

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027778.D
 Acq On : 29 Mar 2022 16:48
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 18:02:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 17:59:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71049	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	21652	18.878	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	37.760%#		
35) Dibromofluoromethane	5.391	113	15072	18.599	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	37.200%#		
50) Toluene-d8	8.653	98	52321	17.001	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	34.000%#		
62) 4-Bromofluorobenzene	11.085	95	22431	17.759	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	35.520%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12629	15.847	ug/l	98
3) Chloromethane	1.294	50	11840	14.526	ug/l	95
4) Vinyl Chloride	1.374	62	12517	15.920	ug/l	97
5) Bromomethane	1.599	94	5950	18.489	ug/l	98
6) Chloroethane	1.678	64	7940	15.572	ug/l	98
7) Trichlorofluoromethane	1.880	101	21538	18.017	ug/l	93
8) Diethyl Ether	2.136	74	8146	18.926	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	14721	18.423	ug/l	95
10) Methyl Iodide	2.453	142	15314	19.400	ug/l	91
11) Tert butyl alcohol	2.971	59	18271	87.091	ug/l	100
12) 1,1-Dichloroethene	2.319	96	12938	17.615	ug/l	92
13) Acrolein	2.239	56	11973	78.978	ug/l	97
14) Allyl chloride	2.660	41	23842	17.368	ug/l #	89
15) Acrylonitrile	3.062	53	44839	87.124	ug/l	99
16) Acetone	2.380	43	46206	94.402	ug/l	88
17) Carbon Disulfide	2.508	76	26124	13.702	ug/l	98
18) Methyl Acetate	2.709	43	21550	17.751	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	49904	18.408	ug/l	100
20) Methylene Chloride	2.788	84	16389	19.120	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	14442	17.629	ug/l	96
22) Diisopropyl ether	3.763	45	48409	17.678	ug/l #	84
23) Vinyl Acetate	3.727	43	205613	86.321	ug/l	97
24) 1,1-Dichloroethane	3.611	63	26700	17.278	ug/l	98
25) 2-Butanone	4.562	43	72714	95.555	ug/l	90
26) 2,2-Dichloropropane	4.477	77	23870	19.812	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18001	19.572	ug/l	91
28) Bromochloromethane	4.897	49	12965	20.790	ug/l	84
29) Tetrahydrofuran	5.013	42	46883	102.533	ug/l #	84
30) Chloroform	5.099	83	32922	20.687	ug/l	99
31) Cyclohexane	5.470	56	24227	17.937	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	28371	20.047	ug/l	96
36) 1,1-Dichloropropene	5.696	75	22418	18.184	ug/l	95
37) Ethyl Acetate	4.714	43	28479	20.155	ug/l	94
38) Carbon Tetrachloride	5.684	117	24364	19.839	ug/l	98
39) Methylcyclohexane	7.379	83	24671	17.567	ug/l #	88
40) Benzene	6.043	78	64275	18.788	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15295	20.604	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	29042	20.059	ug/l	91
43) Isopropyl Acetate	6.342	43	44278	20.192	ug/l #	89
44) Trichloroethene	7.135	130	16908	18.832	ug/l	96
45) 1,2-Dichloropropane	7.433	63	17057	18.882	ug/l	97
46) Dibromomethane	7.586	93	12790	19.711	ug/l	88
47) Bromodichloromethane	7.824	83	24726	19.433	ug/l	95
48) Methyl methacrylate	7.696	41	22459	20.776	ug/l #	78
49) 1,4-Dioxane	7.659	88	8699	373.430	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	148244	98.578	ug/l	87
52) Toluene	8.720	92	39909	18.586	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24940	19.783	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	26419	18.941	ug/l #	76
55) 1,1,2-Trichloroethane	9.153	97	18017	20.420	ug/l	96
56) Ethyl methacrylate	9.116	69	29115	20.341	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	29962	18.990	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	71511	97.948	ug/l	95
59) 2-Hexanone	9.433	43	109722	93.190	ug/l	84
60) Dibromochloromethane	9.525	129	17835	20.678	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18749	19.891	ug/l	98
64) Tetrachloroethene	9.275	164	16976	19.881	ug/l	94
65) Chlorobenzene	10.079	112	46106	19.293	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	17194	20.586	ug/l	99
67) Ethyl Benzene	10.195	91	81588	18.420	ug/l	98
68) m/p-Xylenes	10.305	106	62648	38.971	ug/l	93
69) o-Xylene	10.646	106	31612	19.520	ug/l	93
70) Styrene	10.659	104	53267	20.647	ug/l	96
71) Bromoform	10.805	173	12113	19.976	ug/l #	98
73) Isopropylbenzene	10.963	105	84222	19.406	ug/l	98
74) N-amyl acetate	10.841	43	35449	17.063	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	27542	17.952	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	25766m	17.559	ug/l	
77) Bromobenzene	11.201	156	19592	20.067	ug/l	89
78) n-propylbenzene	11.305	91	96758	18.808	ug/l	98
79) 2-Chlorotoluene	11.366	91	59694	18.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	73281	19.592	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7170	16.610	ug/l #	77
82) 4-Chlorotoluene	11.457	91	69364	18.509	ug/l	97
83) tert-Butylbenzene	11.713	119	68842	19.914	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	72949	19.234	ug/l	97
85) sec-Butylbenzene	11.890	105	85665	19.006	ug/l	99
86) p-Isopropyltoluene	12.012	119	72097	20.225	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	37345	20.526	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	37646	19.954	ug/l	95
89) n-Butylbenzene	12.335	91	60381	17.939	ug/l	97
90) Hexachloroethane	12.542	117	10272	18.044	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	37127	21.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6054	16.021	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	20569	19.997	ug/l	98
94) Hexachlorobutadiene	13.725	225	9309	18.645	ug/l	95
95) Naphthalene	13.780	128	74850	19.724	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	20152	19.435	ug/l	98

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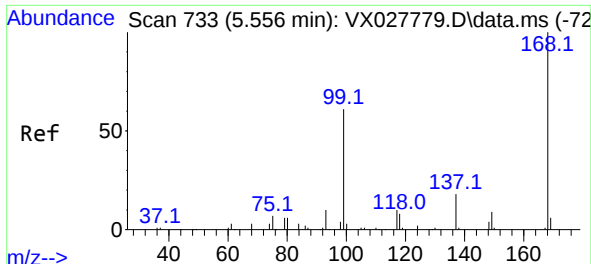
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

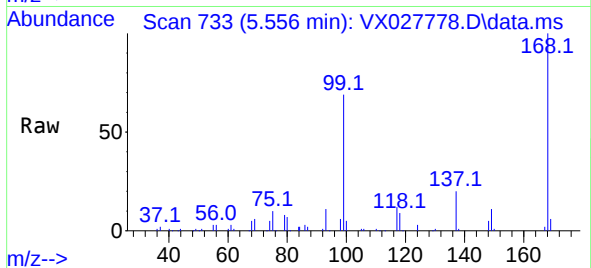
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71049
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

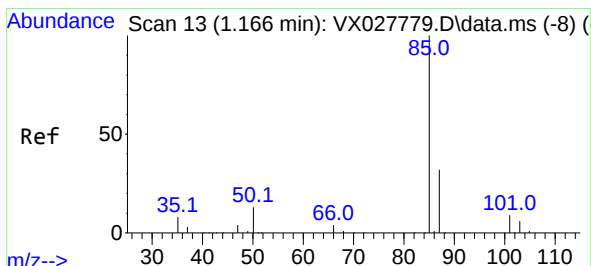
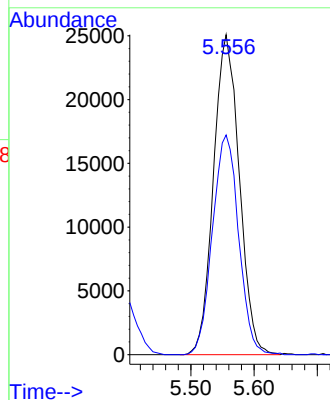
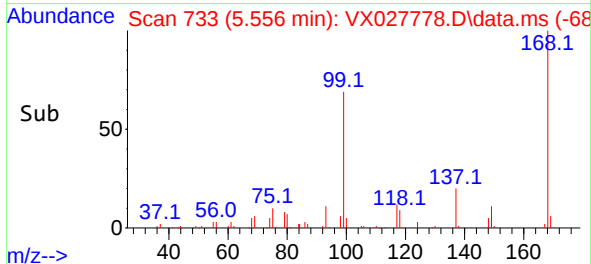
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 71049
Ion Ratio Lower Upper
168 100
99 68.7 41.7 62.5

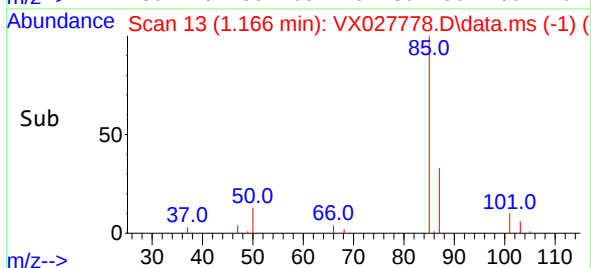
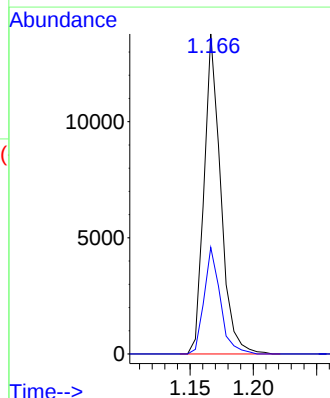
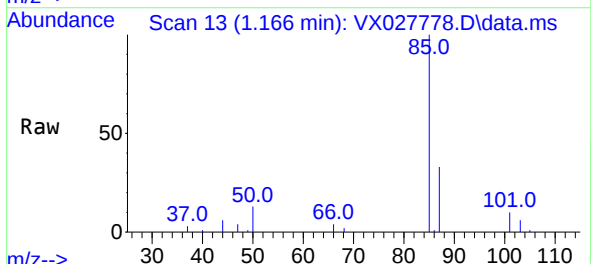
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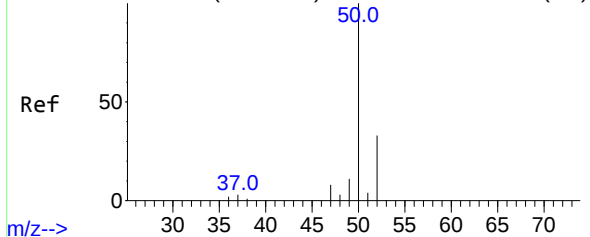


#2
Dichlorodifluoromethane
Concen: 15.847 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 85 Resp: 12629
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6



Abundance Scan 34 (1.294 min): VX027779.D\data.ms (-29)



#3

Chloromethane

Concen: 14.526 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 11840

Ion Ratio Lower Upper

50 100

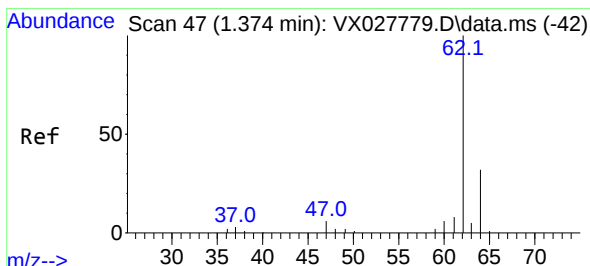
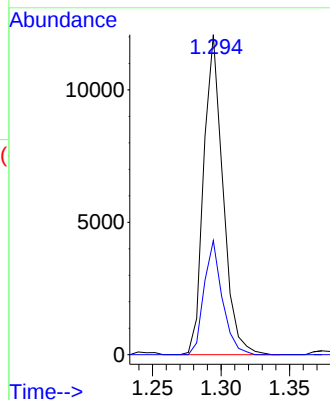
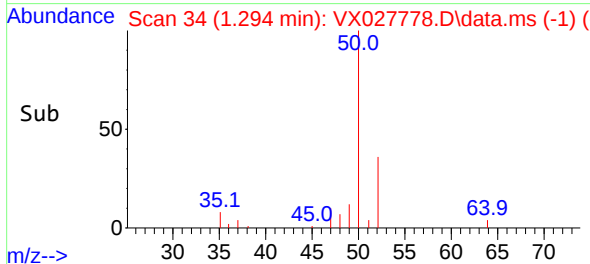
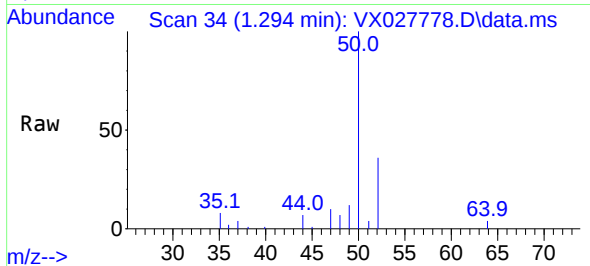
52 35.6 26.4 39.6

Manual Integrations

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Supervised By :Mahesh Dadoda 03/30/2022



#4

Vinyl Chloride

Concen: 15.920 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX027778.D

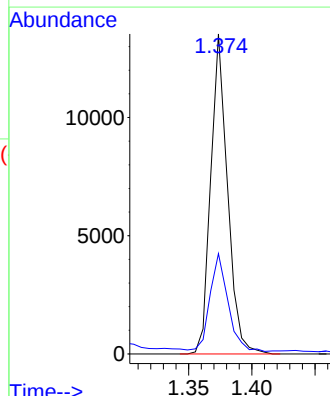
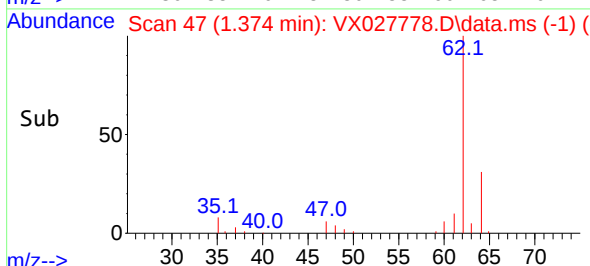
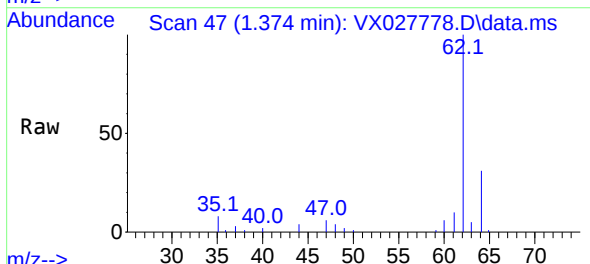
Acq: 29 Mar 2022 16:48

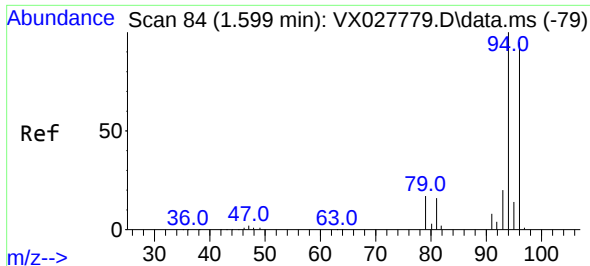
Tgt Ion: 62 Resp: 12517

Ion Ratio Lower Upper

62 100

64 30.4 25.5 38.3





#5
Bromomethane
Concen: 18.489 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :

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ClientSampleId :

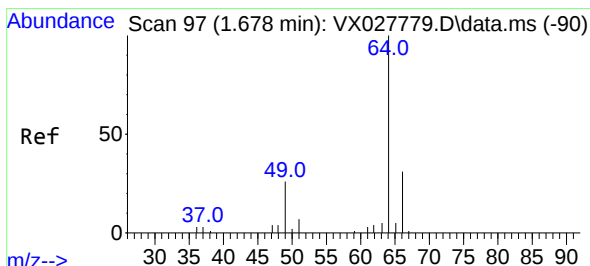
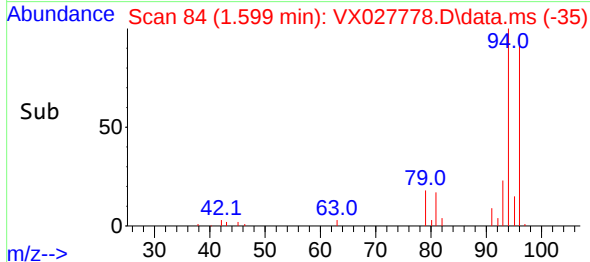
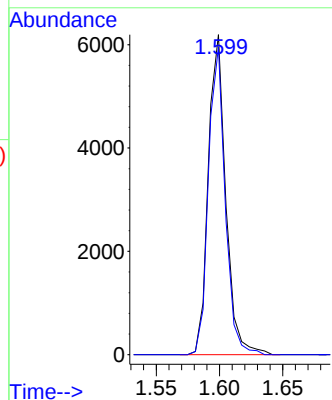
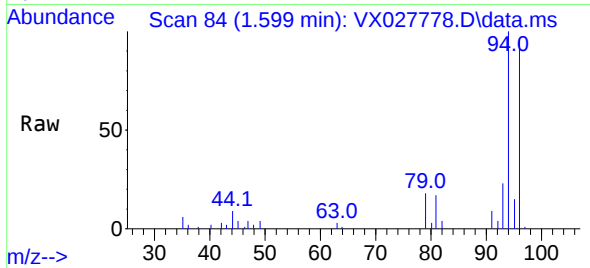
VSTDIC020

Tgt Ion: 94 Resp: 5950
Ion Ratio Lower Upper
94 100
96 96.1 75.3 112.9

Manual Integrations

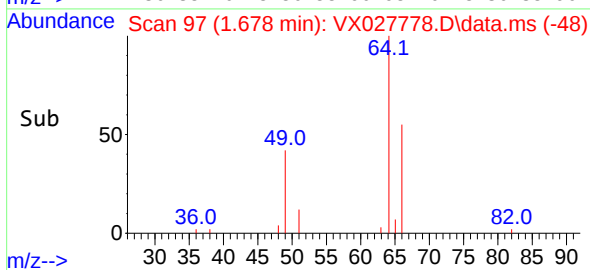
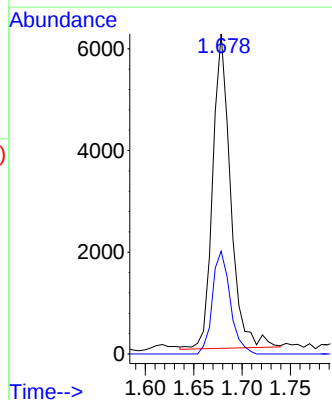
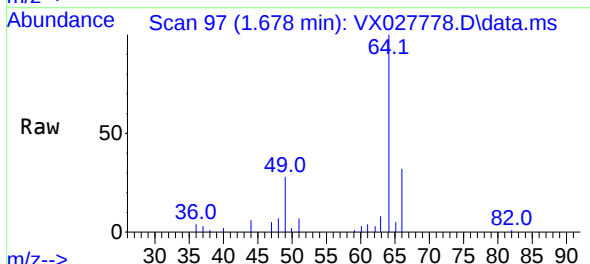
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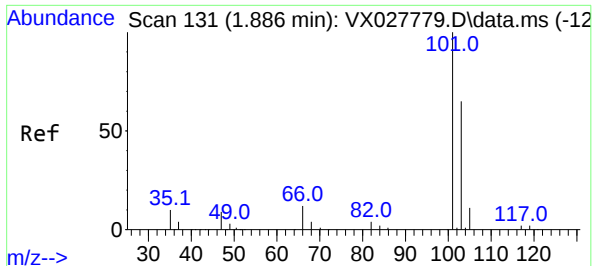
Reviewed By :John Carlone 03/30/2022
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#6
Chloroethane
Concen: 15.572 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 64 Resp: 7940
Ion Ratio Lower Upper
64 100
66 32.8 25.3 37.9





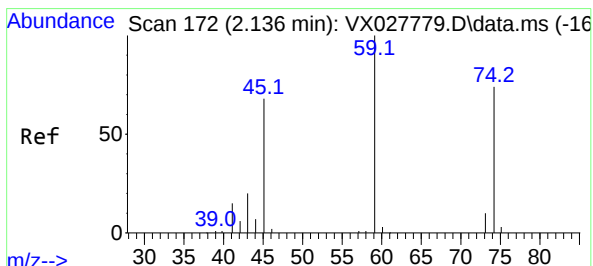
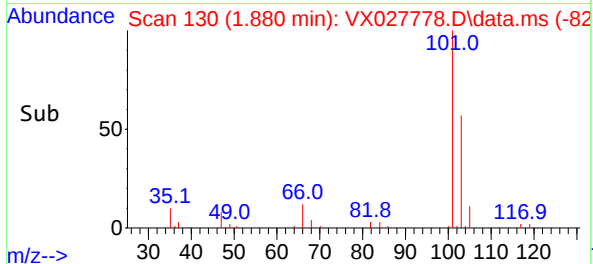
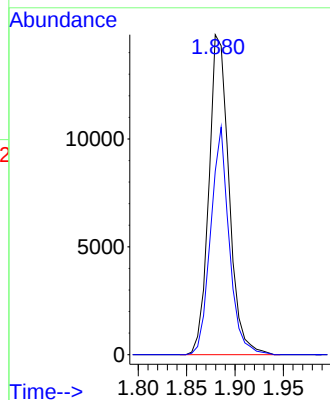
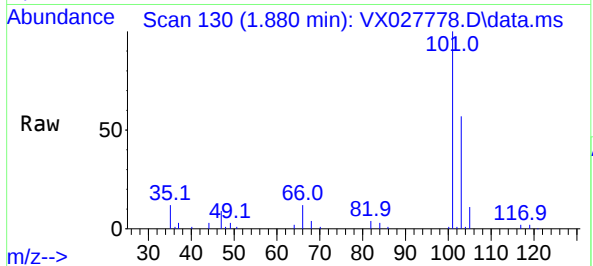
#7
Trichlorofluoromethane
Concen: 18.017 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 21538
Ion Ratio Lower Upper
101 100
103 57.3 50.5 75.7

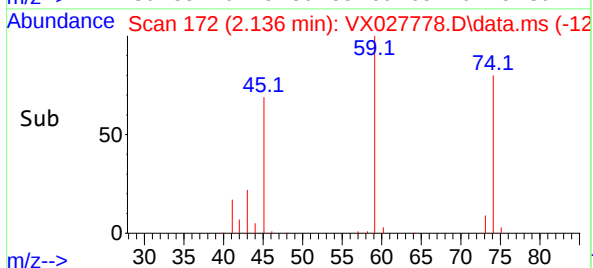
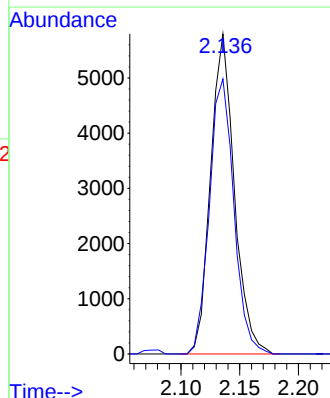
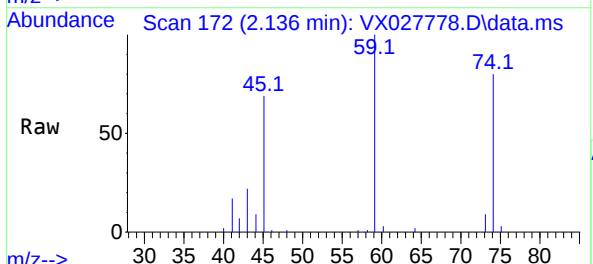
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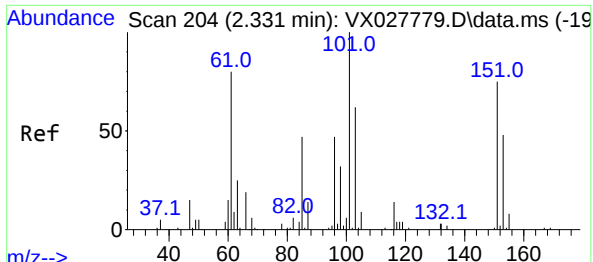
Reviewed By :John Carlone 03/30/2022
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#8
Diethyl Ether
Concen: 18.926 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 74 Resp: 8146
Ion Ratio Lower Upper
74 100
45 88.4 42.0 126.0





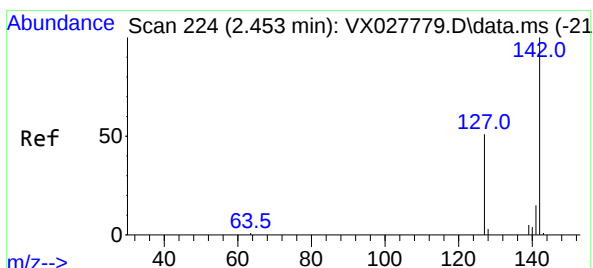
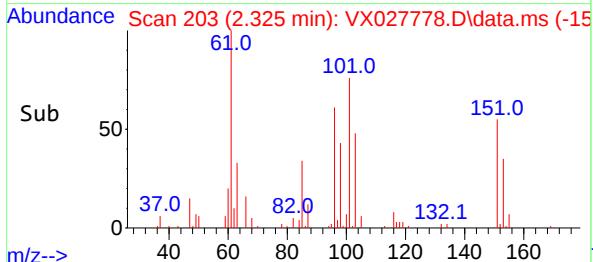
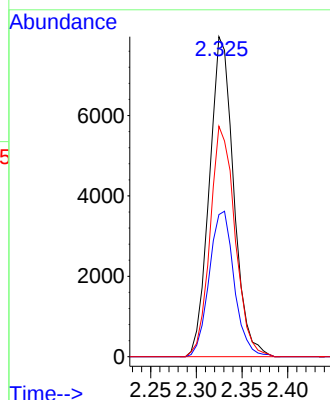
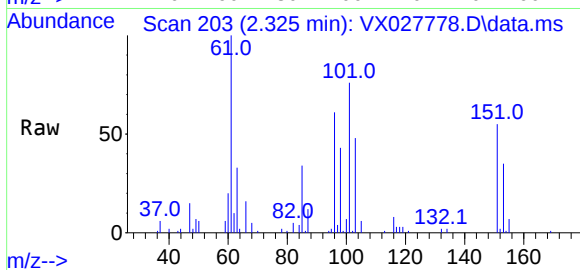
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.423 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 1472
Ion Ratio Lower Upper
101 100
85 46.7 33.5 50.3
151 73.8 61.8 92.6

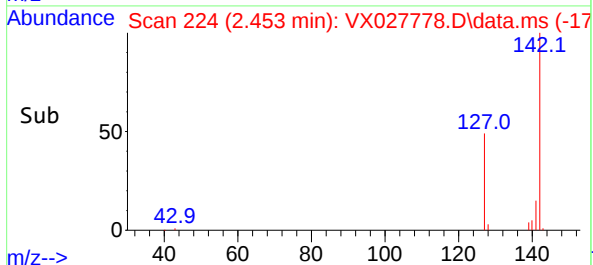
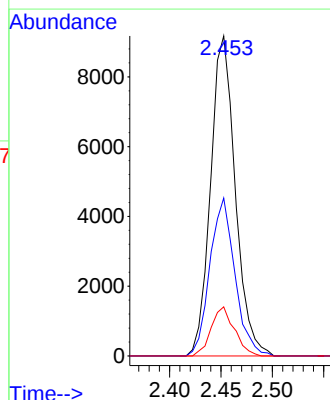
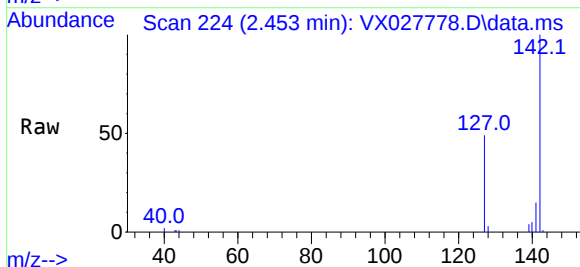
Manual Integrations
APPROVED

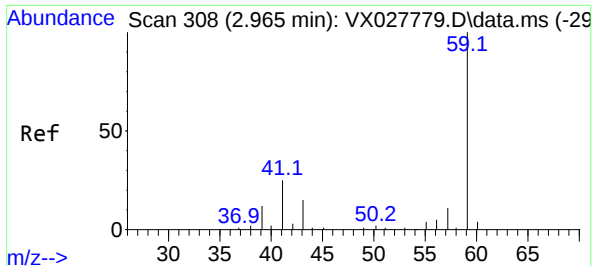
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#10
Methyl Iodide
Concen: 19.400 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

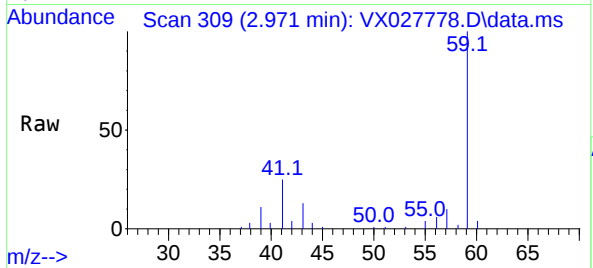
Tgt Ion:142 Resp: 15314
Ion Ratio Lower Upper
142 100
127 50.0 33.9 50.9
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 87.091 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

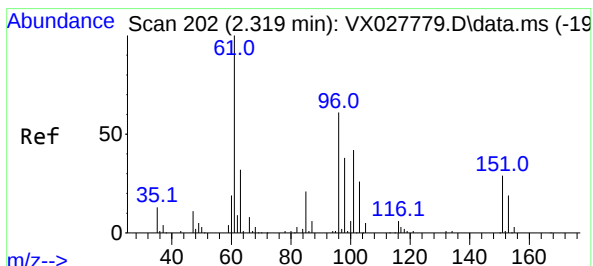
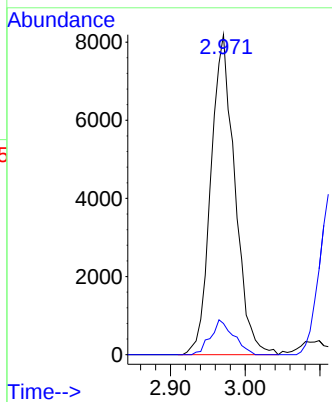
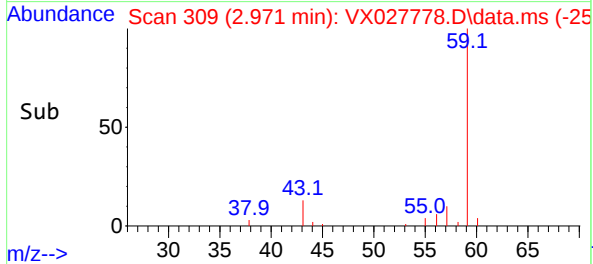
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



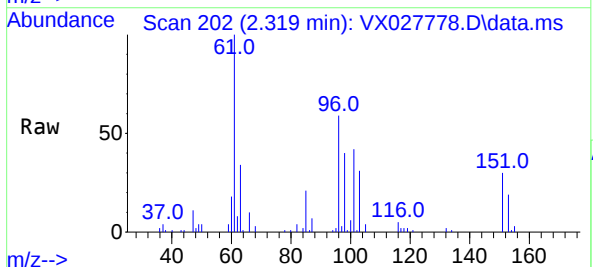
Tgt Ion: 59 Resp: 1827
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

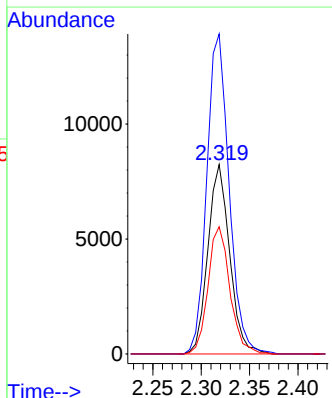
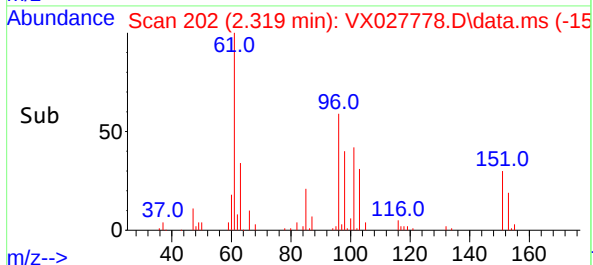
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

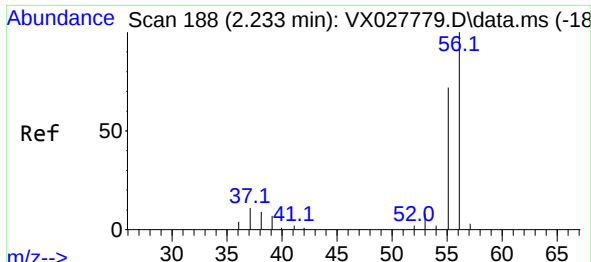


#12
1,1-Dichloroethene
Concen: 17.615 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion: 96 Resp: 12938
Ion Ratio Lower Upper
96 100
61 169.0 124.6 187.0
98 67.2 51.0 76.4





#13

Acrolein

Concen: 78.978 ug/l

RT: 2.239 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1197

Ion Ratio Lower Upper

56 100

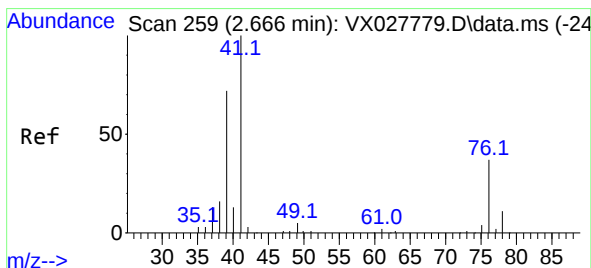
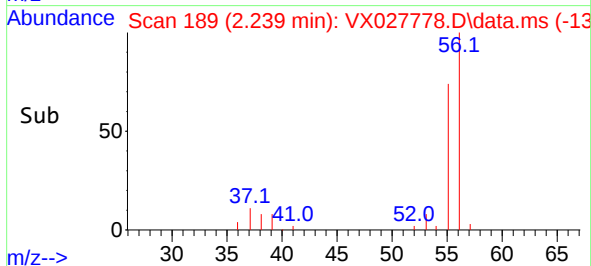
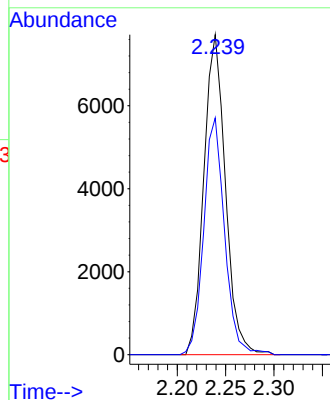
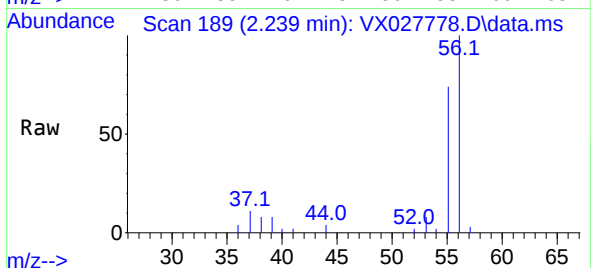
55 71.6 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#14

Allyl chloride

Concen: 17.368 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

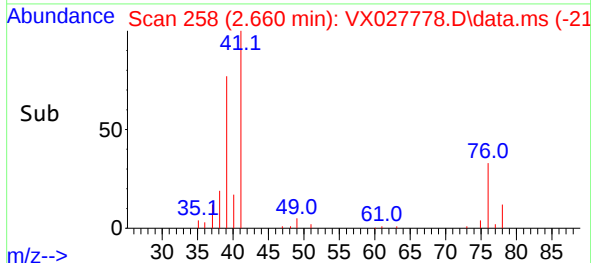
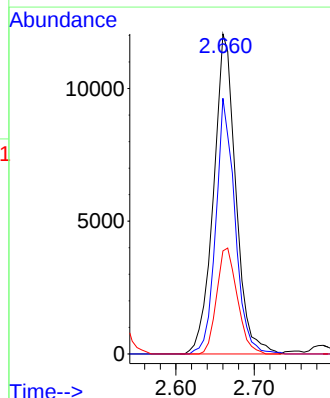
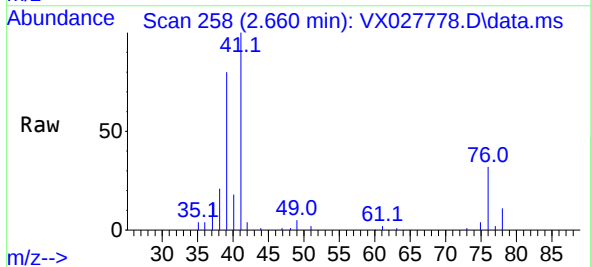
Tgt Ion: 41 Resp: 23842

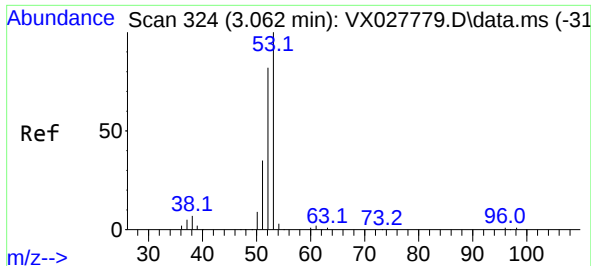
Ion Ratio Lower Upper

41 100

39 68.8 50.4 75.6

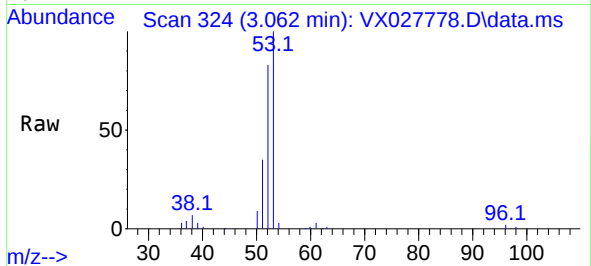
76 30.6 32.7 49.1#





#15
Acrylonitrile
Concen: 87.124 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

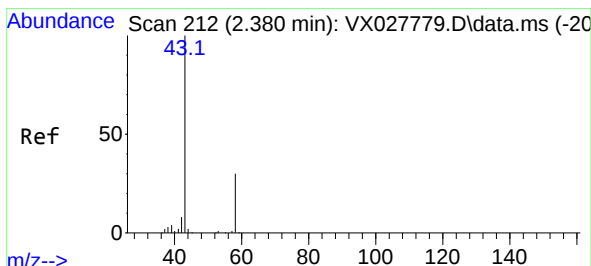
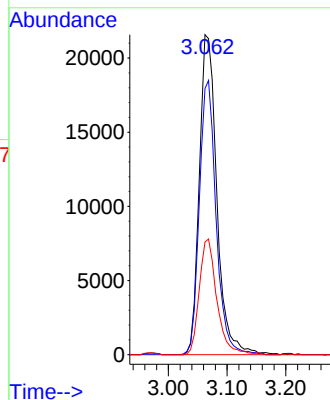
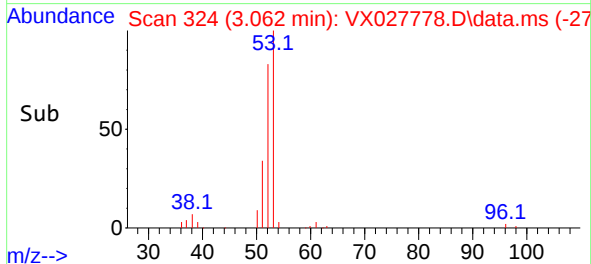
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 44839
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 36.3 28.4 42.6

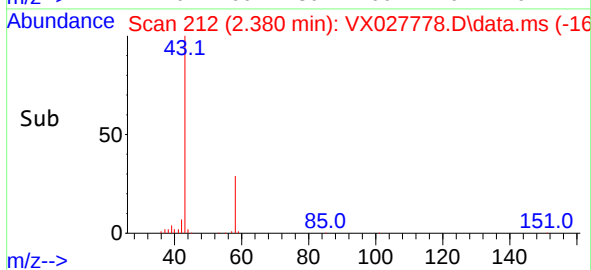
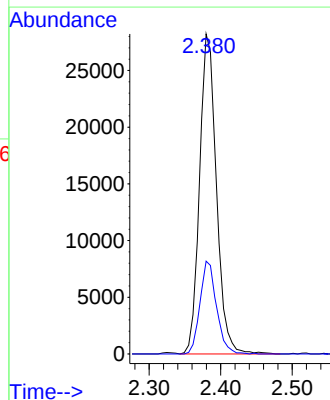
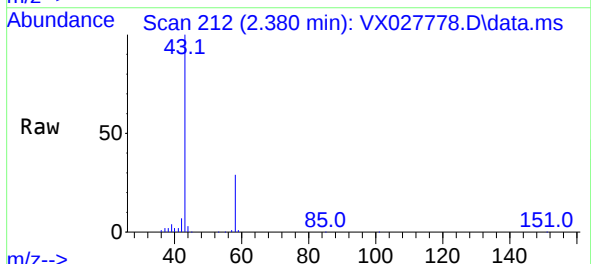
Manual Integrations
APPROVED

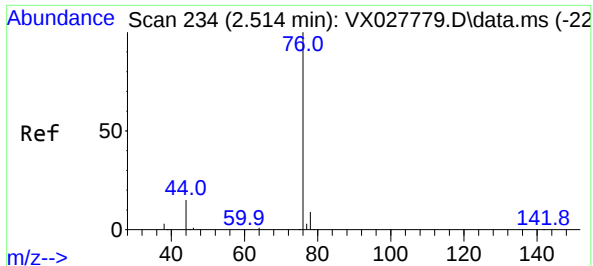
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#16
Acetone
Concen: 94.402 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 43 Resp: 46206
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2





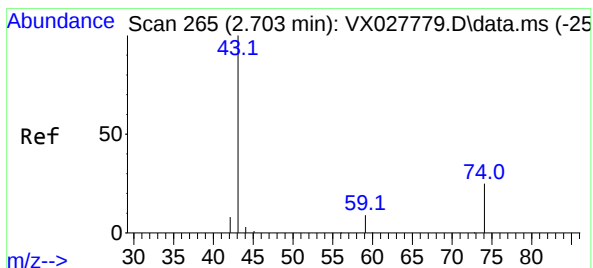
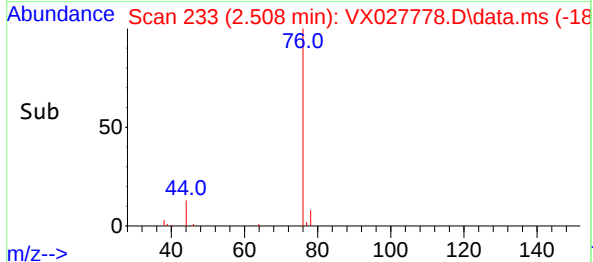
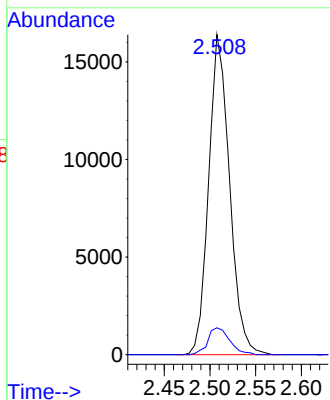
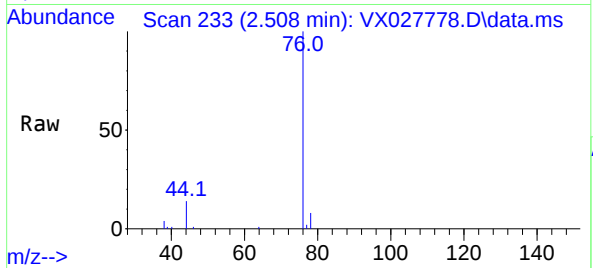
#17
Carbon Disulfide
Concen: 13.702 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 26124
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

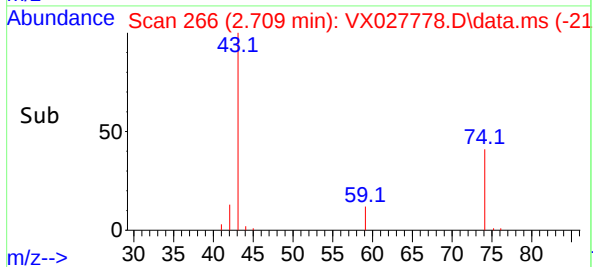
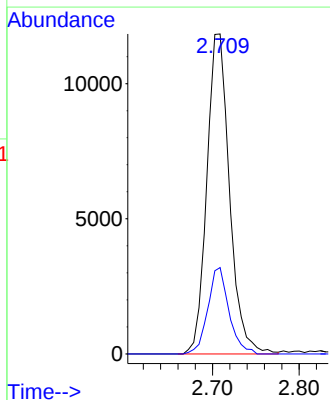
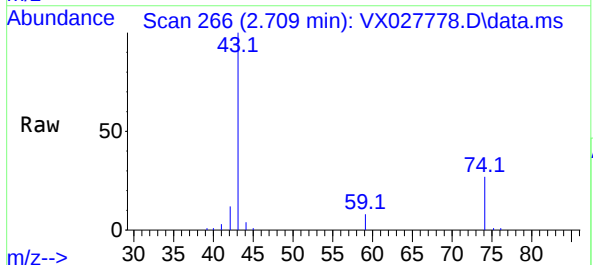
Manual Integrations
APPROVED

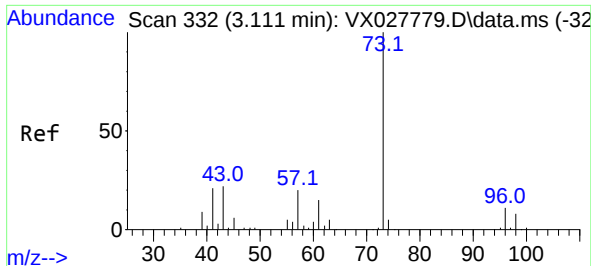
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#18
Methyl Acetate
Concen: 17.751 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 43 Resp: 21550
Ion Ratio Lower Upper
43 100
74 25.1 22.8 34.2





#19

Methyl tert-butyl Ether

Concen: 18.408 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 49904

Ion Ratio Lower Upper

73 100

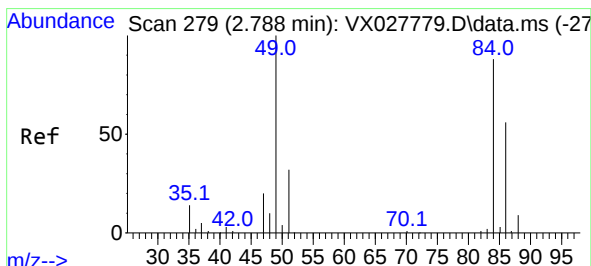
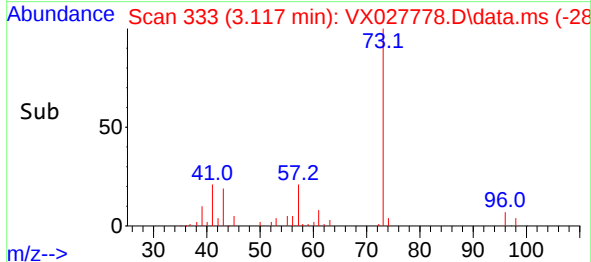
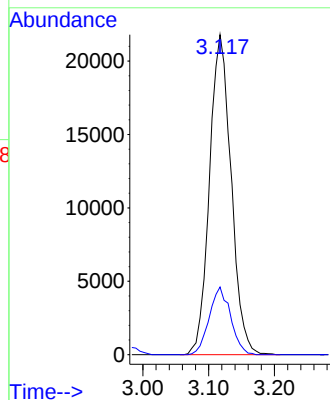
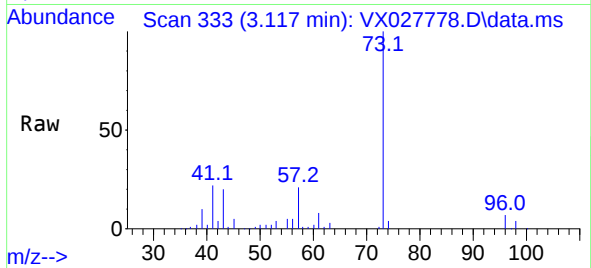
57 21.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#20

Methylene Chloride

Concen: 19.120 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Tgt Ion: 84 Resp: 16389

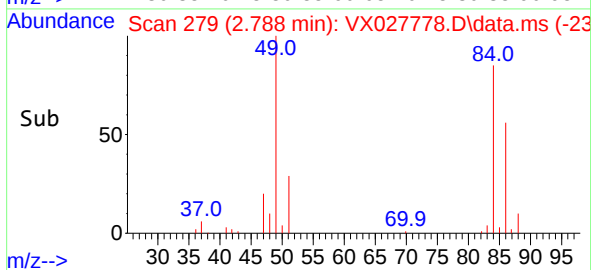
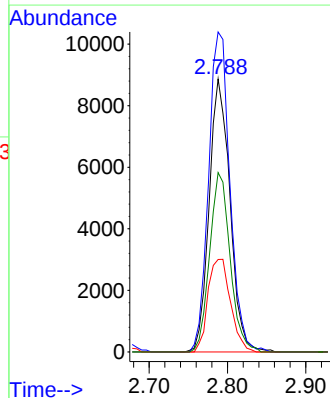
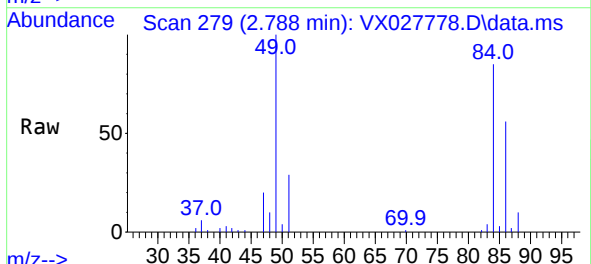
Ion Ratio Lower Upper

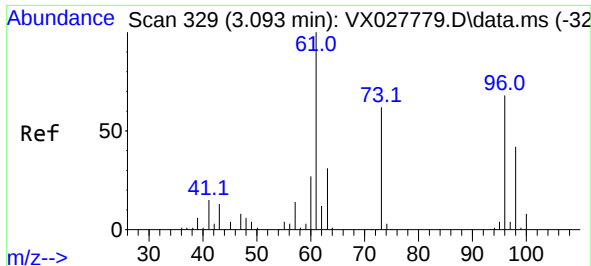
84 100

49 117.2 85.5 128.3

51 33.9 26.6 39.8

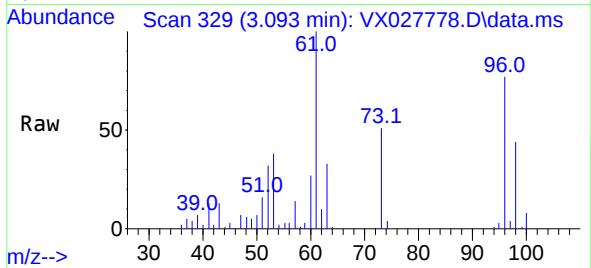
86 65.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.629 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

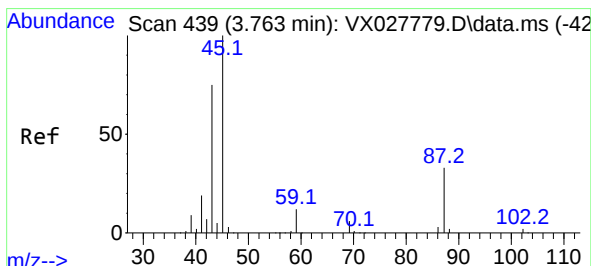
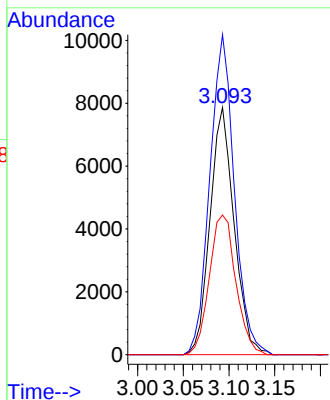
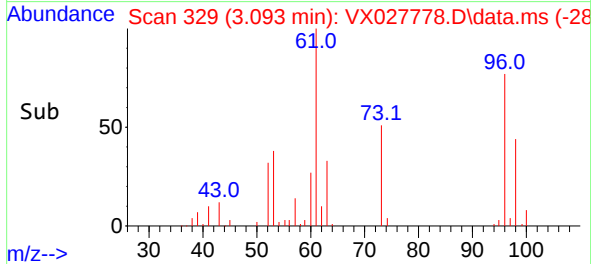
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



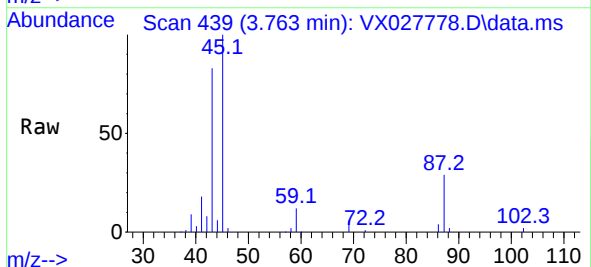
Tgt Ion: 96 Resp: 1444
Ion Ratio Lower Upper
96 100
61 129.4 105.4 158.2
98 56.5 50.0 75.0

Manual Integrations
APPROVED

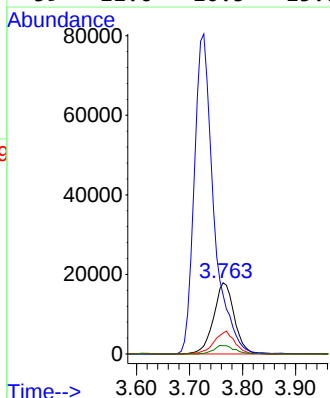
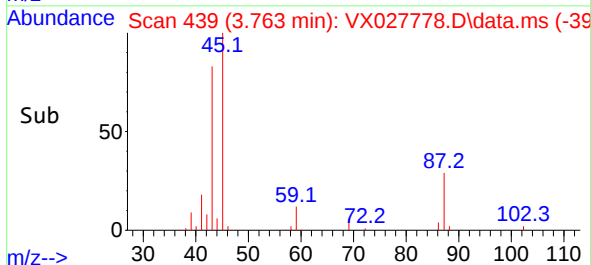
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

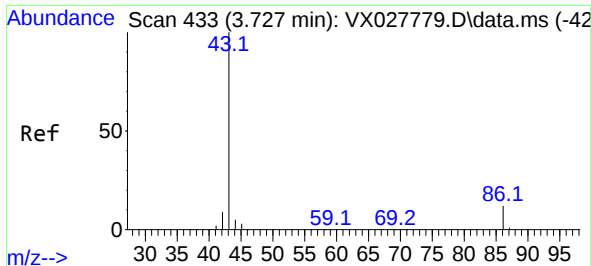


#22
Diisopropyl ether
Concen: 17.678 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion: 45 Resp: 48409
Ion Ratio Lower Upper
45 100
43 82.1 50.8 76.2#
87 29.4 26.6 39.8
59 11.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 86.321 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX027778.D
 Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

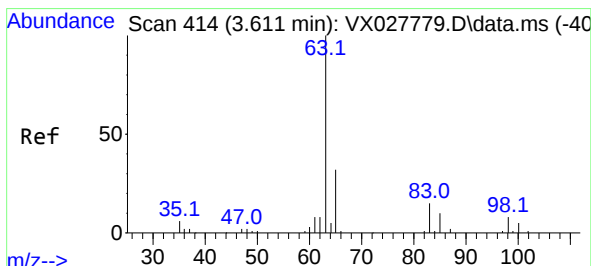
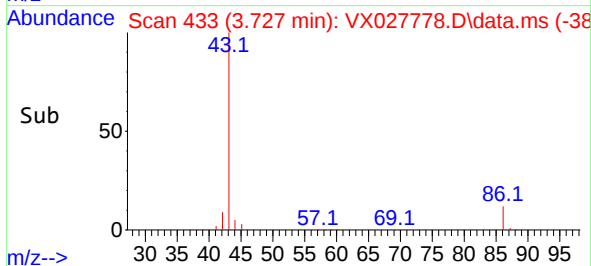
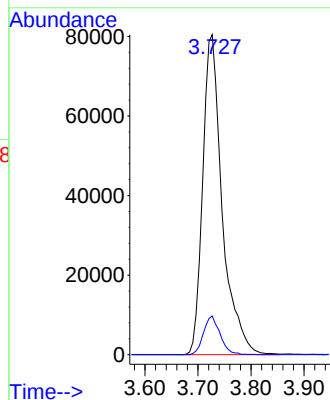
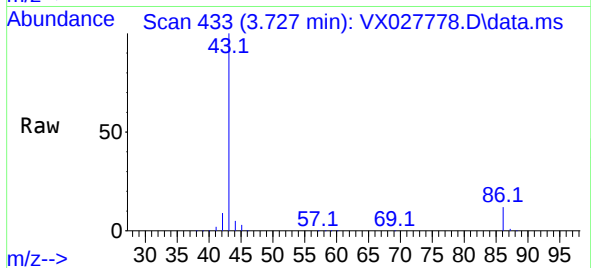
VSTDIC020

Tgt Ion: 43 Resp: 20561
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.8 16.2

Manual Integrations

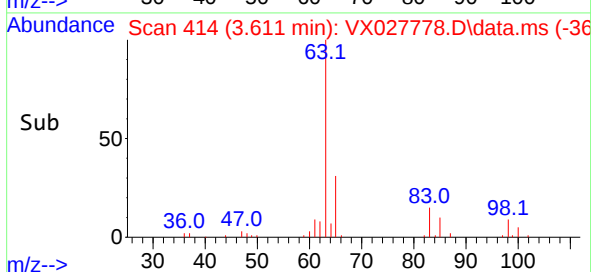
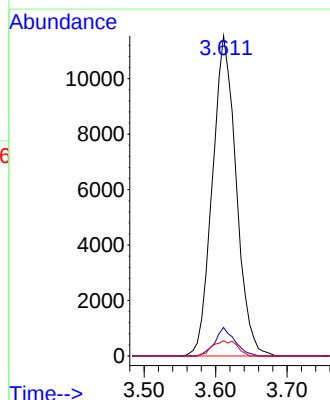
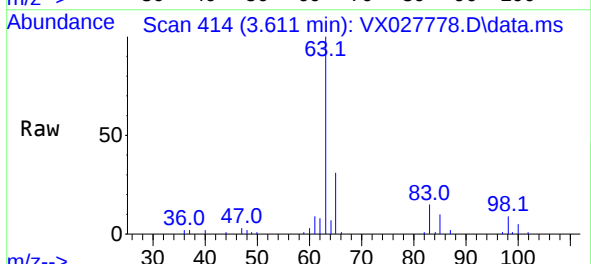
APPROVED

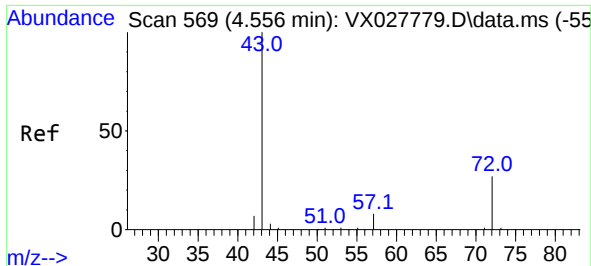
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#24
 1,1-Dichloroethane
 Concen: 17.278 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX027778.D
 Acq: 29 Mar 2022 16:48

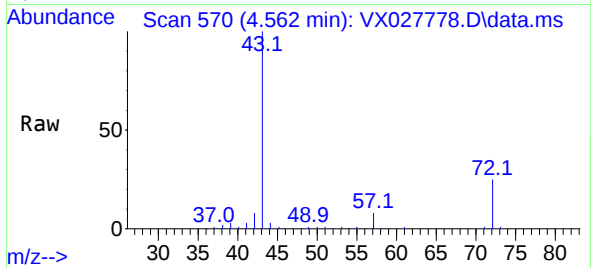
Tgt Ion: 63 Resp: 26700
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 95.555 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

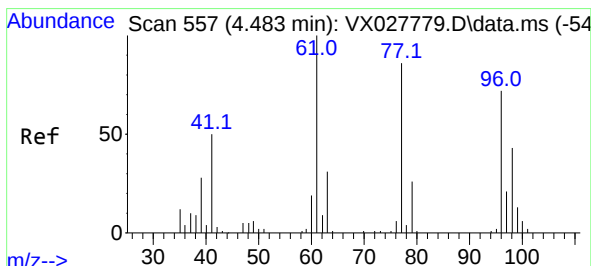
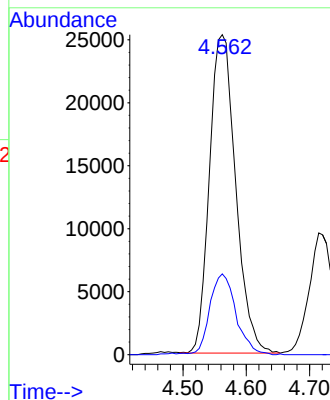
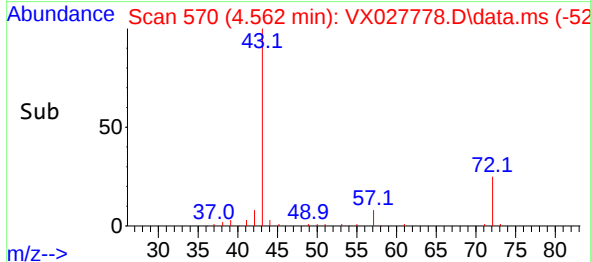
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 72714
Ion Ratio Lower Upper
43 100
72 25.1 24.4 36.6

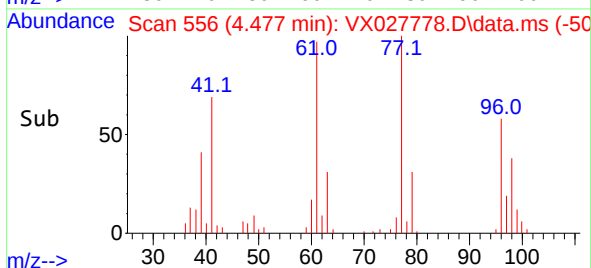
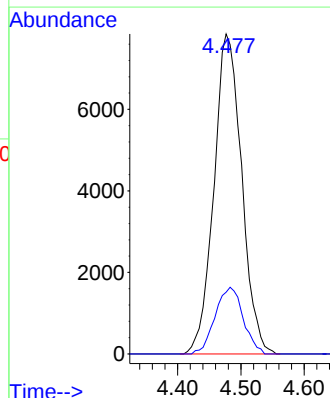
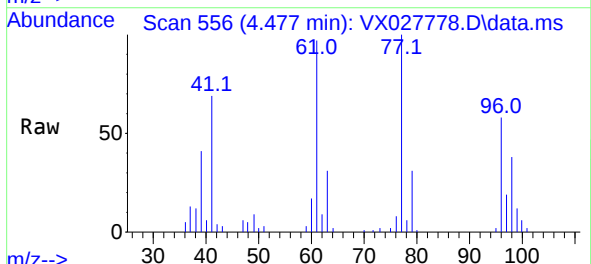
Manual Integrations
APPROVED

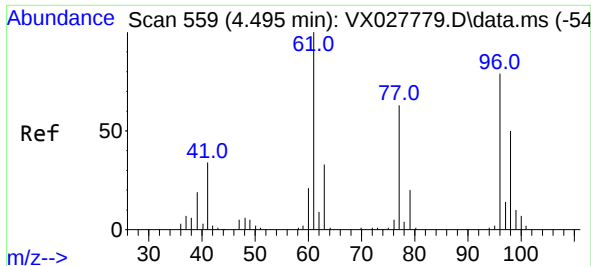
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#26
2,2-Dichloropropane
Concen: 19.812 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 77 Resp: 23870
Ion Ratio Lower Upper
77 100
97 21.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.572 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 1800

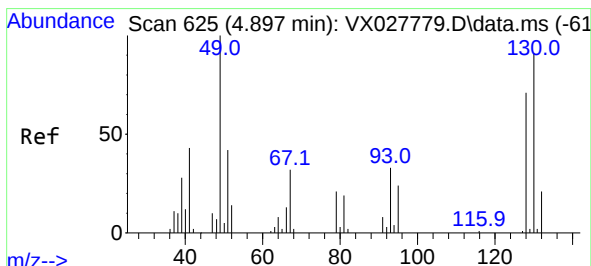
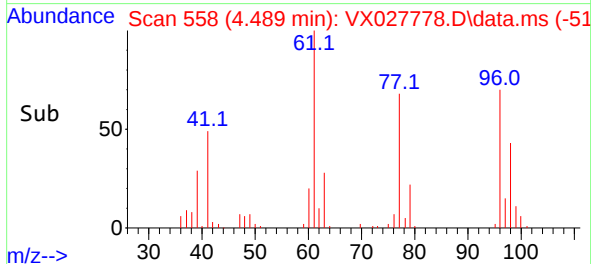
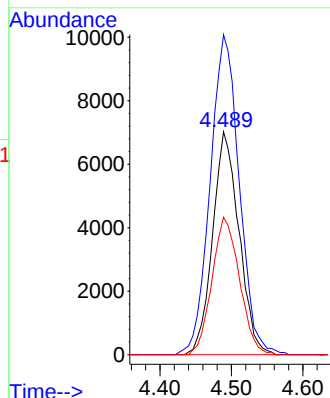
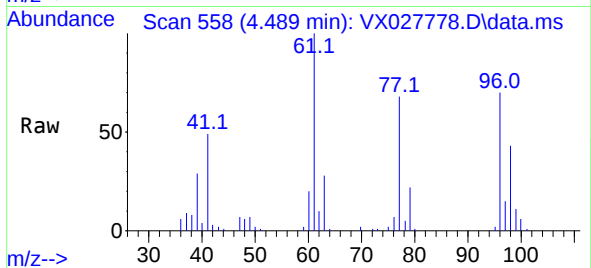
Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	283.8
98	64.3	0.0	129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#28

Bromochloromethane

Concen: 20.790 ug/l

RT: 4.897 min Scan# 625

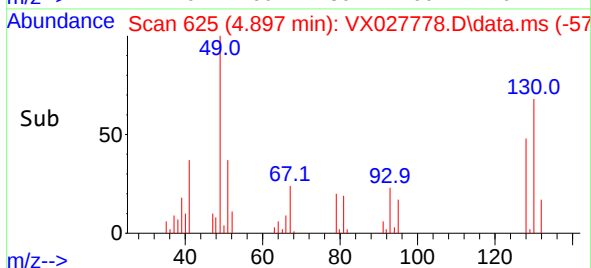
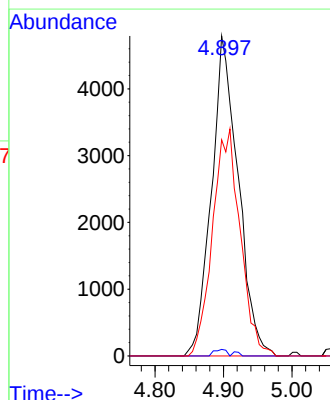
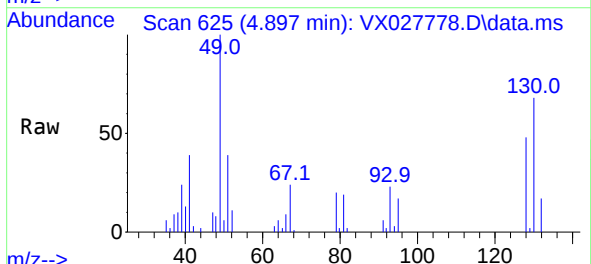
Delta R.T. -0.000 min

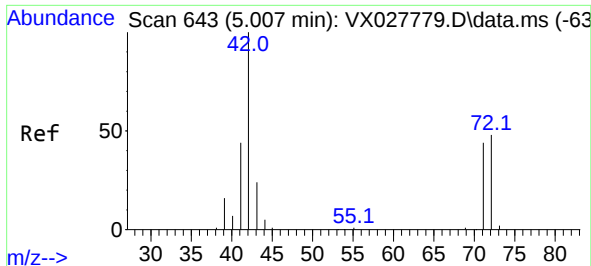
Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Tgt Ion: 49 Resp: 12965

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	73.3	70.7	106.1





#29

Tetrahydrofuran

Concen: 102.533 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 4688

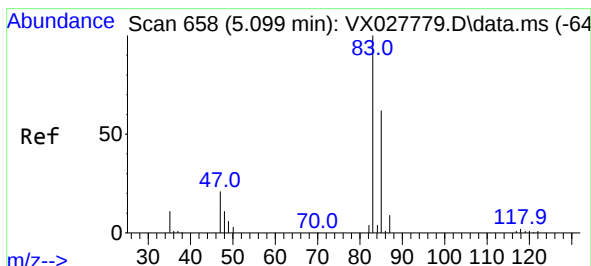
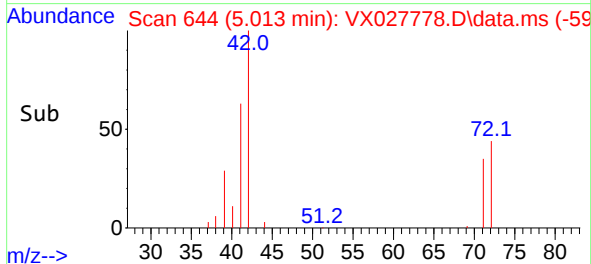
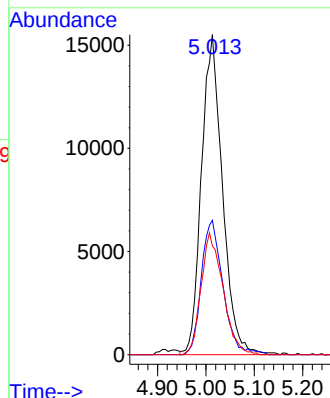
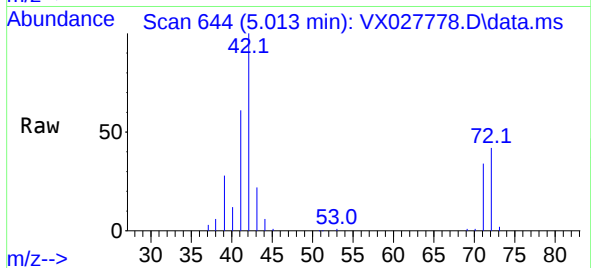
Ion	Ratio	Lower	Upper
42	100		
72	43.2	44.1	66.1
71	39.4	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#30

Chloroform

Concen: 20.687 ug/l

RT: 5.099 min Scan# 658

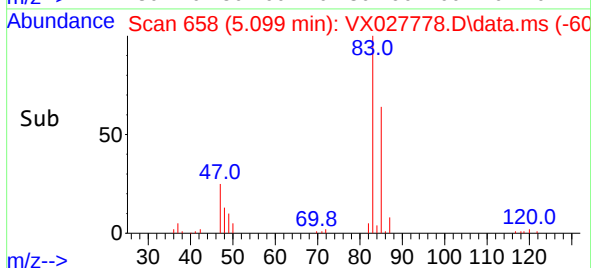
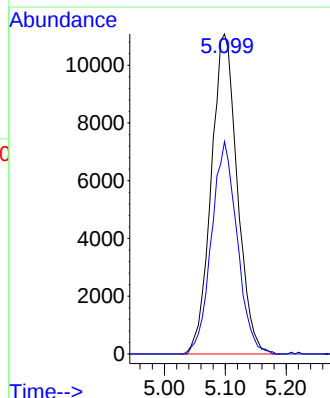
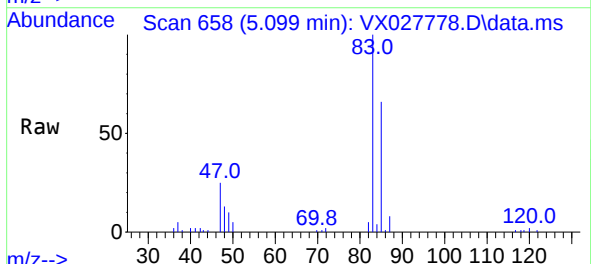
Delta R.T. -0.000 min

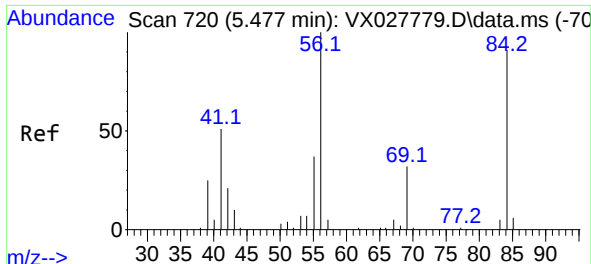
Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Tgt Ion: 83 Resp: 32922

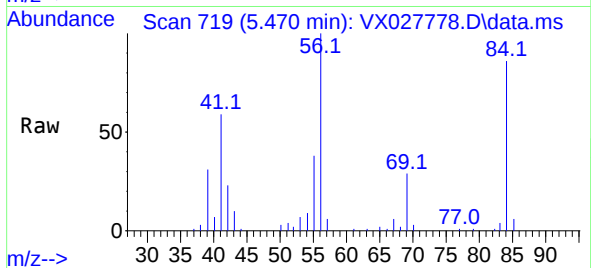
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.7	79.1





#31
Cyclohexane
Concen: 17.937 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

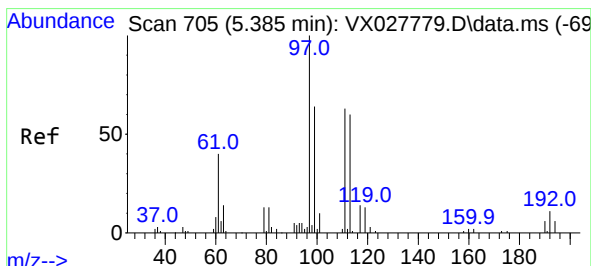
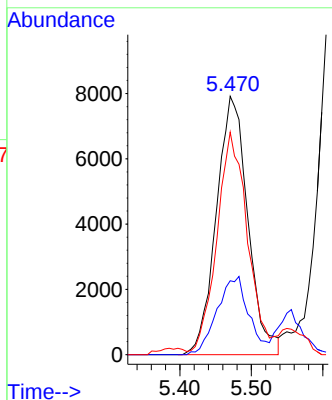
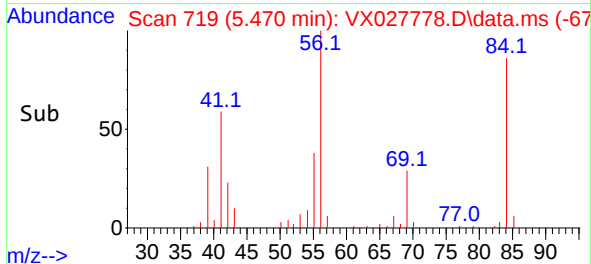
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



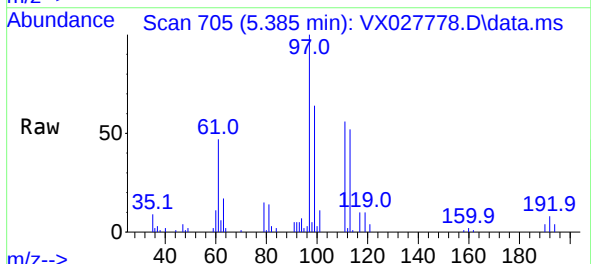
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 28.6 26.7 40.1
84 83.6 77.2 115.8

Manual Integrations
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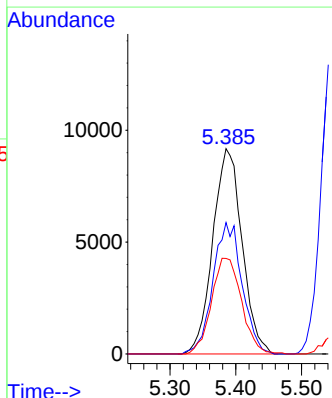
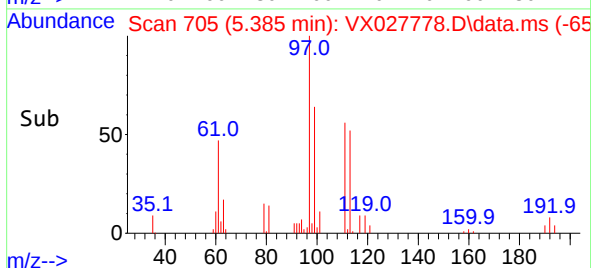
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

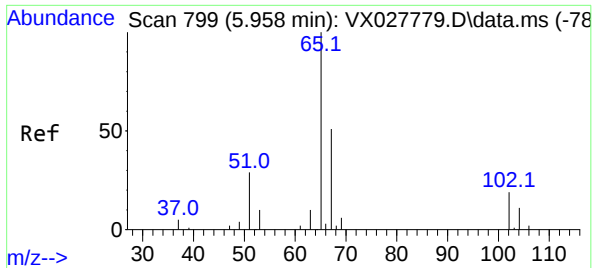


#32
1,1,1-Trichloroethane
Concen: 20.047 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion: 97 Resp: 28371
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 48.0 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 18.878 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2165

Ion Ratio Lower Upper

65 100

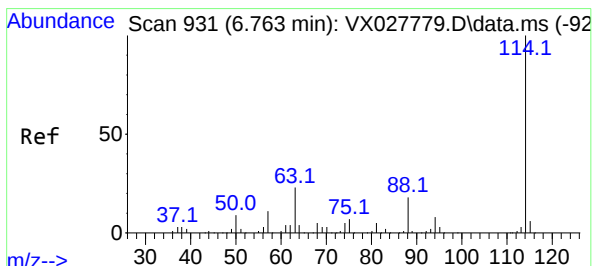
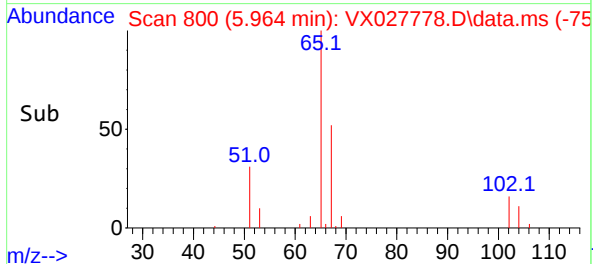
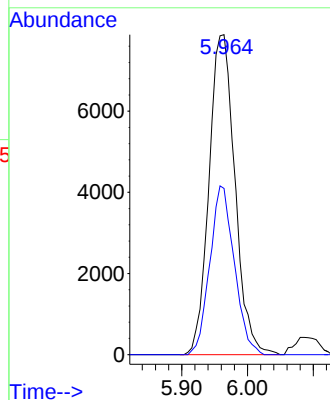
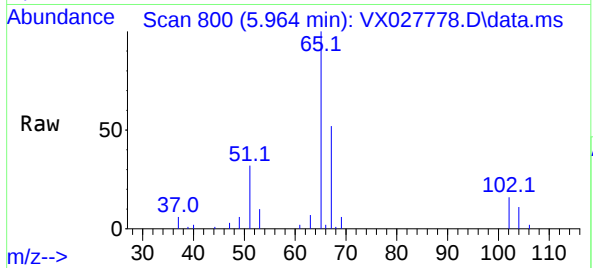
67 49.7 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

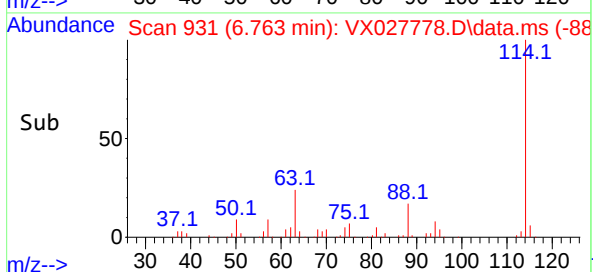
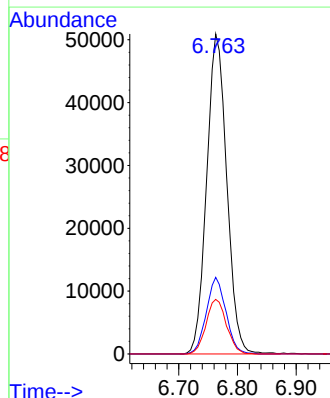
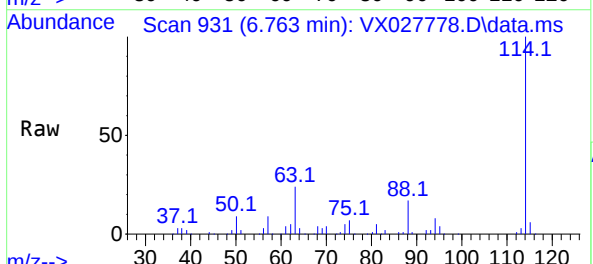
Tgt Ion:114 Resp: 120945

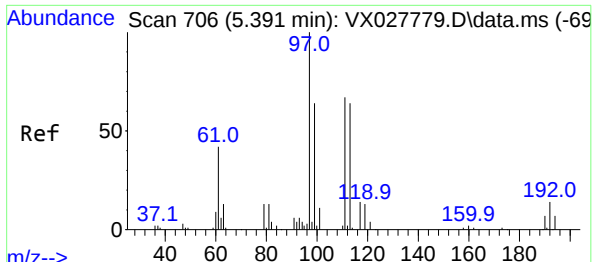
Ion Ratio Lower Upper

114 100

63 23.9 0.0 36.8

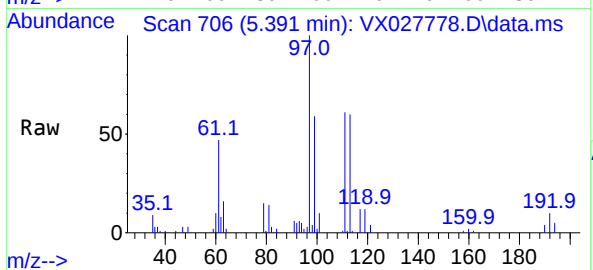
88 17.0 0.0 32.4





#35
Dibromofluoromethane
Concen: 18.599 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

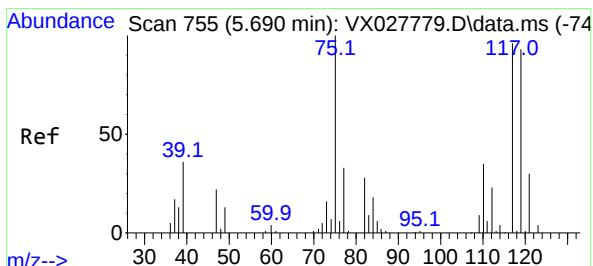
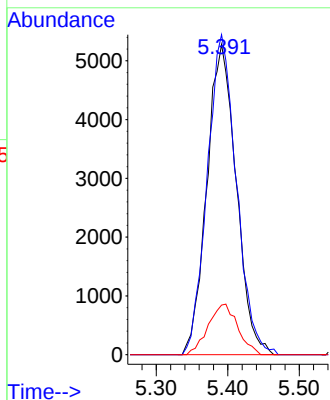
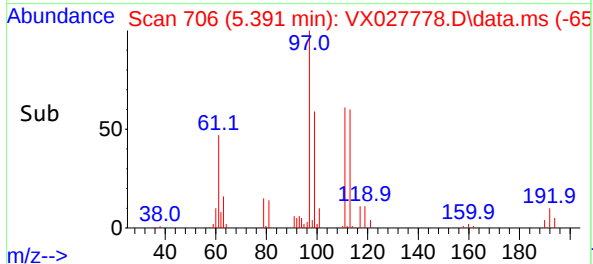
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



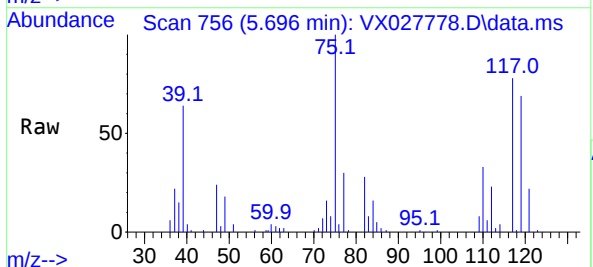
Tgt Ion: 113 Resp: 15072
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 16.4 16.9 25.3

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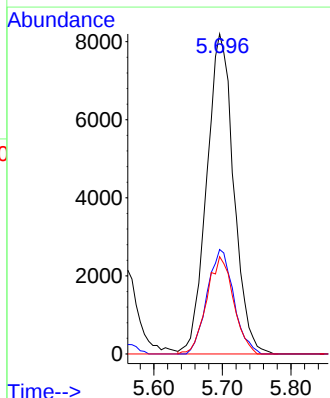
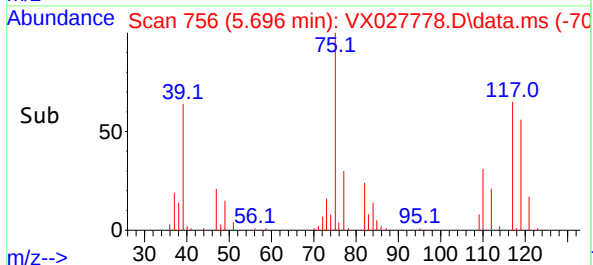
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

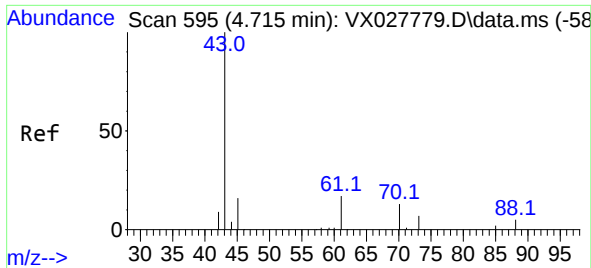


#36
1,1-Dichloropropene
Concen: 18.184 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



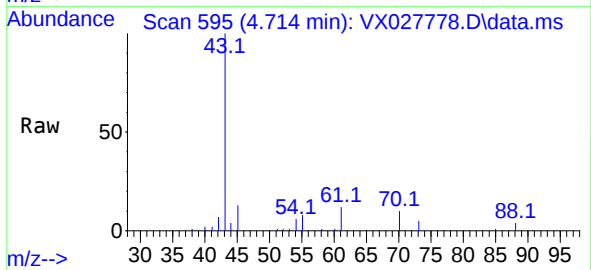
Tgt Ion: 75 Resp: 22418
Ion Ratio Lower Upper
75 100
110 32.1 18.3 54.8
77 30.2 24.8 37.2





#37
Ethyl Acetate
Concen: 20.155 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

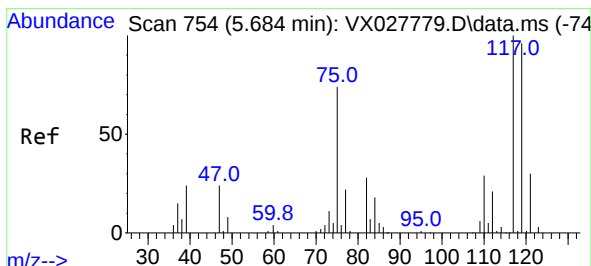
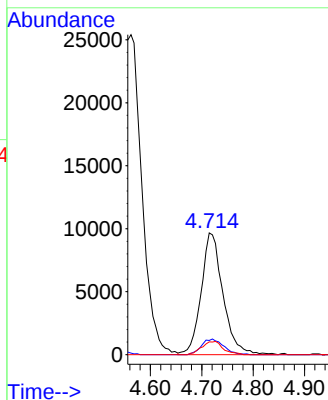
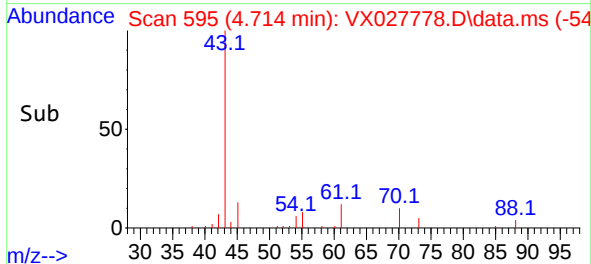
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



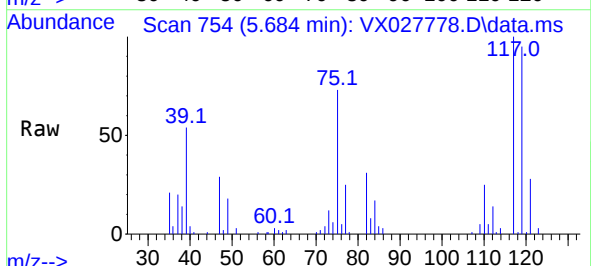
Tgt Ion: 43 Resp: 28479
Ion Ratio Lower Upper
43 100
61 13.1 12.6 19.0
70 10.7 10.2 15.2

Manual Integrations
APPROVED

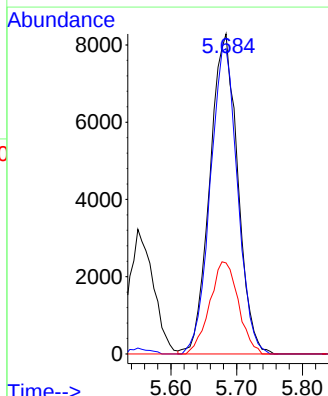
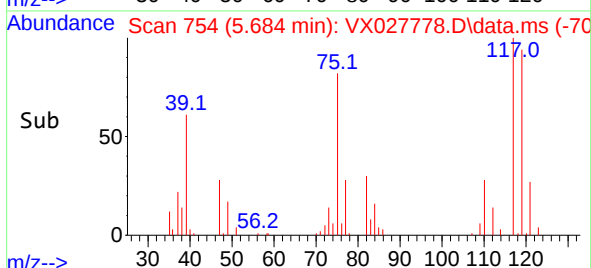
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

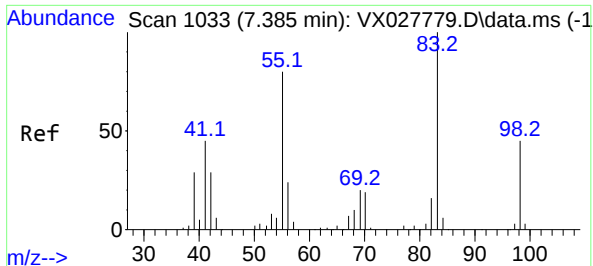


#38
Carbon Tetrachloride
Concen: 19.839 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion:117 Resp: 24364
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 17.567 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

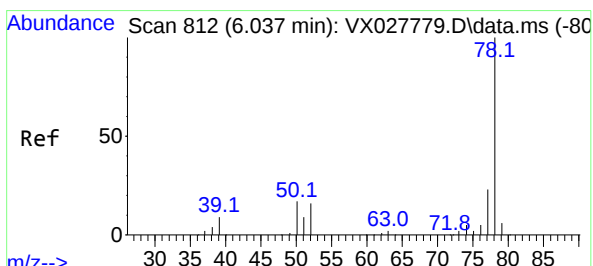
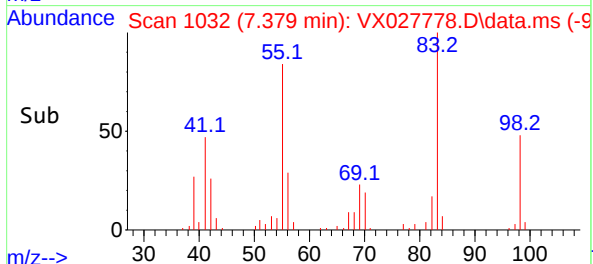
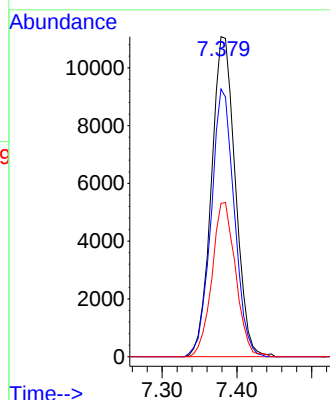
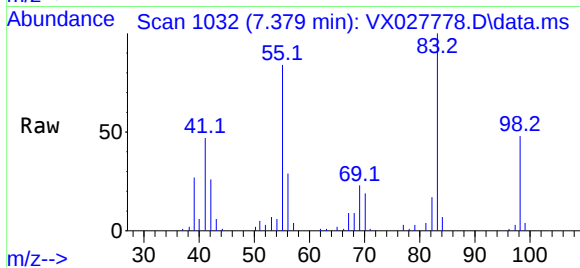
Tgt Ion: 83	Resp: 2467
Ion Ratio	Lower Upper
83	100
55	83.7 54.6 81.8
98	47.9 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#40

Benzene

Concen: 18.788 ug/l

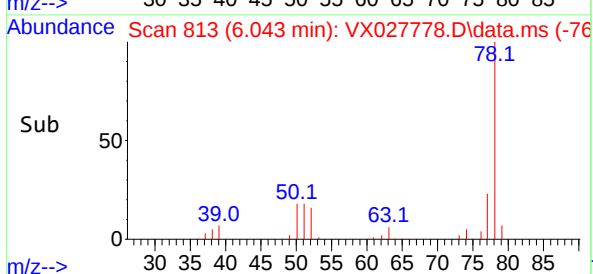
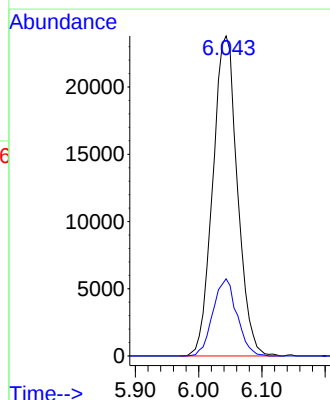
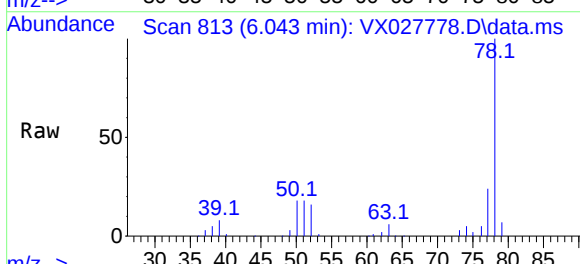
RT: 6.043 min Scan# 813

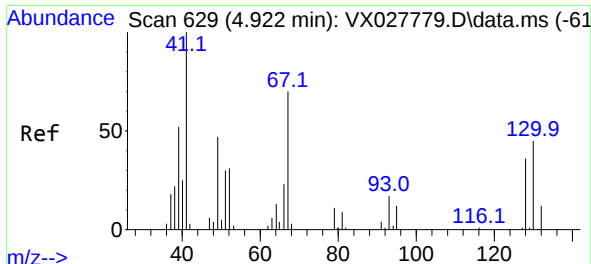
Delta R.T. 0.006 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

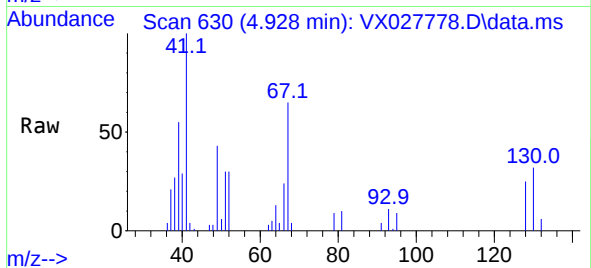
Tgt Ion: 78	Resp: 64275
Ion Ratio	Lower Upper
78	100
77	24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 20.604 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

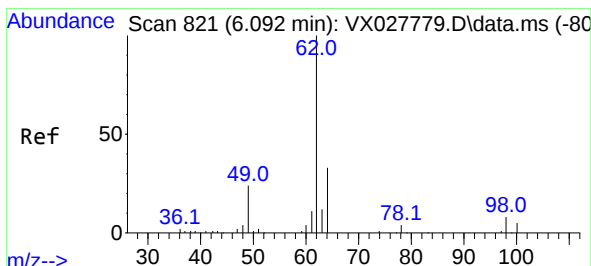
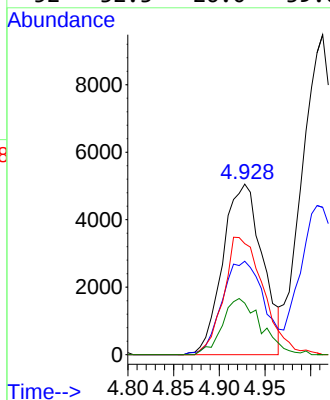
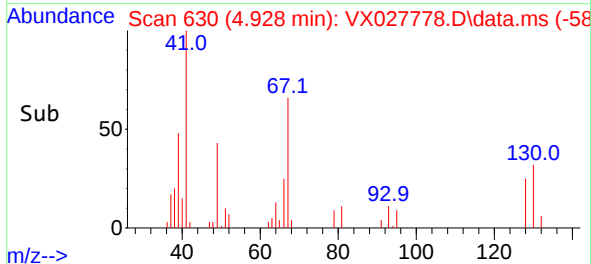
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



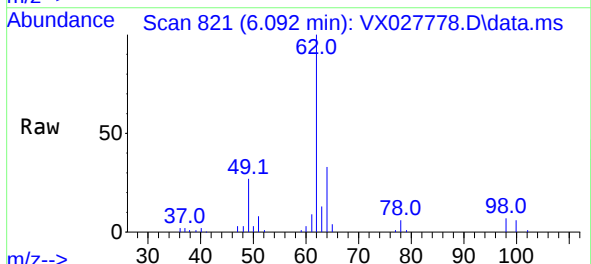
Tgt Ion: 41 Resp: 1529
Ion Ratio Lower Upper
41 100
39 59.2 43.0 64.4
67 69.1 70.2 105.4
52 32.3 26.0 39.0

Manual Integrations
APPROVED

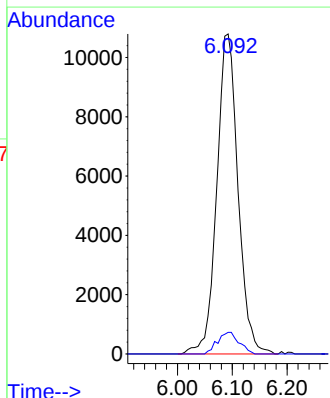
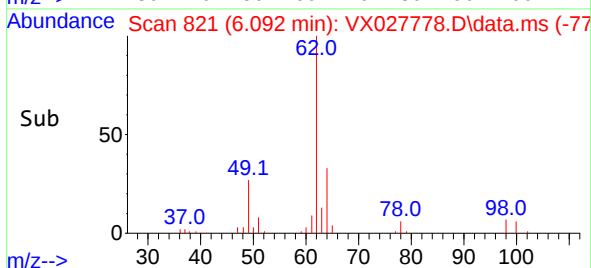
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

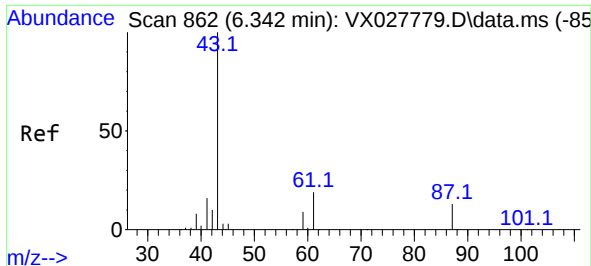


#42
1,2-Dichloroethane
Concen: 20.059 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



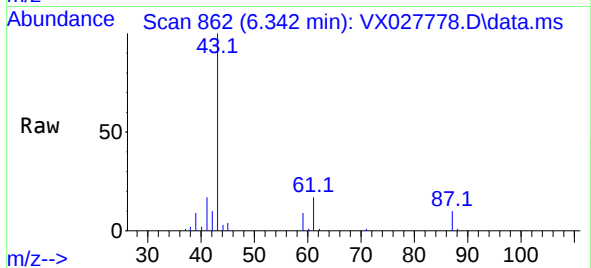
Tgt Ion: 62 Resp: 29042
Ion Ratio Lower Upper
62 100
98 6.9 0.0 20.4





#43
Isopropyl Acetate
Concen: 20.192 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

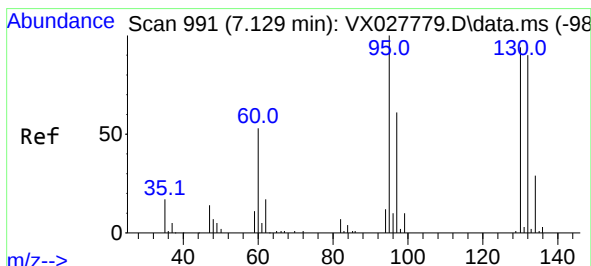
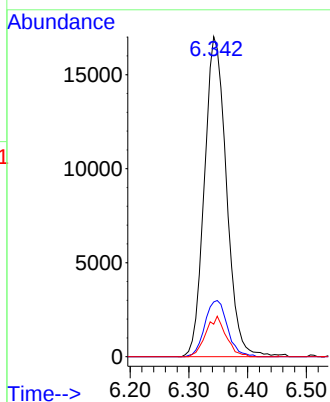
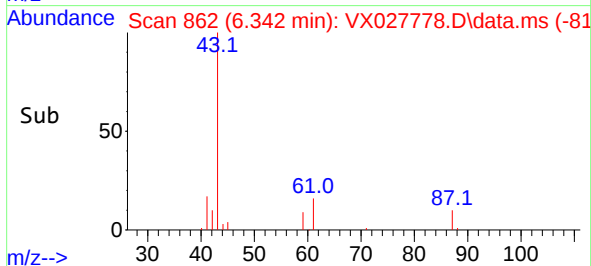
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



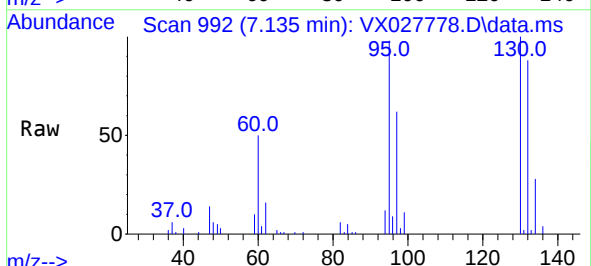
Tgt Ion: 43 Resp: 44278
Ion Ratio Lower Upper
43 100
61 18.0 18.5 27.7
87 11.6 13.0 19.6

Manual Integrations
APPROVED

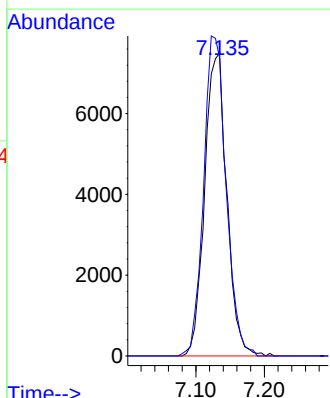
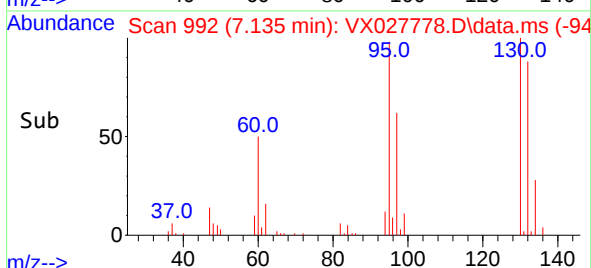
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

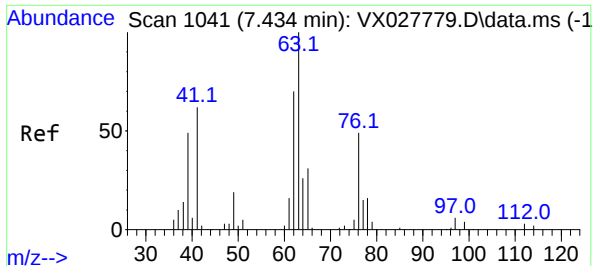


#44
Trichloroethene
Concen: 18.832 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion:130 Resp: 16908
Ion Ratio Lower Upper
130 100
95 98.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 18.882 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 1705

Ion Ratio Lower Upper

63 100

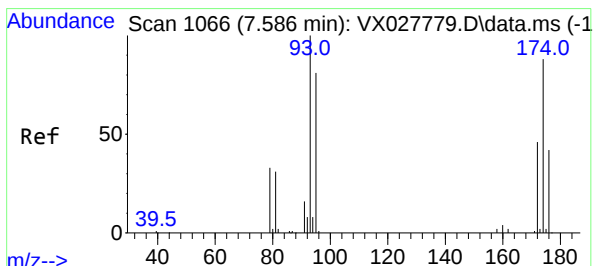
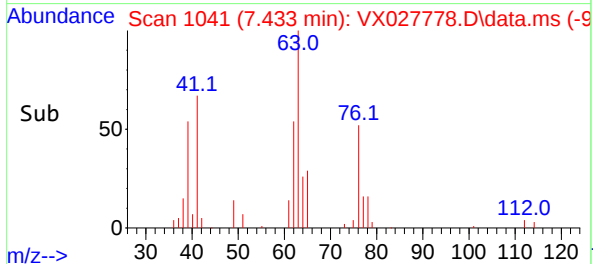
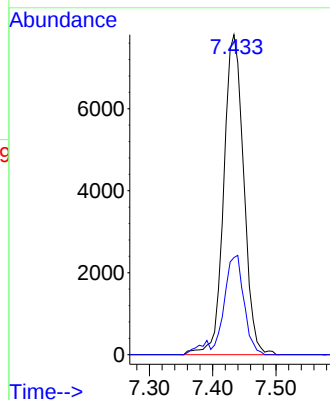
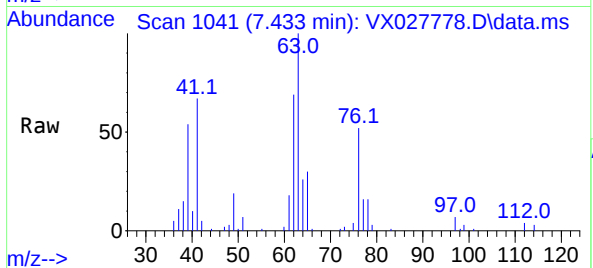
65 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 19.711 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

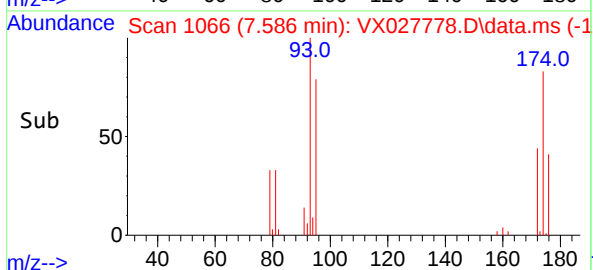
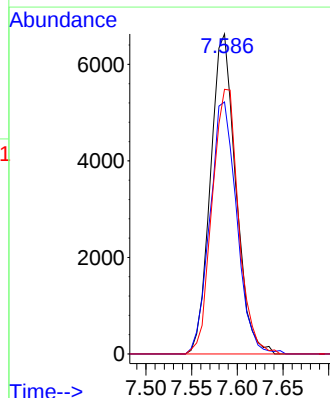
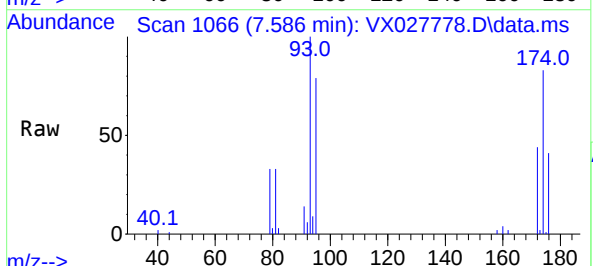
Tgt Ion: 93 Resp: 12790

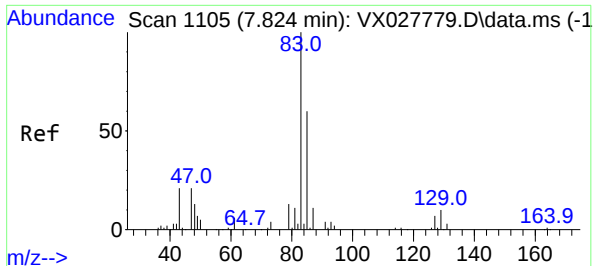
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.6

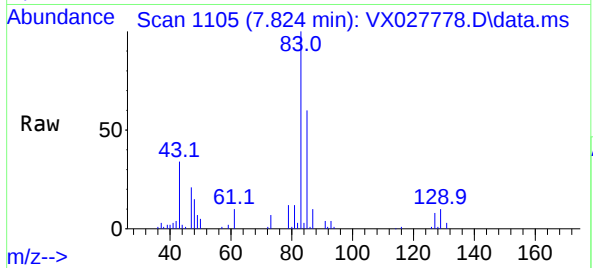
174 86.1 85.4 128.2





#47
Bromodichloromethane
Concen: 19.433 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

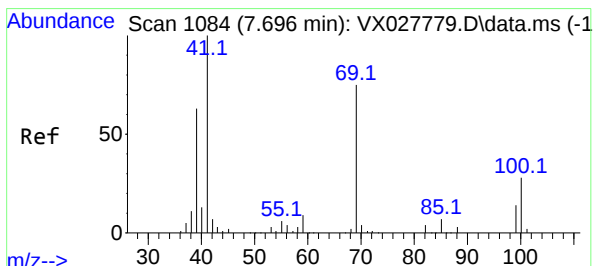
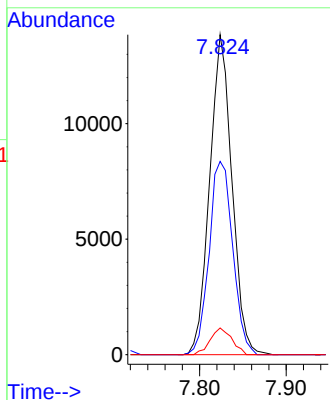
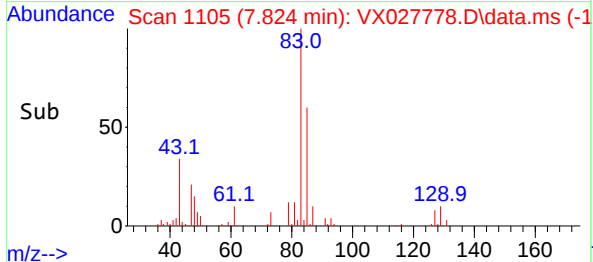
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



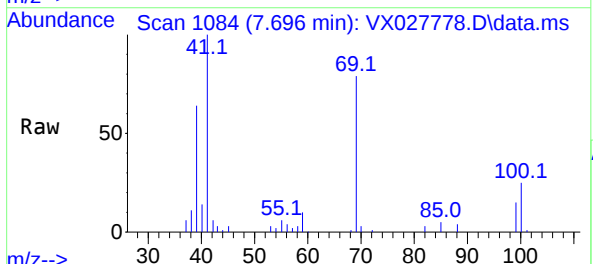
Tgt Ion: 83 Resp: 24720
Ion Ratio Lower Upper
83 100
85 60.4 52.2 78.2
127 8.3 6.8 10.2

Manual Integrations
APPROVED

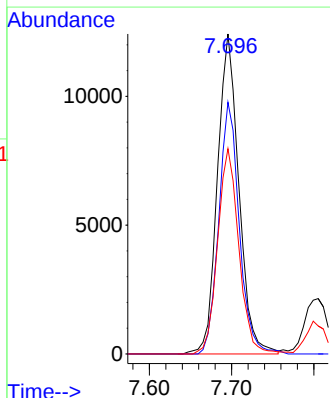
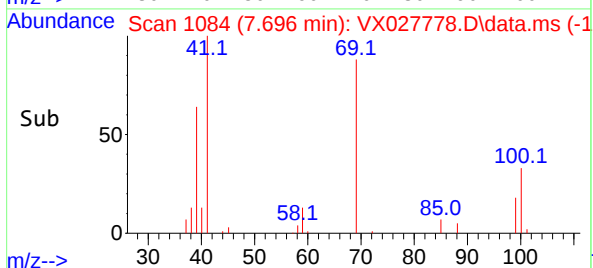
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

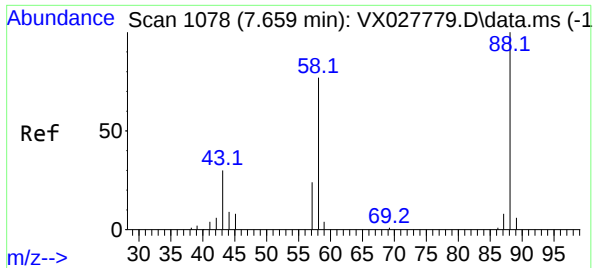


#48
Methyl methacrylate
Concen: 20.776 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



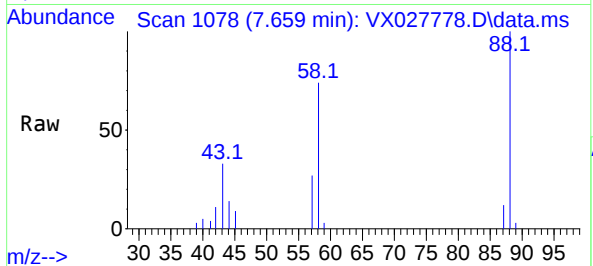
Tgt Ion: 41 Resp: 22459
Ion Ratio Lower Upper
41 100
69 75.4 82.5 123.7#
39 63.6 43.8 65.8





#49
1,4-Dioxane
Concen: 373.430 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

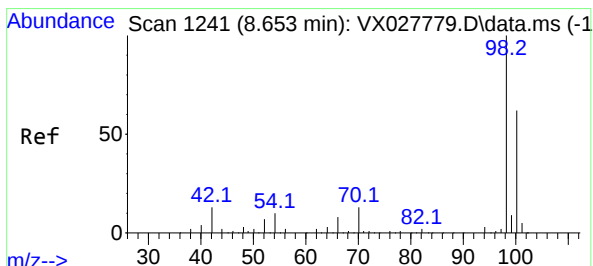
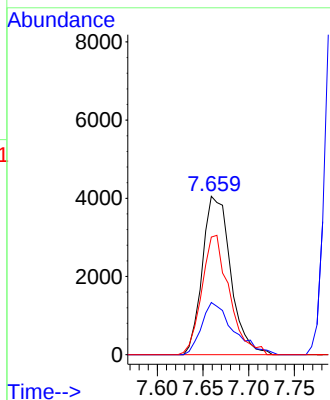
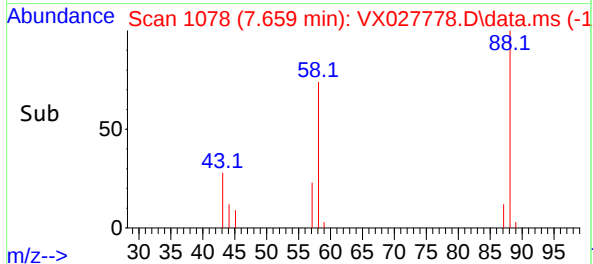
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 8699
Ion Ratio Lower Upper
88 100
43 37.1 21.9 32.9
58 73.4 53.7 80.5

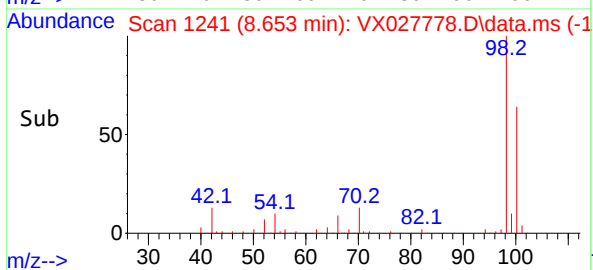
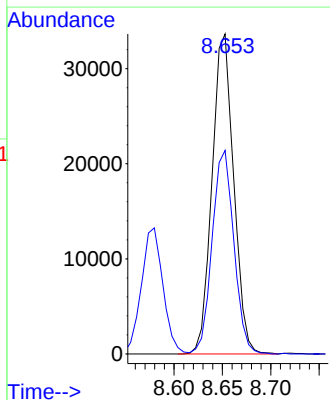
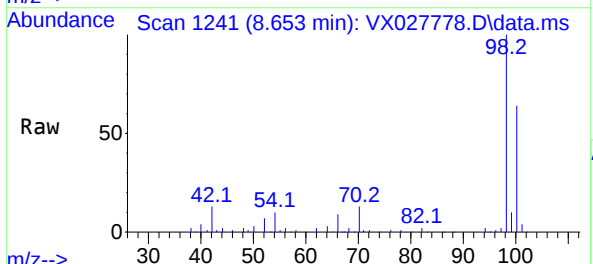
Manual Integrations
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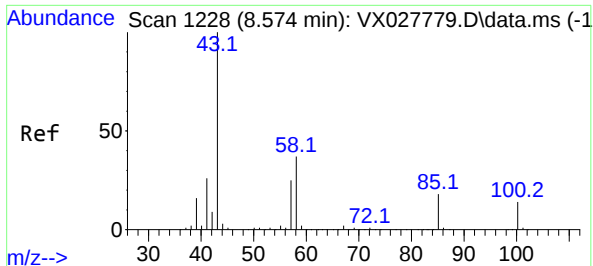
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#50
Toluene-d8
Concen: 17.001 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 98 Resp: 52321
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8





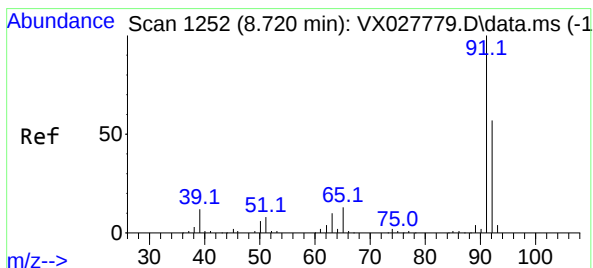
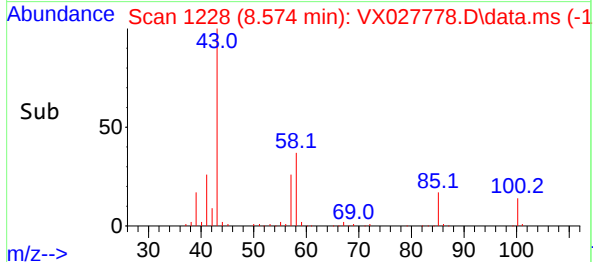
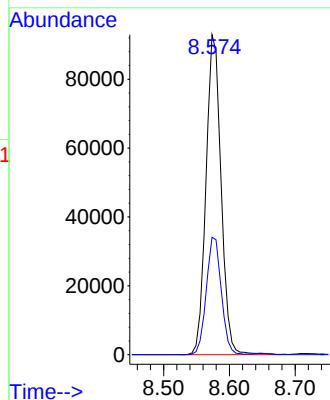
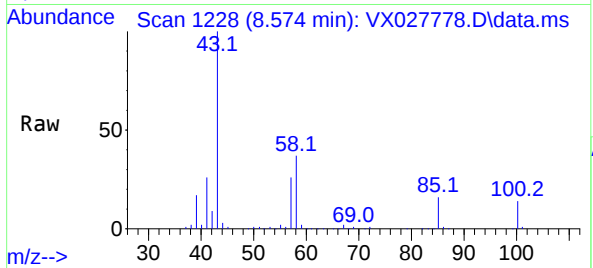
#51
4-Methyl-2-Pentanone
Concen: 98.578 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 14824
Ion Ratio Lower Upper
43 100
58 36.7 36.1 54.1

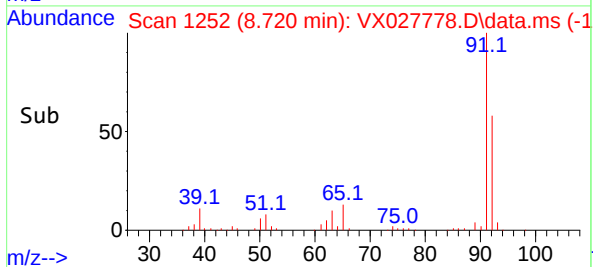
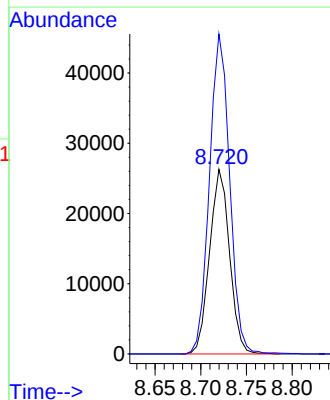
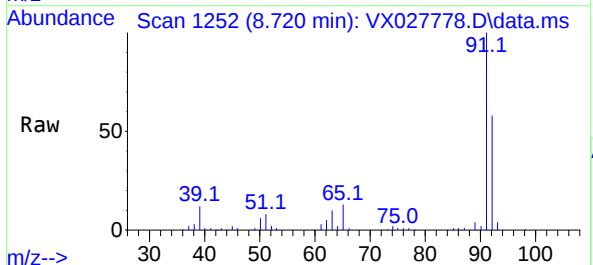
Manual Integrations
APPROVED

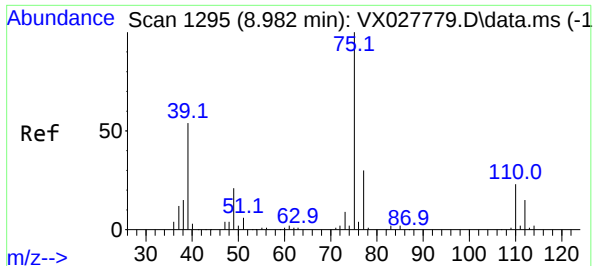
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#52
Toluene
Concen: 18.586 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 92 Resp: 39909
Ion Ratio Lower Upper
92 100
91 175.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.783 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 24940

Ion Ratio Lower Upper

75 100

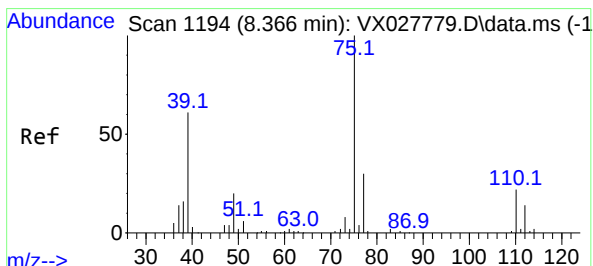
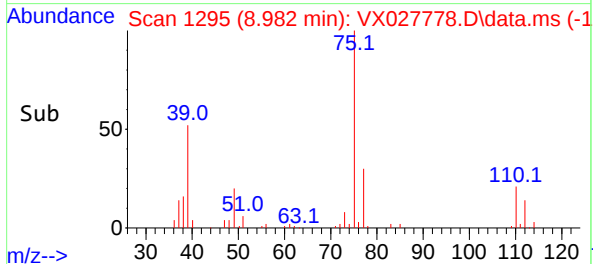
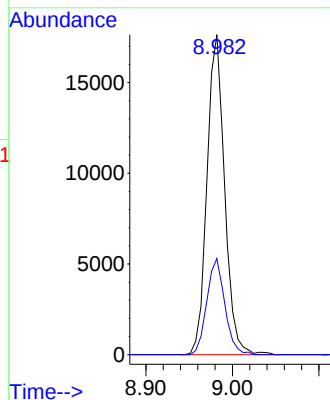
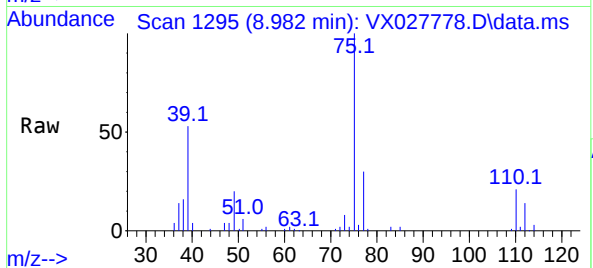
77 30.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#54

cis-1,3-Dichloropropene

Concen: 18.941 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

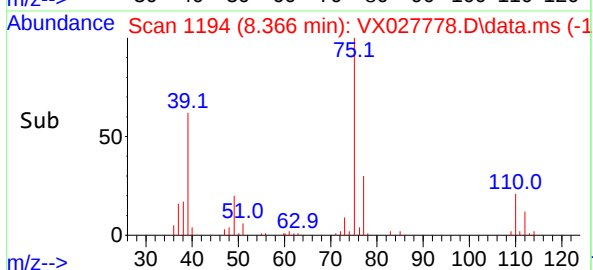
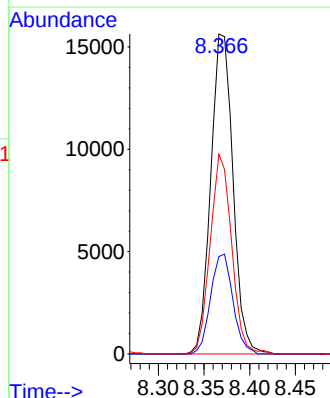
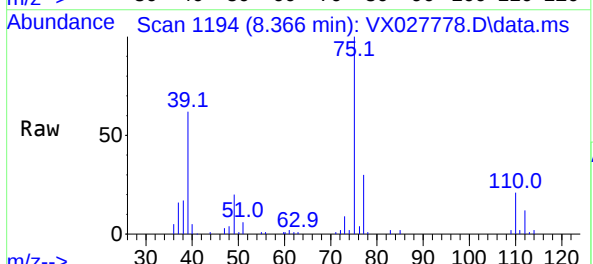
Tgt Ion: 75 Resp: 26419

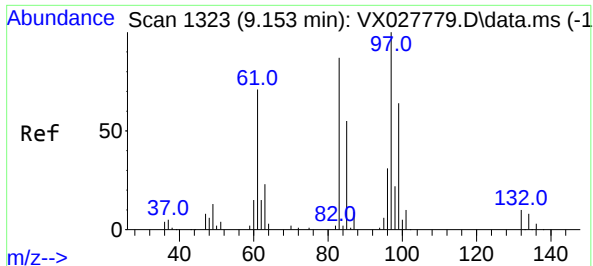
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

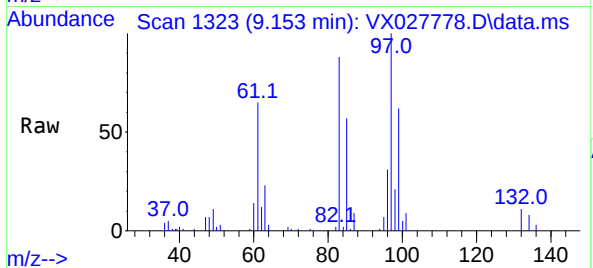
39 62.4 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 20.420 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

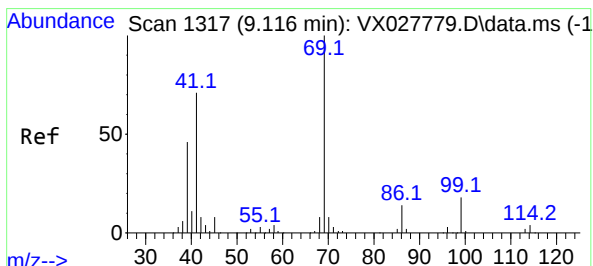
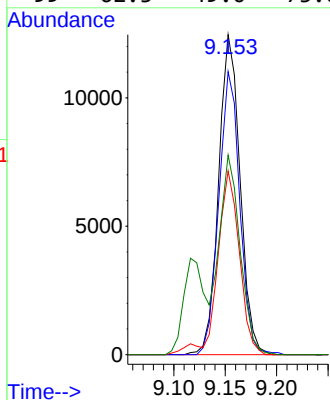
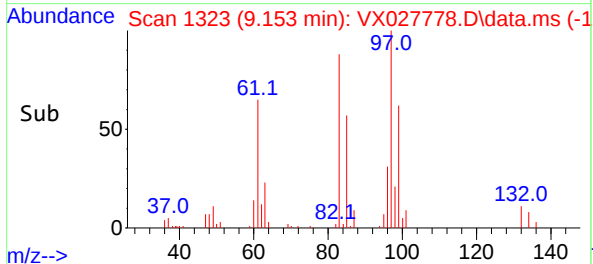


Tgt Ion: 97 Resp: 1801

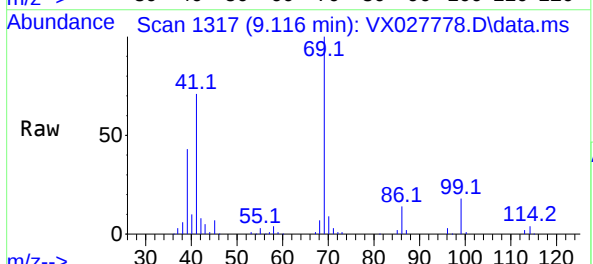
Ion	Ratio	Lower	Upper
97	100		
83	88.4	66.2	99.4
85	57.4	42.9	64.3
99	62.3	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

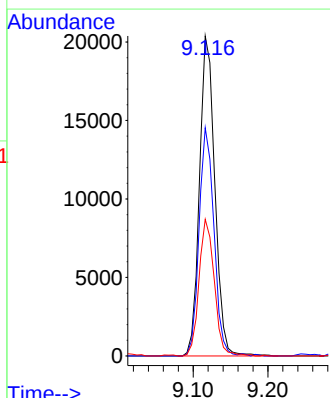
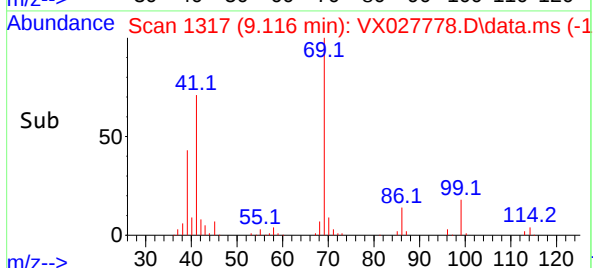


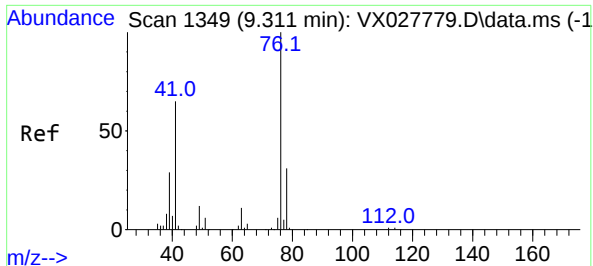
#56
Ethyl methacrylate
Concen: 20.341 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion: 69 Resp: 29115

Ion	Ratio	Lower	Upper
69	100		
41	69.1	43.8	65.6#
39	42.4	22.2	33.2#





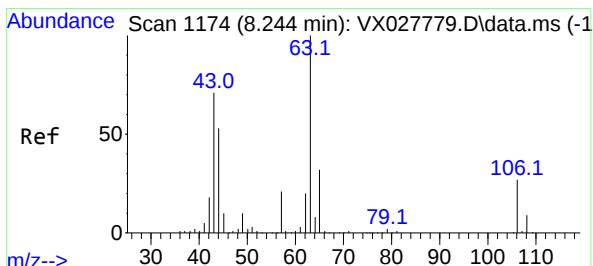
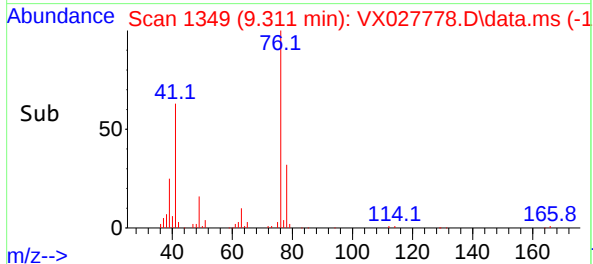
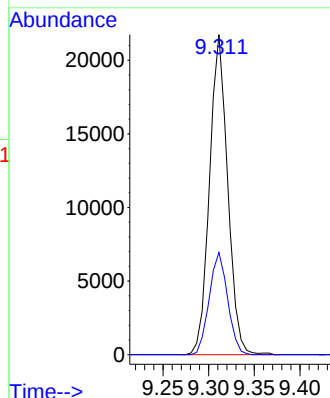
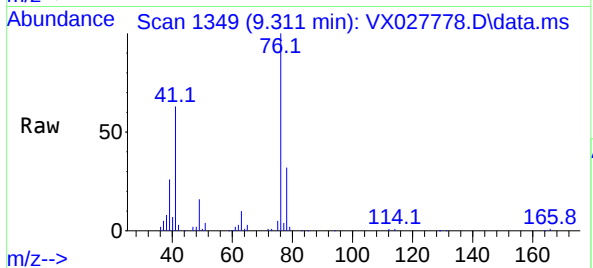
#57
1,3-Dichloropropane
Concen: 18.990 ug/l
RT: 9.311 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 2996
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

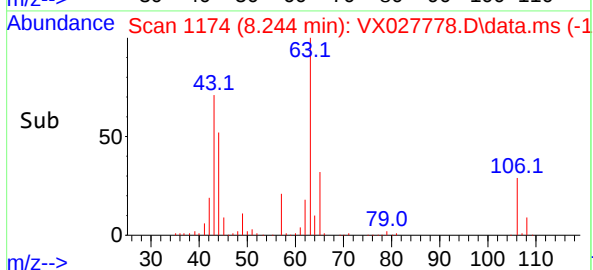
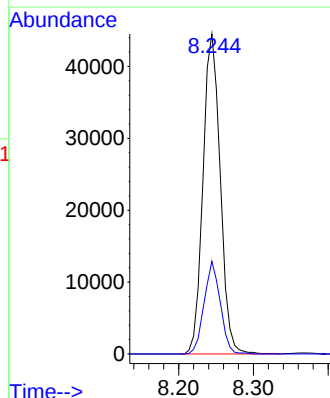
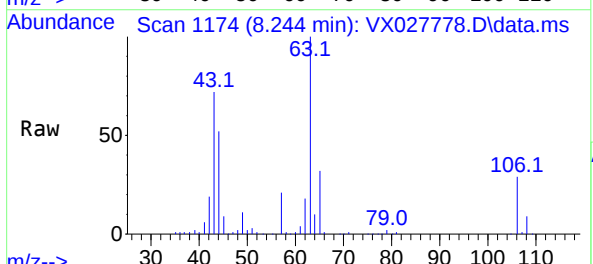
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#58
2-Chloroethyl Vinyl ether
Concen: 97.948 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 63 Resp: 71511
Ion Ratio Lower Upper
63 100
106 27.1 23.9 35.9





#59

2-Hexanone

Concen: 93.190 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 10972

Ion Ratio Lower Upper

43 100

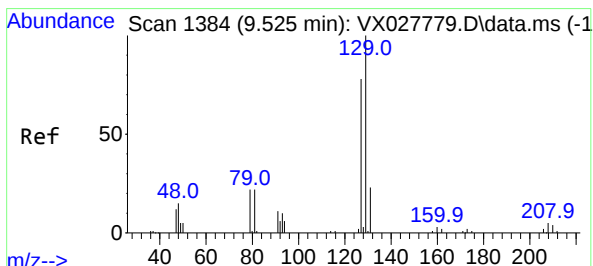
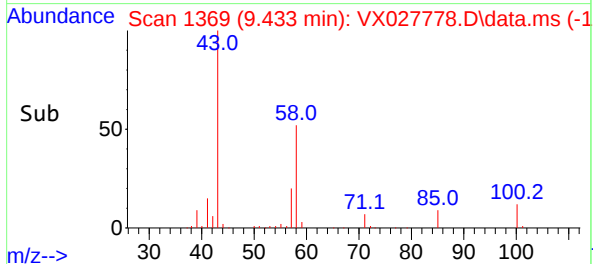
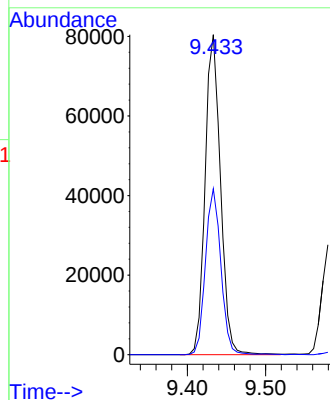
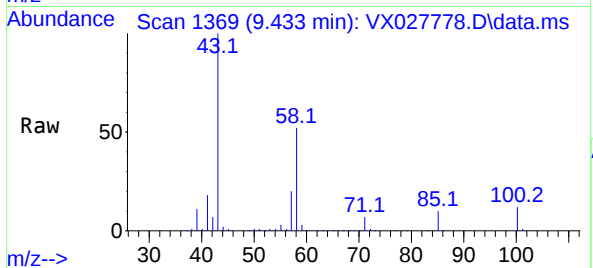
58 51.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#60

Dibromochloromethane

Concen: 20.678 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX027778.D

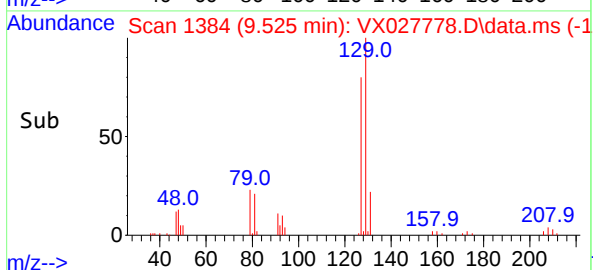
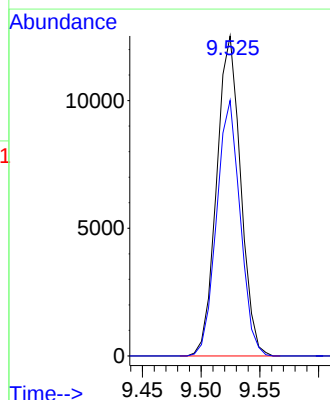
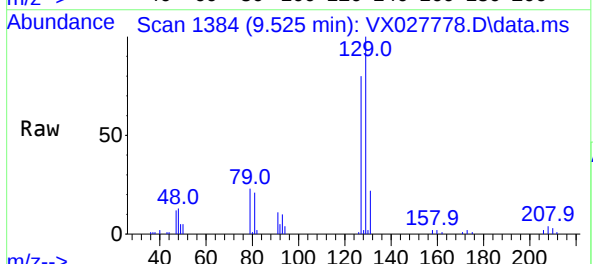
Acq: 29 Mar 2022 16:48

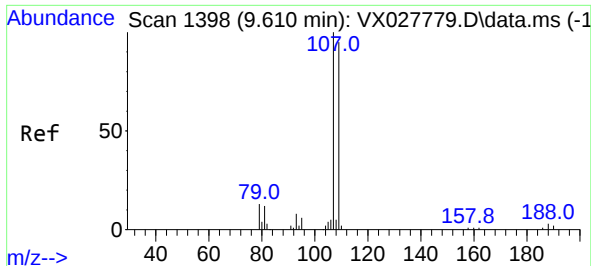
Tgt Ion:129 Resp: 17835

Ion Ratio Lower Upper

129 100

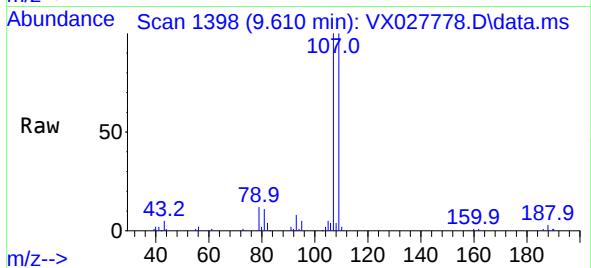
127 78.3 40.3 120.8





#61
1,2-Dibromoethane
Concen: 19.891 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

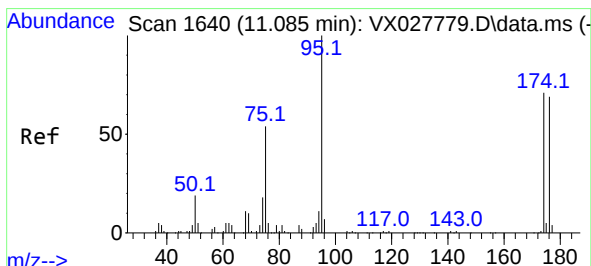
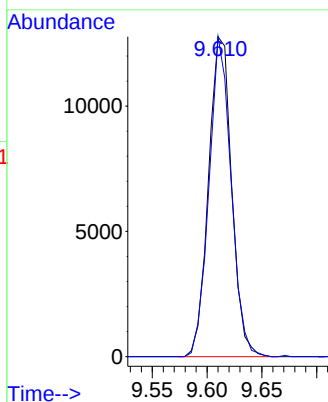
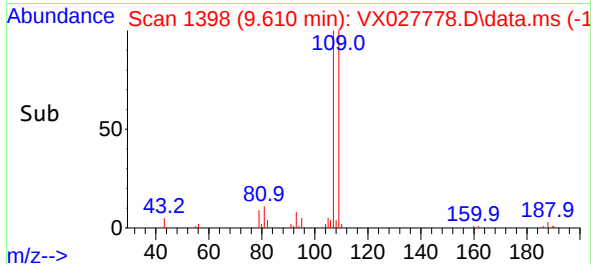
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



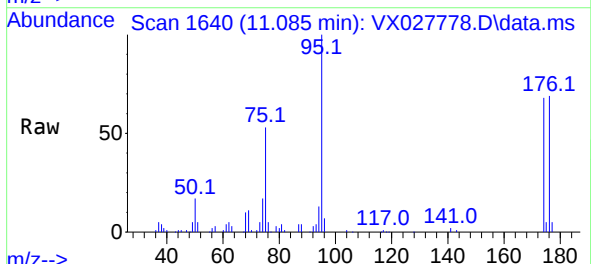
Tgt Ion:107 Resp: 18749
Ion Ratio Lower Upper
107 100
109 95.3 74.4 111.6

Manual Integrations
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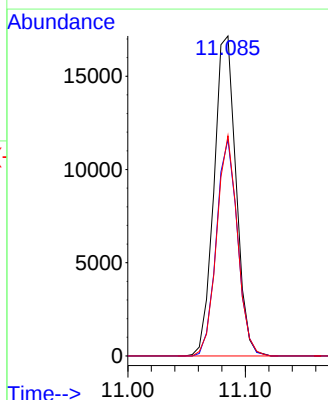
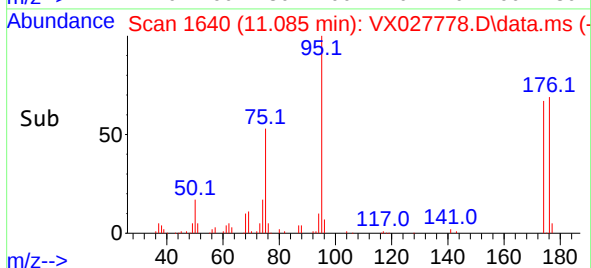
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

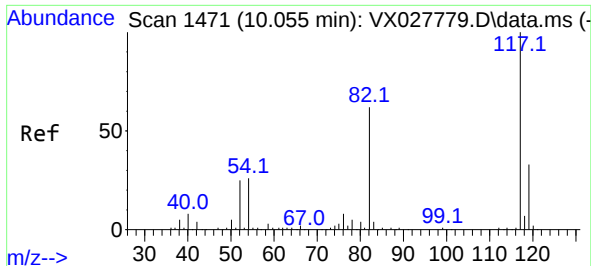


#62
4-Bromofluorobenzene
Concen: 17.759 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



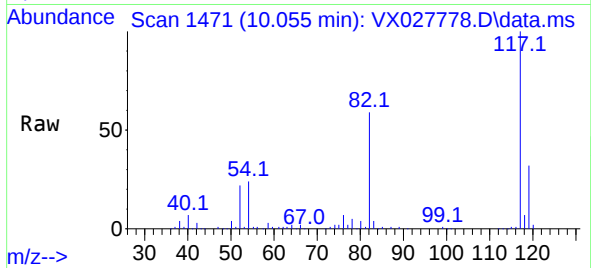
Tgt Ion: 95 Resp: 22431
Ion Ratio Lower Upper
95 100
174 64.9 0.0 163.0
176 64.9 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

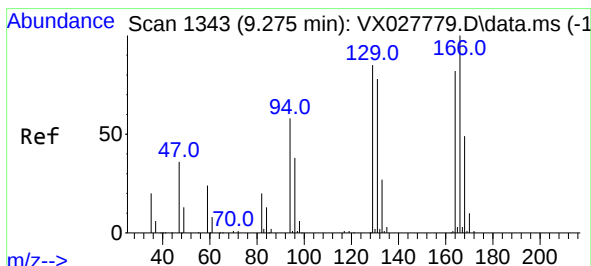
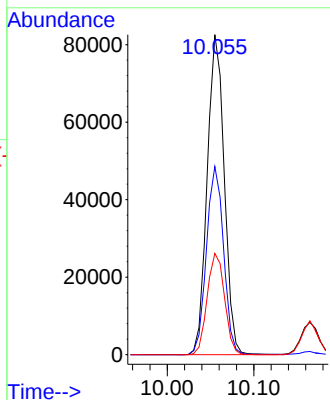
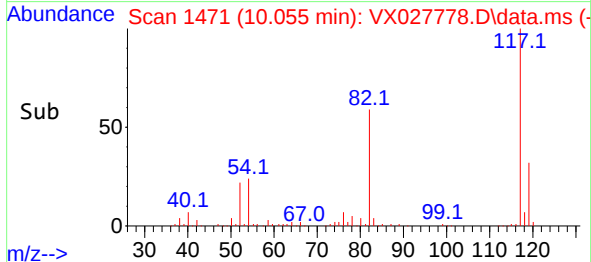
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



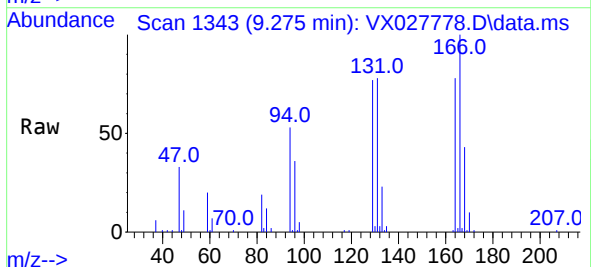
Tgt Ion:117 Resp: 113328
Ion Ratio Lower Upper
117 100
82 58.8 41.8 62.8
119 31.7 24.8 37.2

Manual Integrations
APPROVED

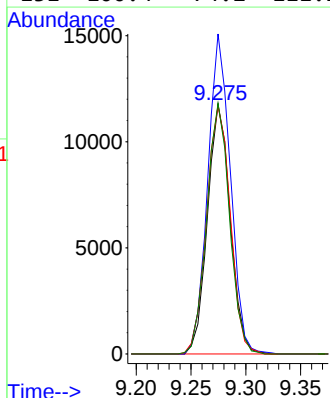
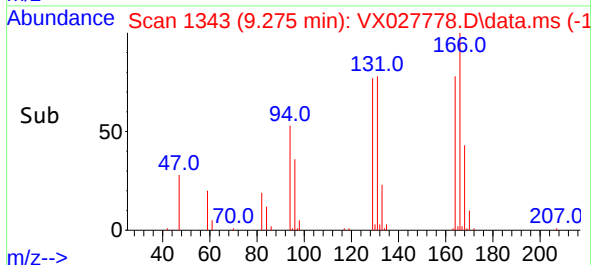
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

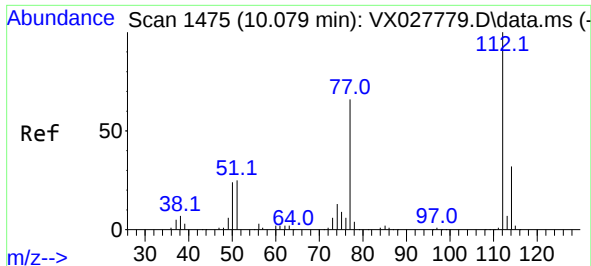


#64
Tetrachloroethene
Concen: 19.881 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion:164 Resp: 16976
Ion Ratio Lower Upper
164 100
166 128.3 101.2 151.8
129 99.3 73.0 109.4
131 100.4 74.2 111.2





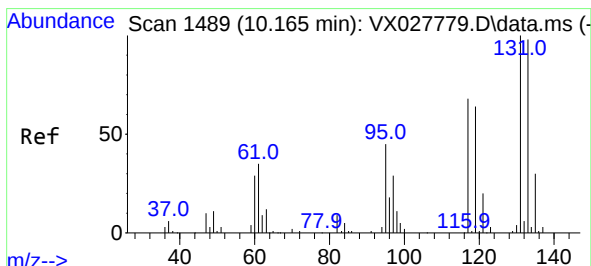
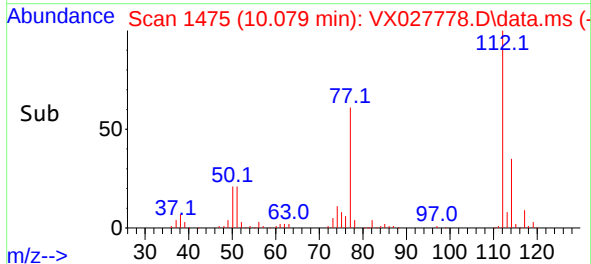
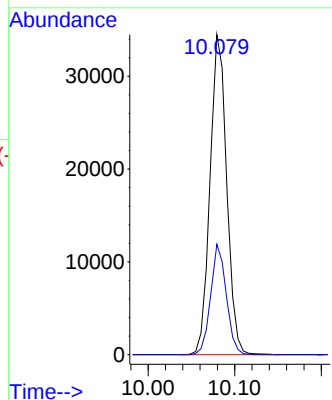
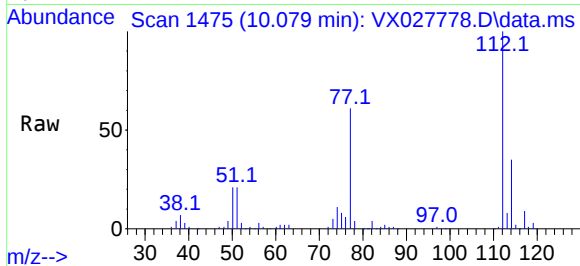
#65
Chlorobenzene
Concen: 19.293 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 46100
Ion Ratio Lower Upper
112 100
114 34.5 25.8 38.8

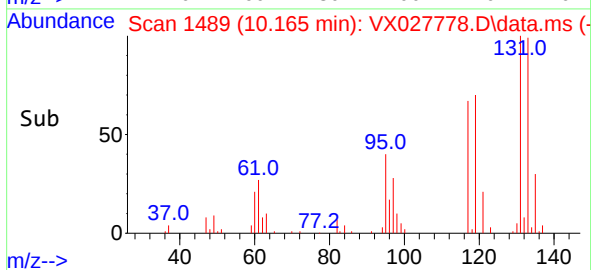
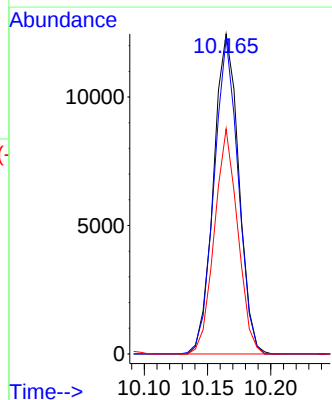
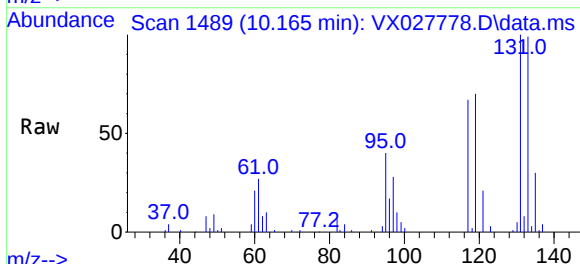
Manual Integrations
APPROVED

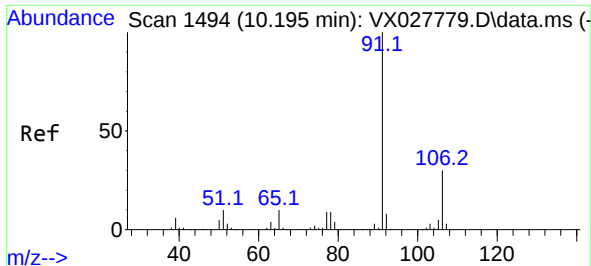
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.586 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion:131 Resp: 17194
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.8
119 65.3 32.6 98.0





#67

Ethyl Benzene

Concen: 18.420 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 8158

Ion Ratio Lower Upper

91 100

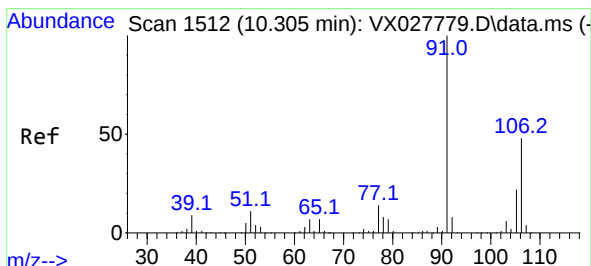
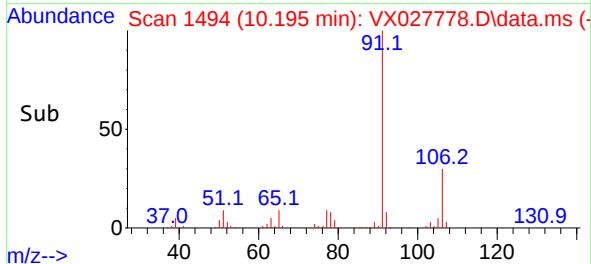
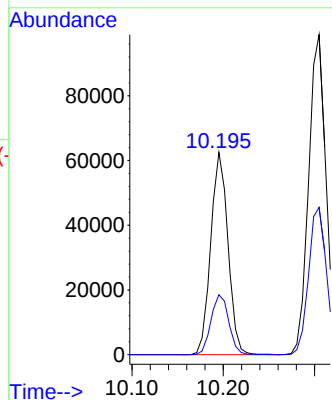
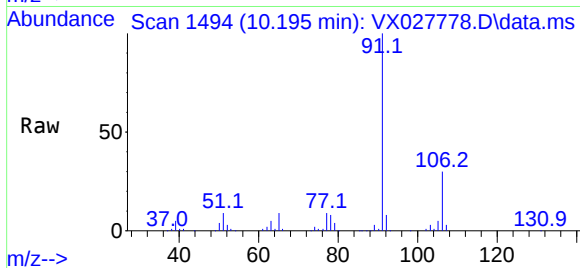
106 29.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#68

m/p-Xylenes

Concen: 38.971 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027778.D

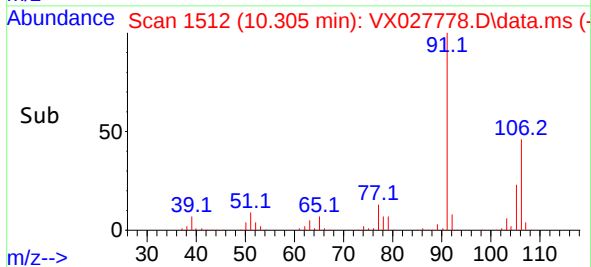
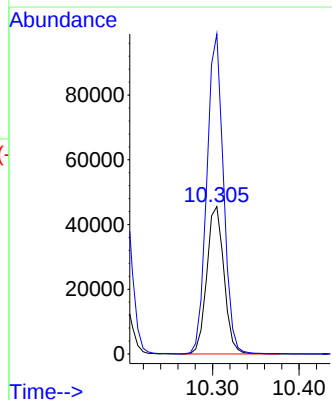
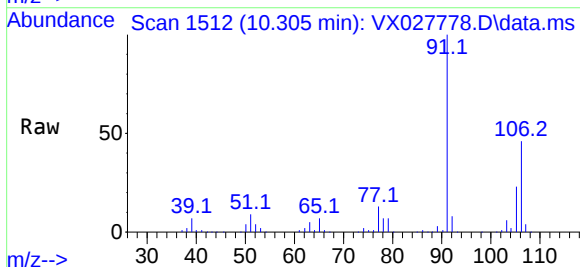
Acq: 29 Mar 2022 16:48

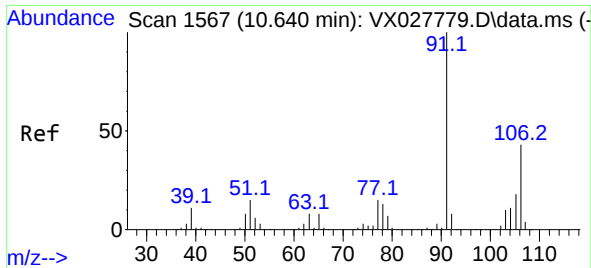
Tgt Ion:106 Resp: 62648

Ion Ratio Lower Upper

106 100

91 210.7 160.4 240.6





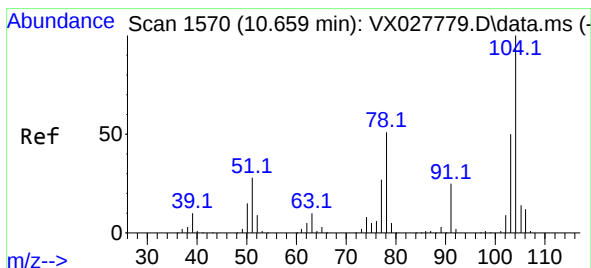
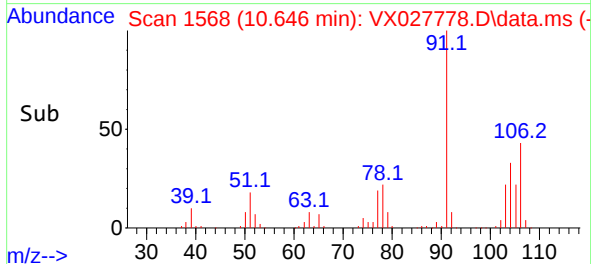
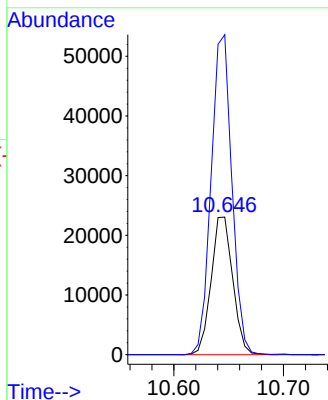
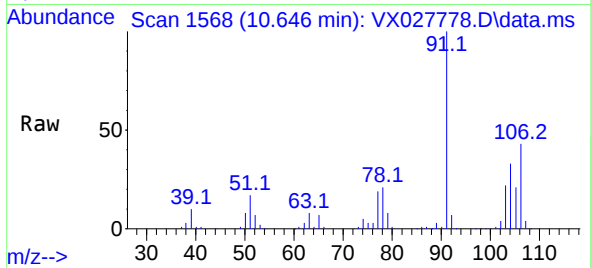
#69
o-Xylene
Concen: 19.520 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 3161
Ion Ratio Lower Upper
106 100
91 223.7 106.1 318.1

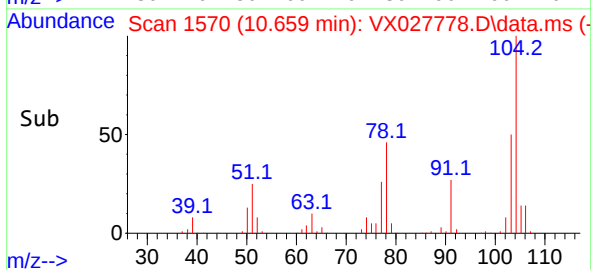
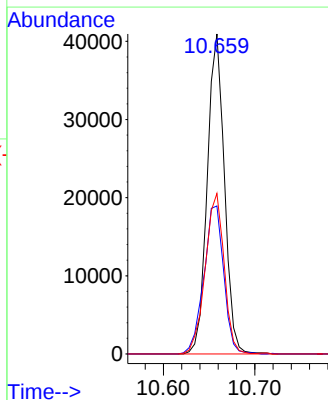
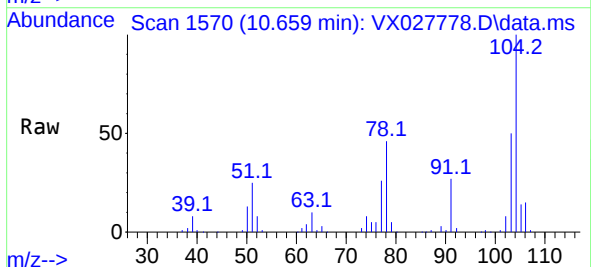
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#70
Styrene
Concen: 20.647 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

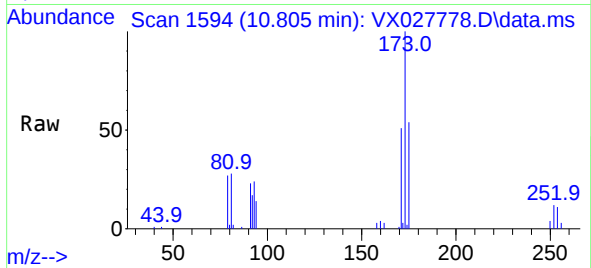
Tgt Ion:104 Resp: 53267
Ion Ratio Lower Upper
104 100
78 53.7 38.6 57.8
103 55.2 43.8 65.8





#71
Bromoform
Concen: 19.976 ug/l
RT: 10.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

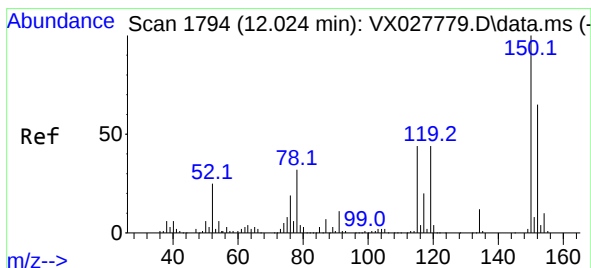
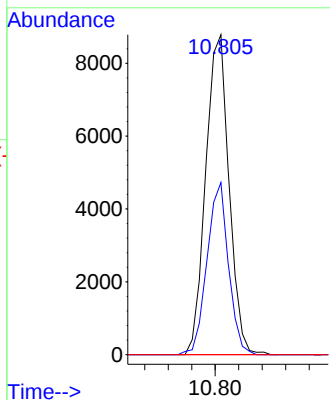
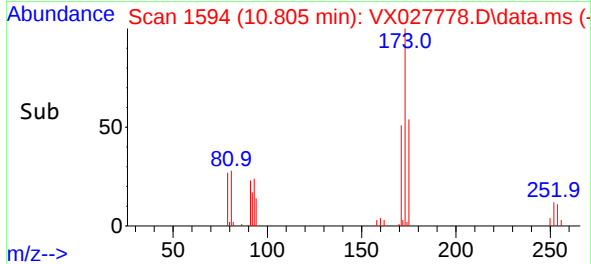
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



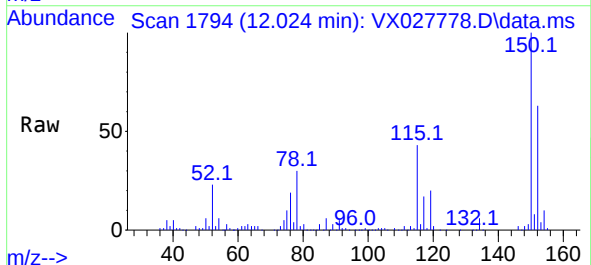
Tgt Ion:173 Resp: 1211
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
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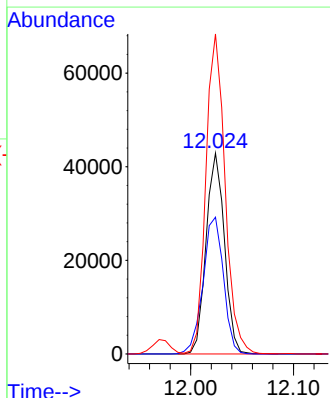
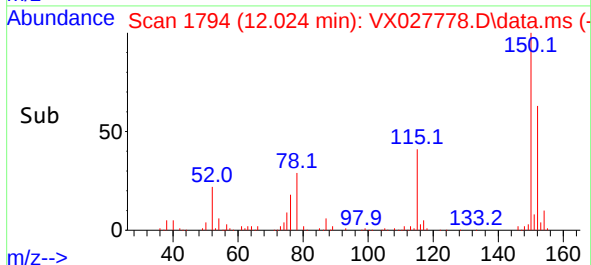
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

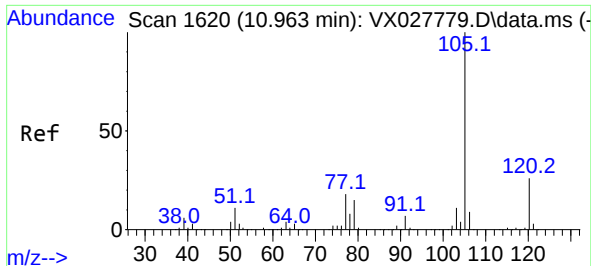


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion:152 Resp: 53439
Ion Ratio Lower Upper
152 100
115 75.8 37.5 112.7
150 166.1 0.0 338.2





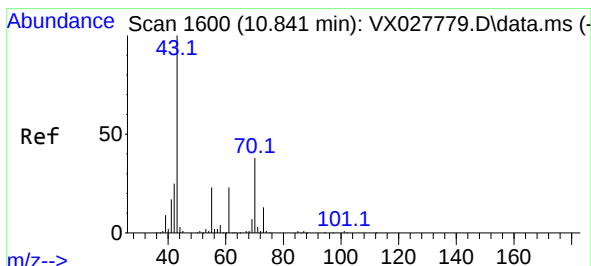
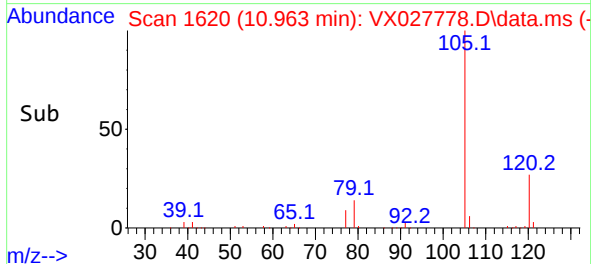
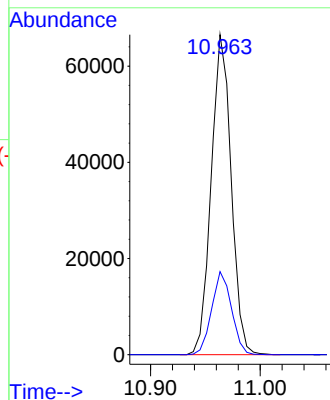
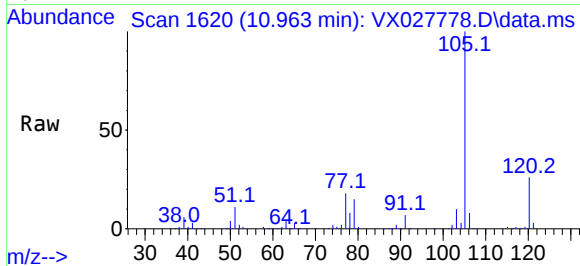
#73
Isopropylbenzene
Concen: 19.406 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 8422
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5

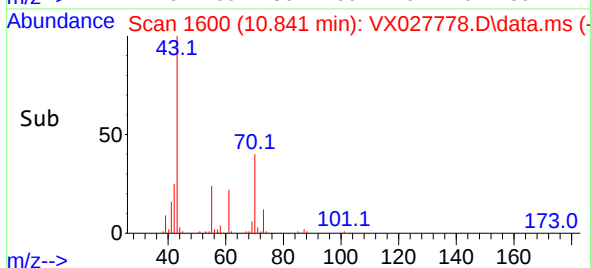
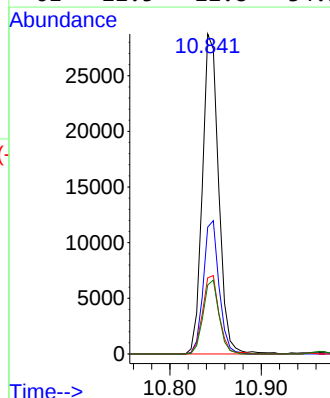
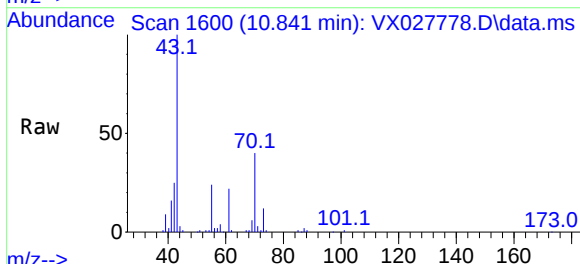
Manual Integrations
APPROVED

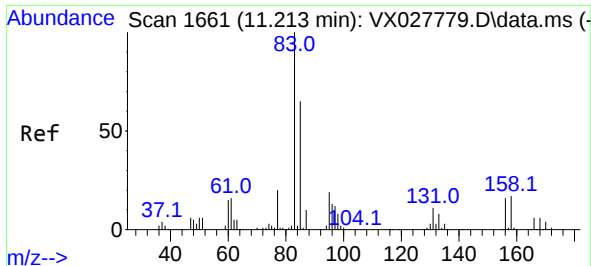
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#74
N-ethyl acetate
Concen: 17.063 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Tgt Ion: 43 Resp: 35449
Ion Ratio Lower Upper
43 100
70 40.1 42.5 63.7#
55 24.9 23.1 34.7
61 22.5 22.8 34.2#





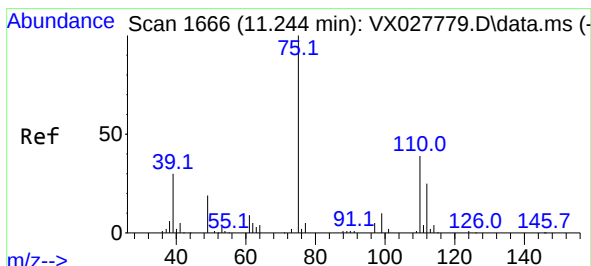
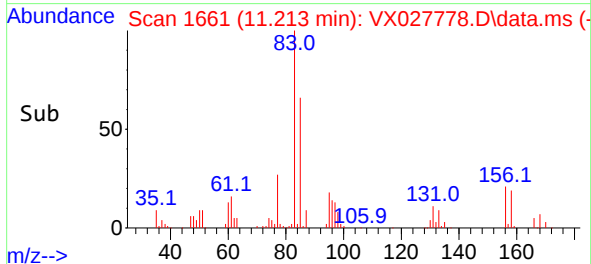
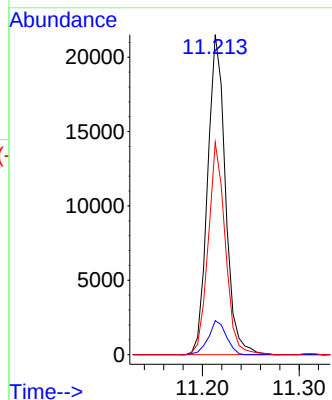
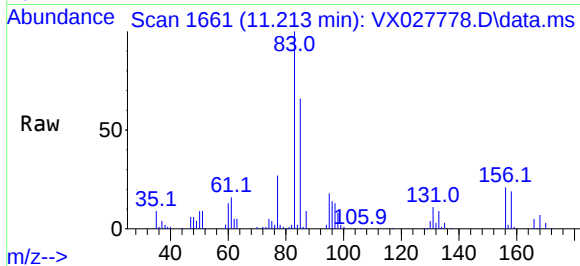
#75
1,1,2,2-Tetrachloroethane
Concen: 17.952 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 2754
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 63.8 32.6 97.7

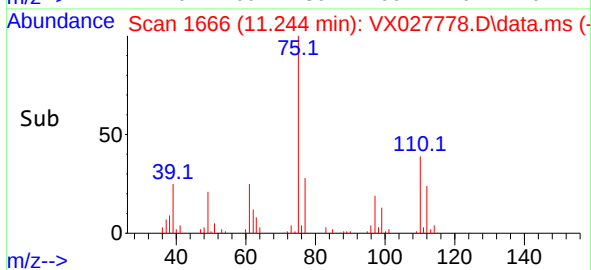
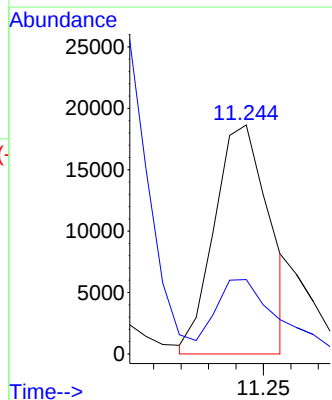
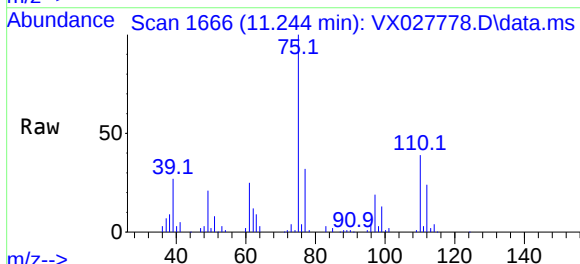
Manual Integrations
APPROVED

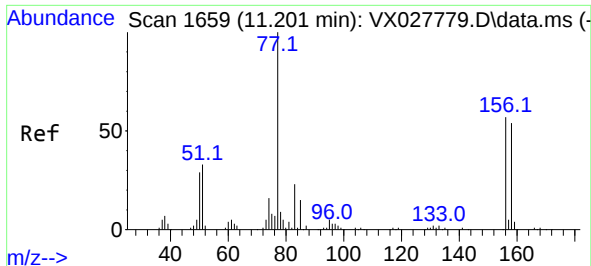
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#76
1,2,3-Trichloropropane
Concen: 17.559 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

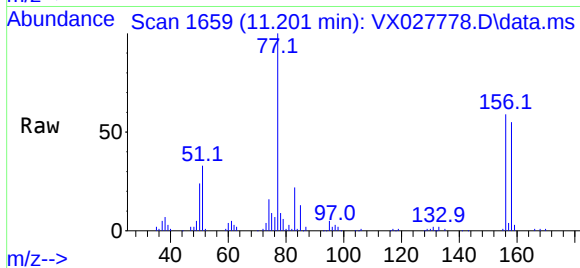
Tgt Ion: 75 Resp: 25766
Ion Ratio Lower Upper
75 100
77 37.7 19.4 58.2





#77
Bromobenzene
Concen: 20.067 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

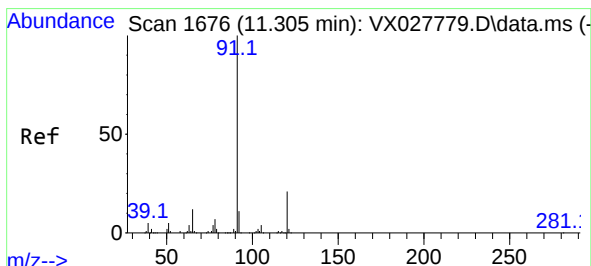
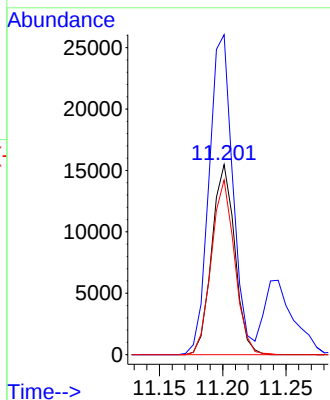
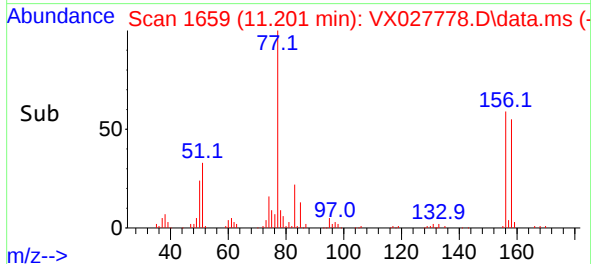
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



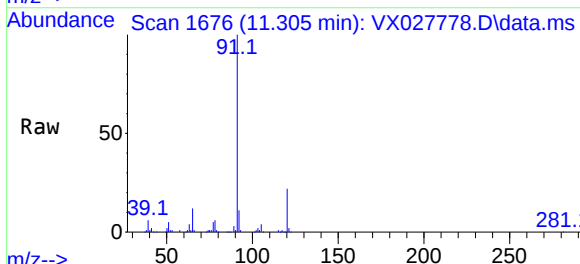
Tgt Ion:156 Resp: 19592
Ion Ratio Lower Upper
156 100
77 174.6 78.5 235.3
158 92.7 50.2 150.7

Manual Integrations
APPROVED

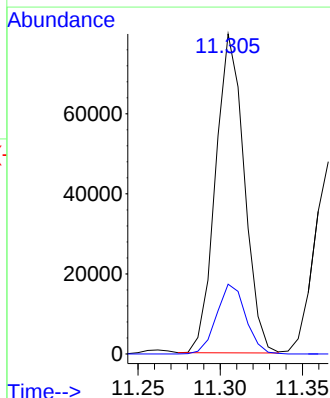
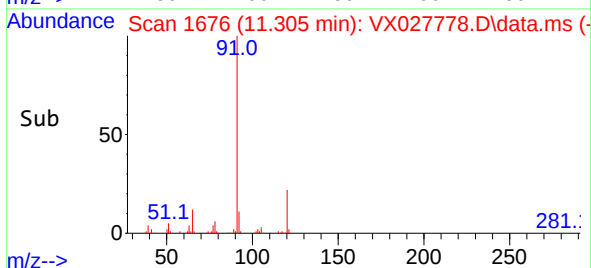
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

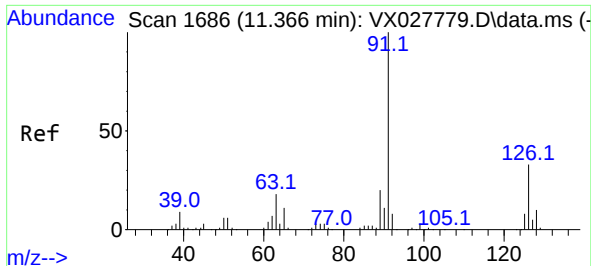


#78
n-propylbenzene
Concen: 18.808 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion: 91 Resp: 96758
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8





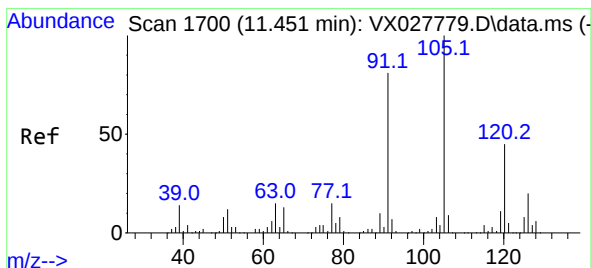
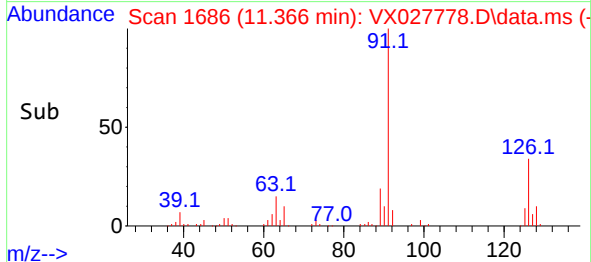
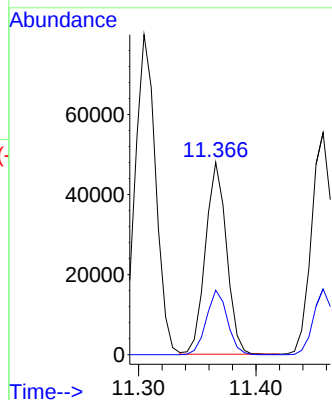
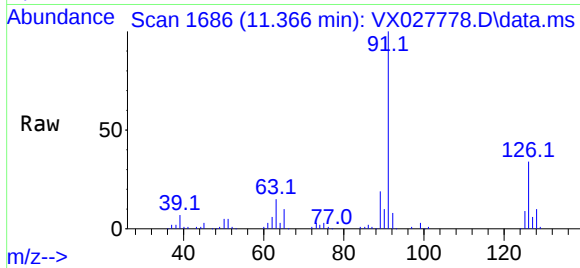
#79
2-Chlorotoluene
Concen: 18.346 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 59694
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.9

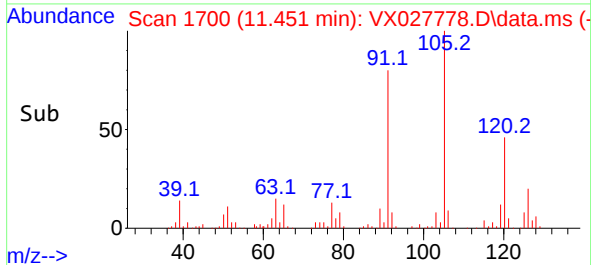
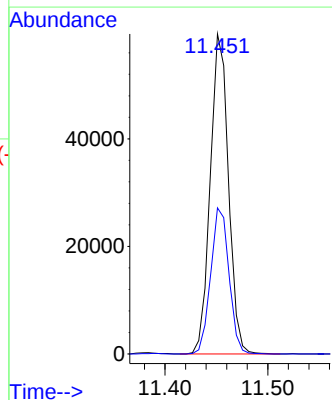
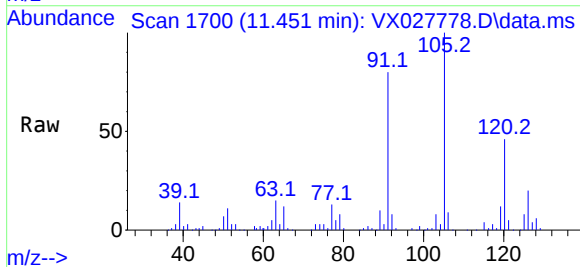
Manual Integrations
APPROVED

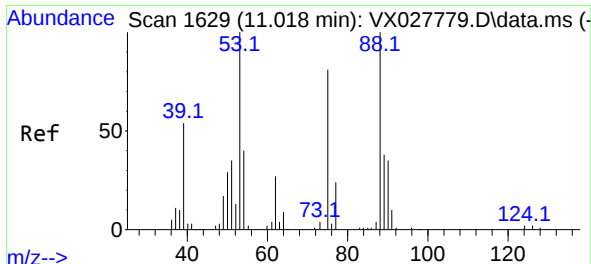
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.592 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

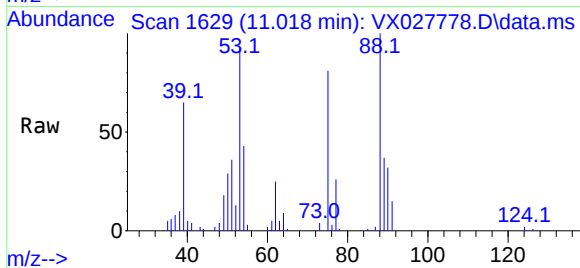
Tgt Ion:105 Resp: 73281
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 16.610 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

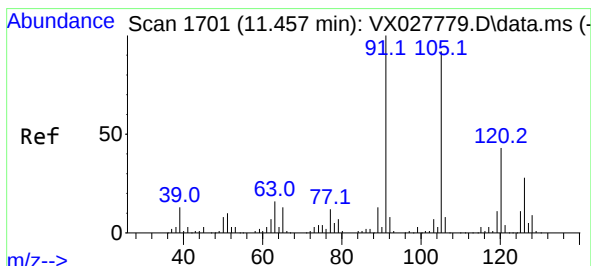
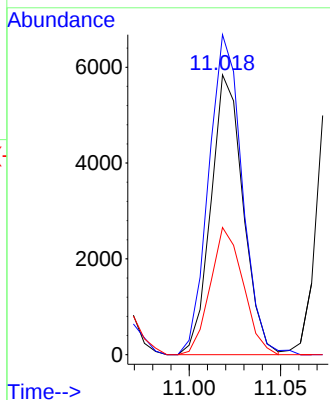
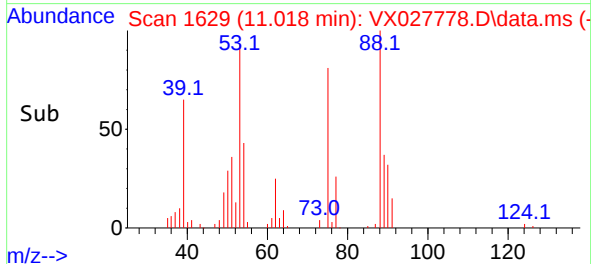
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



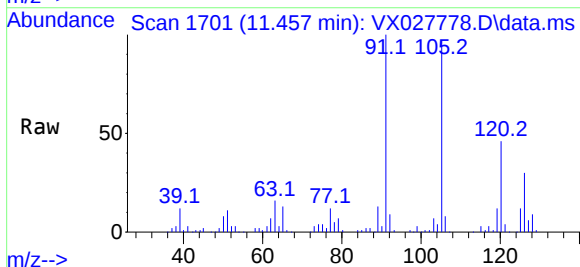
Tgt Ion: 75 Resp: 7170
Ion Ratio Lower Upper
75 100
53 118.9 69.0 103.4
89 46.2 37.0 55.6

Manual Integrations
APPROVED

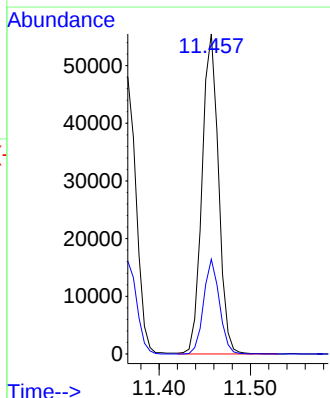
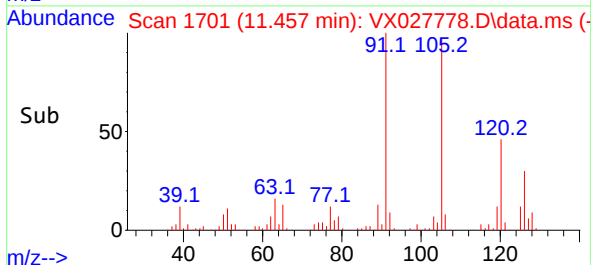
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

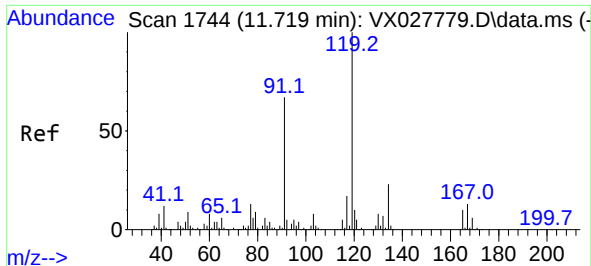


#82
4-Chlorotoluene
Concen: 18.509 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



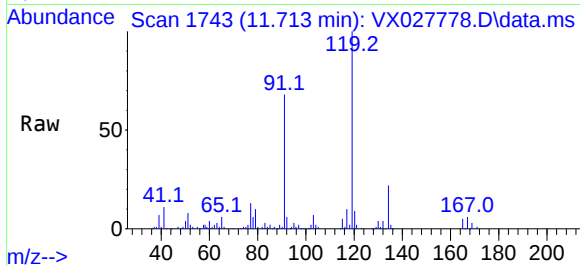
Tgt Ion: 91 Resp: 69364
Ion Ratio Lower Upper
91 100
126 28.3 14.9 44.5





#83
tert-Butylbenzene
Concen: 19.914 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

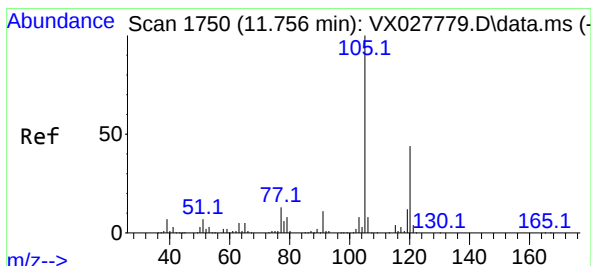
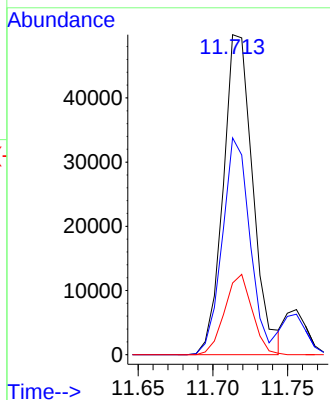
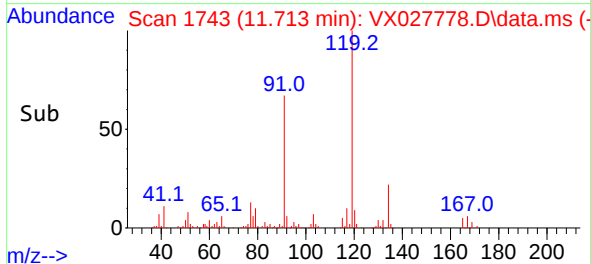
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



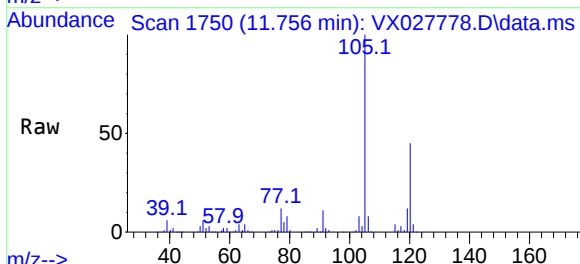
Tgt Ion:119 Resp: 6884
Ion Ratio Lower Upper
119 100
91 62.8 26.9 80.6
134 23.3 11.4 34.2

Manual Integrations
APPROVED

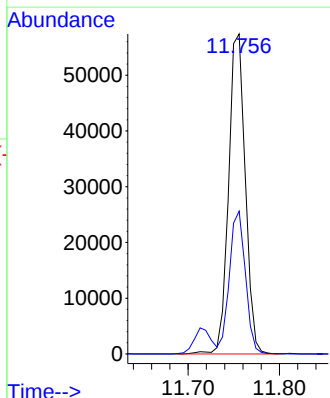
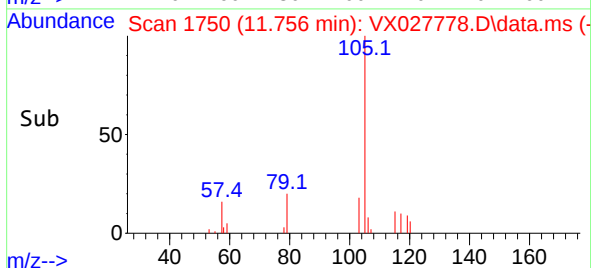
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

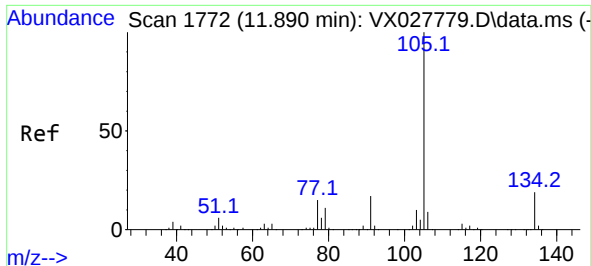


#84
1,2,4-Trimethylbenzene
Concen: 19.234 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion:105 Resp: 72949
Ion Ratio Lower Upper
105 100
120 43.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.006 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX027778.D
 Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

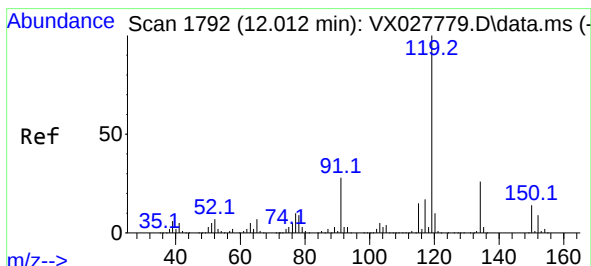
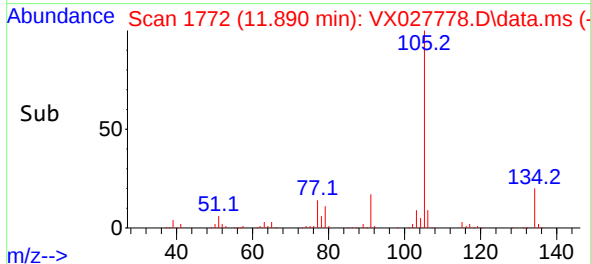
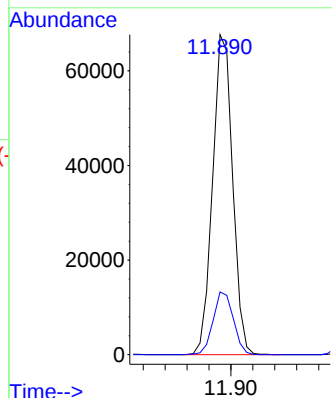
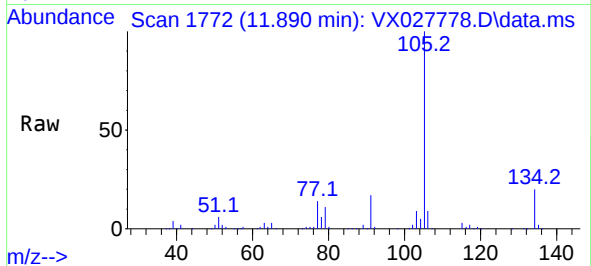
VSTDIC020

Tgt Ion:105 Resp: 8566
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

Manual Integrations

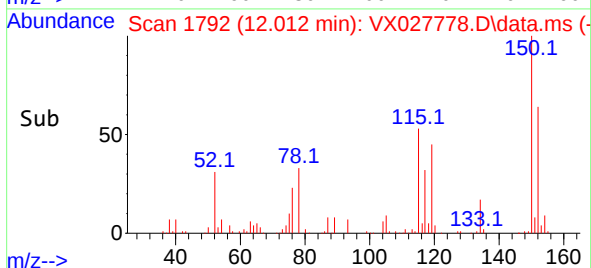
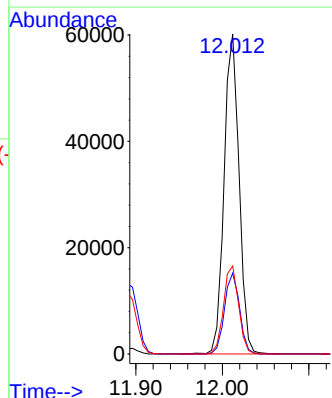
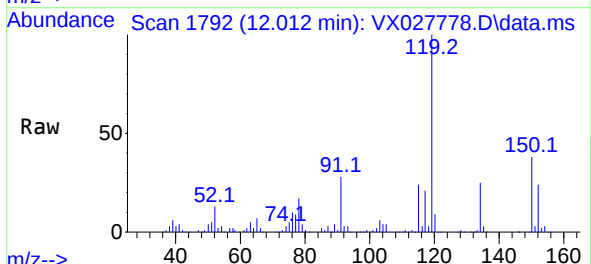
APPROVED

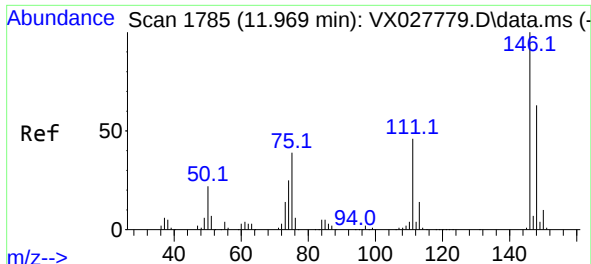
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#86
 p-Isopropyltoluene
 Concen: 20.225 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027778.D
 Acq: 29 Mar 2022 16:48

Tgt Ion:119 Resp: 72097
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 27.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.526 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 37349

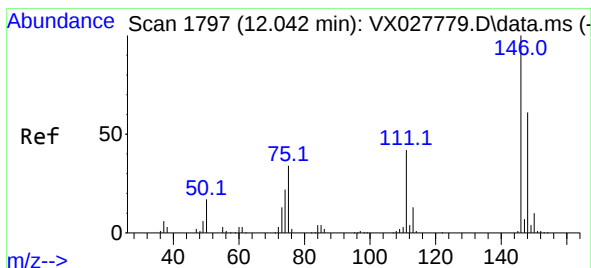
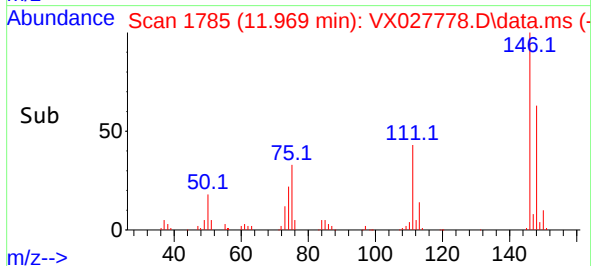
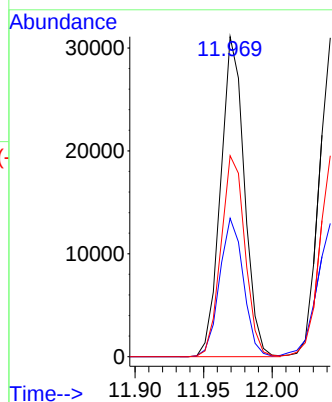
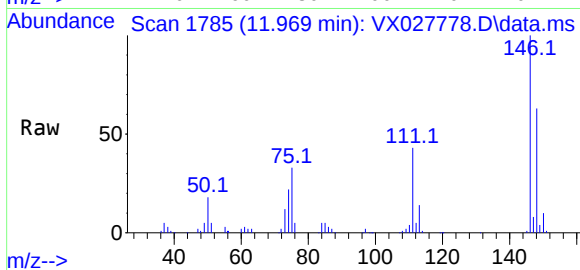
Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.7	59.1
148	63.7	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#88

1,4-Dichlorobenzene

Concen: 19.954 ug/l

RT: 12.042 min Scan# 1797

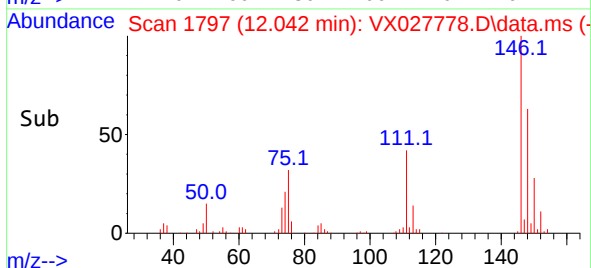
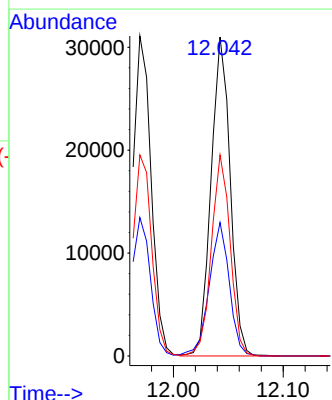
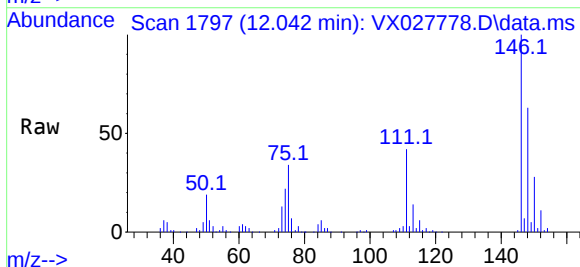
Delta R.T. -0.000 min

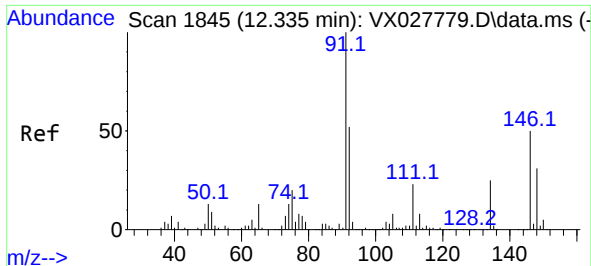
Lab File: VX027778.D

Acq: 29 Mar 2022 16:48

Tgt Ion:146 Resp: 37646

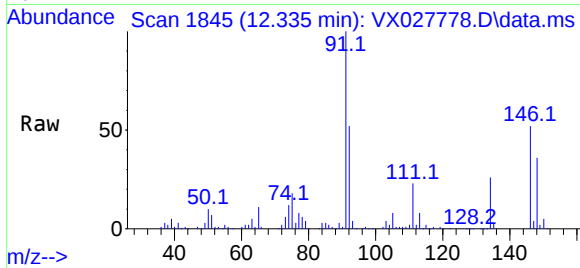
Ion	Ratio	Lower	Upper
146	100		
111	43.8	19.2	57.6
148	62.0	32.3	96.9





#89
n-Butylbenzene
Concen: 17.939 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

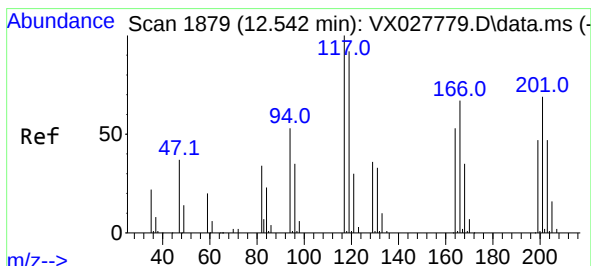
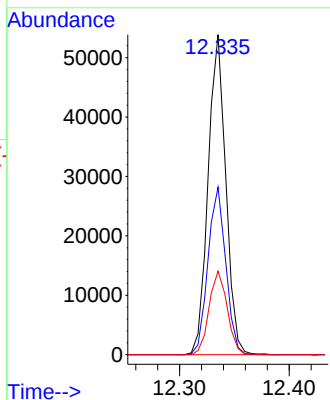
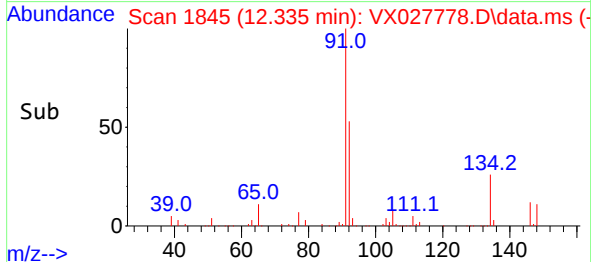
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



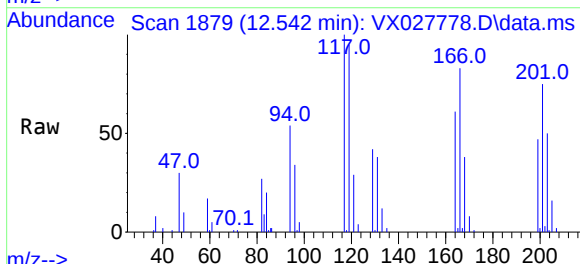
Tgt Ion: 91 Resp: 6038
Ion Ratio Lower Upper
91 100
92 52.6 27.8 83.3
134 26.7 13.3 39.8

Manual Integrations
APPROVED

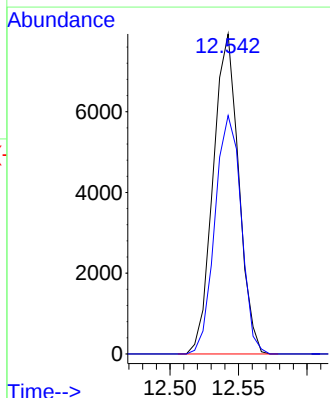
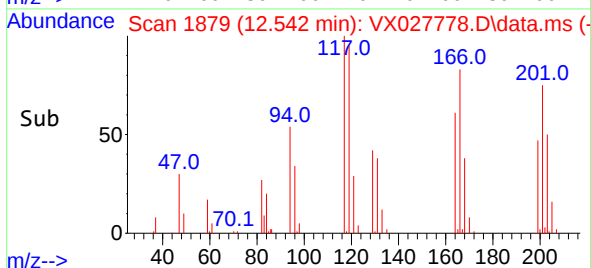
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

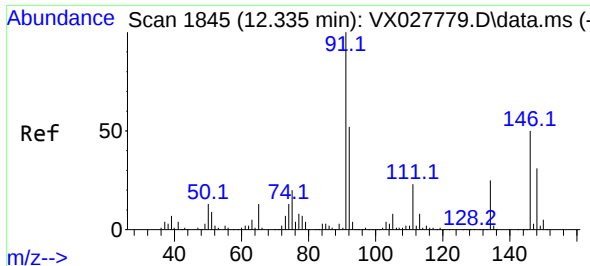


#90
Hexachloroethane
Concen: 18.044 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



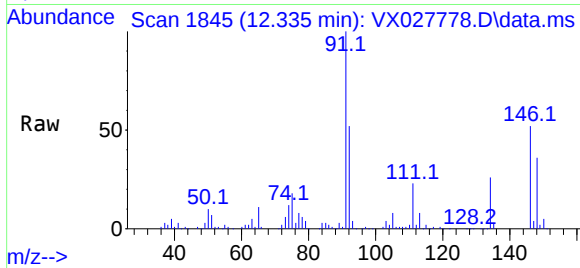
Tgt Ion:117 Resp: 10272
Ion Ratio Lower Upper
117 100
201 76.6 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 21.054 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

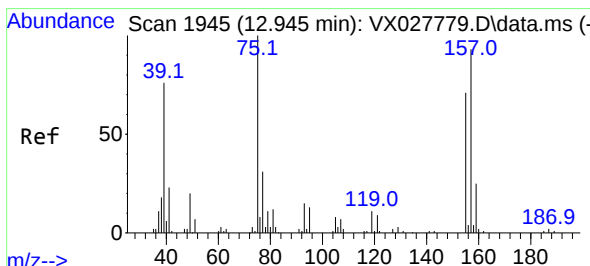
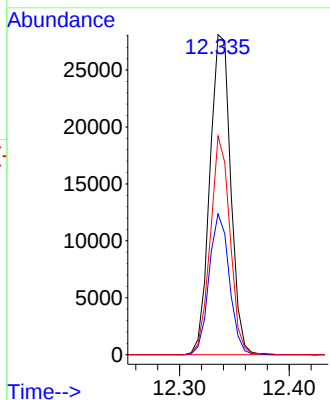
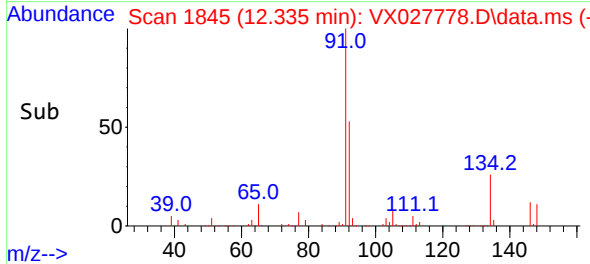
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



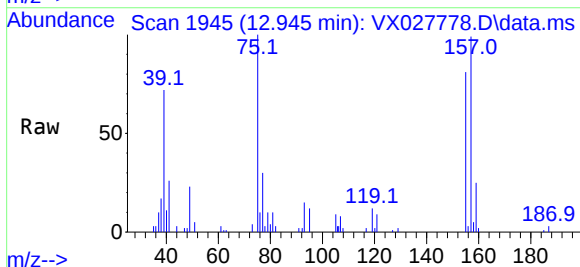
Tgt Ion:146 Resp: 3712
Ion Ratio Lower Upper
146 100
111 42.6 21.0 63.0
148 64.4 32.6 97.7

Manual Integrations
APPROVED

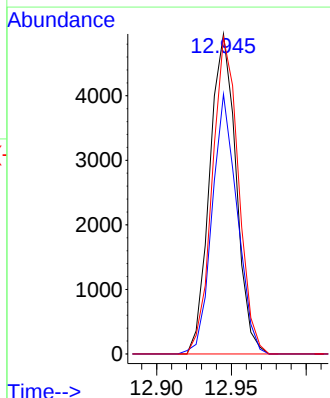
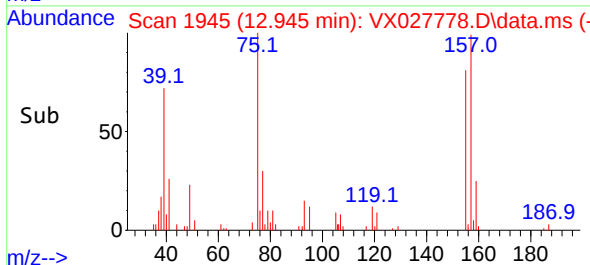
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.021 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



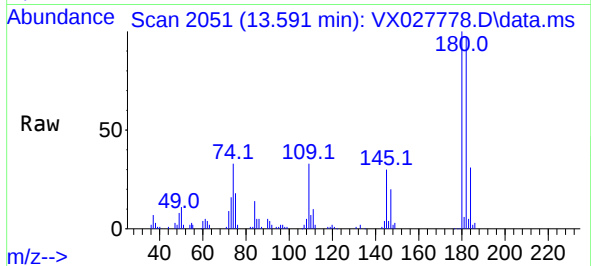
Tgt Ion: 75 Resp: 6054
Ion Ratio Lower Upper
75 100
155 77.3 47.0 141.2
157 98.6 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 19.997 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

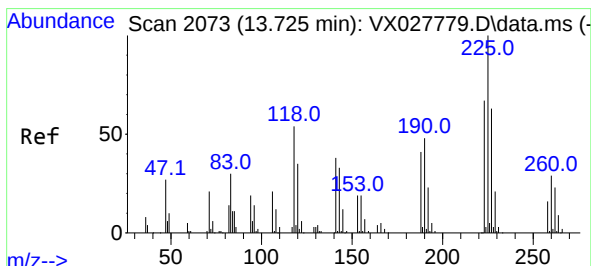
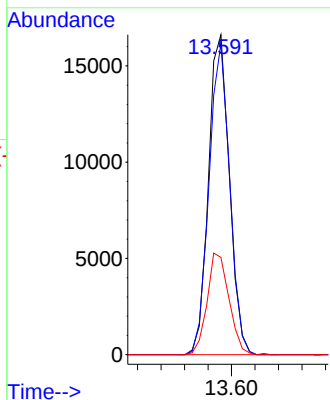
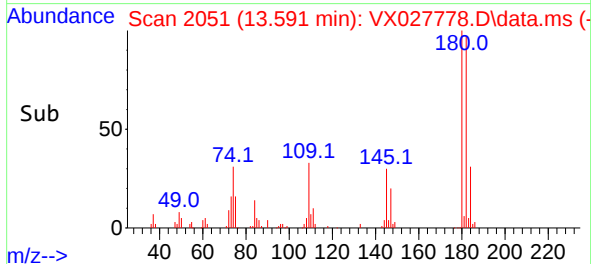
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



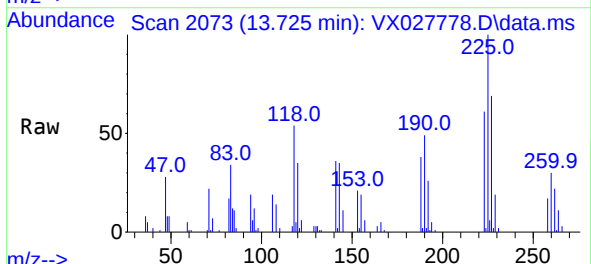
Tgt Ion:180 Resp: 20569
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 33.2 15.2 45.5

Manual Integrations
APPROVED

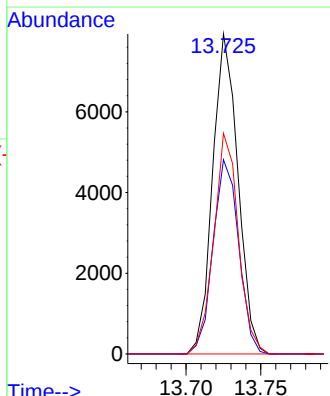
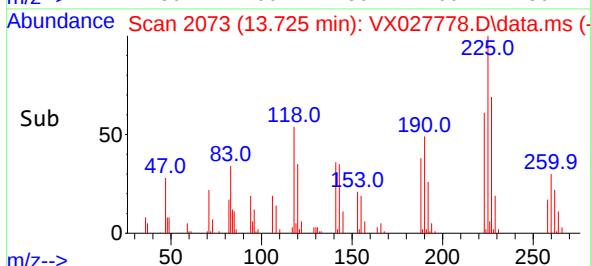
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

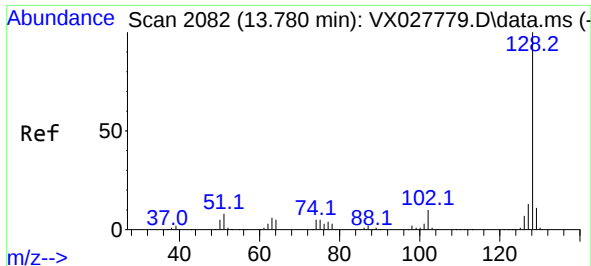


#94
Hexachlorobutadiene
Concen: 18.645 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



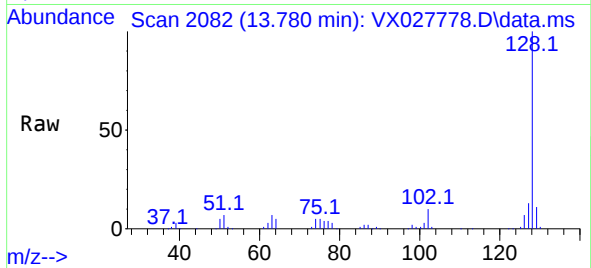
Tgt Ion:225 Resp: 9309
Ion Ratio Lower Upper
225 100
223 61.6 34.2 102.5
227 67.1 33.9 101.7





#95
Naphthalene
Concen: 19.724 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48

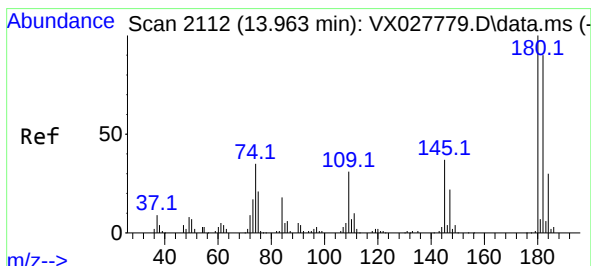
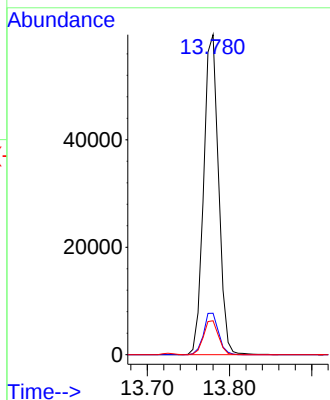
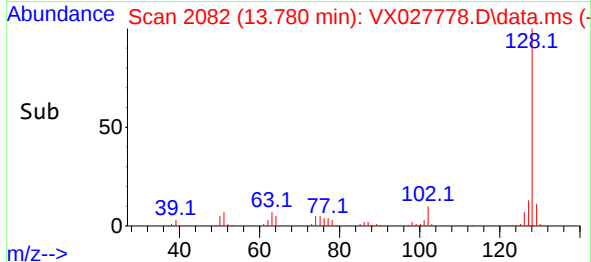
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



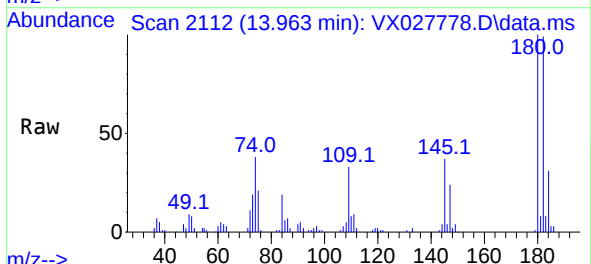
Tgt Ion:128 Resp: 74850
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.435 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027778.D
Acq: 29 Mar 2022 16:48



Tgt Ion:180 Resp: 20152
Ion Ratio Lower Upper
180 100
182 99.7 50.0 149.8
145 36.1 16.2 48.5

