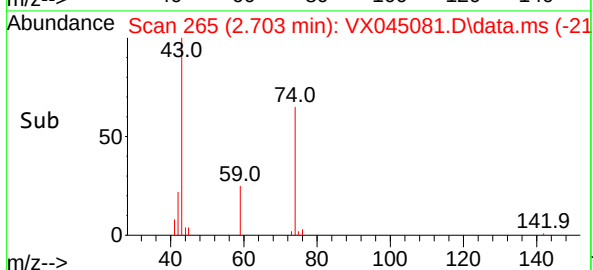
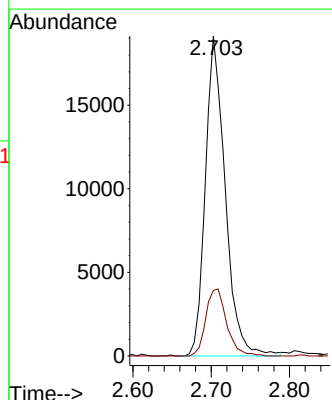
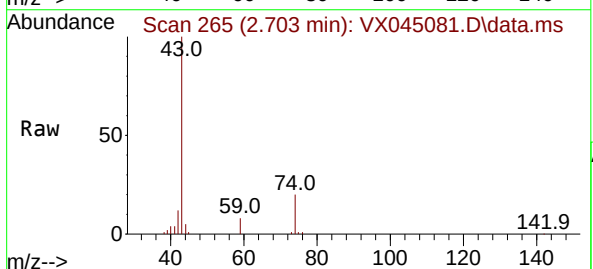
Acq: 28 Feb 2025 12:13

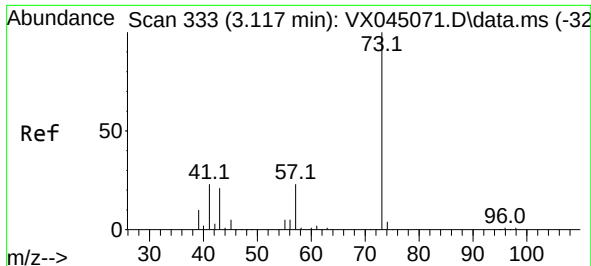
Tgt Ion: 43 Resp: 33723

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2





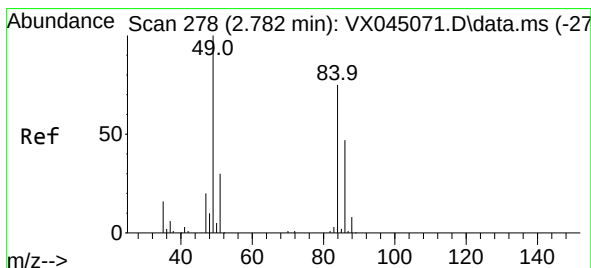
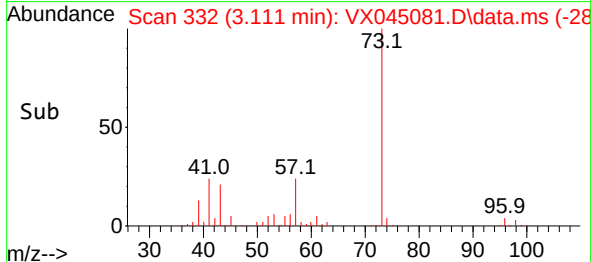
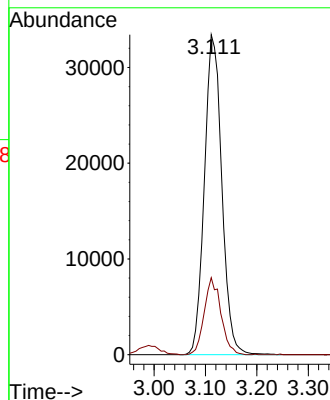
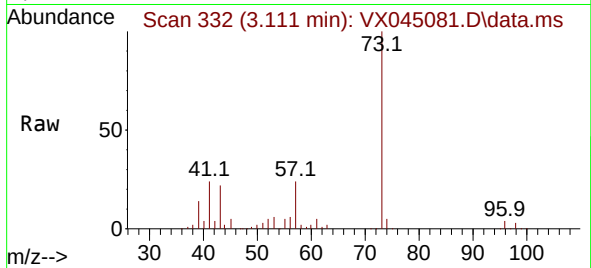
#19
Methyl tert-butyl Ether
Concen: 18.573 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 73 Resp: 7861
Ion Ratio Lower Upper
73 100
57 24.0 18.5 27.7

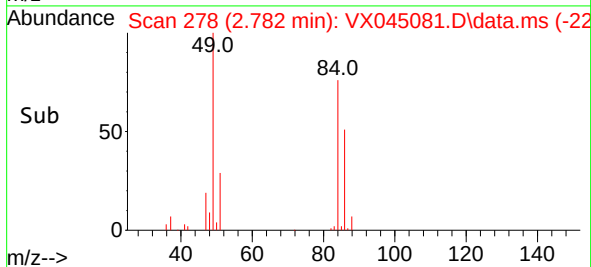
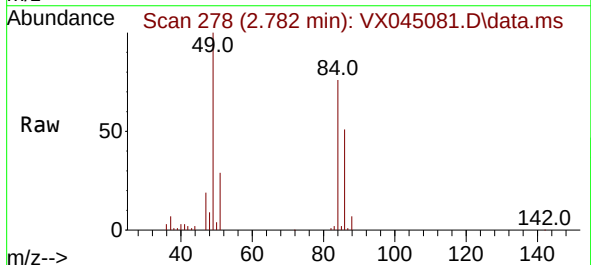
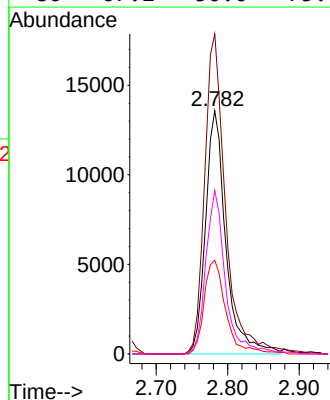
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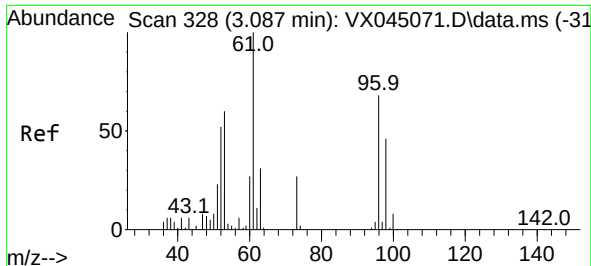
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#20
Methylene Chloride
Concen: 17.888 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

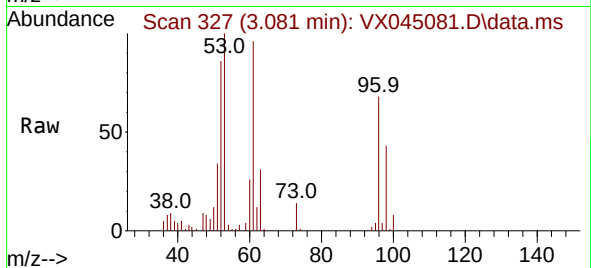
Tgt Ion: 84 Resp: 26850
Ion Ratio Lower Upper
84 100
49 131.5 106.5 159.7
51 38.6 32.1 48.1
86 67.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 18.844 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

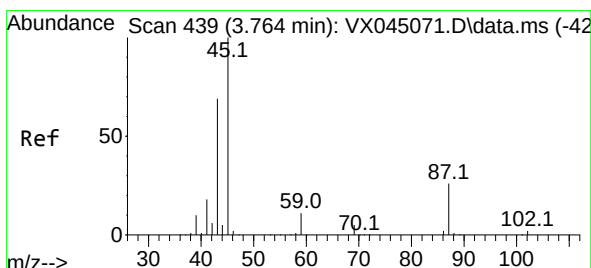
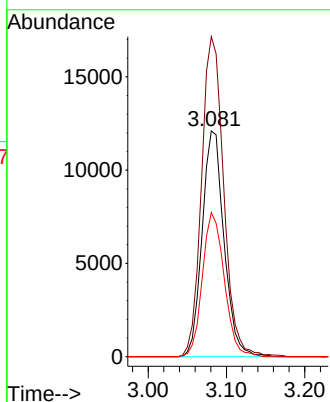
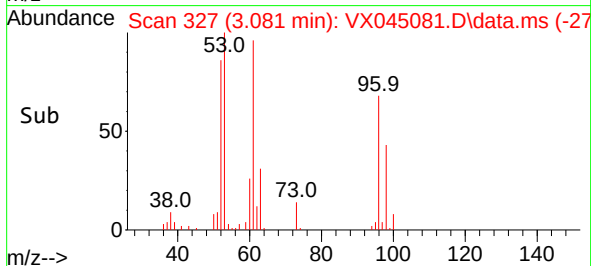
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 96 Resp: 2348
Ion Ratio Lower Upper
96 100
61 141.7 117.0 175.4
98 63.9 53.4 80.2

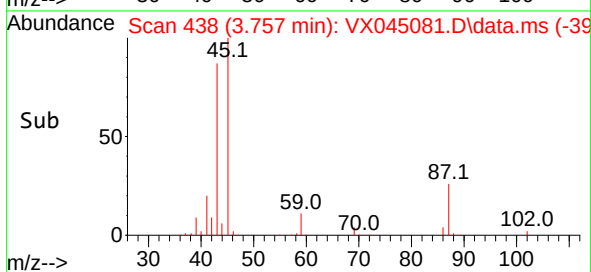
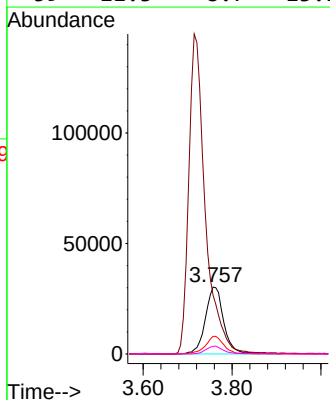
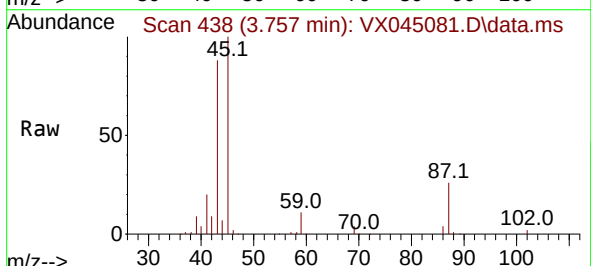
Manual Integrations
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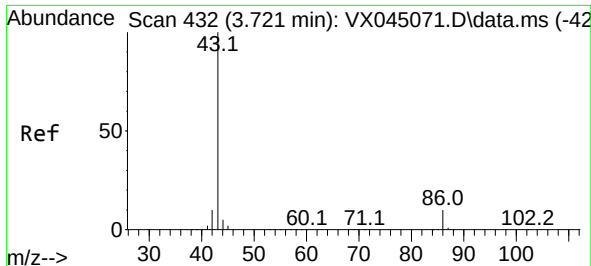
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#22
Diisopropyl ether
Concen: 19.058 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

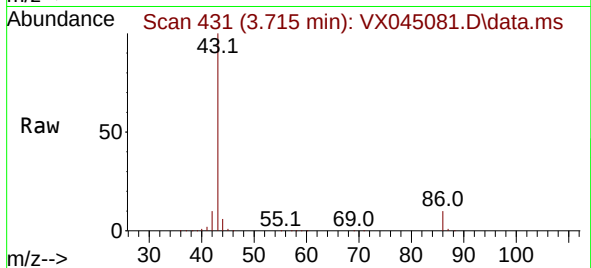
Tgt Ion: 45 Resp: 87045
Ion Ratio Lower Upper
45 100
43 86.6 54.9 82.3#
87 26.3 21.0 31.4
59 11.3 8.7 13.1





#23
 Vinyl Acetate
 Concen: 98.261 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045081.D
 Acq: 28 Feb 2025 12:13

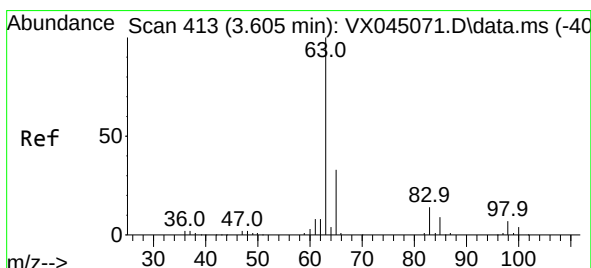
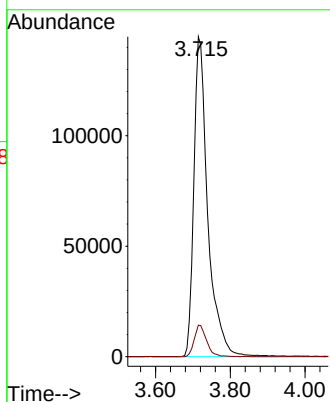
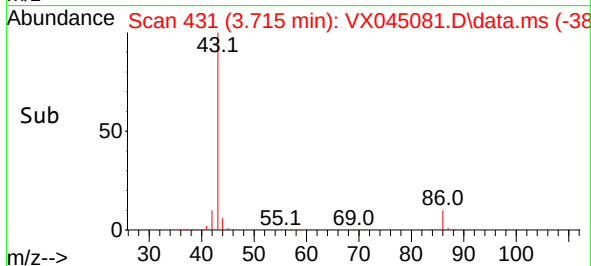
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01



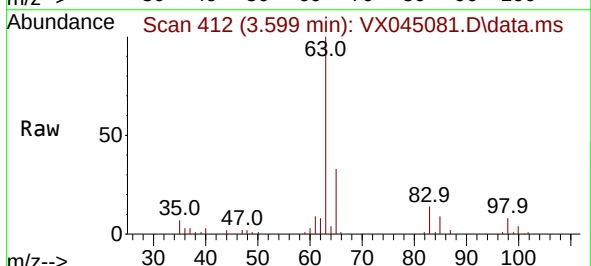
Tgt Ion: 43 Resp: 37453
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

Manual Integrations
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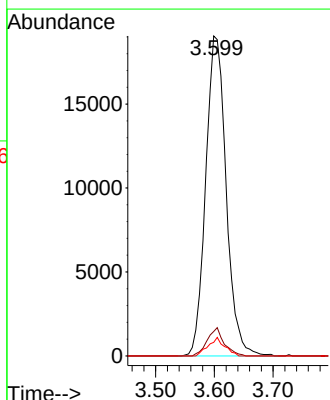
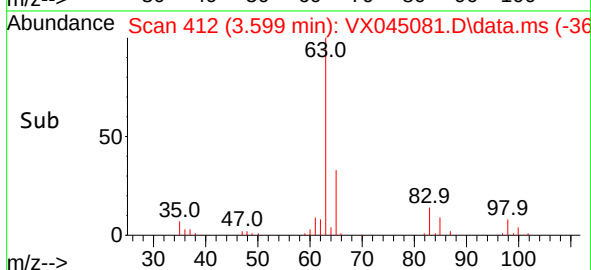
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 03/03/2025

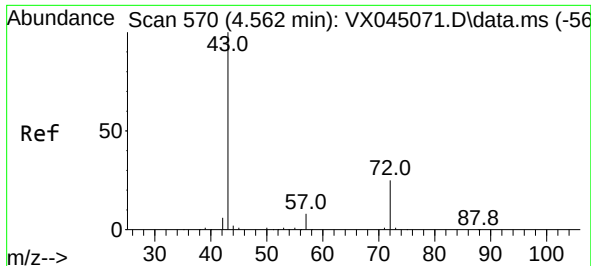


#24
 1,1-Dichloroethane
 Concen: 18.033 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045081.D
 Acq: 28 Feb 2025 12:13



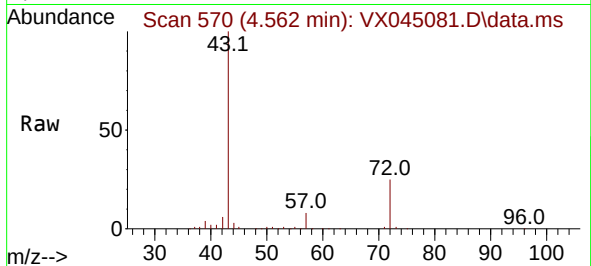
Tgt Ion: 63 Resp: 46160
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 95.917 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

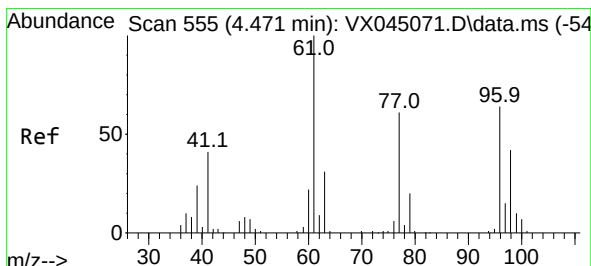
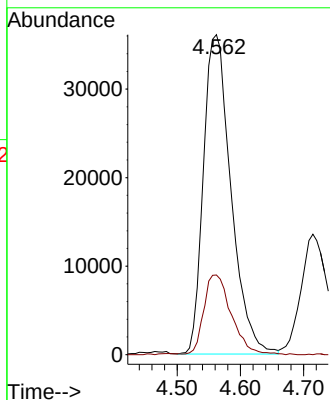
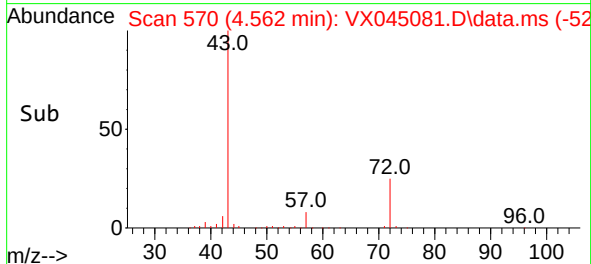
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 43 Resp: 109404
Ion Ratio Lower Upper
43 100
72 24.7 20.0 30.0

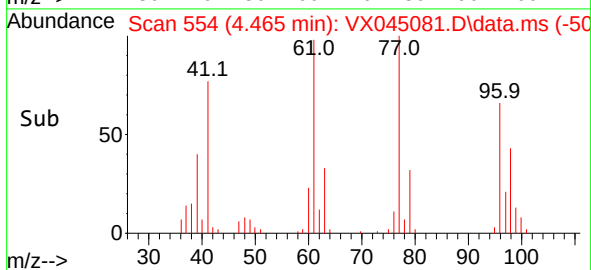
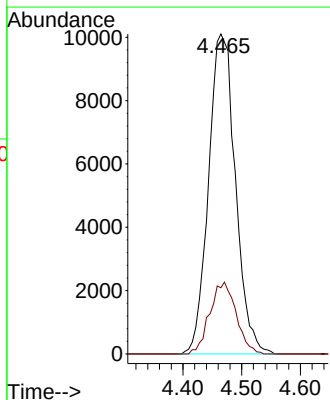
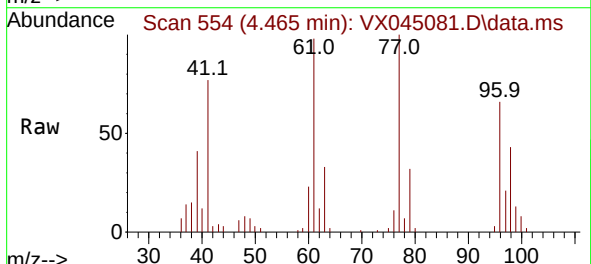
Manual Integrations
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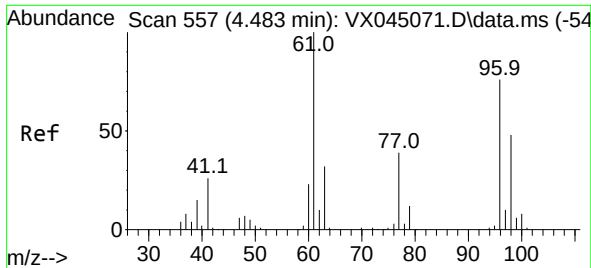
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#26
2,2-Dichloropropane
Concen: 26.759 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 77 Resp: 32128
Ion Ratio Lower Upper
77 100
97 22.0 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.910 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 96 Resp: 2909

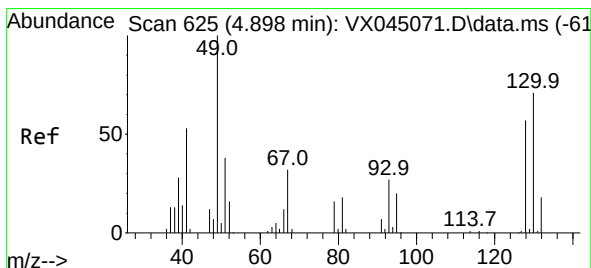
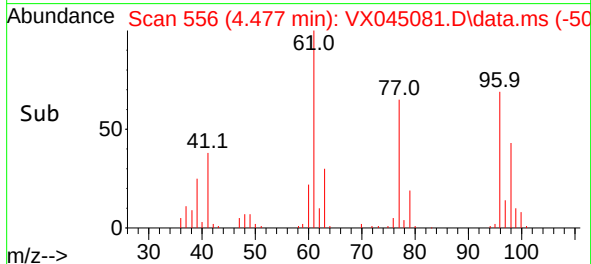
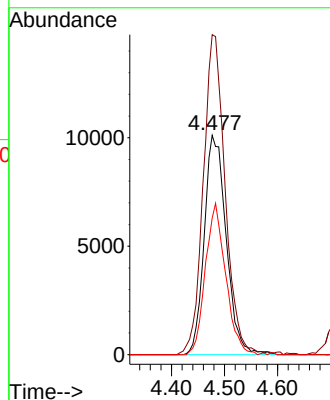
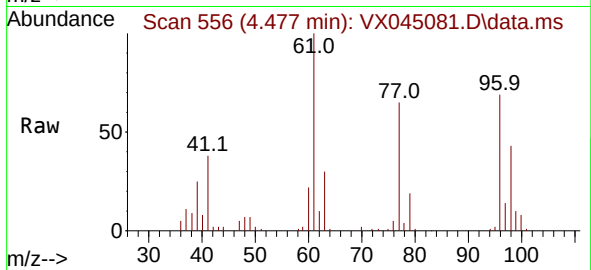
Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	283.2
98	63.8	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#28

Bromochloromethane

Concen: 18.110 ug/l

RT: 4.897 min Scan# 625

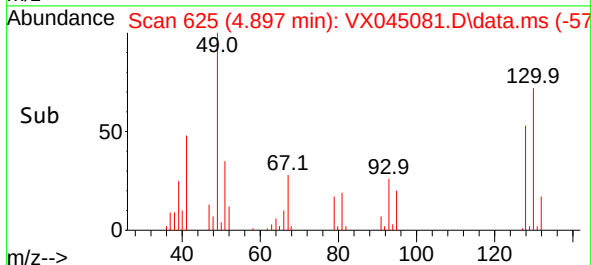
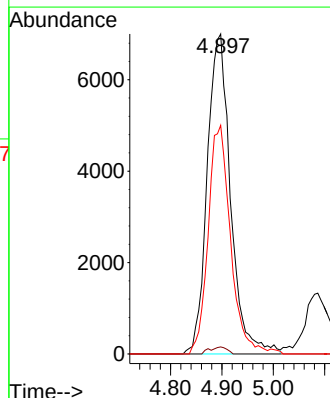
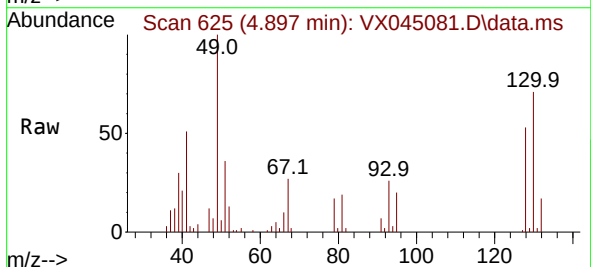
Delta R.T. -0.000 min

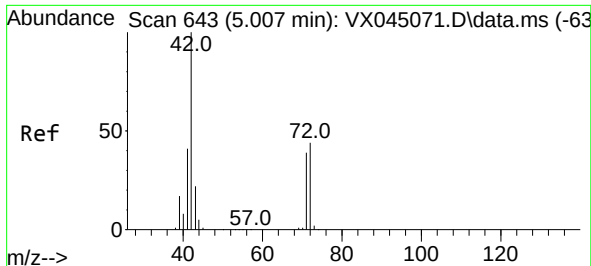
Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Tgt Ion: 49 Resp: 22096

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	68.1	56.1	84.1





#29

Tetrahydrofuran

Concen: 93.943 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

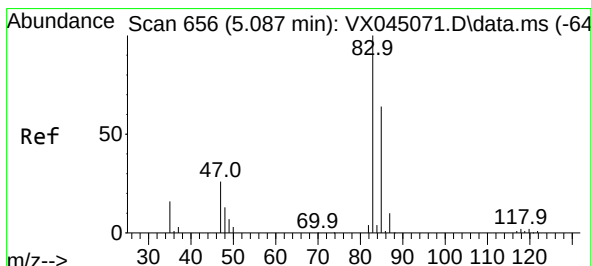
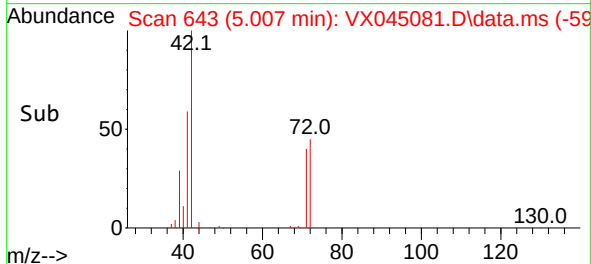
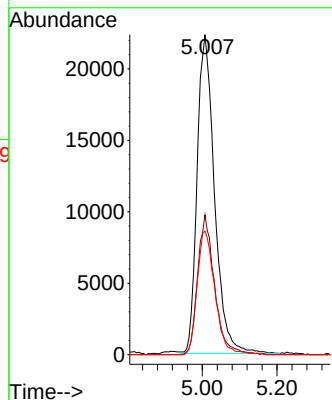
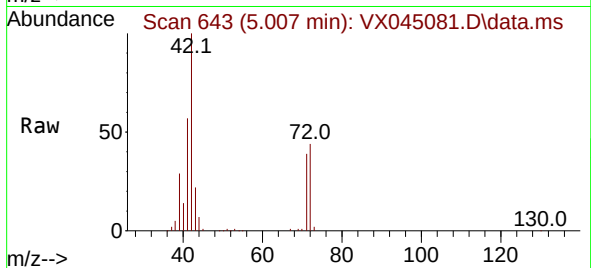
Tgt Ion:	42	Resp:	7195
Ion Ratio	Lower	Upper	
42	100		
72	42.5	34.1	51.1
71	39.5	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#30

Chloroform

Concen: 18.533 ug/l

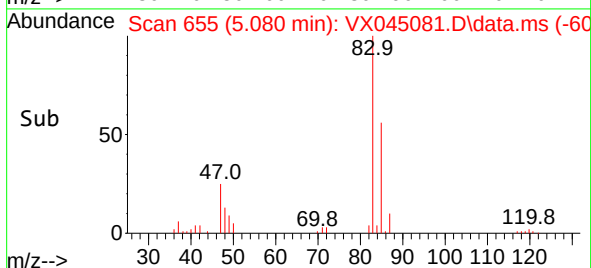
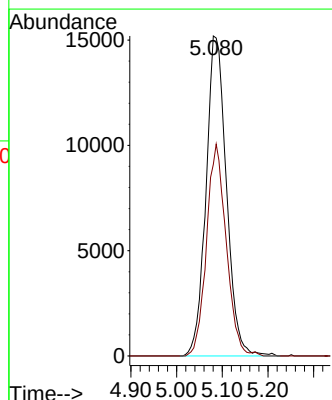
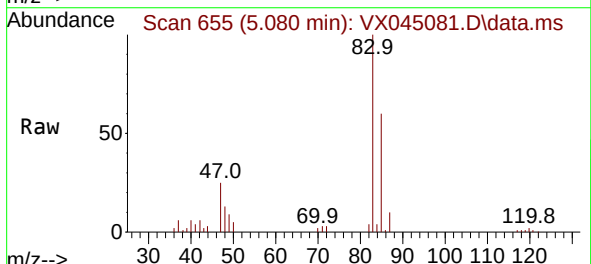
RT: 5.080 min Scan# 655

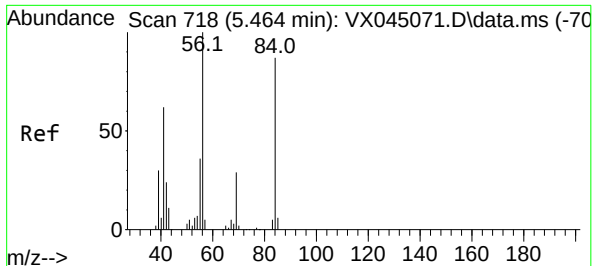
Delta R.T. -0.006 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

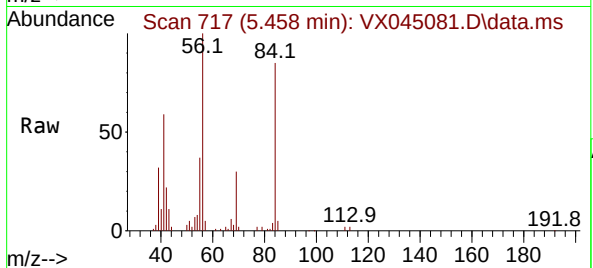
Tgt Ion:	83	Resp:	47136
Ion Ratio	Lower	Upper	
83	100		
85	59.8	51.4	77.2





#31
Cyclohexane
Concen: 19.608 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

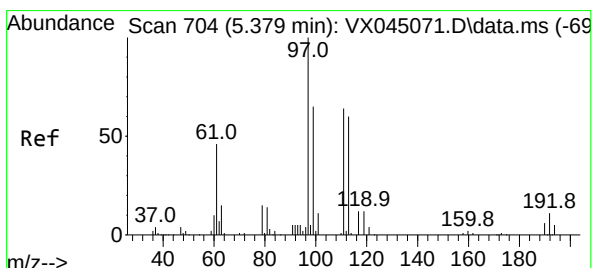
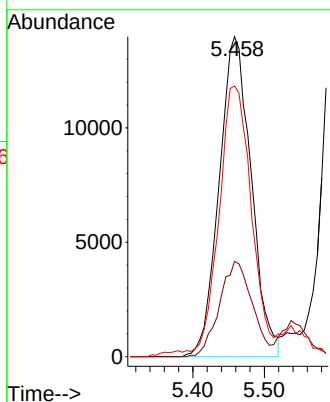
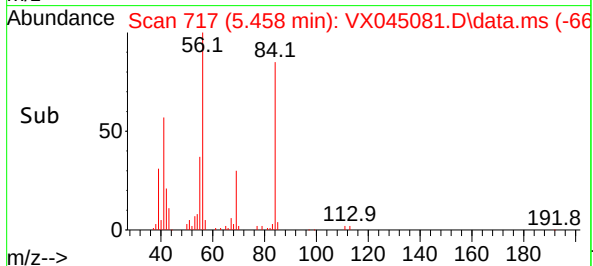
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 56 Resp: 43569
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 82.8 69.4 104.2

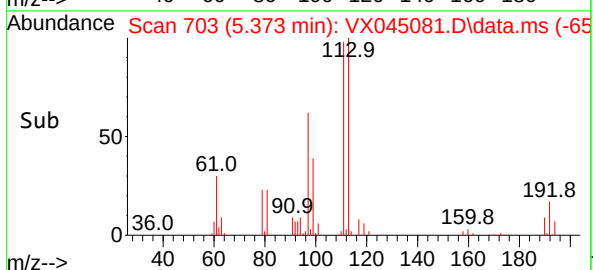
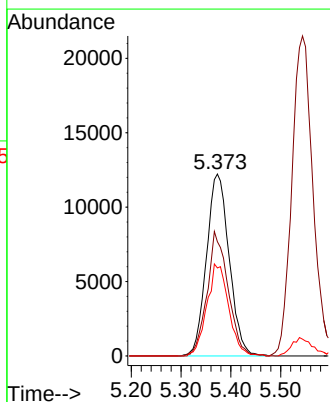
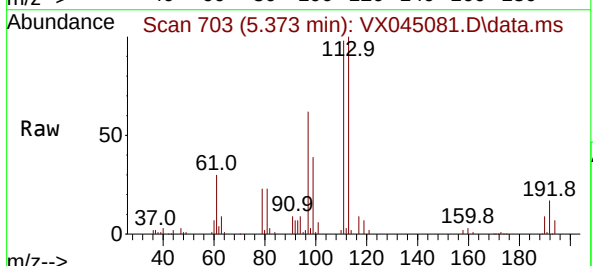
Manual Integrations
APPROVED

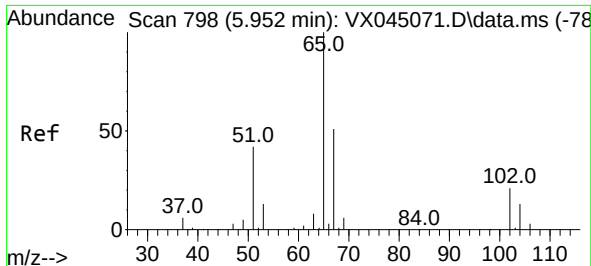
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.803 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 97 Resp: 38625
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 48.6 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 47.992 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 65 Resp: 7838

Ion Ratio Lower Upper

65 100

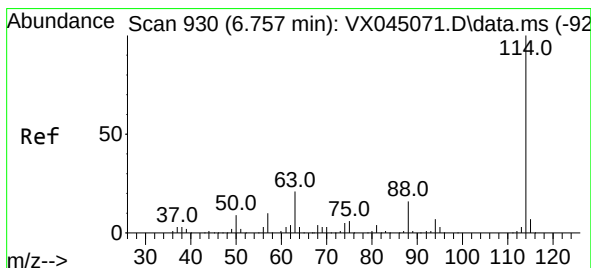
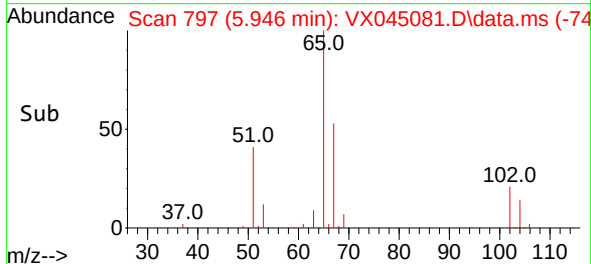
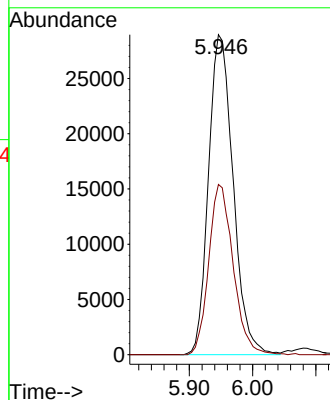
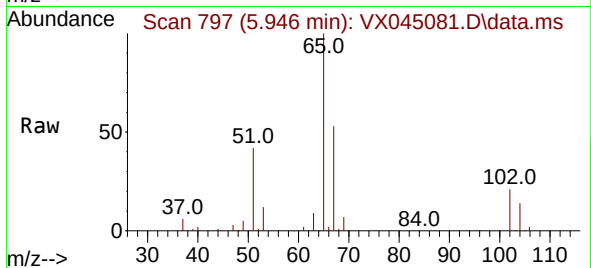
67 52.8 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

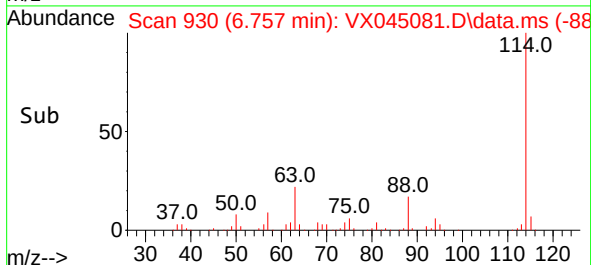
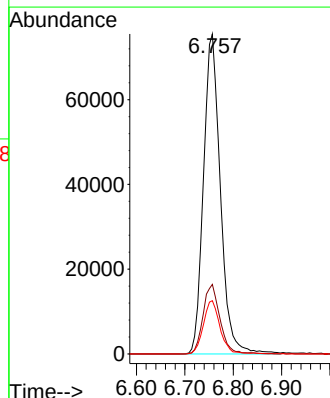
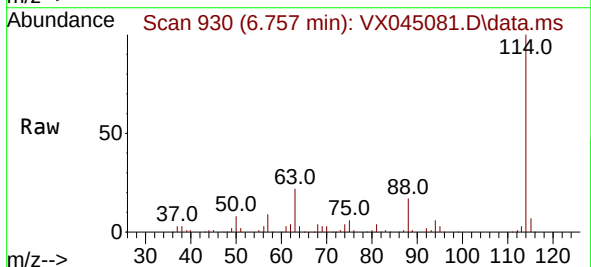
Tgt Ion:114 Resp: 183348

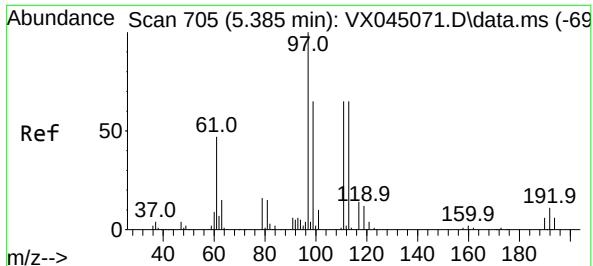
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

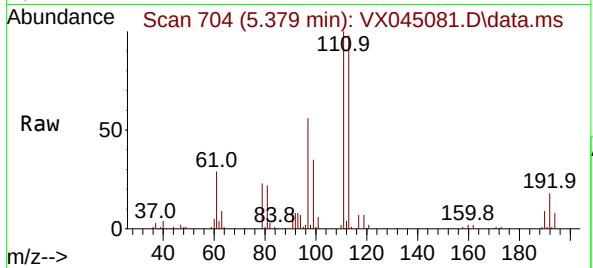
88 16.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.626 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

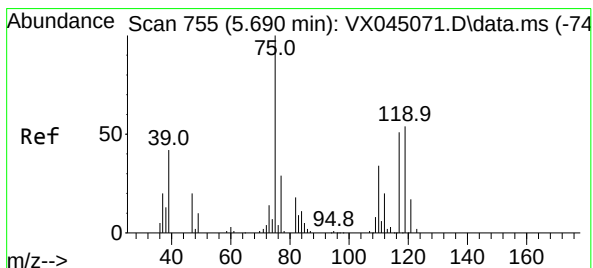
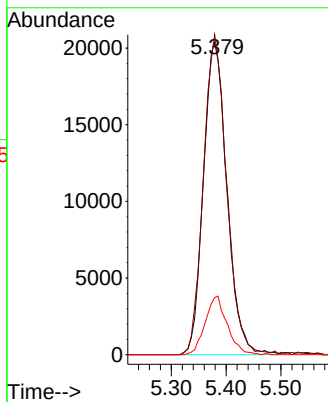
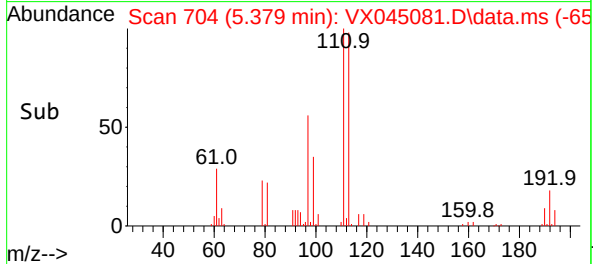
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 113 Resp: 6084
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.6
192 17.5 14.3 21.5

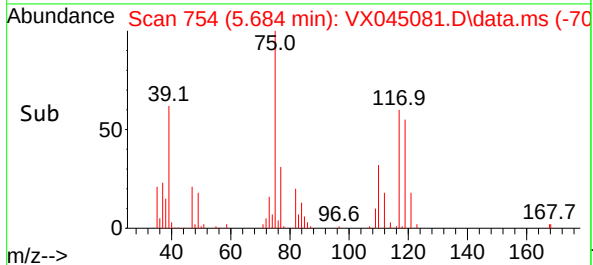
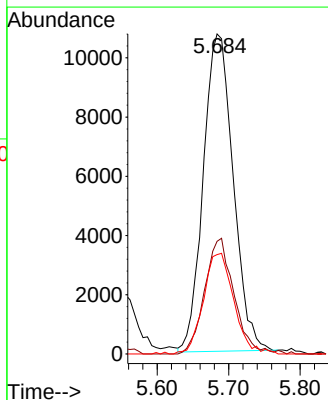
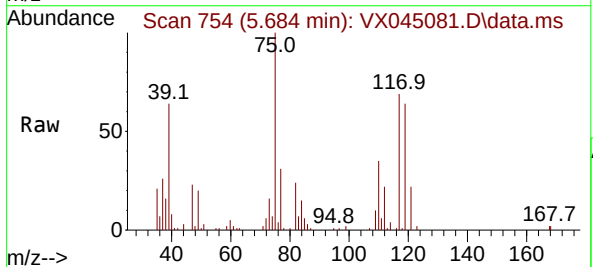
Manual Integrations
APPROVED

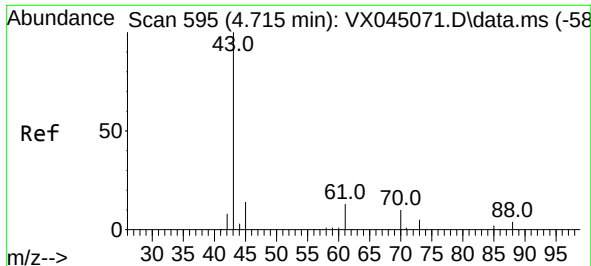
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#36
1,1-Dichloropropene
Concen: 18.539 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

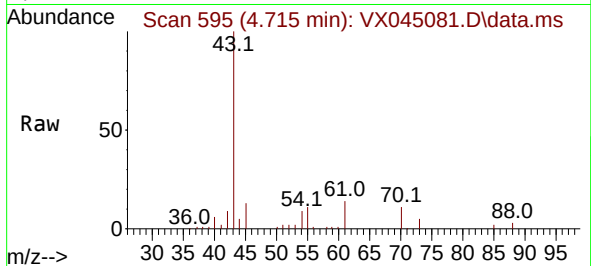
Tgt Ion: 75 Resp: 31171
Ion Ratio Lower Upper
75 100
110 35.7 16.9 50.6
77 32.2 24.5 36.7





#37
Ethyl Acetate
Concen: 19.000 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

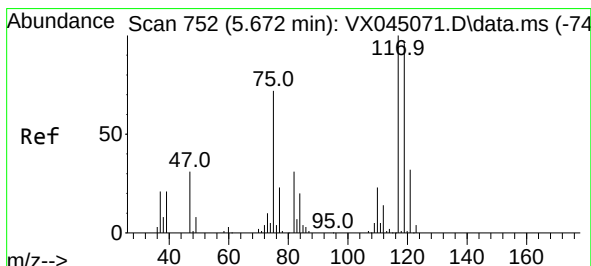
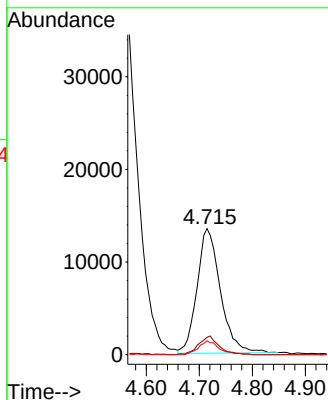
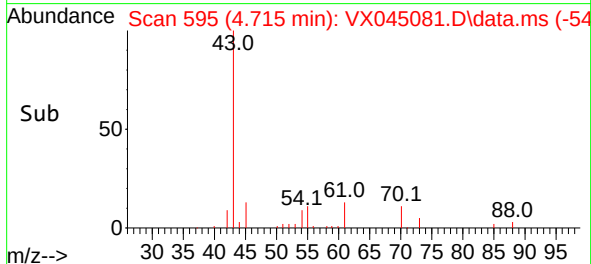
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 43 Resp: 4116
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 9.8 7.7 11.5

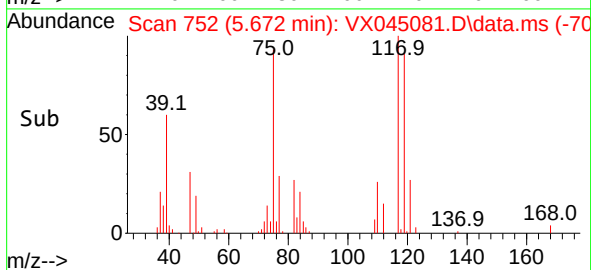
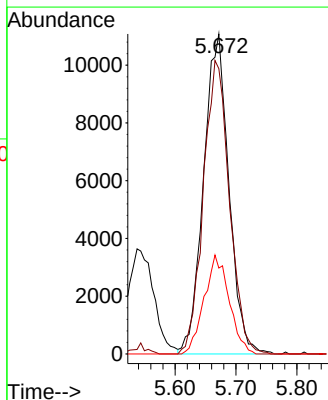
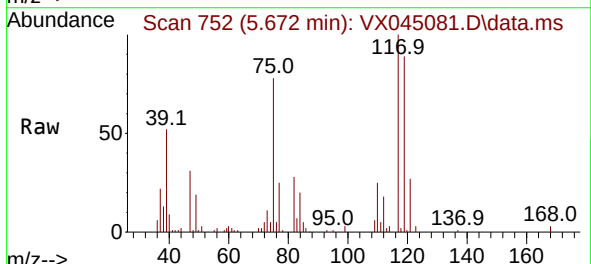
Manual Integrations
APPROVED

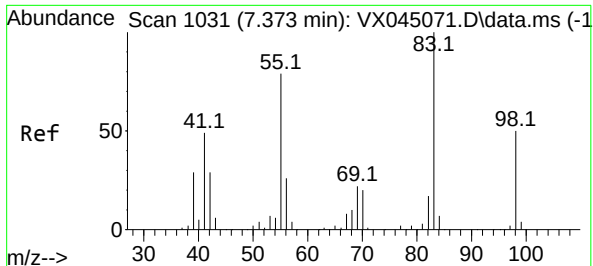
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#38
Carbon Tetrachloride
Concen: 18.768 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion:117 Resp: 32036
Ion Ratio Lower Upper
117 100
119 89.2 76.7 115.1
121 26.9 25.5 38.3





#39

Methylcyclohexane

Concen: 21.493 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 83 Resp: 43300

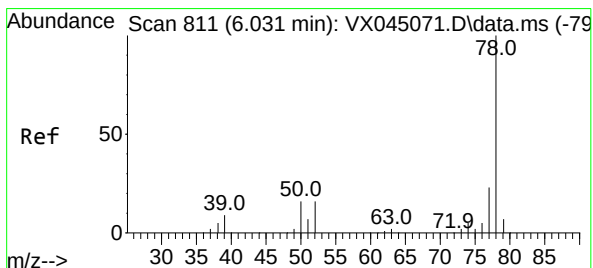
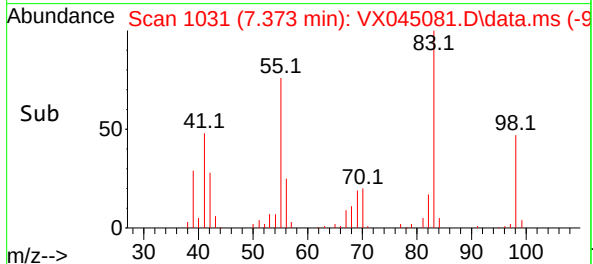
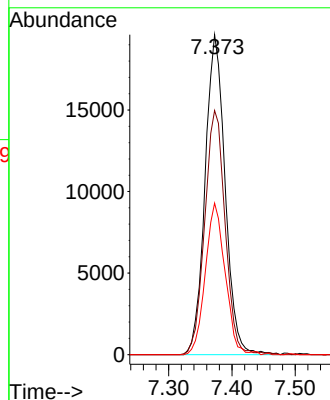
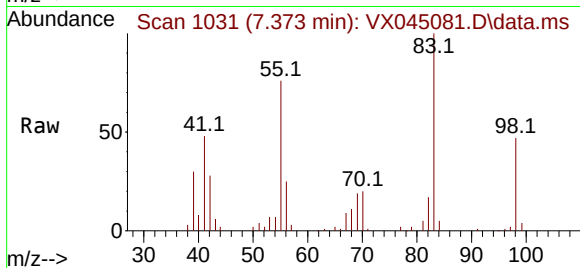
Ion	Ratio	Lower	Upper
83	100		
55	76.3	63.0	94.4
98	47.4	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#40

Benzene

Concen: 19.347 ug/l

RT: 6.031 min Scan# 811

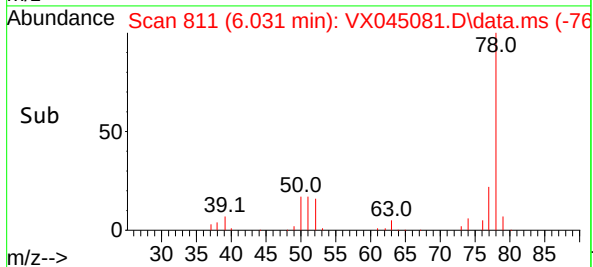
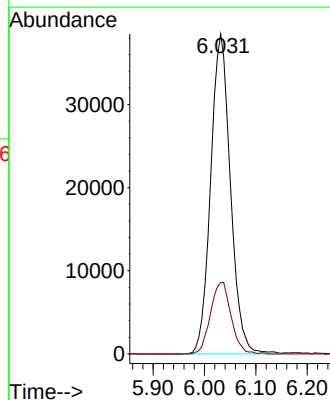
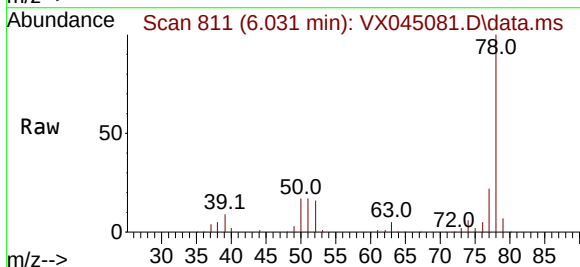
Delta R.T. -0.000 min

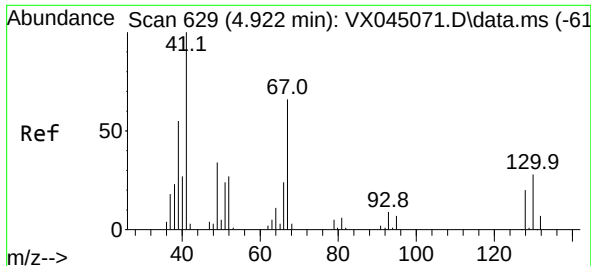
Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Tgt Ion: 78 Resp: 102719

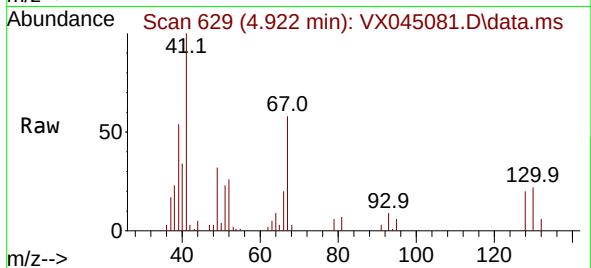
Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2





#41
Methacrylonitrile
Concen: 19.081 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

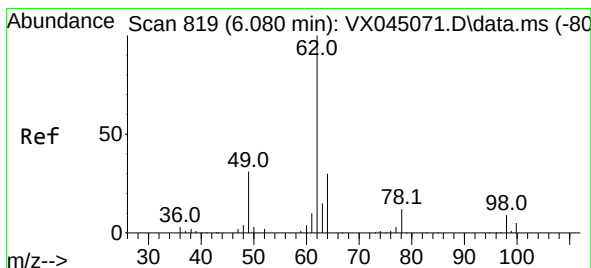
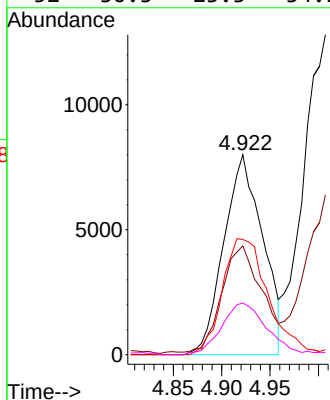
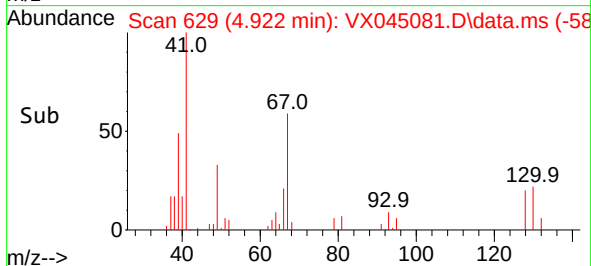
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 41	Resp: 2235
Ion Ratio	Lower Upper
41 100	
39 53.9	44.6 67.0
67 68.1	53.9 80.9
52 30.3	23.3 34.9

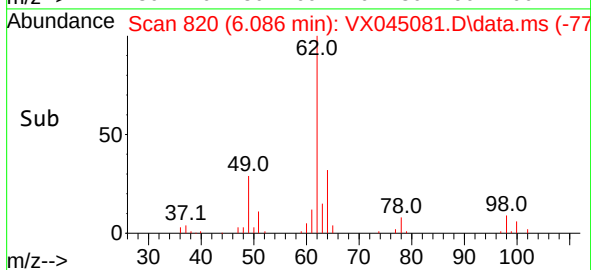
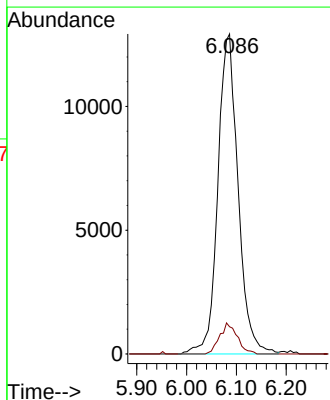
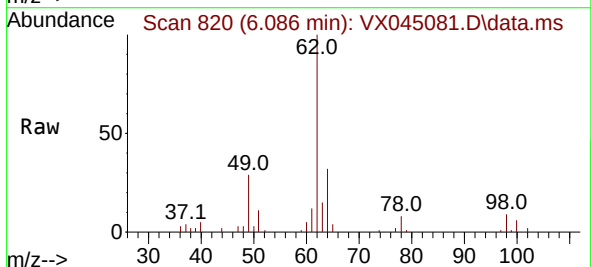
Manual Integrations
APPROVED

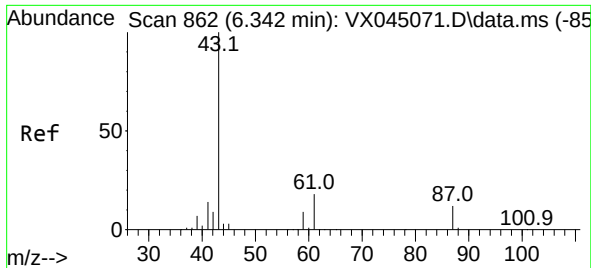
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#42
1,2-Dichloroethane
Concen: 19.055 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 62	Resp: 36431
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 18.2





#43

Isopropyl Acetate

Concen: 19.639 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 43 Resp: 62918

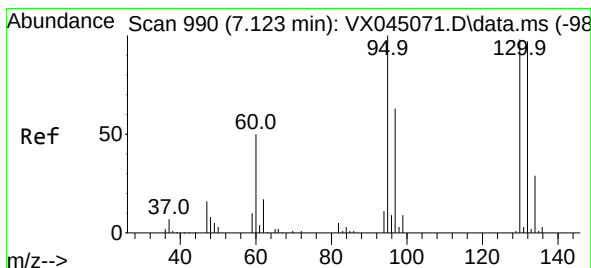
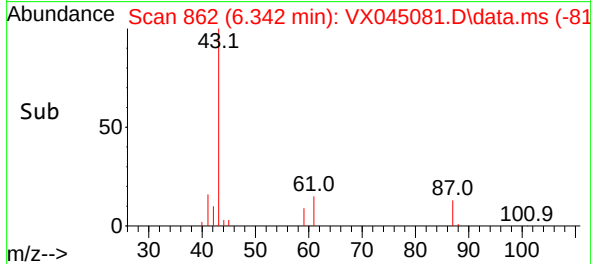
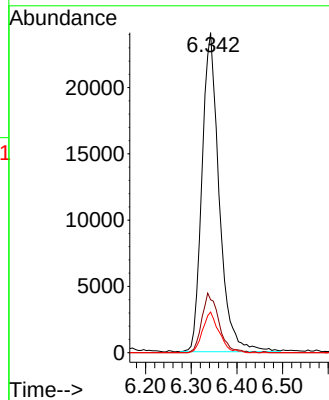
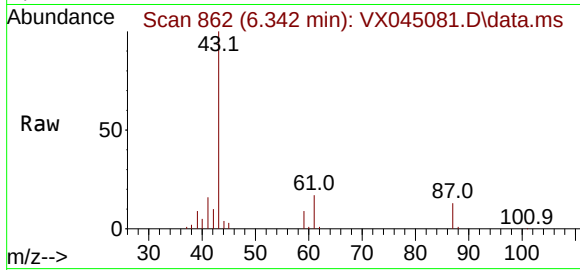
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.9	22.3
87	12.1	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#44

Trichloroethene

Concen: 19.040 ug/l

RT: 7.117 min Scan# 989

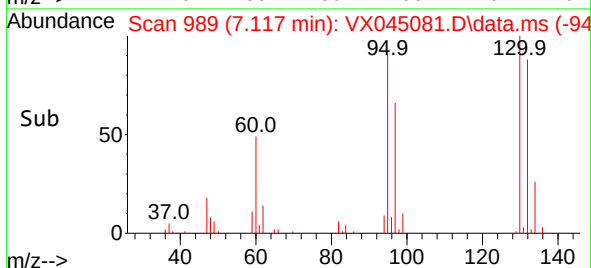
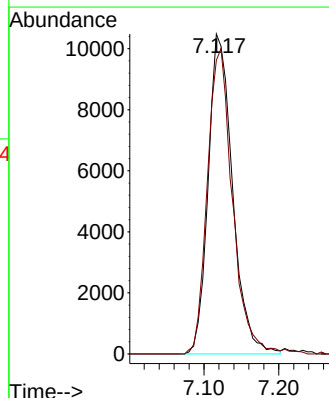
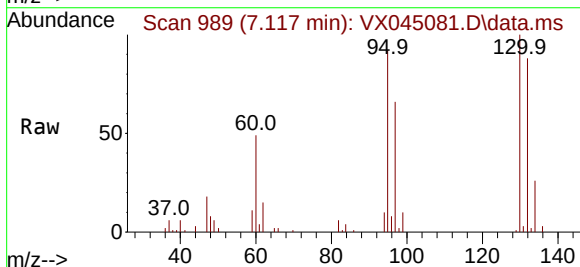
Delta R.T. -0.006 min

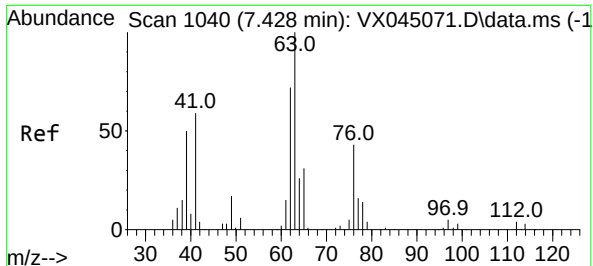
Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Tgt Ion:130 Resp: 23736

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	205.0





#45

1,2-Dichloropropane

Concen: 19.023 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 63 Resp: 2596

Ion Ratio Lower Upper

63 100

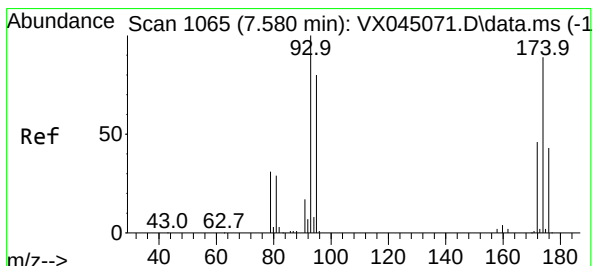
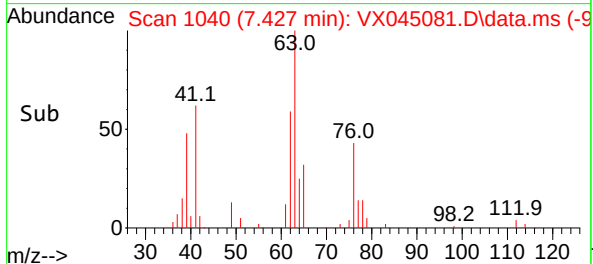
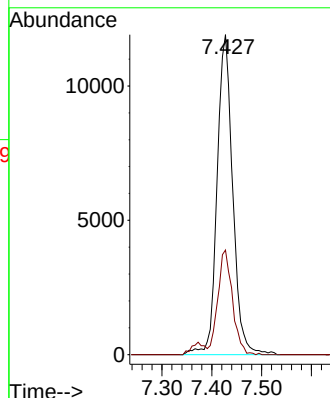
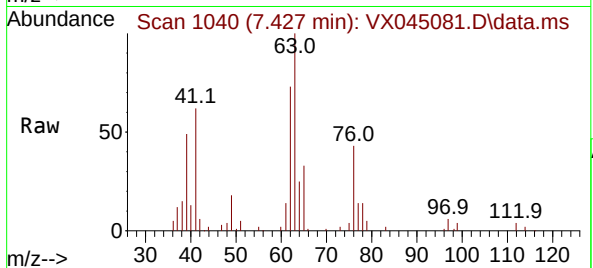
65 32.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#46

Dibromomethane

Concen: 19.412 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

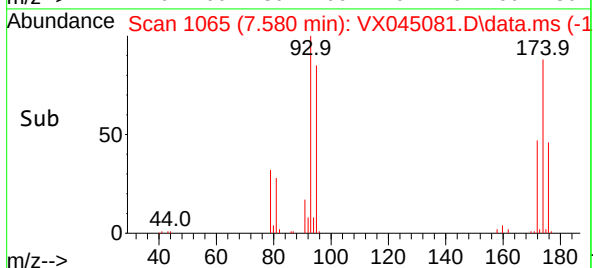
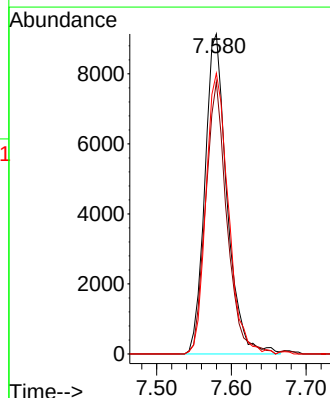
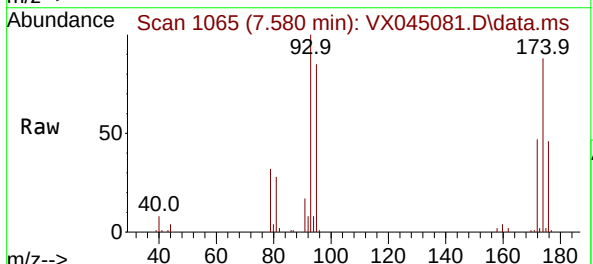
Tgt Ion: 93 Resp: 18730

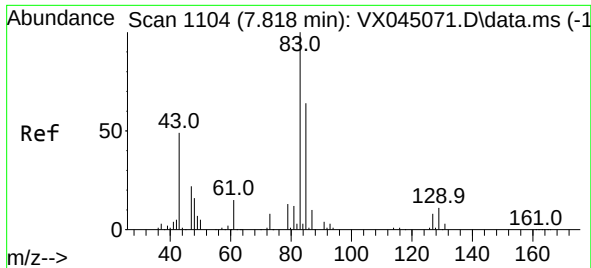
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

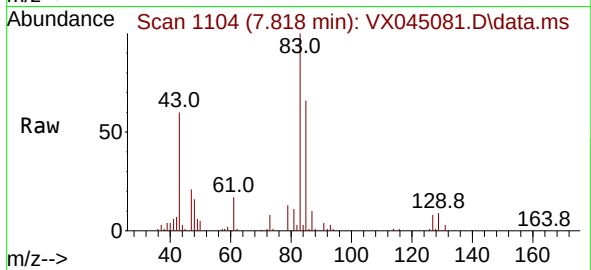
174 88.9 72.2 108.2





#47
Bromodichloromethane
Concen: 18.964 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

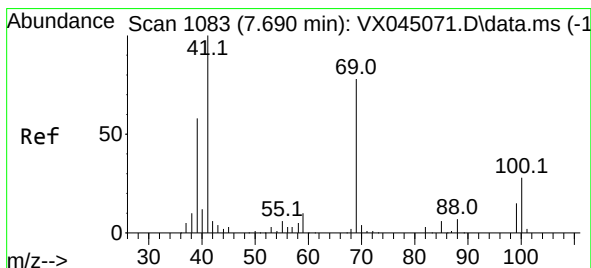
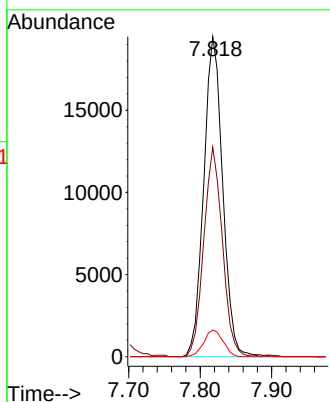
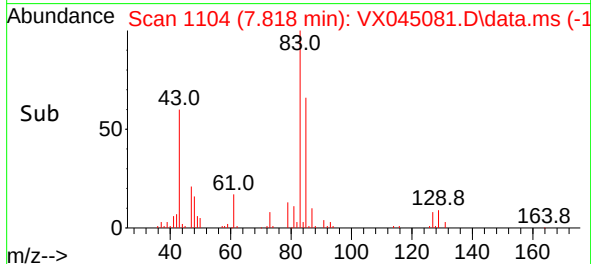
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



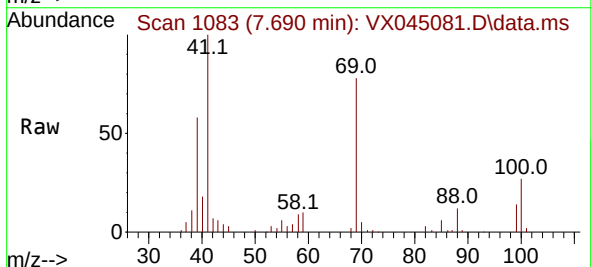
Tgt Ion: 83 Resp: 35890
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 8.3 6.4 9.6

Manual Integrations
APPROVED

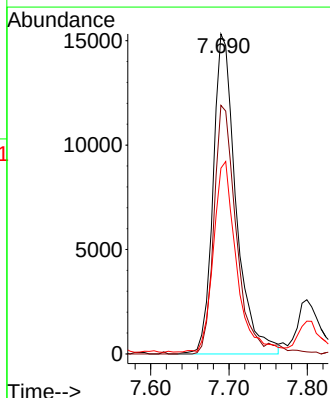
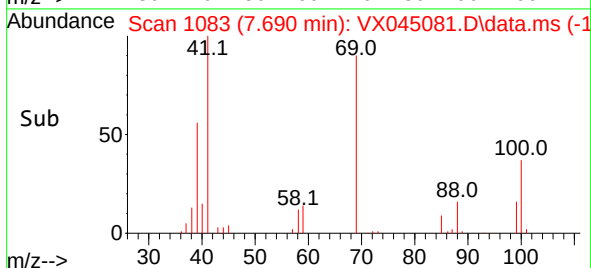
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

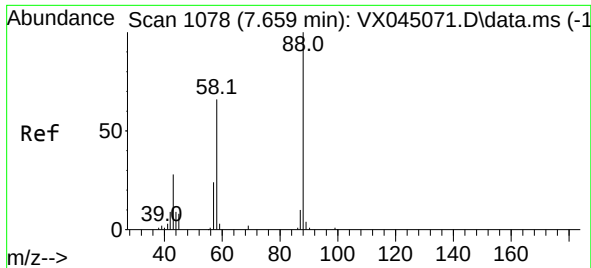


#48
Methyl methacrylate
Concen: 19.429 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



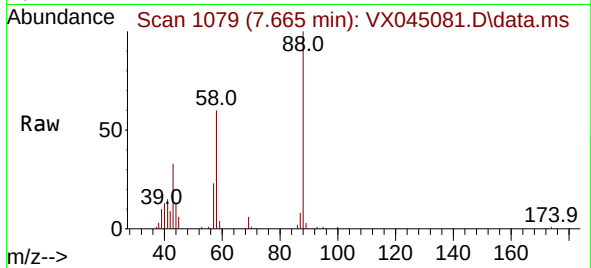
Tgt Ion: 41 Resp: 31227
Ion Ratio Lower Upper
41 100
69 77.1 63.0 94.6
39 59.0 47.5 71.3





#49
1,4-Dioxane
Concen: 394.478 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

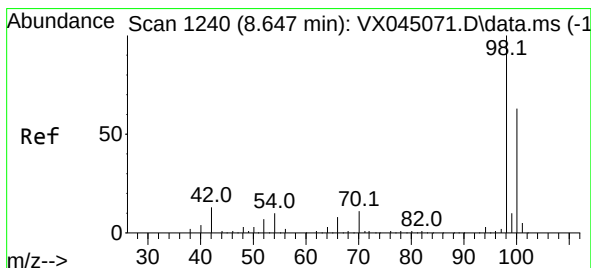
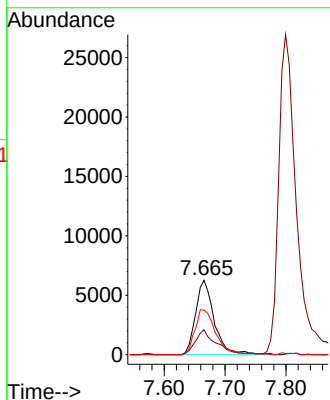
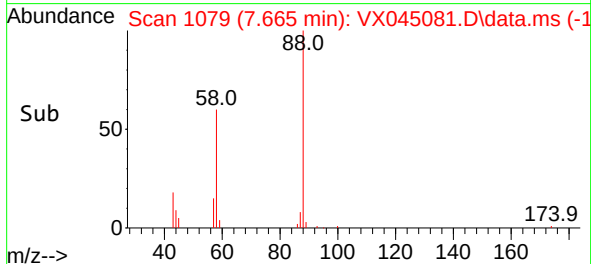
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 88 Resp: 13374
Ion Ratio Lower Upper
88 100
43 37.2 28.7 43.1
58 67.2 55.8 83.8

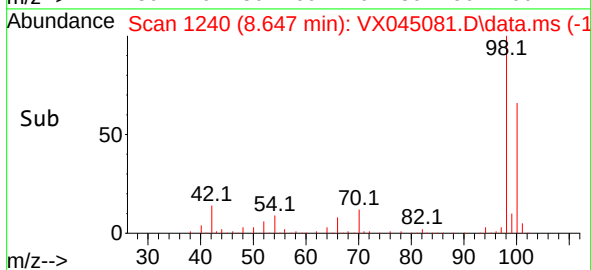
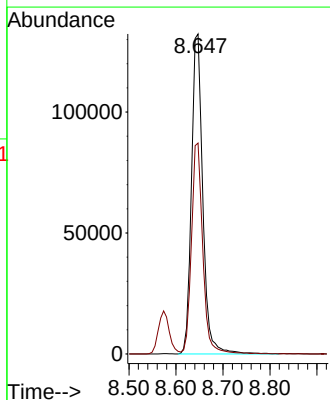
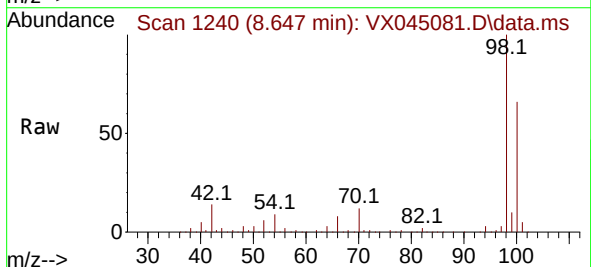
Manual Integrations
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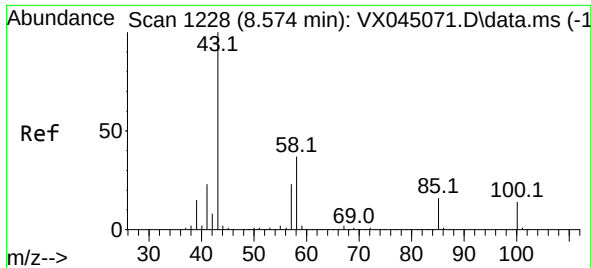
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#50
Toluene-d8
Concen: 50.078 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 98 Resp: 222580
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





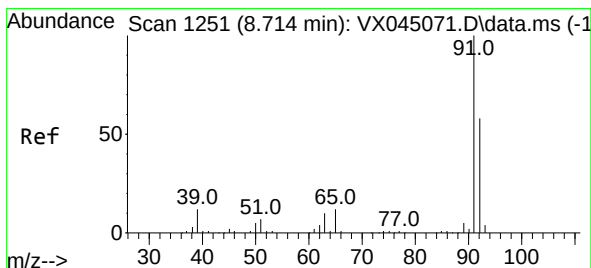
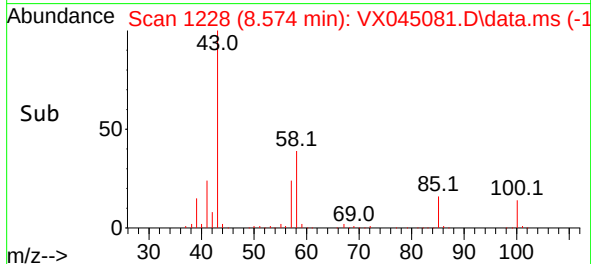
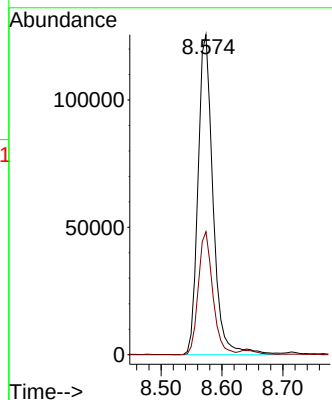
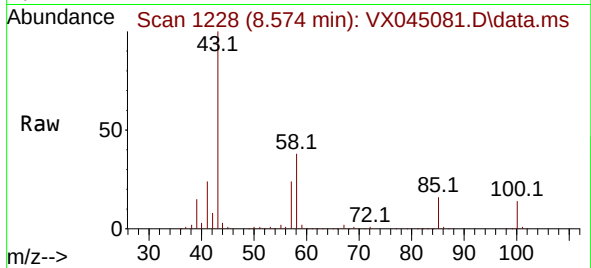
#51
4-Methyl-2-Pentanone
Concen: 100.083 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 43 Resp: 21528
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8

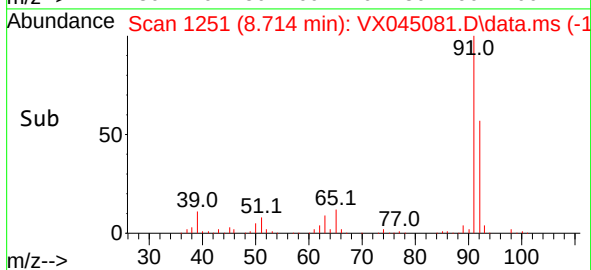
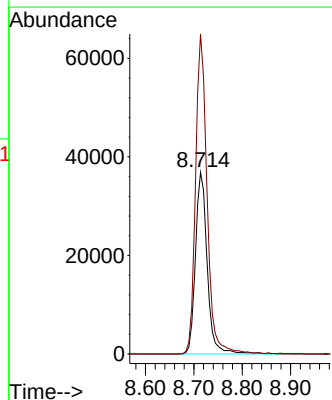
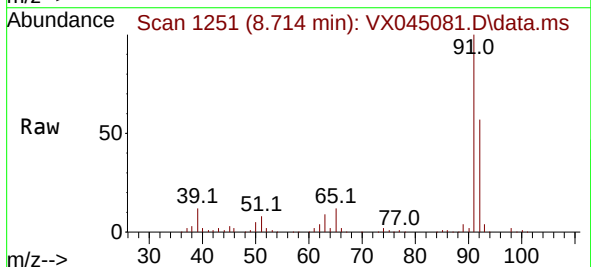
Manual Integrations
APPROVED

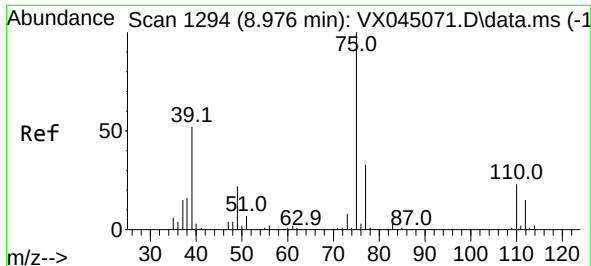
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#52
Toluene
Concen: 19.907 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 92 Resp: 62012
Ion Ratio Lower Upper
92 100
91 172.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.942 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 75 Resp: 3155

Ion Ratio Lower Upper

75 100

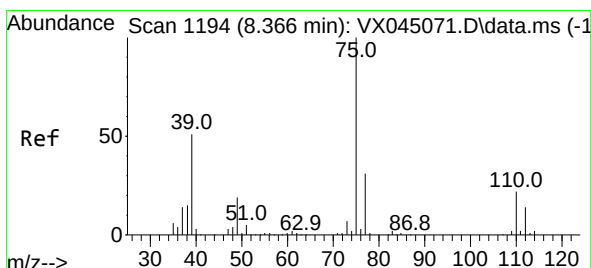
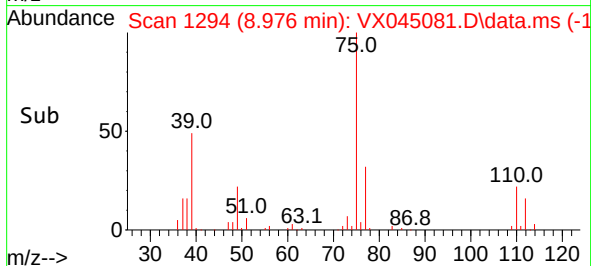
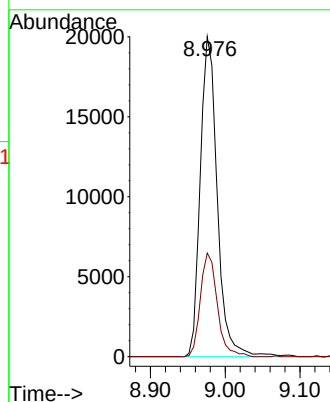
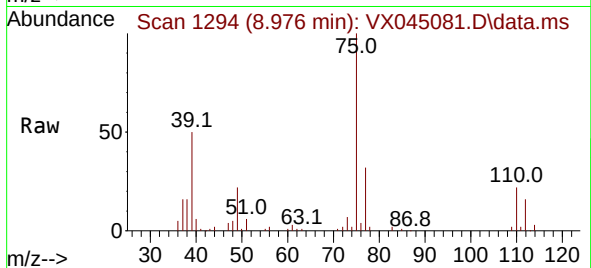
77 32.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#54

cis-1,3-Dichloropropene

Concen: 20.197 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

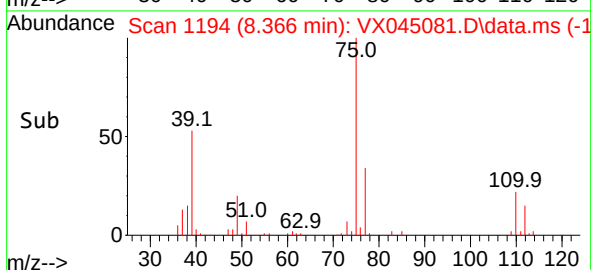
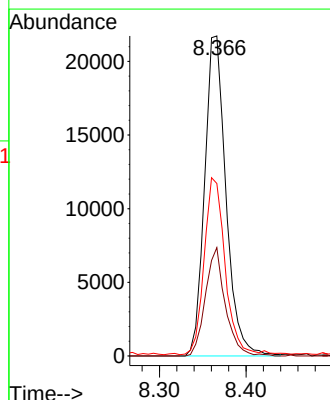
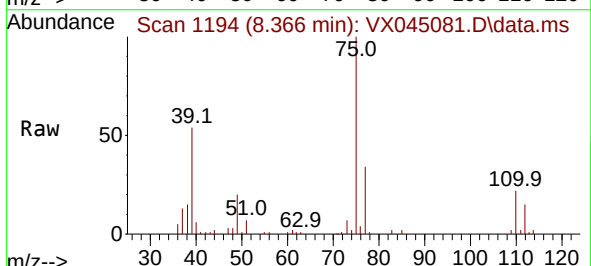
Tgt Ion: 75 Resp: 37263

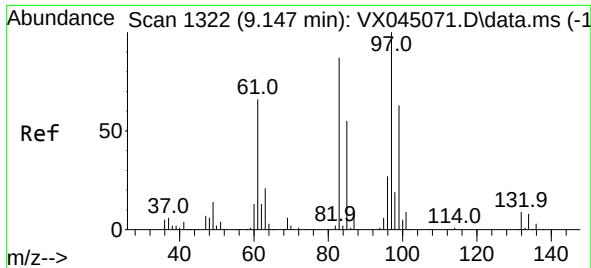
Ion Ratio Lower Upper

75 100

77 33.9 24.7 37.1

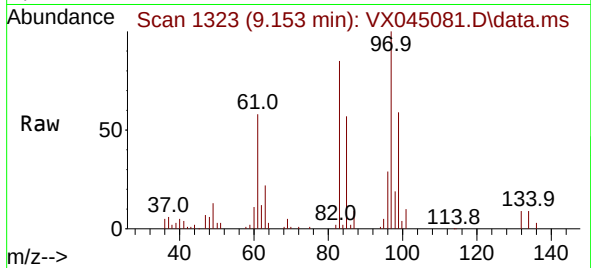
39 53.5 40.7 61.1





#55
 1,1,2-Trichloroethane
 Concen: 19.823 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX045081.D
 Acq: 28 Feb 2025 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

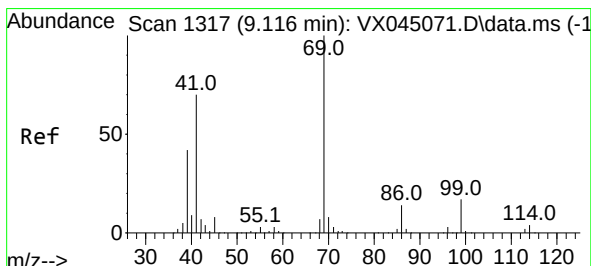
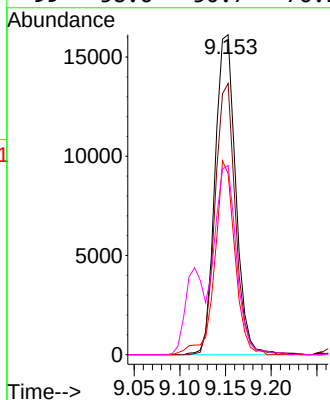
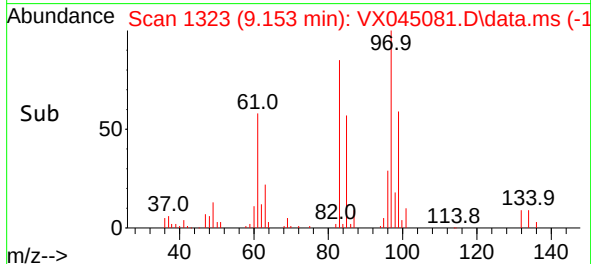


Tgt Ion: 97 Resp: 2542

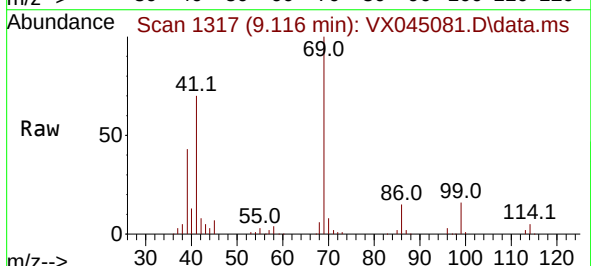
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.4	104.2
85	56.5	44.1	66.1
99	58.6	50.7	76.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 03/03/2025

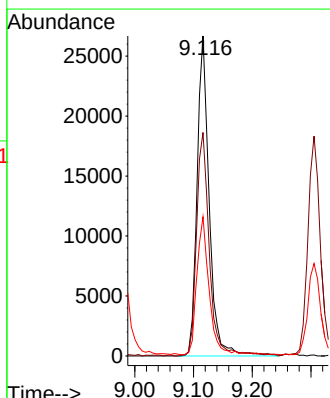
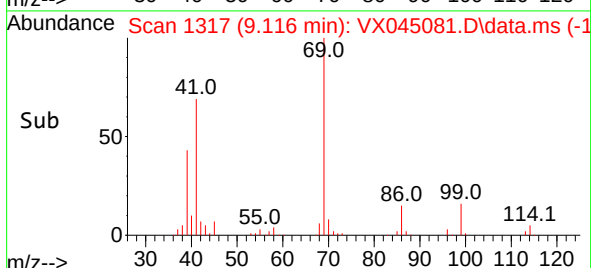


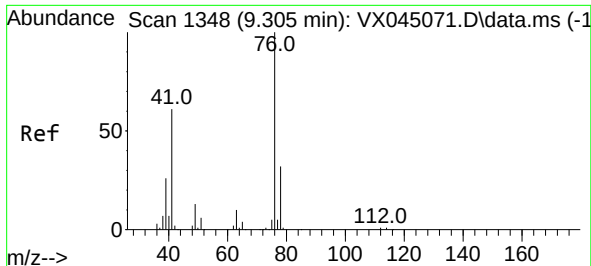
#56
 Ethyl methacrylate
 Concen: 19.686 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX045081.D
 Acq: 28 Feb 2025 12:13



Tgt Ion: 69 Resp: 38375

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	44.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 19.646 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 76 Resp: 4360

Ion Ratio Lower Upper

76 100

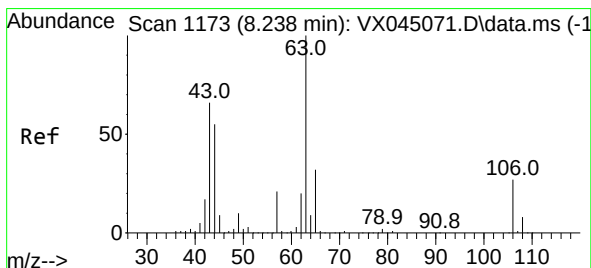
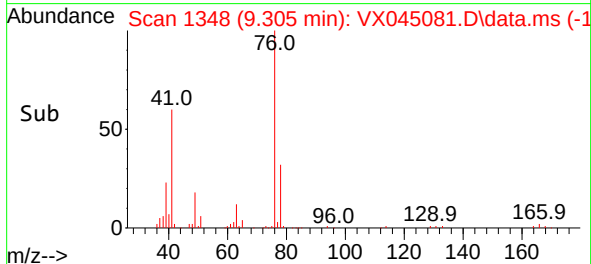
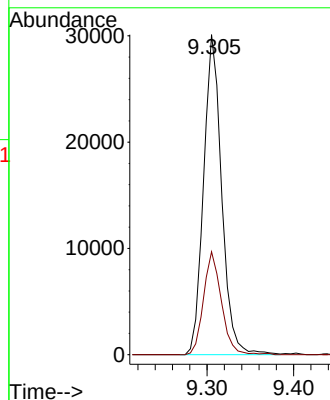
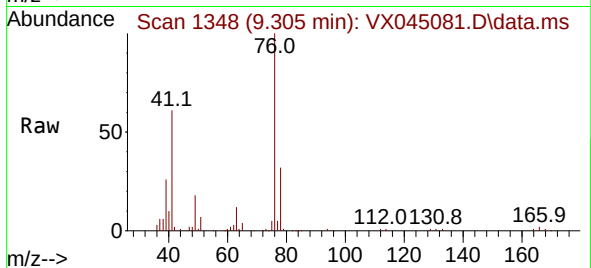
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.699 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045081.D

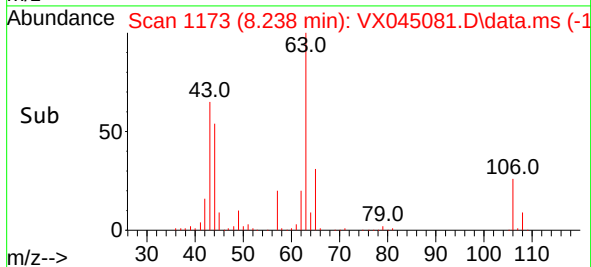
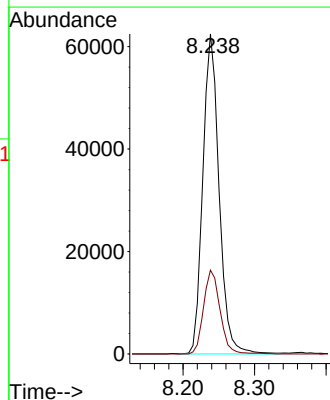
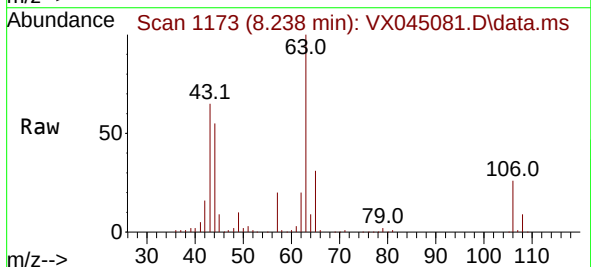
Acq: 28 Feb 2025 12:13

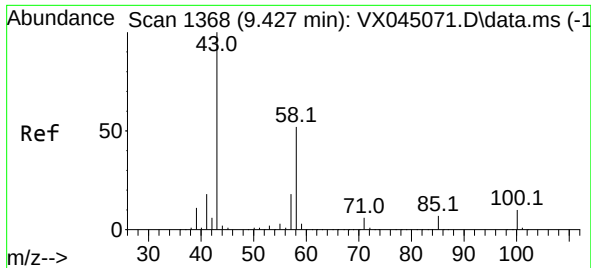
Tgt Ion: 63 Resp: 98607

Ion Ratio Lower Upper

63 100

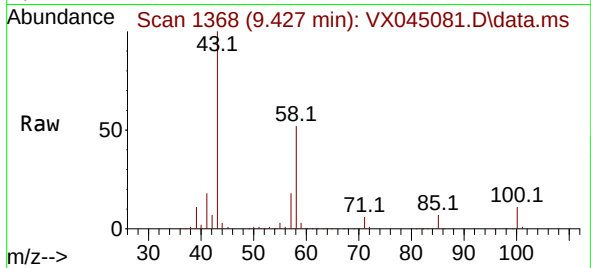
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 100.470 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

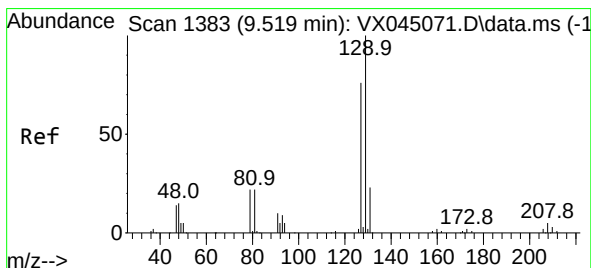
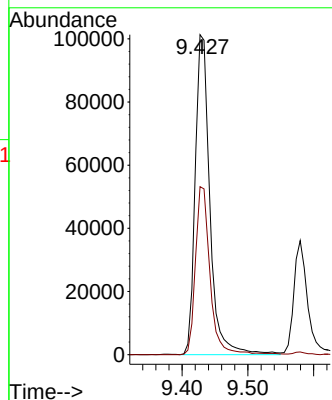
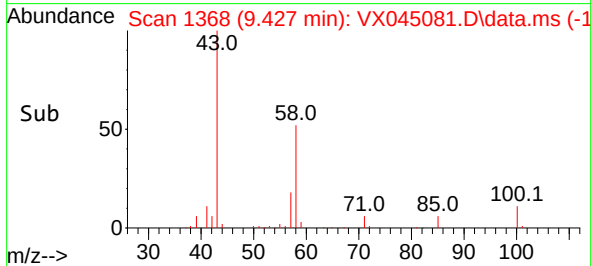
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 43 Resp: 156580
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.6

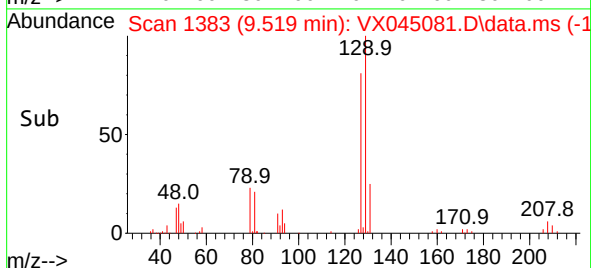
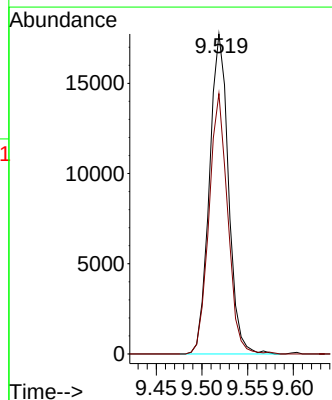
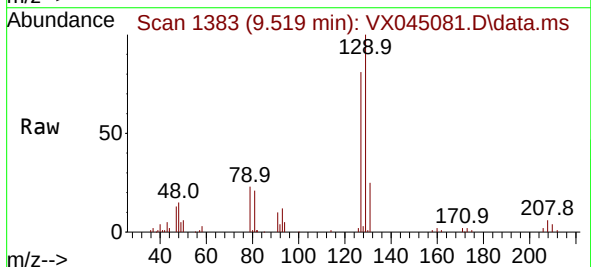
Manual Integrations
APPROVED

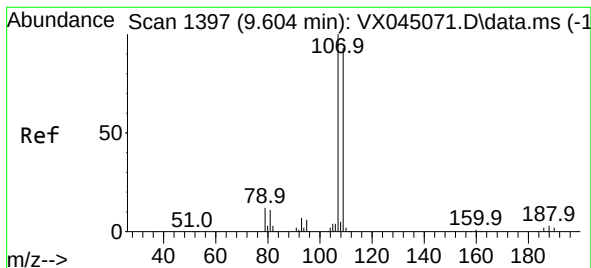
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#60
Dibromochloromethane
Concen: 19.172 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

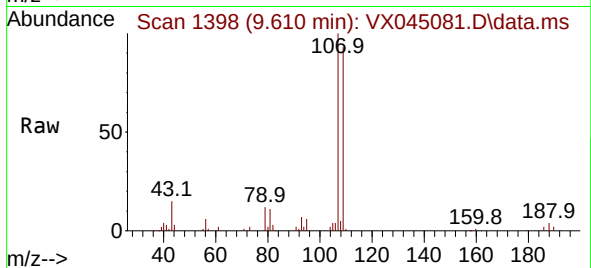
Tgt Ion:129 Resp: 25707
Ion Ratio Lower Upper
129 100
127 79.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.802 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

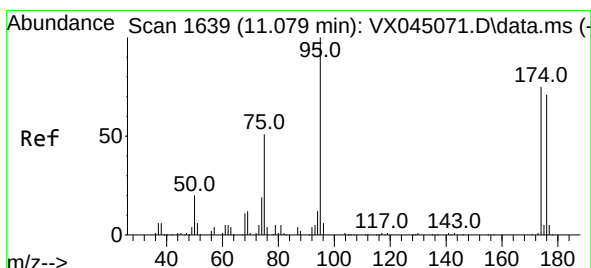
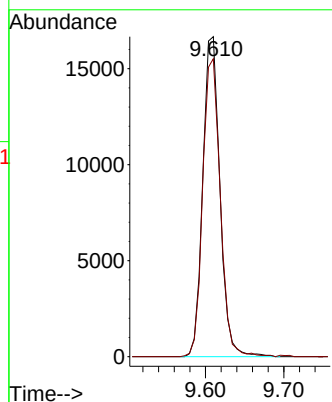
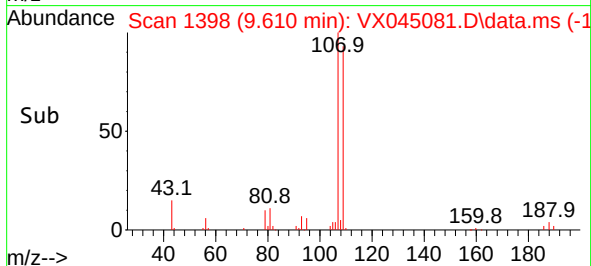
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:107 Resp: 2535
Ion Ratio Lower Upper
107 100
109 95.6 76.1 114.1

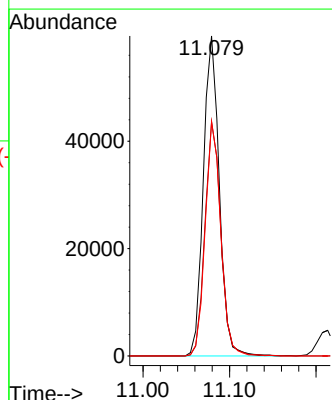
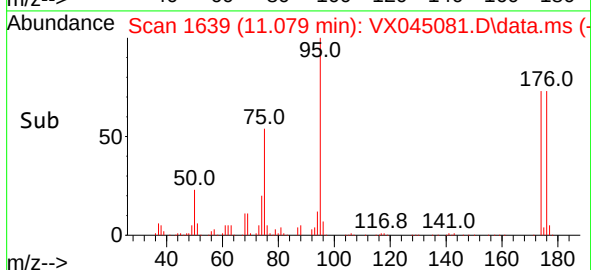
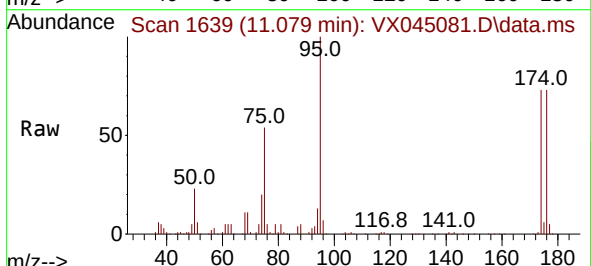
Manual Integrations
APPROVED

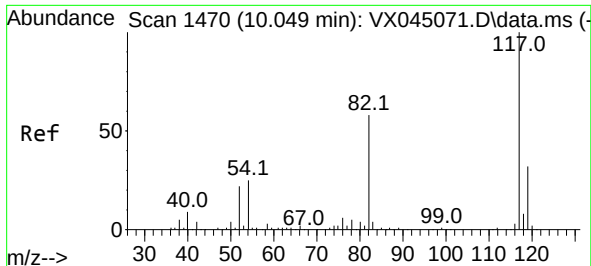
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#62
4-Bromofluorobenzene
Concen: 51.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

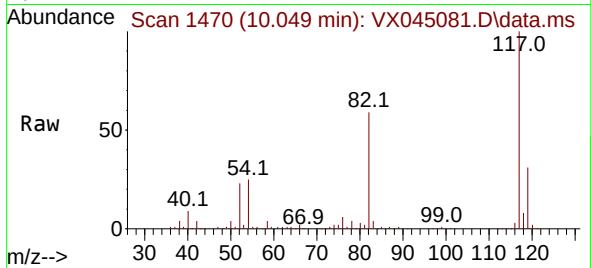
Tgt Ion: 95 Resp: 75997
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.2
176 71.9 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

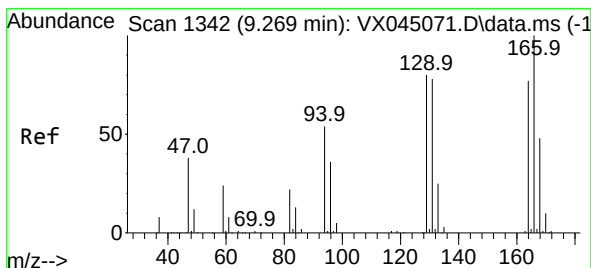
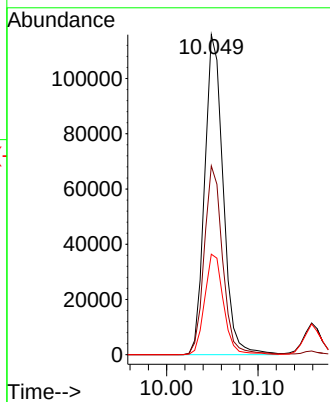
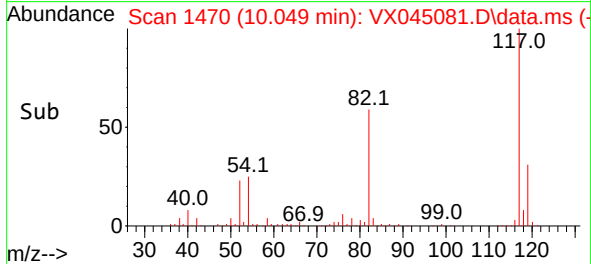
Instrument : MSVOA_X
ClientSampleId : VX0228WBSD01



Tgt Ion:117 Resp: 16238
Ion Ratio Lower Upper
117 100
82 59.0 46.3 69.5
119 31.4 25.7 38.5

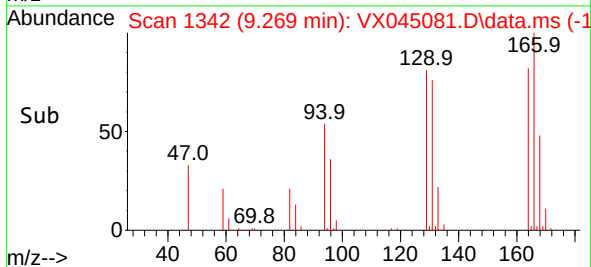
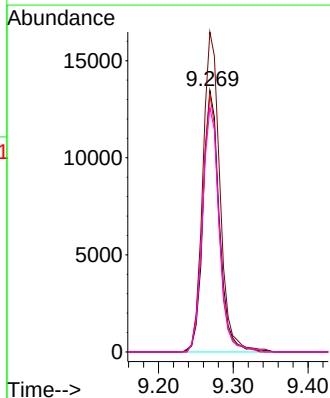
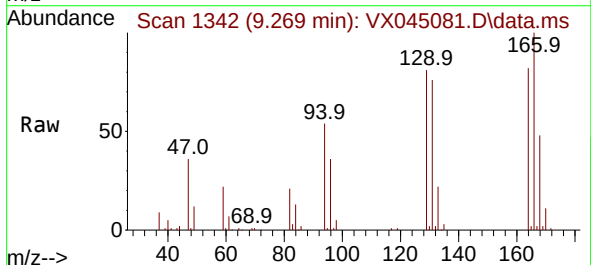
Manual Integrations
APPROVED

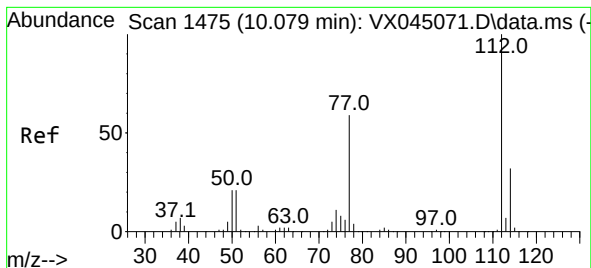
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#64
Tetrachloroethene
Concen: 19.717 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion:164 Resp: 20506
Ion Ratio Lower Upper
164 100
166 122.4 103.6 155.4
129 98.6 82.7 124.1
131 93.4 80.5 120.7





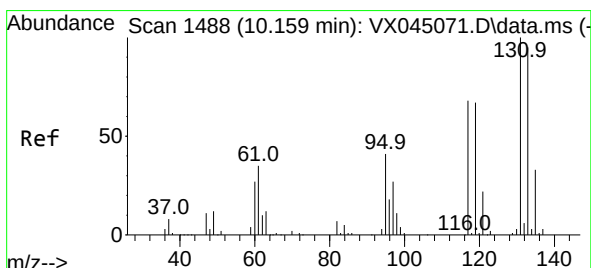
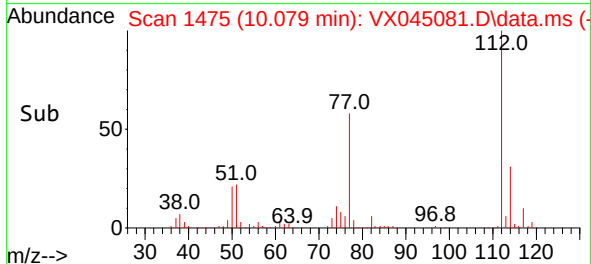
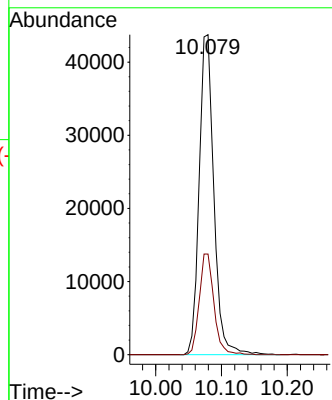
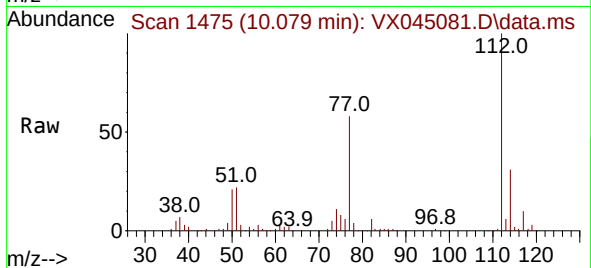
#65
Chlorobenzene
Concen: 19.708 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:112 Resp: 6771
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

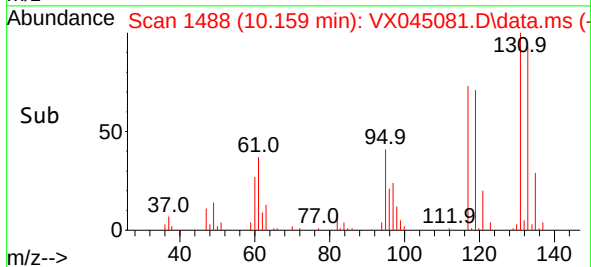
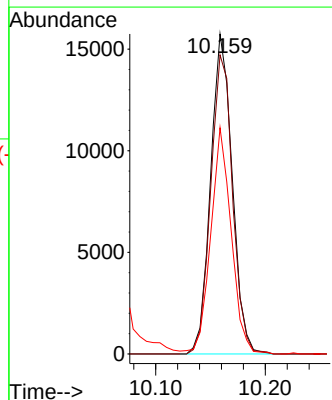
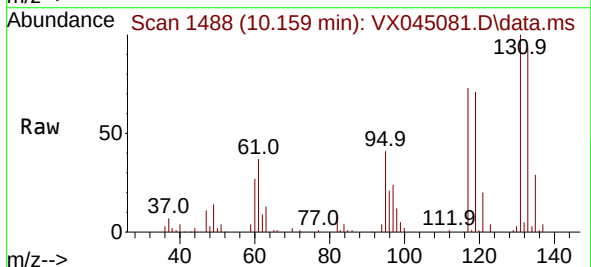
Manual Integrations
APPROVED

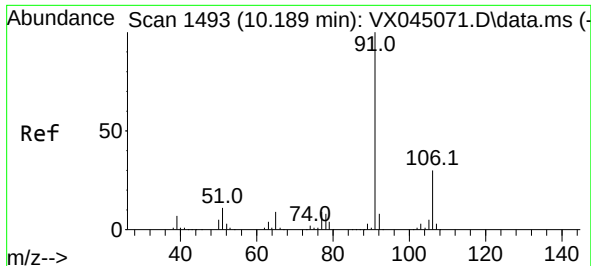
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

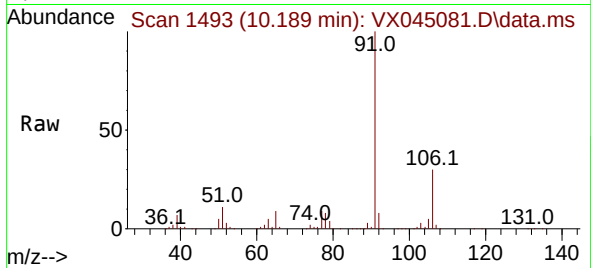
Tgt Ion:131 Resp: 21552
Ion Ratio Lower Upper
131 100
133 94.7 48.6 145.9
119 67.2 33.9 101.7





#67
Ethyl Benzene
Concen: 19.770 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

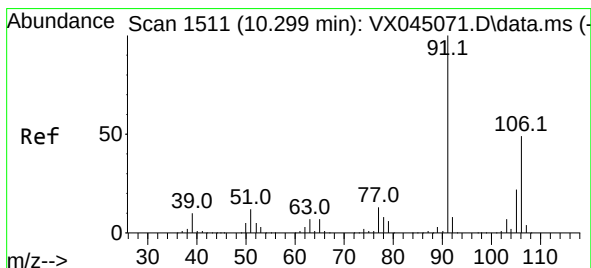
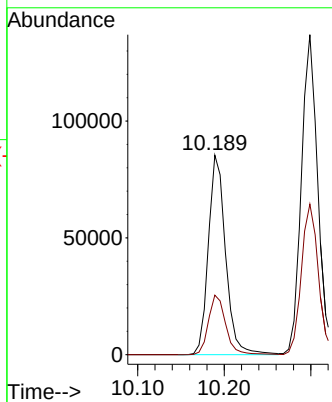
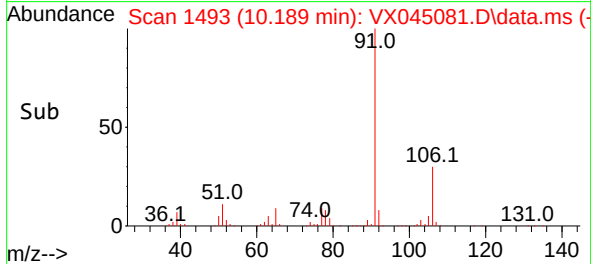
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



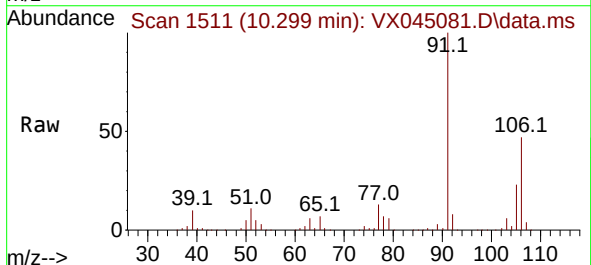
Tgt Ion: 91 Resp: 11836
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9

Manual Integrations
APPROVED

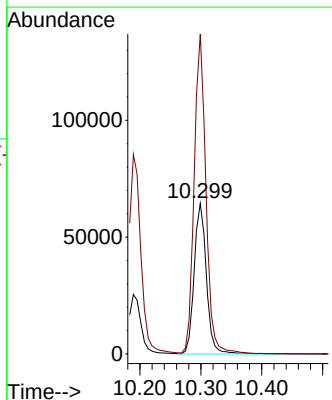
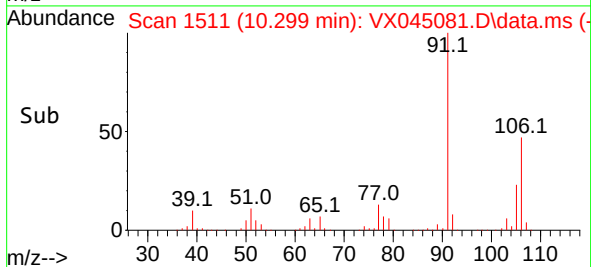
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

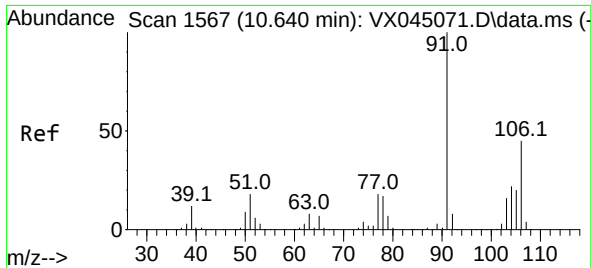


#68
m/p-Xylenes
Concen: 41.000 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



Tgt Ion:106 Resp: 89858
Ion Ratio Lower Upper
106 100
91 204.4 165.4 248.0





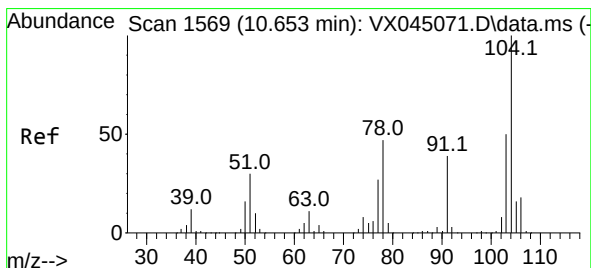
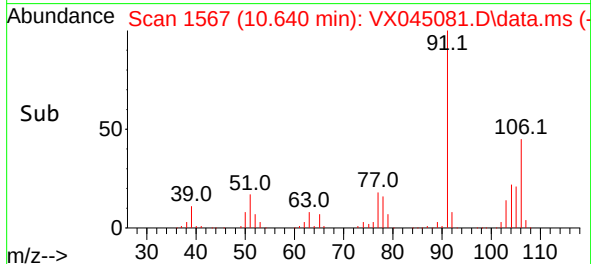
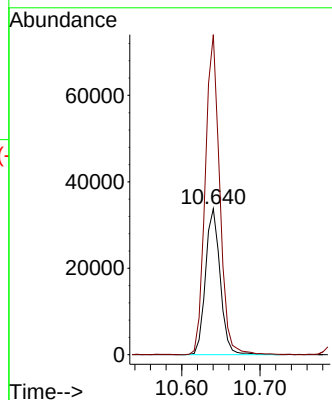
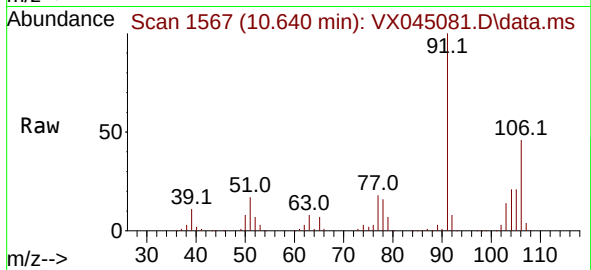
#69
o-Xylene
Concen: 19.810 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:106 Resp: 43790
Ion Ratio Lower Upper
106 100
91 216.8 109.9 329.6

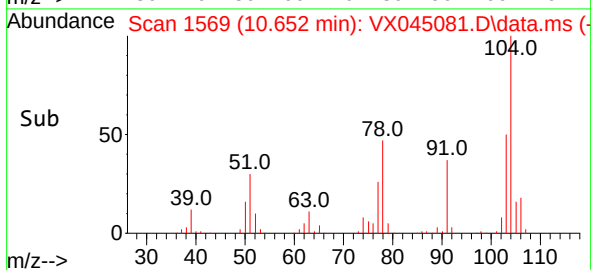
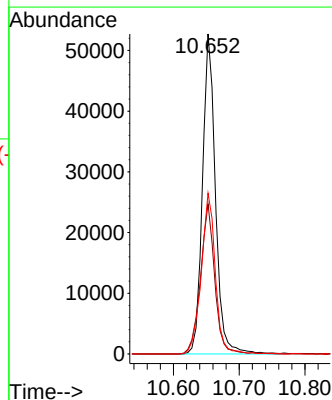
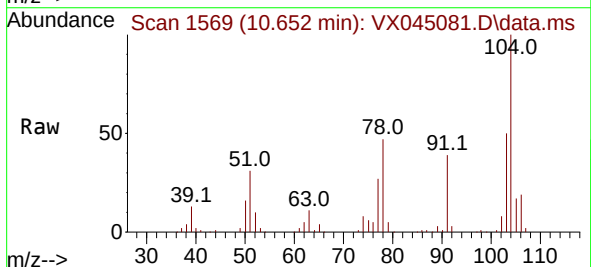
Manual Integrations
APPROVED

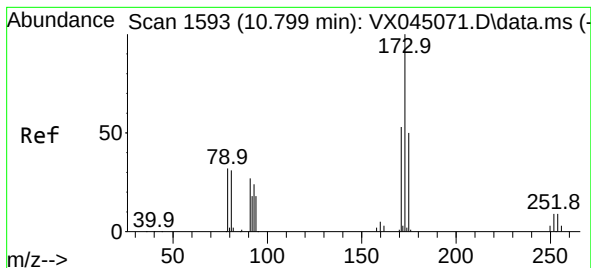
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#70
Styrene
Concen: 20.268 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion:104 Resp: 72492
Ion Ratio Lower Upper
104 100
78 51.4 42.2 63.4
103 54.4 43.8 65.8





#71

Bromoform

Concen: 18.567 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

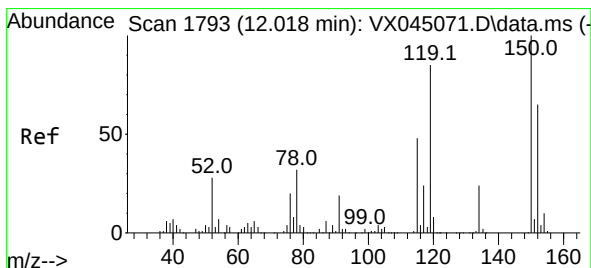
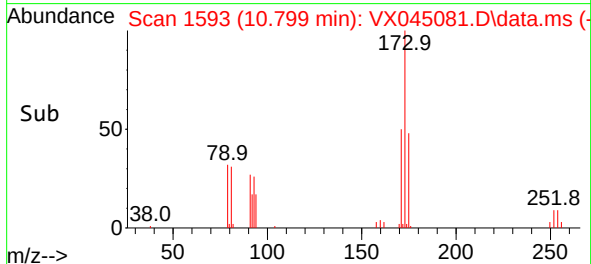
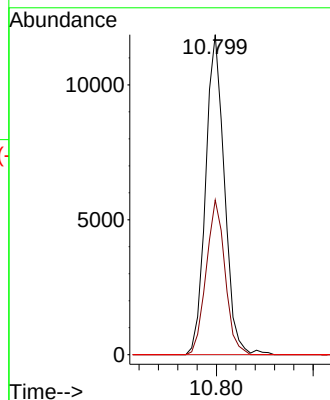
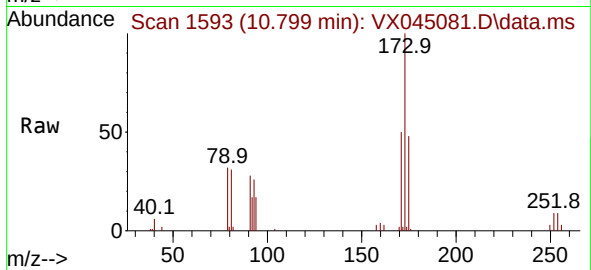
Tgt Ion:173 Resp: 1602
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.6 73.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

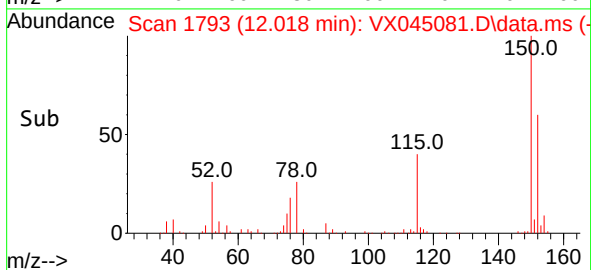
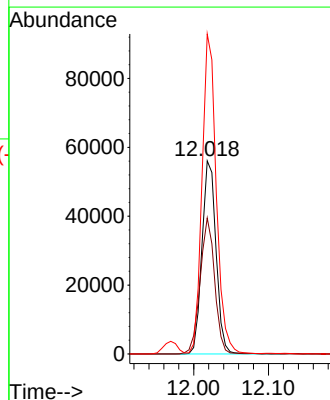
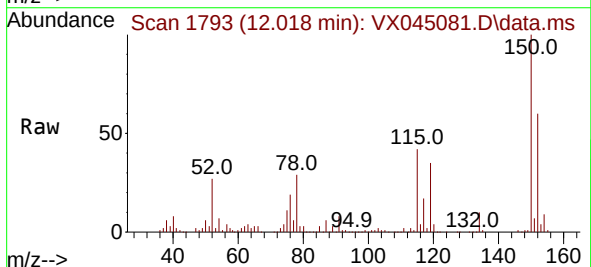
RT: 12.018 min Scan# 1793

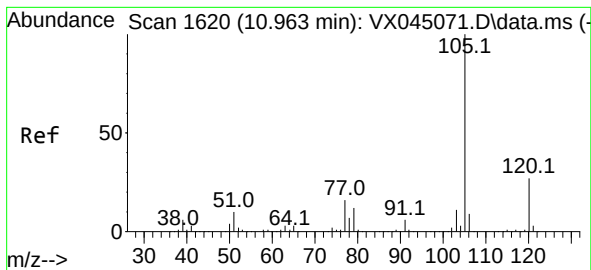
Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

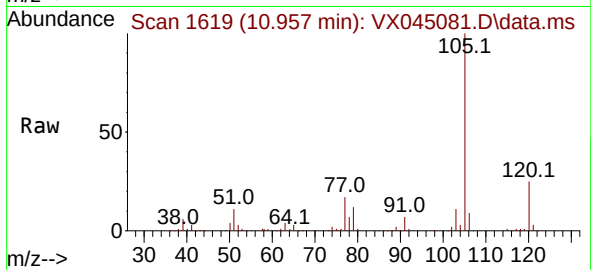
Tgt Ion:152 Resp: 73363
 Ion Ratio Lower Upper
 152 100
 115 72.5 44.2 132.6
 150 167.1 0.0 349.0





#73
Isopropylbenzene
Concen: 19.694 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

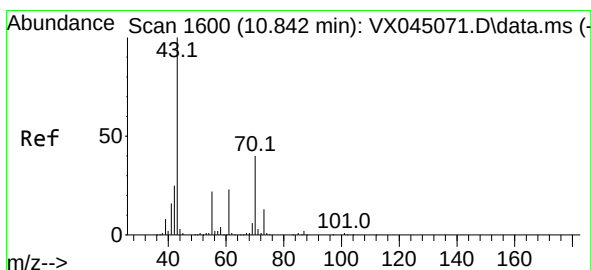
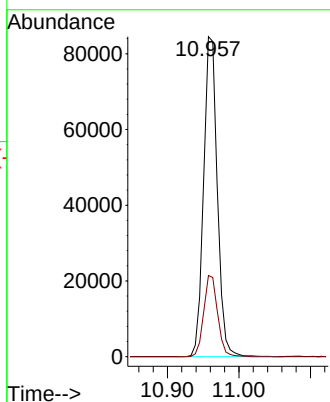
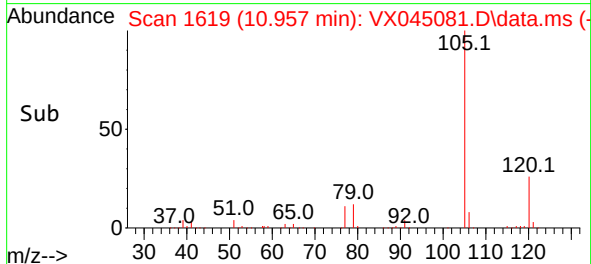
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:105 Resp: 11277
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

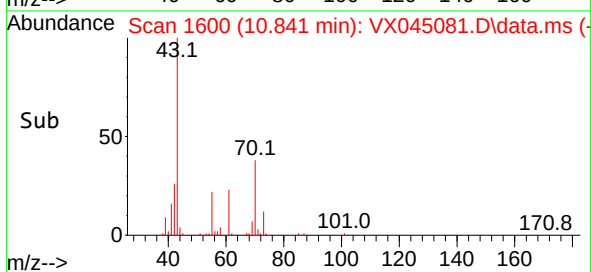
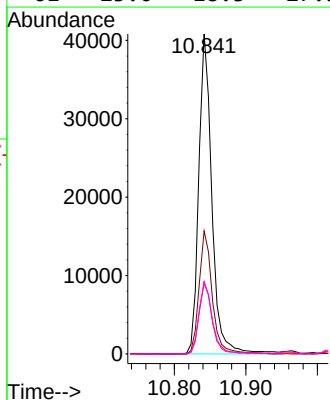
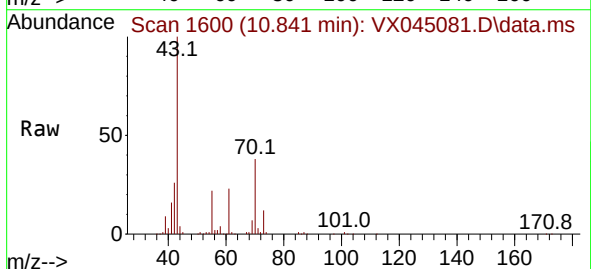
Manual Integrations
APPROVED

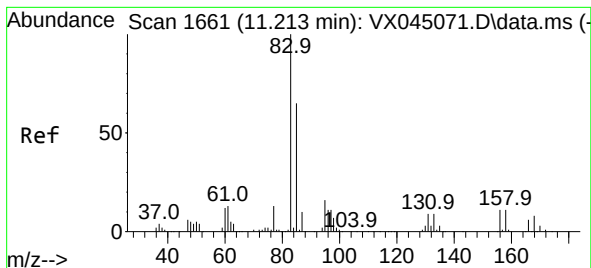
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#74
N-ethyl acetate
Concen: 19.350 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Tgt Ion: 43 Resp: 51992
Ion Ratio Lower Upper
43 100
70 38.8 31.8 47.6
55 22.4 18.3 27.5
61 23.0 18.3 27.5





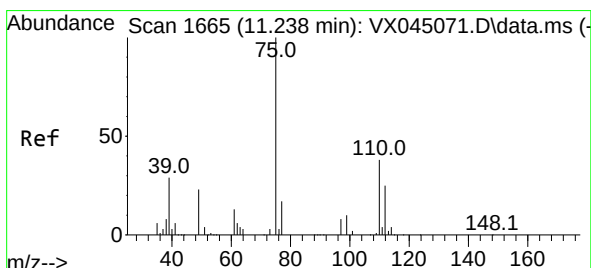
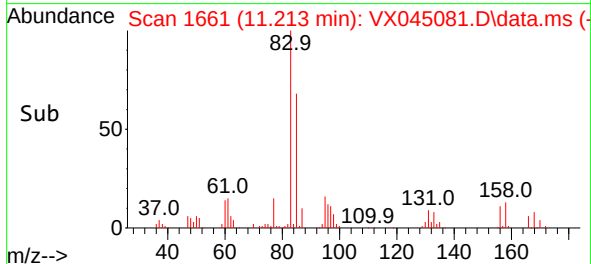
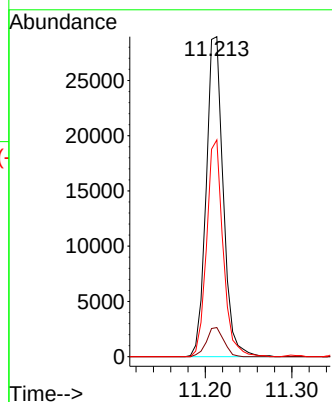
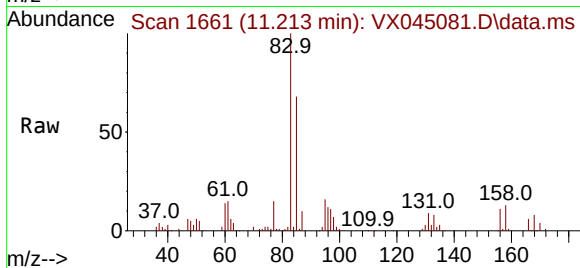
#75
1,1,2,2-Tetrachloroethane
Concen: 18.845 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 83 Resp: 3959
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 65.4 31.7 95.1

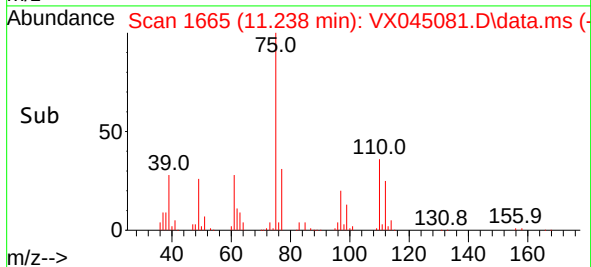
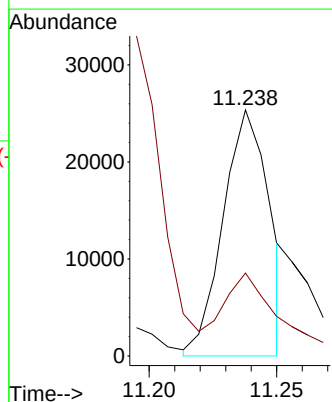
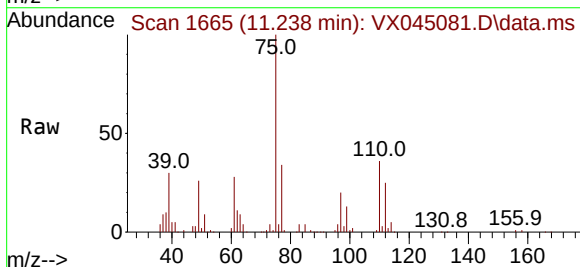
Manual Integrations
APPROVED

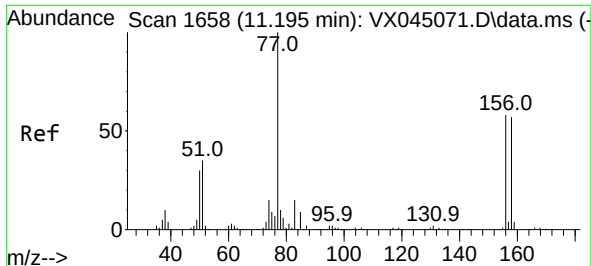
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#76
1,2,3-Trichloropropane
Concen: 18.691 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

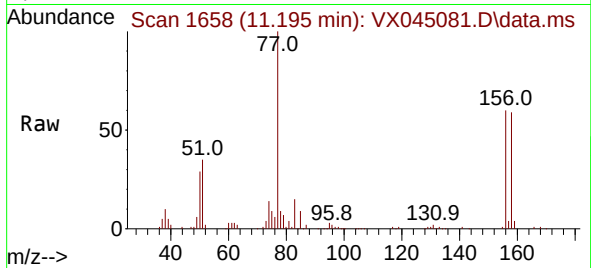
Tgt Ion: 75 Resp: 31916
Ion Ratio Lower Upper
75 100
77 41.5 20.7 62.1





#77
Bromobenzene
Concen: 19.166 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

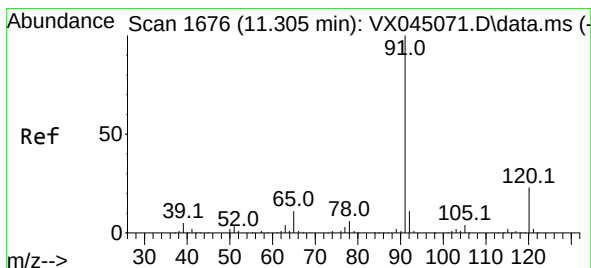
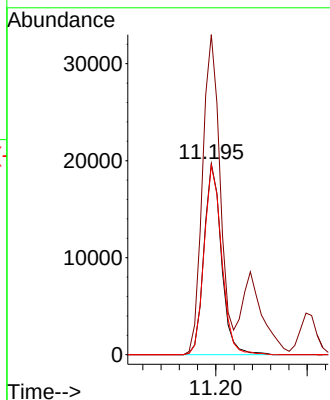
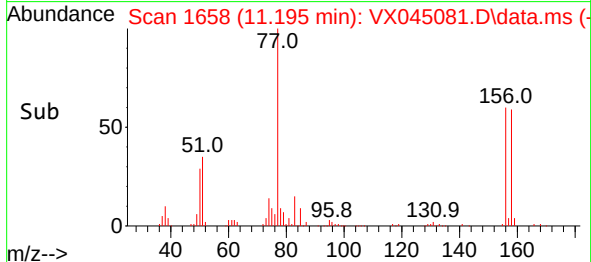
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



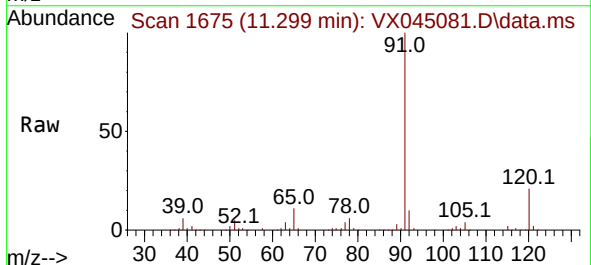
Tgt Ion:156 Resp: 25894
Ion Ratio Lower Upper
156 100
77 170.8 85.8 257.4
158 100.4 48.4 145.2

Manual Integrations
APPROVED

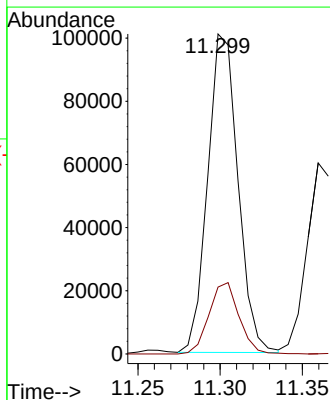
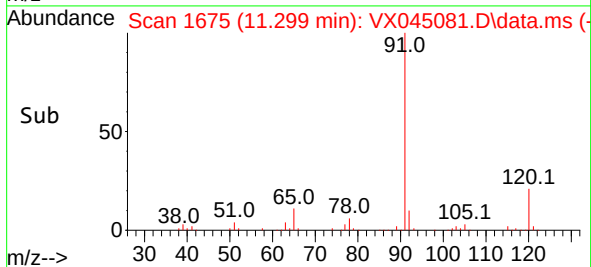
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

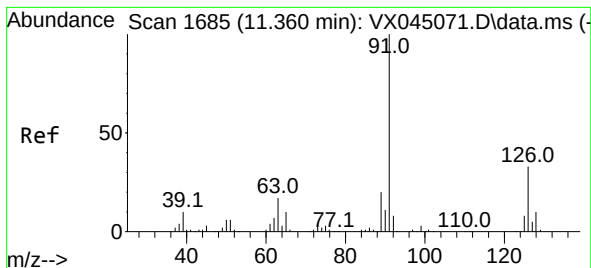


#78
n-propylbenzene
Concen: 19.926 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



Tgt Ion: 91 Resp: 128893
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.6





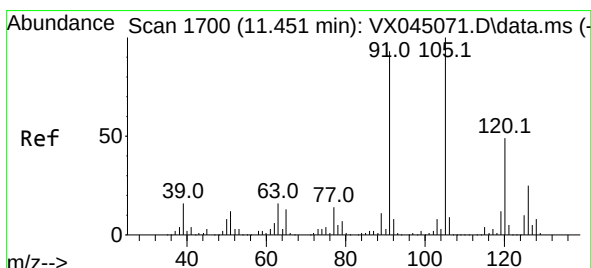
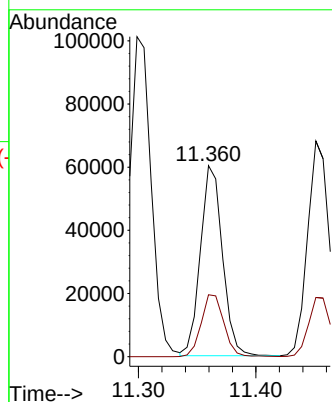
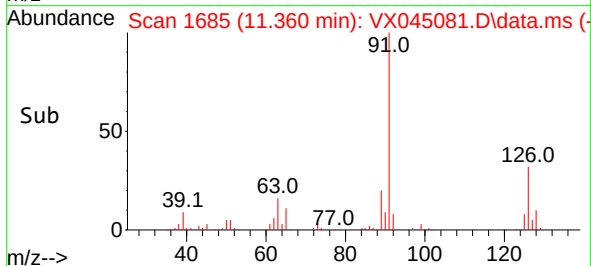
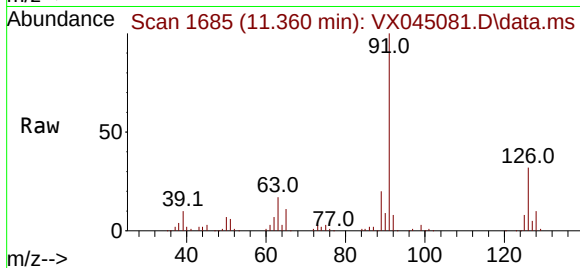
#79
2-Chlorotoluene
Concen: 19.067 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 91 Resp: 78548
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.4

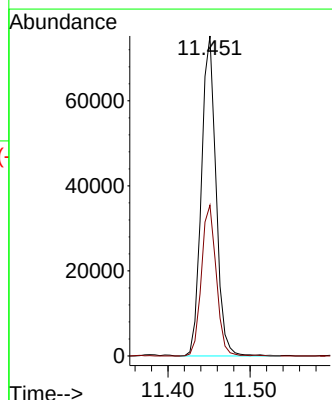
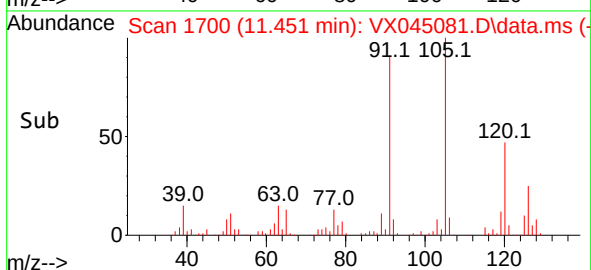
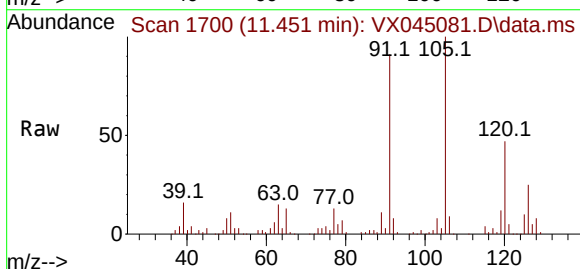
Manual Integrations
APPROVED

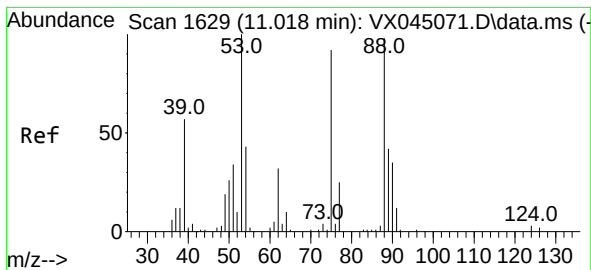
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

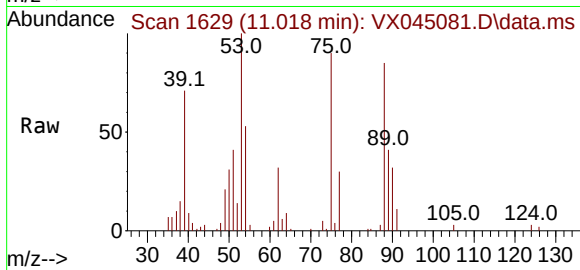
Tgt Ion:105 Resp: 93040
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.501 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

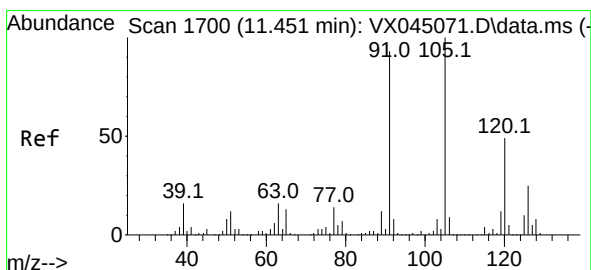
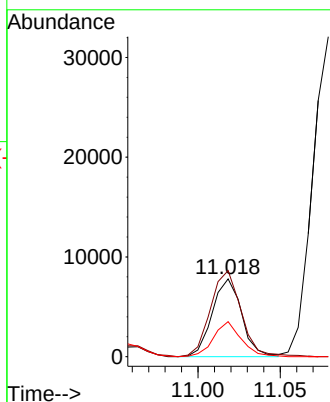
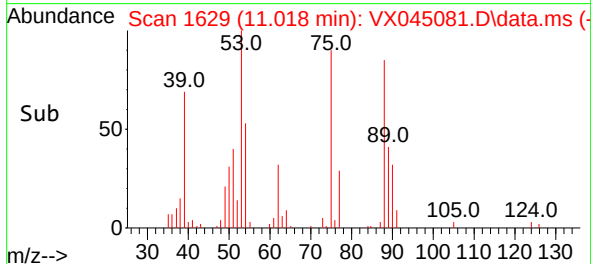
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



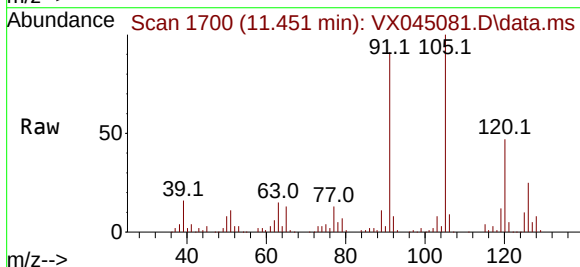
Tgt Ion: 75 Resp: 9730
Ion Ratio Lower Upper
75 100
53 115.4 88.5 132.7
89 42.2 36.2 54.4

Manual Integrations
APPROVED

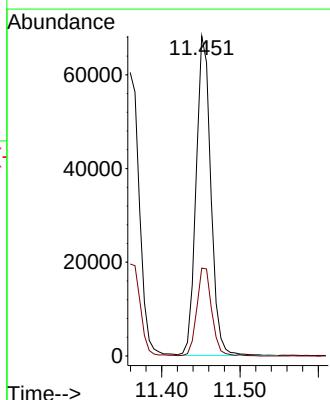
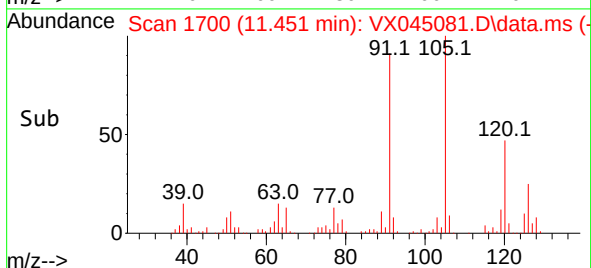
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

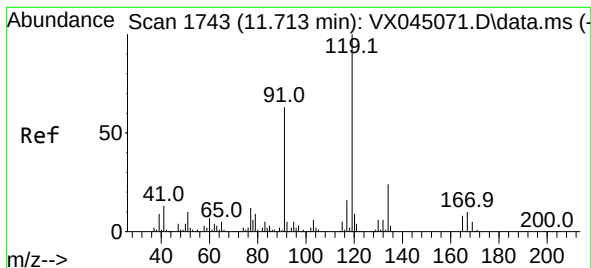


#82
4-Chlorotoluene
Concen: 19.907 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



Tgt Ion: 91 Resp: 89378
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 19.310 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion:119 Resp: 9186

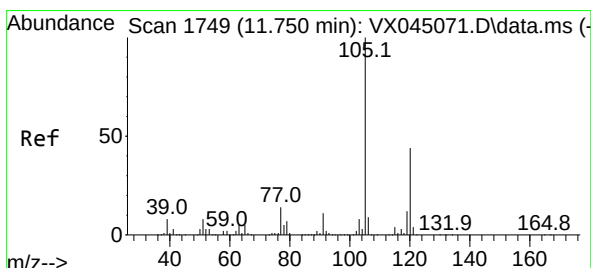
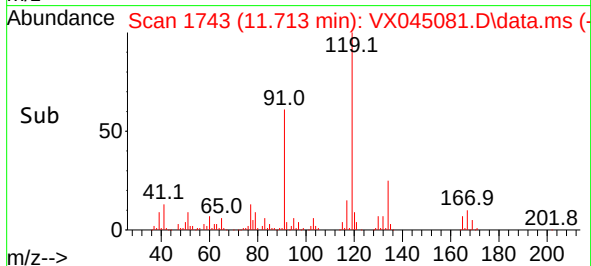
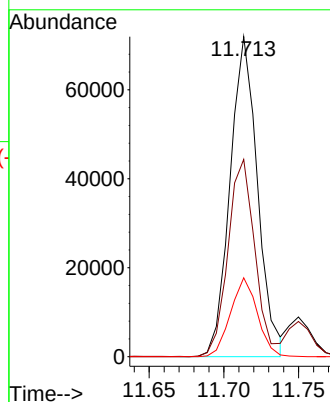
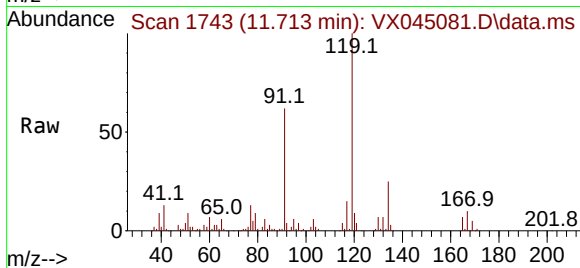
Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.7	92.1
134	24.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 03/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.881 ug/l

RT: 11.750 min Scan# 1749

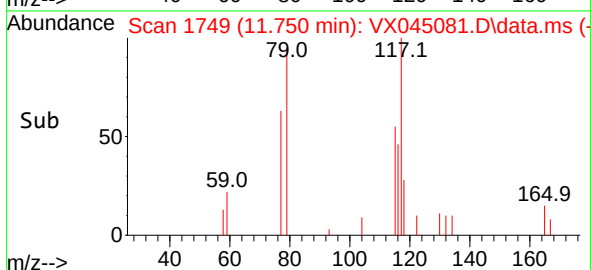
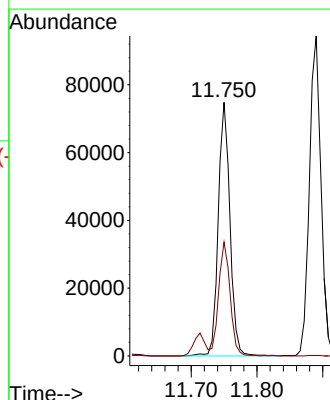
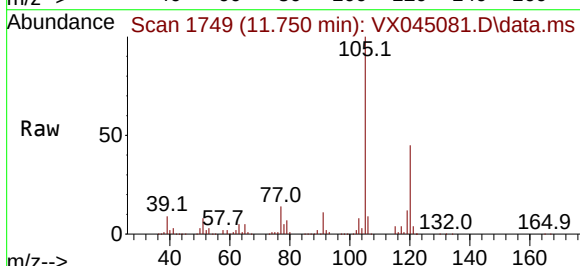
Delta R.T. -0.000 min

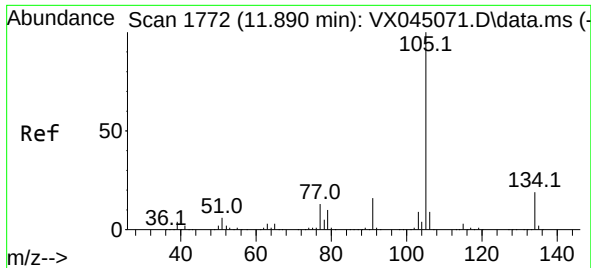
Lab File: VX045081.D

Acq: 28 Feb 2025 12:13

Tgt Ion:105 Resp: 92622

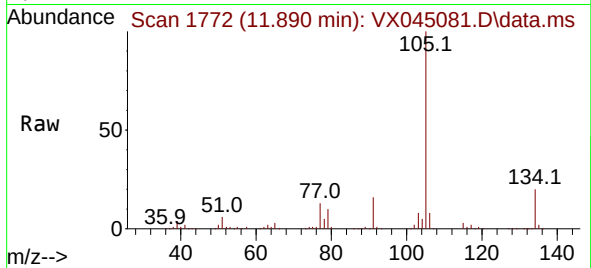
Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1





#85
 sec-Butylbenzene
 Concen: 20.305 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045081.D
 Acq: 28 Feb 2025 12:13

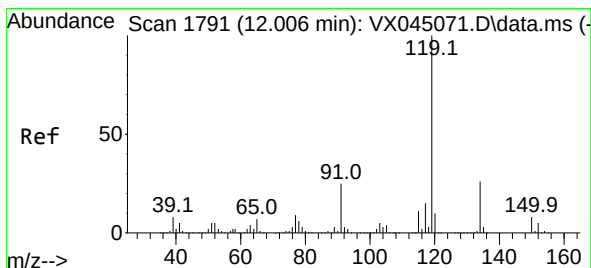
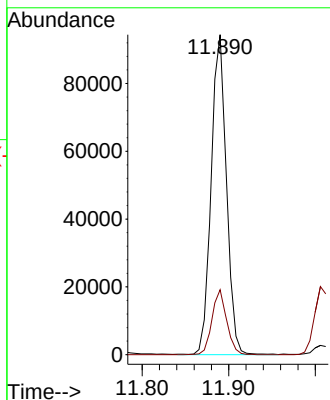
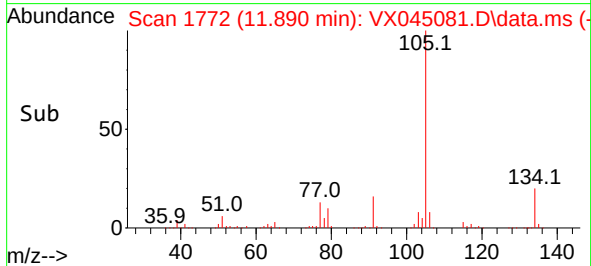
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01



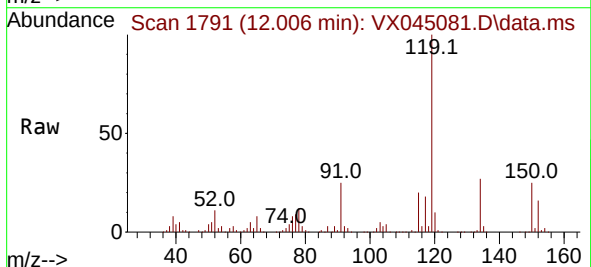
Tgt Ion:105 Resp: 115708
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

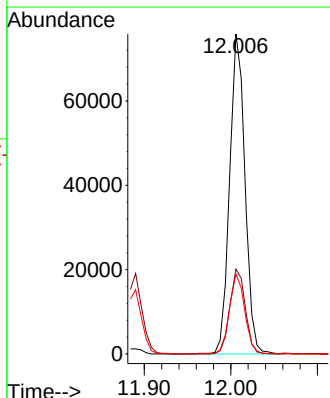
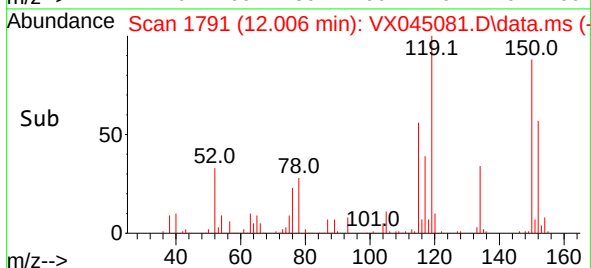
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 03/03/2025

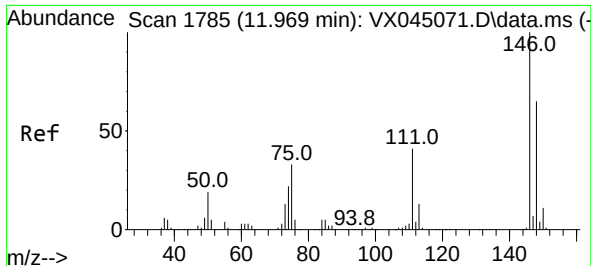


#86
 p-Isopropyltoluene
 Concen: 20.278 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045081.D
 Acq: 28 Feb 2025 12:13



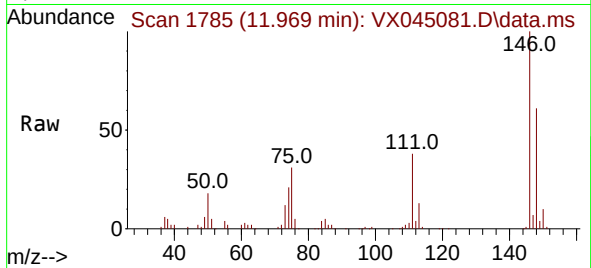
Tgt Ion:119 Resp: 93388
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 25.1 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 19.510 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

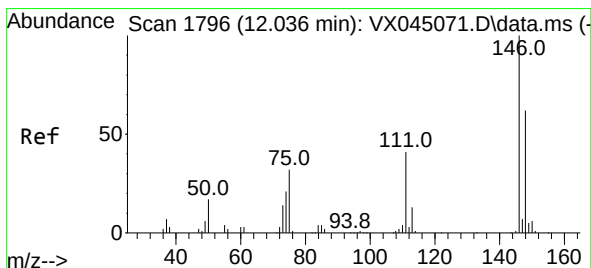
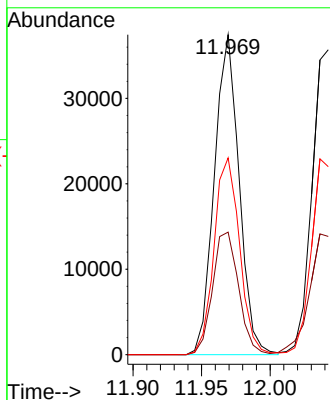
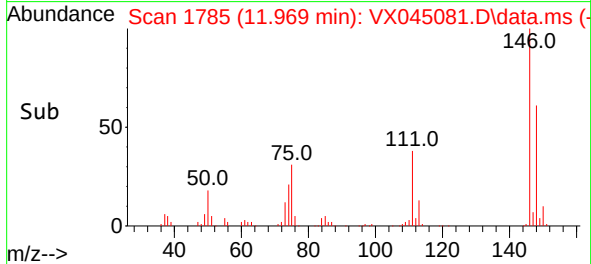
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



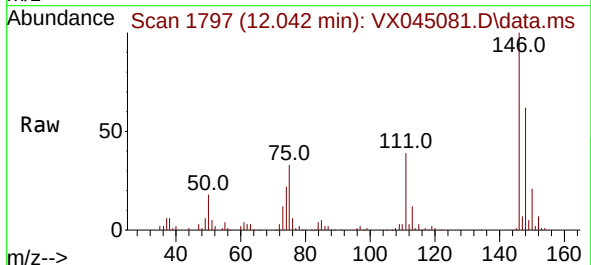
Tgt Ion:146 Resp: 47023
Ion Ratio Lower Upper
146 100
111 40.4 21.1 63.4
148 63.5 31.9 95.7

Manual Integrations
APPROVED

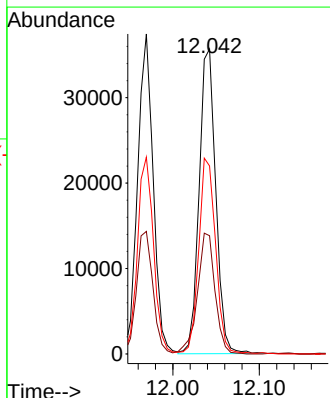
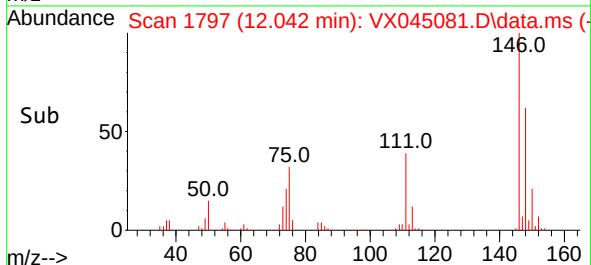
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

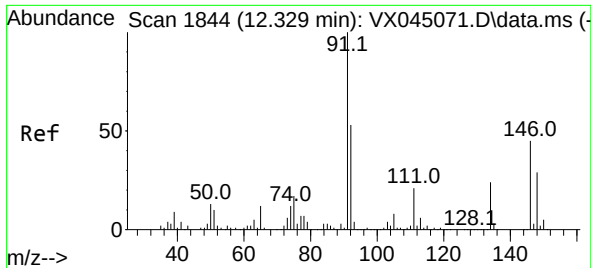


#88
1,4-Dichlorobenzene
Concen: 19.536 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



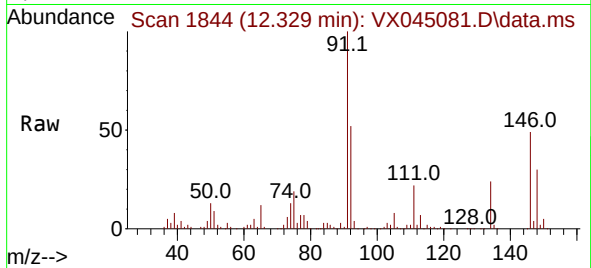
Tgt Ion:146 Resp: 47637
Ion Ratio Lower Upper
146 100
111 41.9 20.2 60.5
148 64.6 31.9 95.9





#89
n-Butylbenzene
Concen: 20.407 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

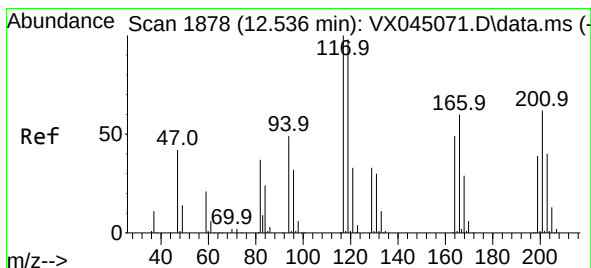
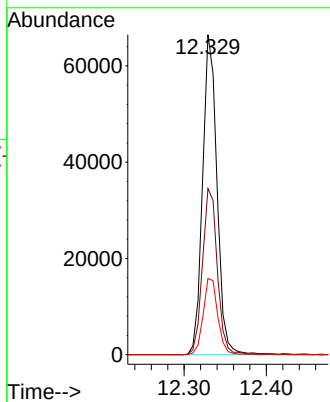
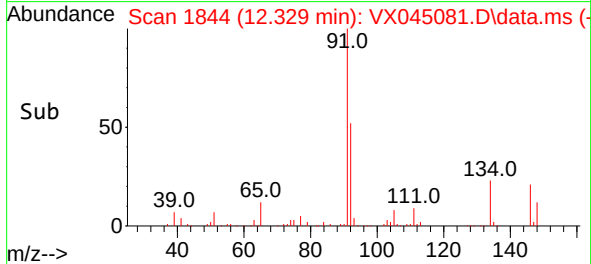
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 91 Resp: 8094
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 24.1 12.2 36.6

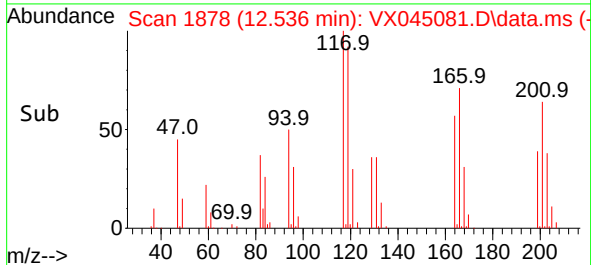
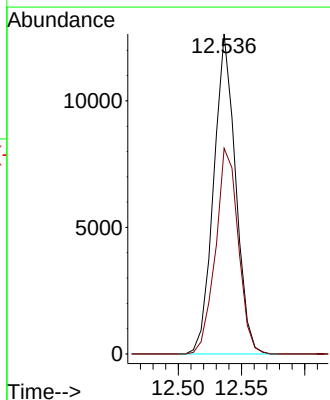
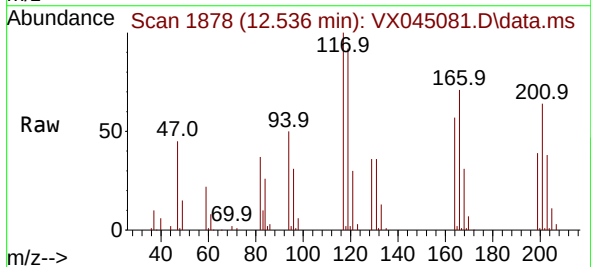
Manual Integrations
APPROVED

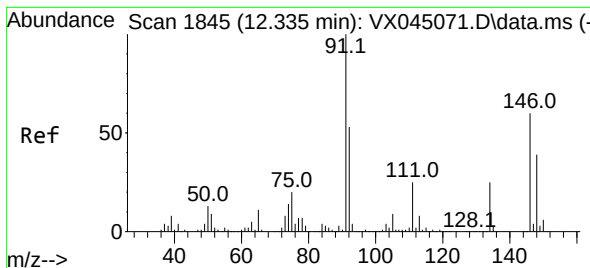
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#90
Hexachloroethane
Concen: 18.238 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

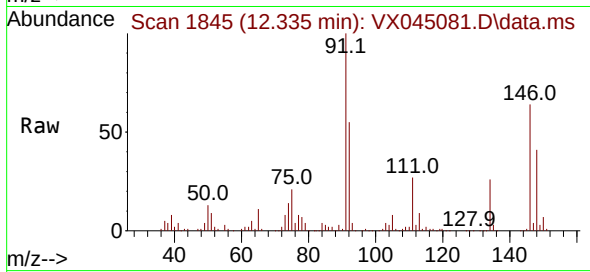
Tgt Ion:117 Resp: 15192
Ion Ratio Lower Upper
117 100
201 66.7 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.751 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

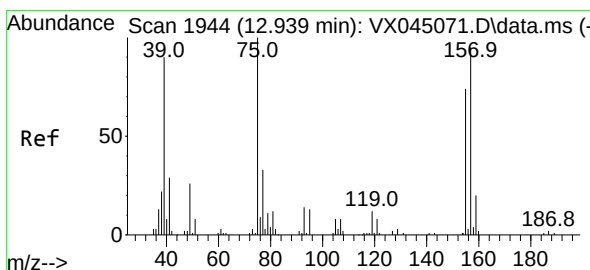
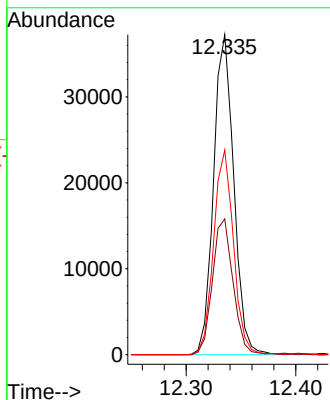
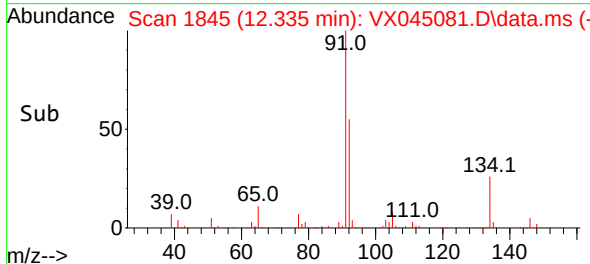
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



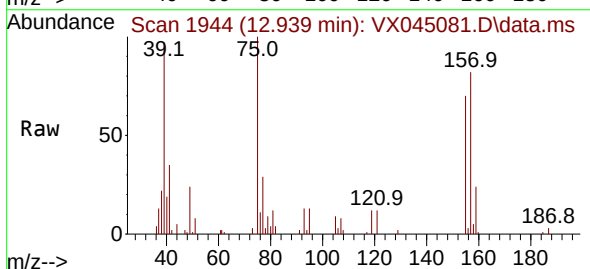
Tgt Ion:146 Resp: 4775
Ion Ratio Lower Upper
146 100
111 43.4 21.6 65.0
148 63.0 31.9 95.9

Manual Integrations
APPROVED

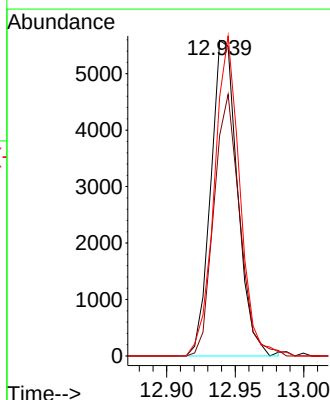
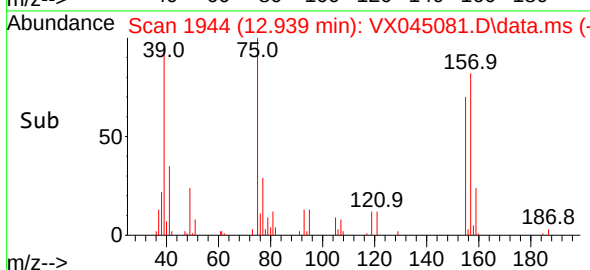
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

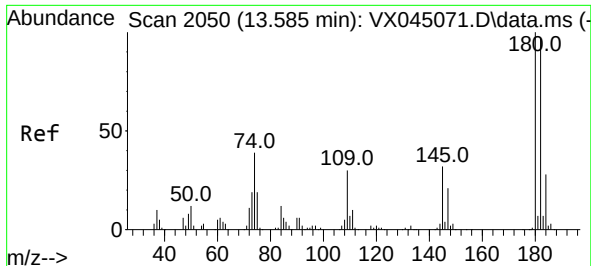


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.482 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



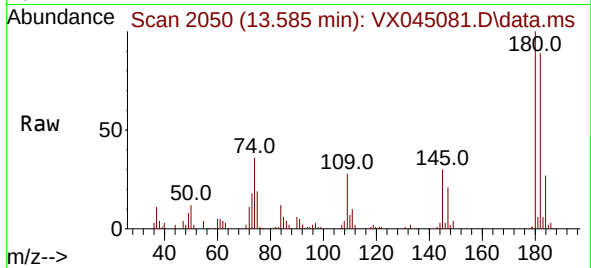
Tgt Ion: 75 Resp: 7566
Ion Ratio Lower Upper
75 100
155 80.3 39.6 118.7
157 96.8 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 20.719 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

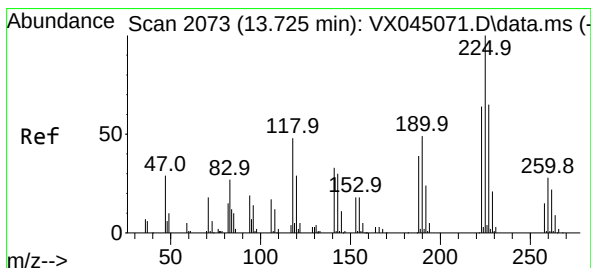
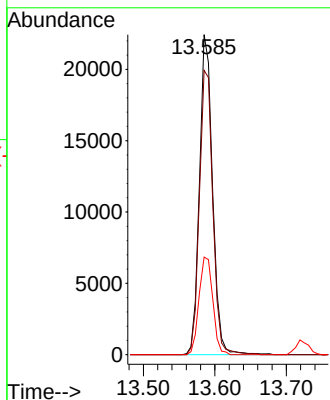
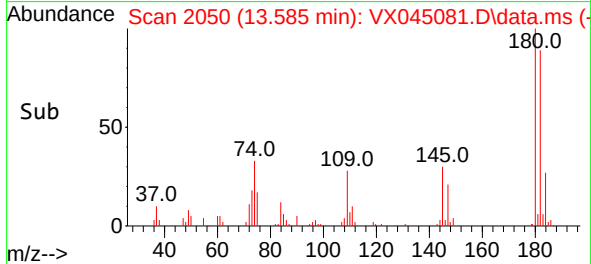
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



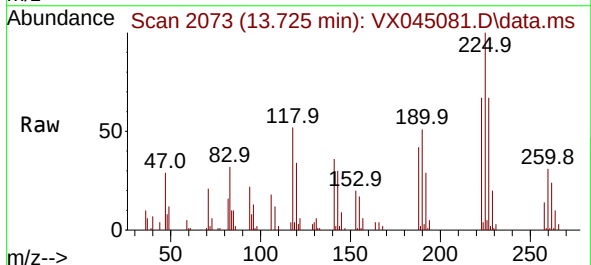
Tgt Ion:180 Resp: 28524
Ion Ratio Lower Upper
180 100
182 91.2 47.3 141.9
145 32.1 16.3 48.9

Manual Integrations
APPROVED

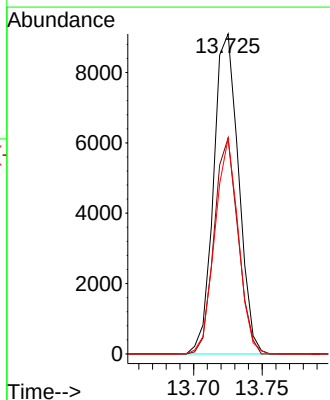
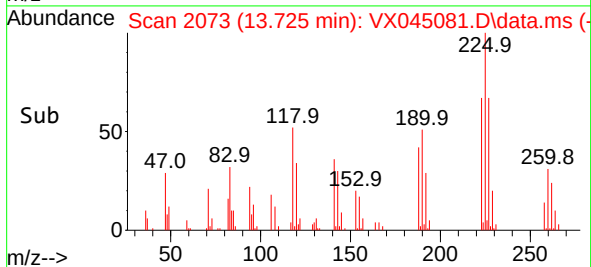
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

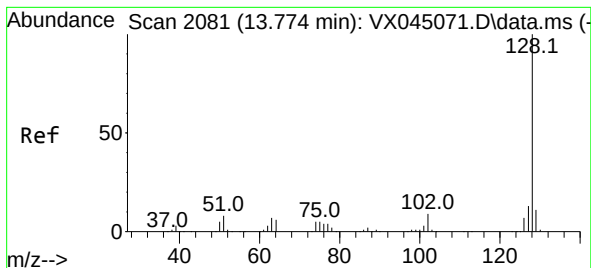


#94
Hexachlorobutadiene
Concen: 20.409 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



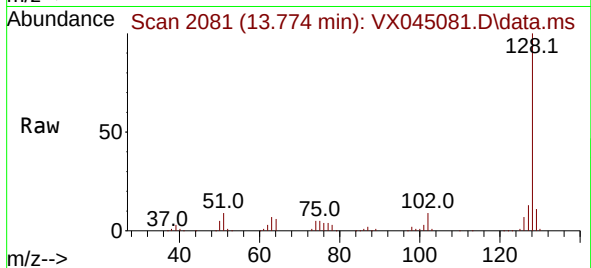
Tgt Ion:225 Resp: 11519
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.7
227 63.3 31.4 94.0





#95
Naphthalene
Concen: 20.074 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13

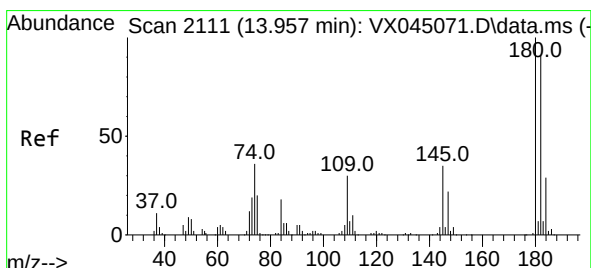
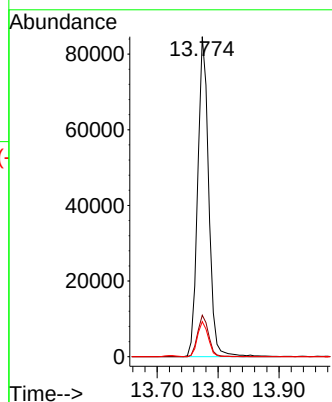
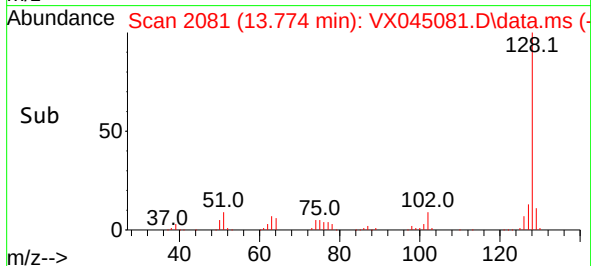
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



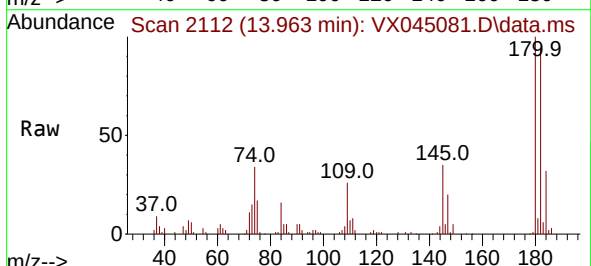
Tgt Ion:128 Resp: 106178
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.355 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045081.D
Acq: 28 Feb 2025 12:13



Tgt Ion:180 Resp: 29563
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.6
145 34.6 17.0 50.9

