

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025187.D
 Acq On : 17 Nov 2021 13:36
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 14:30:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 13:11:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	26173	17.978	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	35.960%#		
35) Dibromofluoromethane	5.385	113	23785	18.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.800%#		
50) Toluene-d8	8.647	98	89216	18.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.900%#		
62) 4-Bromofluorobenzene	11.079	95	33165	19.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24810	20.657	ug/l	99
3) Chloromethane	1.288	50	27829	19.090	ug/l	98
4) Vinyl Chloride	1.374	62	30698	19.422	ug/l	99
5) Bromomethane	1.599	94	23206	29.733	ug/l	98
6) Chloroethane	1.685	64	19843	17.964	ug/l	98
7) Trichlorofluoromethane	1.886	101	44733	19.055	ug/l	99
8) Diethyl Ether	2.130	74	17358	17.688	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	24149	19.231	ug/l	96
10) Methyl Iodide	2.453	142	24626	16.090	ug/l	91
11) Tert butyl alcohol	2.959	59	32085	65.681	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23553	18.724	ug/l	88
13) Acrolein	2.233	56	5732	77.747	ug/l	91
14) Allyl chloride	2.660	41	39479	17.717	ug/l	94
15) Acrylonitrile	3.062	53	67876	89.195	ug/l	98
16) Acetone	2.380	43	73073	90.240	ug/l	93
17) Carbon Disulfide	2.508	76	64225	18.693	ug/l	98
18) Methyl Acetate	2.703	43	43276	17.537	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	77539	18.023	ug/l	98
20) Methylene Chloride	2.788	84	25950	17.722	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	25030	18.527	ug/l	86
22) Diisopropyl ether	3.757	45	76138	17.732	ug/l	94
23) Vinyl Acetate	3.721	43	310638	90.481	ug/l	96
24) 1,1-Dichloroethane	3.611	63	42247	18.141	ug/l	95
25) 2-Butanone	4.556	43	102346	89.687	ug/l	96
26) 2,2-Dichloropropane	4.471	77	39581	18.670	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	29086	18.237	ug/l	90
28) Bromochloromethane	4.897	49	20066	19.725	ug/l	92
29) Tetrahydrofuran	5.001	42	60550	86.617	ug/l	97
30) Chloroform	5.093	83	44308	18.107	ug/l	96
31) Cyclohexane	5.471	56	40778	18.967	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	40340	18.372	ug/l	97
36) 1,1-Dichloropropene	5.690	75	33239	19.367	ug/l	96
37) Ethyl Acetate	4.715	43	36132	18.286	ug/l	98
38) Carbon Tetrachloride	5.678	117	37746	19.440	ug/l	99
39) Methylcyclohexane	7.379	83	43473	19.418	ug/l	93
40) Benzene	6.037	78	100243	18.852	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19681	17.325	ug/l	95
42) 1,2-Dichloroethane	6.086	62	33064	18.667	ug/l	92
43) Isopropyl Acetate	6.336	43	60556	17.708	ug/l	97
44) Trichloroethene	7.123	130	29914	19.444	ug/l	96
45) 1,2-Dichloropropane	7.427	63	24942	18.819	ug/l	97
46) Dibromomethane	7.580	93	17846	18.438	ug/l	91
47) Bromodichloromethane	7.824	83	34774	18.665	ug/l	97
48) Methyl methacrylate	7.690	41	27729	17.220	ug/l	95
49) 1,4-Dioxane	7.659	88	12962	391.986	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	188732	89.380	ug/l	98
52) Toluene	8.720	92	65256	18.685	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	38783	18.364	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	42390	18.881	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	26090	18.482	ug/l	99
56) Ethyl methacrylate	9.116	69	41358	18.195	ug/l	95
57) 1,3-Dichloropropane	9.311	76	42641	18.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	99458	97.336	ug/l	95
59) 2-Hexanone	9.433	43	149305	90.409	ug/l	96
60) Dibromochloromethane	9.519	129	29522	18.094	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27439	18.108	ug/l	96
64) Tetrachloroethene	9.275	164	29135	19.395	ug/l	93
65) Chlorobenzene	10.079	112	72083	19.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	27550	19.256	ug/l	98
67) Ethyl Benzene	10.195	91	123578	19.078	ug/l	95
68) m/p-Xylenes	10.305	106	100929	38.592	ug/l	91
69) o-Xylene	10.640	106	49237	18.959	ug/l	89
70) Styrene	10.659	104	81033	19.194	ug/l	97
71) Bromoform	10.799	173	23135	18.350	ug/l #	99
73) Isopropylbenzene	10.963	105	126584	19.464	ug/l	97
74) N-amyl acetate	10.842	43	49910	17.687	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	38312	18.204	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	36145m	14.831	ug/l	
77) Bromobenzene	11.201	156	32545	19.237	ug/l	91
78) n-propylbenzene	11.305	91	143601	19.450	ug/l	97
79) 2-Chlorotoluene	11.366	91	83964	19.049	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	106039	19.425	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13904	18.850	ug/l	88
82) 4-Chlorotoluene	11.457	91	96466	18.946	ug/l	95
83) tert-Butylbenzene	11.719	119	107469	19.328	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	105459	19.415	ug/l	94
85) sec-Butylbenzene	11.890	105	133107	19.845	ug/l	97
86) p-Isopropyltoluene	12.012	119	113079	19.807	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	60342	19.437	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	60948	19.576	ug/l	98
89) n-Butylbenzene	12.335	91	93709	19.575	ug/l	96
90) Hexachloroethane	12.542	117	20214	19.523	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	58197	18.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8337	19.321	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	37417	21.504	ug/l	97
94) Hexachlorobutadiene	13.725	225	16964	19.832	ug/l	97
95) Naphthalene	13.780	128	113663	20.912	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36019	21.054	ug/l	99

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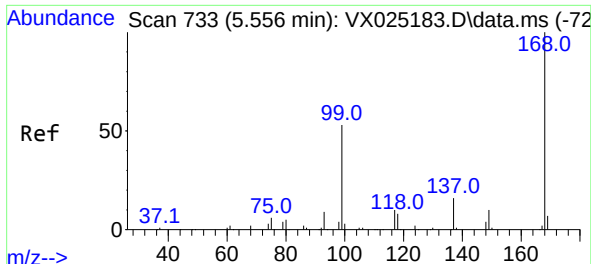
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025187.D
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Instrument :

MSVOA_X

ClientSampleId :

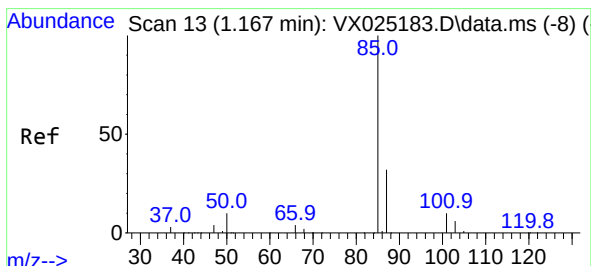
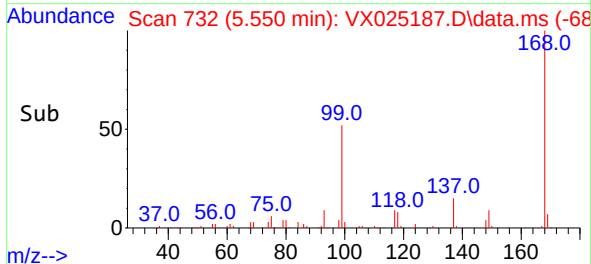
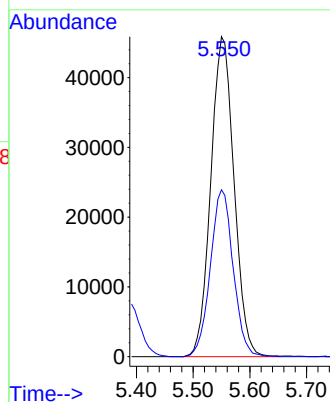
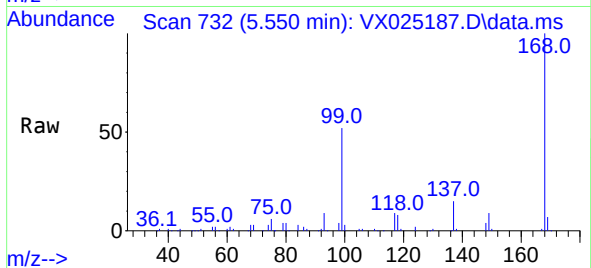
VSTDIC020

Tgt Ion:168 Resp: 13082
Ion Ratio Lower Upper
168 100
99 52.2 46.4 69.6

Manual Integrations

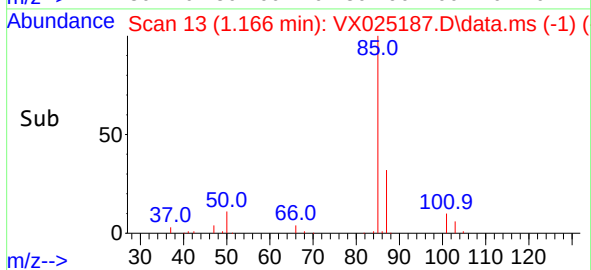
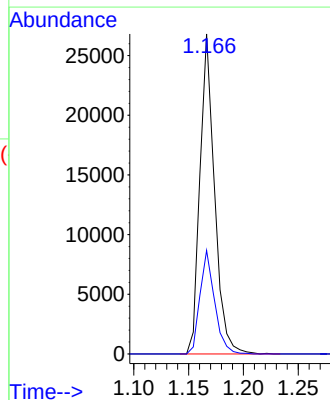
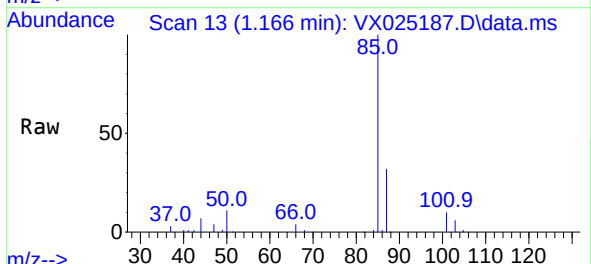
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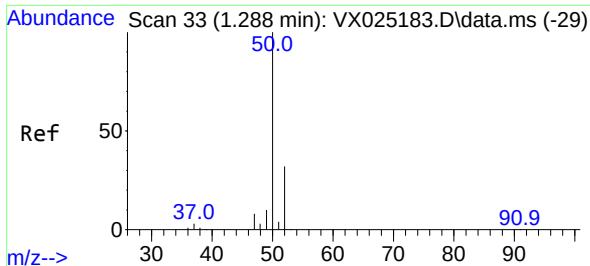
Reviewed By :John Carlone 11/18/2021
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#2
Dichlorodifluoromethane
Concen: 20.657 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

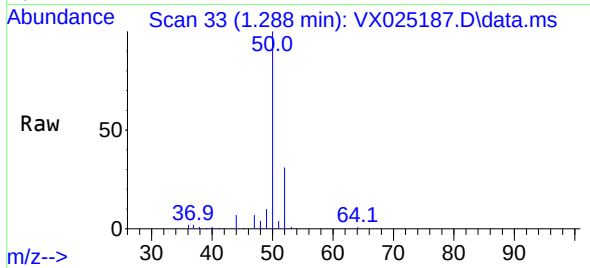
Tgt Ion: 85 Resp: 24810
Ion Ratio Lower Upper
85 100
87 32.4 16.0 47.9





#3
Chloromethane
Concen: 19.090 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

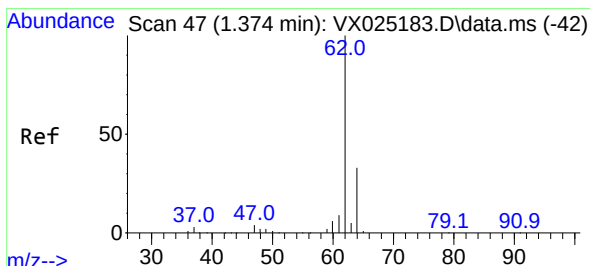
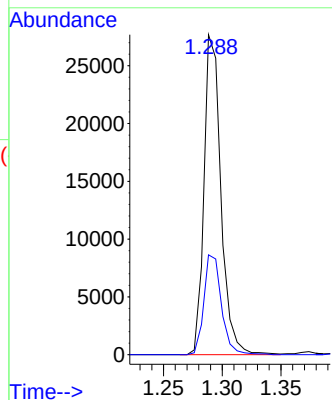
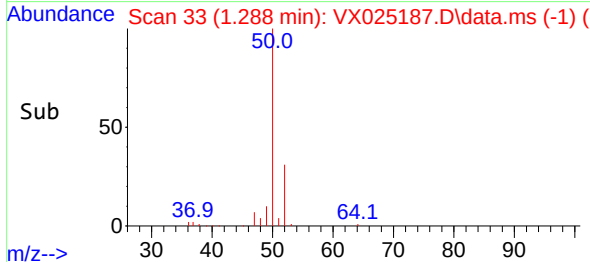
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VSTDICC020



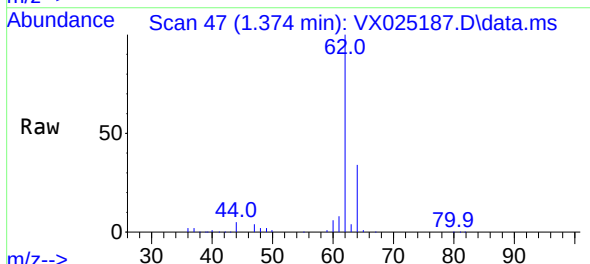
Tgt Ion: 50 Resp: 27829
Ion Ratio Lower Upper
50 100
52 31.2 25.9 38.9

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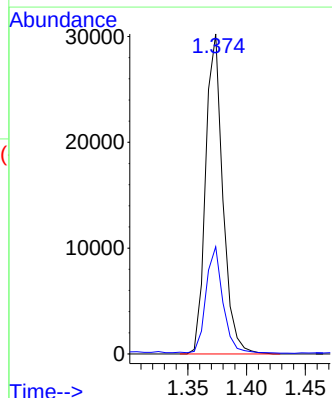
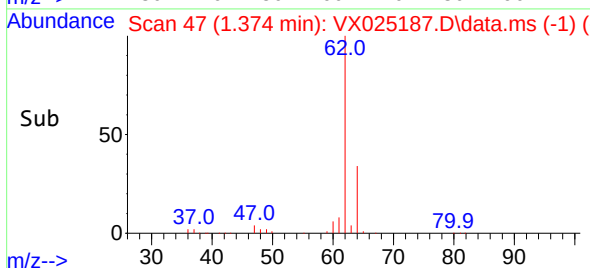
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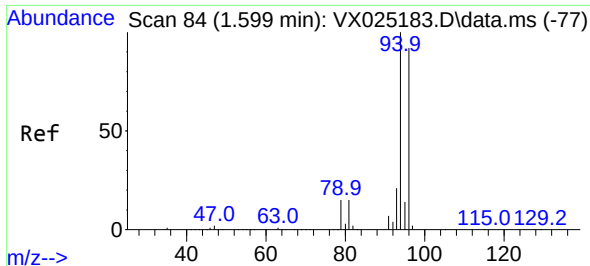


#4
Vinyl Chloride
Concen: 19.422 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 62 Resp: 30698
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0





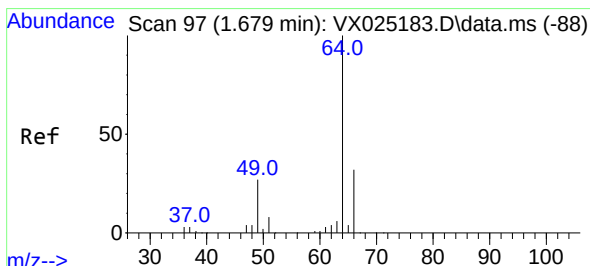
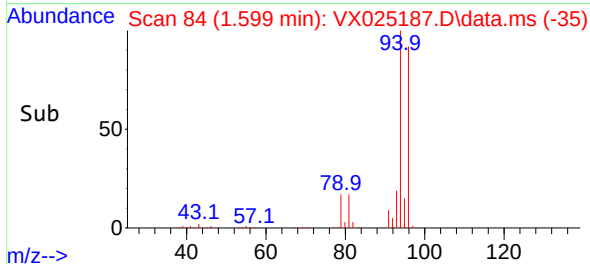
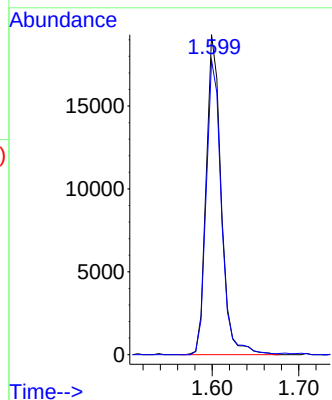
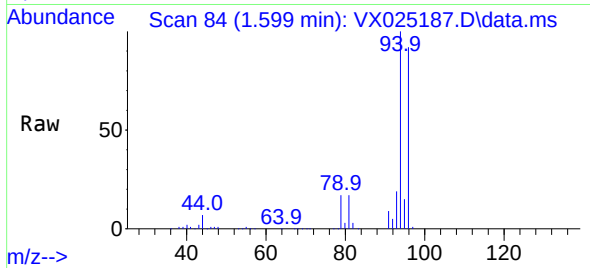
#5
Bromomethane
Concen: 29.733 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025187.D
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Instrument :
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Tgt Ion: 94 Resp: 23200
Ion Ratio Lower Upper
94 100
96 92.0 74.8 112.2

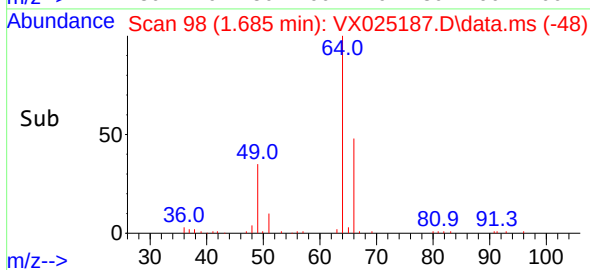
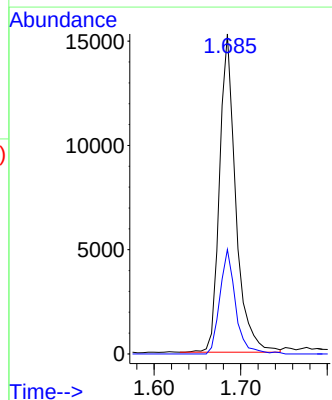
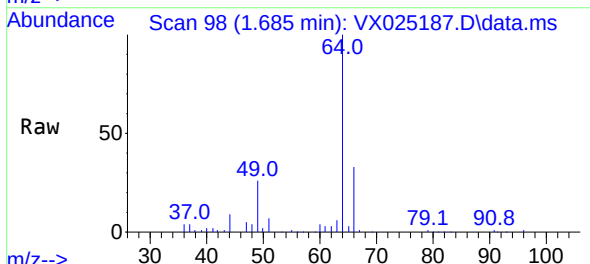
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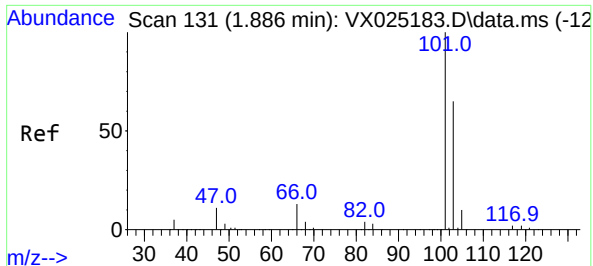
Reviewed By :John Carlone 11/18/2021
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#6
Chloroethane
Concen: 17.964 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025187.D
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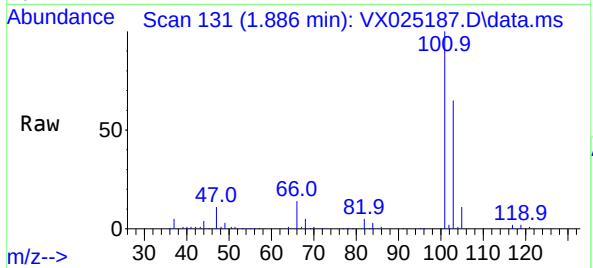
Tgt Ion: 64 Resp: 19843
Ion Ratio Lower Upper
64 100
66 32.8 25.6 38.4





#7
Trichlorofluoromethane
Concen: 19.055 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025187.D
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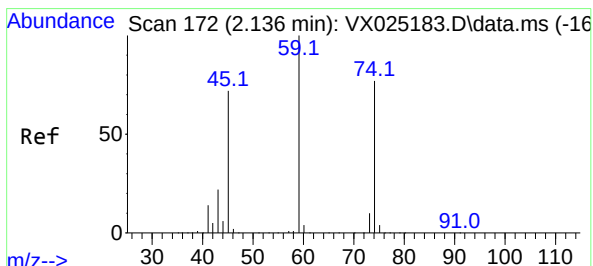
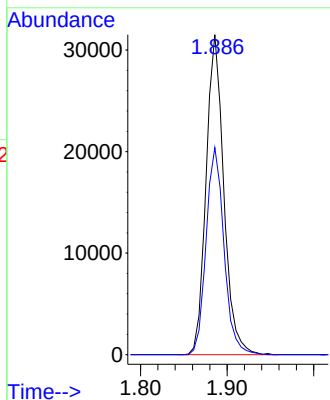
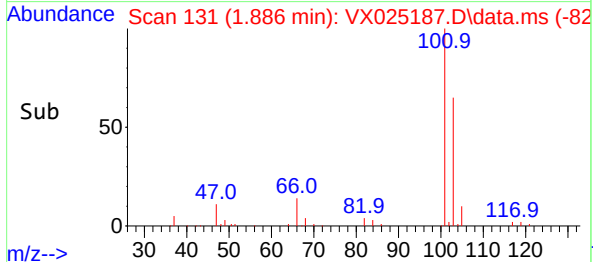
Instrument :
MSVOA_X
ClientSampleId :
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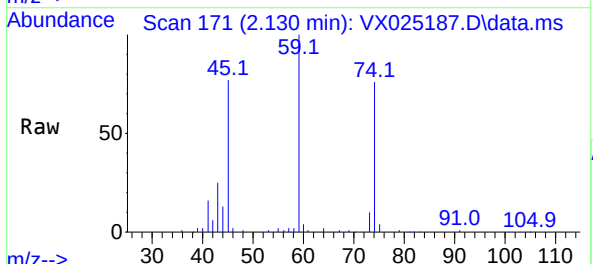
Tgt Ion:101 Resp: 4473
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

Manual Integrations
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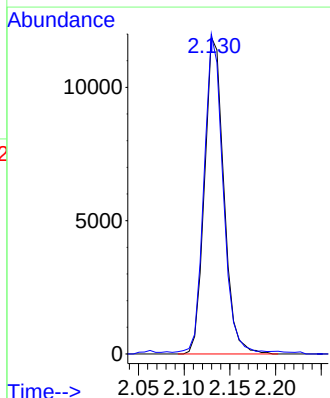
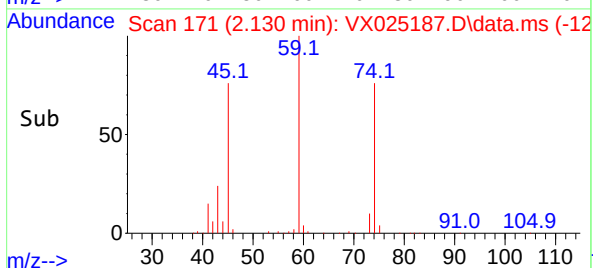
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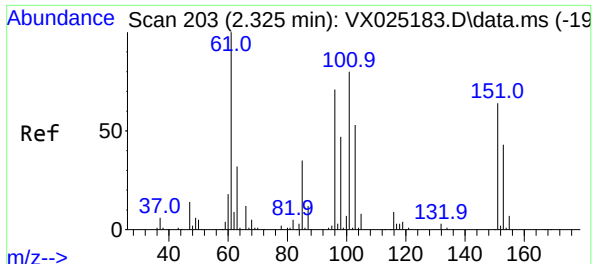


#8
Diethyl Ether
Concen: 17.688 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 17358
Ion Ratio Lower Upper
74 100
45 101.4 47.6 142.9





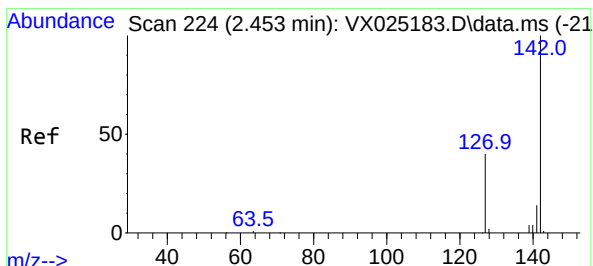
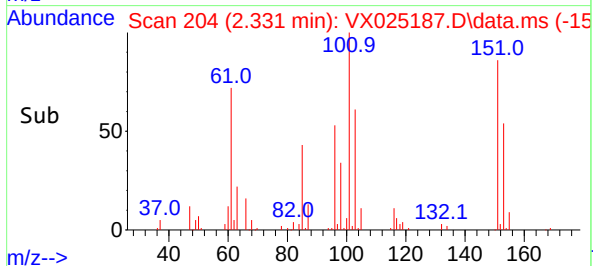
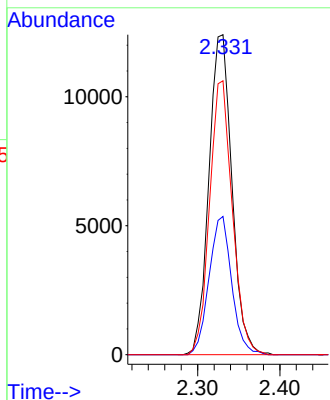
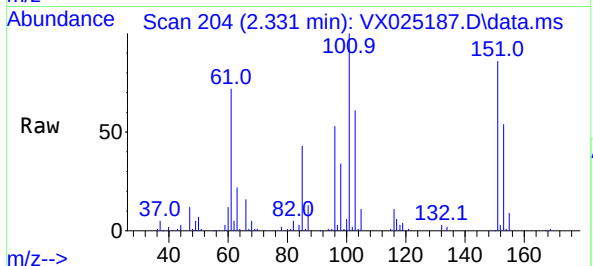
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.231 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 24149
Ion Ratio Lower Upper
101 100
85 42.6 35.9 53.9
151 84.4 64.4 96.6

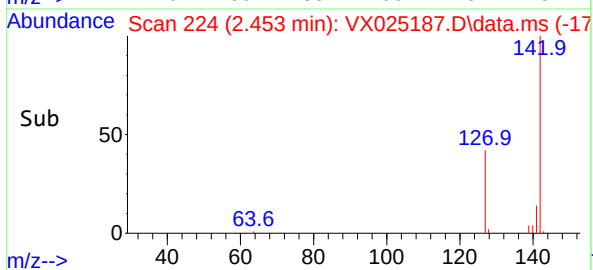
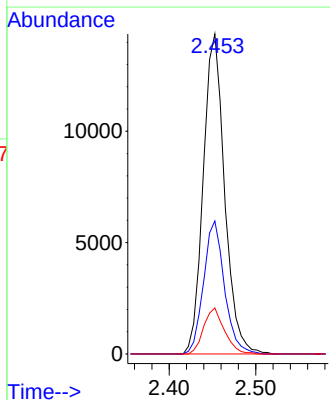
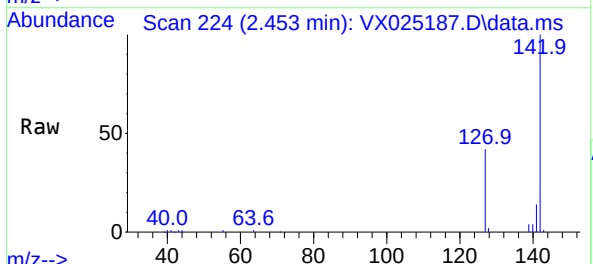
Manual Integrations
APPROVED

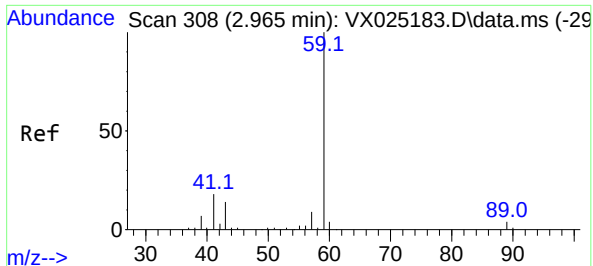
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 16.090 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:142 Resp: 24626
Ion Ratio Lower Upper
142 100
127 40.7 38.9 58.3
141 14.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 65.681 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 3208

Ion Ratio Lower Upper

59 100

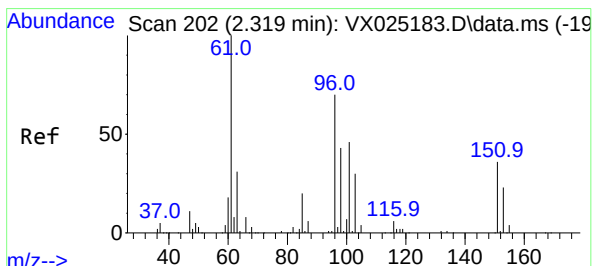
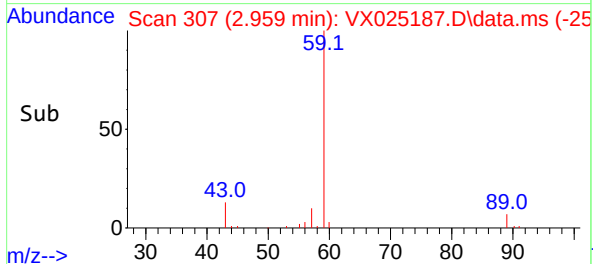
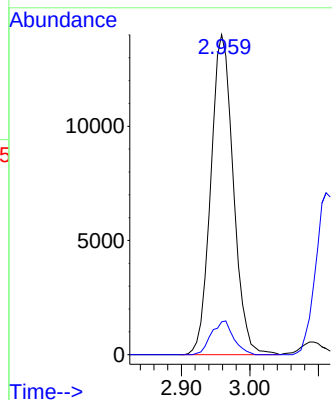
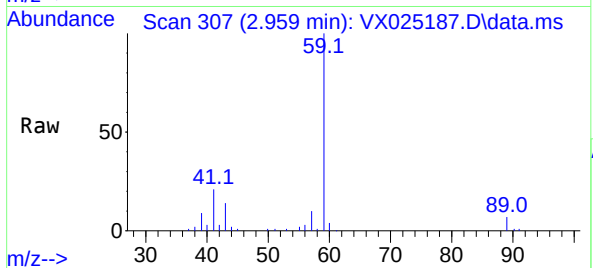
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#12

1,1-Dichloroethene

Concen: 18.724 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

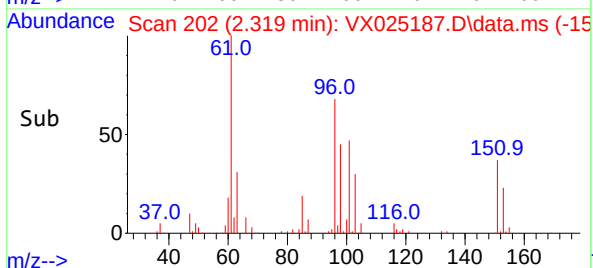
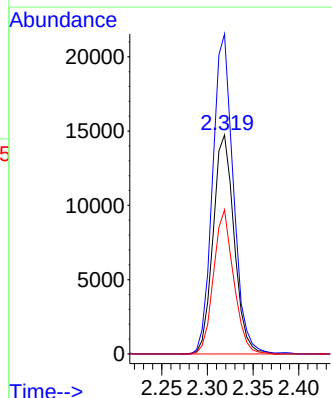
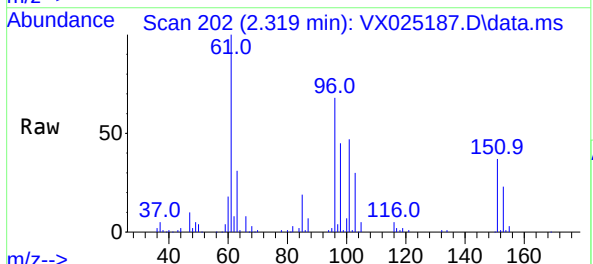
Tgt Ion: 96 Resp: 23553

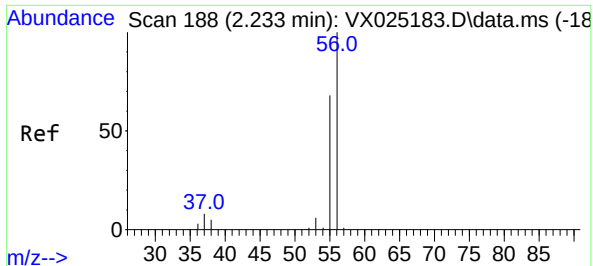
Ion Ratio Lower Upper

96 100

61 146.1 134.1 201.1

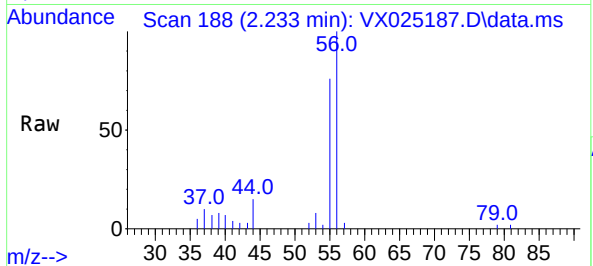
98 65.8 51.5 77.3





#13
Acrolein
Concen: 77.747 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

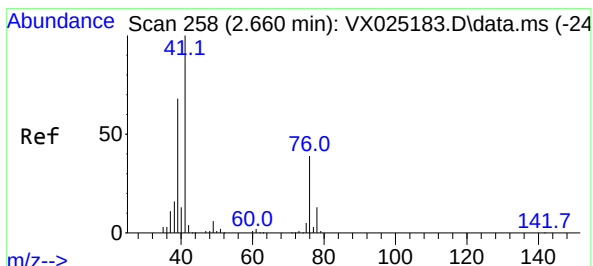
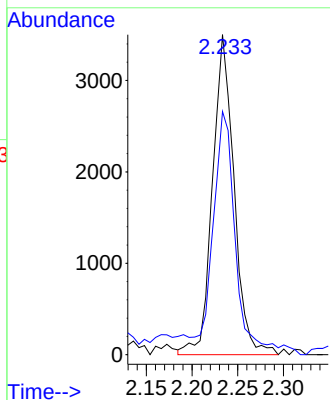
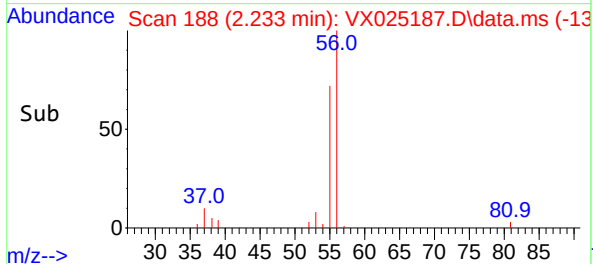
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



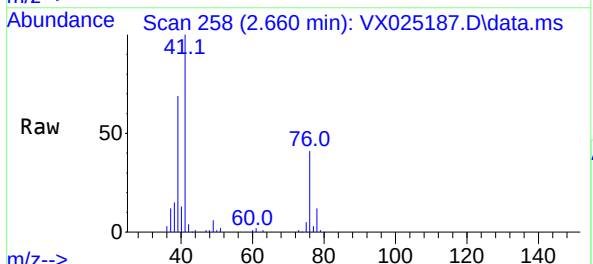
Tgt Ion: 56 Resp: 5732
Ion Ratio Lower Upper
56 100
55 80.4 58.6 87.8

Manual Integrations
APPROVED

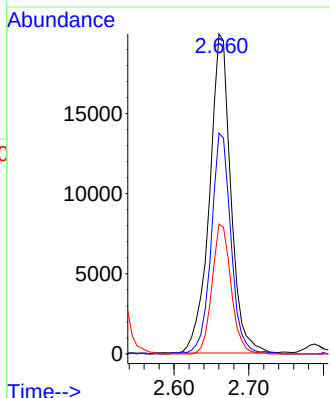
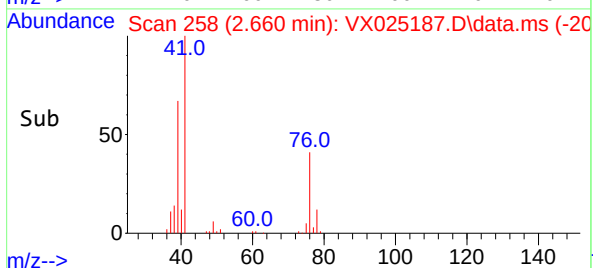
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

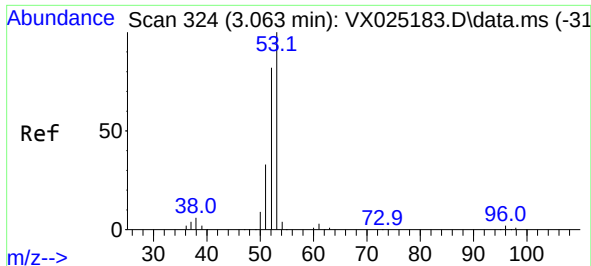


#14
Allyl chloride
Concen: 17.717 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 41 Resp: 39479
Ion Ratio Lower Upper
41 100
39 64.4 54.6 82.0
76 36.2 25.3 37.9





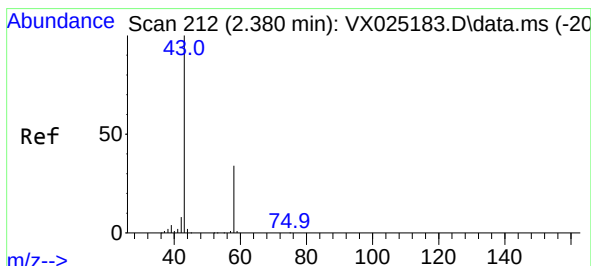
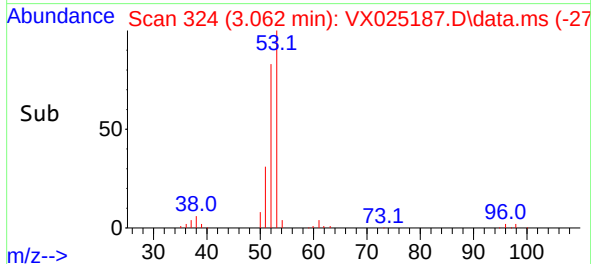
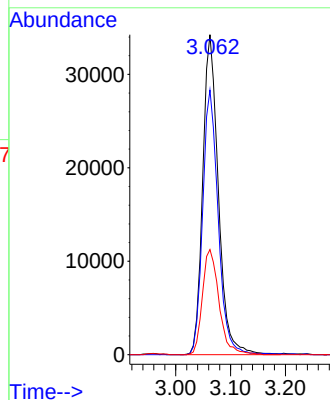
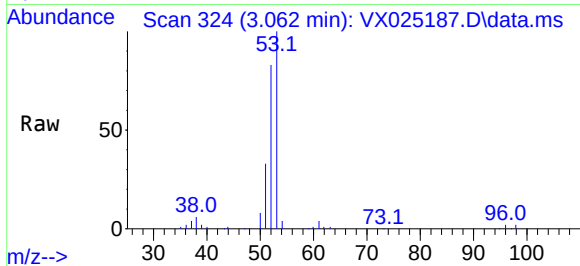
#15
Acrylonitrile
Concen: 89.195 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 67870
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.0 29.8 44.8

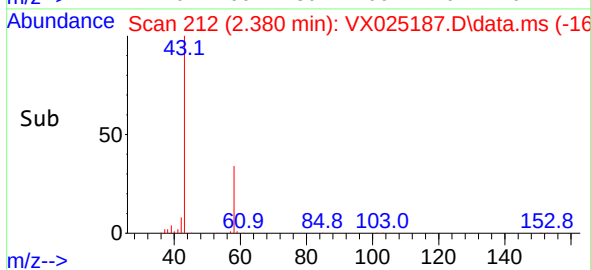
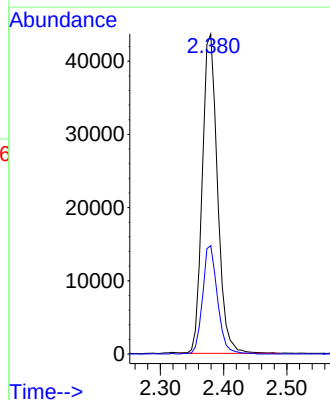
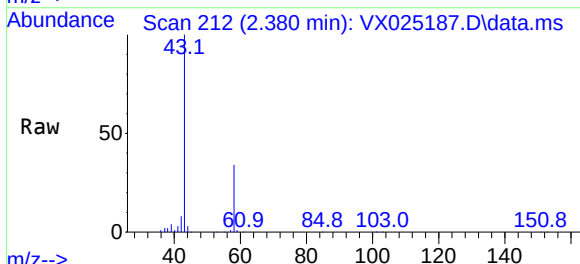
Manual Integrations
APPROVED

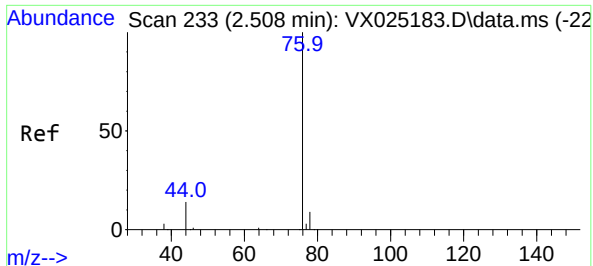
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 90.240 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

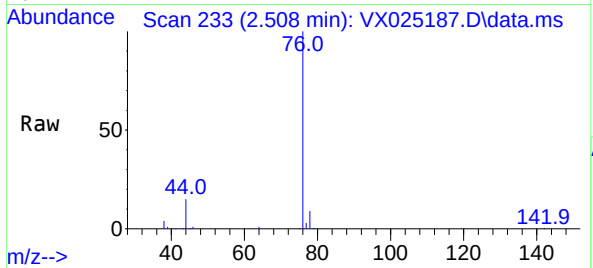
Tgt Ion: 43 Resp: 73073
Ion Ratio Lower Upper
43 100
58 33.9 24.0 36.0





#17
Carbon Disulfide
Concen: 18.693 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

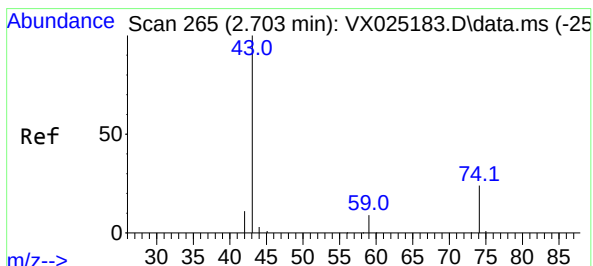
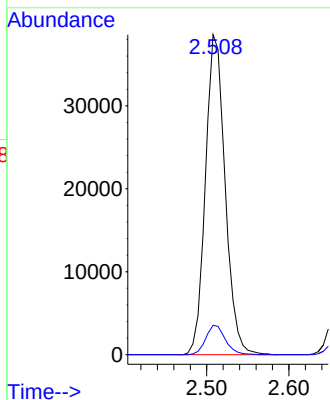
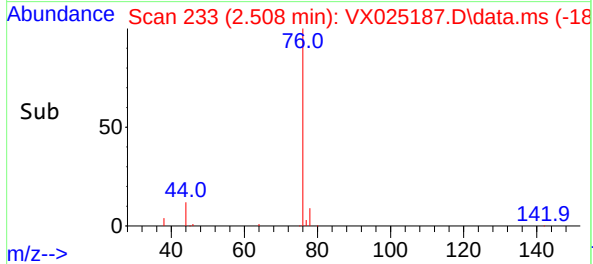
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



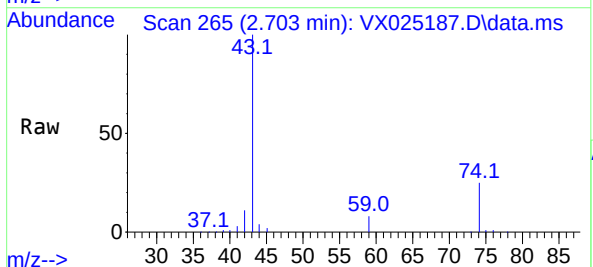
Tgt Ion: 76 Resp: 64225
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

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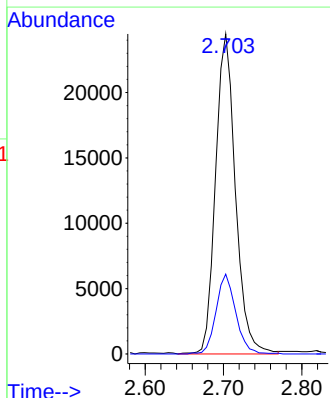
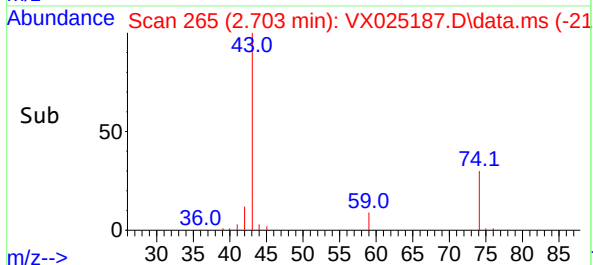
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

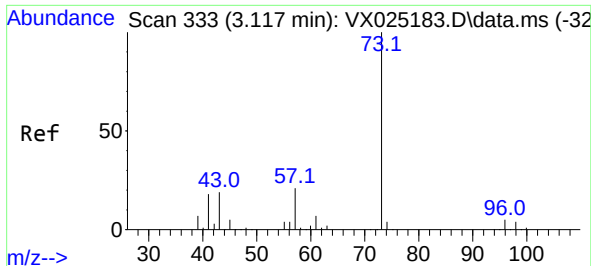


#18
Methyl Acetate
Concen: 17.537 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 43 Resp: 43276
Ion Ratio Lower Upper
43 100
74 24.7 19.0 28.6





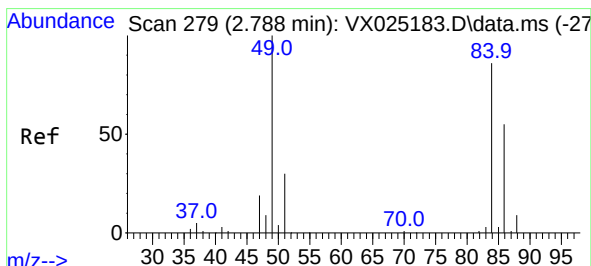
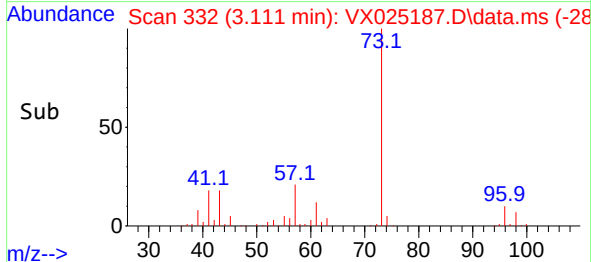
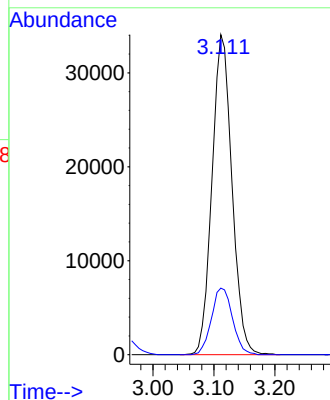
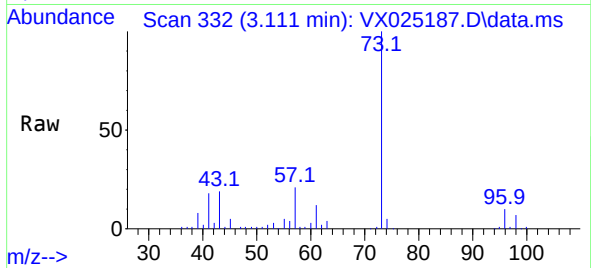
#19
Methyl tert-butyl Ether
Concen: 18.023 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 77539
Ion Ratio Lower Upper
73 100
57 20.8 17.5 26.3

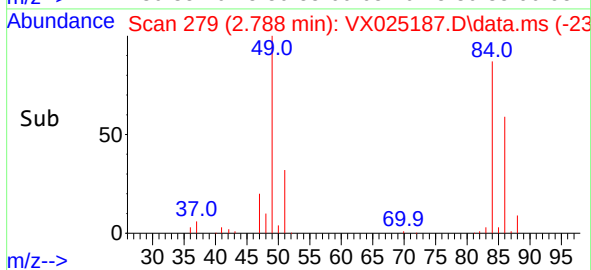
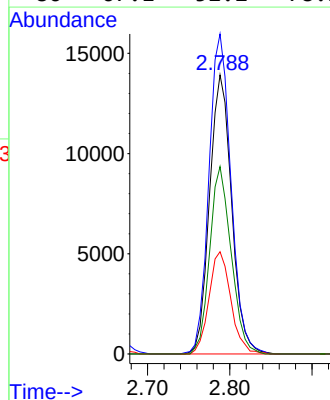
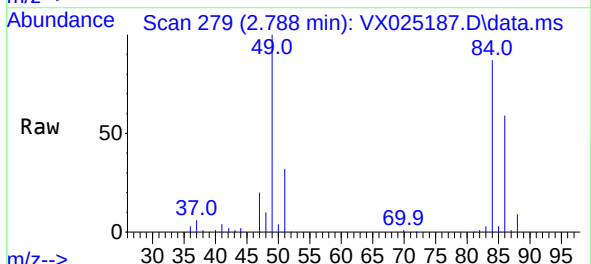
Manual Integrations
APPROVED

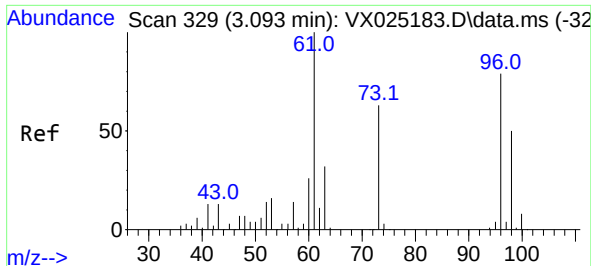
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 17.722 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

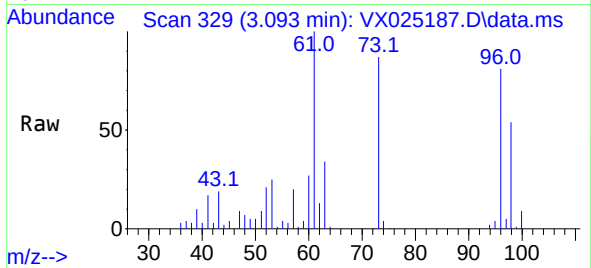
Tgt Ion: 84 Resp: 25950
Ion Ratio Lower Upper
84 100
49 114.7 98.2 147.2
51 36.6 30.2 45.4
86 67.1 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 18.527 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

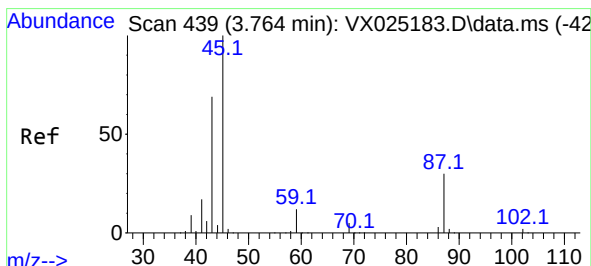
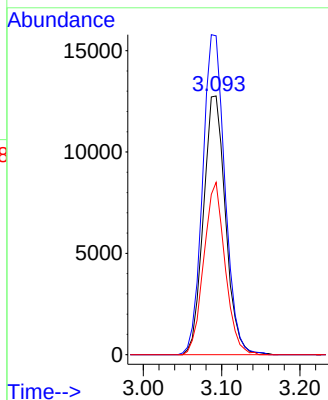
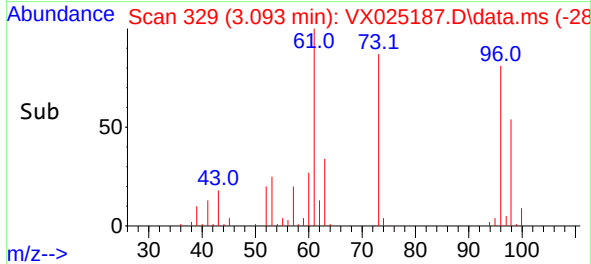
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



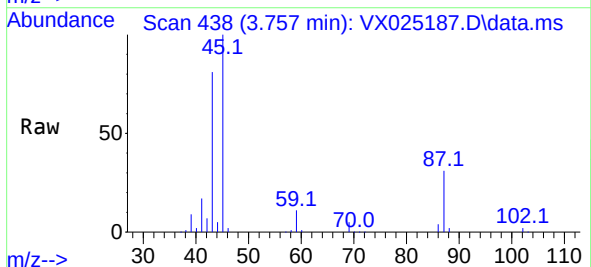
Tgt Ion: 96 Resp: 25030
Ion Ratio Lower Upper
96 100
61 123.2 117.9 176.9
98 66.6 51.1 76.7

Manual Integrations
APPROVED

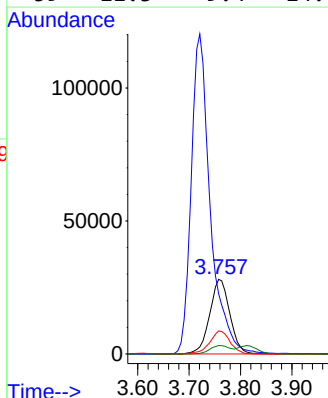
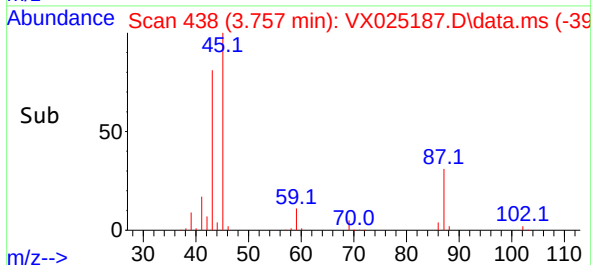
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

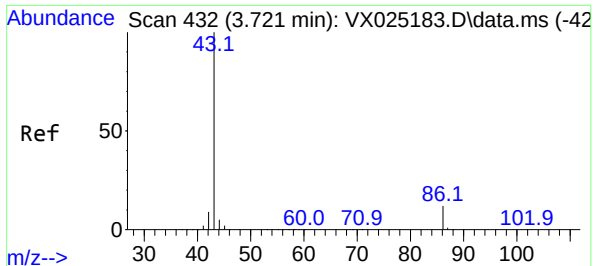


#22
Diisopropyl ether
Concen: 17.732 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 45 Resp: 76138
Ion Ratio Lower Upper
45 100
43 79.8 58.3 87.5
87 31.0 23.7 35.5
59 11.3 9.4 14.0





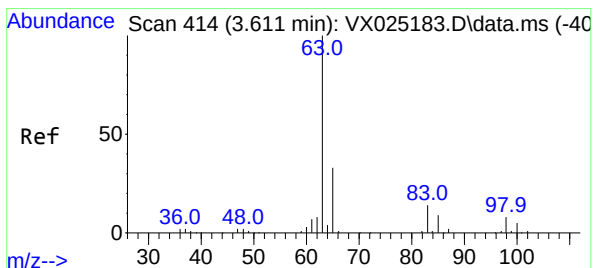
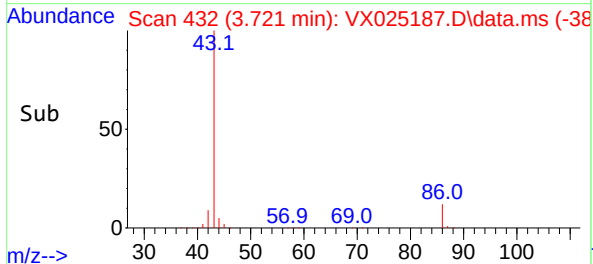
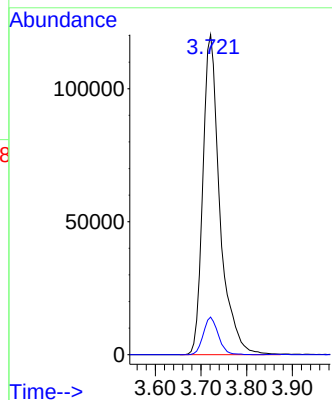
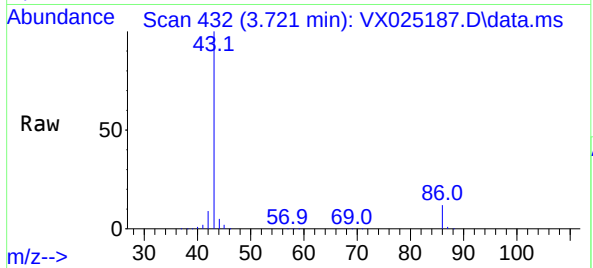
#23
 Vinyl Acetate
 Concen: 90.481 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025187.D
 Acq: 17 Nov 2021 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 310638
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.2 12.4

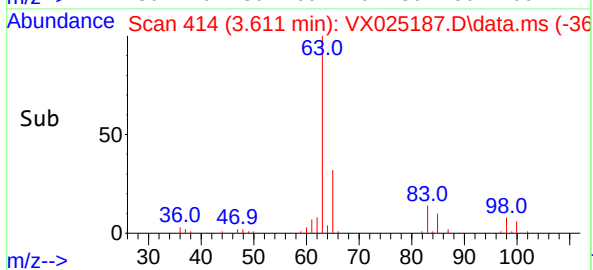
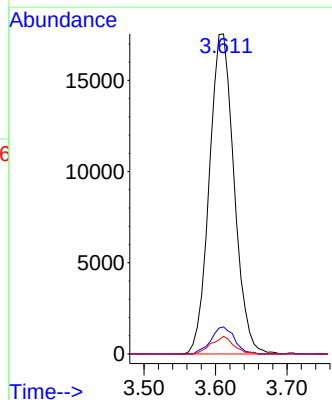
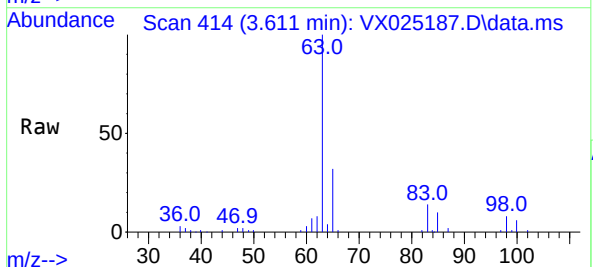
Manual Integrations
 APPROVED

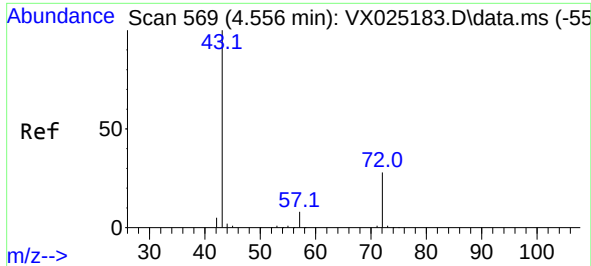
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 18.141 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025187.D
 Acq: 17 Nov 2021 13:36

Tgt Ion: 63 Resp: 42247
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.9
 100 5.5 2.1 6.2





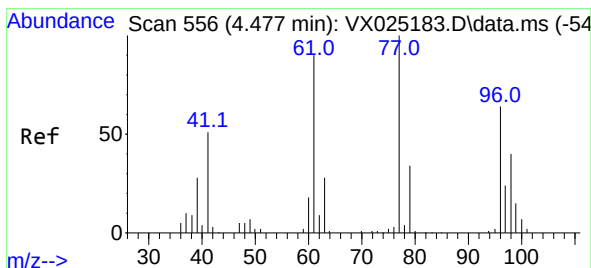
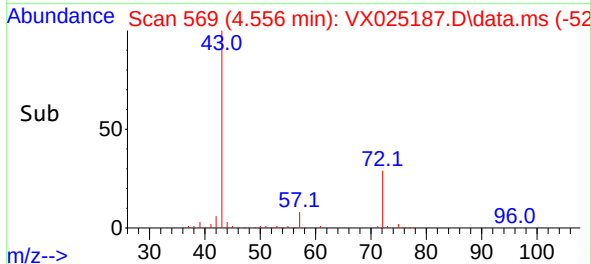
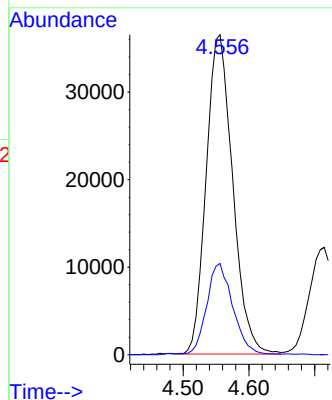
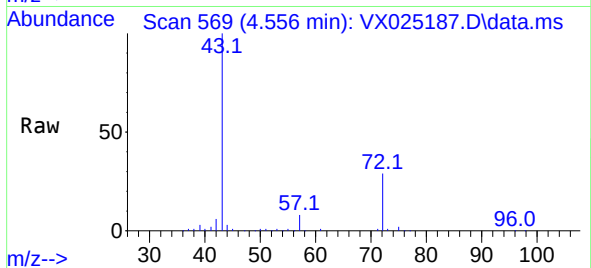
#25
2-Butanone
Concen: 89.687 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 102340
Ion Ratio Lower Upper
43 100
72 28.4 21.2 31.8

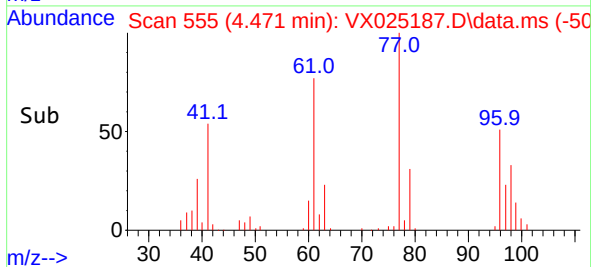
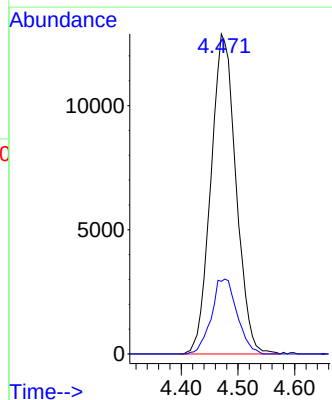
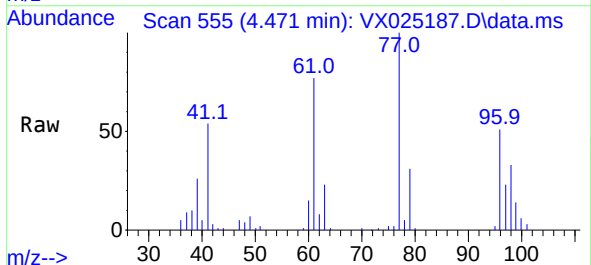
Manual Integrations
APPROVED

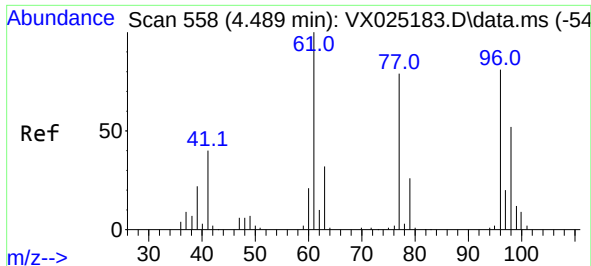
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 18.670 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion: 77 Resp: 39581
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.237 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 2908

Ion Ratio Lower Upper

96 100

61 133.5 0.0 302.2

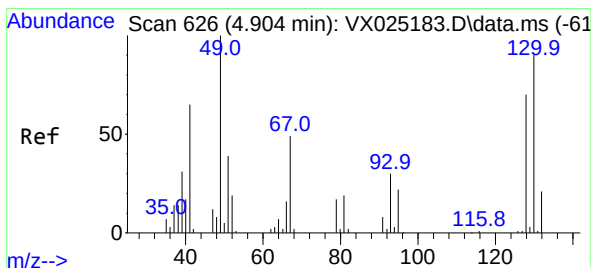
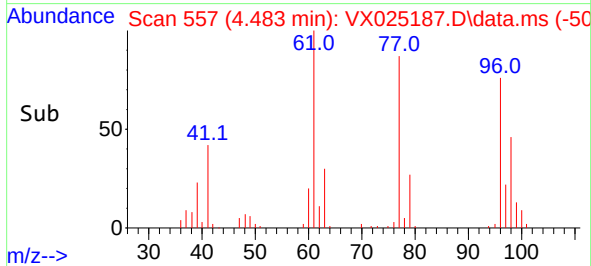
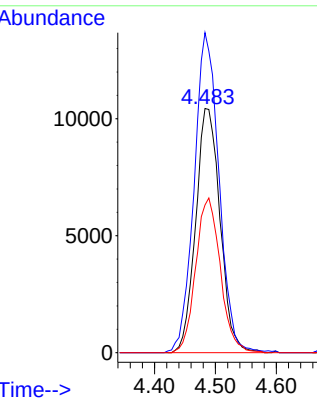
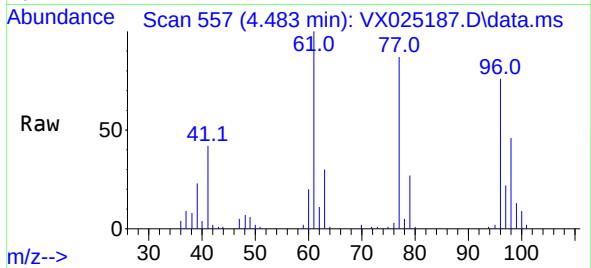
98 63.9 0.0 131.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 19.725 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

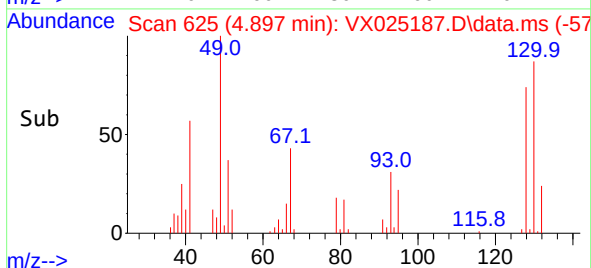
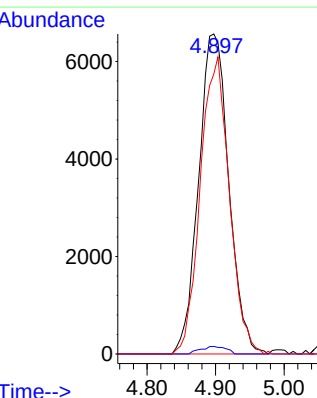
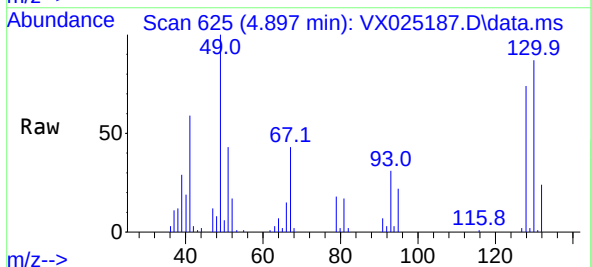
Tgt Ion: 49 Resp: 20066

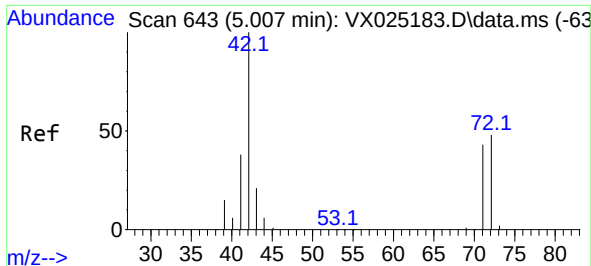
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 89.2 65.2 97.8





#29

Tetrahydrofuran

Concen: 86.617 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 60550

Ion Ratio Lower Upper

42 100

72 46.9 36.1 54.1

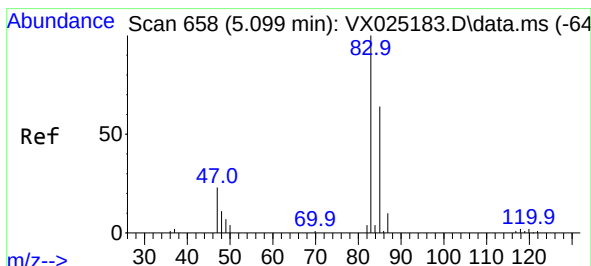
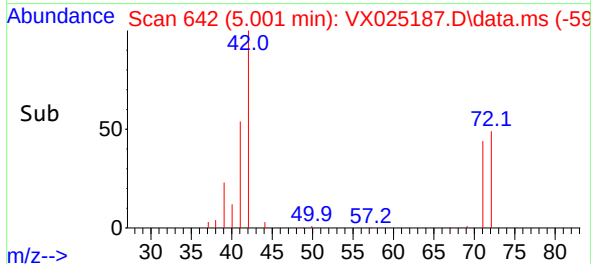
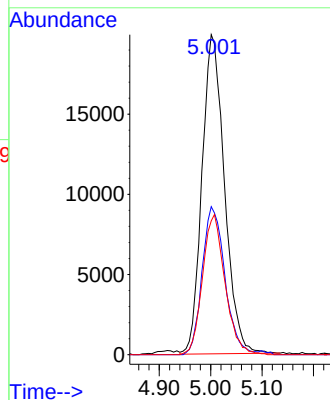
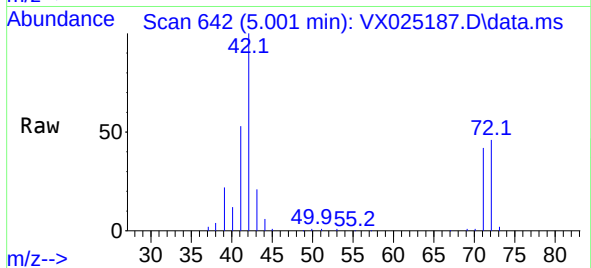
71 43.8 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 18.107 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX025187.D

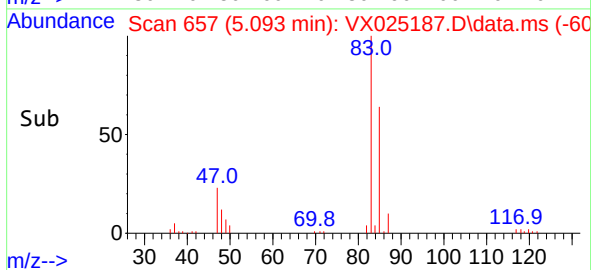
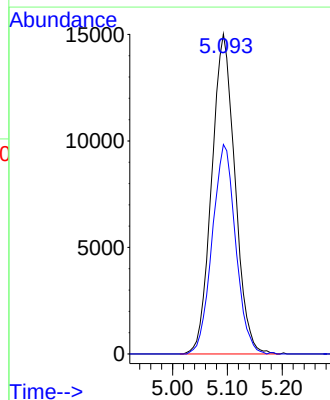
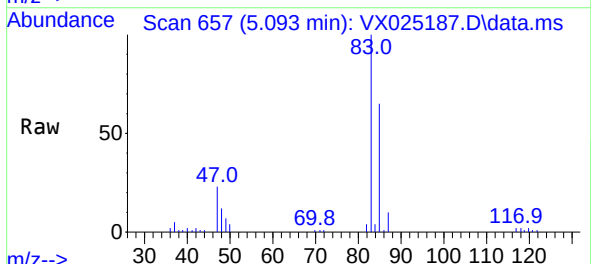
Acq: 17 Nov 2021 13:36

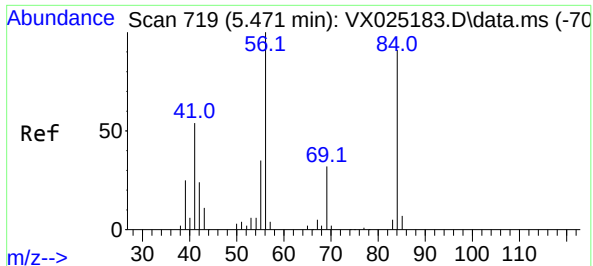
Tgt Ion: 83 Resp: 44308

Ion Ratio Lower Upper

83 100

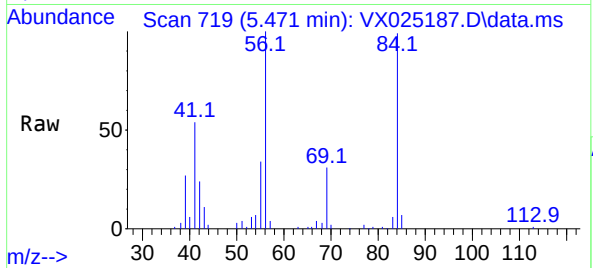
85 65.5 50.2 75.2





#31
Cyclohexane
Concen: 18.967 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

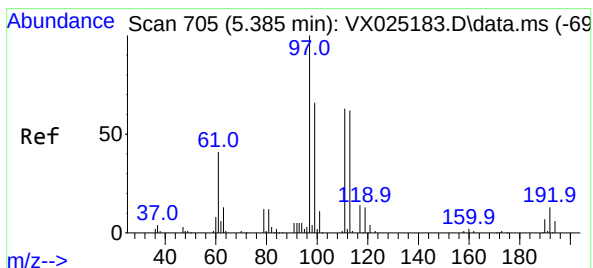
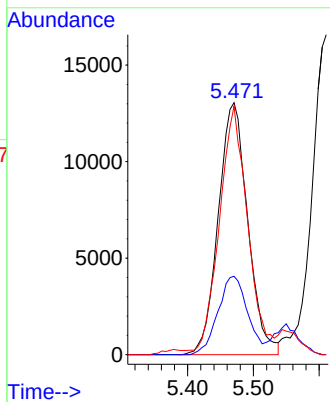
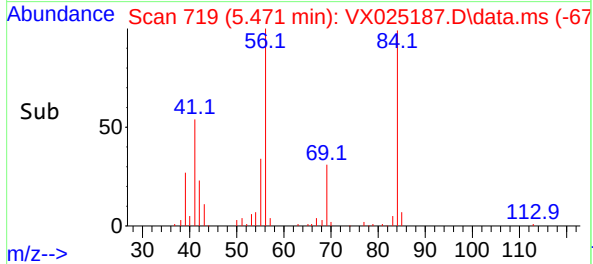
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



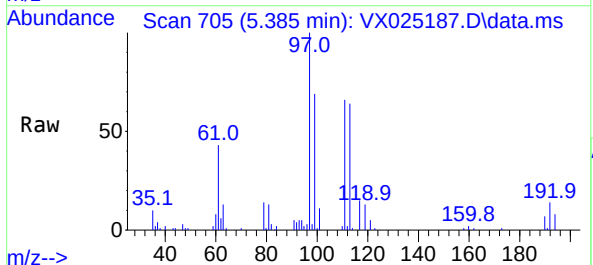
Tgt Ion: 56 Resp: 40778
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.2
84 96.8 71.5 107.3

Manual Integrations
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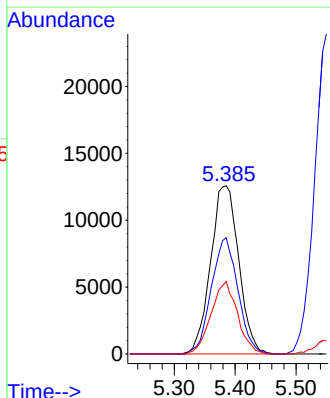
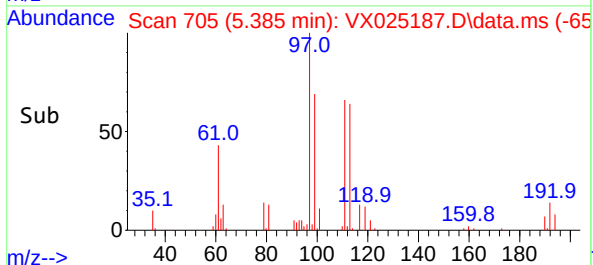
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

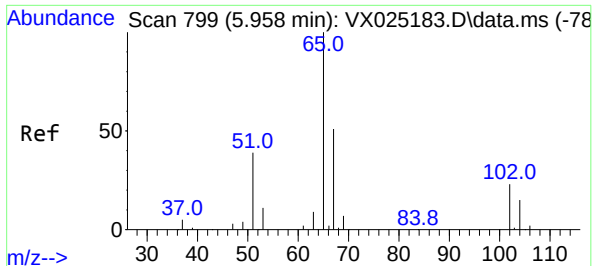


#32
1,1,1-Trichloroethane
Concen: 18.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 97 Resp: 40340
Ion Ratio Lower Upper
97 100
99 65.3 50.9 76.3
61 40.3 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 17.978 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2617

Ion Ratio Lower Upper

65 100

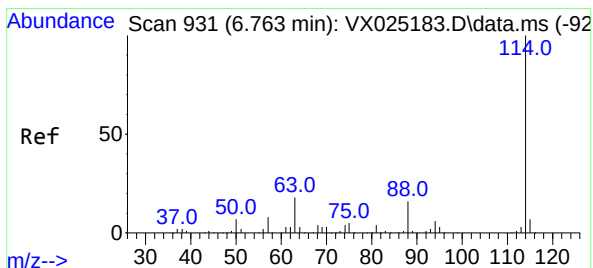
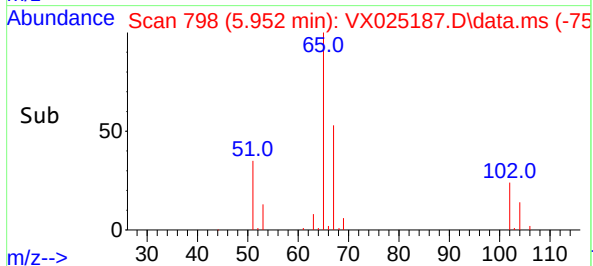
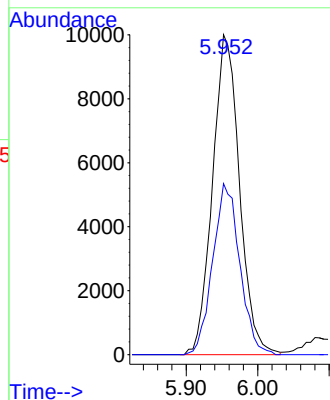
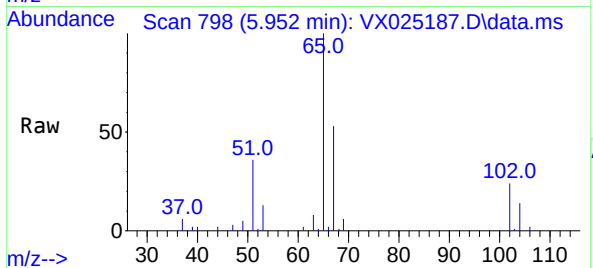
67 53.6 0.0 101.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

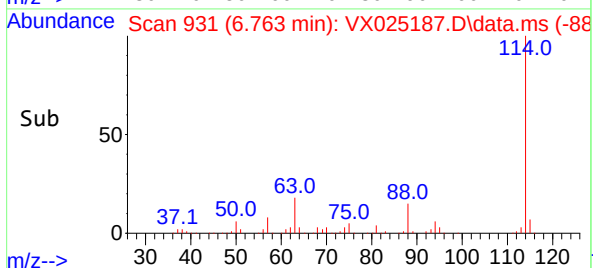
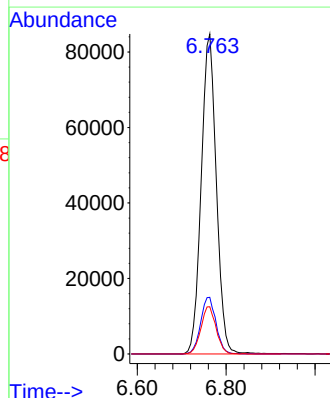
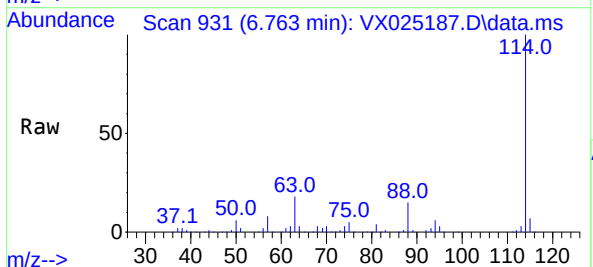
Tgt Ion:114 Resp: 200634

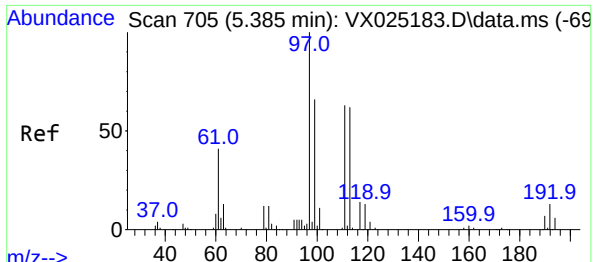
Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.0

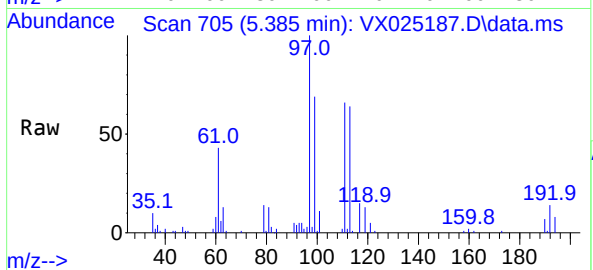
88 14.8 0.0 34.8





#35
Dibromofluoromethane
Concen: 18.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

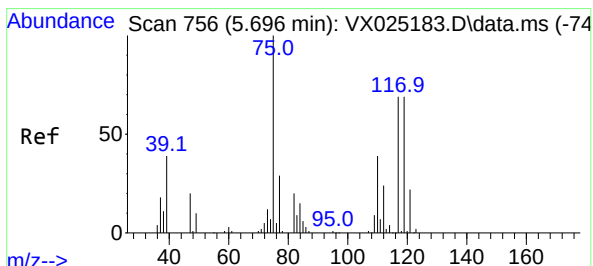
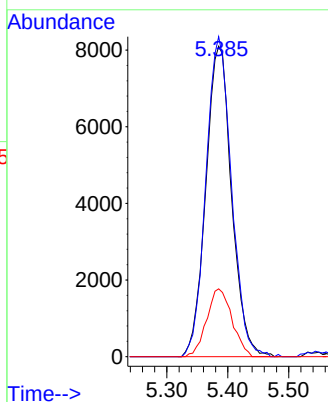
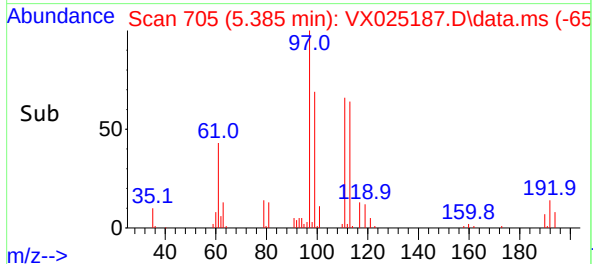
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020



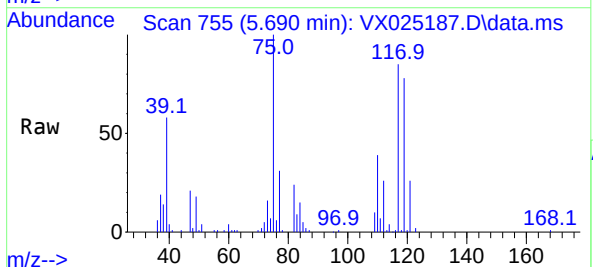
Tgt Ion: 113 Resp: 2378
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 21.5 15.6 23.4

Manual Integrations
APPROVED

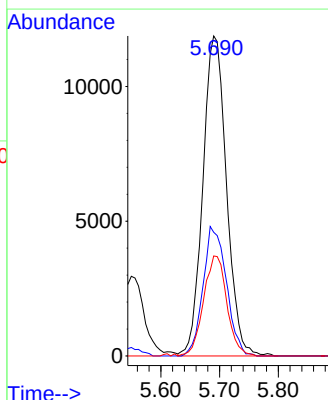
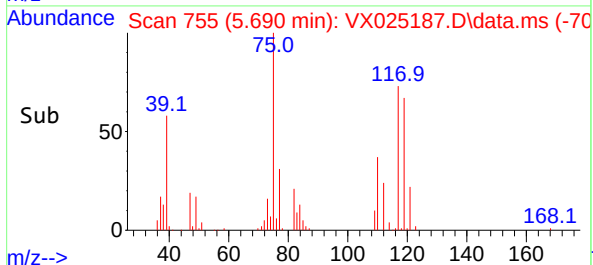
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

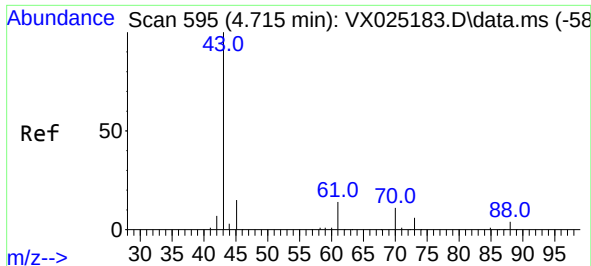


#36
1,1-Dichloropropene
Concen: 19.367 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 75 Resp: 33239
Ion Ratio Lower Upper
75 100
110 39.9 18.1 54.3
77 30.8 24.4 36.6





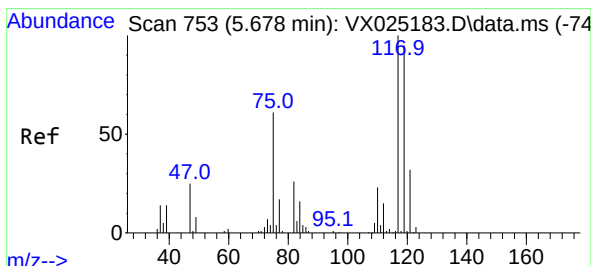
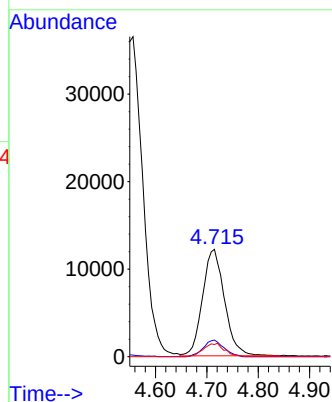
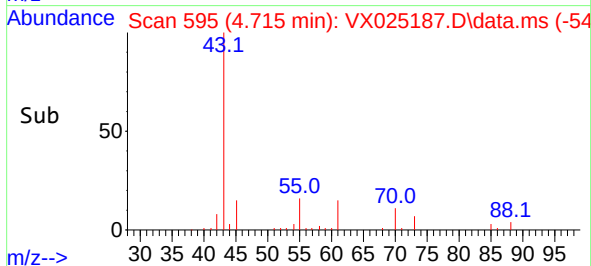
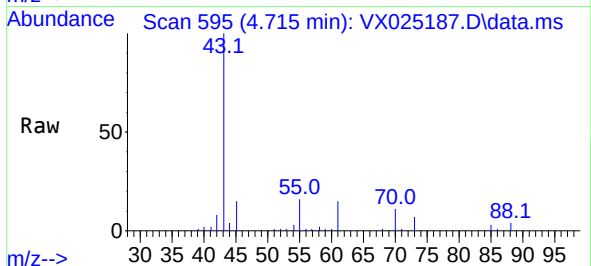
#37
Ethyl Acetate
Concen: 18.286 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 3613
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 11.9 8.6 12.8

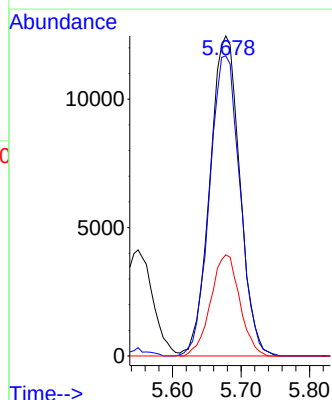
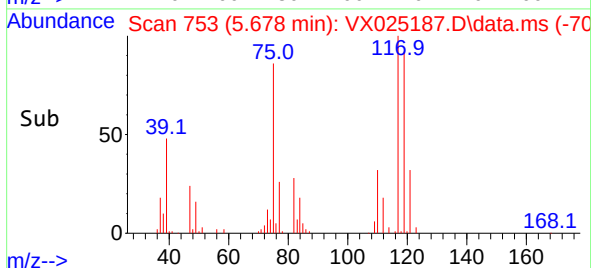
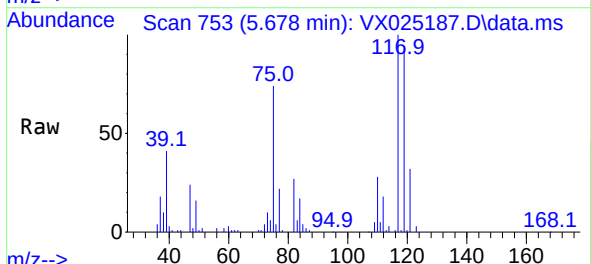
Manual Integrations
APPROVED

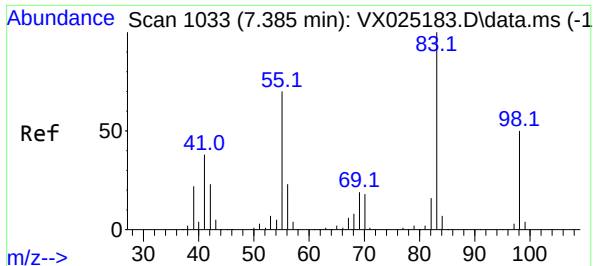
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 19.440 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:117 Resp: 37746
Ion Ratio Lower Upper
117 100
119 93.8 75.6 113.4
121 31.6 23.7 35.5





#39
Methylcyclohexane
Concen: 19.418 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

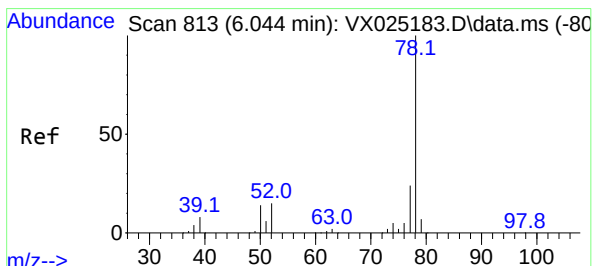
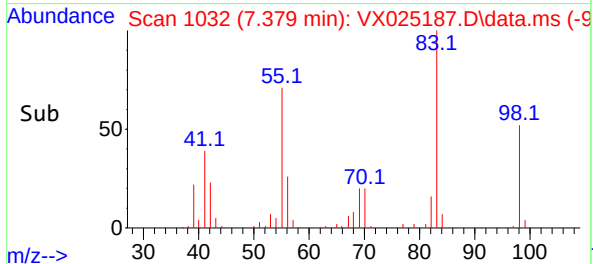
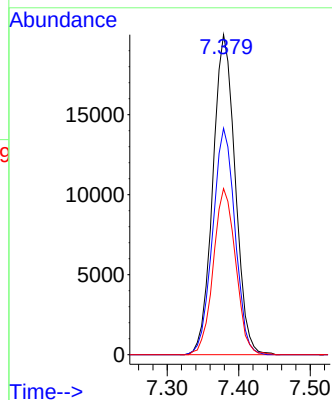
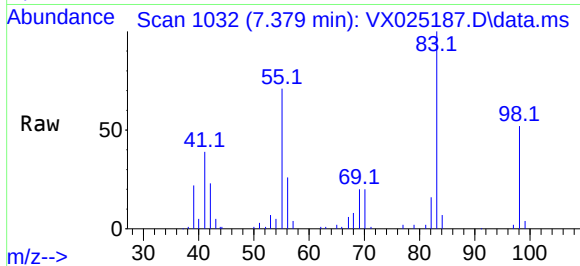
VSTDIC020

Tgt Ion: 83 Resp: 4347
Ion Ratio Lower Upper
83 100
55 70.7 60.8 91.2
98 51.9 37.0 55.4

Manual Integrations

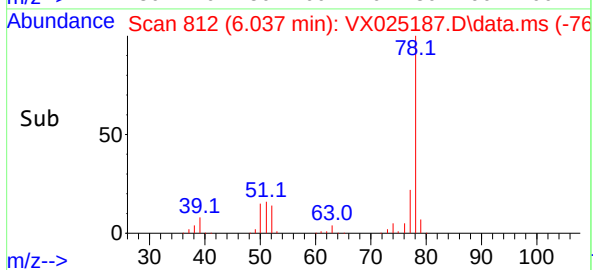
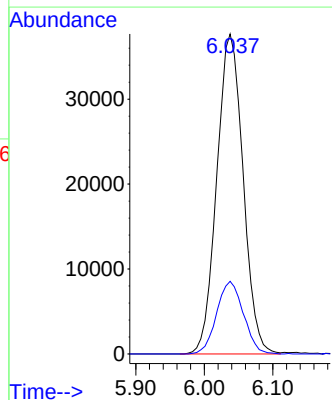
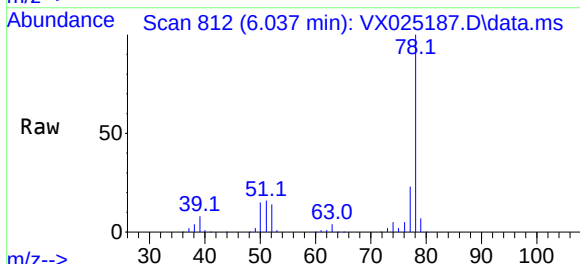
APPROVED

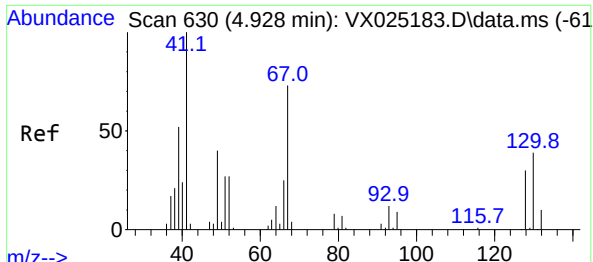
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 18.852 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

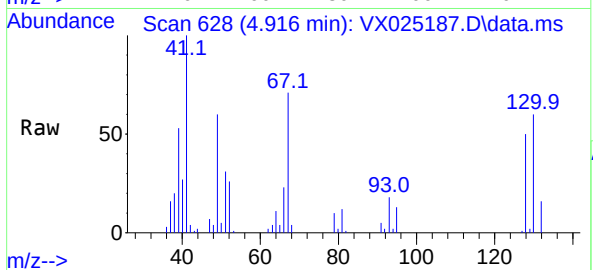
Tgt Ion: 78 Resp: 100243
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5





#41
Methacrylonitrile
Concen: 17.325 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

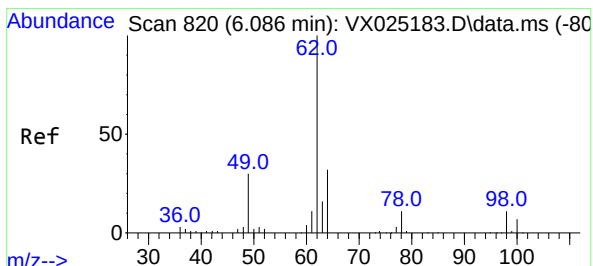
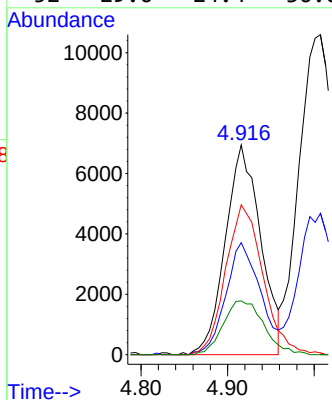
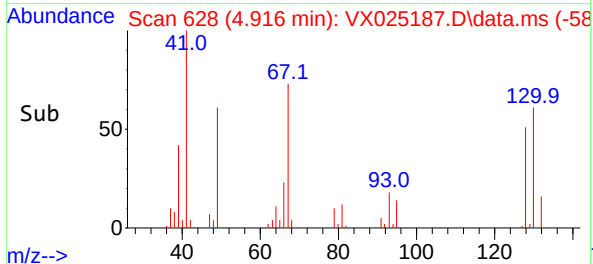
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1968
Ion Ratio Lower Upper
41 100
39 52.2 44.6 67.0
67 75.6 56.7 85.1
52 29.6 24.4 36.6

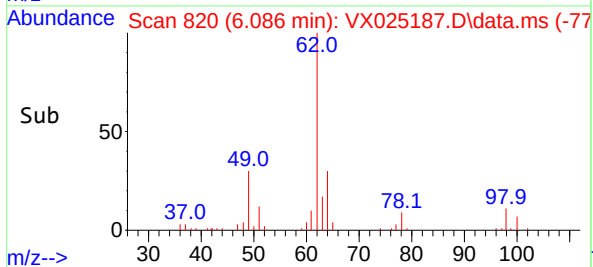
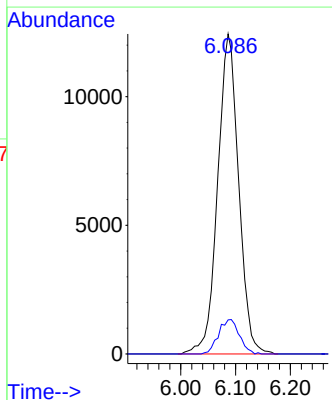
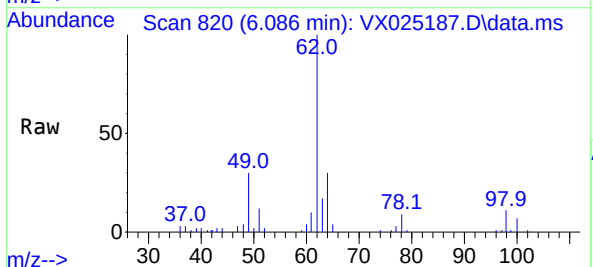
Manual Integrations
APPROVED

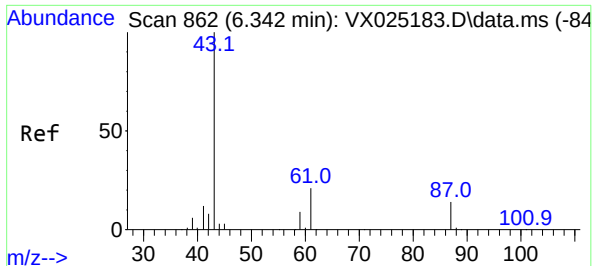
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 18.667 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

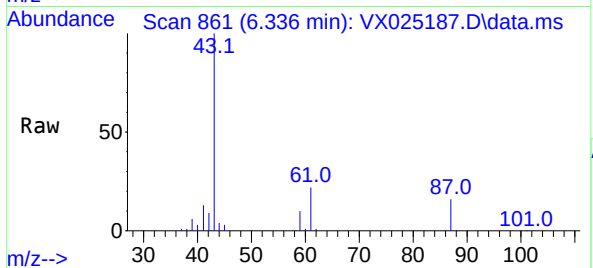
Tgt Ion: 62 Resp: 33064
Ion Ratio Lower Upper
62 100
98 10.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 17.708 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

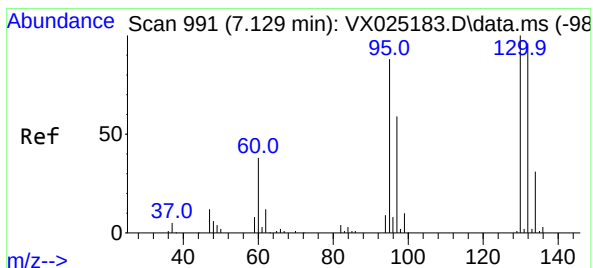
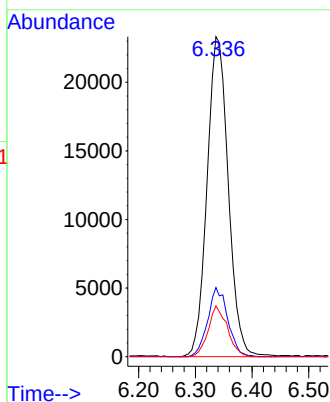
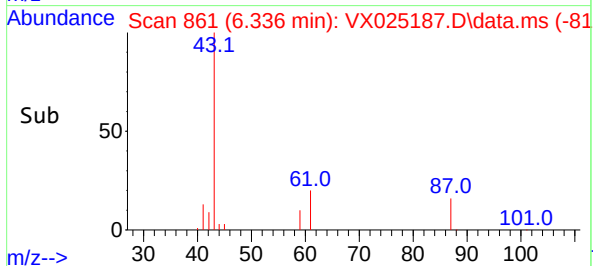
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



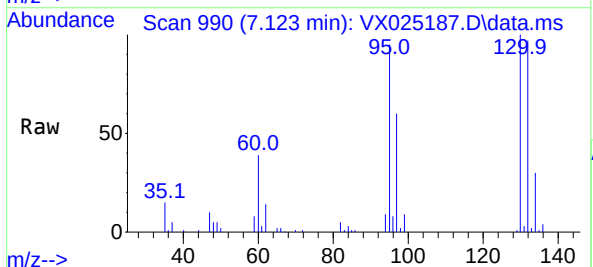
Tgt Ion: 43 Resp: 60550
Ion Ratio Lower Upper
43 100
61 20.5 15.3 22.9
87 14.4 10.9 16.3

Manual Integrations
APPROVED

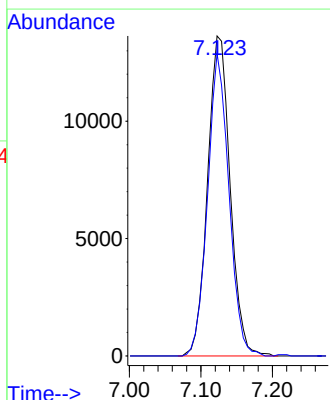
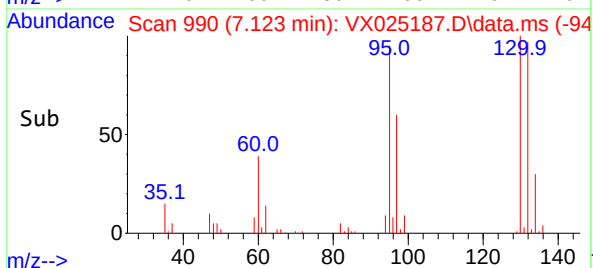
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

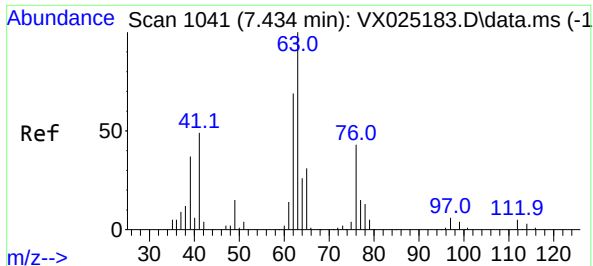


#44
Trichloroethene
Concen: 19.444 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion:130 Resp: 29914
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.8





#45

1,2-Dichloropropane

Concen: 18.819 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2494

Ion Ratio Lower Upper

63 100

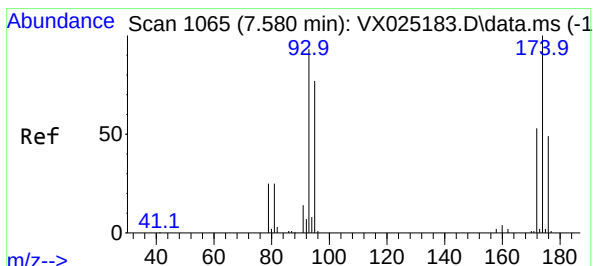
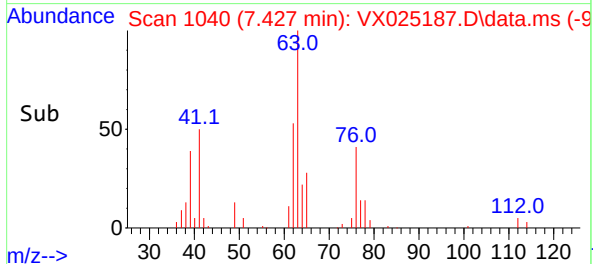
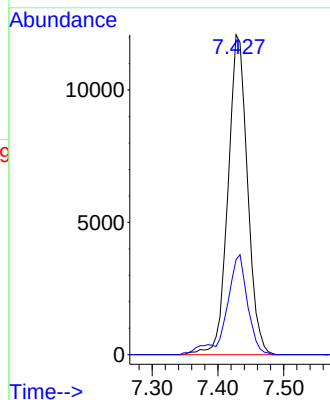
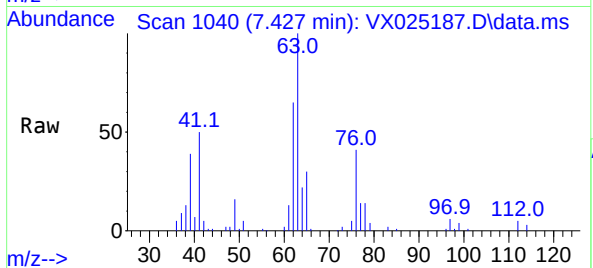
65 29.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 18.438 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

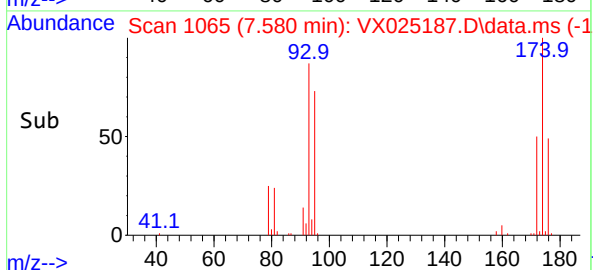
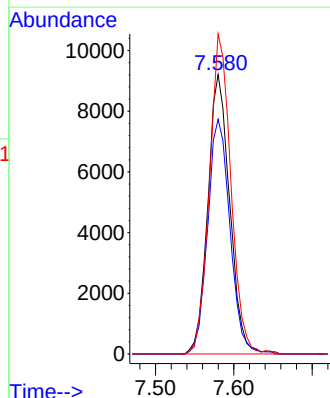
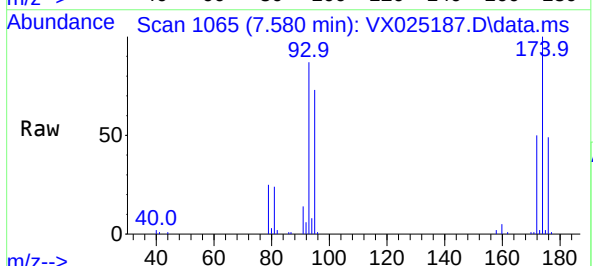
Tgt Ion: 93 Resp: 17846

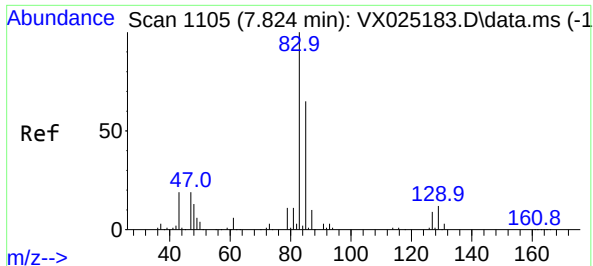
Ion Ratio Lower Upper

93 100

95 85.8 66.6 100.0

174 112.5 79.2 118.8





#47
Bromodichloromethane
Concen: 18.665 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

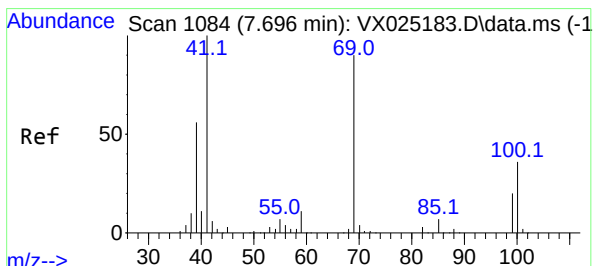
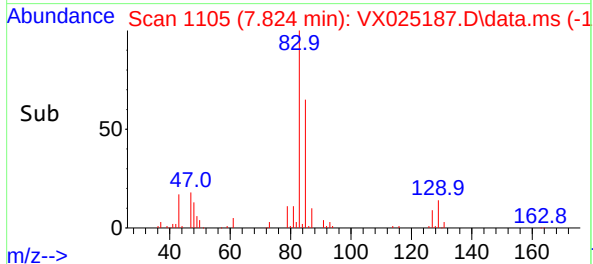
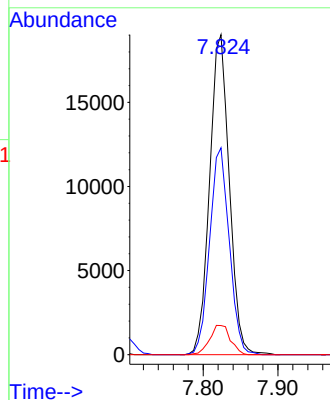
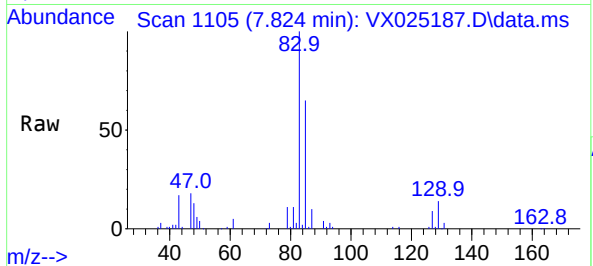
VSTDIC020

Tgt Ion: 83 Resp: 34774
Ion Ratio Lower Upper
83 100
85 64.7 53.5 80.3
127 9.1 7.7 11.5

Manual Integrations

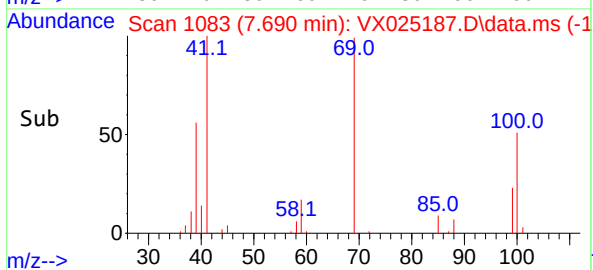
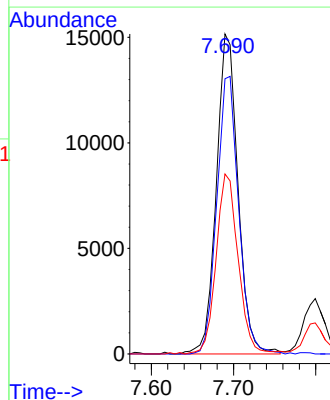
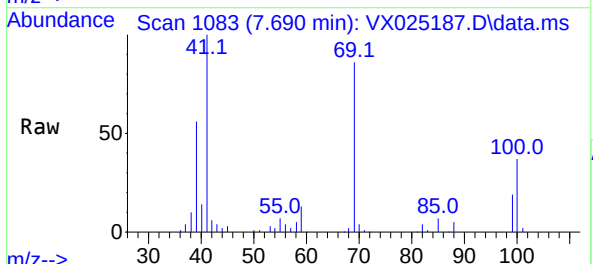
APPROVED

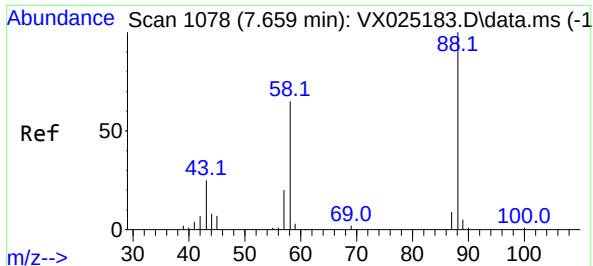
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 17.220 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion: 41 Resp: 27729
Ion Ratio Lower Upper
41 100
69 87.6 64.5 96.7
39 57.5 46.9 70.3





#49

1,4-Dioxane

Concen: 391.986 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1296

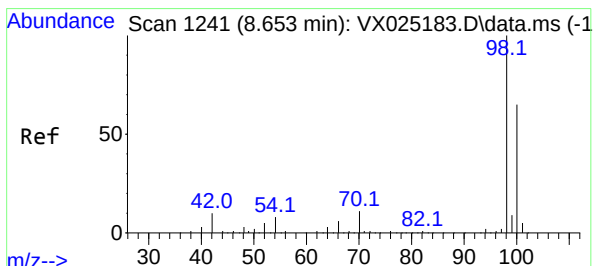
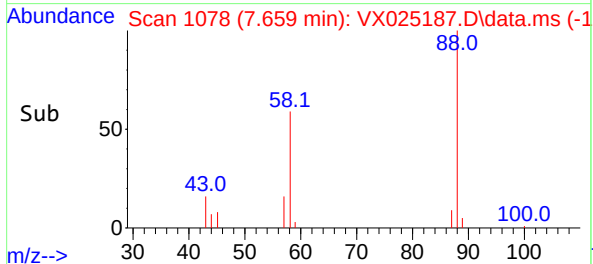
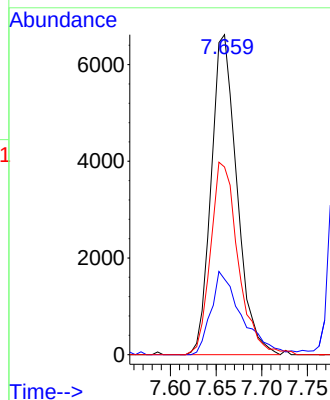
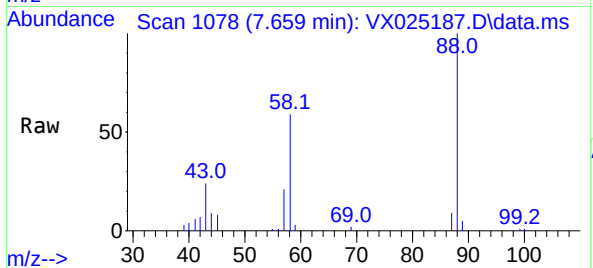
Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.0	40.6
58	64.6	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 18.951 ug/l

RT: 8.647 min Scan# 1240

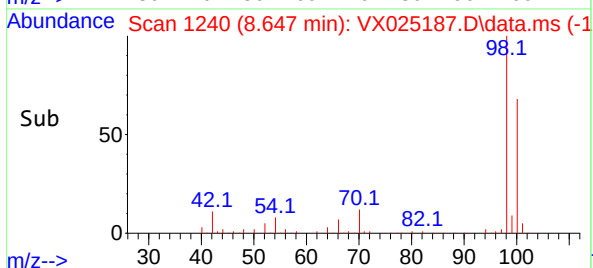
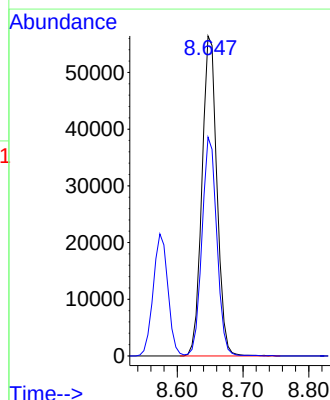
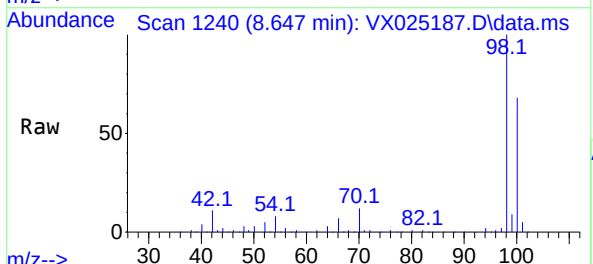
Delta R.T. -0.006 min

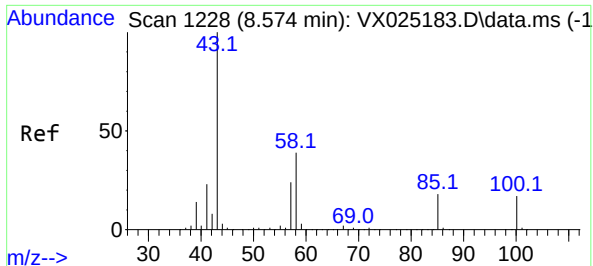
Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Tgt Ion: 98 Resp: 89216

Ion	Ratio	Lower	Upper
98	100		
100	67.9	51.4	77.0





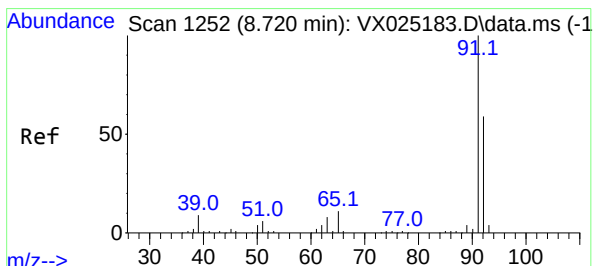
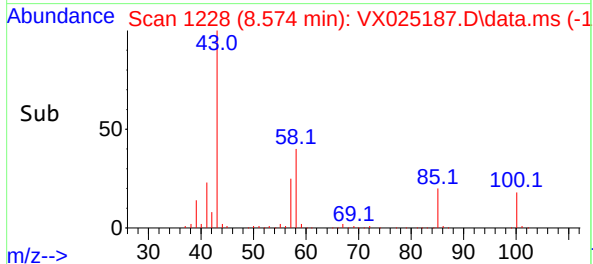
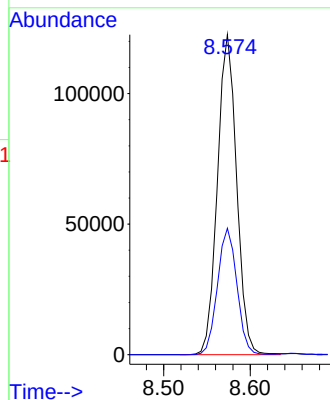
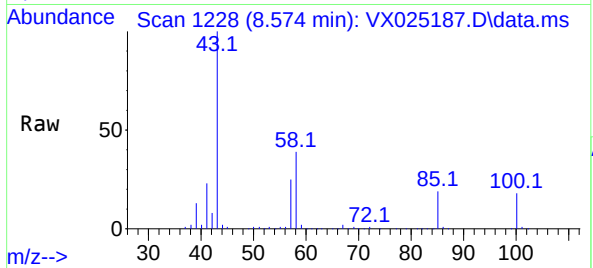
#51
4-Methyl-2-Pentanone
Concen: 89.380 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 18873
Ion Ratio Lower Upper
43 100
58 39.9 30.9 46.3

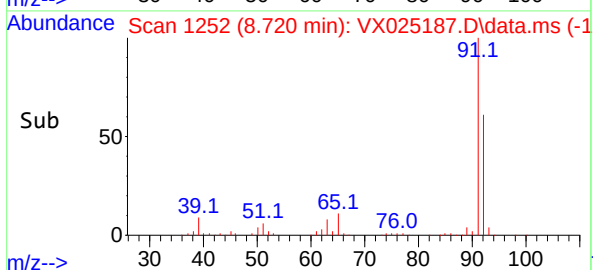
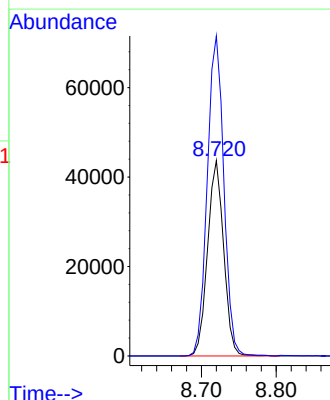
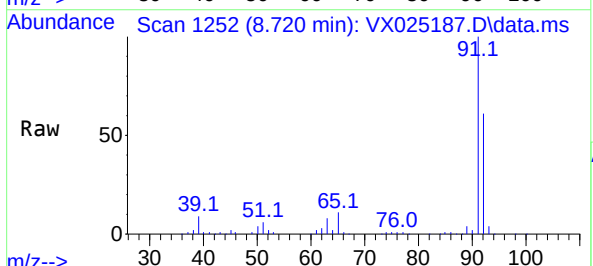
Manual Integrations
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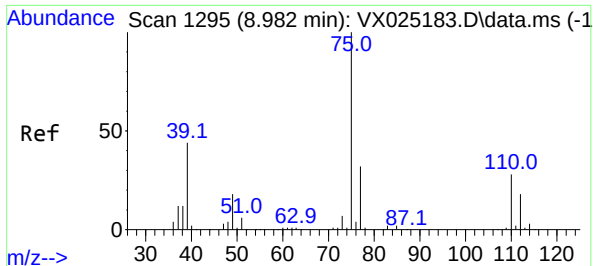
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 18.685 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion: 92 Resp: 65256
Ion Ratio Lower Upper
92 100
91 168.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 18.364 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 3878

Ion Ratio Lower Upper

75 100

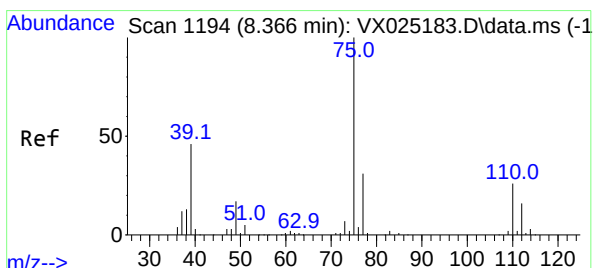
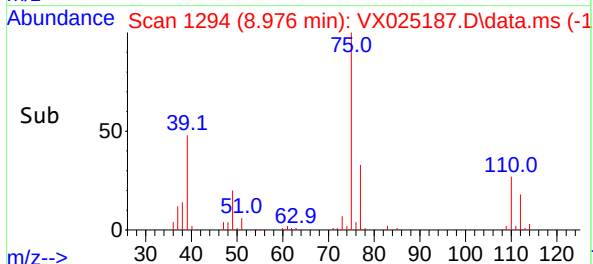
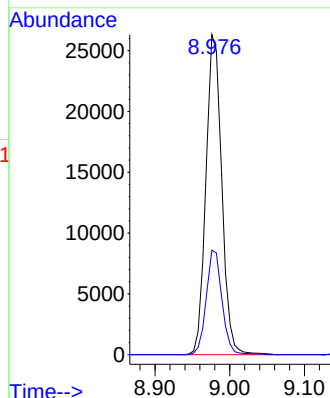
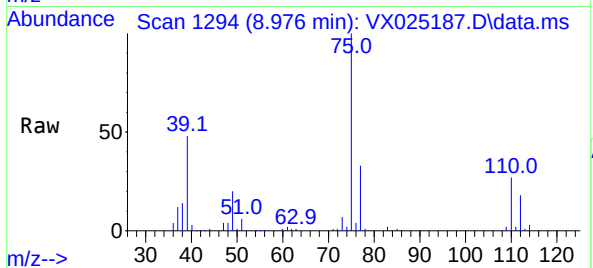
77 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#54

cis-1,3-Dichloropropene

Concen: 18.881 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

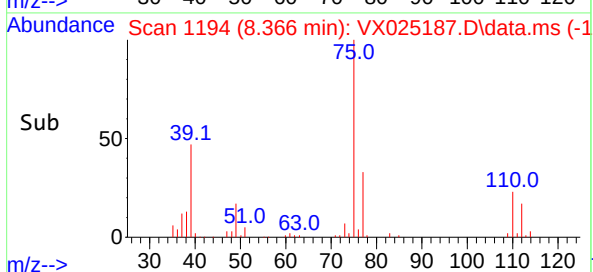
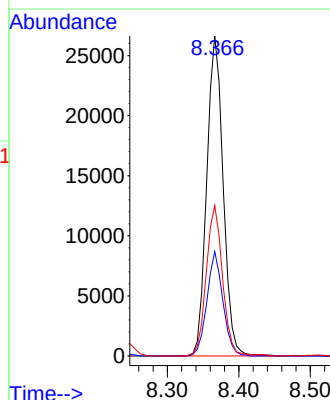
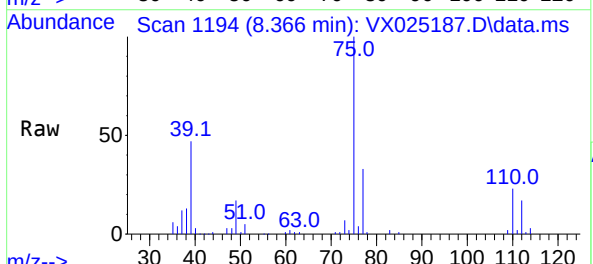
Tgt Ion: 75 Resp: 42390

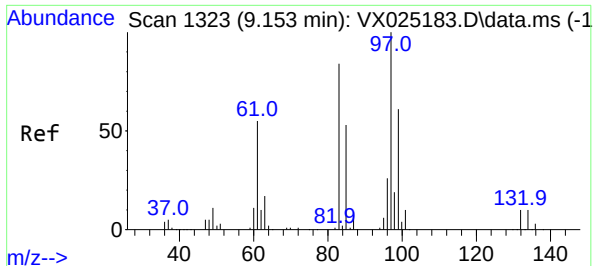
Ion Ratio Lower Upper

75 100

77 32.6 23.8 35.8

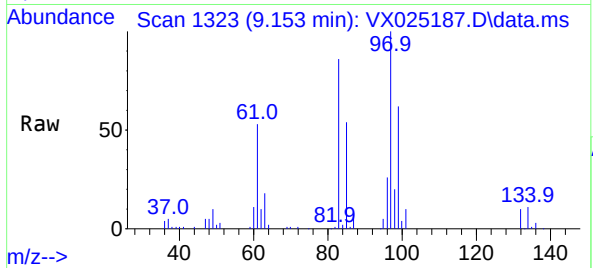
39 47.0 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 18.482 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

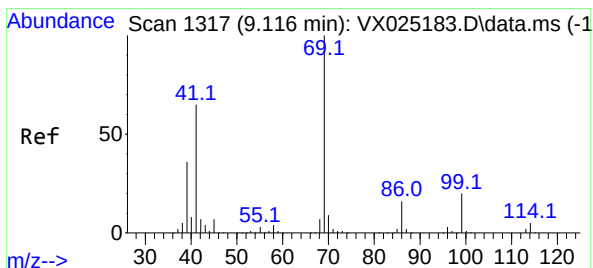
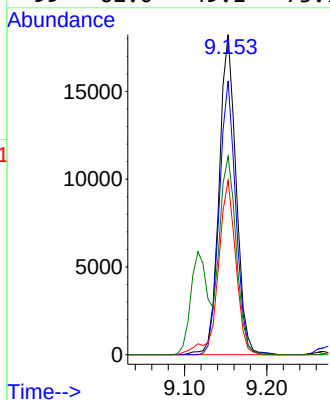
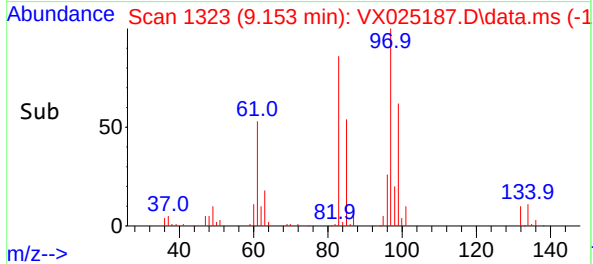
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



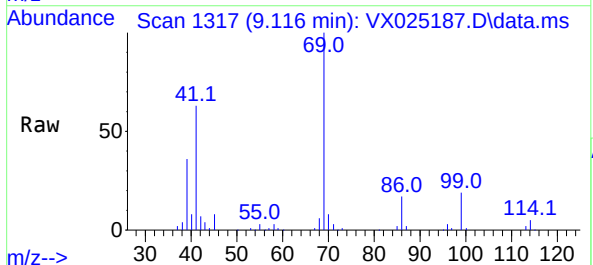
Tgt Ion: 97 Resp: 26090
Ion Ratio Lower Upper
97 100
83 85.6 69.2 103.8
85 54.5 43.3 64.9
99 62.0 49.1 73.7

Manual Integrations
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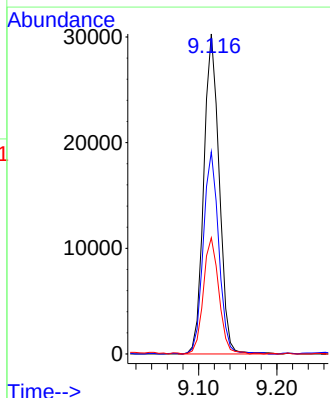
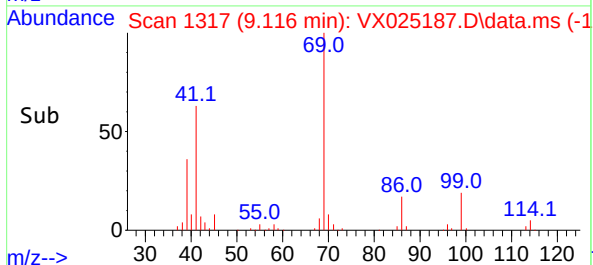
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

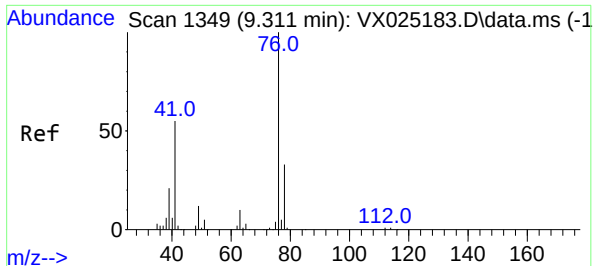


#56
Ethyl methacrylate
Concen: 18.195 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 69 Resp: 41358
Ion Ratio Lower Upper
69 100
41 63.5 55.3 82.9
39 36.7 30.2 45.4





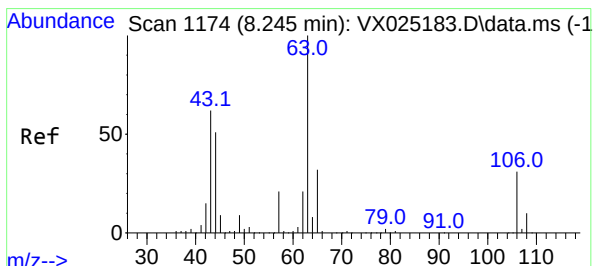
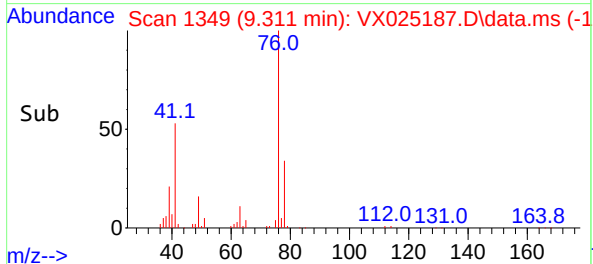
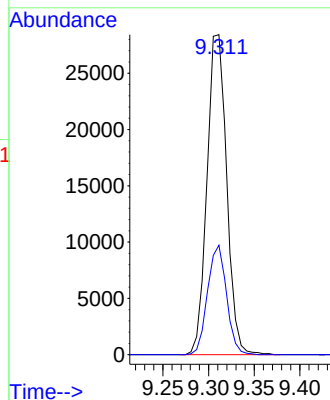
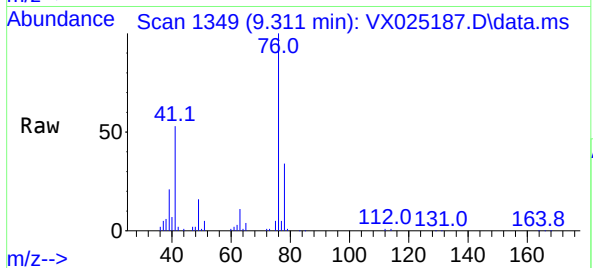
#57
1,3-Dichloropropane
Concen: 18.346 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 4264
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.8

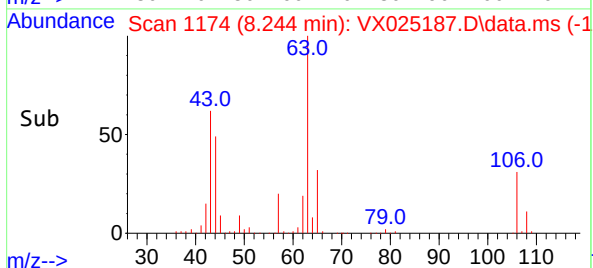
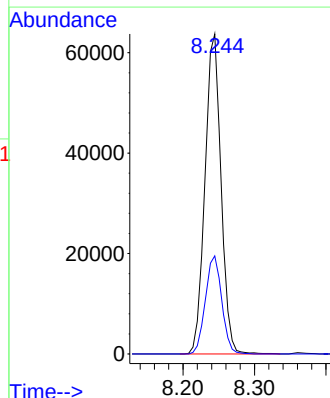
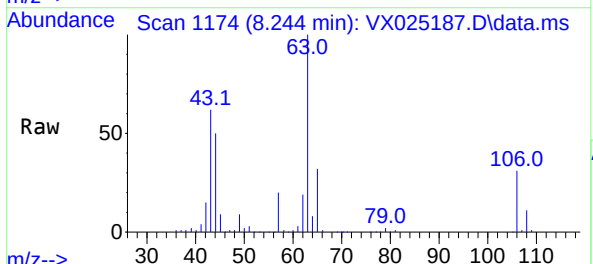
Manual Integrations
APPROVED

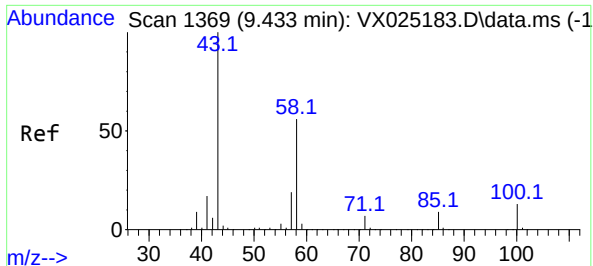
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 97.336 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion: 63 Resp: 99458
Ion Ratio Lower Upper
63 100
106 31.2 22.8 34.2





#59

2-Hexanone

Concen: 90.409 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 14930

Ion Ratio Lower Upper

43 100

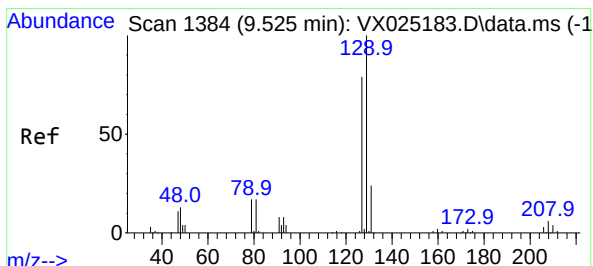
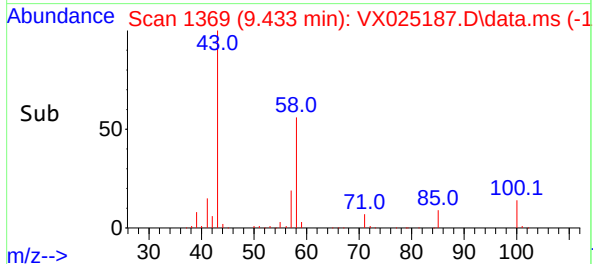
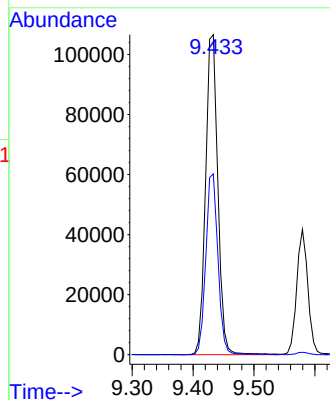
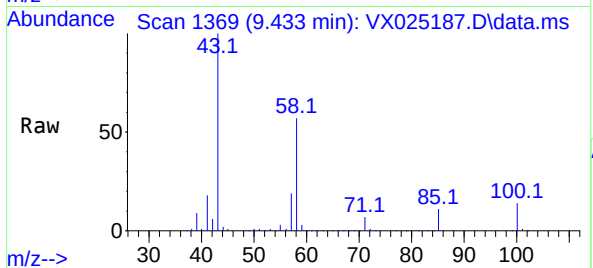
58 56.1 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#60

Dibromochloromethane

Concen: 18.094 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX025187.D

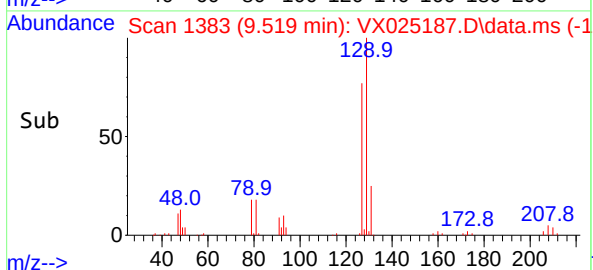
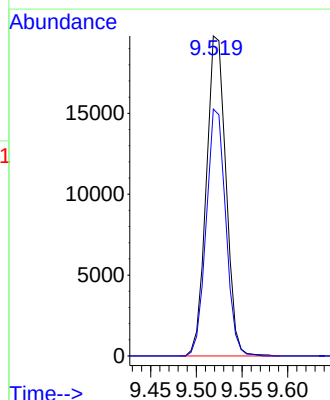
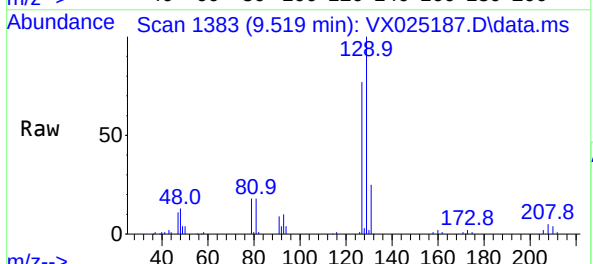
Acq: 17 Nov 2021 13:36

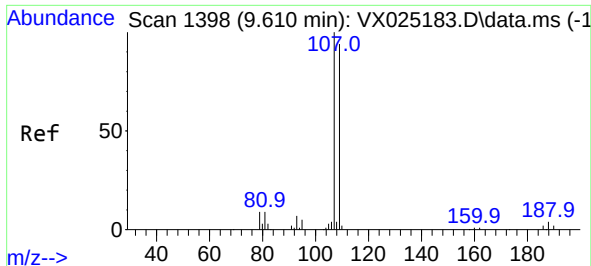
Tgt Ion:129 Resp: 29522

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.108 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

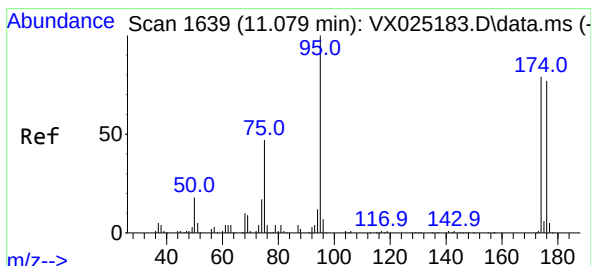
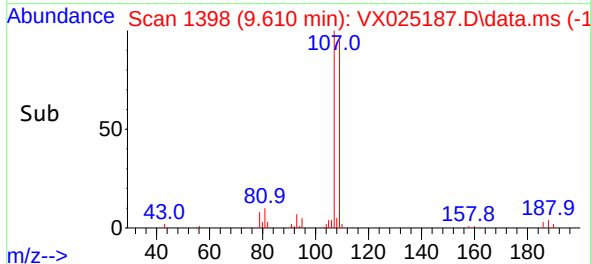
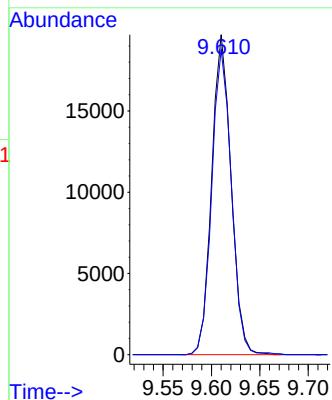
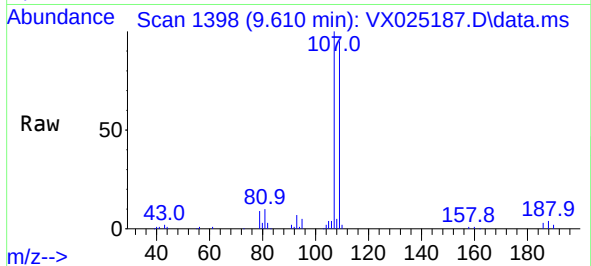
VSTDICC020

Tgt Ion:107 Resp: 27439
Ion Ratio Lower Upper
107 100
109 96.7 74.4 111.6

Manual Integrations

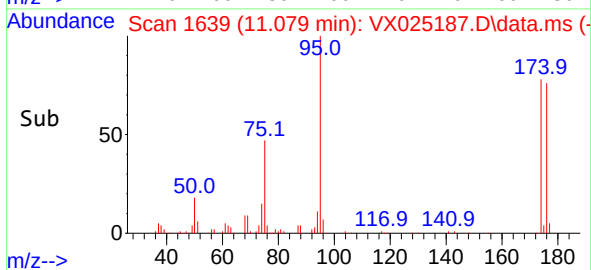
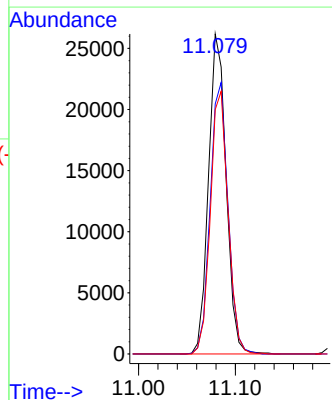
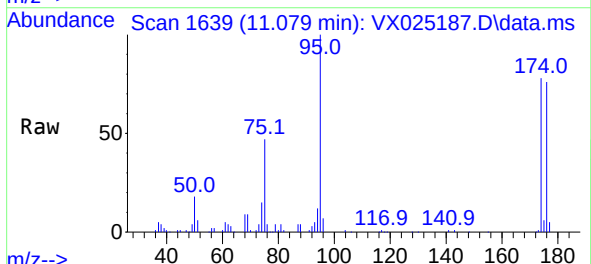
APPROVED

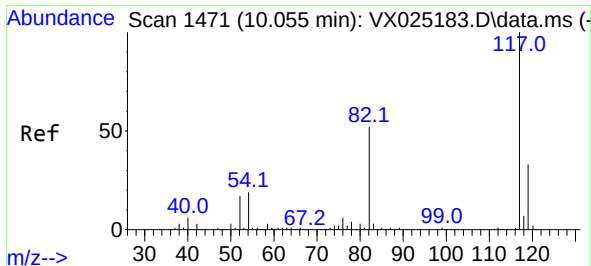
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 19.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion: 95 Resp: 33165
Ion Ratio Lower Upper
95 100
174 86.0 0.0 158.0
176 82.7 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

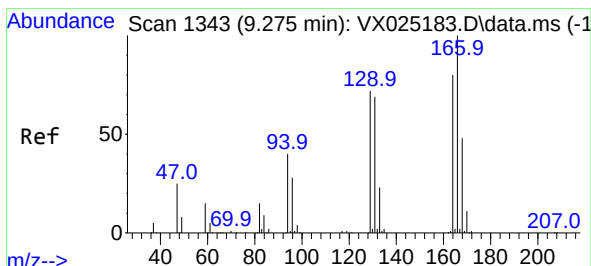
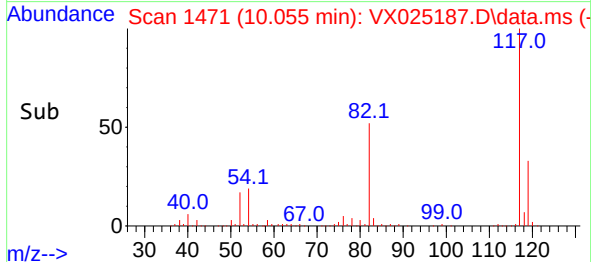
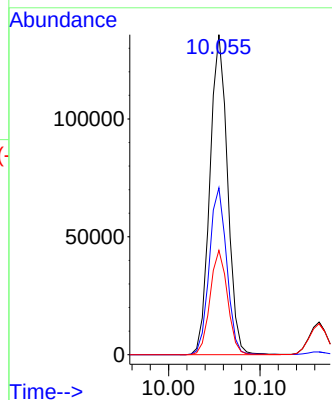
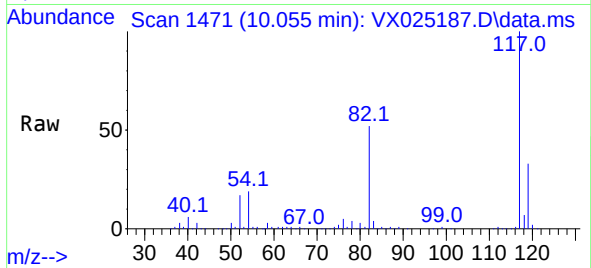
VSTDIC020

Tgt Ion:117 Resp: 18144
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 32.6 24.8 37.2

Manual Integrations

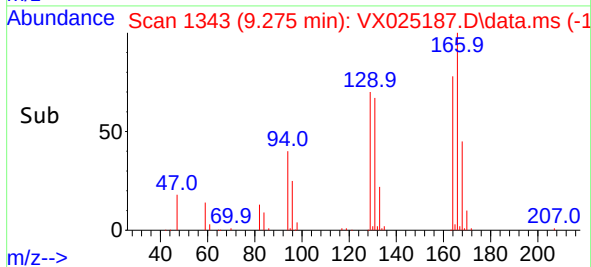
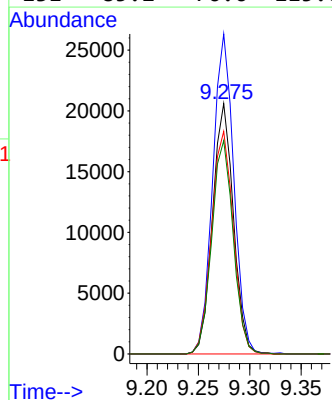
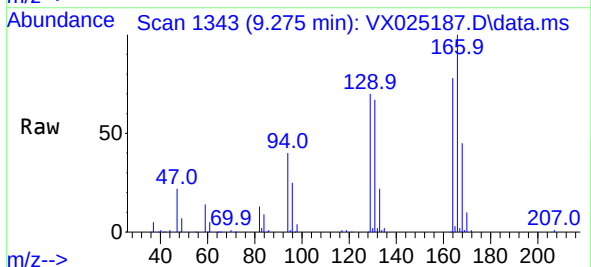
APPROVED

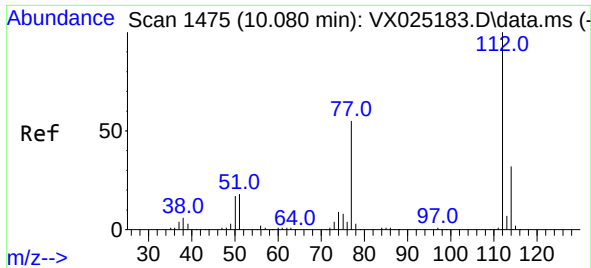
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 19.395 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:164 Resp: 29135
Ion Ratio Lower Upper
164 100
166 127.8 103.2 154.8
129 88.9 81.0 121.4
131 85.2 76.6 115.0





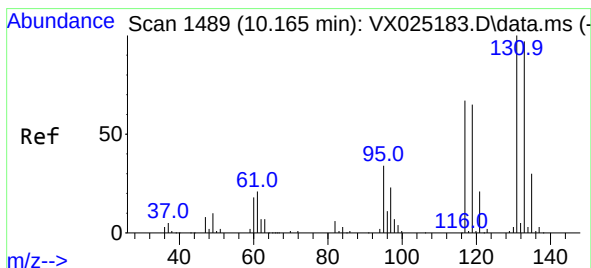
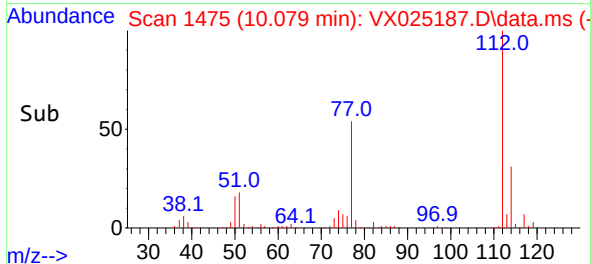
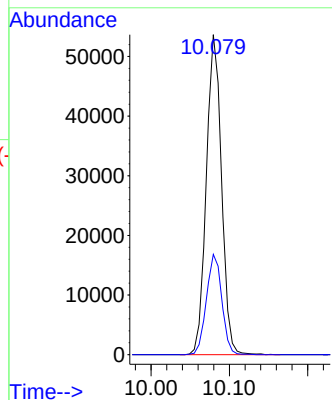
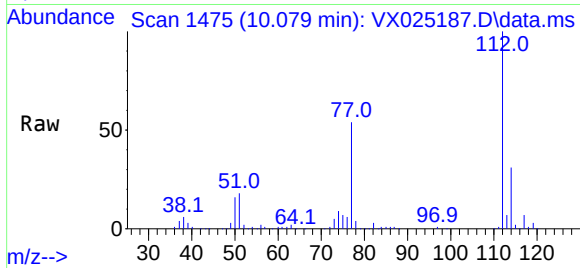
#65
Chlorobenzene
Concen: 19.315 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 72083
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

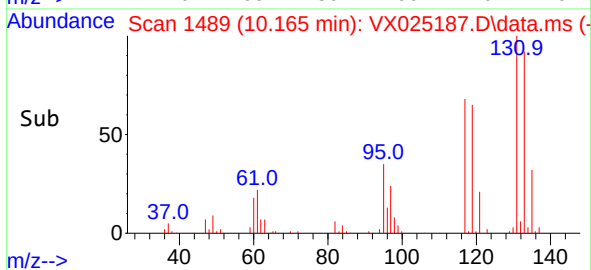
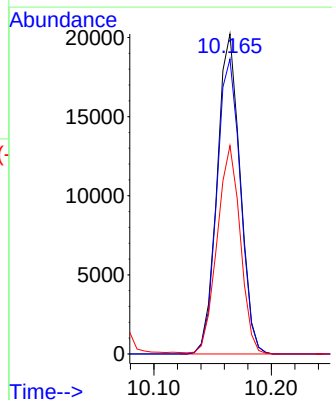
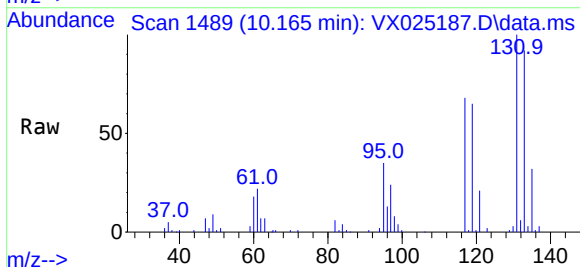
Manual Integrations
APPROVED

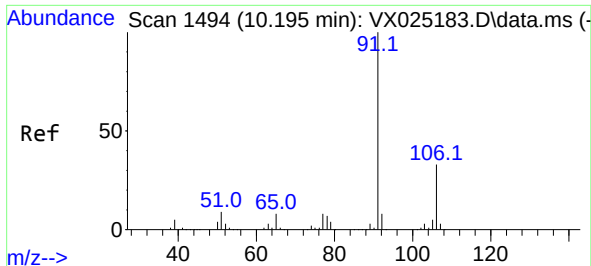
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.256 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:131 Resp: 27550
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 65.5 32.0 96.0





#67

Ethyl Benzene

Concen: 19.078 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 123578

Ion Ratio Lower Upper

91 100

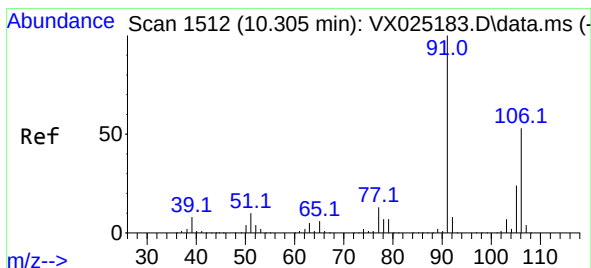
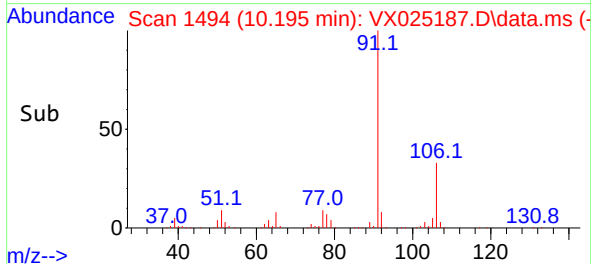
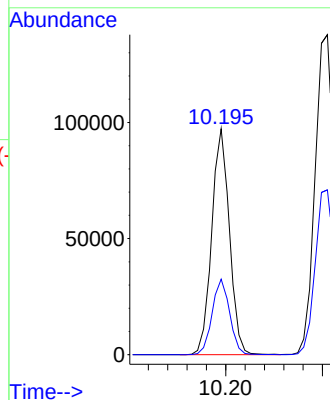
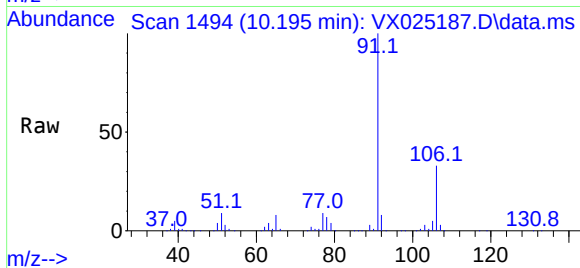
106 33.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 38.592 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025187.D

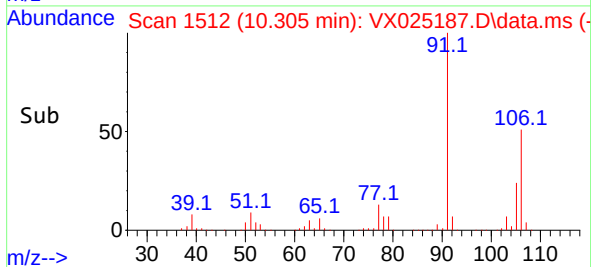
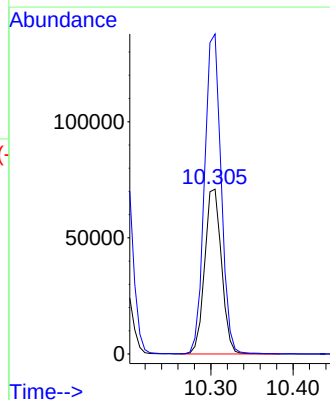
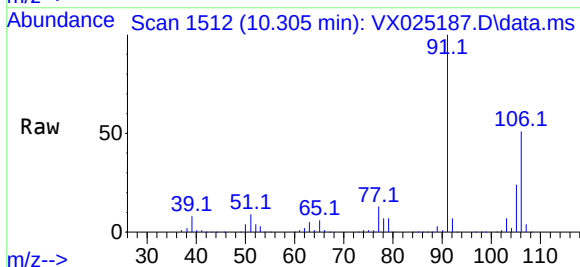
Acq: 17 Nov 2021 13:36

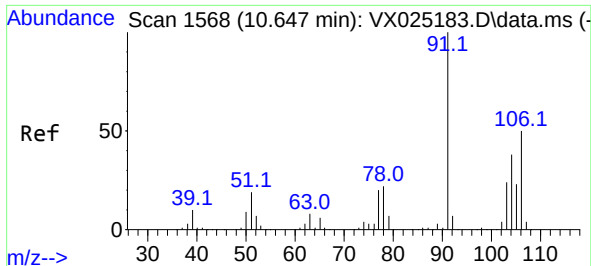
Tgt Ion:106 Resp: 100929

Ion Ratio Lower Upper

106 100

91 191.2 163.4 245.0





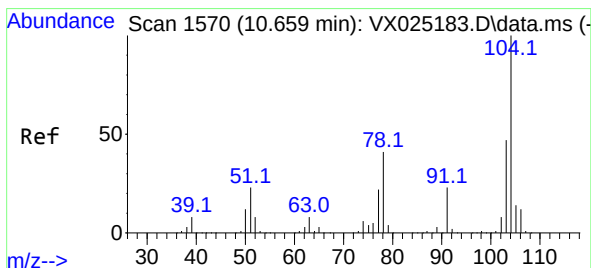
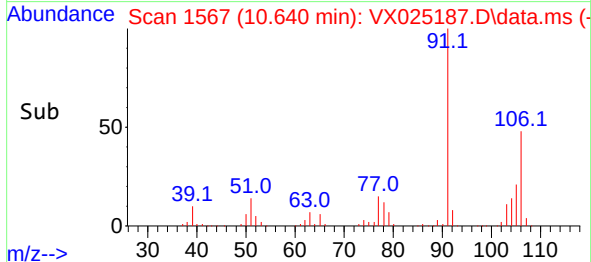
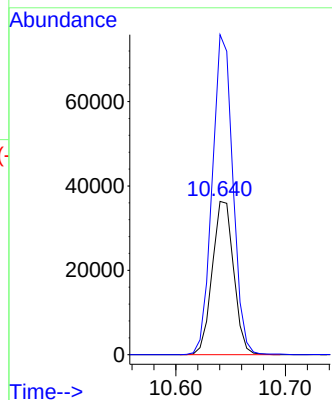
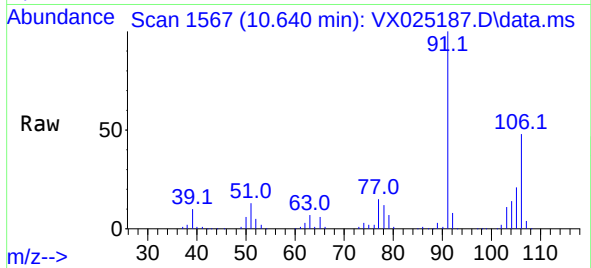
#69
o-Xylene
Concen: 18.959 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4923
Ion Ratio Lower Upper
106 100
91 201.7 109.5 328.4

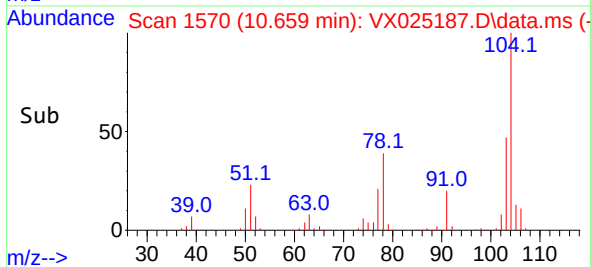
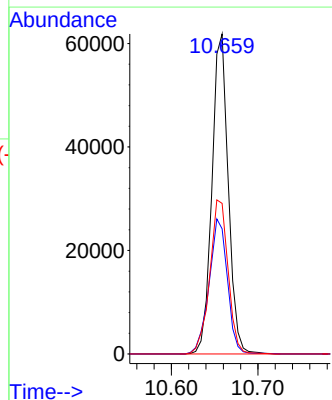
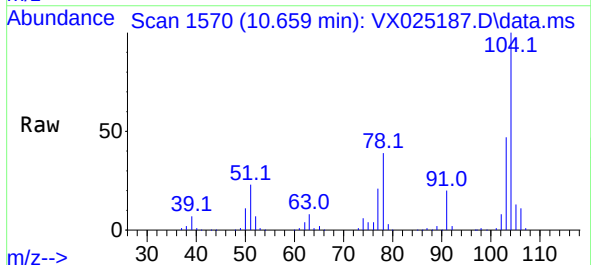
Manual Integrations
APPROVED

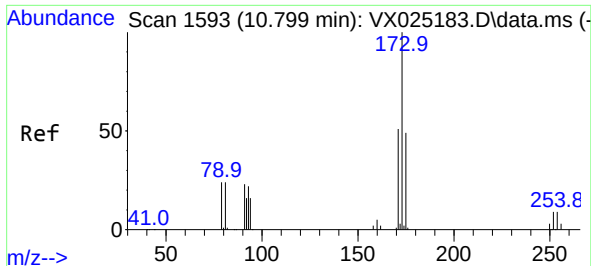
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 19.194 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:104 Resp: 81033
Ion Ratio Lower Upper
104 100
78 47.3 41.3 61.9
103 54.0 43.5 65.3





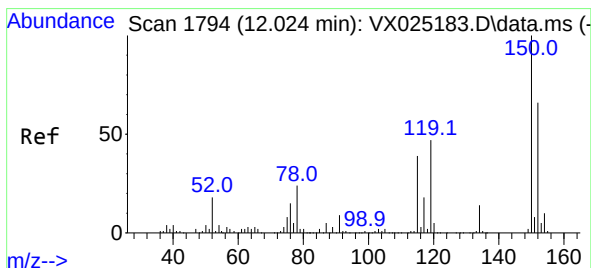
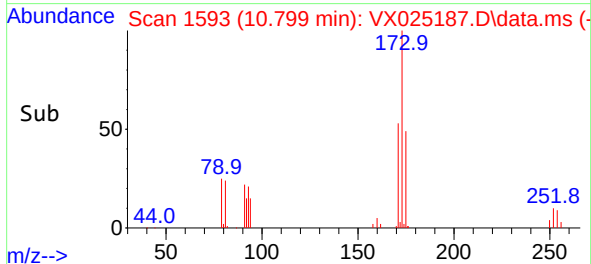
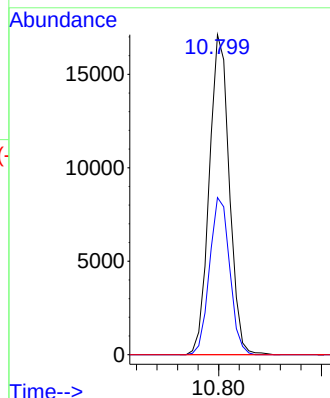
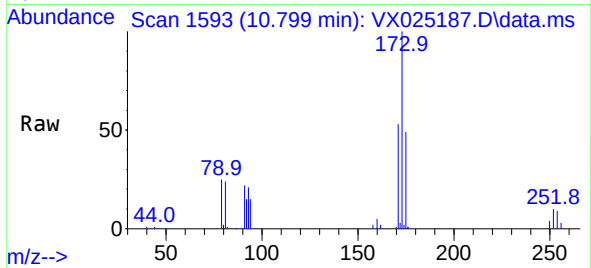
#71
Bromoform
Concen: 18.350 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 2313
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.0 0.0

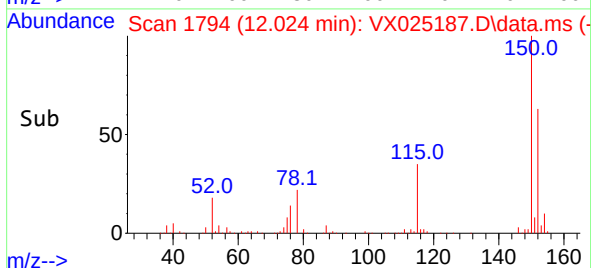
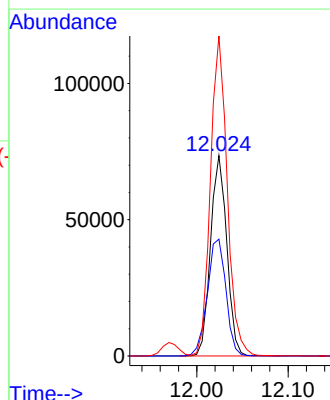
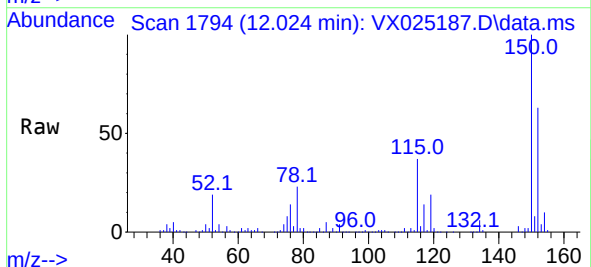
Manual Integrations
APPROVED

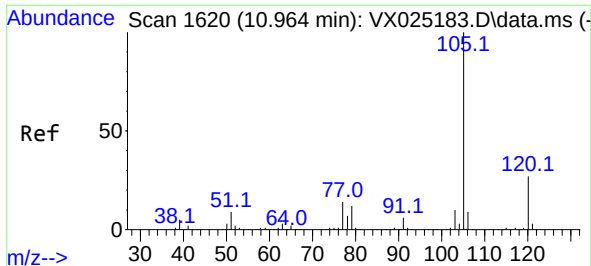
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

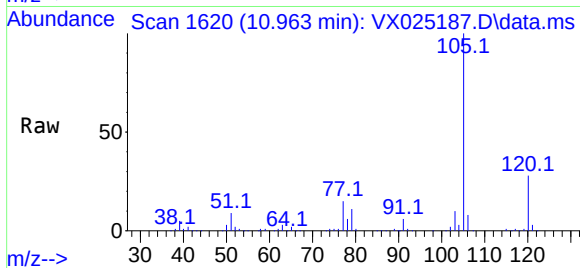
Tgt Ion:152 Resp: 90597
Ion Ratio Lower Upper
152 100
115 66.6 43.3 129.8
150 165.1 0.0 351.2





#73
Isopropylbenzene
Concen: 19.464 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

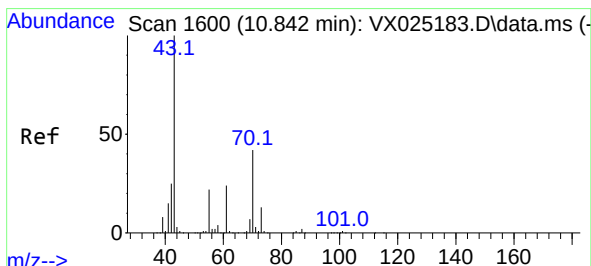
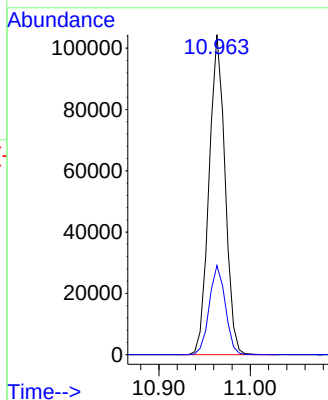
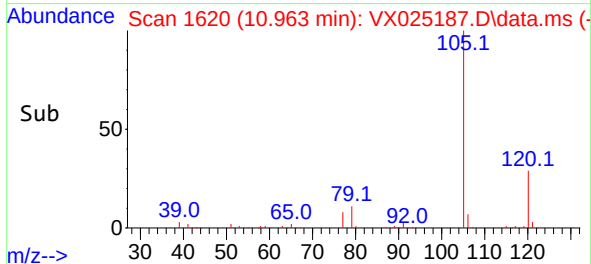
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



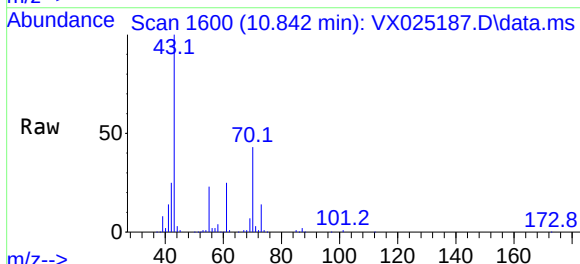
Tgt Ion:105 Resp: 126584
Ion Ratio Lower Upper
105 100
120 27.9 13.3 39.8

Manual Integrations
APPROVED

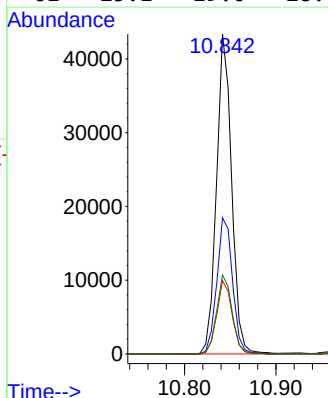
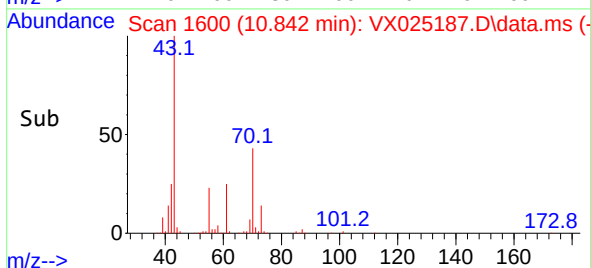
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

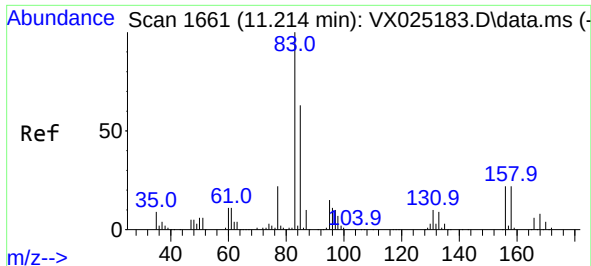


#74
N-ethyl acetate
Concen: 17.687 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



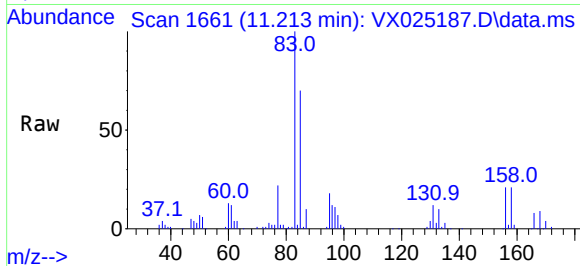
Tgt Ion: 43 Resp: 49910
Ion Ratio Lower Upper
43 100
70 44.4 33.7 50.5
55 23.5 19.7 29.5
61 25.1 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.204 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

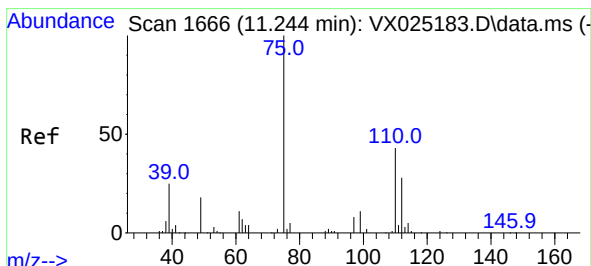
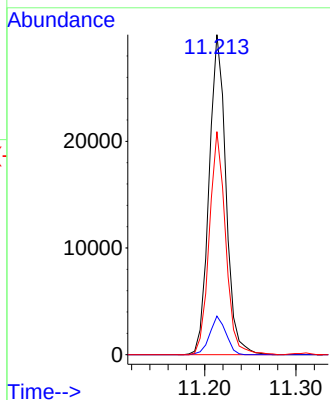
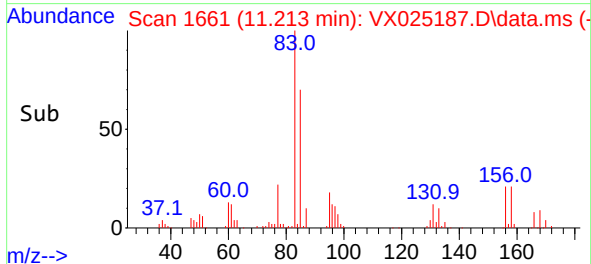
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



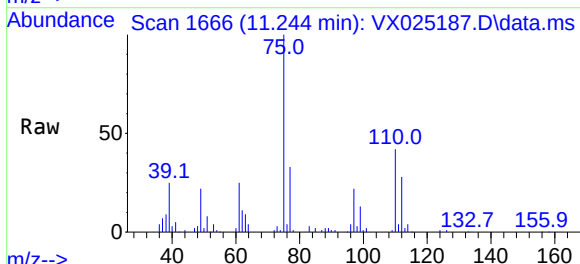
Tgt Ion: 83 Resp: 38312
Ion Ratio Lower Upper
83 100
131 11.6 5.3 16.1
85 67.4 32.3 96.9

Manual Integrations
APPROVED

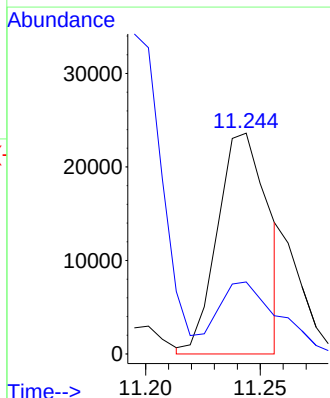
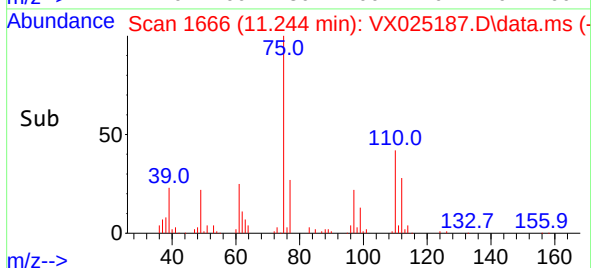
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

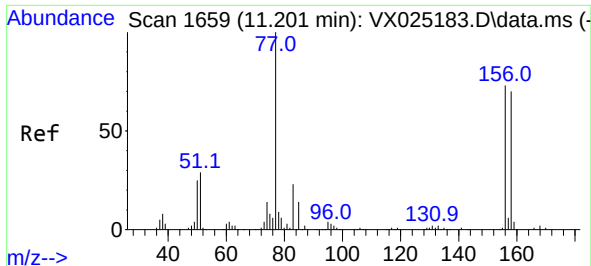


#76
1,2,3-Trichloropropane
Concen: 14.831 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



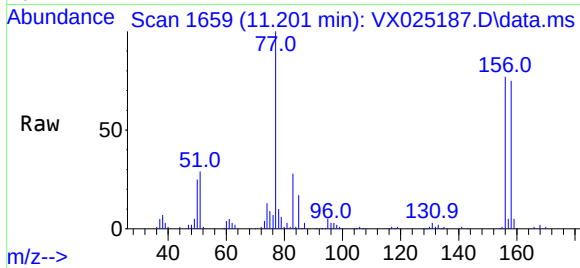
Tgt Ion: 75 Resp: 36145
Ion Ratio Lower Upper
75 100
77 40.1 20.0 59.9





#77
Bromobenzene
Concen: 19.237 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

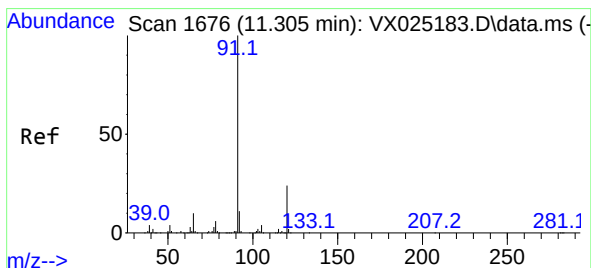
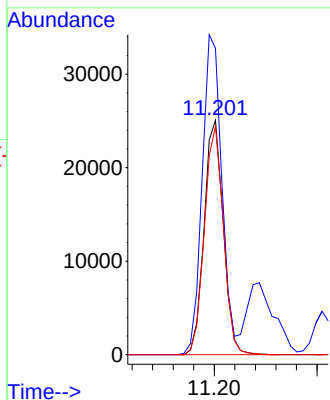
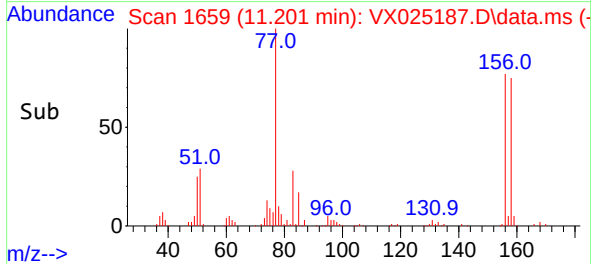
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



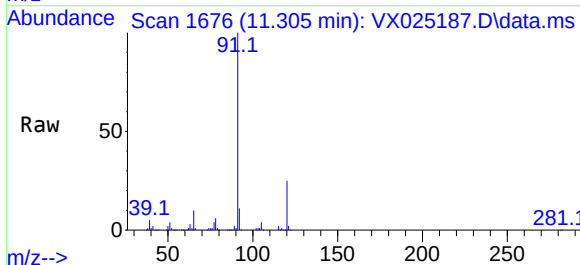
Tgt Ion:156 Resp: 32549
Ion Ratio Lower Upper
156 100
77 138.7 78.3 234.8
158 96.4 48.9 146.6

Manual Integrations
APPROVED

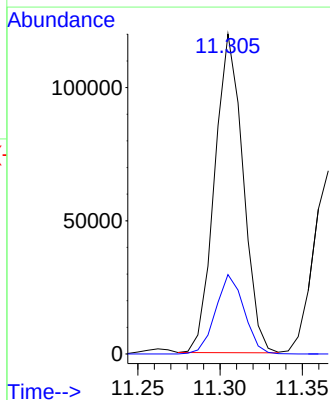
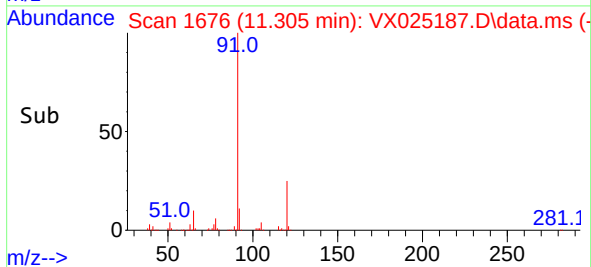
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

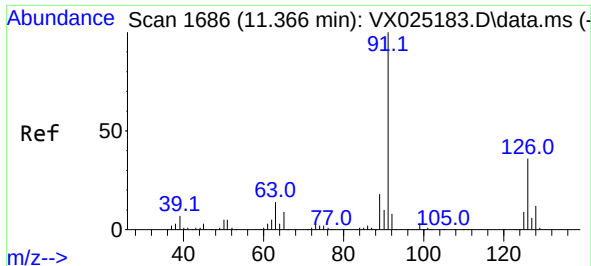


#78
n-propylbenzene
Concen: 19.450 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion: 91 Resp: 143601
Ion Ratio Lower Upper
91 100
120 24.9 11.7 35.0





#79
2-Chlorotoluene
Concen: 19.049 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

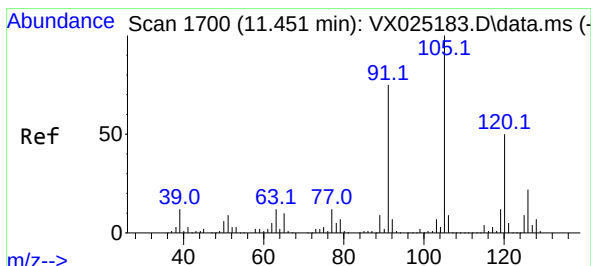
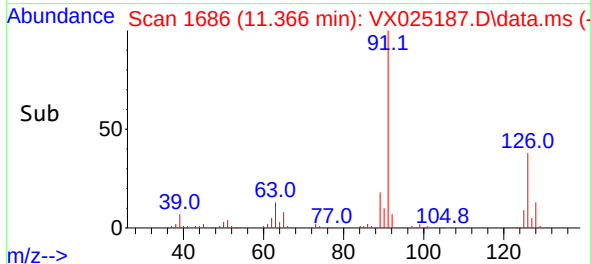
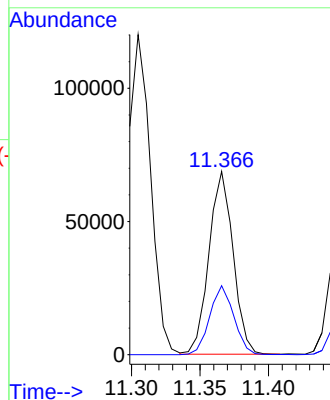
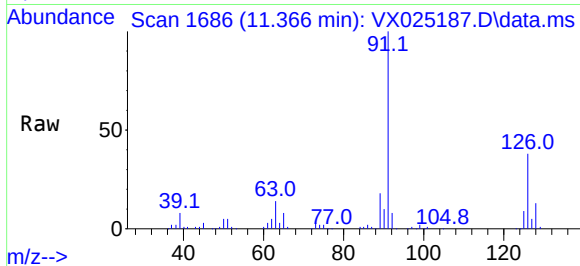
VSTDIC020

Tgt Ion: 91 Resp: 83964
Ion Ratio Lower Upper
91 100
126 37.7 17.0 50.9

Manual Integrations

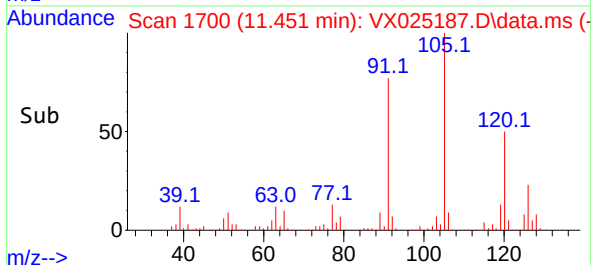
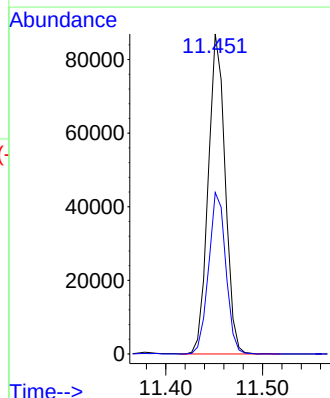
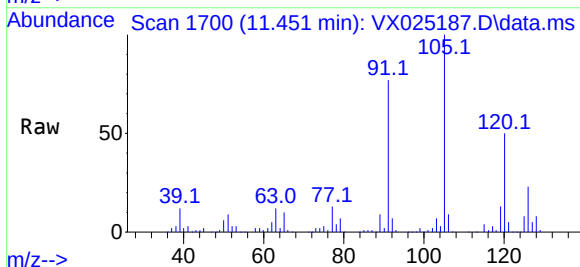
APPROVED

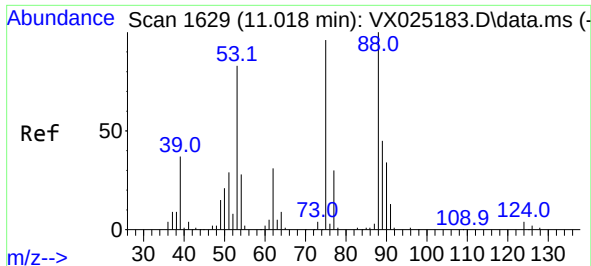
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.425 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:105 Resp: 106039
Ion Ratio Lower Upper
105 100
120 51.2 23.8 71.5





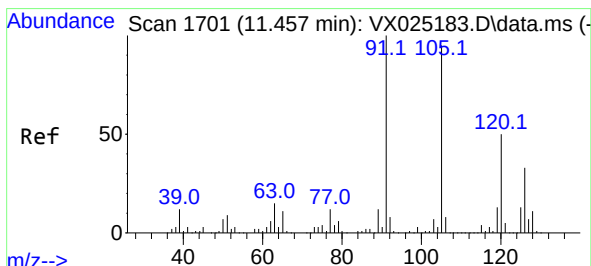
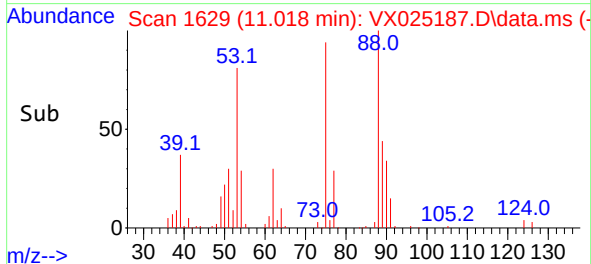
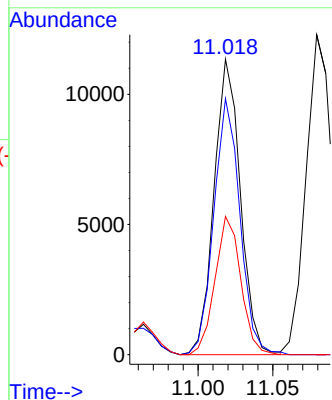
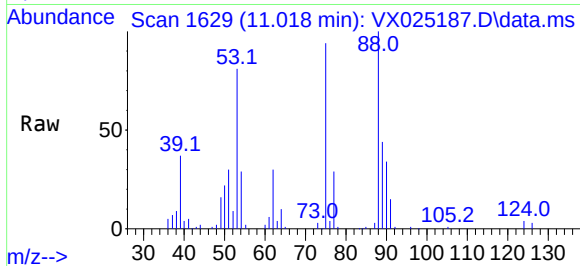
#81
trans-1,4-Dichloro-2-butene
Concen: 18.850 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 13904
Ion Ratio Lower Upper
75 100
53 86.0 81.9 122.9
89 45.8 38.2 57.2

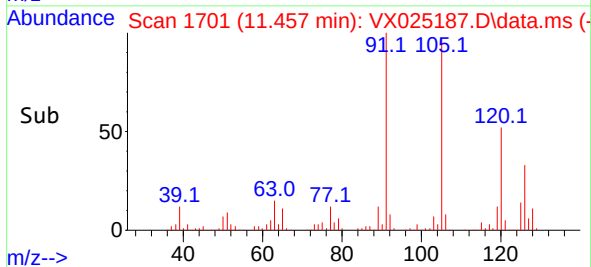
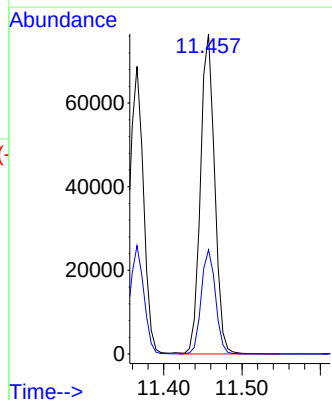
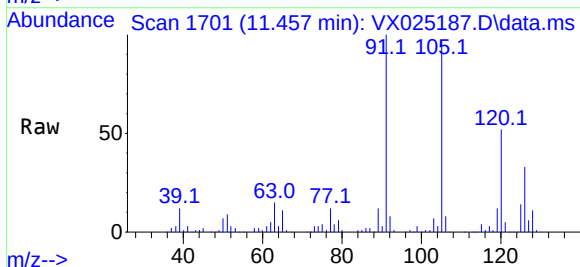
Manual Integrations
APPROVED

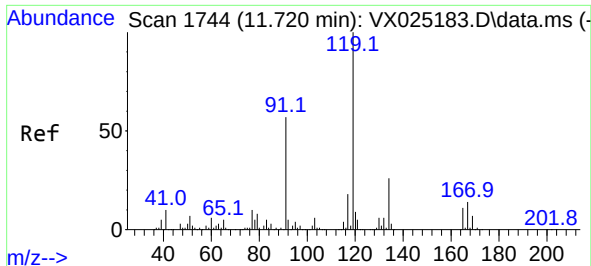
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 18.946 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

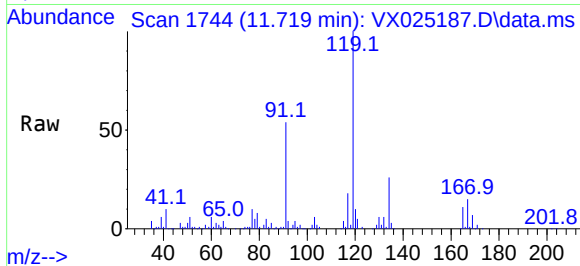
Tgt Ion: 91 Resp: 96466
Ion Ratio Lower Upper
91 100
126 32.5 14.9 44.5





#83
tert-Butylbenzene
Concen: 19.328 ug/l
RT: 11.719 min Scan# 11744
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

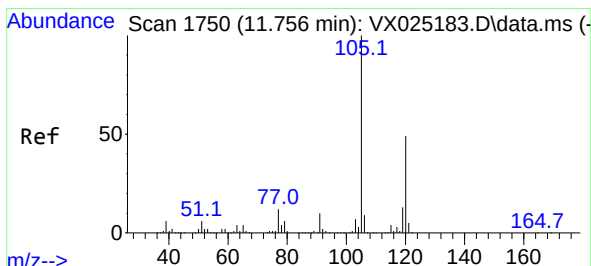
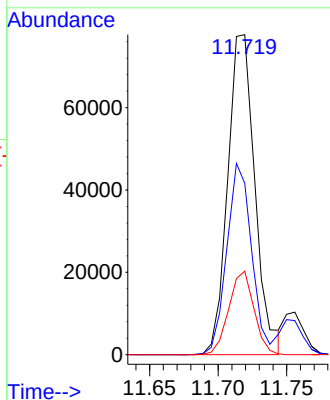
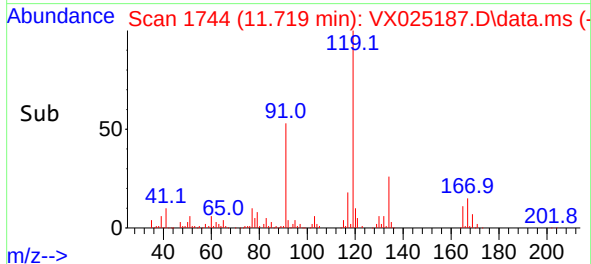
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



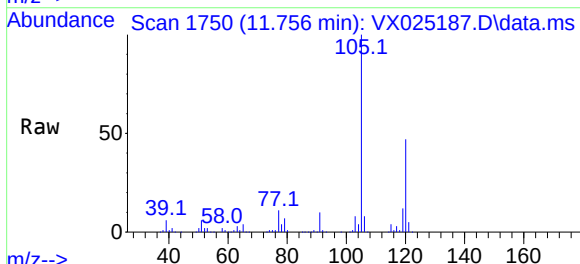
Tgt Ion:119 Resp: 107469
Ion Ratio Lower Upper
119 100
91 54.4 30.3 90.9
134 24.1 11.4 34.1

Manual Integrations
APPROVED

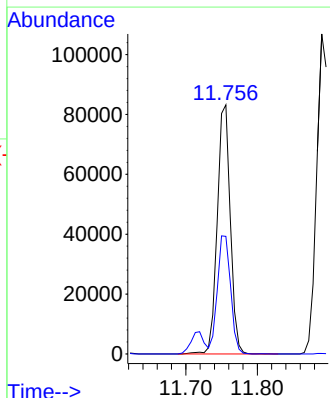
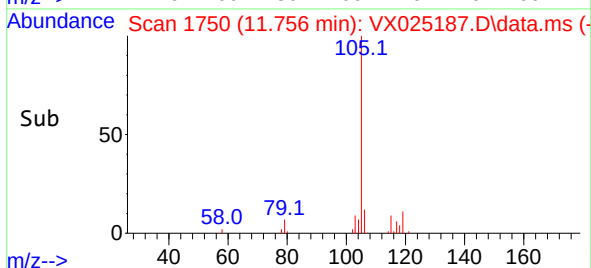
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

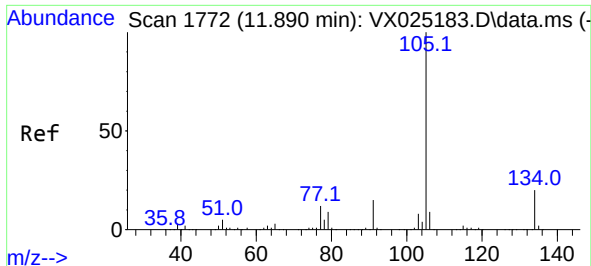


#84
1,2,4-Trimethylbenzene
Concen: 19.415 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36



Tgt Ion:105 Resp: 105459
Ion Ratio Lower Upper
105 100
120 48.1 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 19.845 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX025187.D
 Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

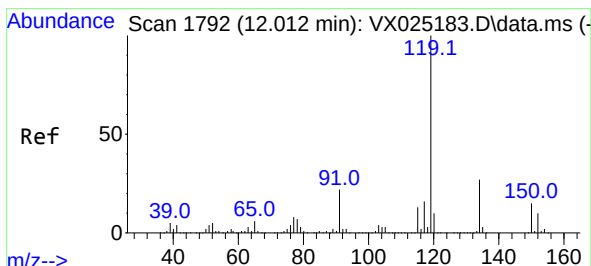
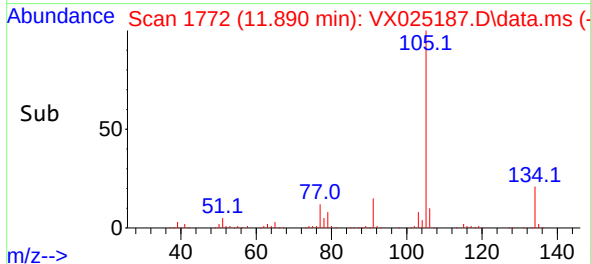
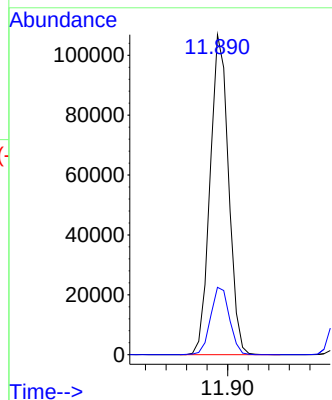
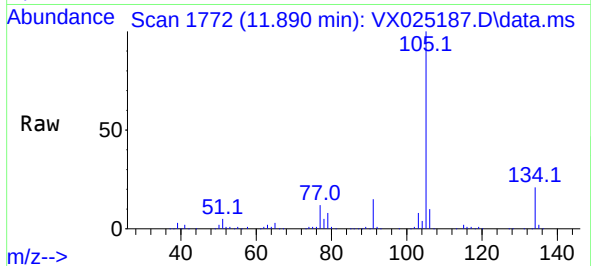
VSTDIC020

Tgt Ion:105 Resp: 13310
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

Manual Integrations

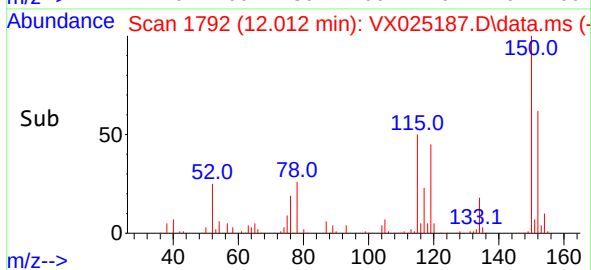
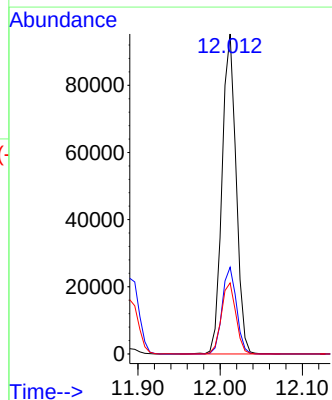
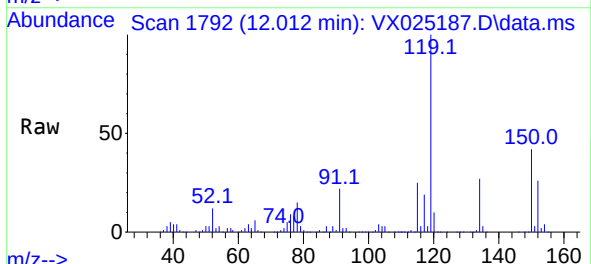
APPROVED

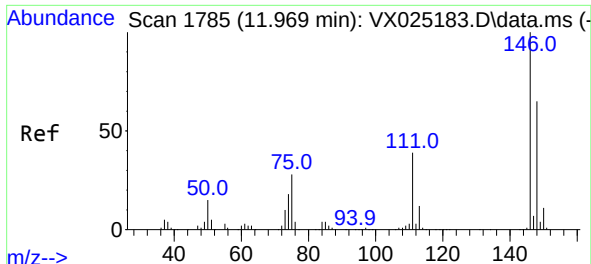
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 19.807 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025187.D
 Acq: 17 Nov 2021 13:36

Tgt Ion:119 Resp: 113079
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 23.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 19.437 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

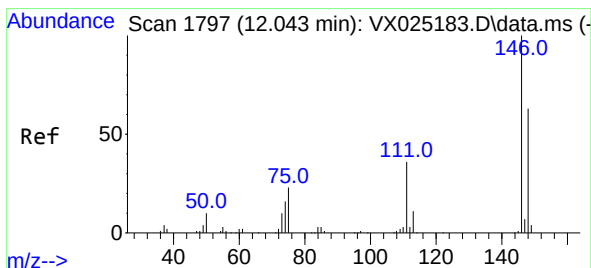
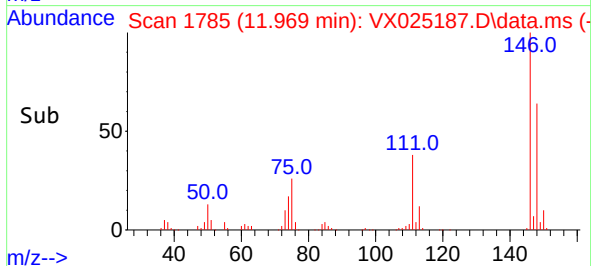
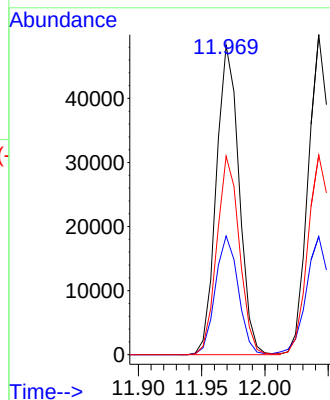
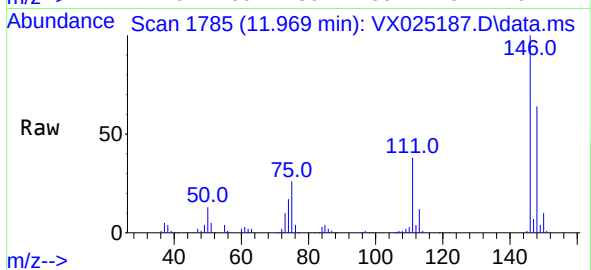
Tgt Ion:146 Resp: 60342
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.6 61.9
 148 63.6 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 19.576 ug/l

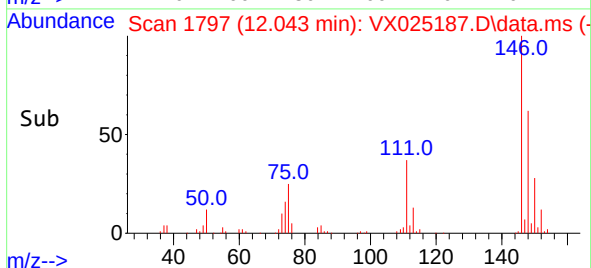
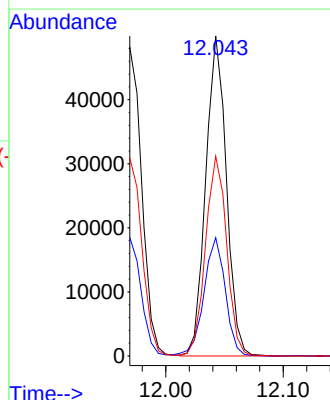
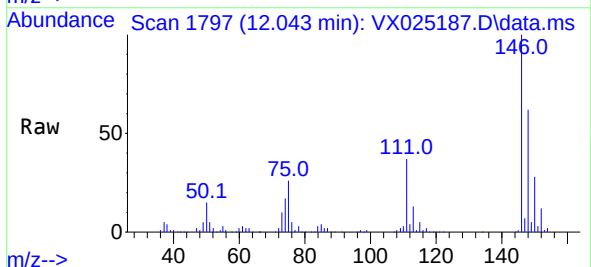
RT: 12.043 min Scan# 1797

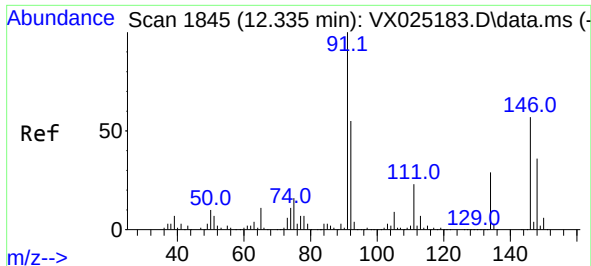
Delta R.T. -0.000 min

Lab File: VX025187.D

Acq: 17 Nov 2021 13:36

Tgt Ion:146 Resp: 60948
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.4 61.3
 148 64.2 32.4 97.0





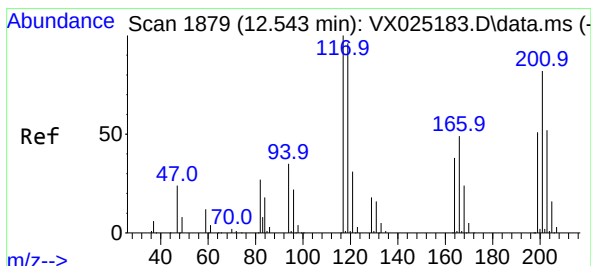
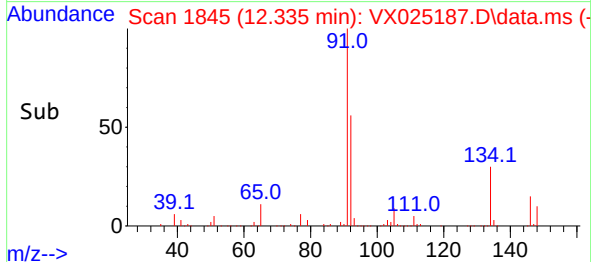
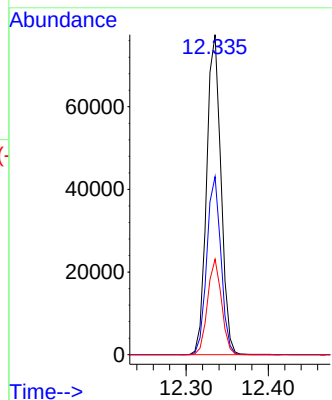
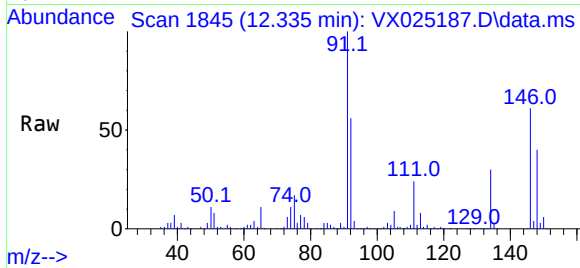
#89
n-Butylbenzene
Concen: 19.575 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 93709
Ion Ratio Lower Upper
91 100
92 54.9 26.3 78.8
134 29.1 13.0 38.9

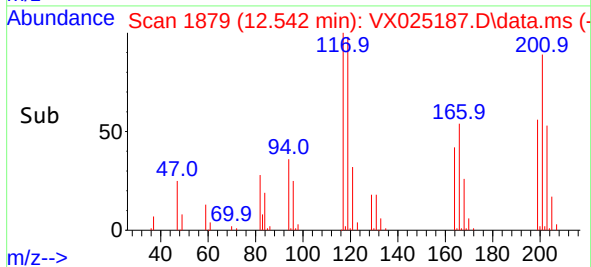
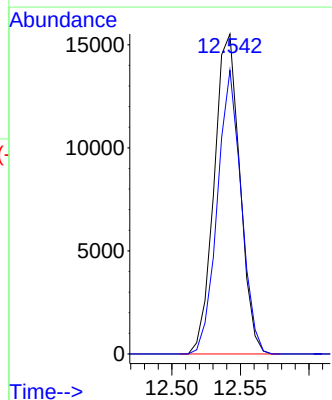
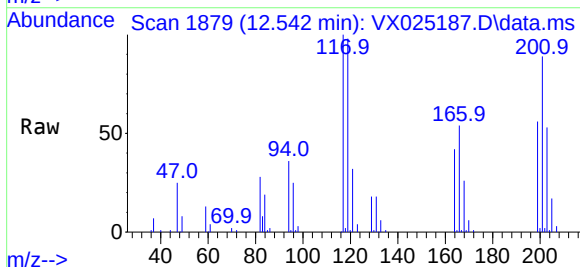
Manual Integrations
APPROVED

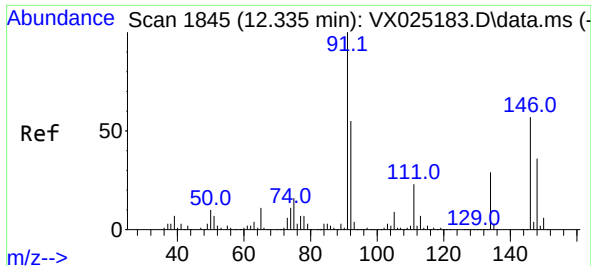
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 19.523 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:117 Resp: 20214
Ion Ratio Lower Upper
117 100
201 82.5 38.9 116.6





#91
1,2-Dichlorobenzene
Concen: 18.940 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

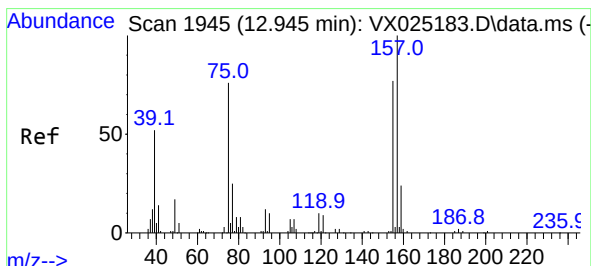
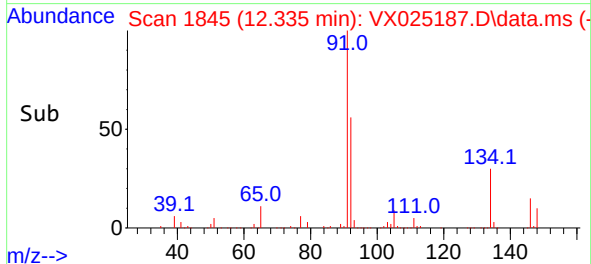
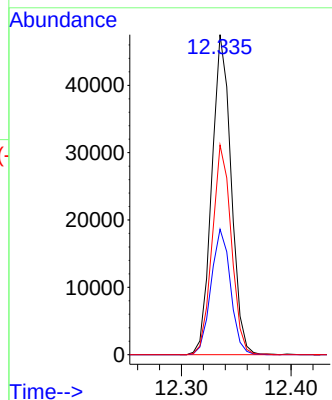
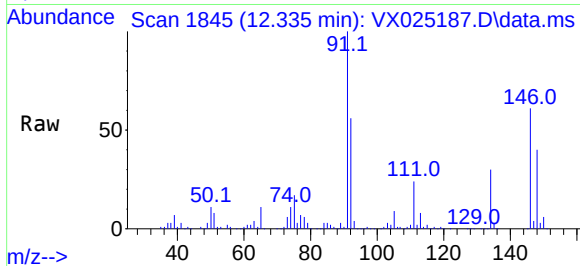
VSTDIC020

Tgt Ion:146 Resp: 5819
Ion Ratio Lower Upper
146 100
111 39.5 21.2 63.6
148 64.8 32.1 96.5

Manual Integrations

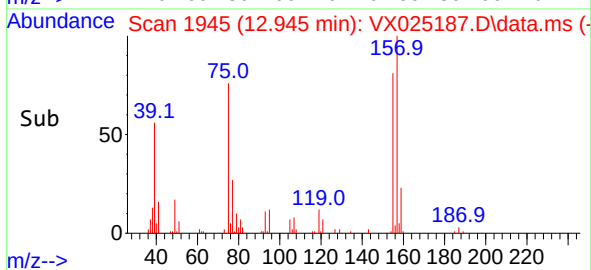
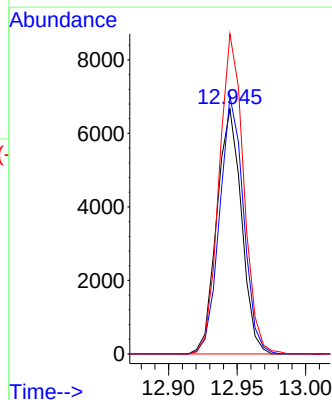
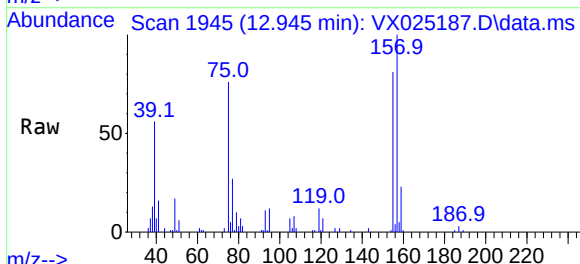
APPROVED

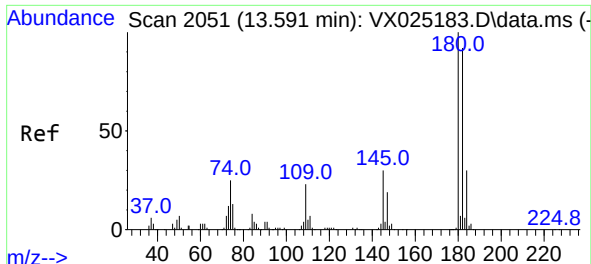
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.321 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion: 75 Resp: 8337
Ion Ratio Lower Upper
75 100
155 101.7 43.1 129.3
157 129.3 53.6 160.9





#93
1,2,4-Trichlorobenzene
Concen: 21.504 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

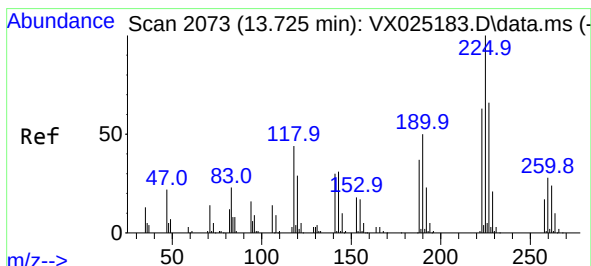
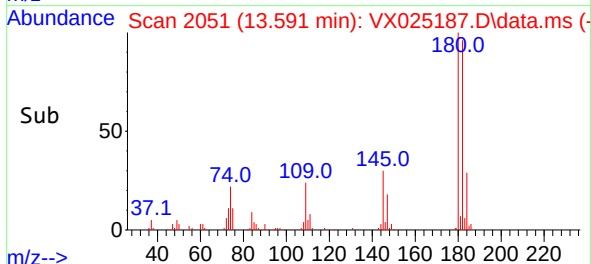
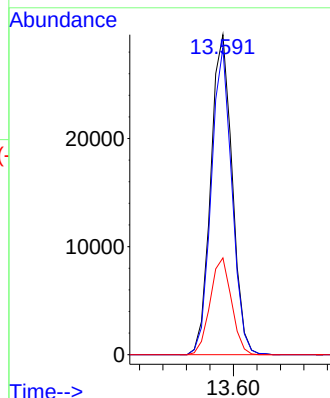
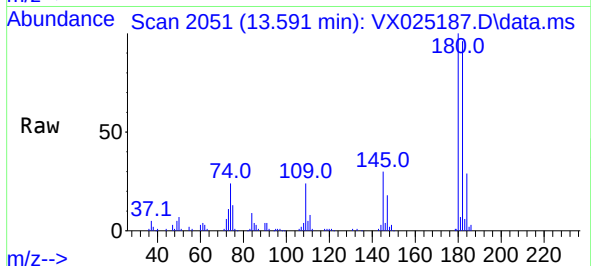
VSTDICC020

Tgt Ion:180 Resp: 3741
Ion Ratio Lower Upper
180 100
182 92.3 47.3 141.8
145 30.2 16.1 48.3

Manual Integrations

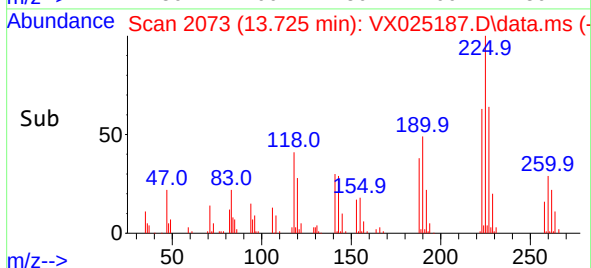
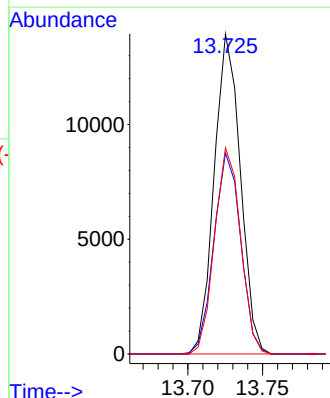
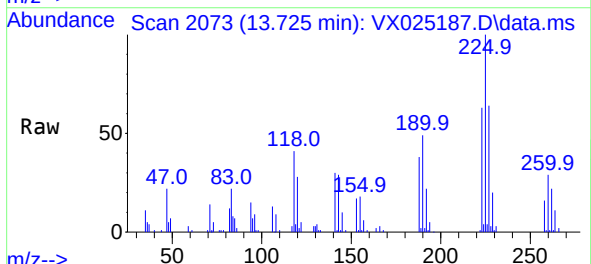
APPROVED

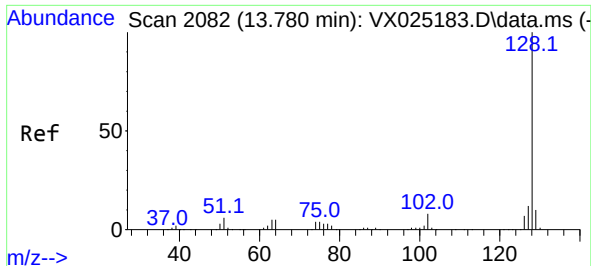
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 19.832 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

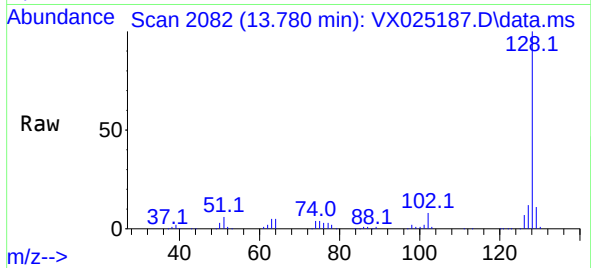
Tgt Ion:225 Resp: 16964
Ion Ratio Lower Upper
225 100
223 64.3 30.9 92.7
227 64.0 31.1 93.5





#95
Naphthalene
Concen: 20.912 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

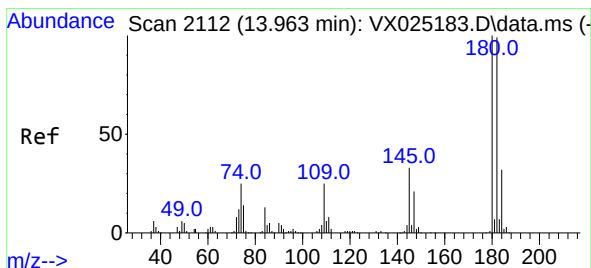
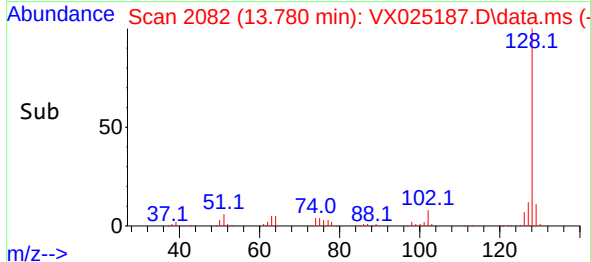
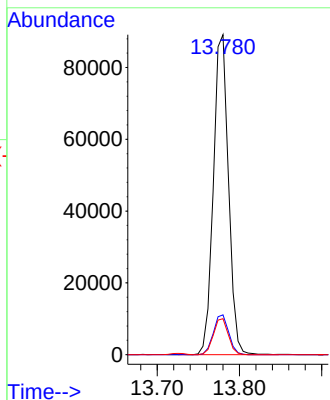
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 11366
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 21.054 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025187.D
Acq: 17 Nov 2021 13:36

Tgt Ion:180 Resp: 36019
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.3
145 32.6 16.8 50.3

