

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027483.D
 Acq On : 17 Mar 2022 12:36
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 14:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	321162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	511915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	20143	5.378	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.760%#		
35) Dibromofluoromethane	5.385	113	16231	4.914	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.820%#		
50) Toluene-d8	8.653	98	60168	4.825	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.640%#		
62) 4-Bromofluorobenzene	11.085	95	22936	4.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14550	4.420	ug/l	96
3) Chloromethane	1.294	50	13726	3.965	ug/l	99
4) Vinyl Chloride	1.373	62	15532	4.365	ug/l	100
5) Bromomethane	1.593	94	9123	5.842	ug/l	91
6) Chloroethane	1.678	64	10134	4.558	ug/l	93
7) Trichlorofluoromethane	1.879	101	26771	5.403	ug/l	95
8) Diethyl Ether	2.136	74	10420	5.397	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	15675	4.839	ug/l	94
10) Methyl Iodide	2.453	142	18695	4.089	ug/l	95
11) Tert butyl alcohol	2.965	59	18350	24.993	ug/l	99
12) 1,1-Dichloroethene	2.312	96	14817	4.758	ug/l	94
13) Acrolein	2.233	56	15970	31.030	ug/l	99
14) Allyl chloride	2.660	41	23184	4.746	ug/l	92
15) Acrylonitrile	3.068	53	42498	21.994	ug/l	98
16) Acetone	2.379	43	41276	25.090	ug/l	90
17) Carbon Disulfide	2.507	76	35799	4.231	ug/l	99
18) Methyl Acetate	2.702	43	19084	4.635	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	50344	4.879	ug/l	100
20) Methylene Chloride	2.788	84	17367	4.747	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	15482	4.473	ug/l	95
22) Diisopropyl ether	3.763	45	45982	4.709	ug/l #	87
23) Vinyl Acetate	3.727	43	195224	23.899	ug/l	97
24) 1,1-Dichloroethane	3.605	63	28238	4.763	ug/l	98
25) 2-Butanone	4.562	43	60646	23.508	ug/l	96
26) 2,2-Dichloropropane	4.477	77	21919	5.156	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	18411	4.585	ug/l	98
28) Bromochloromethane	4.903	49	11221	4.548	ug/l	94
29) Tetrahydrofuran	5.013	42	37890	22.197	ug/l	94
30) Chloroform	5.098	83	31421	5.021	ug/l	96
31) Cyclohexane	5.464	56	24722	4.719	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	27480	5.138	ug/l	99
36) 1,1-Dichloropropene	5.696	75	22648	4.938	ug/l	99
37) Ethyl Acetate	4.714	43	22414	4.636	ug/l	98
38) Carbon Tetrachloride	5.678	117	25274	5.329	ug/l	96
39) Methylcyclohexane	7.378	83	28982	5.004	ug/l	97
40) Benzene	6.037	78	64391	4.610	ug/l	99

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 Data File : VX027483.D
 Acq On : 17 Mar 2022 12:36
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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Mar 17 14:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12159	4.665	ug/l	93
42) 1,2-Dichloroethane	6.092	62	24988	5.476	ug/l	96
43) Isopropyl Acetate	6.348	43	35695	4.898	ug/l	95
44) Trichloroethene	7.129	130	21108	5.502	ug/l	98
45) 1,2-Dichloropropane	7.433	63	17218	4.919	ug/l	98
46) Dibromomethane	7.586	93	13356	5.364	ug/l	99
47) Bromodichloromethane	7.824	83	23779	5.171	ug/l #	96
48) Methyl methacrylate	7.695	41	17292	4.772	ug/l	96
49) 1,4-Dioxane	7.665	88	9823	103.513	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	116742	23.928	ug/l	92
52) Toluene	8.720	92	42695	4.795	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	22329	4.732	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	24498	4.625	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	17360	4.671	ug/l	94
56) Ethyl methacrylate	9.116	69	25219	4.601	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	28085	4.682	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	62207	22.477	ug/l	99
59) 2-Hexanone	9.433	43	88796	23.561	ug/l	90
60) Dibromochloromethane	9.524	129	18351	4.838	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18961	4.941	ug/l	99
64) Tetrachloroethene	9.274	164	18631	5.797	ug/l	90
65) Chlorobenzene	10.079	112	48070	4.982	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	17317	5.134	ug/l	97
67) Ethyl Benzene	10.195	91	83400	5.013	ug/l	99
68) m/p-Xylenes	10.305	106	65602	10.052	ug/l	100
69) o-Xylene	10.646	106	32140	4.988	ug/l	98
70) Styrene	10.658	104	51651	4.829	ug/l	98
71) Bromoform	10.805	173	13764	4.996	ug/l #	97
73) Isopropylbenzene	10.963	105	83354	5.063	ug/l	100
74) N-amyl acetate	10.841	43	27674	4.599	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	26907	4.756	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	23792m	4.817	ug/l	
77) Bromobenzene	11.201	156	21157	5.092	ug/l	97
78) n-propylbenzene	11.305	91	91765	4.955	ug/l	98
79) 2-Chlorotoluene	11.366	91	59230	5.117	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	70695	5.008	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	6480	4.243	ug/l #	78
82) 4-Chlorotoluene	11.457	91	66138	5.051	ug/l	99
83) tert-Butylbenzene	11.719	119	69401	4.919	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	72558	5.183	ug/l	98
85) sec-Butylbenzene	11.890	105	85501	5.024	ug/l	99
86) p-Isopropyltoluene	12.012	119	72639	5.042	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	38678	4.955	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	40130	5.078	ug/l	94
89) n-Butylbenzene	12.335	91	58692	4.863	ug/l	96
90) Hexachloroethane	12.542	117	10769	4.796	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	38624	5.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5742	4.844	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	22234	4.401	ug/l	97
94) Hexachlorobutadiene	13.725	225	10753	4.854	ug/l	96
95) Naphthalene	13.780	128	73347	4.325	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23466	4.648	ug/l	95

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 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

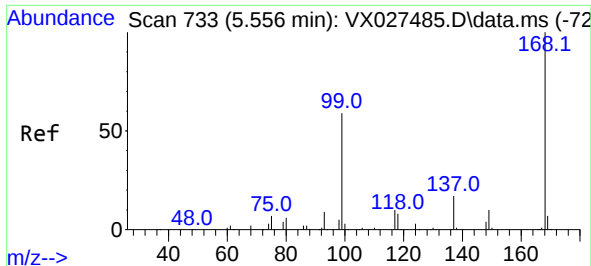
Manual Integrations
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 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 14:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

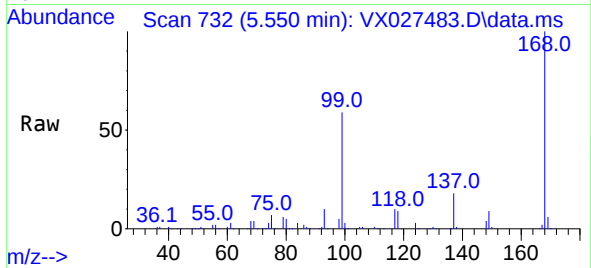
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

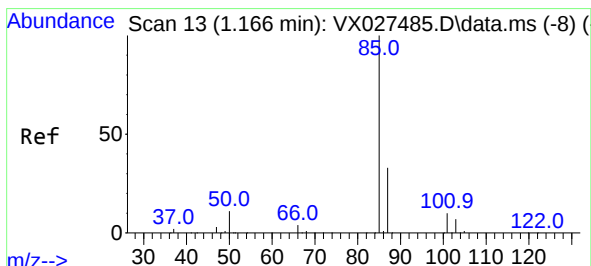
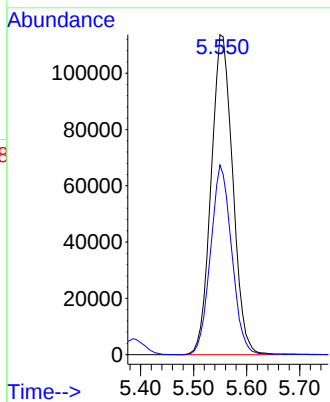
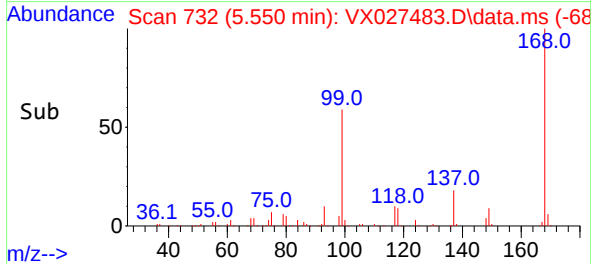
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



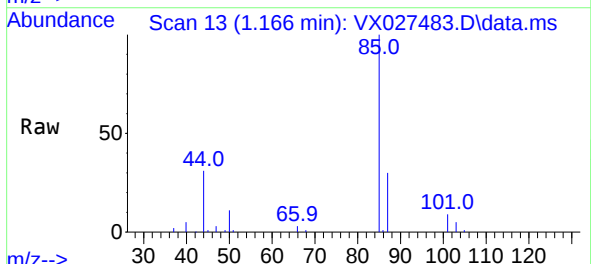
Tgt Ion:168 Resp: 321162
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5

Manual Integrations
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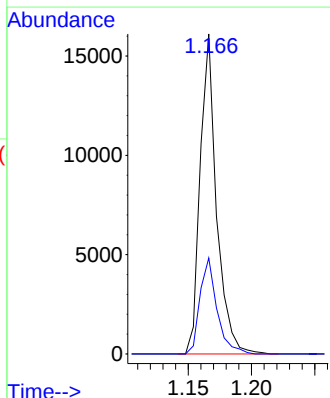
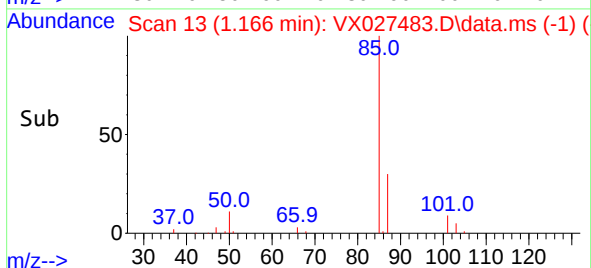
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

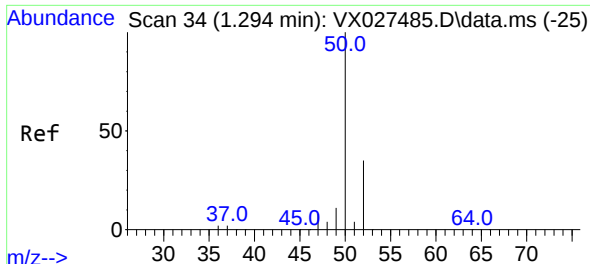


#2
Dichlorodifluoromethane
Concen: 4.420 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



Tgt Ion: 85 Resp: 14550
Ion Ratio Lower Upper
85 100
87 30.0 16.2 48.6





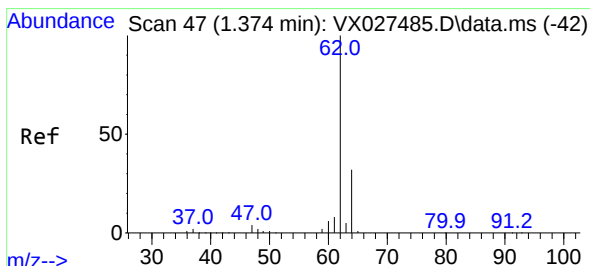
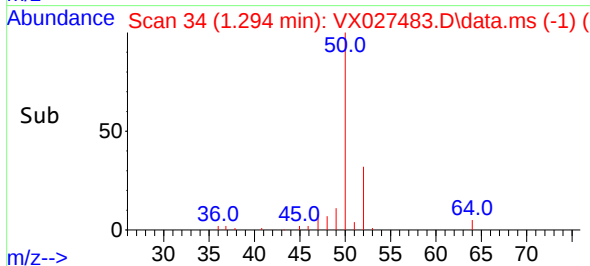
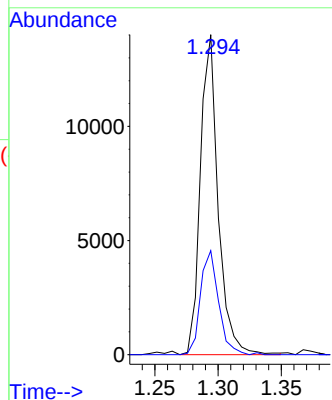
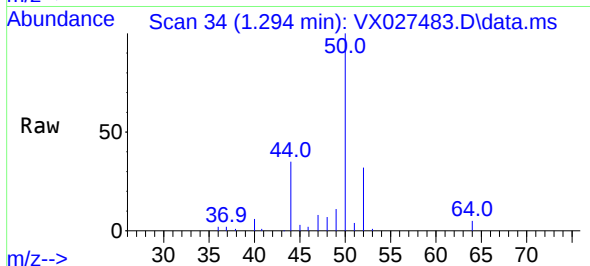
#3
Chloromethane
Concen: 3.965 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 50 Resp: 13720
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6

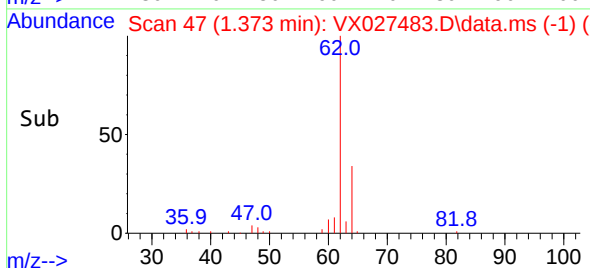
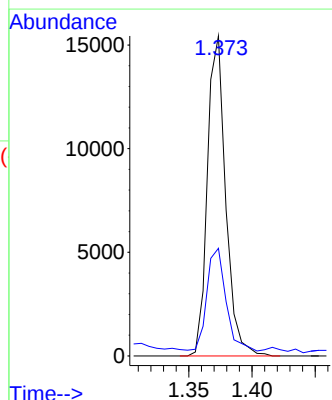
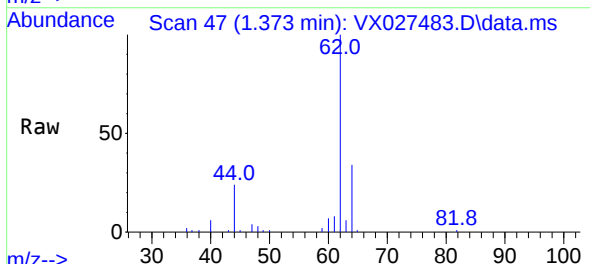
Manual Integrations
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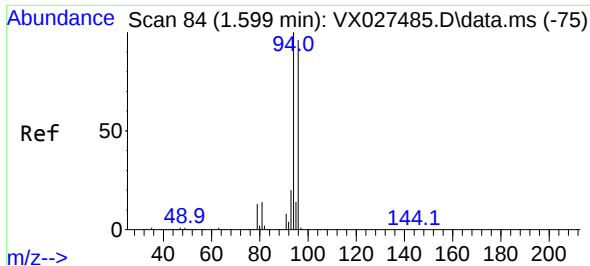
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Vinyl Chloride
Concen: 4.365 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

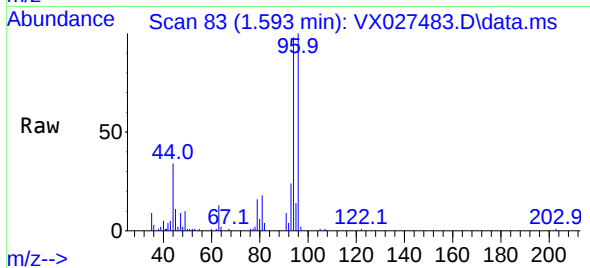
Tgt Ion: 62 Resp: 15532
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 5.842 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

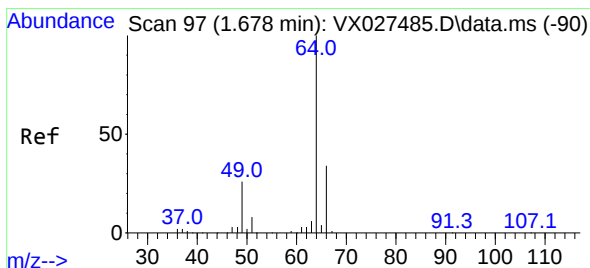
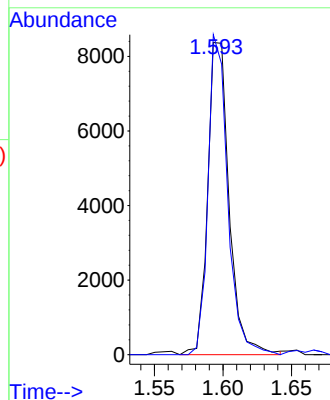
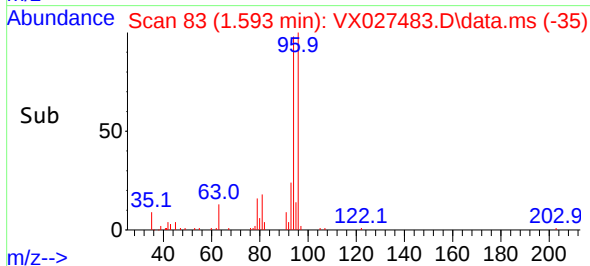
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 912
Ion Ratio Lower Upper
94 100
96 102.5 75.3 112.9

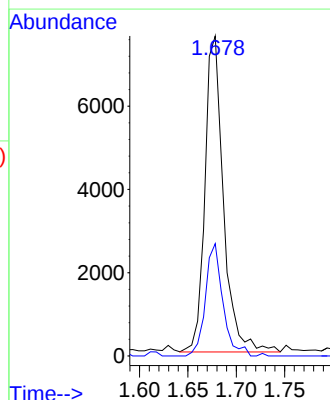
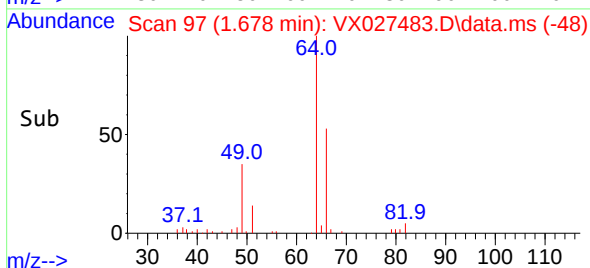
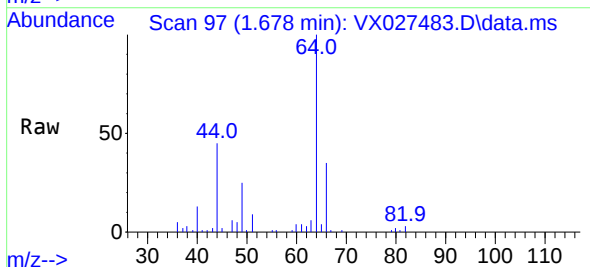
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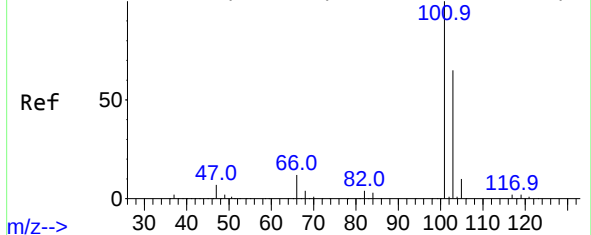


#6
Chloroethane
Concen: 4.558 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 64 Resp: 10134
Ion Ratio Lower Upper
64 100
66 35.6 25.3 37.9



Abundance Scan 130 (1.880 min): VX027485.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 5.403 ug/l

RT: 1.879 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:101 Resp: 2677

Ion Ratio Lower Upper

101 100

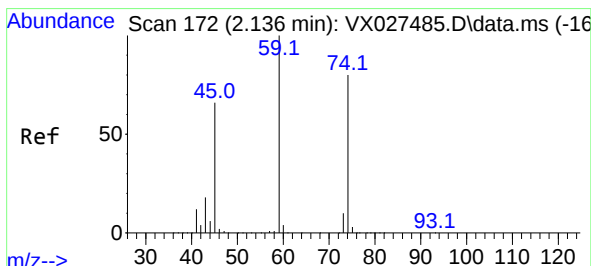
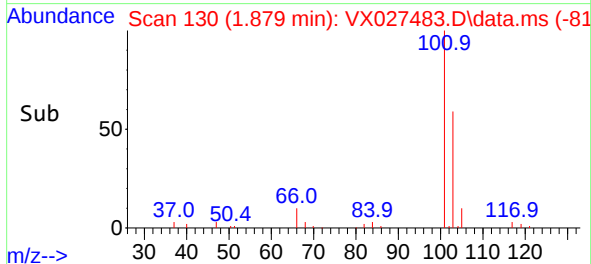
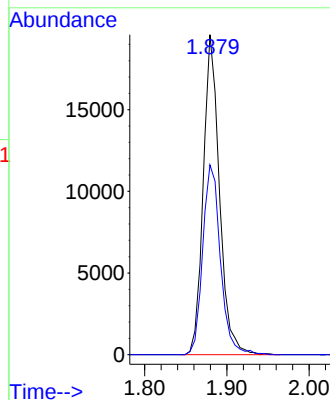
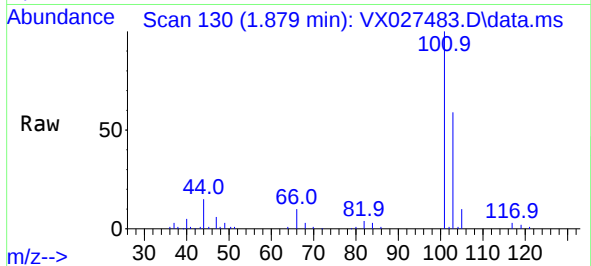
103 59.3 50.5 75.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/18/2022



#8

Diethyl Ether

Concen: 5.397 ug/l

RT: 2.136 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX027483.D

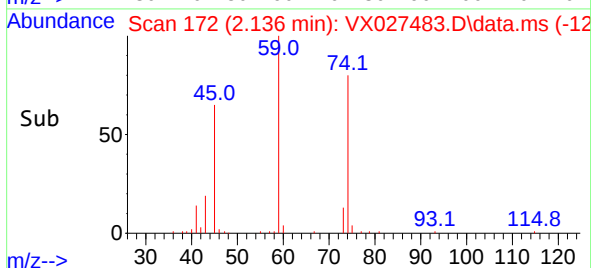
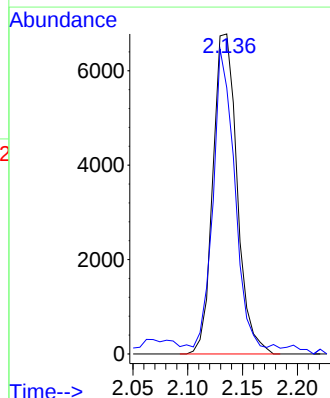
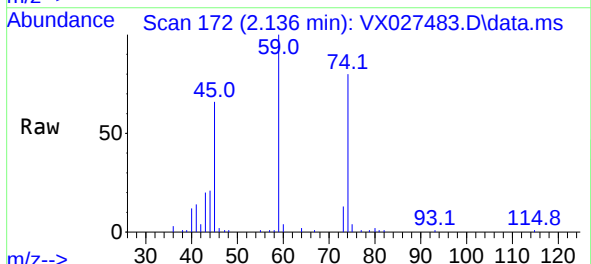
Acq: 17 Mar 2022 12:36

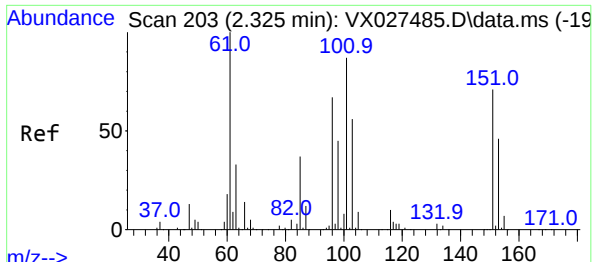
Tgt Ion: 74 Resp: 10420

Ion Ratio Lower Upper

74 100

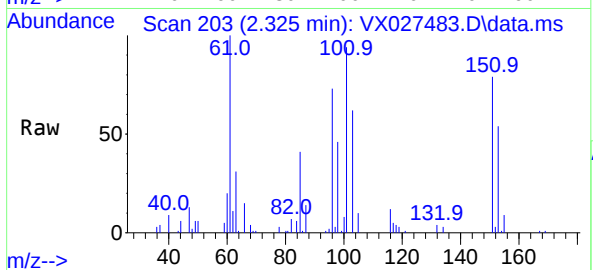
45 81.8 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.839 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

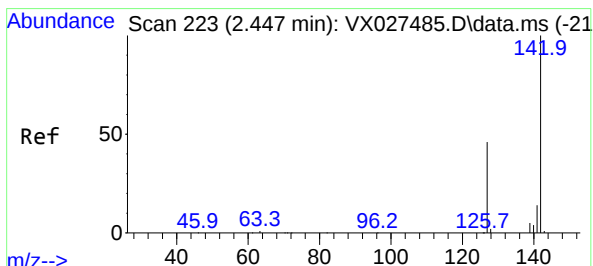
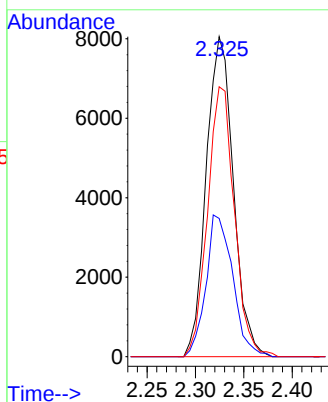
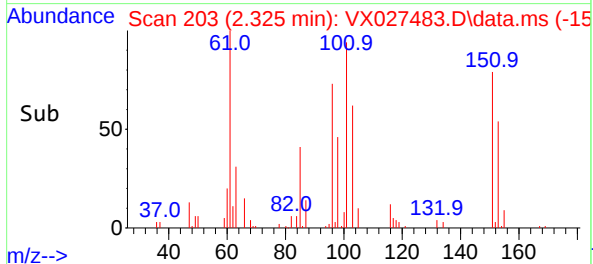
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



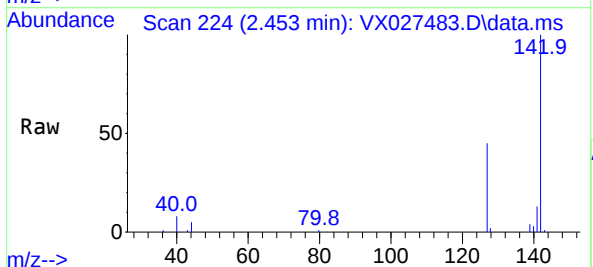
Tgt Ion:101 Resp: 15679
Ion Ratio Lower Upper
101 100
85 43.8 33.5 50.3
151 83.6 61.8 92.6

Manual Integrations
APPROVED

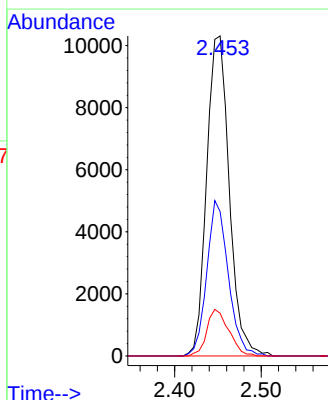
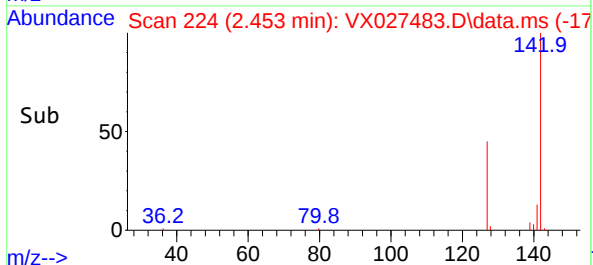
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

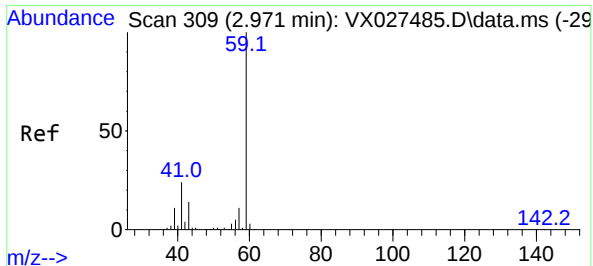


#10
Methyl Iodide
Concen: 4.089 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



Tgt Ion:142 Resp: 18695
Ion Ratio Lower Upper
142 100
127 46.3 33.9 50.9
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 24.993 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 18350

Ion Ratio Lower Upper

59 100

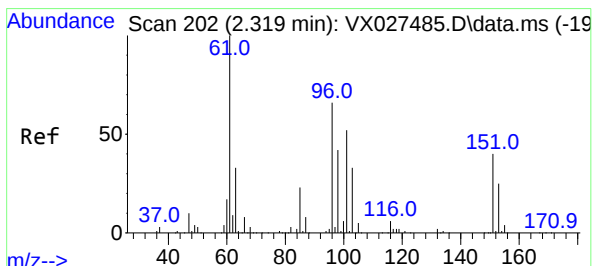
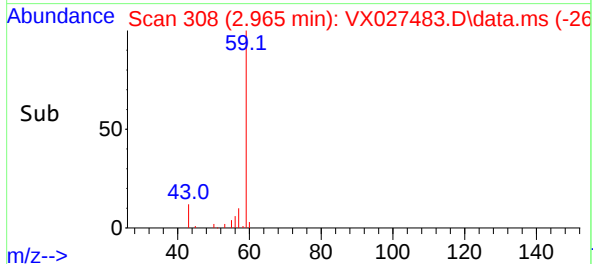
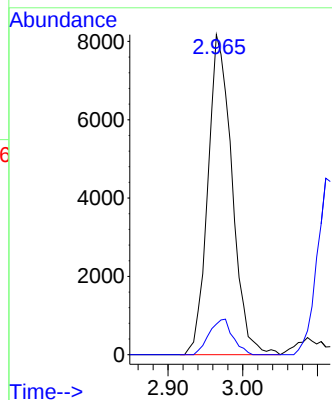
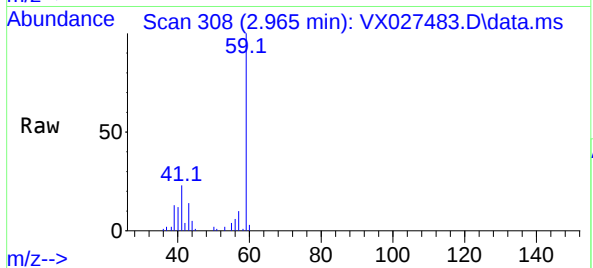
57 10.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#12

1,1-Dichloroethene

Concen: 4.758 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

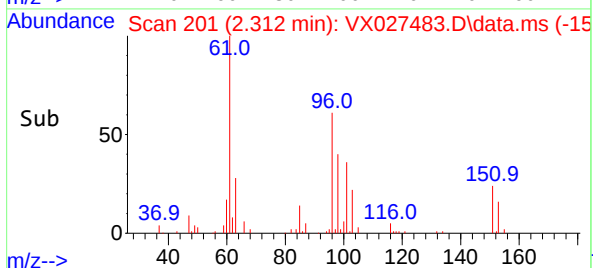
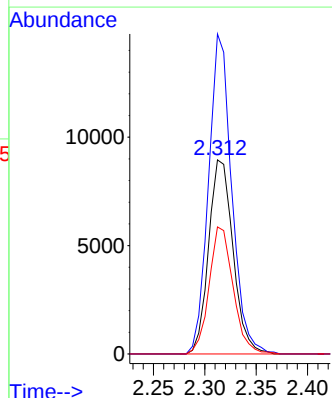
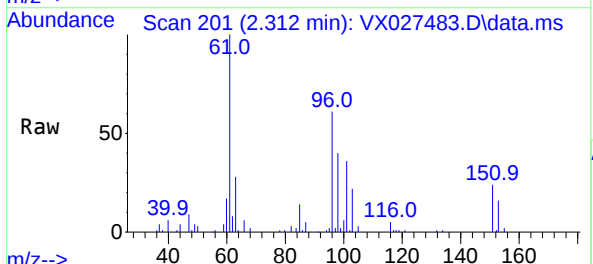
Tgt Ion: 96 Resp: 14817

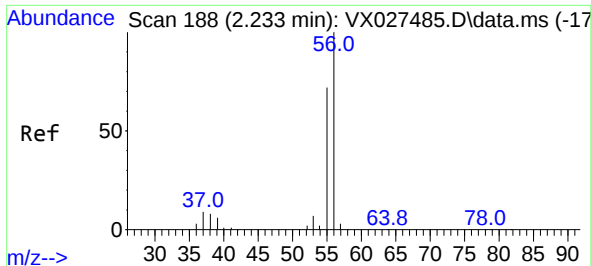
Ion Ratio Lower Upper

96 100

61 164.8 124.6 187.0

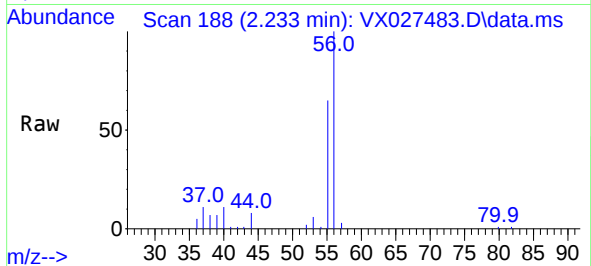
98 65.5 51.0 76.4





#13
Acrolein
Concen: 31.030 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

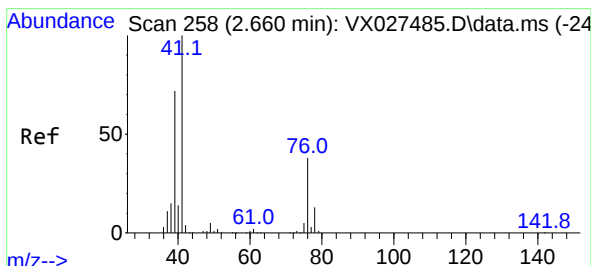
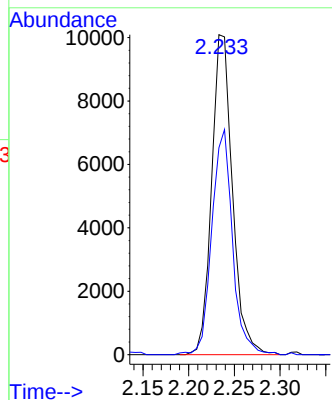
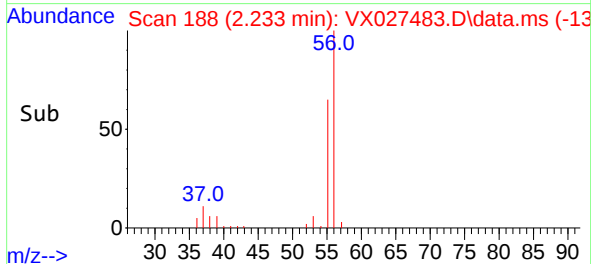
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



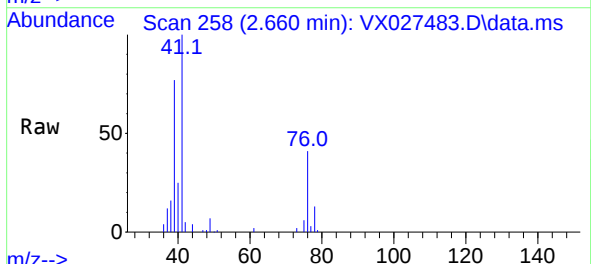
Tgt Ion: 56 Resp: 15970
Ion Ratio Lower Upper
56 100
55 69.9 55.0 82.6

Manual Integrations
APPROVED

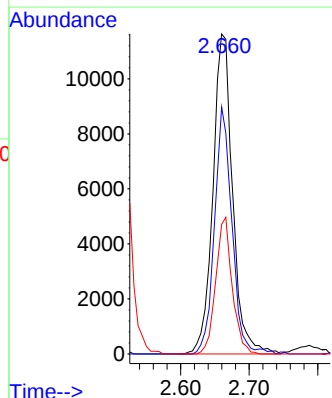
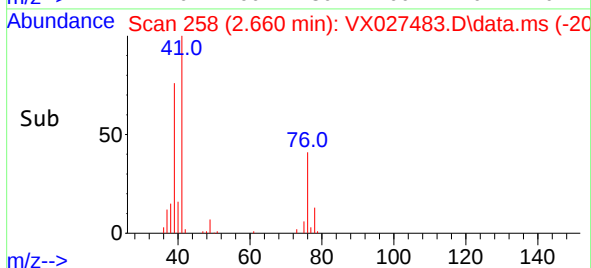
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

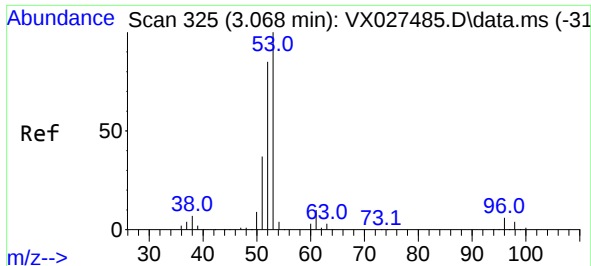


#14
Allyl chloride
Concen: 4.746 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



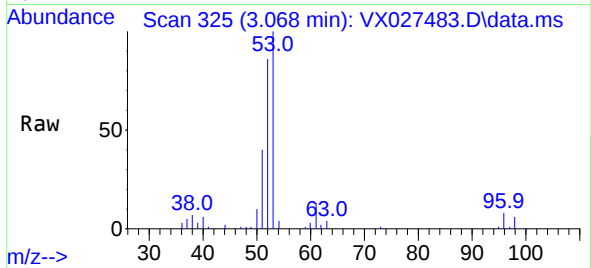
Tgt Ion: 41 Resp: 23184
Ion Ratio Lower Upper
41 100
39 68.4 50.4 75.6
76 35.7 32.7 49.1





#15
Acrylonitrile
Concen: 21.994 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

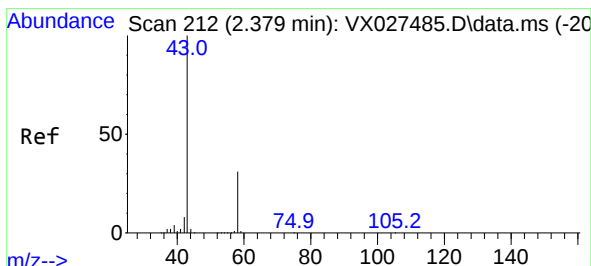
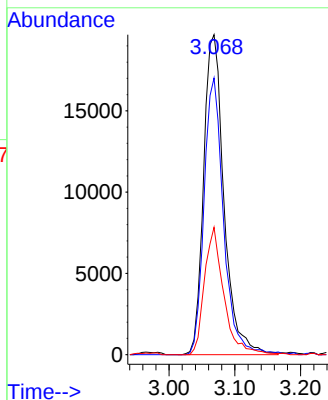
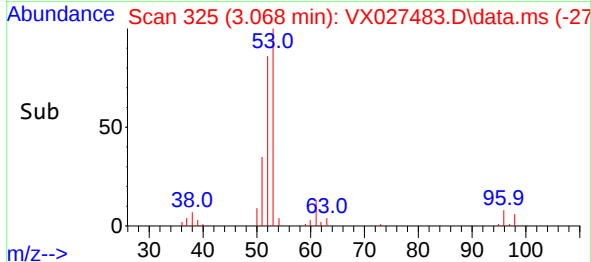
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



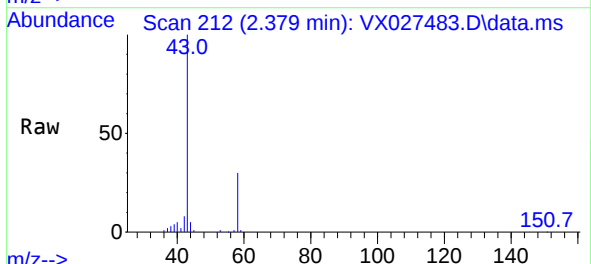
Tgt Ion: 53 Resp: 42498
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 38.0 28.4 42.6

Manual Integrations
APPROVED

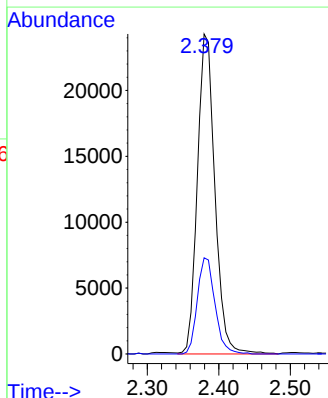
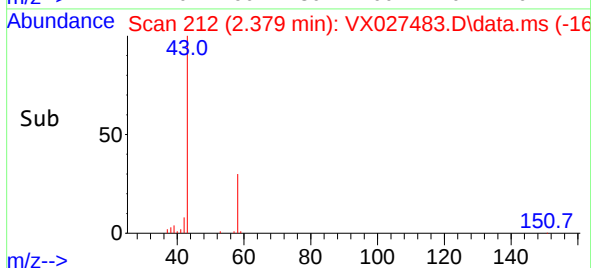
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

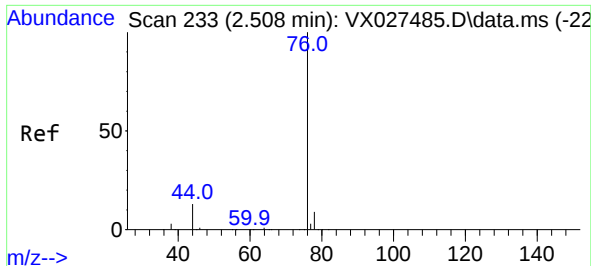


#16
Acetone
Concen: 25.090 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



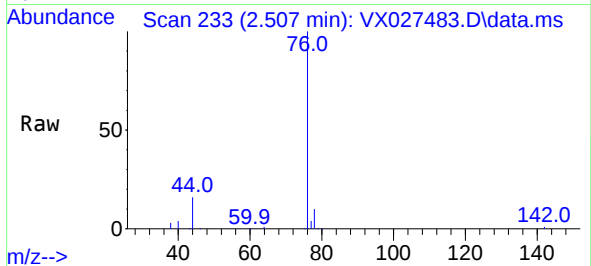
Tgt Ion: 43 Resp: 41276
Ion Ratio Lower Upper
43 100
58 30.1 28.8 43.2





#17
Carbon Disulfide
Concen: 4.231 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

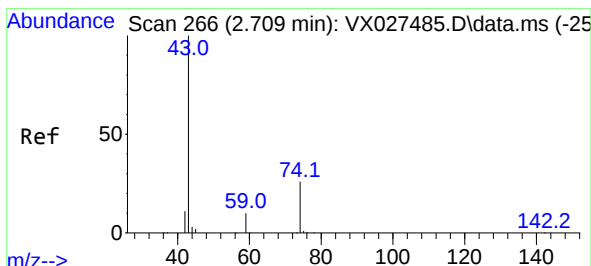
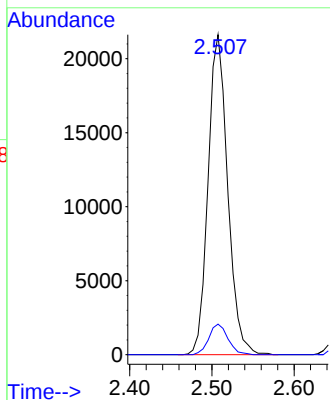
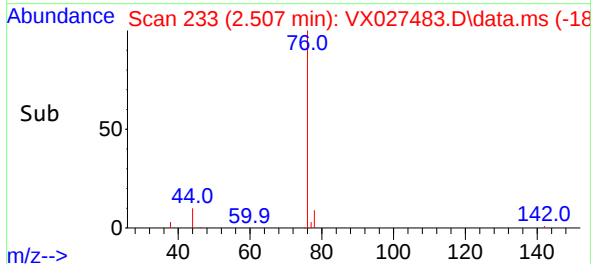
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



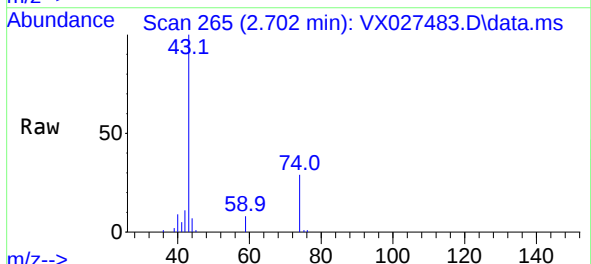
Tgt Ion: 76 Resp: 3579
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

Manual Integrations
APPROVED

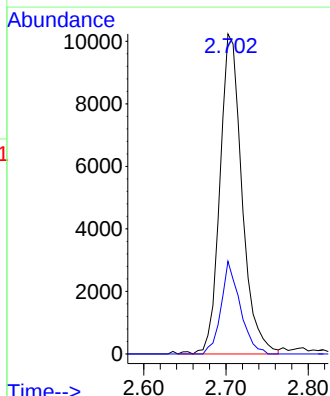
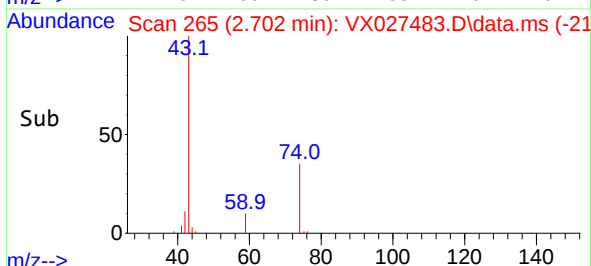
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

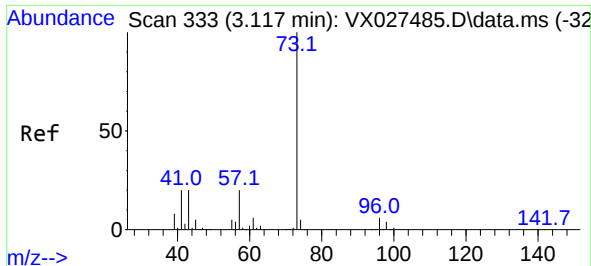


#18
Methyl Acetate
Concen: 4.635 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



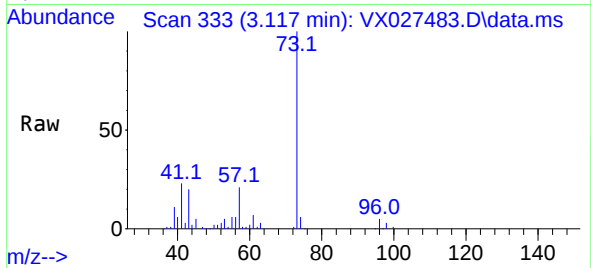
Tgt Ion: 43 Resp: 19084
Ion Ratio Lower Upper
43 100
74 24.9 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 4.879 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

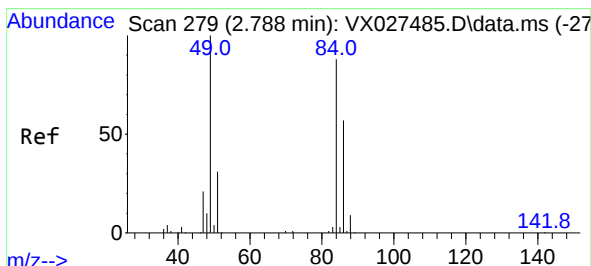
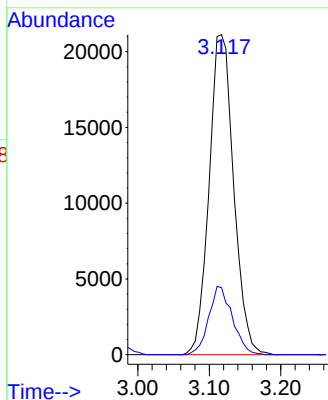
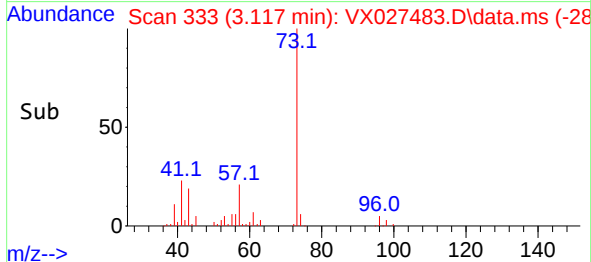
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



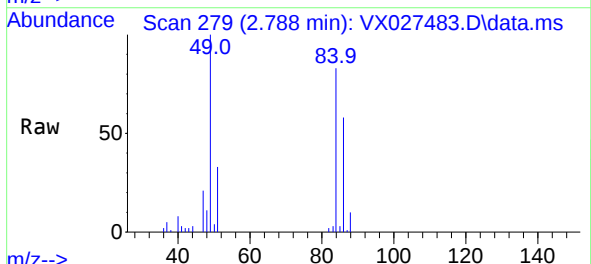
Tgt Ion: 73 Resp: 50344
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2

Manual Integrations
APPROVED

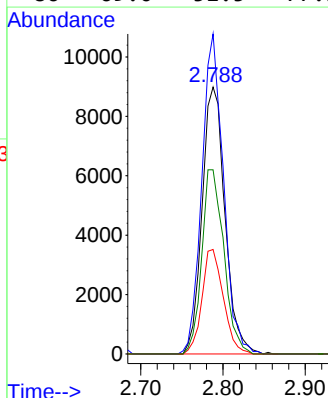
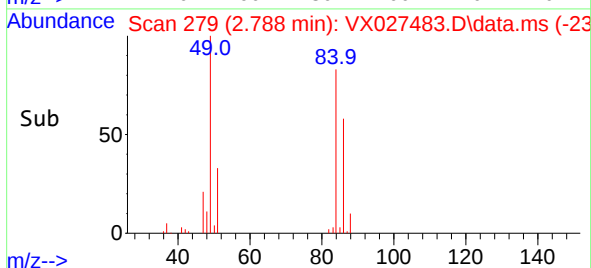
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

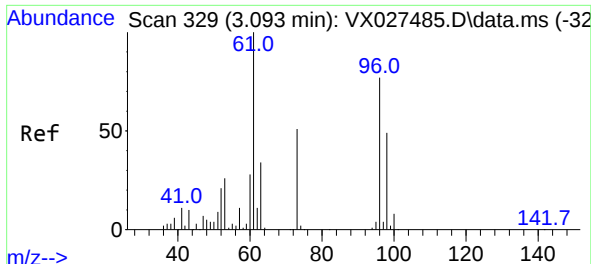


#20
Methylene Chloride
Concen: 4.747 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



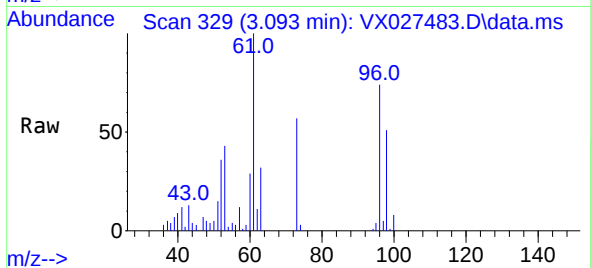
Tgt Ion: 84 Resp: 17367
Ion Ratio Lower Upper
84 100
49 119.9 85.5 128.3
51 39.2 26.6 39.8
86 69.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 4.473 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

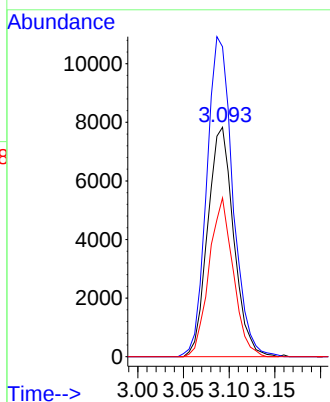
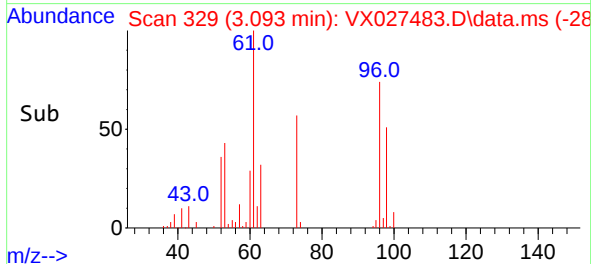
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



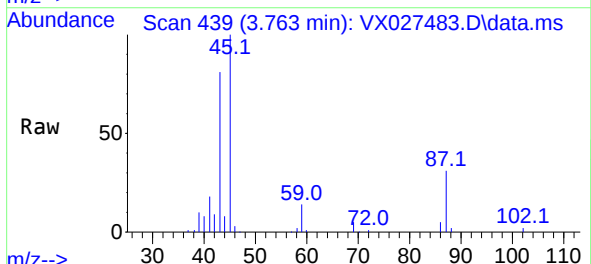
Tgt Ion: 96 Resp: 1548
Ion Ratio Lower Upper
96 100
61 135.0 105.4 158.2
98 69.2 50.0 75.0

Manual Integrations
APPROVED

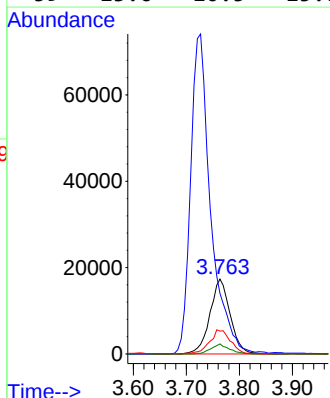
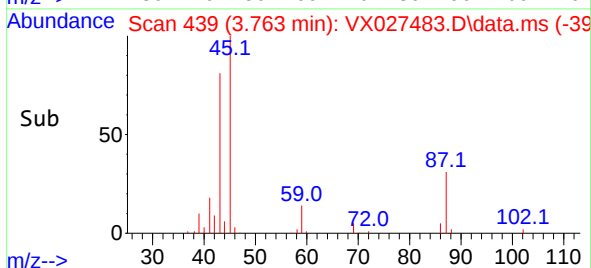
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

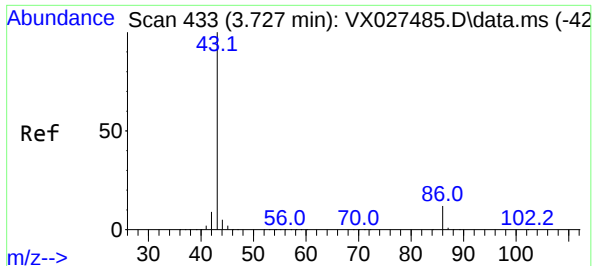


#22
Diisopropyl ether
Concen: 4.709 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



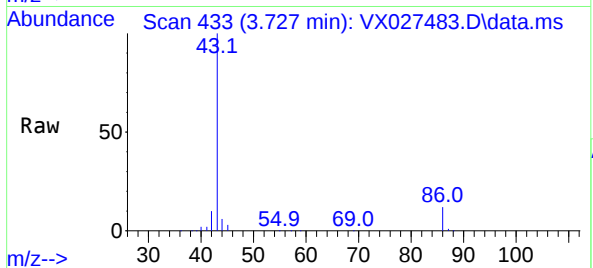
Tgt Ion: 45 Resp: 45982
Ion Ratio Lower Upper
45 100
43 79.4 50.8 76.2#
87 30.7 26.6 39.8
59 13.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 23.899 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX027483.D
 Acq: 17 Mar 2022 12:36

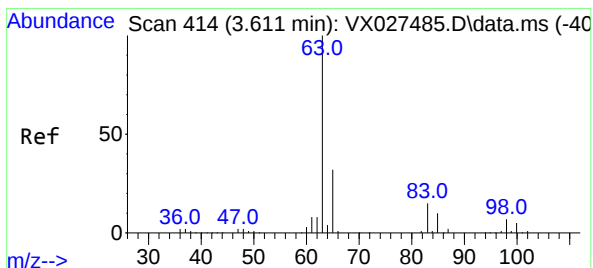
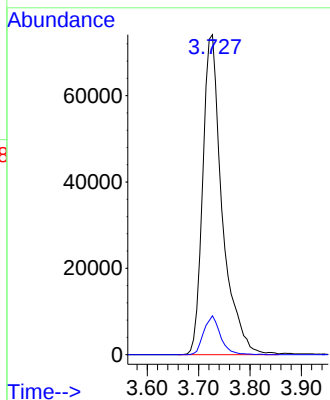
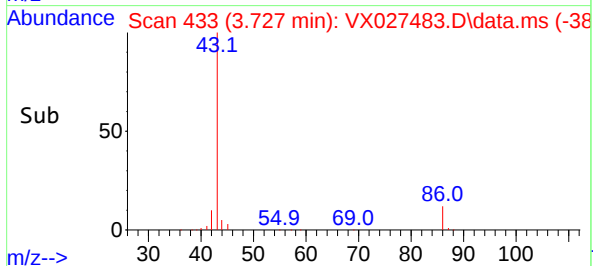
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



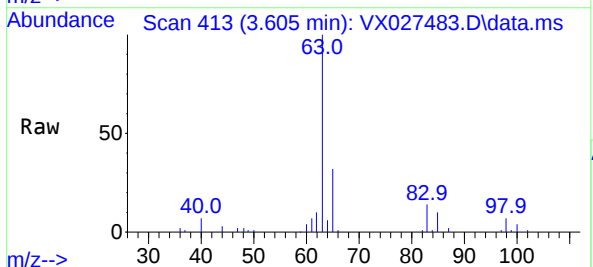
Tgt Ion: 43 Resp: 195224
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.8 16.2

Manual Integrations
 APPROVED

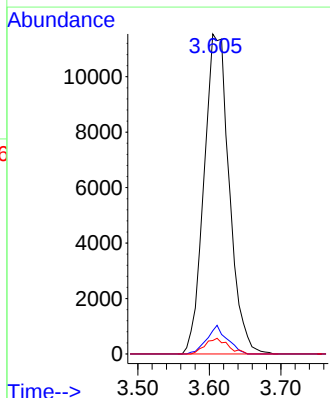
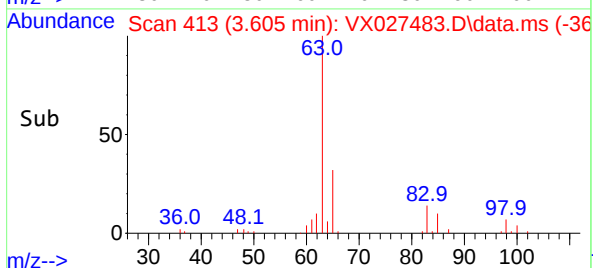
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

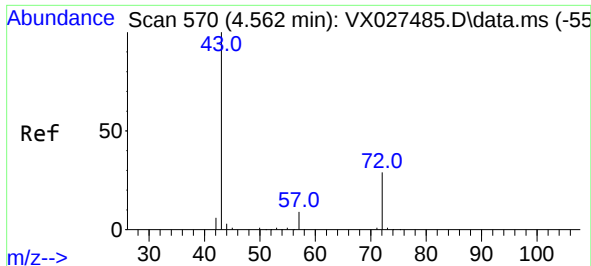


#24
 1,1-Dichloroethane
 Concen: 4.763 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX027483.D
 Acq: 17 Mar 2022 12:36



Tgt Ion: 63 Resp: 28238
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 23.508 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 6064

Ion Ratio Lower Upper

43 100

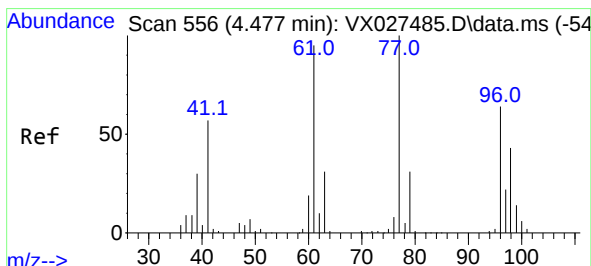
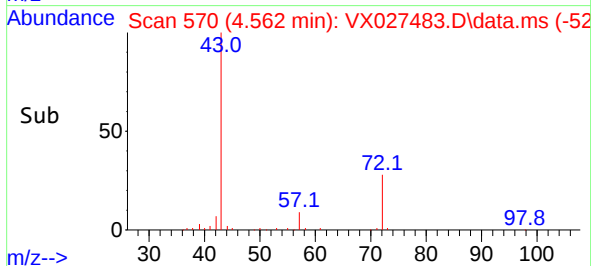
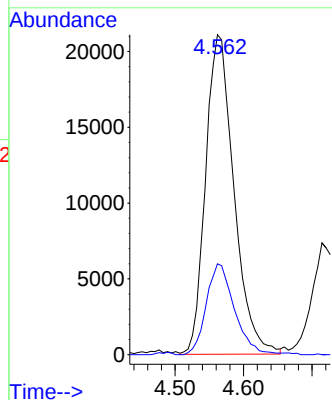
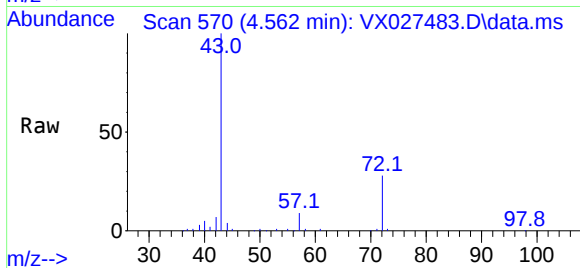
72 28.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#26

2,2-Dichloropropane

Concen: 5.156 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX027483.D

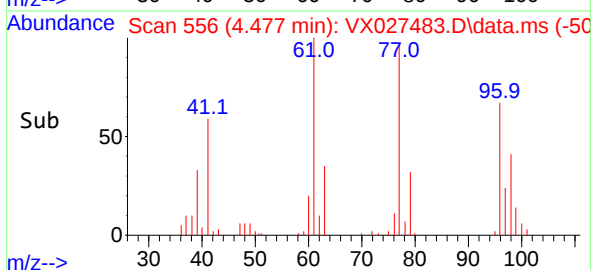
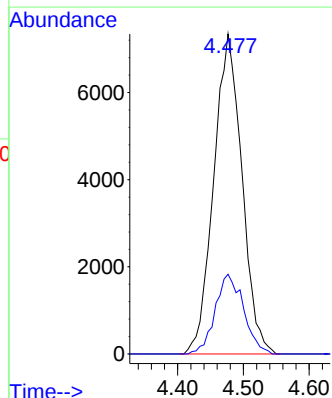
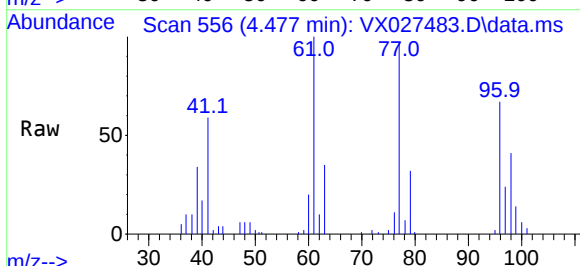
Acq: 17 Mar 2022 12:36

Tgt Ion: 77 Resp: 21919

Ion Ratio Lower Upper

77 100

97 25.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 4.585 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1841

Ion Ratio Lower Upper

96 100

61 144.7 0.0 283.8

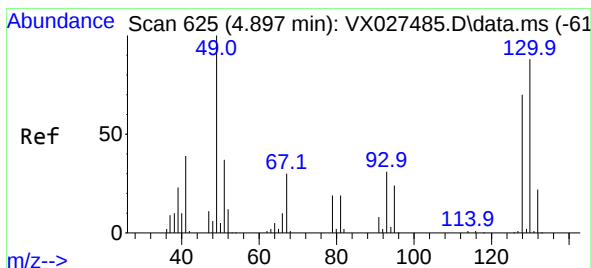
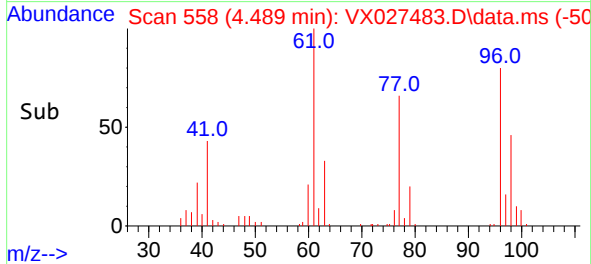
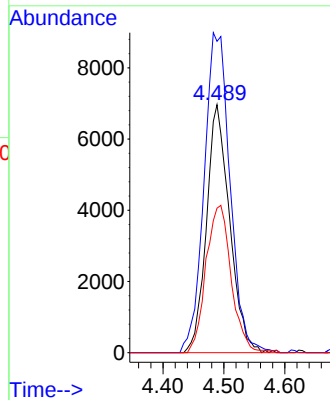
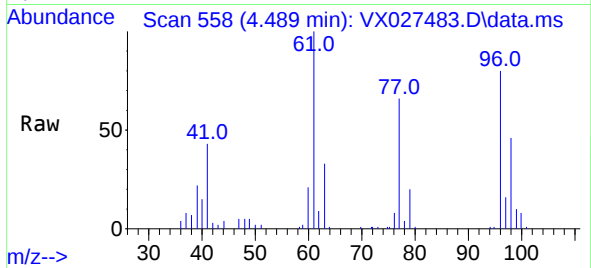
98 64.8 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#28

Bromochloromethane

Concen: 4.548 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

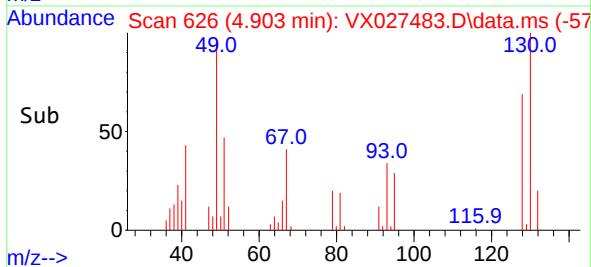
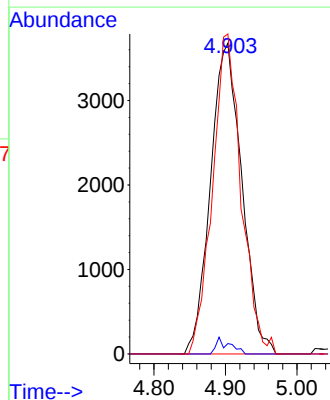
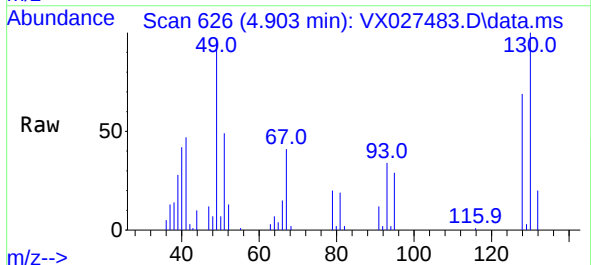
Tgt Ion: 49 Resp: 11221

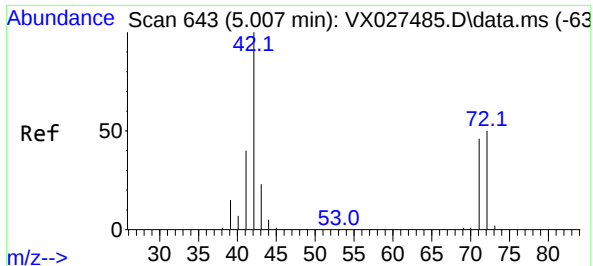
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 93.8 70.7 106.1





#29

Tetrahydrofuran

Concen: 22.197 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 37890

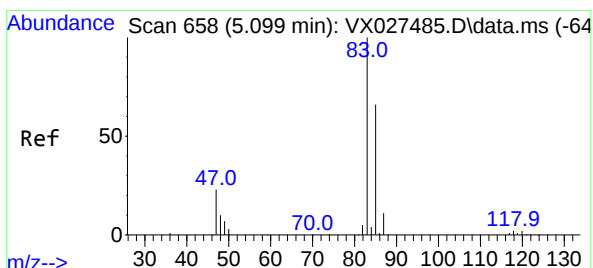
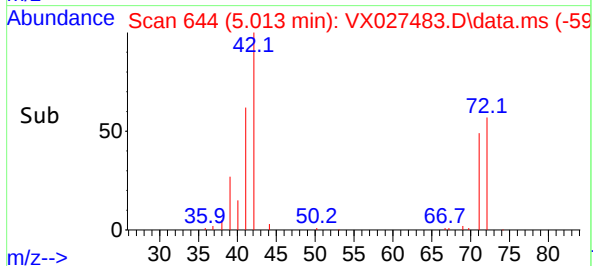
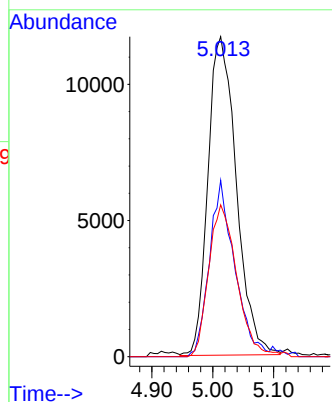
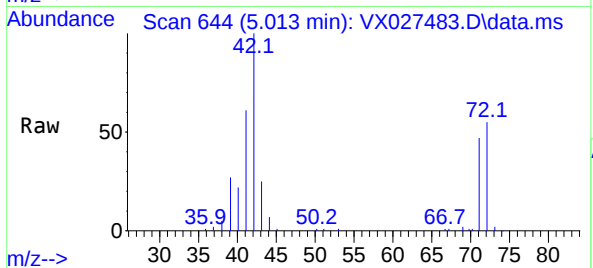
Ion	Ratio	Lower	Upper
42	100		
72	49.2	44.1	66.1
71	47.5	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#30

Chloroform

Concen: 5.021 ug/l

RT: 5.098 min Scan# 658

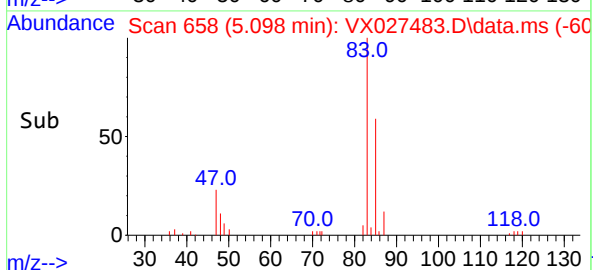
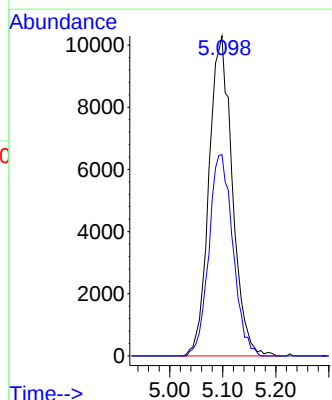
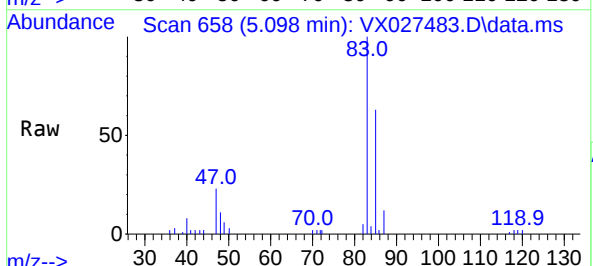
Delta R.T. -0.000 min

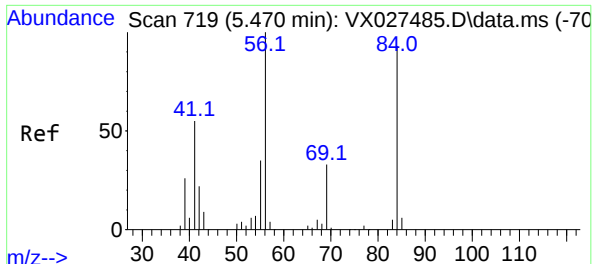
Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Tgt Ion: 83 Resp: 31421

Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.7	79.1





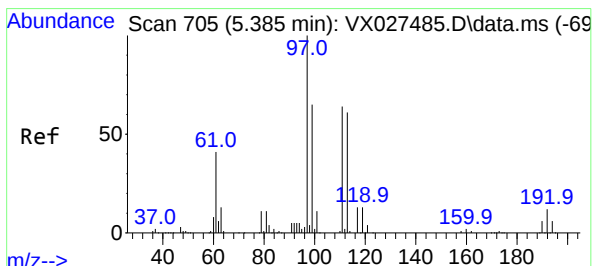
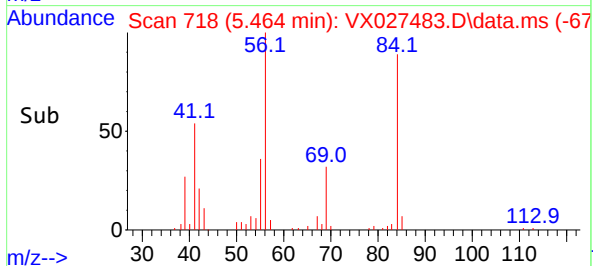
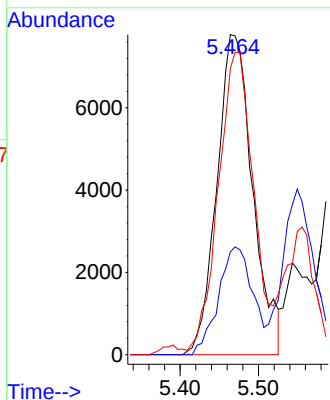
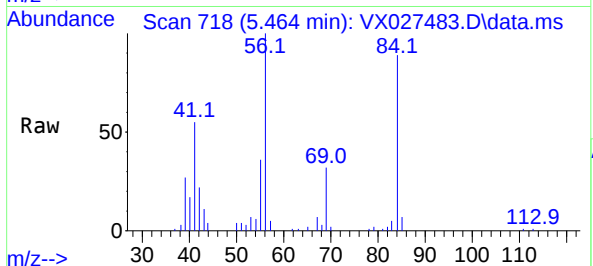
#31
Cyclohexane
Concen: 4.719 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 2472
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 87.8 77.2 115.8

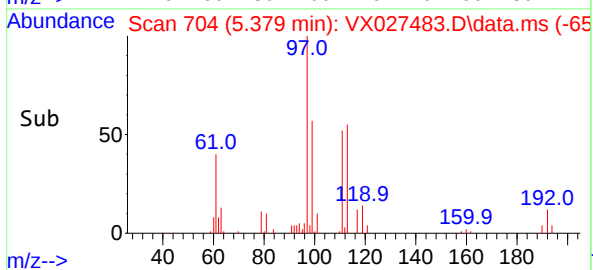
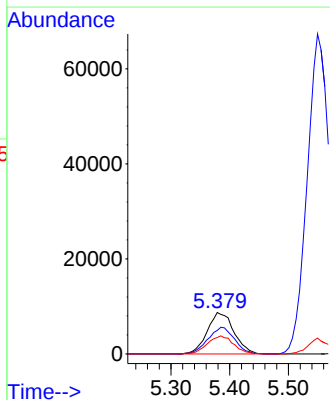
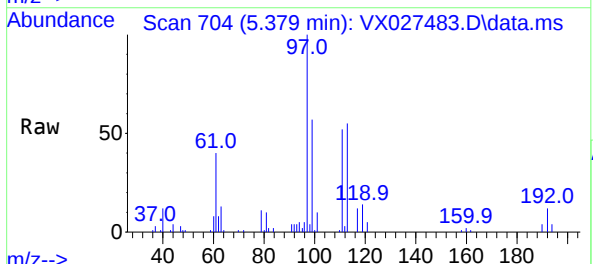
Manual Integrations
APPROVED

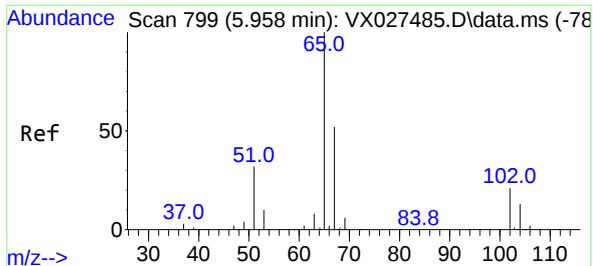
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#32
1,1,1-Trichloroethane
Concen: 5.138 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 97 Resp: 27480
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 42.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 5.378 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2014

Ion Ratio Lower Upper

65 100

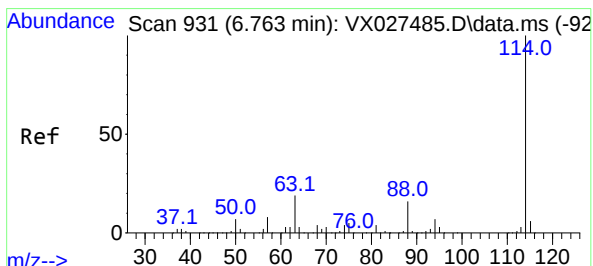
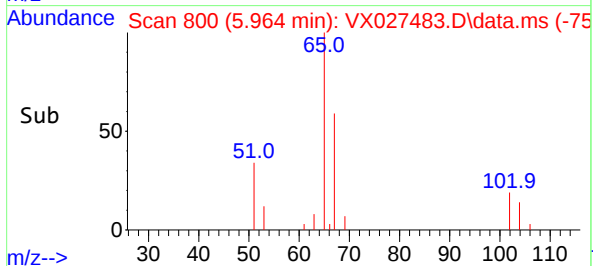
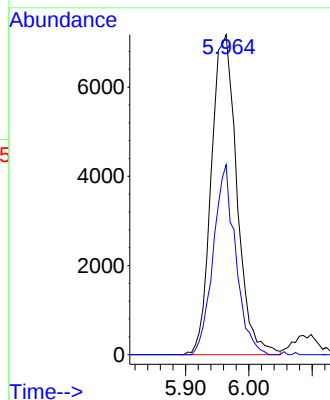
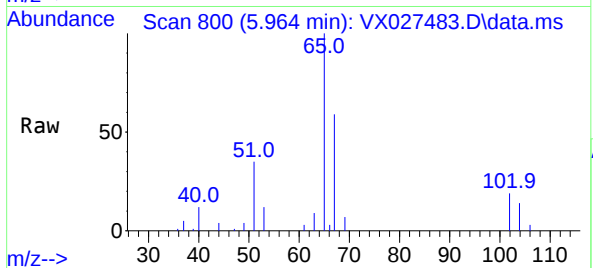
67 52.1 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

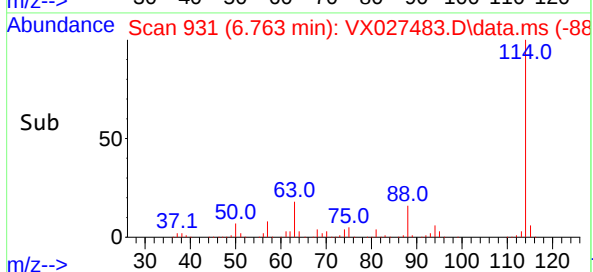
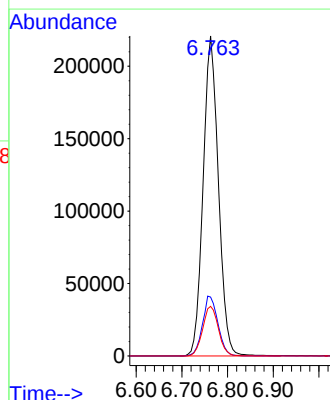
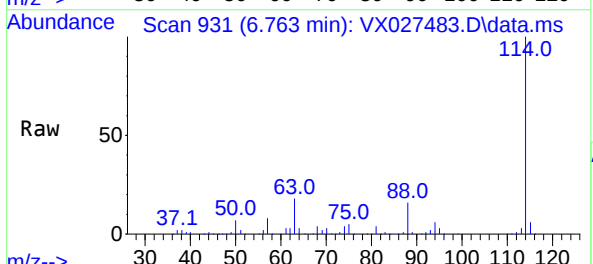
Tgt Ion:114 Resp: 511915

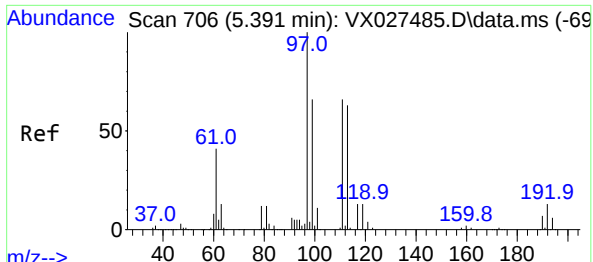
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

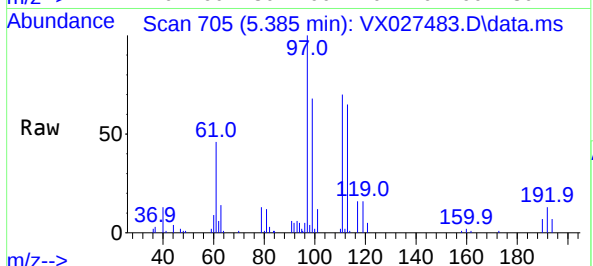
88 15.5 0.0 32.4





#35
Dibromofluoromethane
Concen: 4.914 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

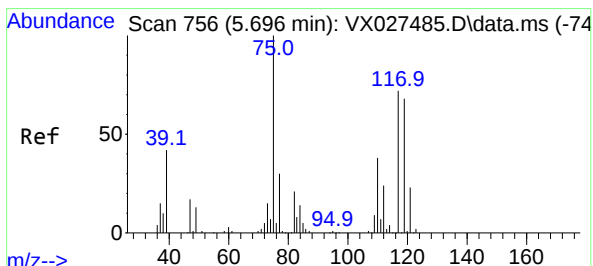
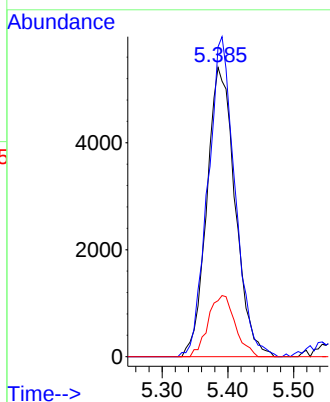
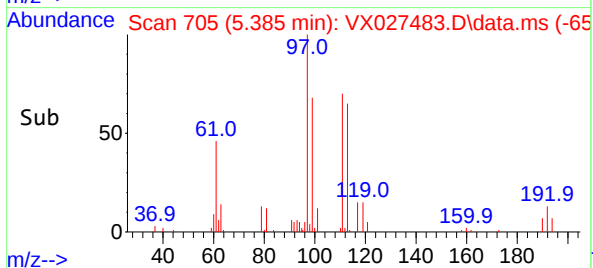
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 1623
Ion Ratio Lower Upper
113 100
111 105.5 82.8 124.2
192 20.2 16.9 25.3

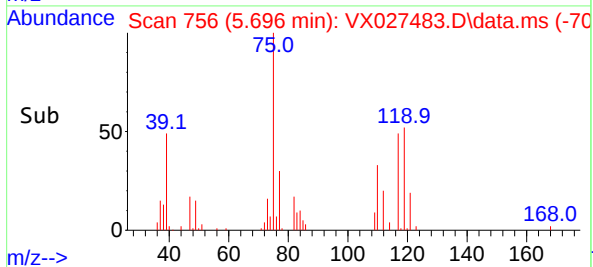
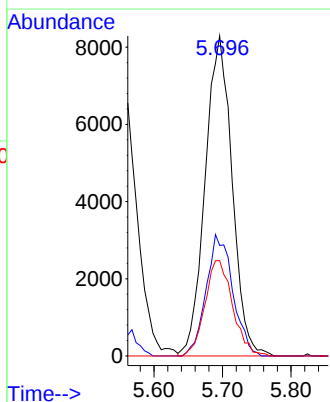
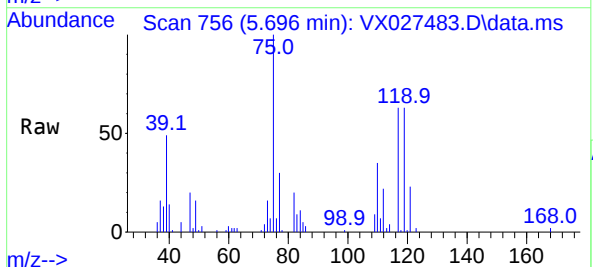
Manual Integrations
APPROVED

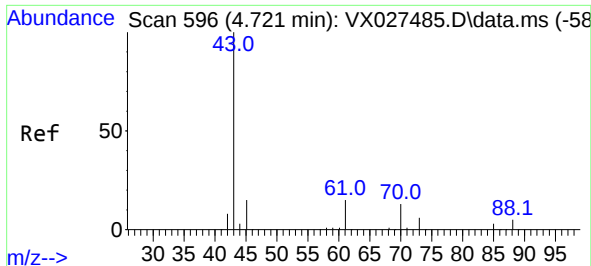
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#36
1,1-Dichloropropene
Concen: 4.938 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 75 Resp: 22648
Ion Ratio Lower Upper
75 100
110 37.6 18.3 54.8
77 30.6 24.8 37.2





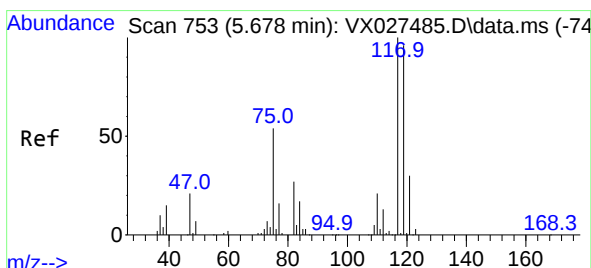
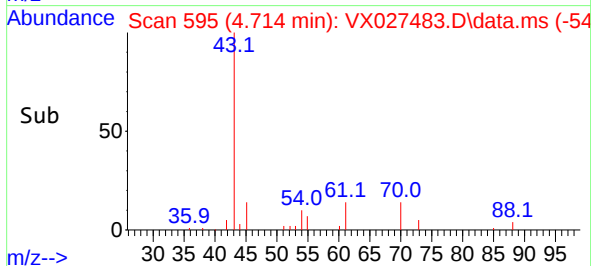
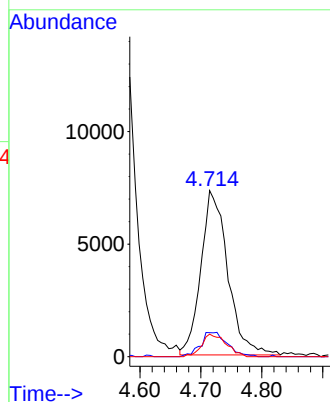
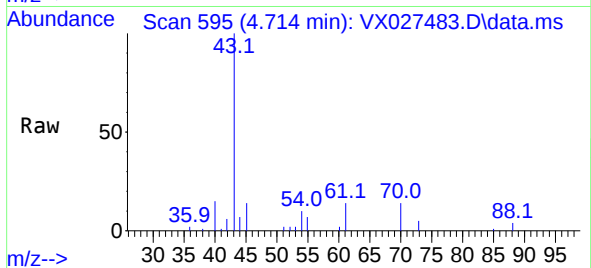
#37
Ethyl Acetate
Concen: 4.636 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22414
Ion Ratio Lower Upper
43 100
61 14.8 12.6 19.0
70 12.5 10.2 15.2

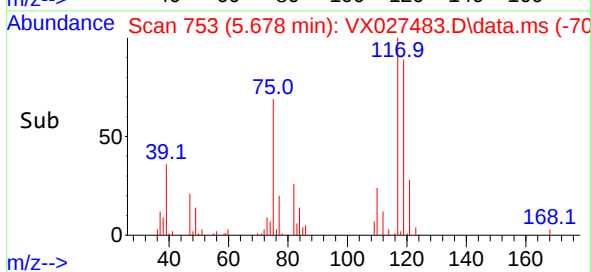
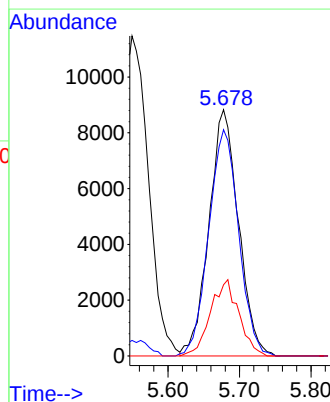
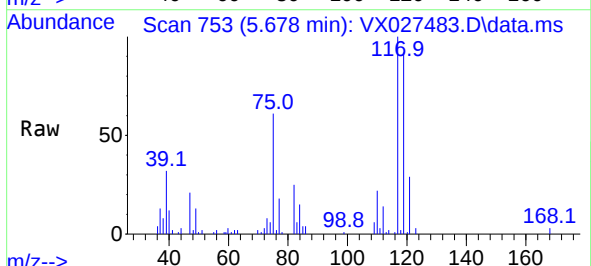
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion:117 Resp: 25274
Ion Ratio Lower Upper
117 100
119 91.9 77.3 115.9
121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 5.004 ug/l

RT: 7.378 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2898

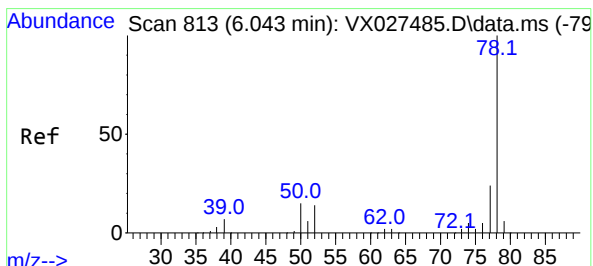
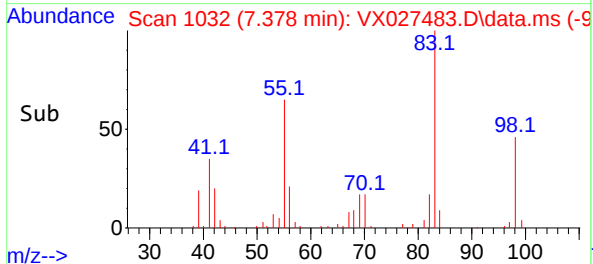
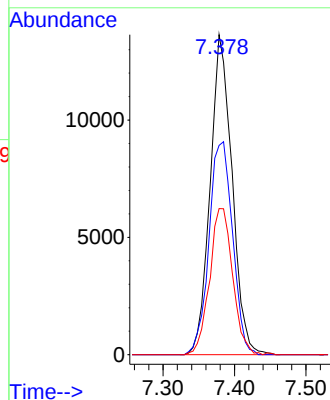
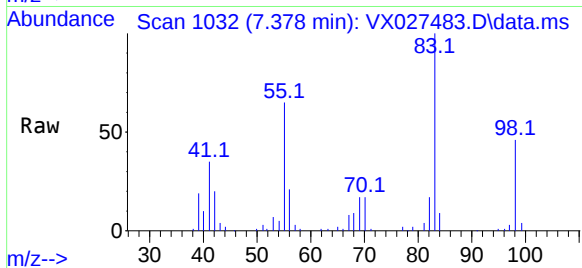
Ion	Ratio	Lower	Upper
83	100		
55	65.4	54.6	81.8
98	45.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#40

Benzene

Concen: 4.610 ug/l

RT: 6.037 min Scan# 812

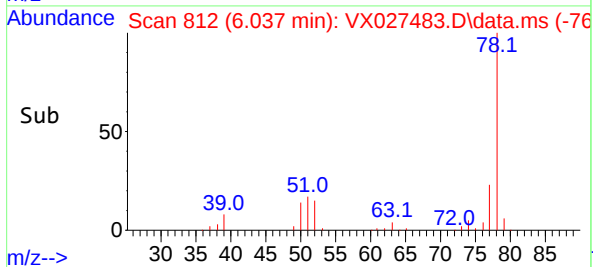
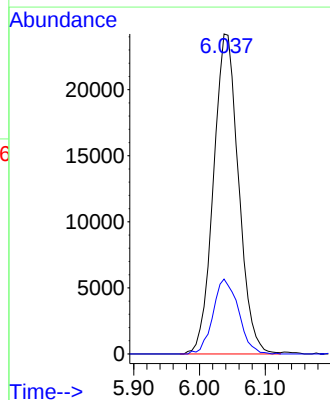
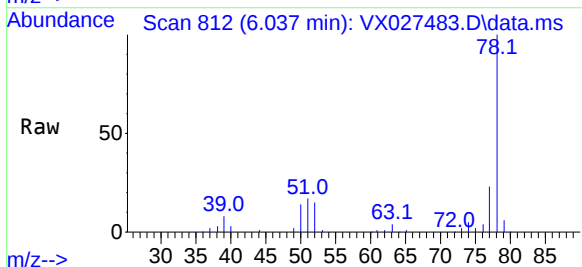
Delta R.T. -0.006 min

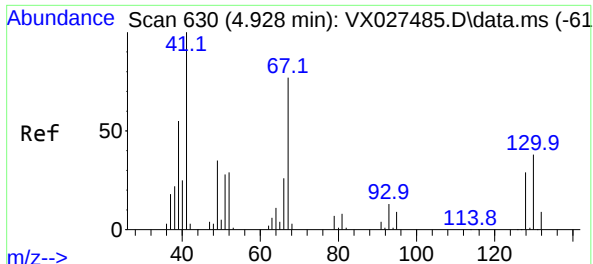
Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Tgt Ion: 78 Resp: 64391

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





#41
Methacrylonitrile
Concen: 4.665 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

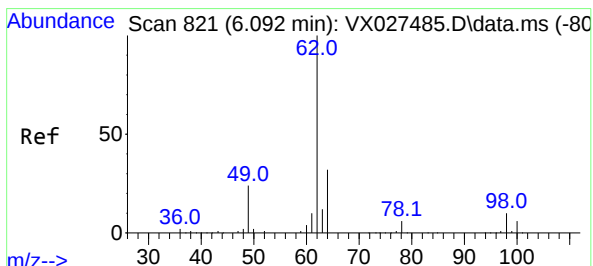
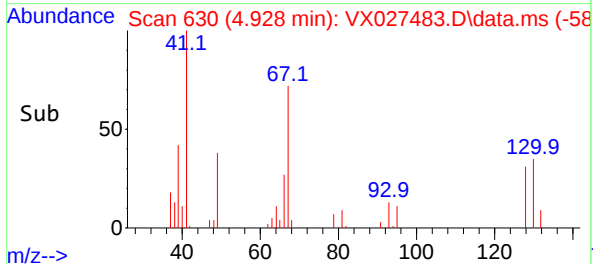
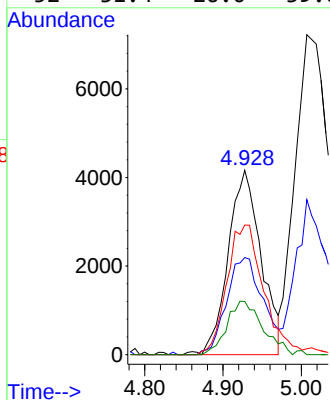
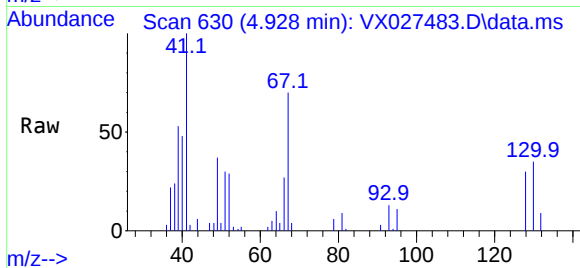
Tgt Ion: 41 Resp: 1215
Ion Ratio Lower Upper
41 100
39 58.0 43.0 64.4
67 78.2 70.2 105.4
52 31.4 26.0 39.0

Manual Integrations

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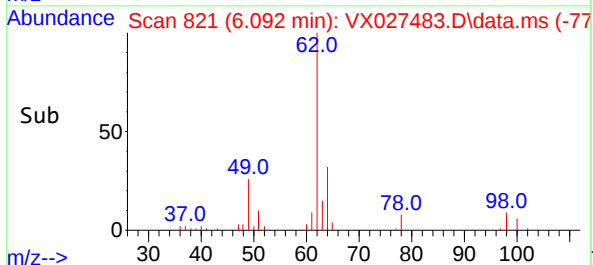
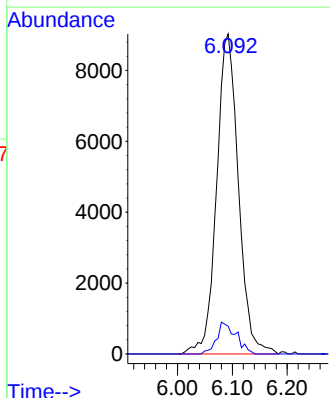
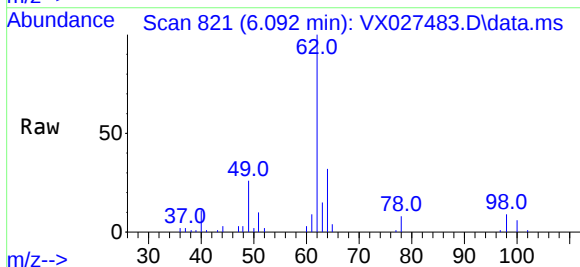
Reviewed By :John Carlone 03/18/2022

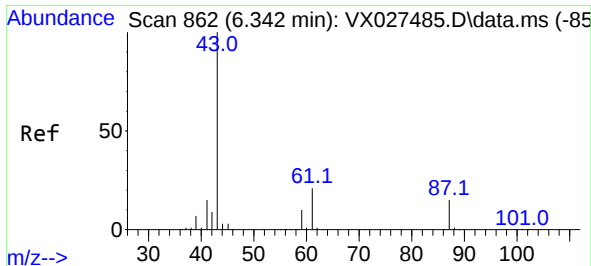
Supervised By :Mahesh Dadoda 03/18/2022



#42
1,2-Dichloroethane
Concen: 5.476 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 62 Resp: 24988
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 4.898 ug/l

RT: 6.348 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

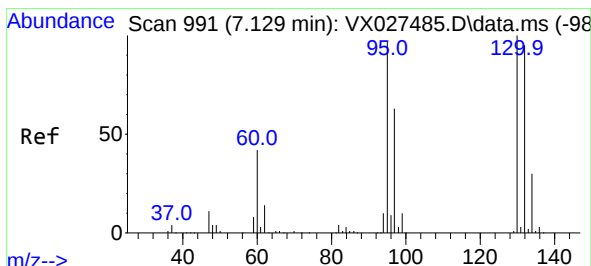
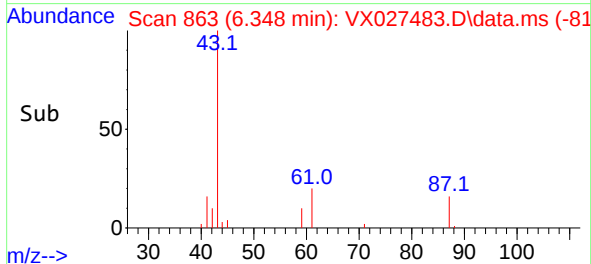
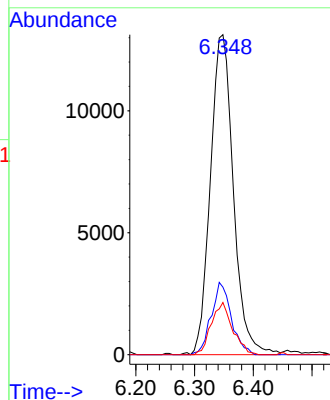
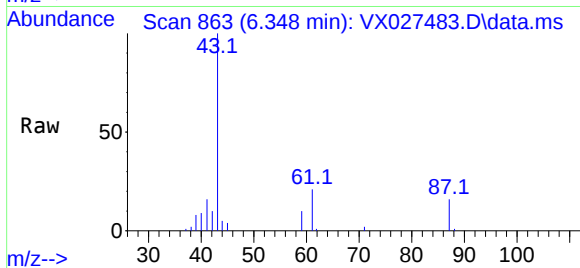
Tgt Ion: 43	Resp: 3569
Ion Ratio	Lower Upper
43 100	
61 19.7	18.5 27.7
87 15.1	13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#44

Trichloroethene

Concen: 5.502 ug/l

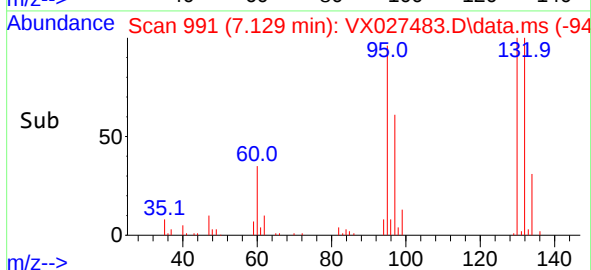
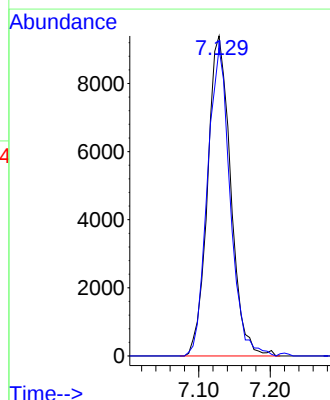
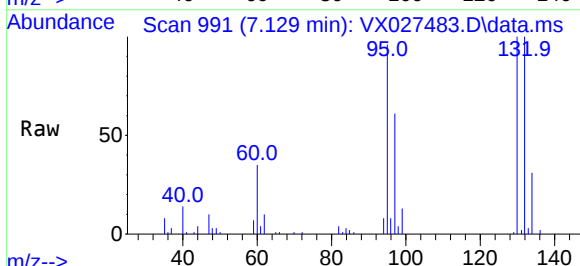
RT: 7.129 min Scan# 991

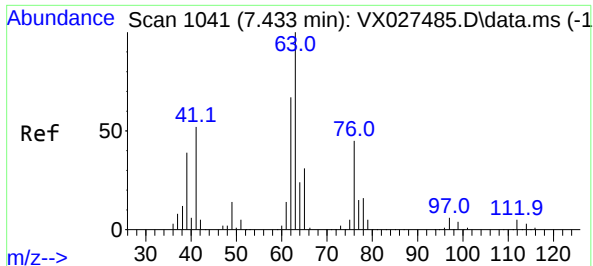
Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Tgt Ion:130	Resp: 21108
Ion Ratio	Lower Upper
130 100	
95 96.2	0.0 188.8





#45

1,2-Dichloropropane

Concen: 4.919 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 17218

Ion Ratio Lower Upper

63 100

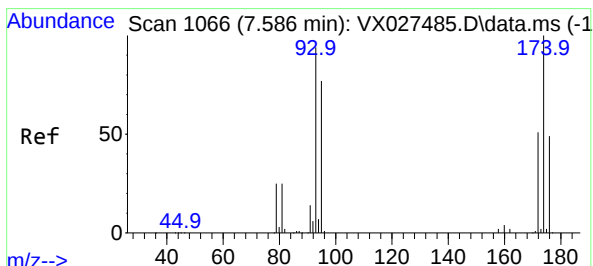
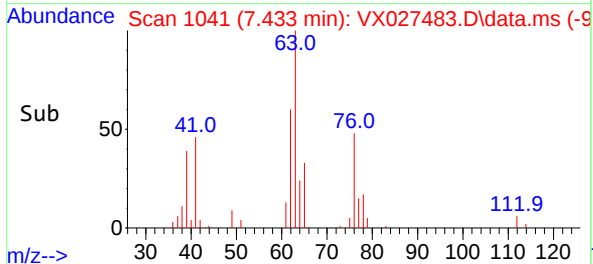
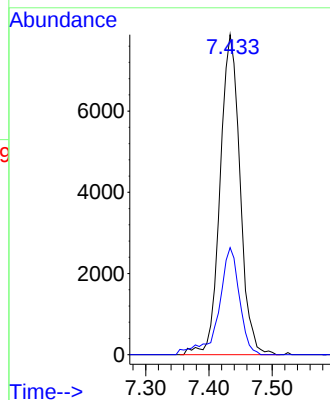
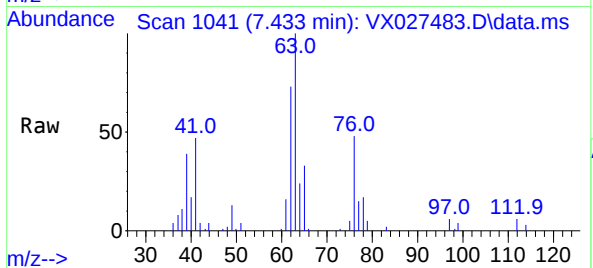
65 33.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#46

Dibromomethane

Concen: 5.364 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

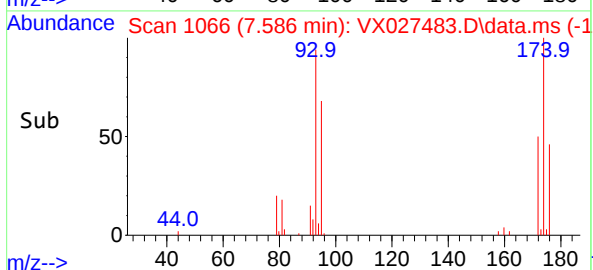
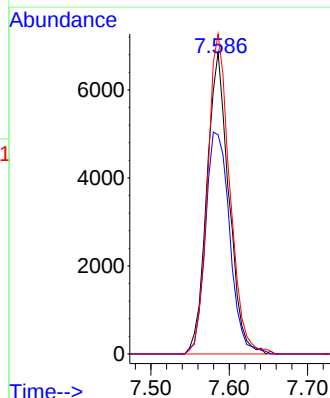
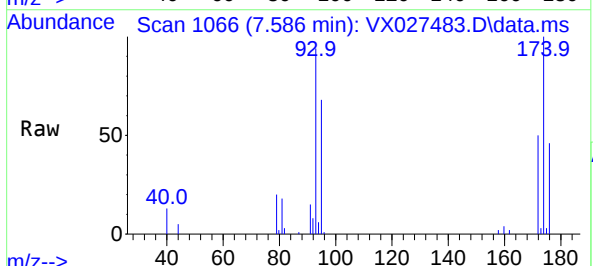
Tgt Ion: 93 Resp: 13356

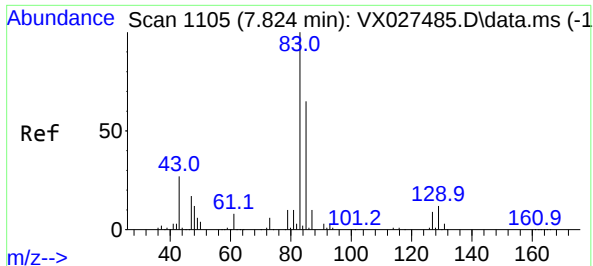
Ion Ratio Lower Upper

93 100

95 80.8 65.8 98.6

174 107.0 85.4 128.2





#47
Bromodichloromethane
Concen: 5.171 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

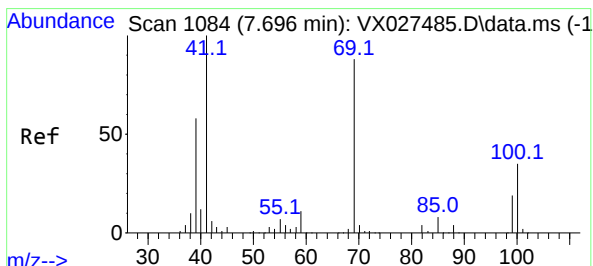
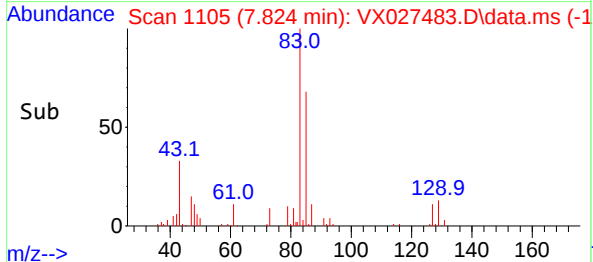
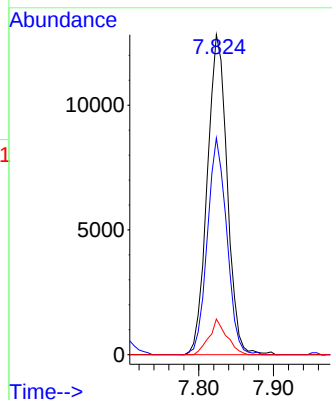
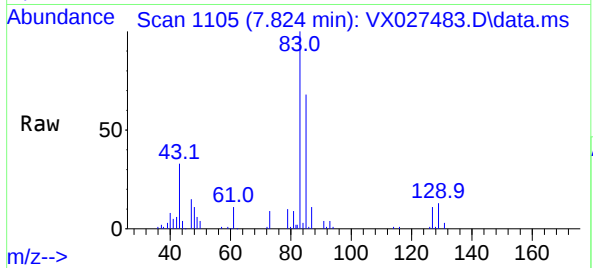
Tgt Ion: 83 Resp: 23779
Ion Ratio Lower Upper
83 100
85 67.7 52.2 78.2
127 11.2 6.8 10.2

Manual Integrations

APPROVED

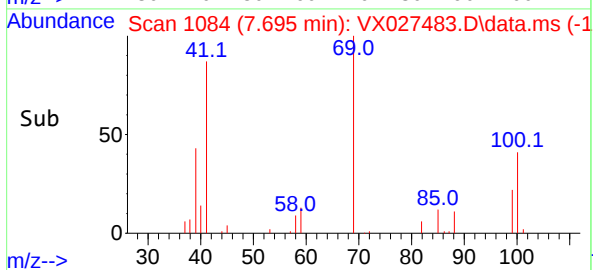
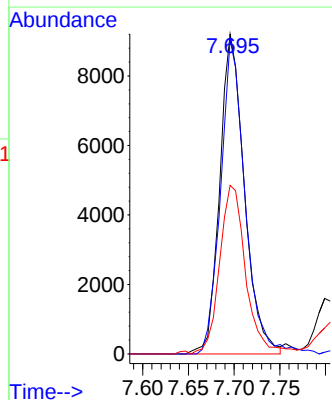
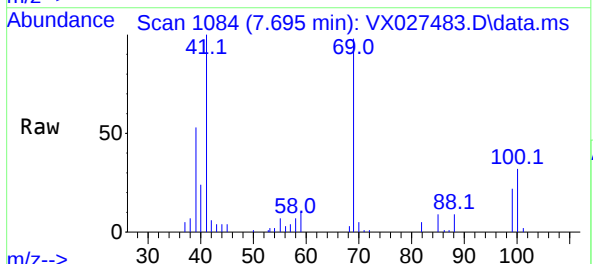
Reviewed By :John Carlone 03/18/2022

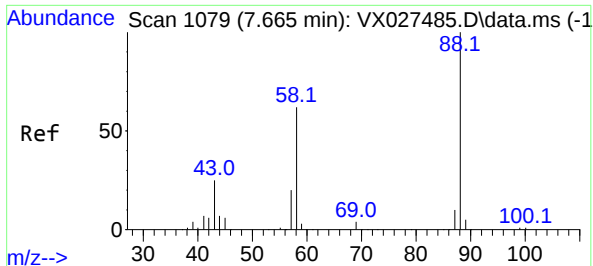
Supervised By :Mahesh Dadoda 03/18/2022



#48
Methyl methacrylate
Concen: 4.772 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 41 Resp: 17292
Ion Ratio Lower Upper
41 100
69 97.8 82.5 123.7
39 55.9 43.8 65.8





#49

1,4-Dioxane

Concen: 103.513 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 982

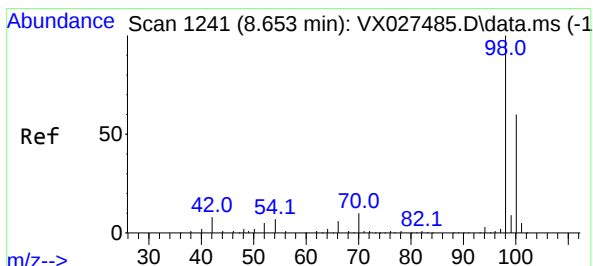
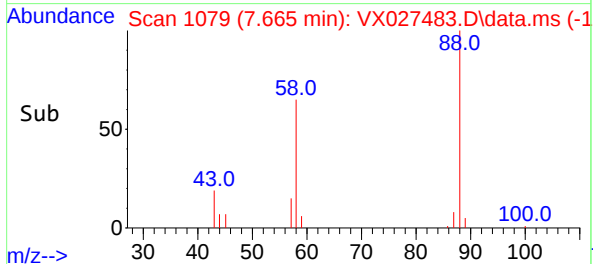
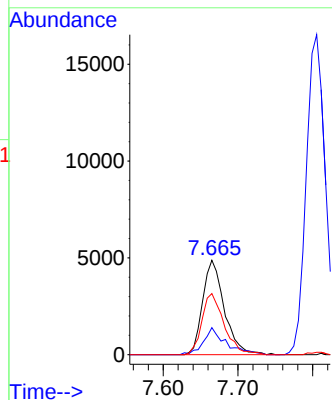
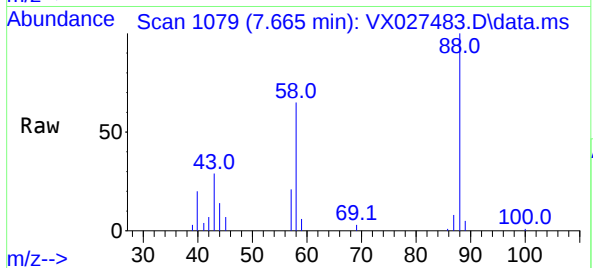
Ion	Ratio	Lower	Upper
88	100		
43	29.4	21.9	32.9
58	66.4	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#50

Toluene-d8

Concen: 4.825 ug/l

RT: 8.653 min Scan# 1241

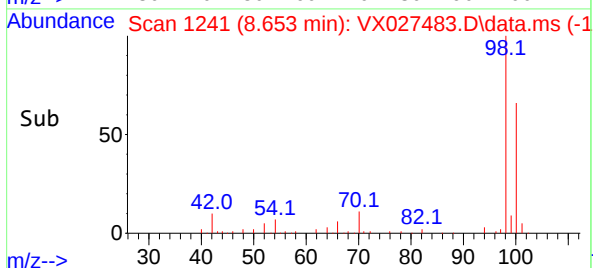
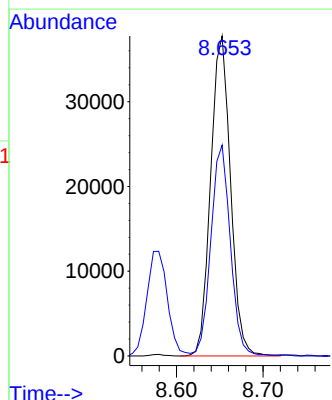
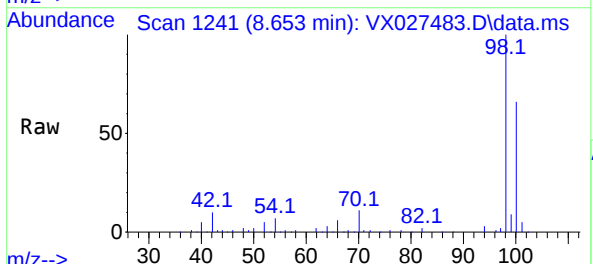
Delta R.T. -0.000 min

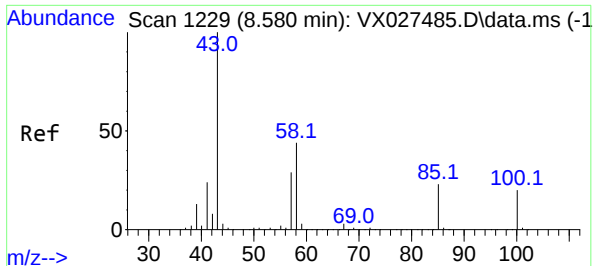
Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Tgt Ion: 98 Resp: 60168

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 23.928 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 11674

Ion Ratio Lower Upper

43 100

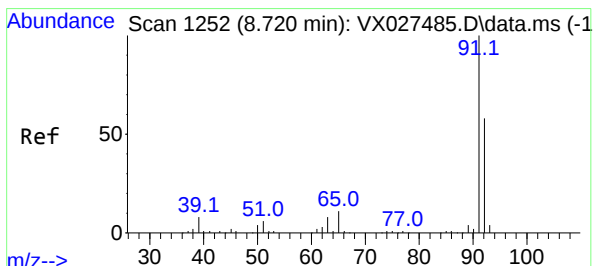
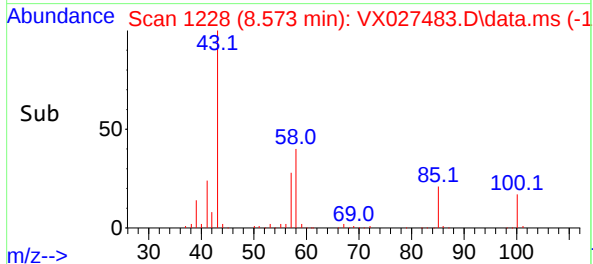
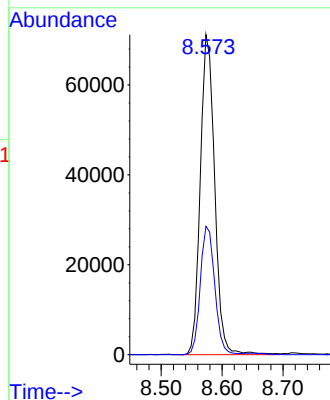
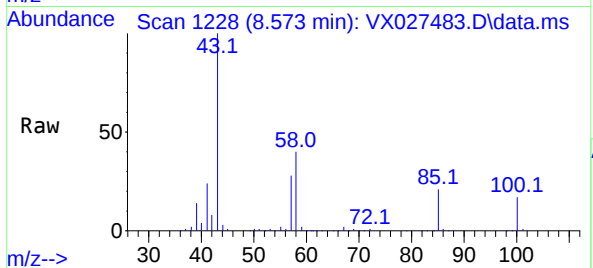
58 40.2 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#52

Toluene

Concen: 4.795 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX027483.D

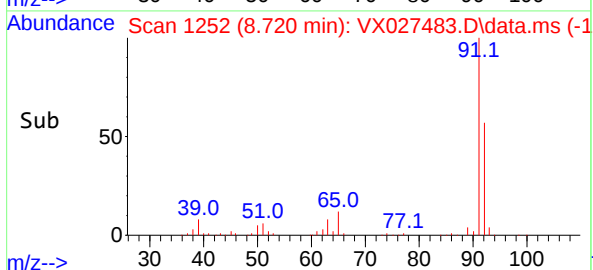
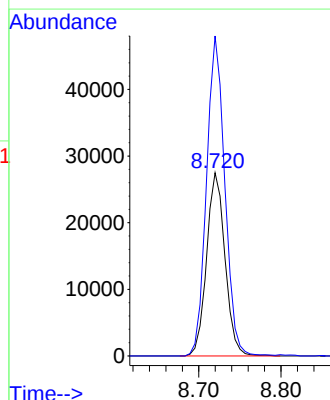
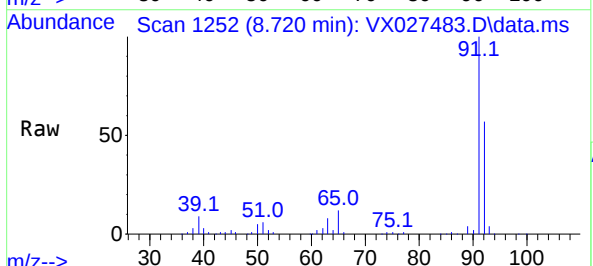
Acq: 17 Mar 2022 12:36

Tgt Ion: 92 Resp: 42695

Ion Ratio Lower Upper

92 100

91 173.8 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 4.732 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

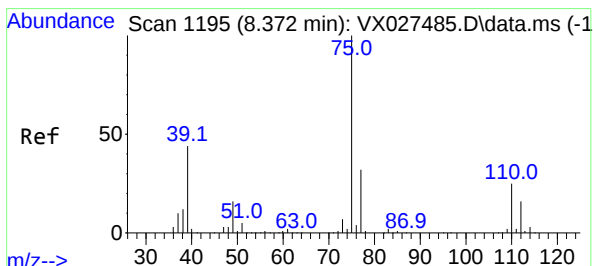
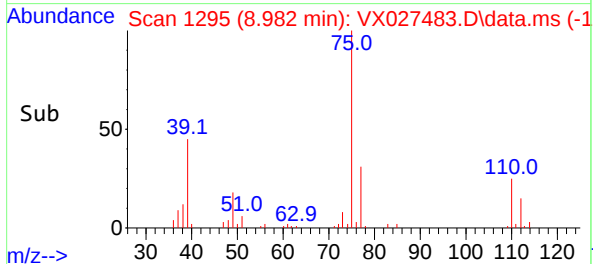
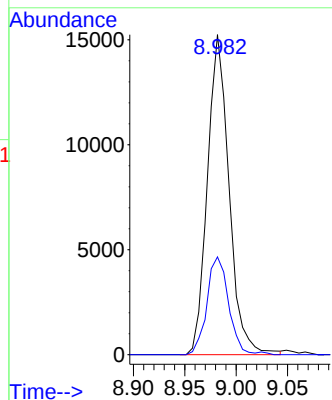
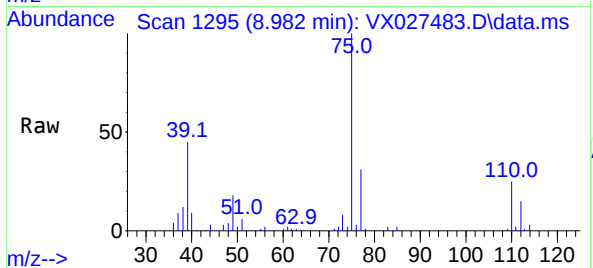
VSTDIC005

Tgt Ion: 75 Resp: 22329
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations

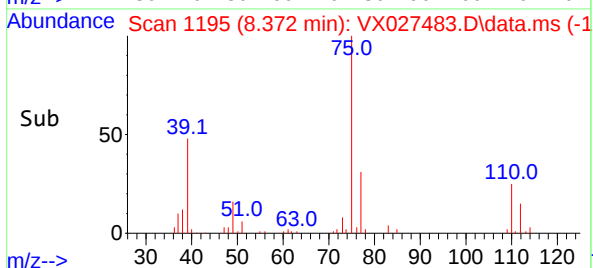
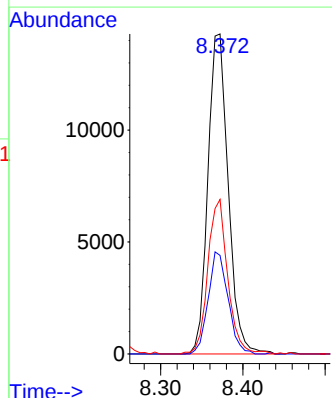
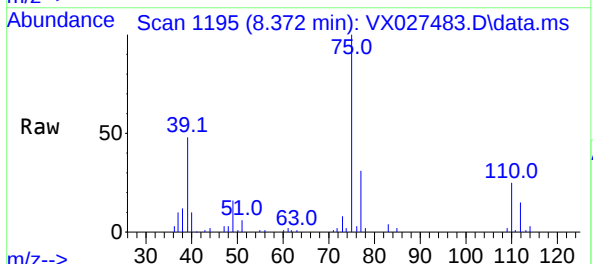
APPROVED

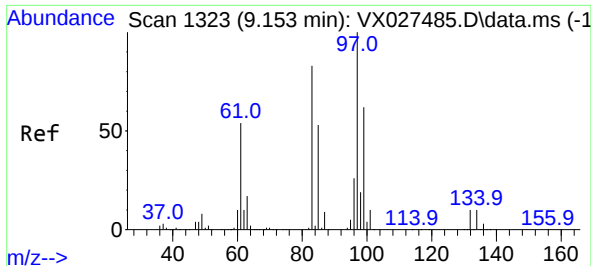
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
cis-1,3-Dichloropropene
Concen: 4.625 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 75 Resp: 24498
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 48.3 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 4.671 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

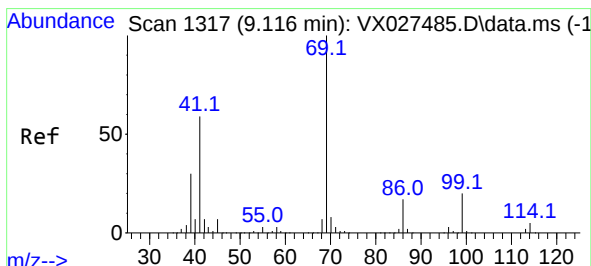
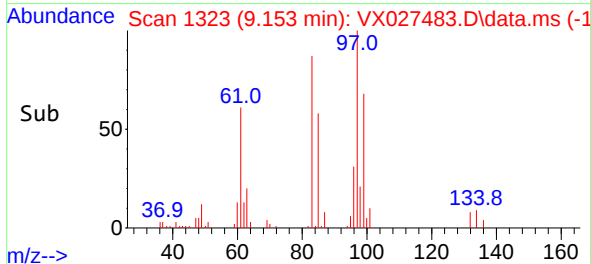
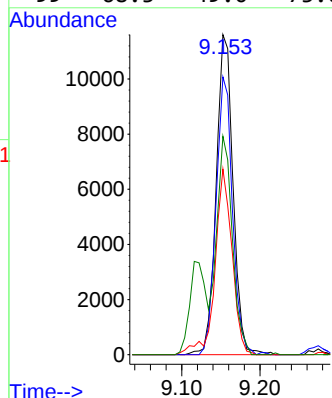
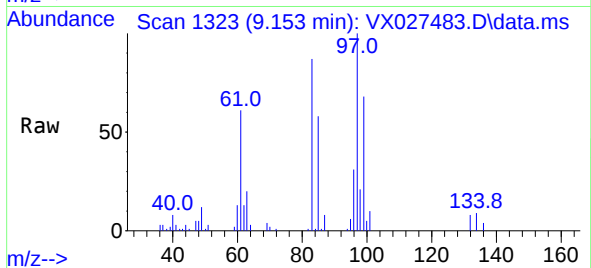
Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 97 Resp: 17360

Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.2	99.4
85	58.0	42.9	64.3
99	68.3	49.0	73.6

Manual Integrations
APPROVED

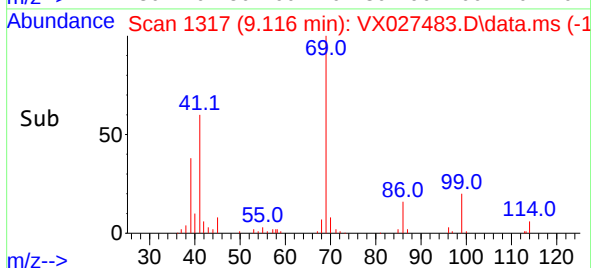
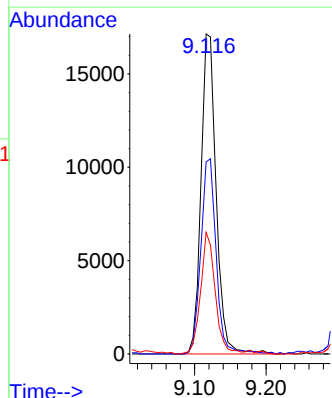
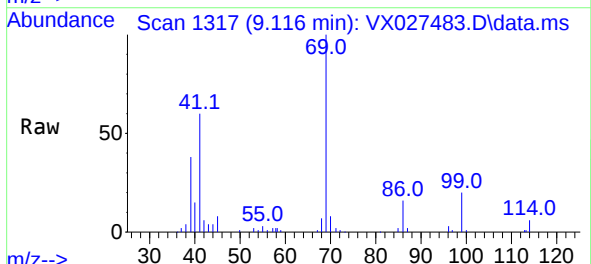
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

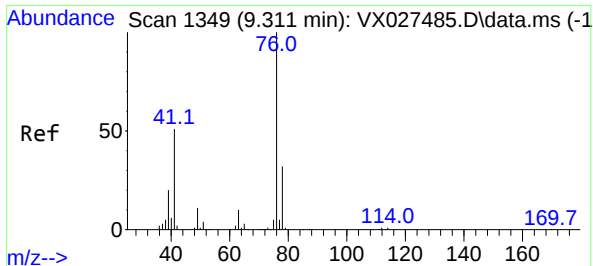


#56
Ethyl methacrylate
Concen: 4.601 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 69 Resp: 25219

Ion	Ratio	Lower	Upper
69	100		
41	62.0	43.8	65.6
39	36.8	22.2	33.2





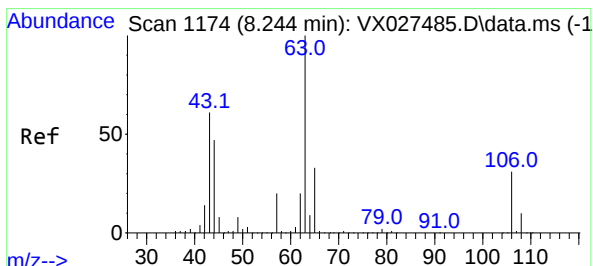
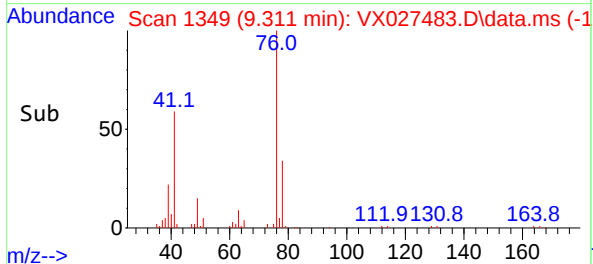
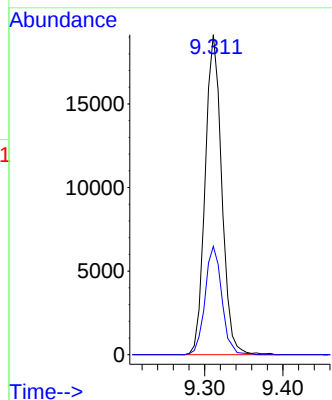
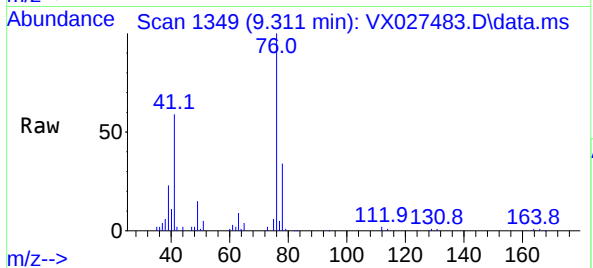
#57
1,3-Dichloropropane
Concen: 4.682 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2808
Ion Ratio Lower Upper
76 100
78 34.2 25.8 38.8

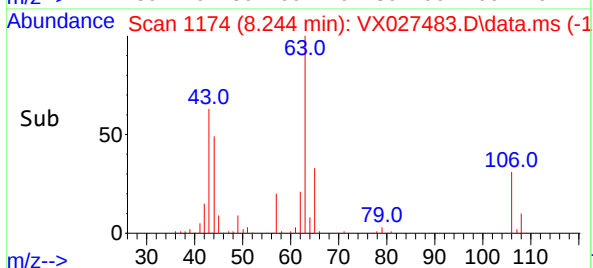
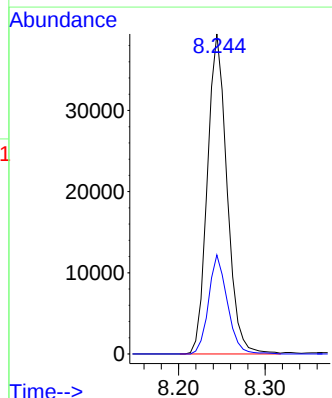
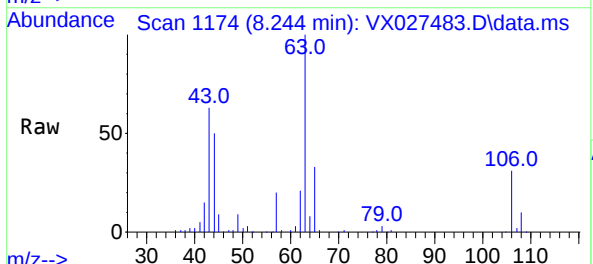
Manual Integrations
APPROVED

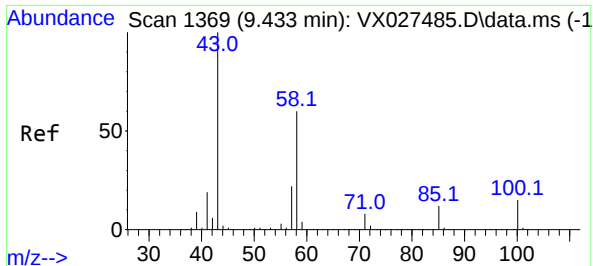
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 22.477 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 63 Resp: 62207
Ion Ratio Lower Upper
63 100
106 29.5 23.9 35.9





#59

2-Hexanone

Concen: 23.561 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 88790

Ion Ratio Lower Upper

43 100

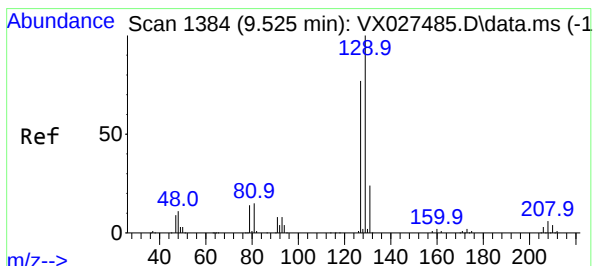
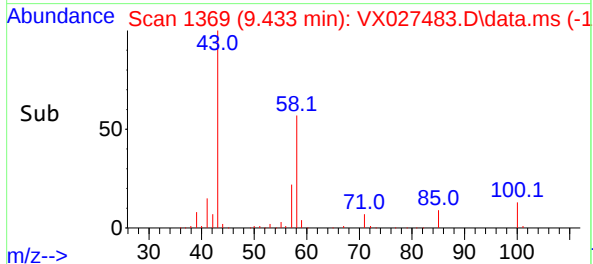
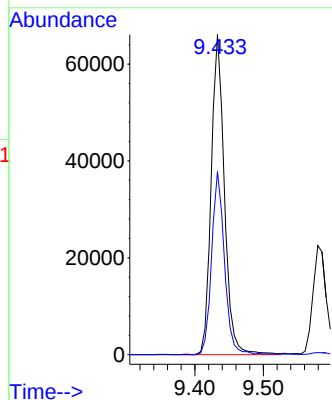
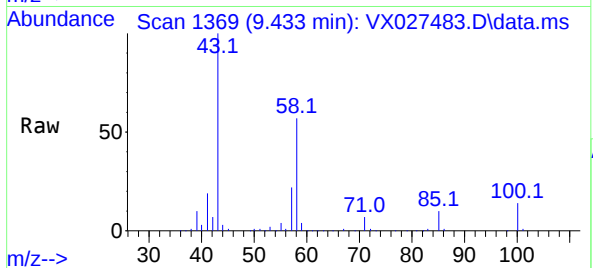
58 55.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#60

Dibromochloromethane

Concen: 4.838 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX027483.D

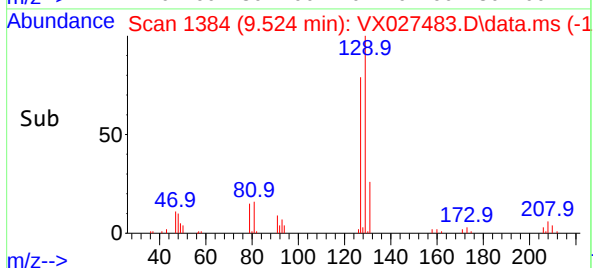
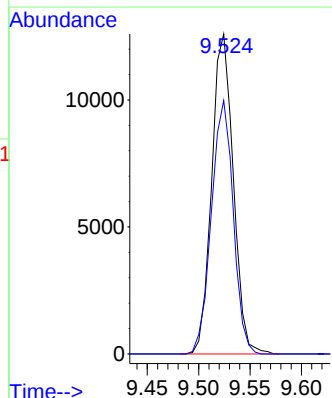
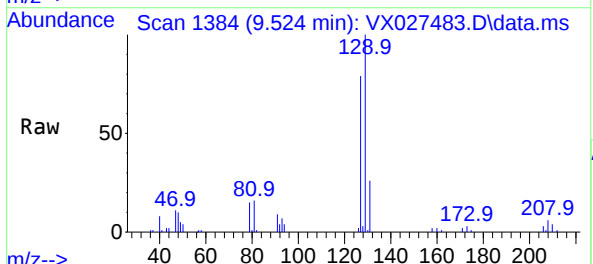
Acq: 17 Mar 2022 12:36

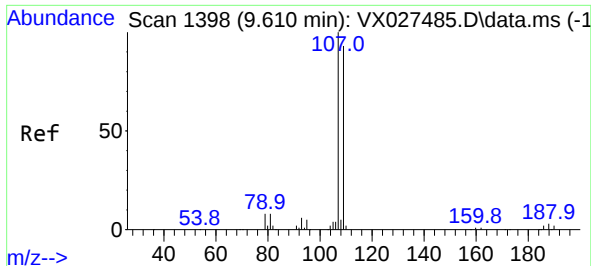
Tgt Ion:129 Resp: 18351

Ion Ratio Lower Upper

129 100

127 80.2 40.3 120.8





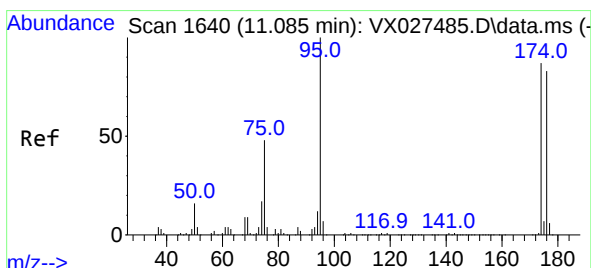
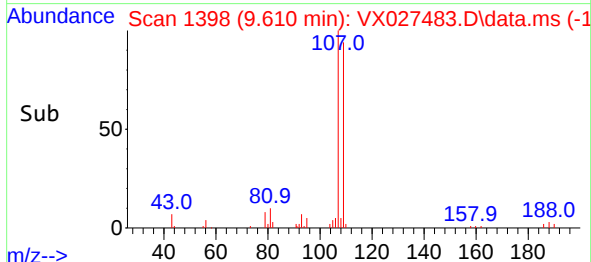
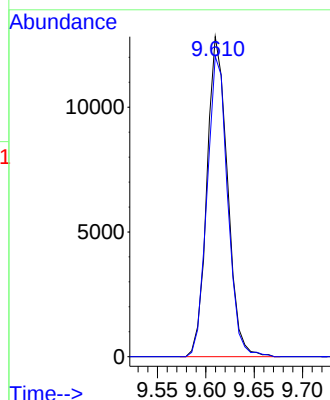
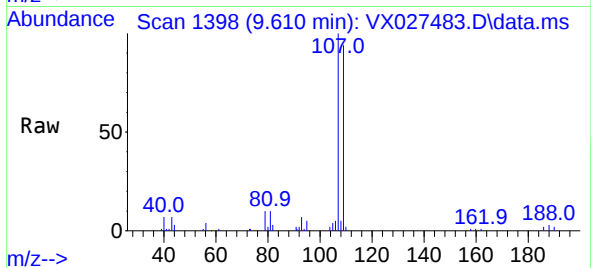
#61
1,2-Dibromoethane
Concen: 4.941 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 1896
Ion Ratio Lower Upper
107 100
109 94.1 74.4 111.6

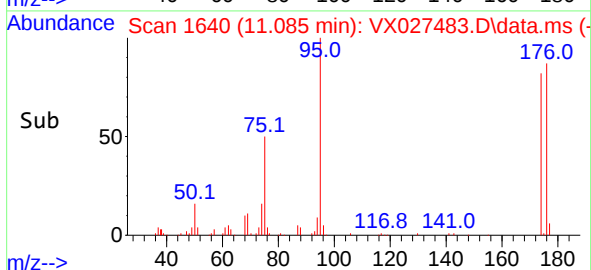
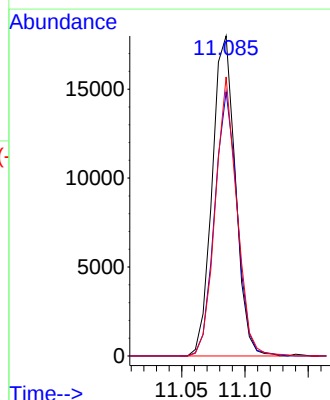
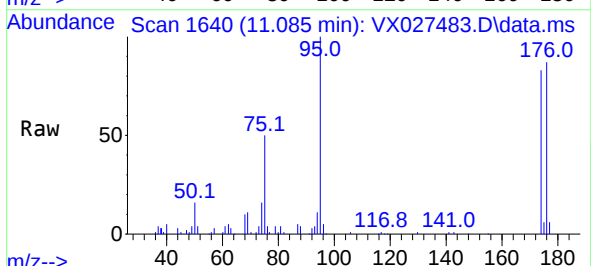
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
4-Bromofluorobenzene
Concen: 4.826 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

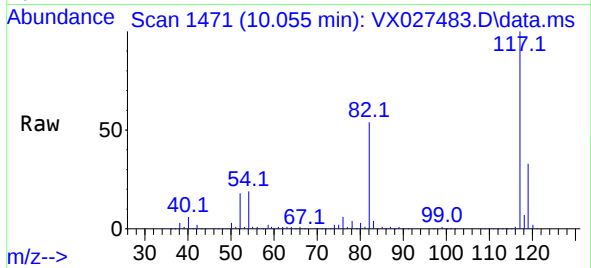
Tgt Ion: 95 Resp: 22936
Ion Ratio Lower Upper
95 100
174 80.3 0.0 163.0
176 81.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

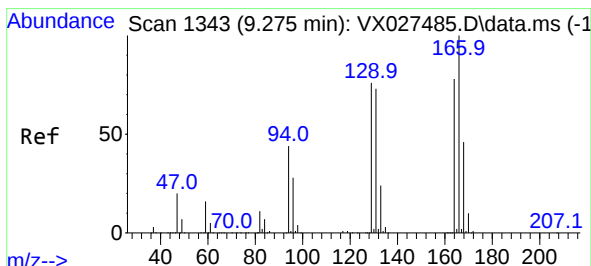
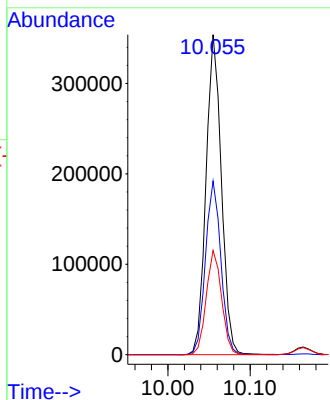
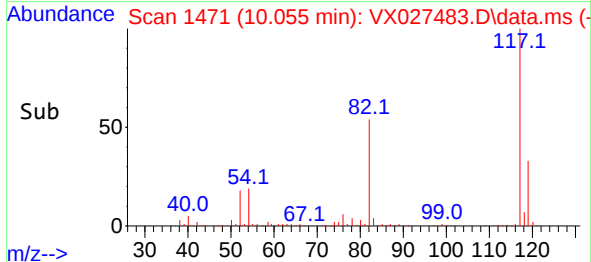
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



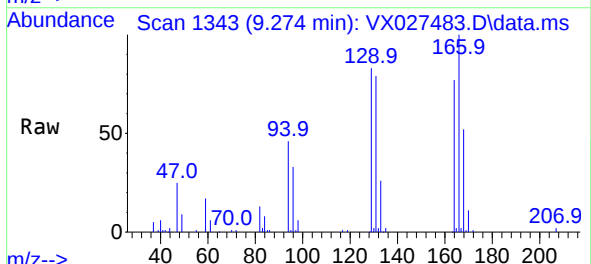
Tgt Ion:117 Resp: 45858
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.5 24.8 37.2

Manual Integrations
APPROVED

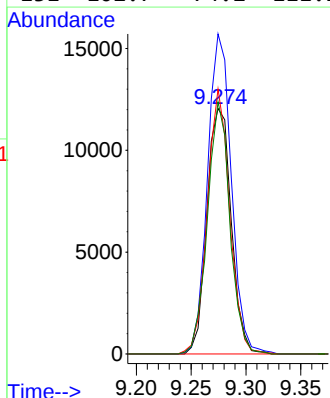
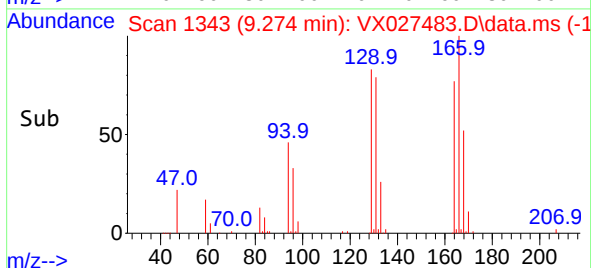
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

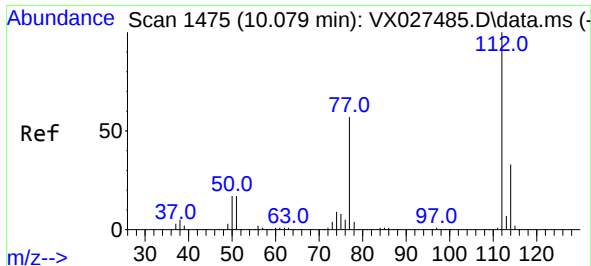


#64
Tetrachloroethene
Concen: 5.797 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



Tgt Ion:164 Resp: 18631
Ion Ratio Lower Upper
164 100
166 130.4 101.2 151.8
129 108.0 73.0 109.4
131 102.7 74.2 111.2





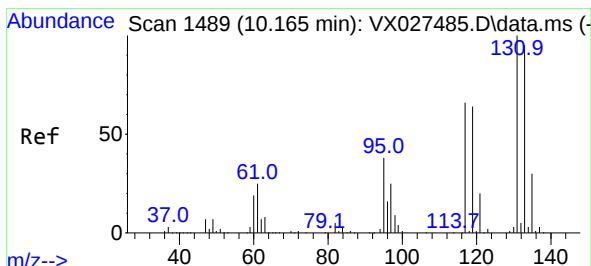
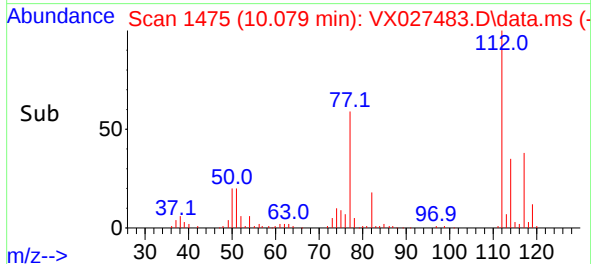
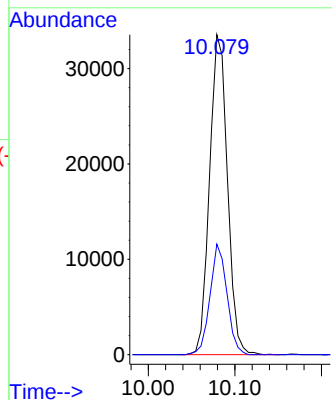
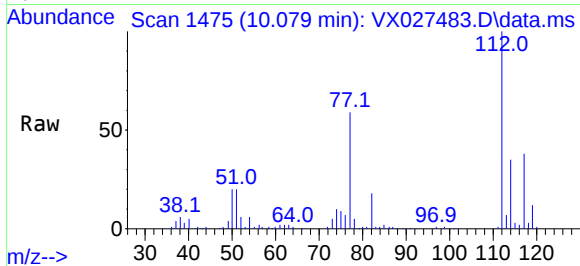
#65
Chlorobenzene
Concen: 4.982 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 48070
Ion Ratio Lower Upper
112 100
114 34.5 25.8 38.8

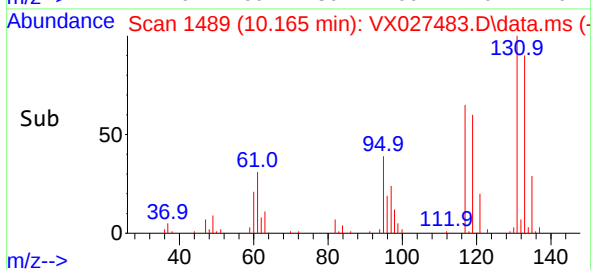
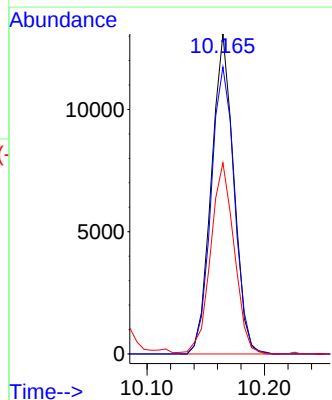
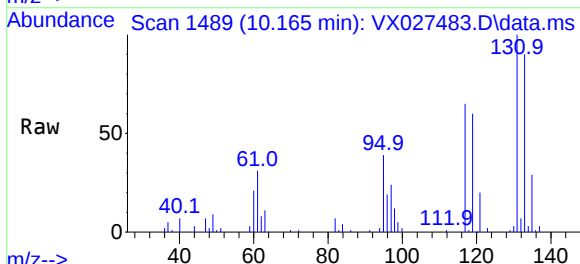
Manual Integrations
APPROVED

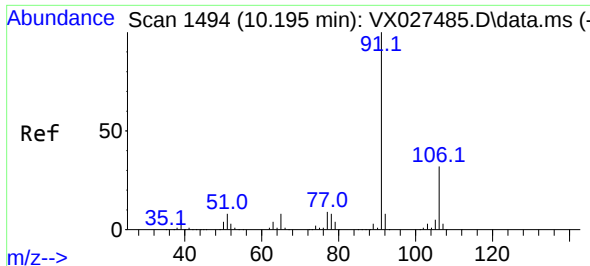
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.134 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

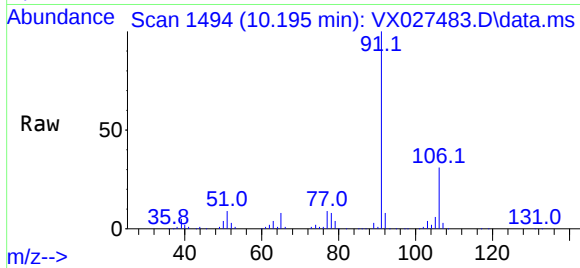
Tgt Ion:131 Resp: 17317
Ion Ratio Lower Upper
131 100
133 94.2 48.3 144.8
119 62.9 32.6 98.0





#67
Ethyl Benzene
Concen: 5.013 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

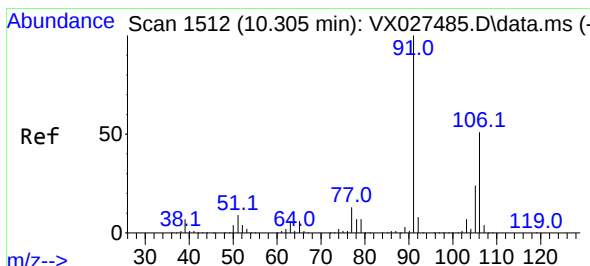
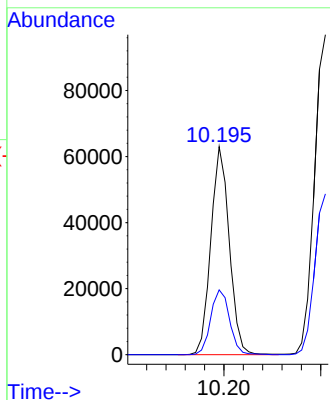
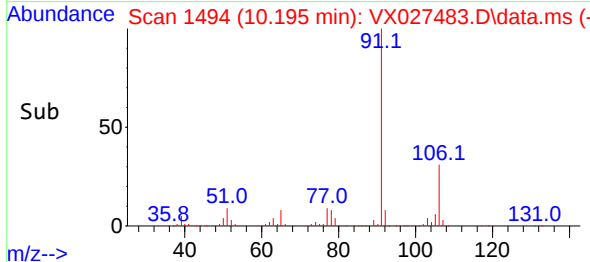
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



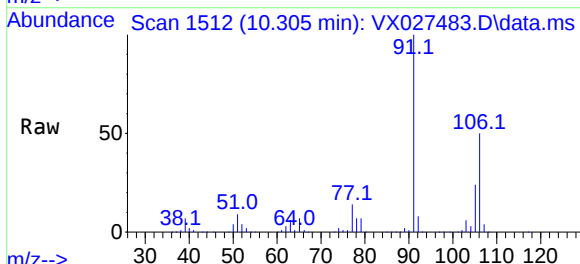
Tgt Ion: 91 Resp: 83400
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

Manual Integrations
APPROVED

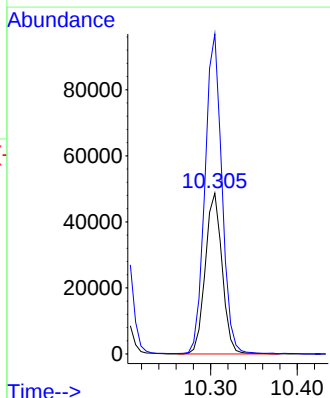
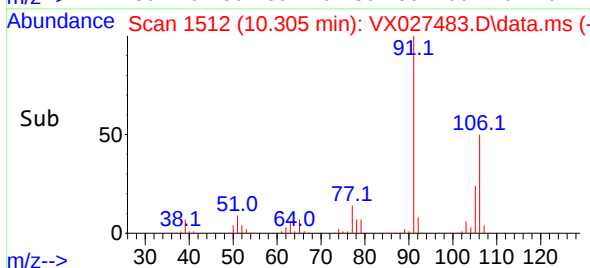
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

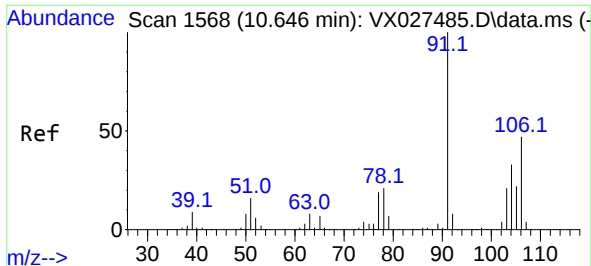


#68
m/p-Xylenes
Concen: 10.052 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



Tgt Ion:106 Resp: 65602
Ion Ratio Lower Upper
106 100
91 200.2 160.4 240.6





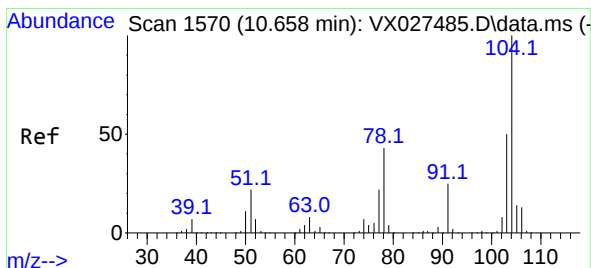
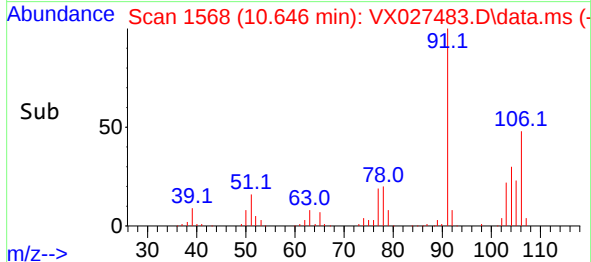
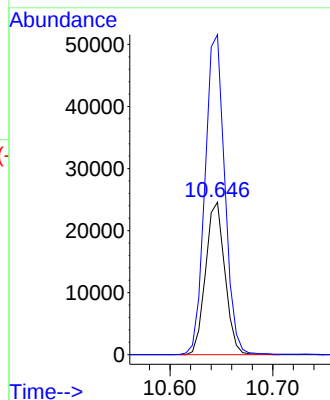
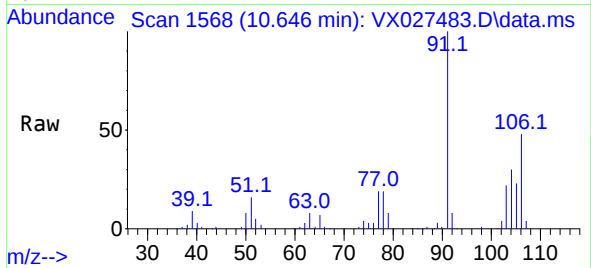
#69
o-Xylene
Concen: 4.988 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 32140
Ion Ratio Lower Upper
106 100
91 214.7 106.1 318.1

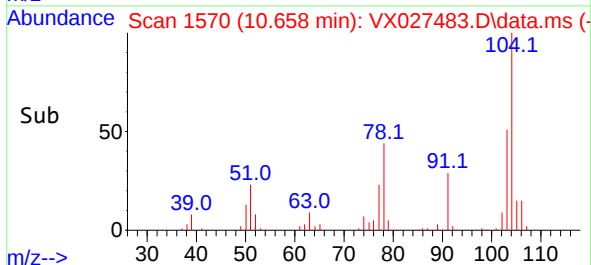
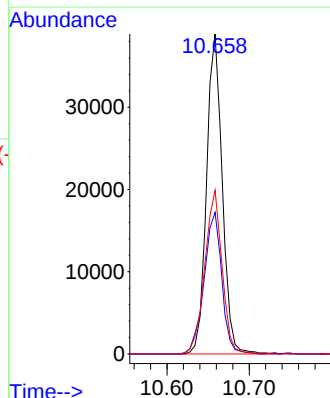
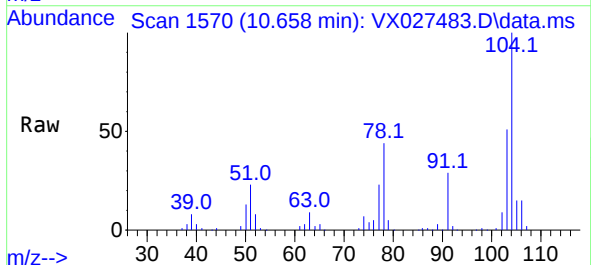
Manual Integrations
APPROVED

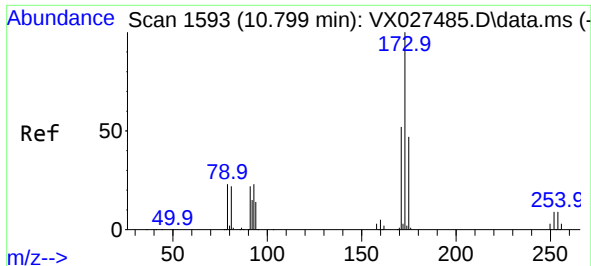
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
Styrene
Concen: 4.829 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

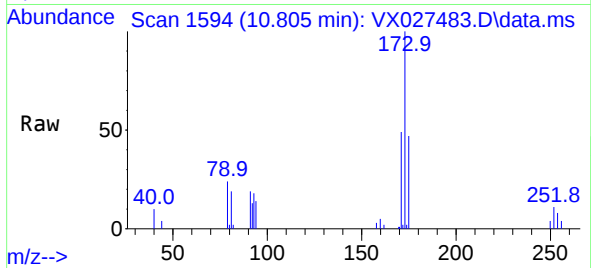
Tgt Ion:104 Resp: 51651
Ion Ratio Lower Upper
104 100
78 49.8 38.6 57.8
103 56.6 43.8 65.8





#71
Bromoform
Concen: 4.996 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

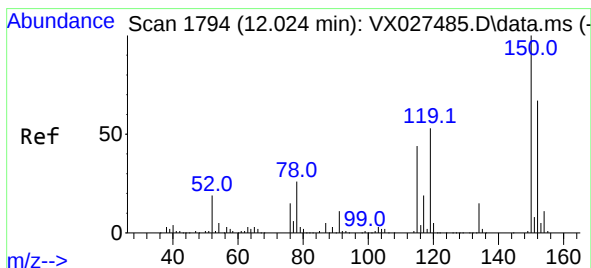
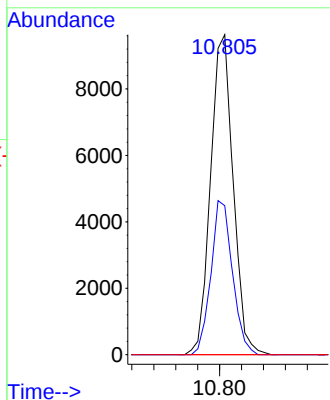
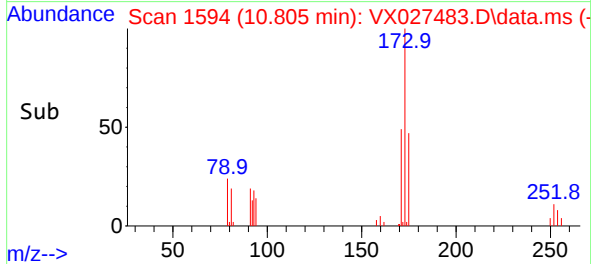
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



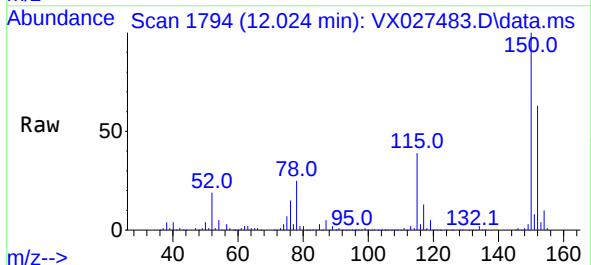
Tgt Ion:173 Resp: 13764
Ion Ratio Lower Upper
173 100
175 46.1 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

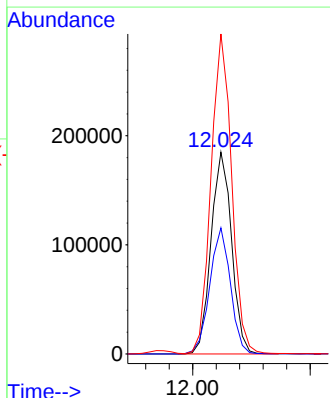
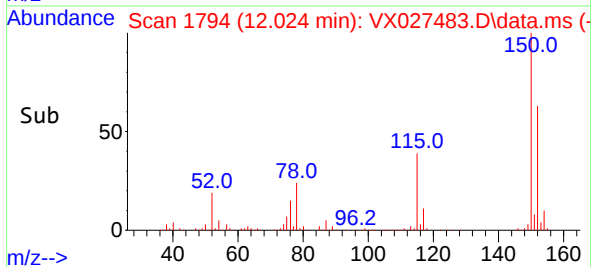
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

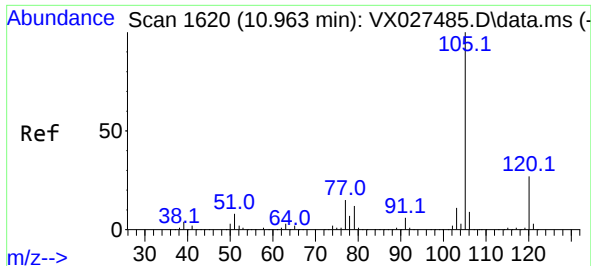


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



Tgt Ion:152 Resp: 225123
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 158.7 0.0 338.2





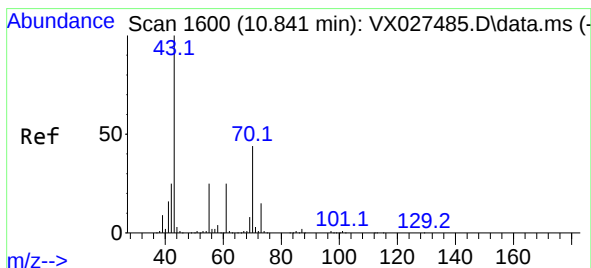
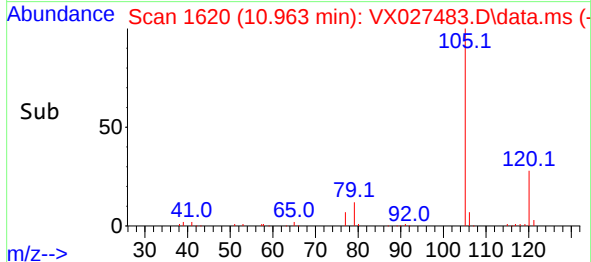
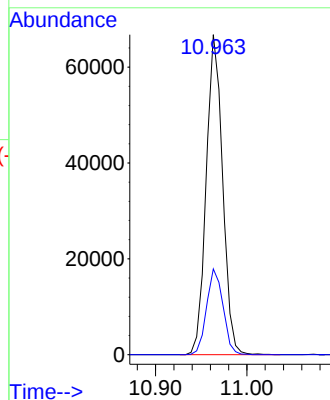
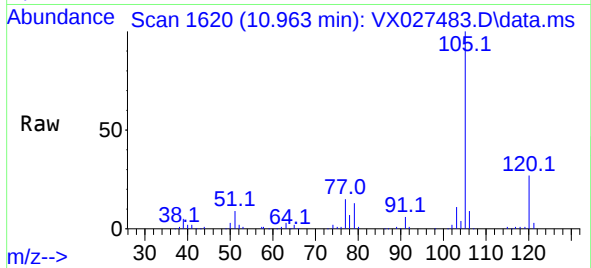
#73
Isopropylbenzene
Concen: 5.063 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 83354
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

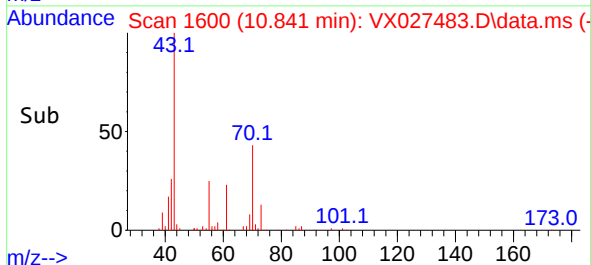
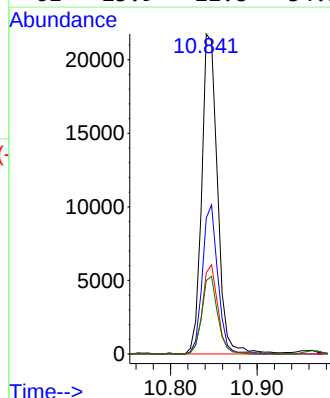
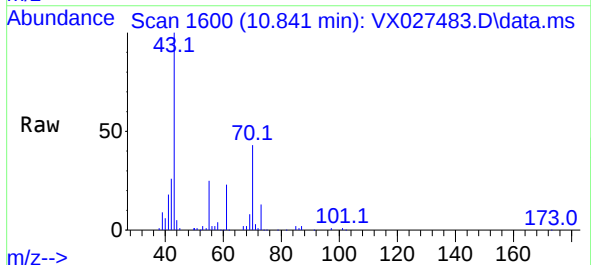
Manual Integrations
APPROVED

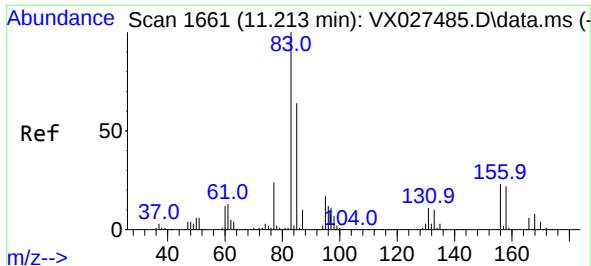
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#74
N-ethyl acetate
Concen: 4.599 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 43 Resp: 27674
Ion Ratio Lower Upper
43 100
70 45.0 42.5 63.7
55 27.2 23.1 34.7
61 23.9 22.8 34.2





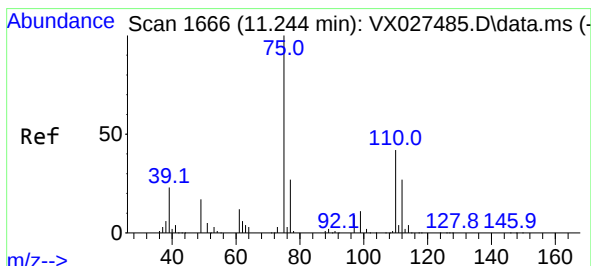
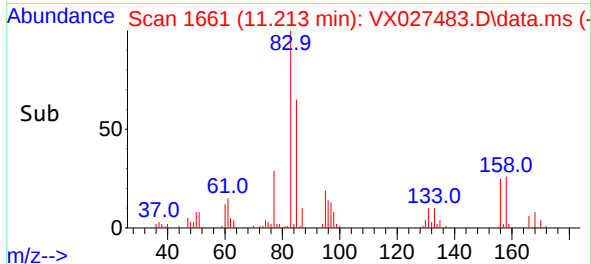
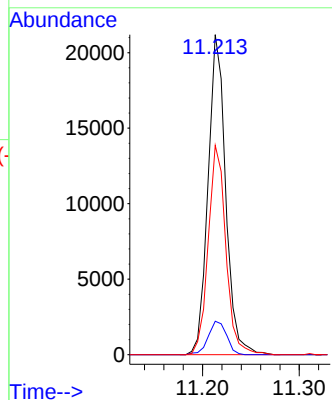
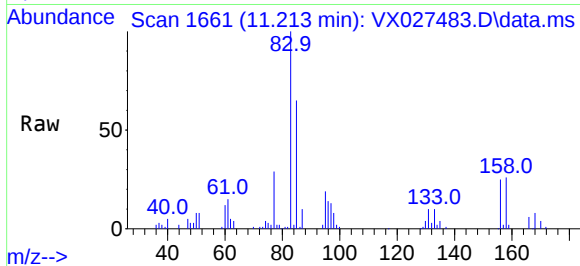
#75
1,1,2,2-Tetrachloroethane
Concen: 4.756 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2690
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 65.5 32.6 97.7

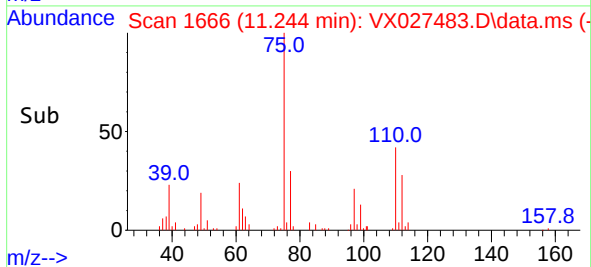
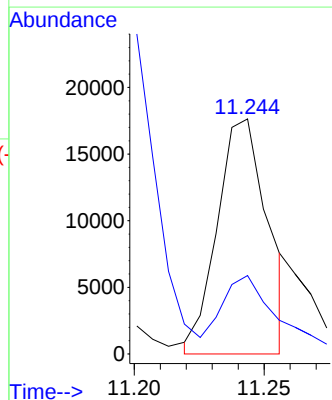
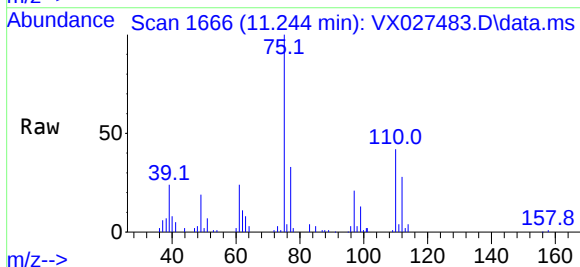
Manual Integrations
APPROVED

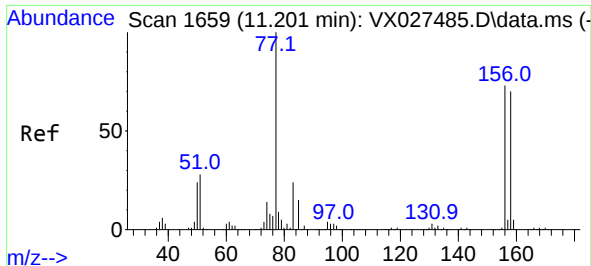
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#76
1,2,3-Trichloropropane
Concen: 4.817 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

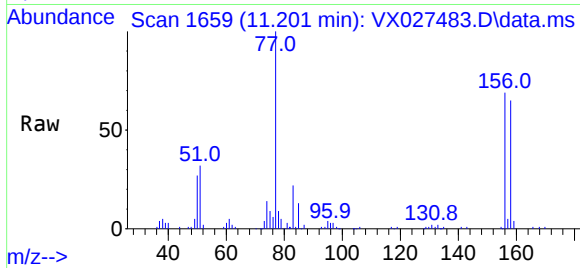
Tgt Ion: 75 Resp: 23792
Ion Ratio Lower Upper
75 100
77 38.3 19.4 58.2





#77
Bromobenzene
Concen: 5.092 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

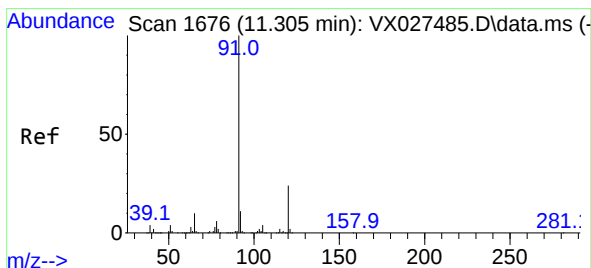
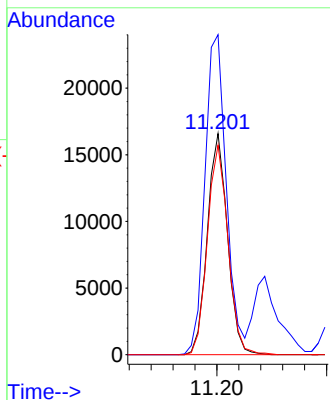
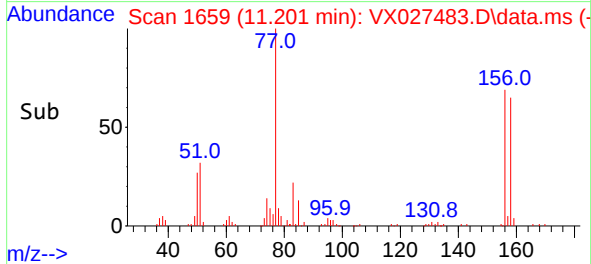
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



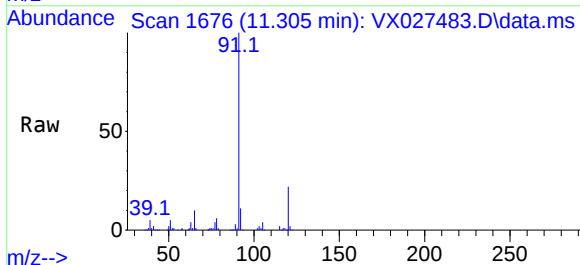
Tgt Ion:156 Resp: 2115
Ion Ratio Lower Upper
156 100
77 153.1 78.5 235.3
158 97.1 50.2 150.7

Manual Integrations
APPROVED

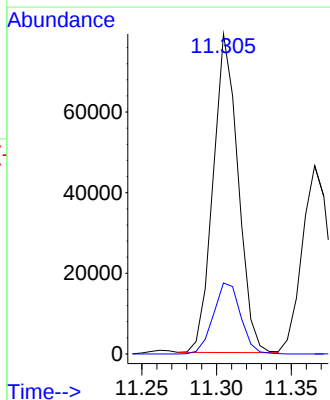
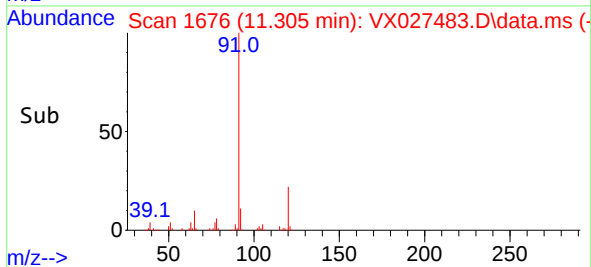
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

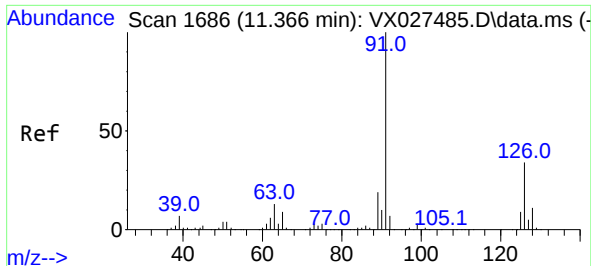


#78
n-propylbenzene
Concen: 4.955 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36



Tgt Ion: 91 Resp: 91765
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8





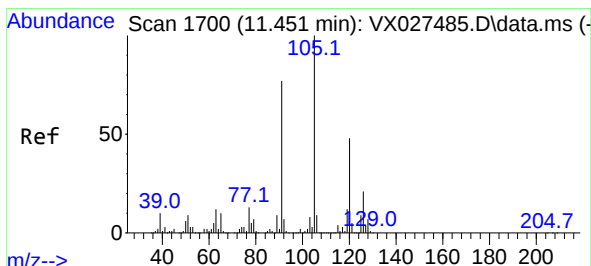
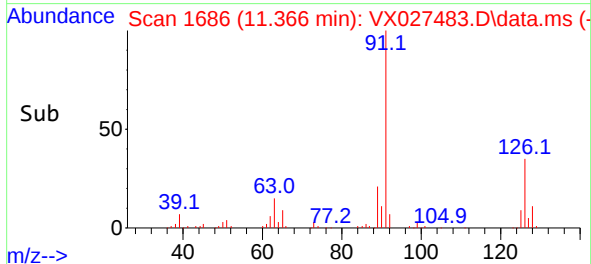
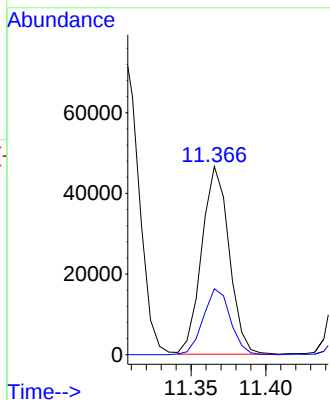
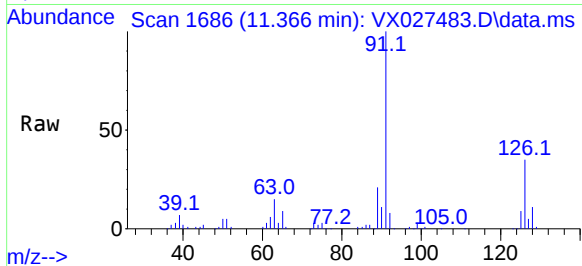
#79
2-Chlorotoluene
Concen: 5.117 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 59230
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

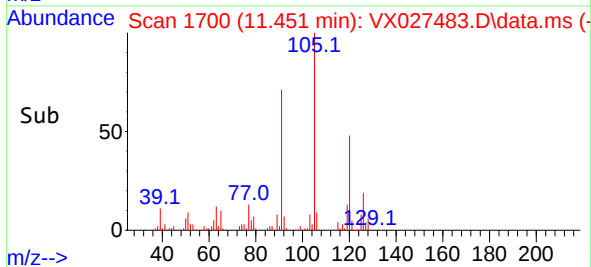
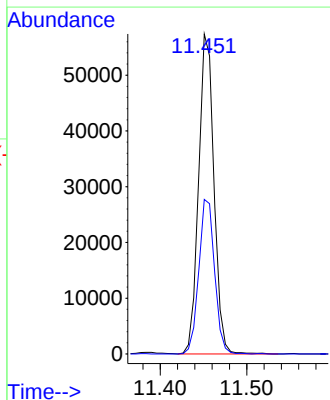
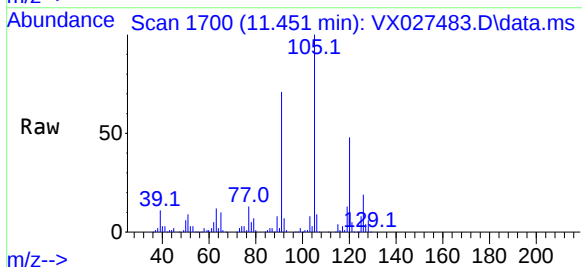
Manual Integrations
APPROVED

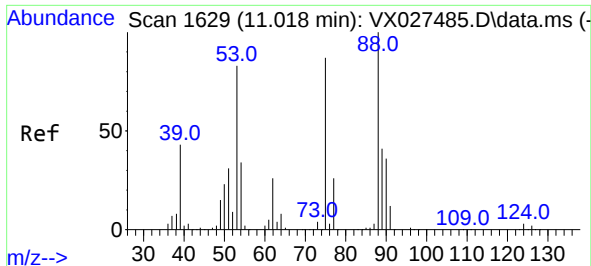
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.008 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion:105 Resp: 70695
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.9





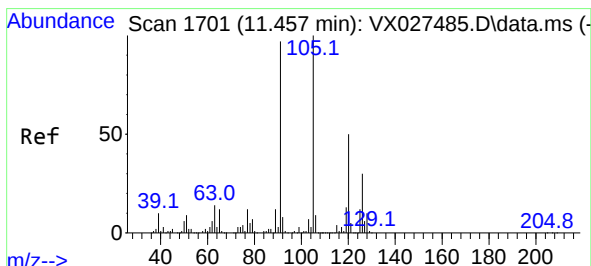
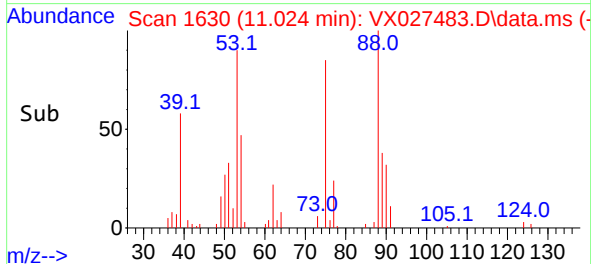
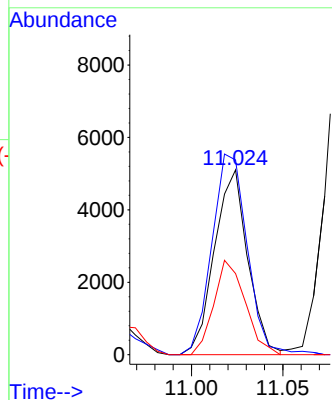
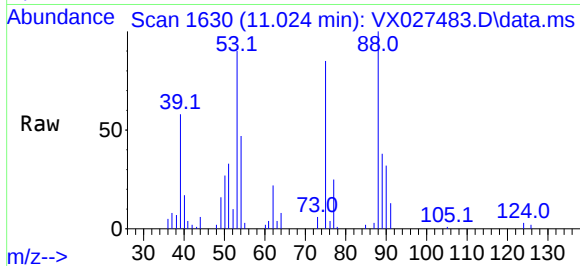
#81
trans-1,4-Dichloro-2-butene
Concen: 4.243 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 6480
Ion Ratio Lower Upper
75 100
53 115.3 69.0 103.4
89 48.1 37.0 55.6

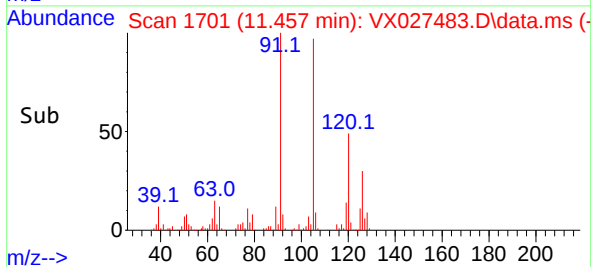
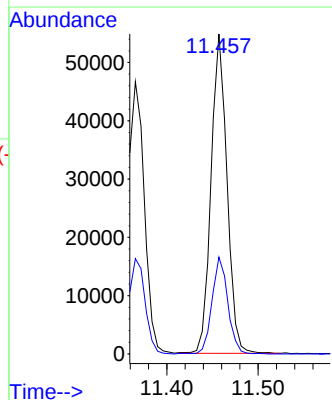
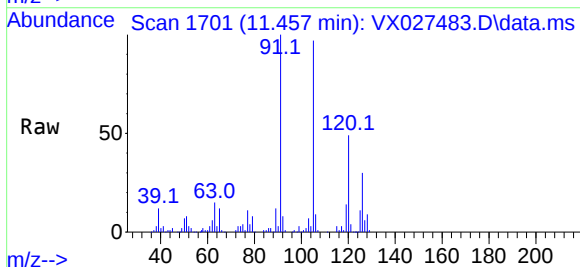
Manual Integrations
APPROVED

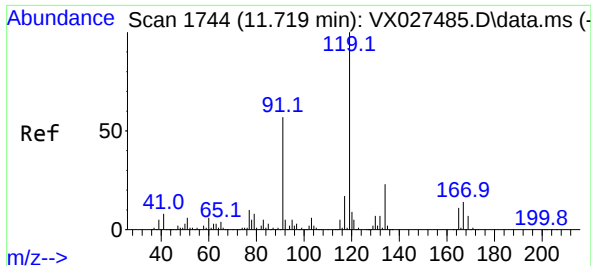
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#82
4-Chlorotoluene
Concen: 5.051 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 91 Resp: 66138
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.5





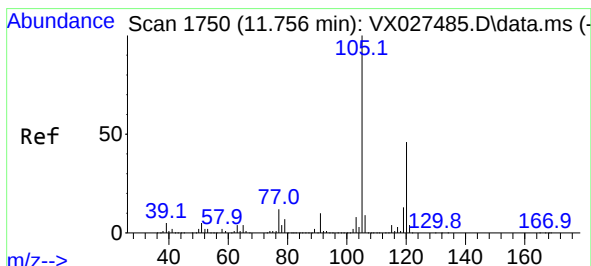
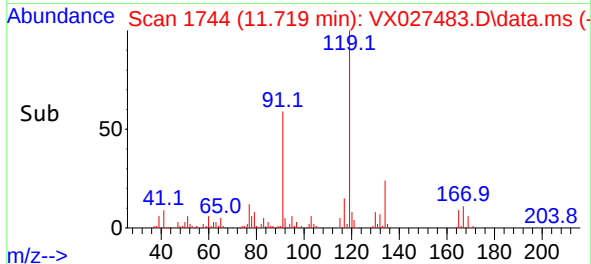
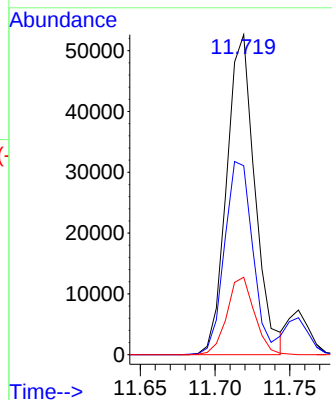
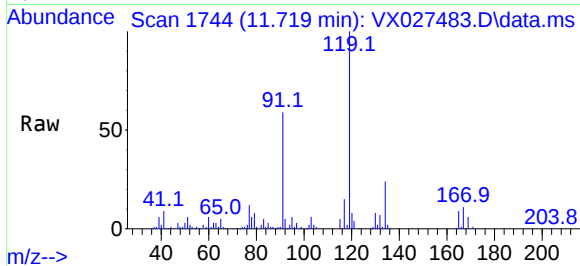
#83
tert-Butylbenzene
Concen: 4.919 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 6940
Ion Ratio Lower Upper
119 100
91 60.1 26.9 80.6
134 23.5 11.4 34.2

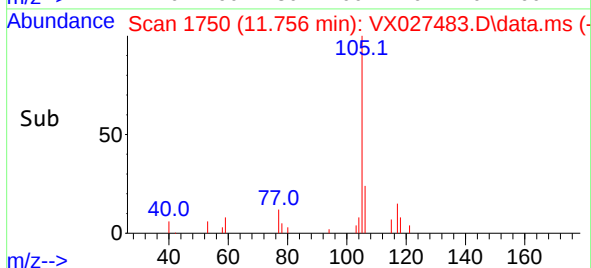
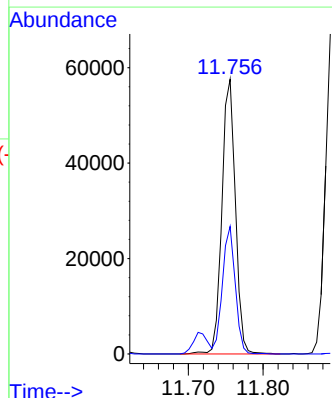
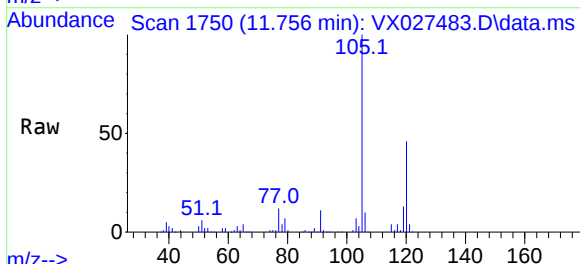
Manual Integrations
APPROVED

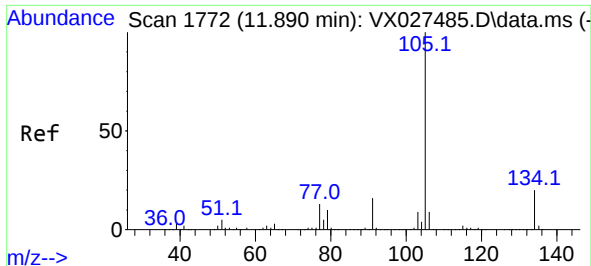
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.183 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion:105 Resp: 72558
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 5.024 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX027483.D
 Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

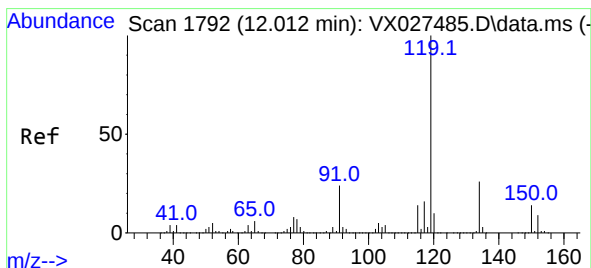
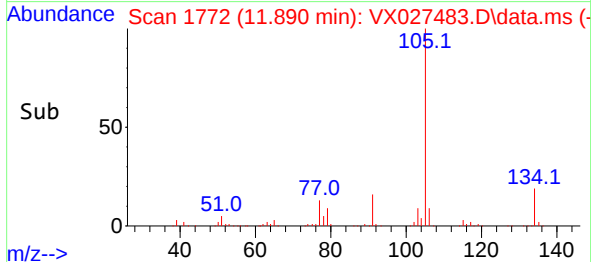
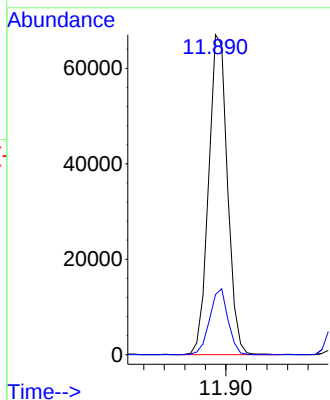
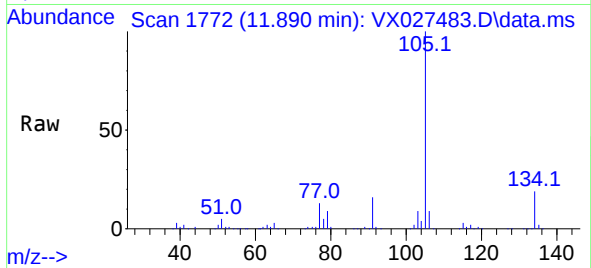
ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 8550
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

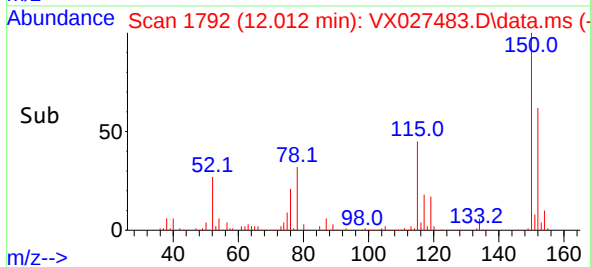
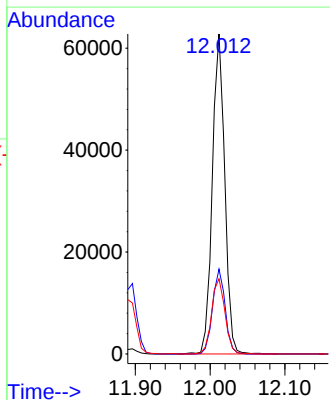
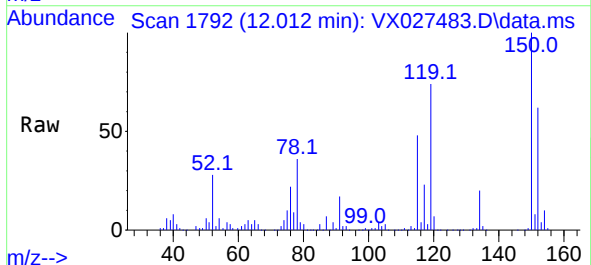
Manual Integrations
 APPROVED

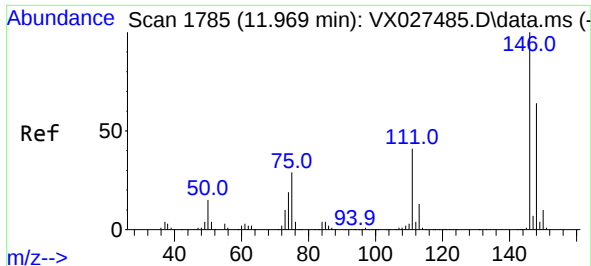
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#86
 p-Isopropyltoluene
 Concen: 5.042 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027483.D
 Acq: 17 Mar 2022 12:36

Tgt Ion:119 Resp: 72639
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 25.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 4.955 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 38678

Ion Ratio Lower Upper

146 100

111 42.4 19.7 59.1

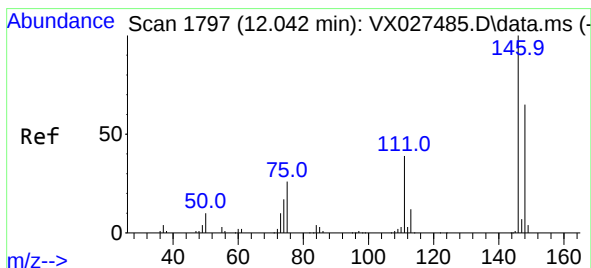
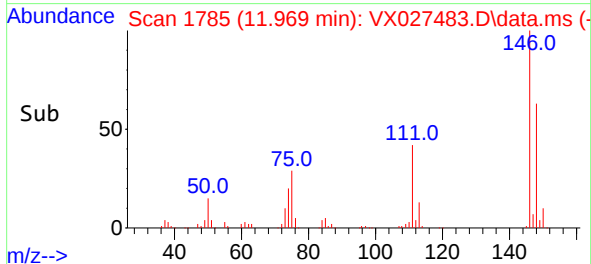
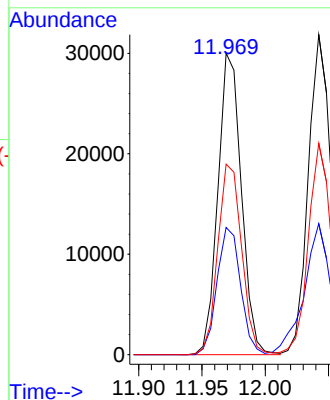
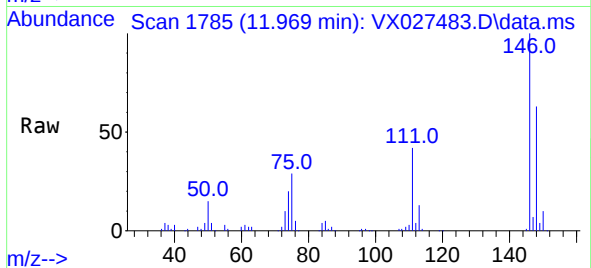
148 64.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#88

1,4-Dichlorobenzene

Concen: 5.078 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

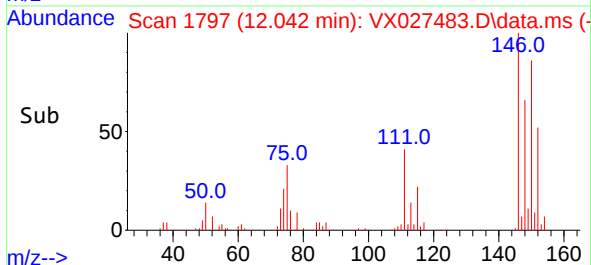
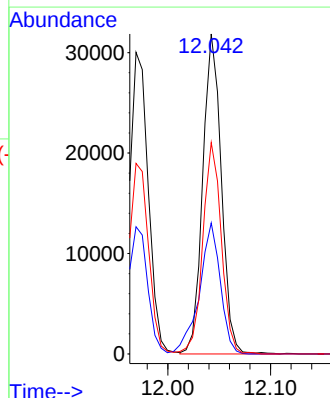
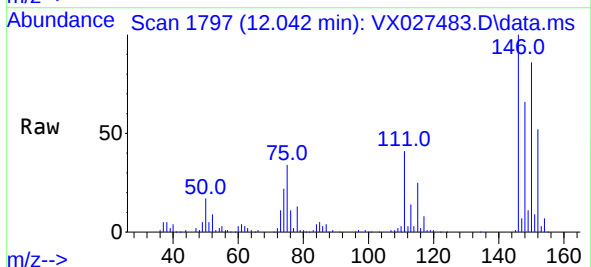
Tgt Ion:146 Resp: 40130

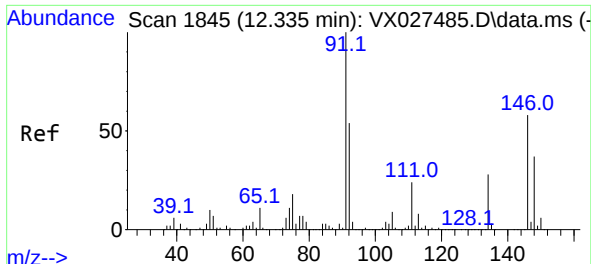
Ion Ratio Lower Upper

146 100

111 46.3 19.2 57.6

148 65.9 32.3 96.9





#89

n-Butylbenzene

Concen: 4.863 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 5869

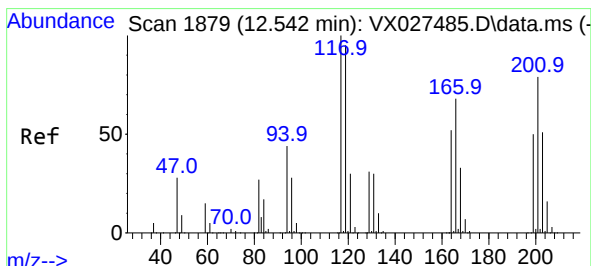
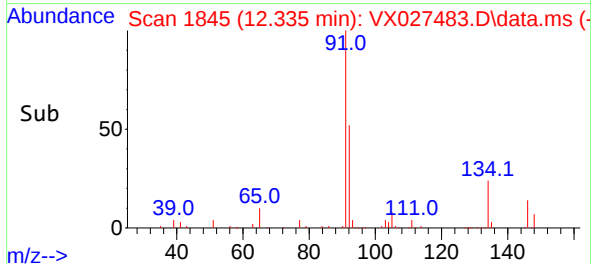
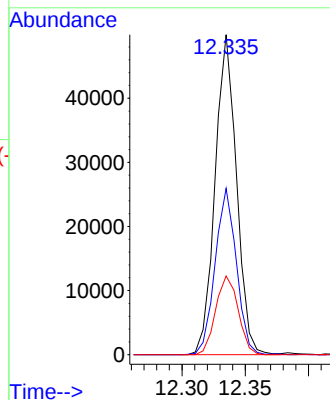
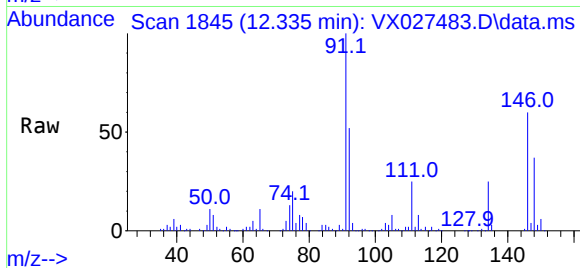
Ion	Ratio	Lower	Upper
91	100		
92	51.5	27.8	83.3
134	25.7	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#90

Hexachloroethane

Concen: 4.796 ug/l

RT: 12.542 min Scan# 1879

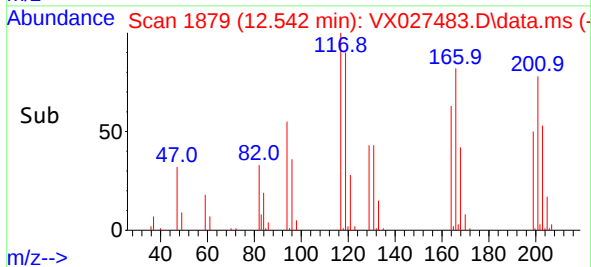
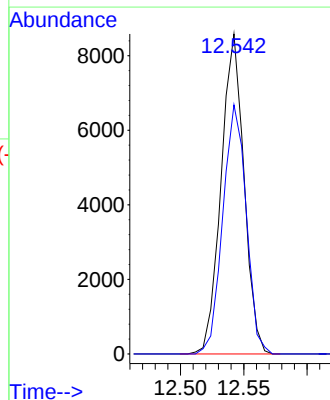
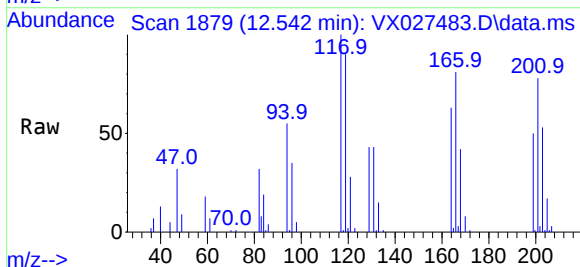
Delta R.T. -0.000 min

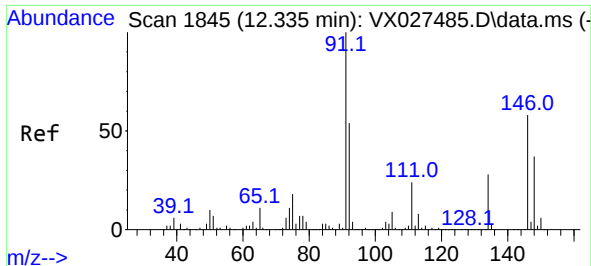
Lab File: VX027483.D

Acq: 17 Mar 2022 12:36

Tgt Ion:117 Resp: 10769

Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.5	118.5





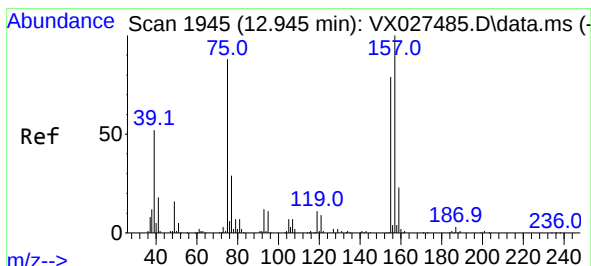
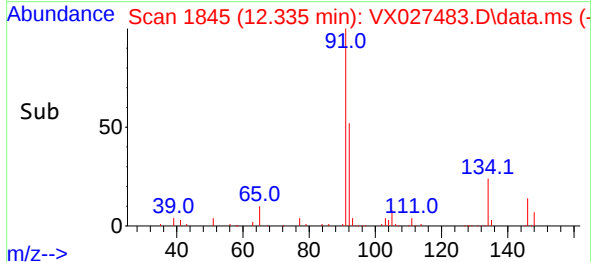
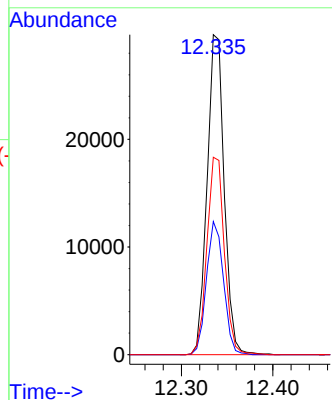
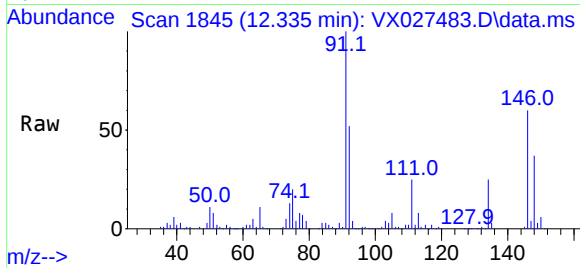
#91
1,2-Dichlorobenzene
Concen: 5.019 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 38624
Ion Ratio Lower Upper
146 100
111 41.4 21.0 63.0
148 62.9 32.6 97.7

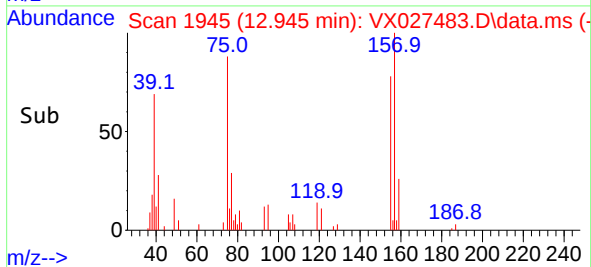
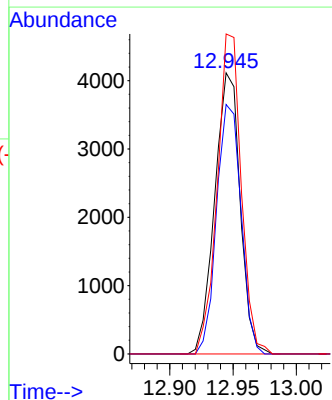
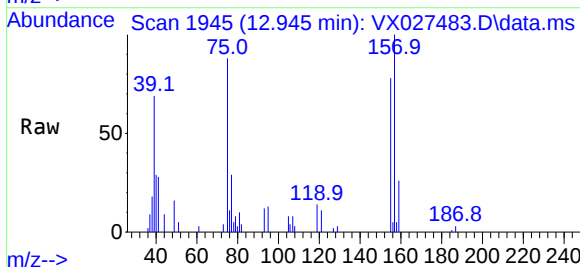
Manual Integrations
APPROVED

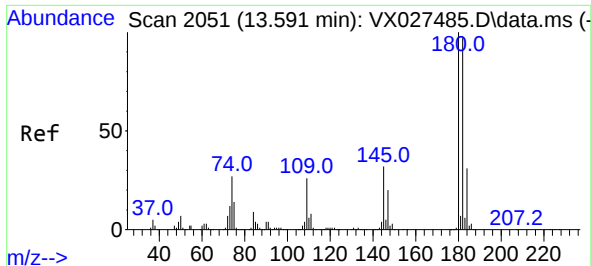
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.844 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion: 75 Resp: 5742
Ion Ratio Lower Upper
75 100
155 85.2 47.0 141.2
157 107.2 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 4.401 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

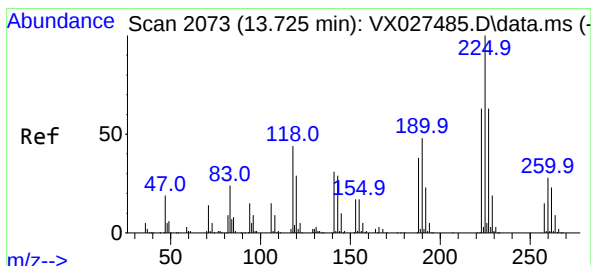
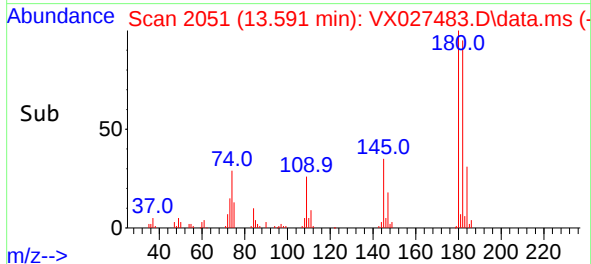
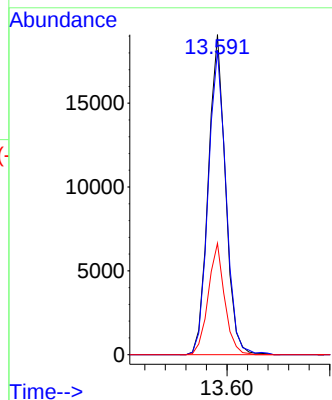
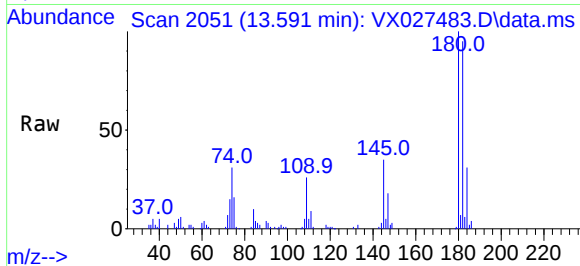
VSTDIC005

Tgt Ion:180 Resp: 22234
Ion Ratio Lower Upper
180 100
182 98.2 47.7 143.1
145 33.2 15.2 45.5

Manual Integrations

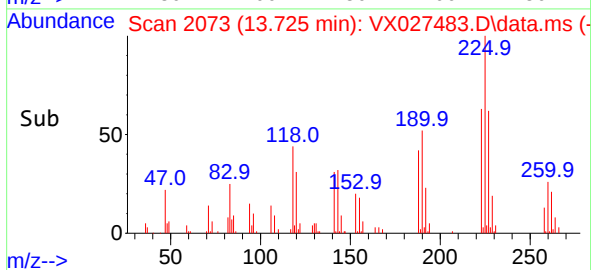
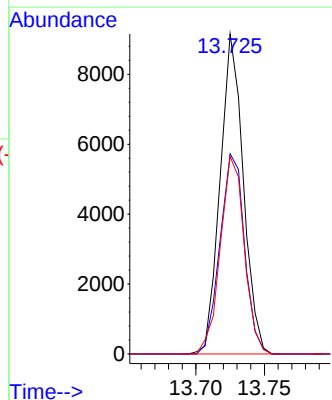
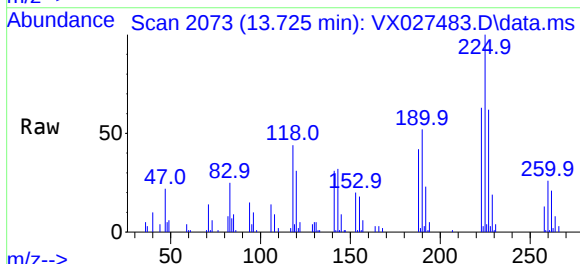
APPROVED

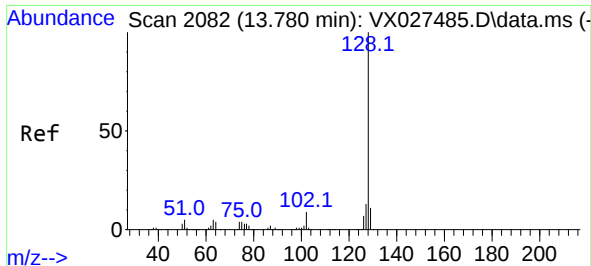
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#94
Hexachlorobutadiene
Concen: 4.854 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion:225 Resp: 10753
Ion Ratio Lower Upper
225 100
223 66.4 34.2 102.5
227 63.6 33.9 101.7





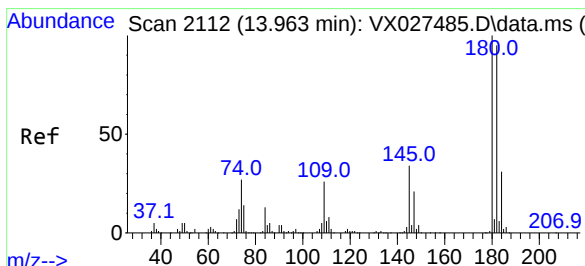
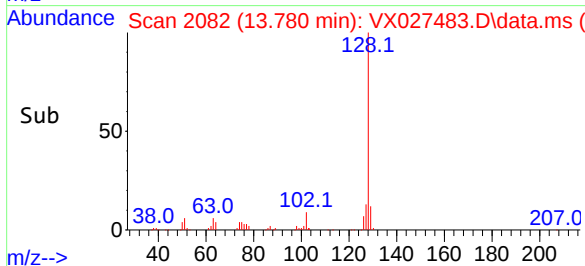
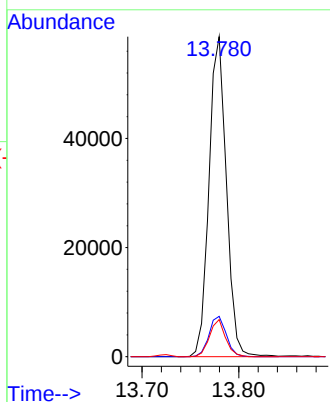
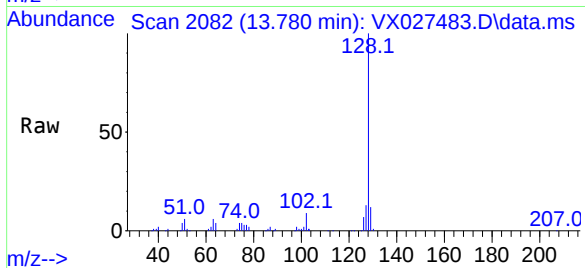
#95
Naphthalene
Concen: 4.325 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 7334
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.648 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027483.D
Acq: 17 Mar 2022 12:36

Tgt Ion:180 Resp: 23466
Ion Ratio Lower Upper
180 100
182 93.8 50.0 149.8
145 33.8 16.2 48.5

