

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029071.D
 Acq On : 31 May 2022 12:54
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 31 14:32:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 14:31:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	298540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64409	16.195	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	32.400%#		
35) Dibromofluoromethane	5.391	113	60269	19.310	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.620%#		
50) Toluene-d8	8.653	98	216879	18.605	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	37.200%#		
62) 4-Bromofluorobenzene	11.085	95	79813	18.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	36.580%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54172	14.551	ug/l	99
3) Chloromethane	1.295	50	53143	14.934	ug/l	99
4) Vinyl Chloride	1.374	62	60725	15.786	ug/l	98
5) Bromomethane	1.599	94	45015	15.754	ug/l	99
6) Chloroethane	1.685	64	39576	14.583	ug/l	96
7) Trichlorofluoromethane	1.886	101	95204	15.646	ug/l	99
8) Diethyl Ether	2.136	74	35632	15.904	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54934	16.875	ug/l	97
10) Methyl Iodide	2.453	142	55061	14.199	ug/l	98
11) Tert butyl alcohol	2.959	59	80575	87.319	ug/l	96
12) 1,1-Dichloroethene	2.319	96	52941	17.391	ug/l	94
13) Acrolein	2.233	56	36355	57.872	ug/l	98
14) Allyl chloride	2.666	41	79382	16.406	ug/l	98
15) Acrylonitrile	3.063	53	160786	83.355	ug/l	99
16) Acetone	2.380	43	134174	78.604	ug/l	97
17) Carbon Disulfide	2.514	76	143236	18.124	ug/l	99
18) Methyl Acetate	2.703	43	68297	15.968	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	180699	16.816	ug/l	98
20) Methylene Chloride	2.788	84	60576	16.704	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	59587	17.442	ug/l	91
22) Diisopropyl ether	3.764	45	161058	15.707	ug/l #	90
23) Vinyl Acetate	3.727	43	686682	78.097	ug/l	100
24) 1,1-Dichloroethane	3.611	63	99834	16.633	ug/l	100
25) 2-Butanone	4.556	43	214101	79.972	ug/l	99
26) 2,2-Dichloropropane	4.477	77	81657	17.288	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	70199	17.503	ug/l	92
28) Bromochloromethane	4.904	49	40742	15.977	ug/l	87
29) Tetrahydrofuran	5.007	42	139465	80.080	ug/l	99
30) Chloroform	5.099	83	110985	17.009	ug/l	100
31) Cyclohexane	5.477	56	85619	15.670	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	100097	17.507	ug/l	98
36) 1,1-Dichloropropene	5.696	75	78802	17.266	ug/l	98
37) Ethyl Acetate	4.715	43	79319	16.789	ug/l	99
38) Carbon Tetrachloride	5.684	117	91539	19.578	ug/l	99
39) Methylcyclohexane	7.385	83	98520	18.636	ug/l	95
40) Benzene	6.044	78	241124	18.246	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43036	16.789	ug/l	97
42) 1,2-Dichloroethane	6.092	62	81731	16.966	ug/l	99
43) Isopropyl Acetate	6.342	43	121709	16.452	ug/l	99
44) Trichloroethene	7.129	130	71912	19.822	ug/l	99
45) 1,2-Dichloropropane	7.434	63	57325	17.454	ug/l	98
46) Dibromomethane	7.586	93	44696	18.141	ug/l	98
47) Bromodichloromethane	7.824	83	89334	19.411	ug/l	100
48) Methyl methacrylate	7.696	41	59184	16.555	ug/l	97
49) 1,4-Dioxane	7.665	88	36563	394.902	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	414695	85.042	ug/l	98
52) Toluene	8.720	92	159169	18.682	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	89926	19.318	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	97121	18.823	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	65679	18.826	ug/l	99
56) Ethyl methacrylate	9.116	69	92708	17.729	ug/l	97
57) 1,3-Dichloropropane	9.311	76	106298	18.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	219812	85.057	ug/l	94
59) 2-Hexanone	9.433	43	319369	84.464	ug/l	97
60) Dibromochloromethane	9.525	129	74716	21.514	ug/l	96
61) 1,2-Dibromoethane	9.610	107	70139	19.099	ug/l	99
64) Tetrachloroethene	9.275	164	65325	19.846	ug/l	99
65) Chlorobenzene	10.080	112	176210	19.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68476	20.692	ug/l	98
67) Ethyl Benzene	10.195	91	298969	18.246	ug/l	97
68) m/p-Xylenes	10.305	106	242547	37.840	ug/l	98
69) o-Xylene	10.647	106	118889	18.752	ug/l	98
70) Styrene	10.659	104	200664	19.546	ug/l	98
71) Bromoform	10.799	173	58424	23.596	ug/l #	98
73) Isopropylbenzene	10.964	105	308957	18.448	ug/l	100
74) N-amyl acetate	10.848	43	96076	15.059	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	102942	17.882	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91260m	17.720	ug/l	
77) Bromobenzene	11.201	156	77276	19.253	ug/l	95
78) n-propylbenzene	11.305	91	344514	17.907	ug/l	98
79) 2-Chlorotoluene	11.366	91	211287	17.833	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263505	18.862	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	29741	18.654	ug/l	92
82) 4-Chlorotoluene	11.457	91	241489	17.678	ug/l	97
83) tert-Butylbenzene	11.720	119	264627	19.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	263637	18.822	ug/l	99
85) sec-Butylbenzene	11.890	105	314116	18.785	ug/l	98
86) p-Isopropyltoluene	12.012	119	274162	19.483	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	148002	18.859	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	148678	18.289	ug/l	98
89) n-Butylbenzene	12.335	91	215145	17.875	ug/l	98
90) Hexachloroethane	12.543	117	48469	20.942	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	147493	19.094	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23918	19.382	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	90563	20.161	ug/l	100
94) Hexachlorobutadiene	13.725	225	39059	21.150	ug/l	95
95) Naphthalene	13.774	128	306425	19.387	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	89119	19.684	ug/l	97

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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/01/2022

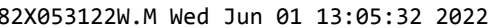
Quant Time: May 31 14:32:52 2022
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Quant Title : SW846 8260
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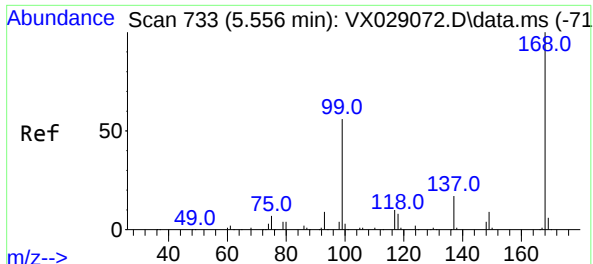
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

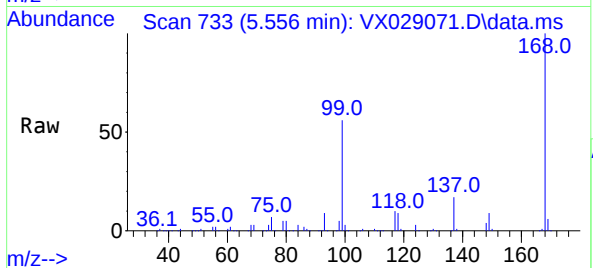
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

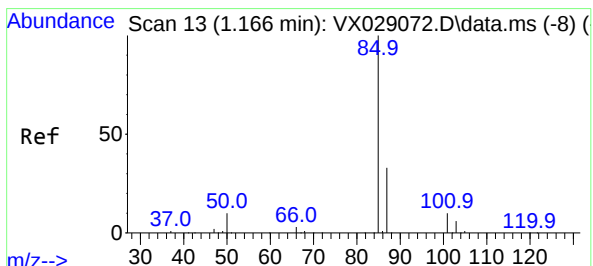
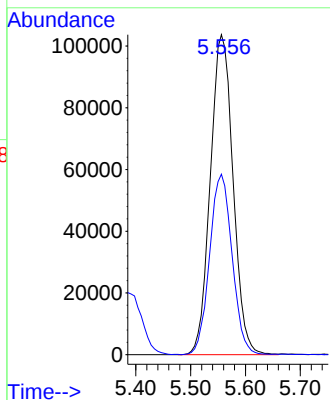
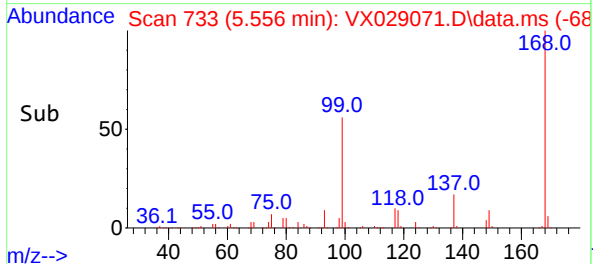
Instrument :
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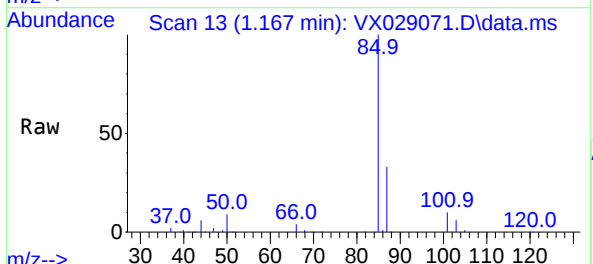
Tgt Ion:168 Resp: 298540
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5

Manual Integrations
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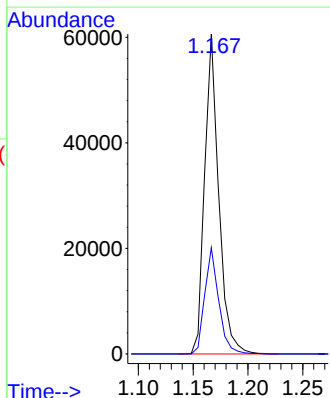
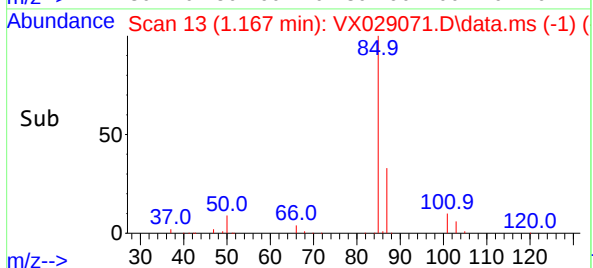
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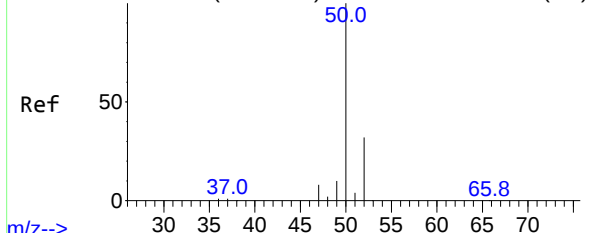
#2
Dichlorodifluoromethane
Concen: 14.551 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion: 85 Resp: 54172
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6



Abundance Scan 33 (1.288 min): VX029072.D\data.ms (-28)



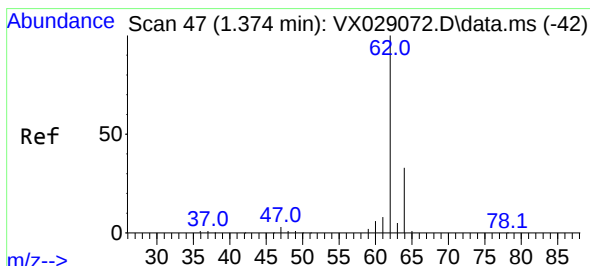
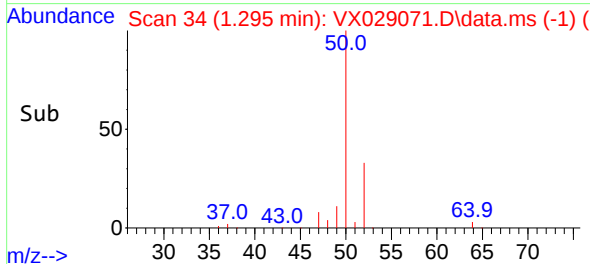
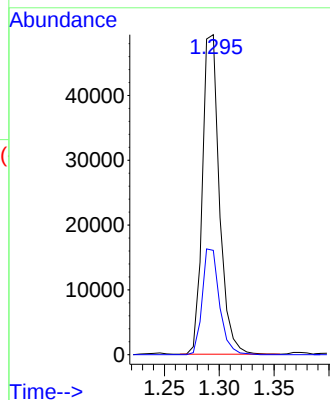
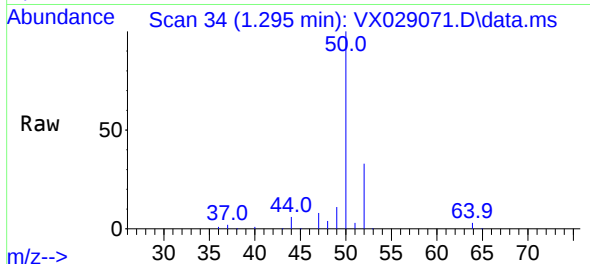
#3
Chloromethane
Concen: 14.934 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 5314
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

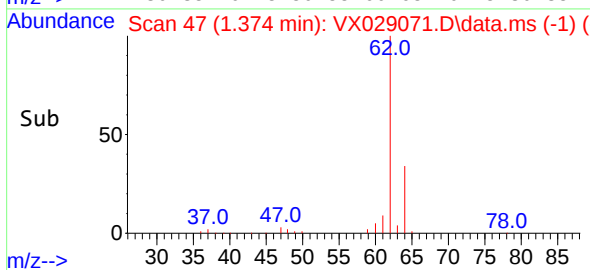
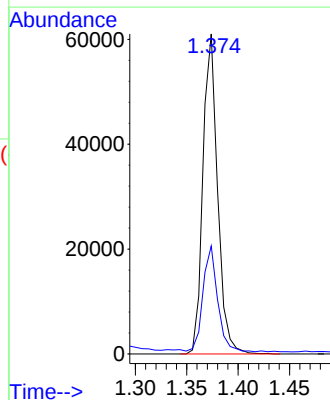
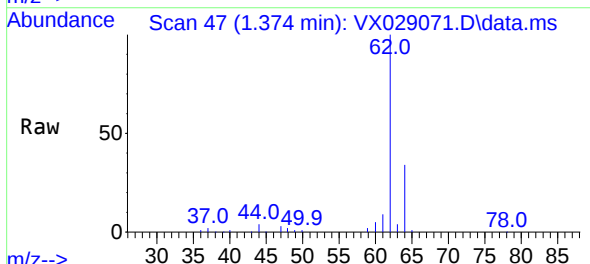
Manual Integrations
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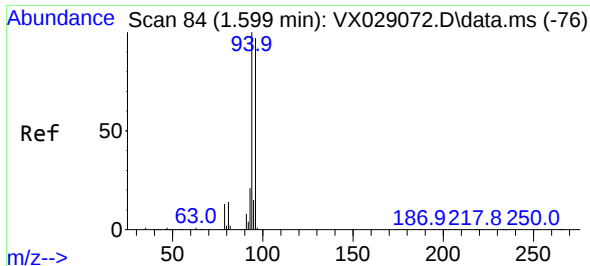
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#4
Vinyl Chloride
Concen: 15.786 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 62 Resp: 60725
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3





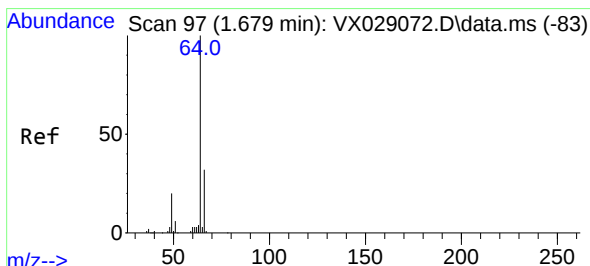
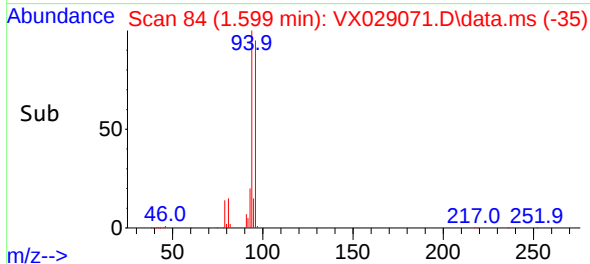
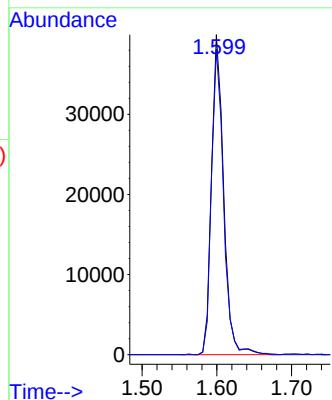
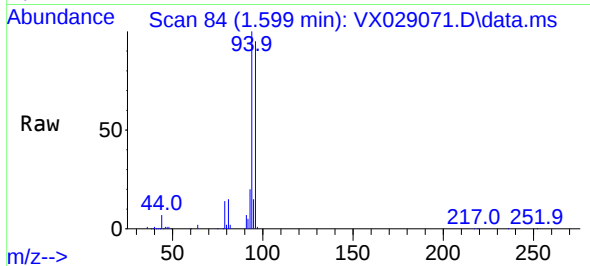
#5
Bromomethane
Concen: 15.754 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 45015
Ion Ratio Lower Upper
94 100
96 95.5 75.3 112.9

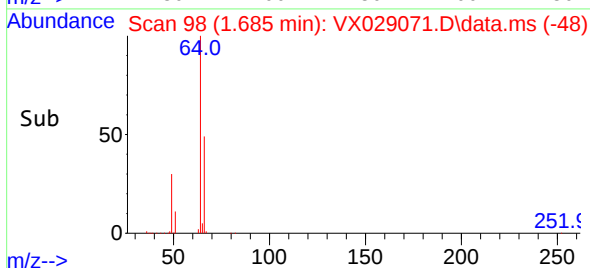
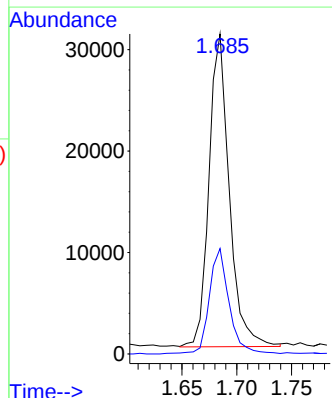
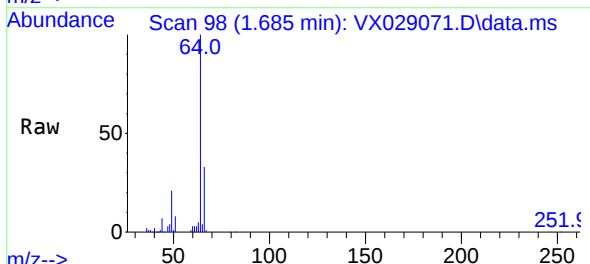
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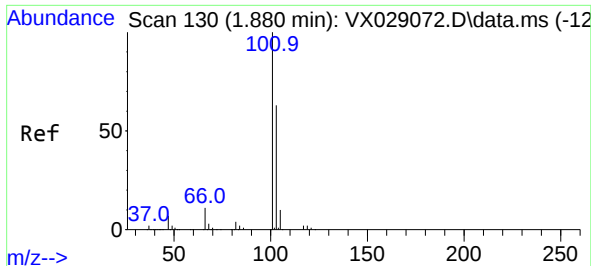
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#6
Chloroethane
Concen: 14.583 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 64 Resp: 39576
Ion Ratio Lower Upper
64 100
66 33.6 25.3 37.9





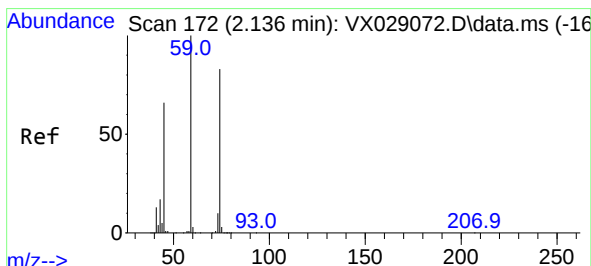
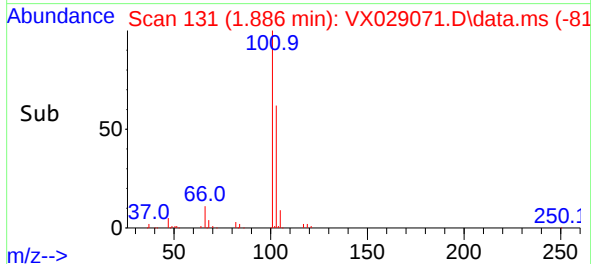
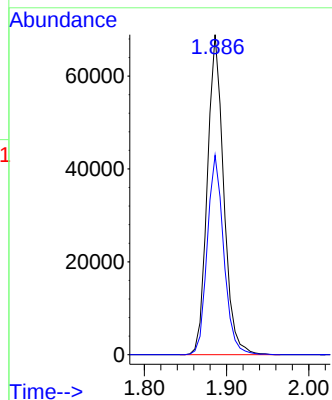
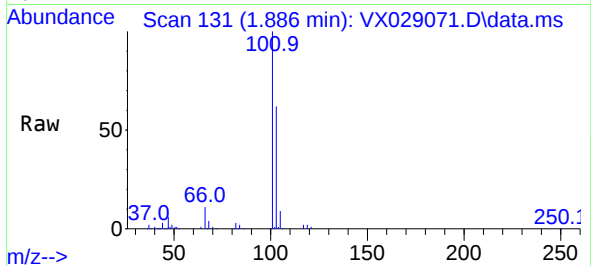
#7
Trichlorofluoromethane
Concen: 15.646 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 95204
Ion Ratio Lower Upper
101 100
103 62.3 50.5 75.7

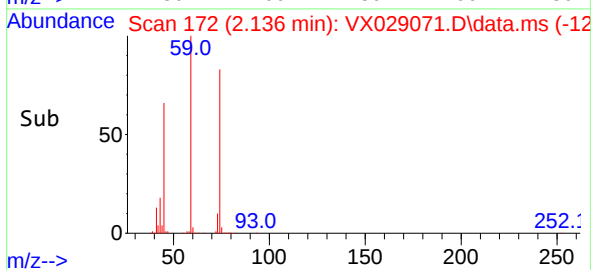
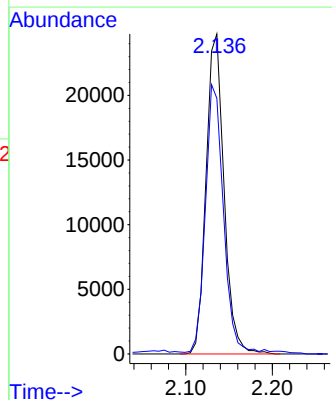
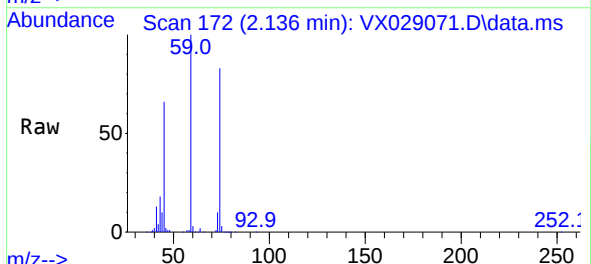
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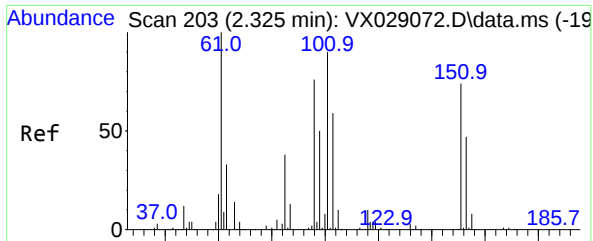
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#8
Diethyl Ether
Concen: 15.904 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX029071.D
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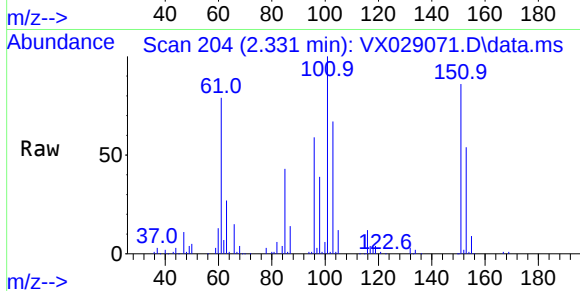
Tgt Ion: 74 Resp: 35632
Ion Ratio Lower Upper
74 100
45 86.4 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.875 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

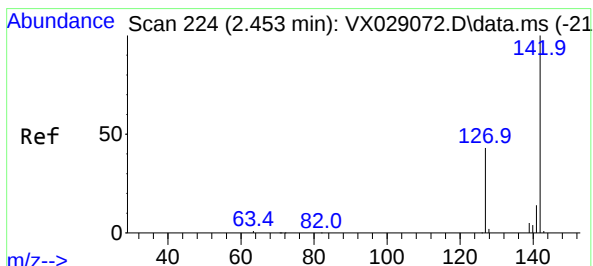
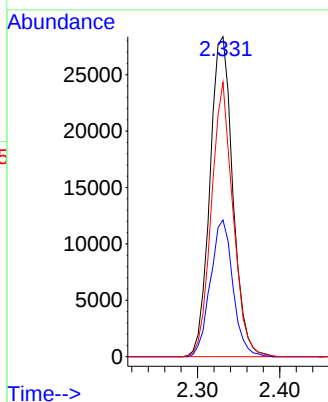
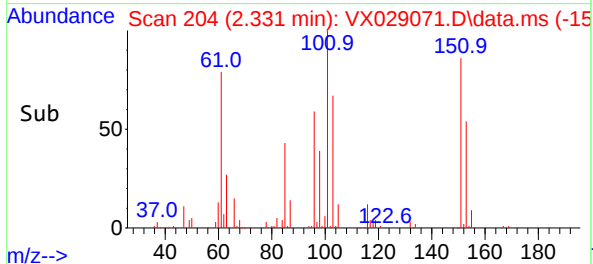
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



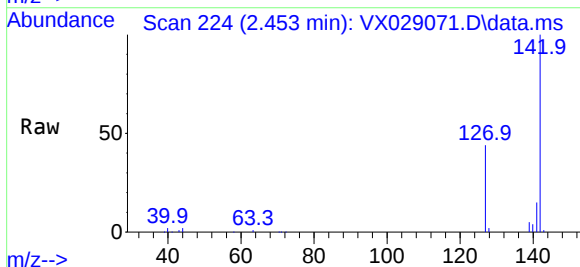
Tgt Ion:101 Resp: 54934
Ion Ratio Lower Upper
101 100
85 42.0 33.5 50.3
151 80.9 61.8 92.6

Manual Integrations
APPROVED

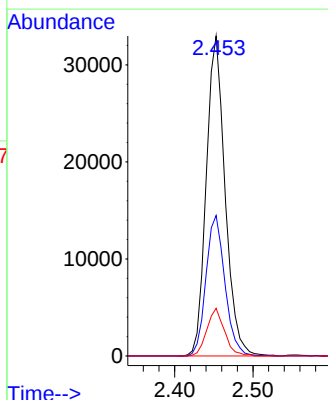
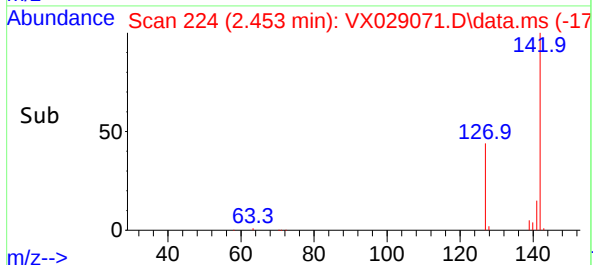
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

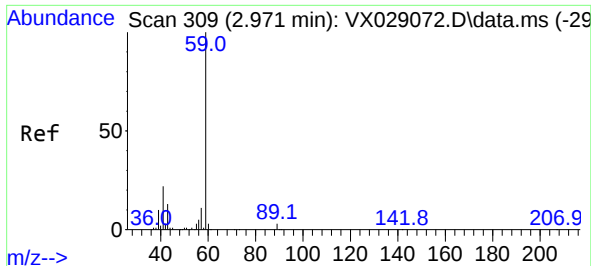


#10
Methyl Iodide
Concen: 14.199 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



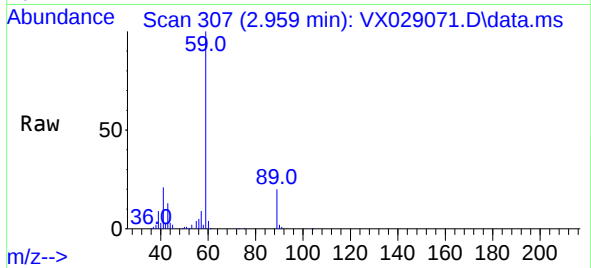
Tgt Ion:142 Resp: 55061
Ion Ratio Lower Upper
142 100
127 44.2 33.9 50.9
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 87.319 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

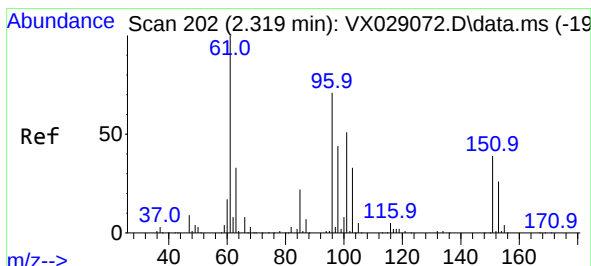
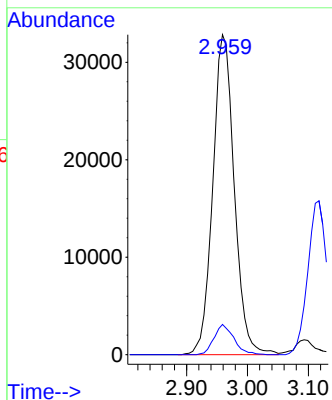
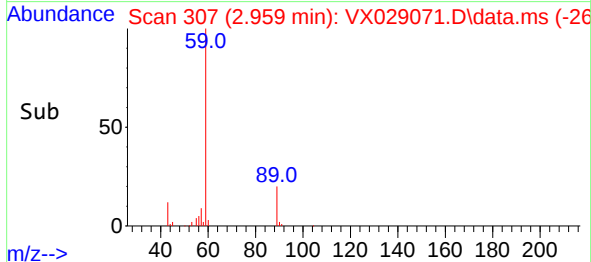
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 8057
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5

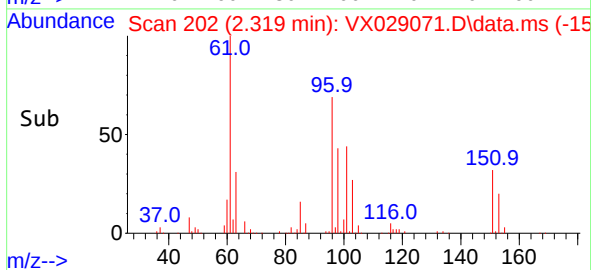
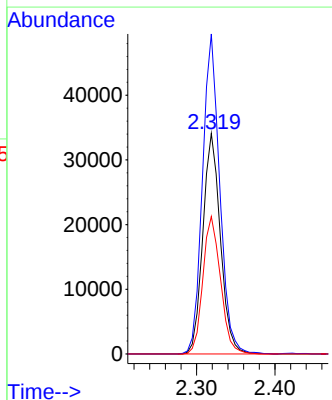
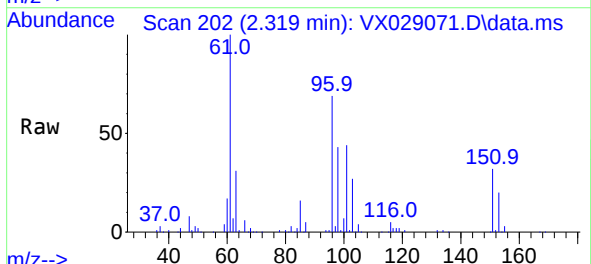
Manual Integrations
APPROVED

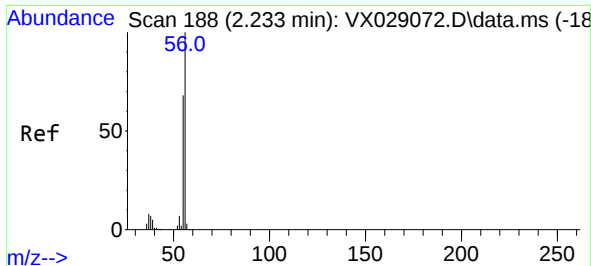
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#12
1,1-Dichloroethene
Concen: 17.391 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

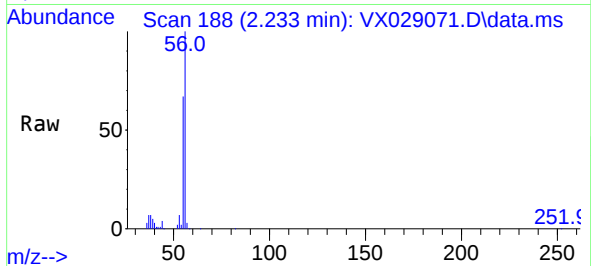
Tgt Ion: 96 Resp: 52941
Ion Ratio Lower Upper
96 100
61 145.2 124.6 187.0
98 62.3 51.0 76.4





#13
Acrolein
Concen: 57.872 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

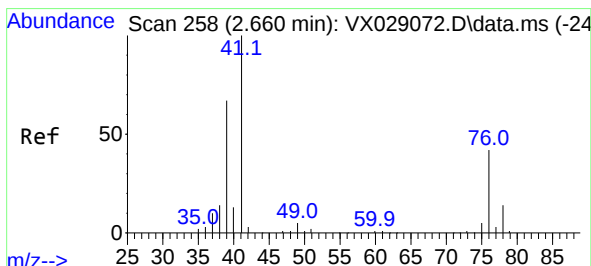
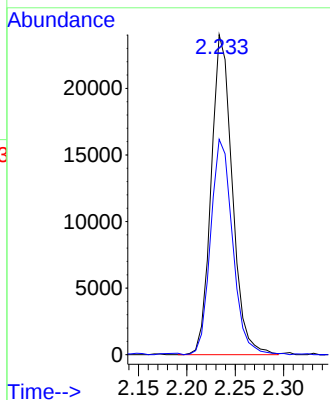
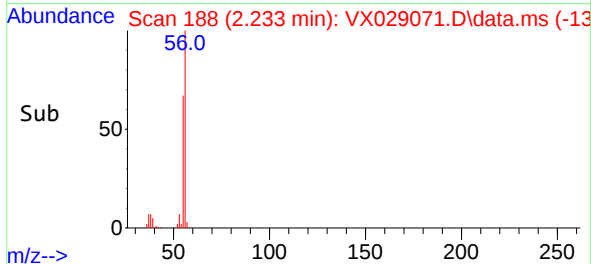
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



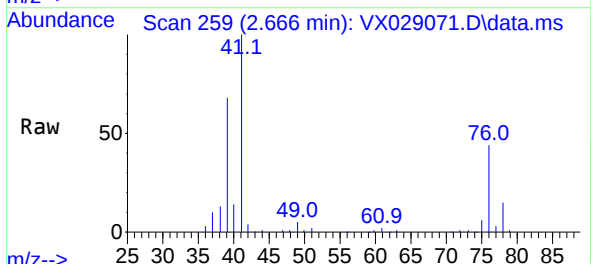
Tgt Ion: 56 Resp: 3635
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.6

Manual Integrations
APPROVED

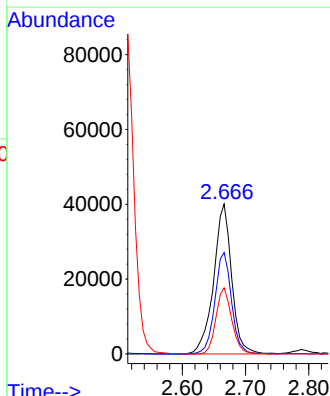
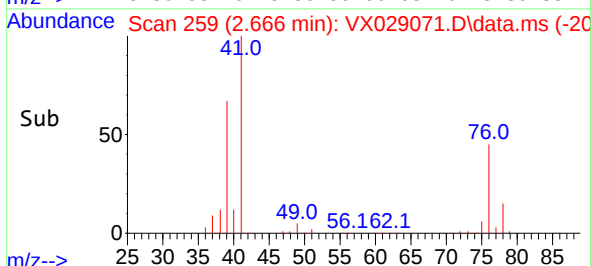
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

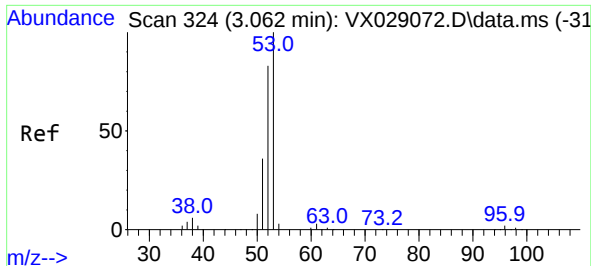


#14
Allyl chloride
Concen: 16.406 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



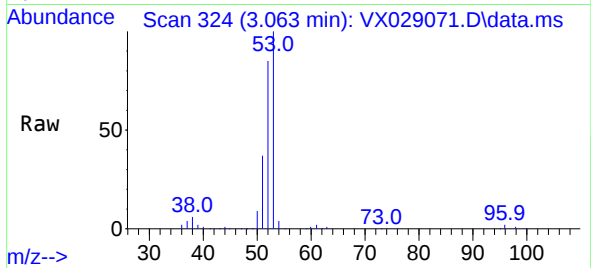
Tgt Ion: 41 Resp: 79382
Ion Ratio Lower Upper
41 100
39 62.1 50.4 75.6
76 38.3 32.7 49.1





#15
Acrylonitrile
Concen: 83.355 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

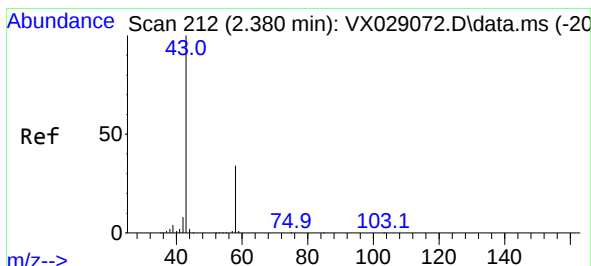
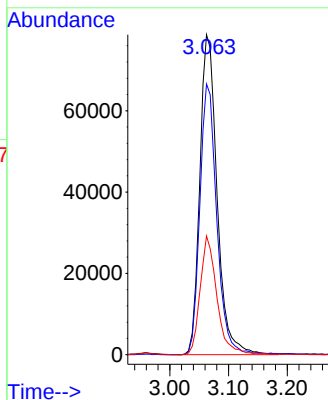
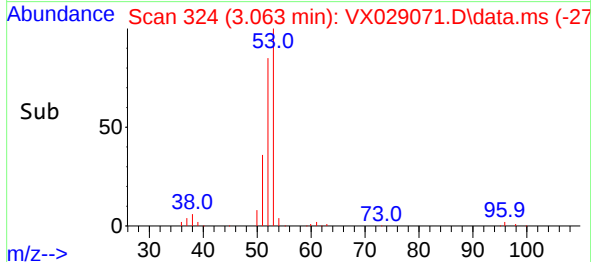
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



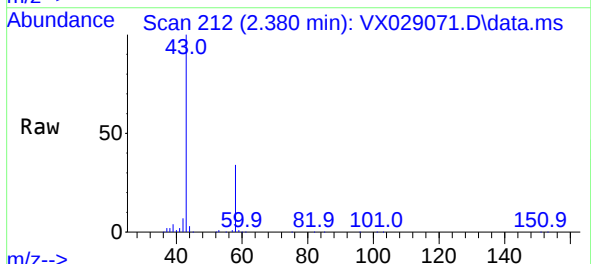
Tgt Ion: 53 Resp: 160780
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 36.0 28.4 42.6

Manual Integrations
APPROVED

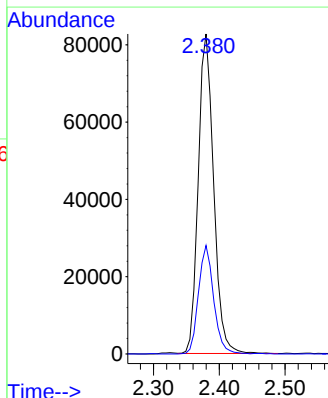
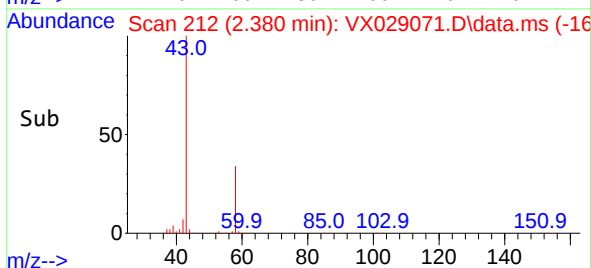
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

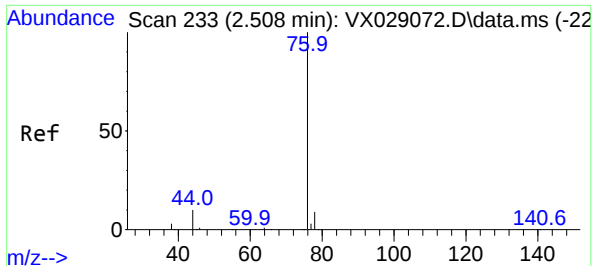


#16
Acetone
Concen: 78.604 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion: 43 Resp: 134174
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2





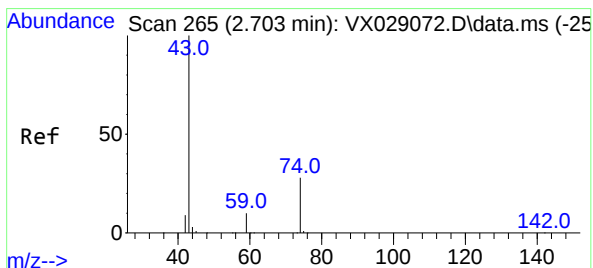
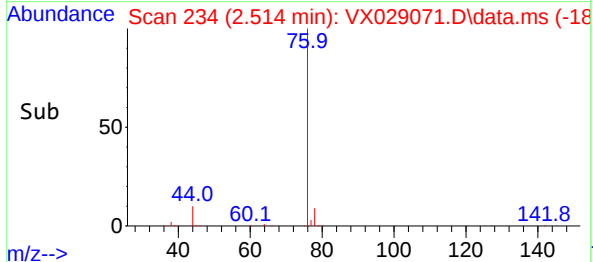
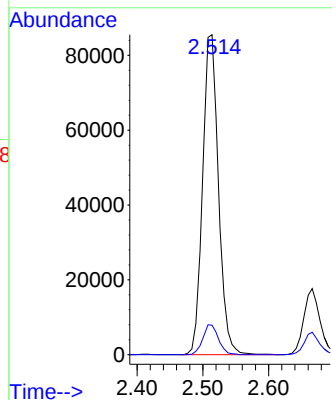
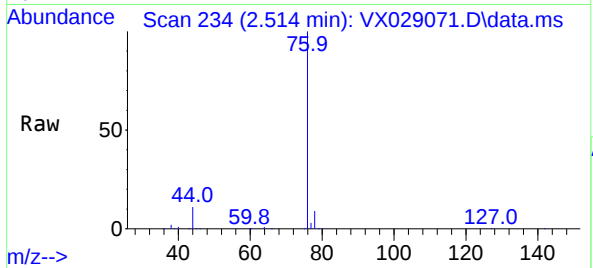
#17
Carbon Disulfide
Concen: 18.124 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 143230
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

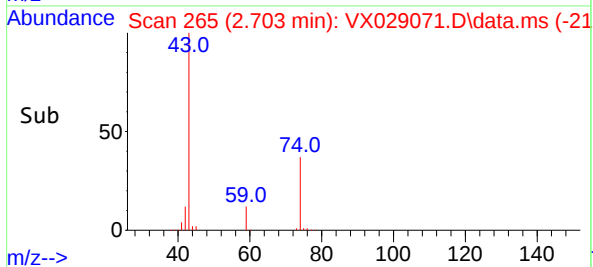
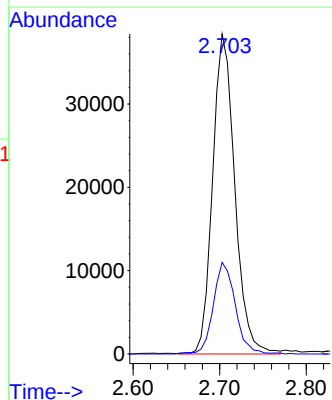
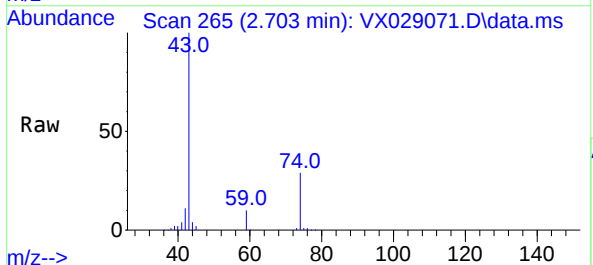
Manual Integrations
APPROVED

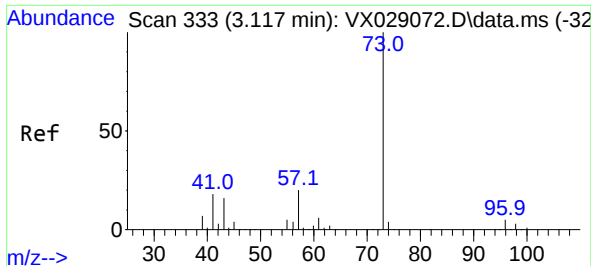
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#18
Methyl Acetate
Concen: 15.968 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 43 Resp: 68297
Ion Ratio Lower Upper
43 100
74 28.4 22.8 34.2





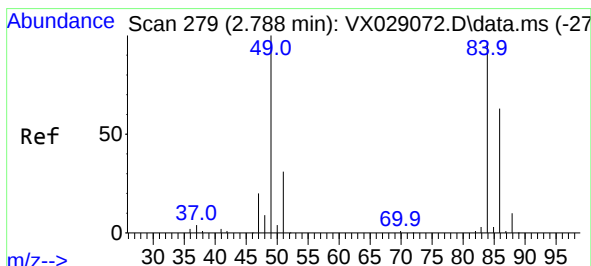
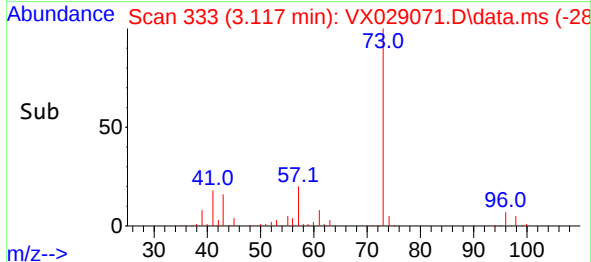
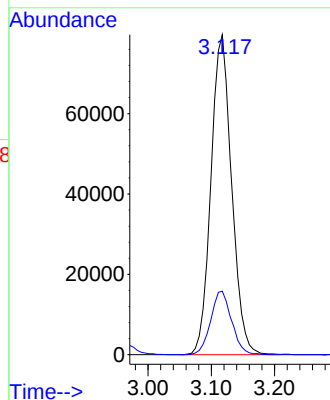
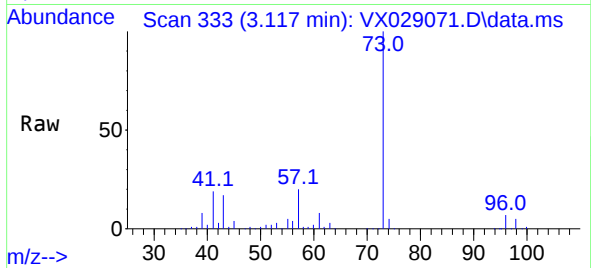
#19
Methyl tert-butyl Ether
Concen: 16.816 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 180699
Ion Ratio Lower Upper
73 100
57 19.8 16.8 25.2

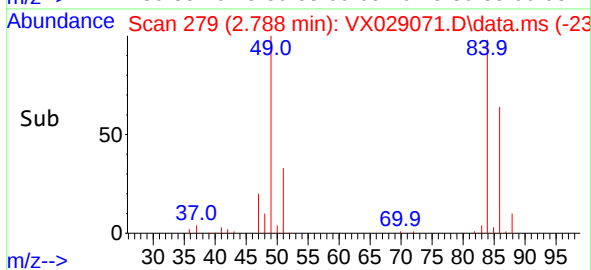
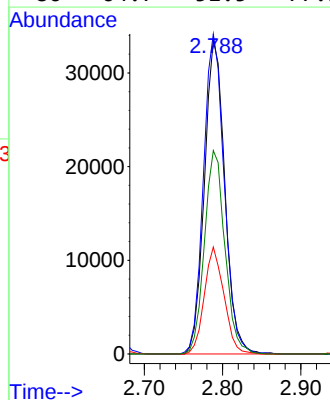
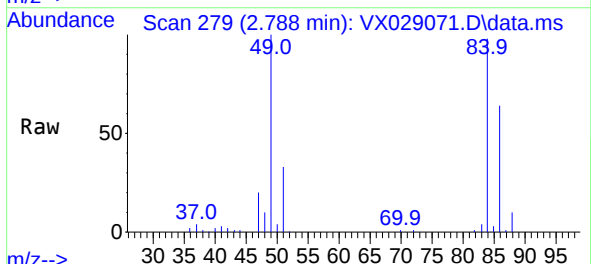
Manual Integrations
APPROVED

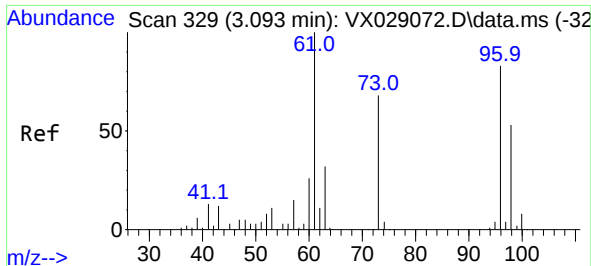
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#20
Methylene Chloride
Concen: 16.704 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

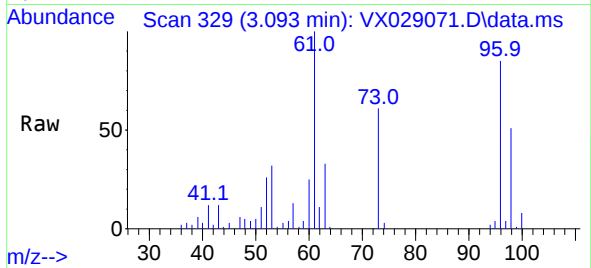
Tgt Ion: 84 Resp: 60576
Ion Ratio Lower Upper
84 100
49 101.8 85.5 128.3
51 34.0 26.6 39.8
86 64.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.442 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

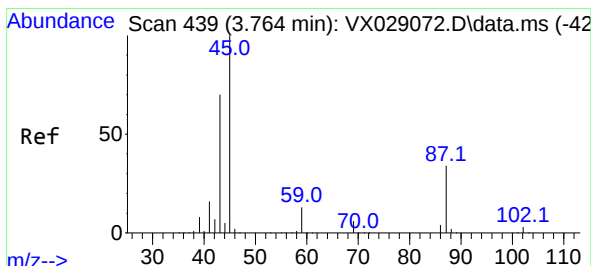
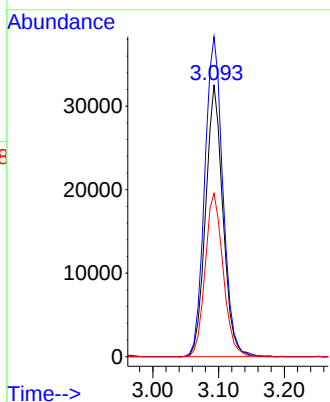
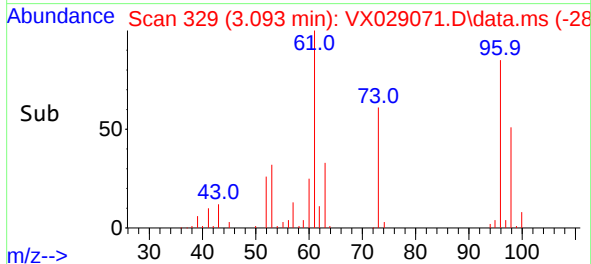
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



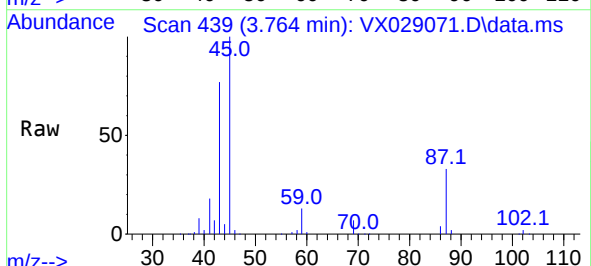
Tgt Ion: 96 Resp: 5958
Ion Ratio Lower Upper
96 100
61 117.7 105.4 158.2
98 60.1 50.0 75.0

Manual Integrations
APPROVED

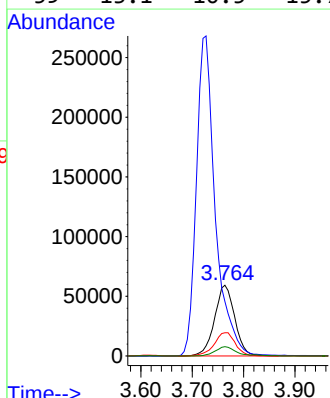
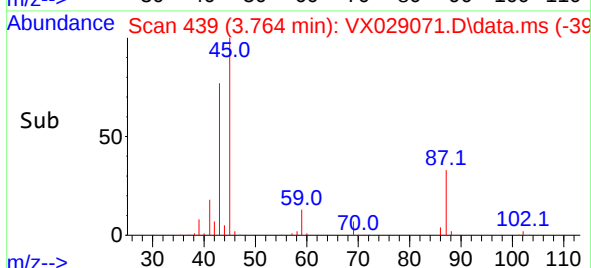
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

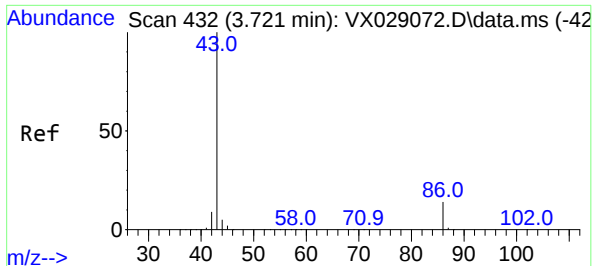


#22
Diisopropyl ether
Concen: 15.707 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



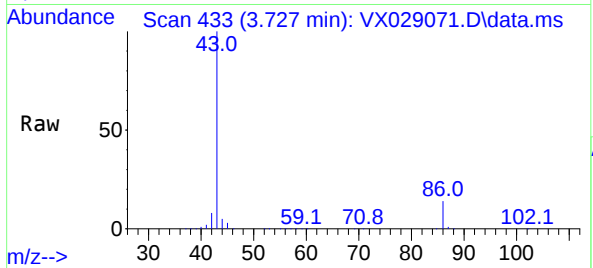
Tgt Ion: 45 Resp: 161058
Ion Ratio Lower Upper
45 100
43 76.5 50.8 76.2#
87 32.7 26.6 39.8
59 13.1 10.5 15.7





#23
 Vinyl Acetate
 Concen: 78.097 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

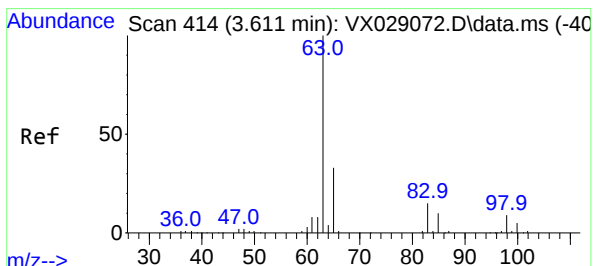
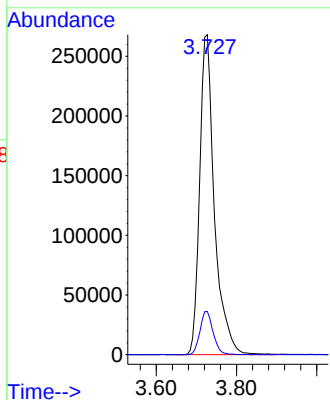
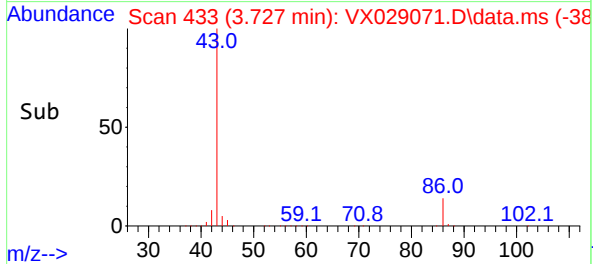
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



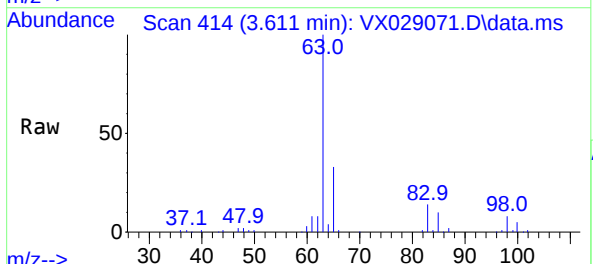
Tgt Ion: 43 Resp: 68668
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.8 16.2

Manual Integrations
 APPROVED

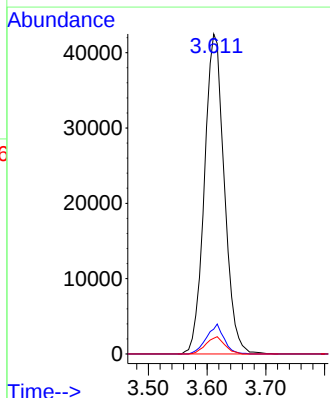
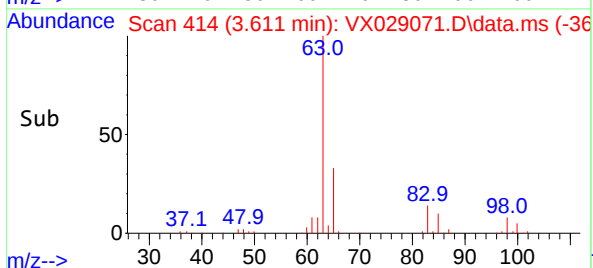
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

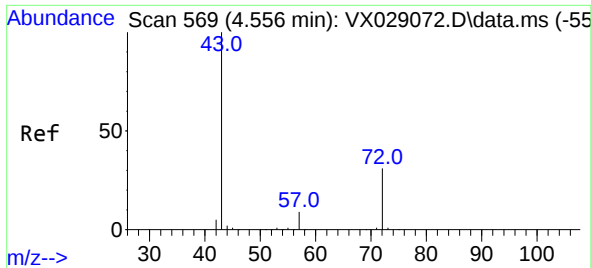


#24
 1,1-Dichloroethane
 Concen: 16.633 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54



Tgt Ion: 63 Resp: 99834
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.9 2.4 7.2





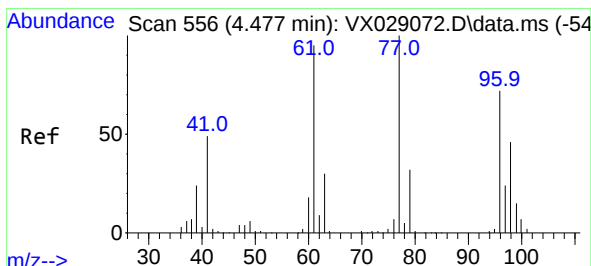
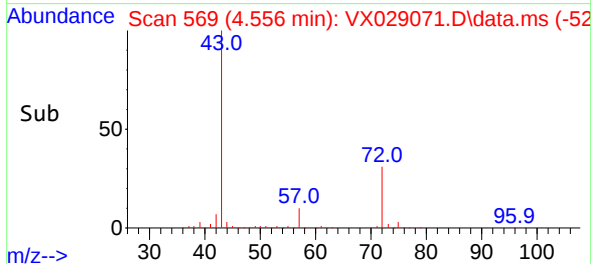
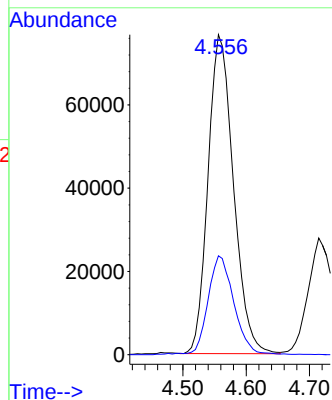
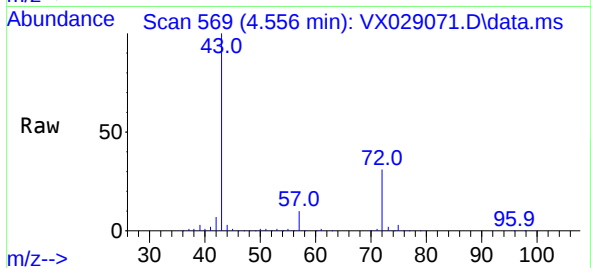
#25
2-Butanone
Concen: 79.972 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 21410
Ion Ratio Lower Upper
43 100
72 30.8 24.4 36.6

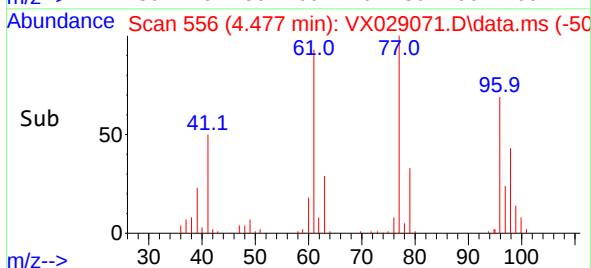
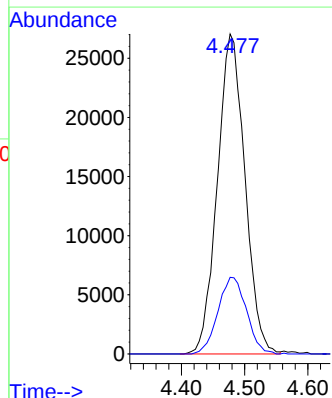
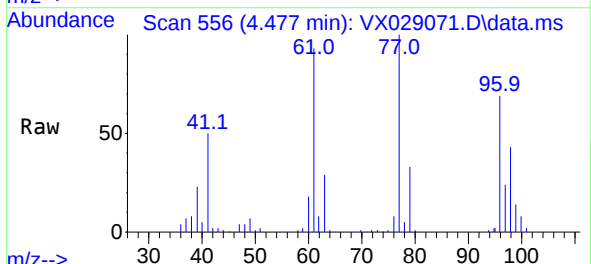
Manual Integrations
APPROVED

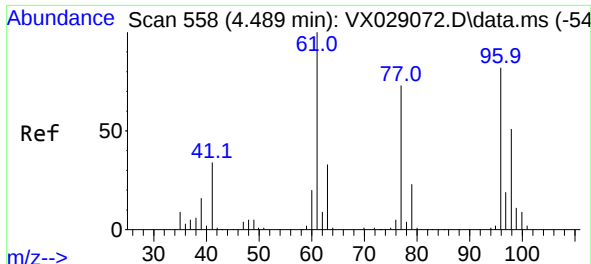
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#26
2,2-Dichloropropane
Concen: 17.288 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 77 Resp: 81657
Ion Ratio Lower Upper
77 100
97 24.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 17.503 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 7019

Ion Ratio Lower Upper

96 100

61 128.8 0.0 283.8

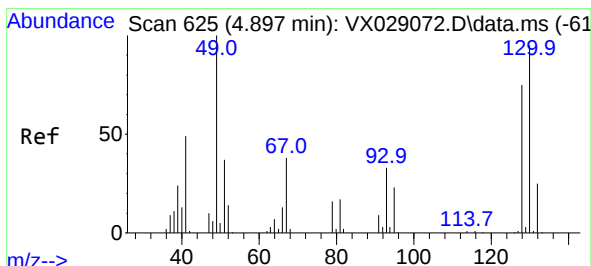
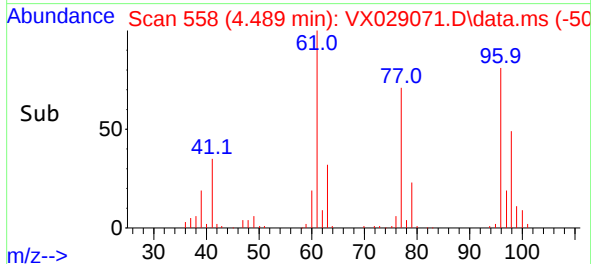
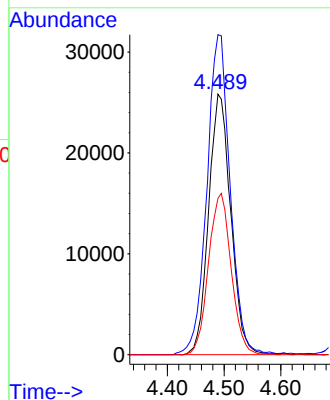
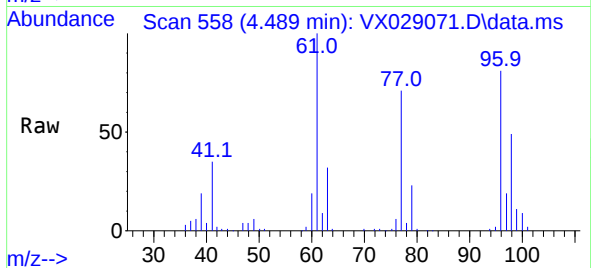
98 63.3 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#28

Bromochloromethane

Concen: 15.977 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

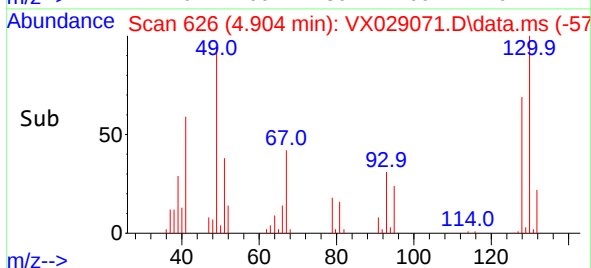
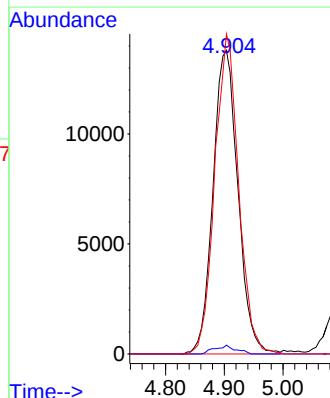
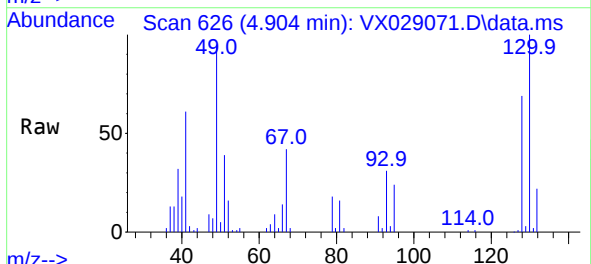
Tgt Ion: 49 Resp: 40742

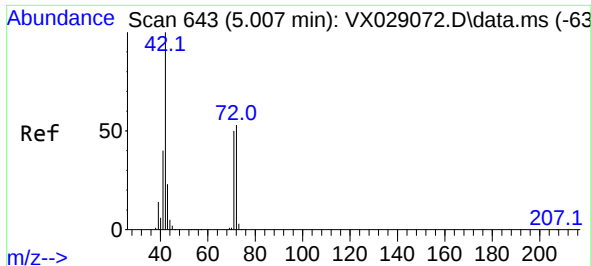
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

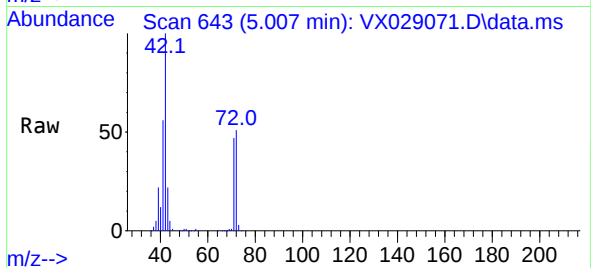
130 100.6 70.7 106.1





#29
Tetrahydrofuran
Concen: 80.080 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

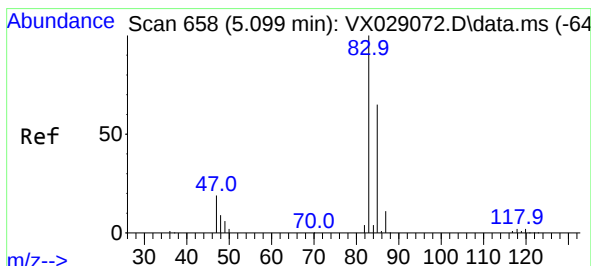
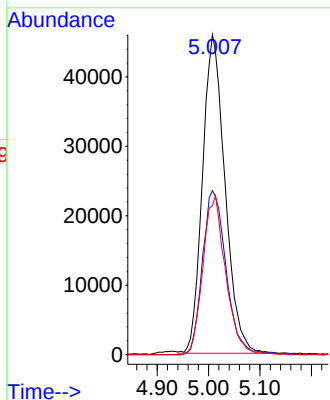
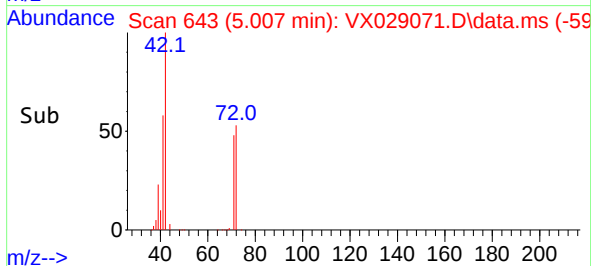
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 13946
Ion Ratio Lower Upper
42 100
72 54.2 44.1 66.1
71 50.3 40.5 60.7

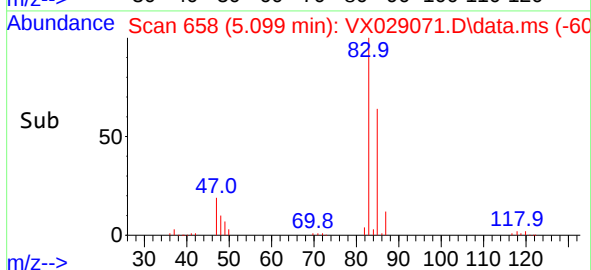
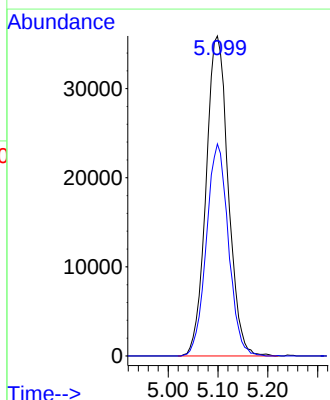
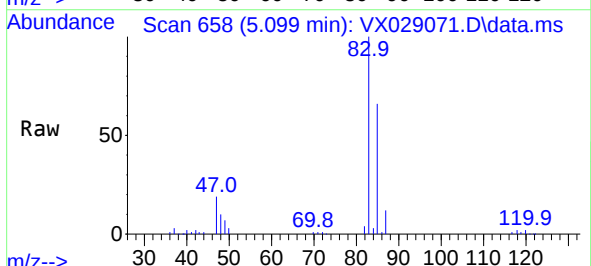
Manual Integrations
APPROVED

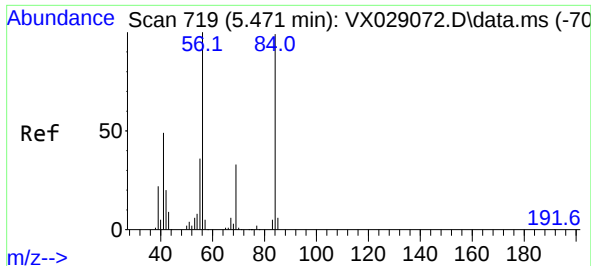
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#30
Chloroform
Concen: 17.009 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

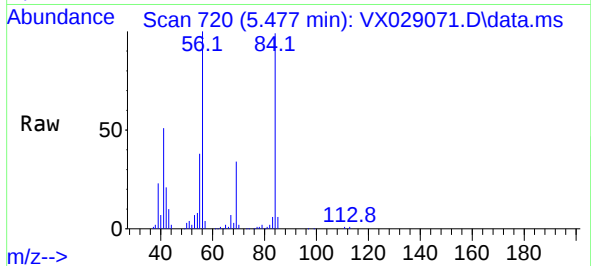
Tgt Ion: 83 Resp: 110985
Ion Ratio Lower Upper
83 100
85 66.2 52.7 79.1





#31
Cyclohexane
Concen: 15.670 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

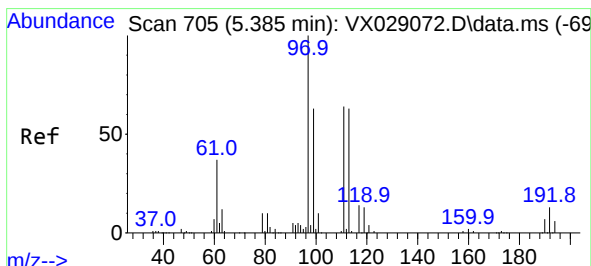
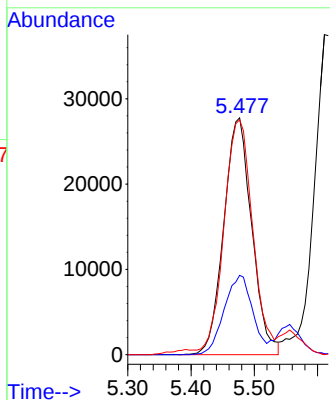
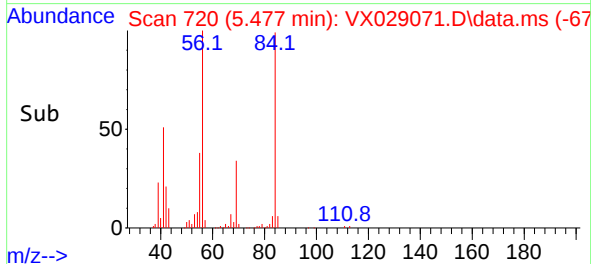
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 85619
Ion Ratio Lower Upper
56 100
69 33.5 26.7 40.1
84 97.5 77.2 115.8

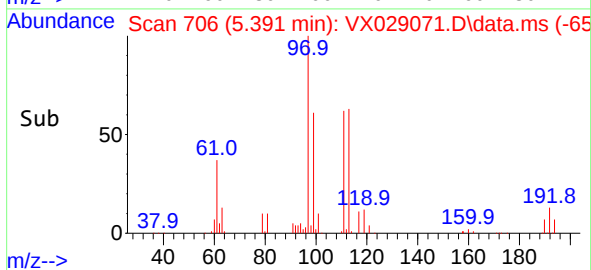
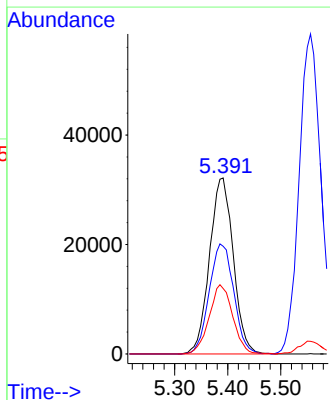
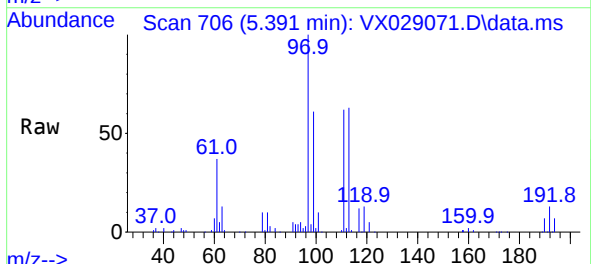
Manual Integrations
APPROVED

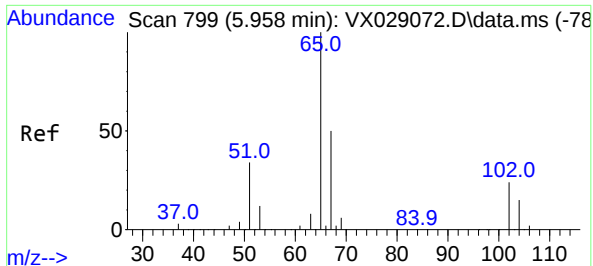
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#32
1,1,1-Trichloroethane
Concen: 17.507 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 97 Resp: 100097
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 39.0 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 16.195 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 64409

Ion Ratio Lower Upper

65 100

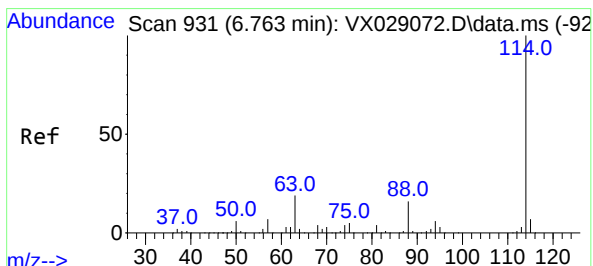
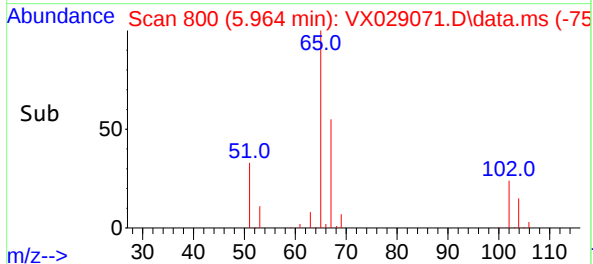
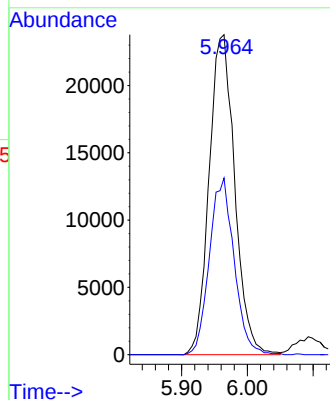
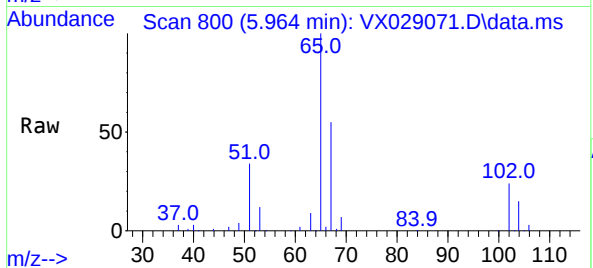
67 53.3 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

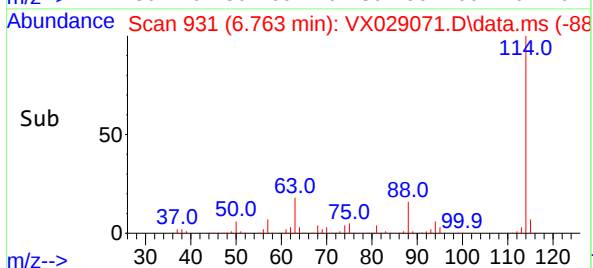
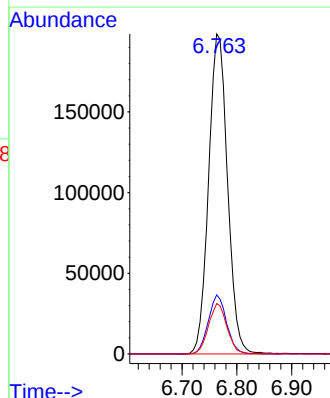
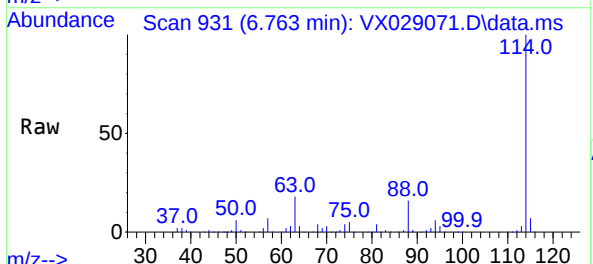
Tgt Ion:114 Resp: 474256

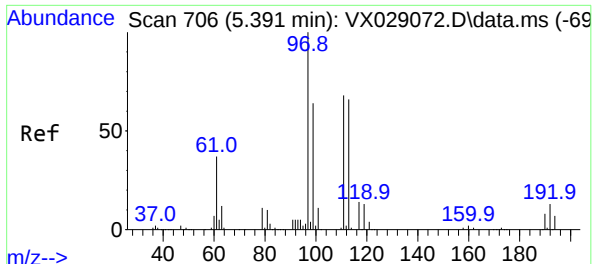
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

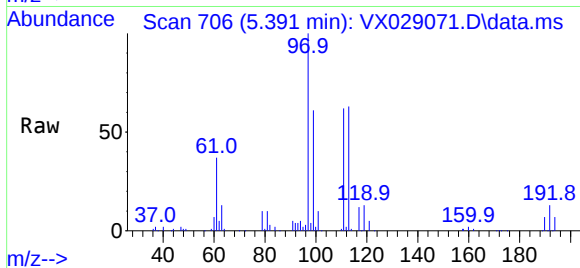
88 15.8 0.0 32.4





#35
Dibromofluoromethane
Concen: 19.310 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

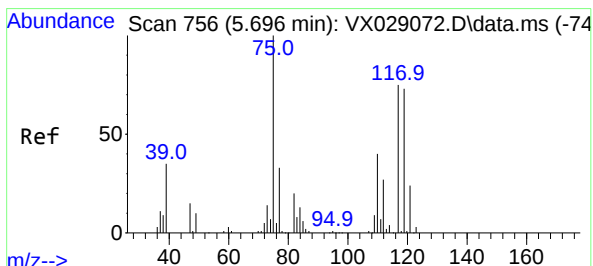
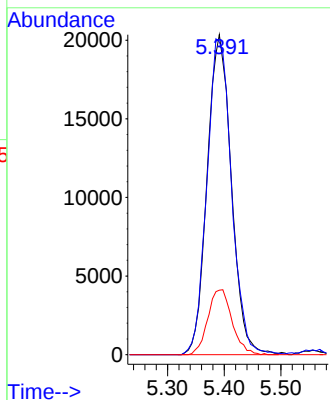
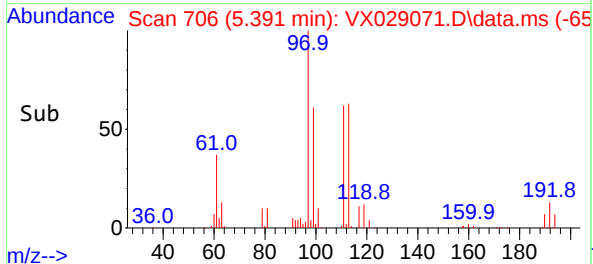
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



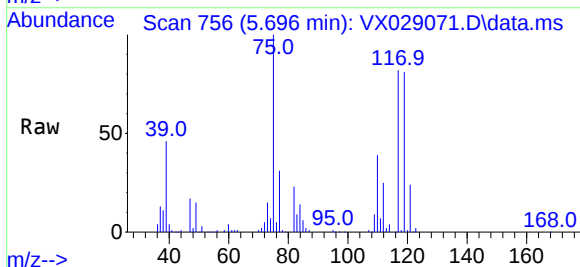
Tgt Ion: 113 Resp: 60269
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 20.3 16.9 25.3

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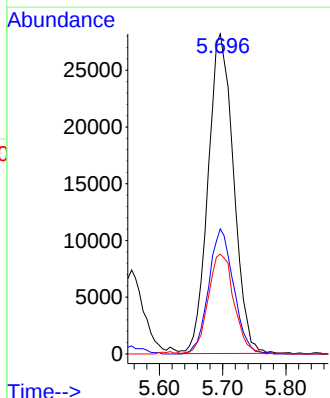
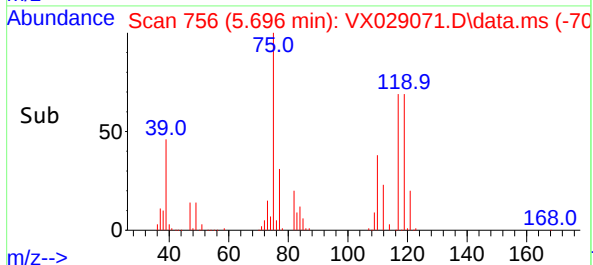
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

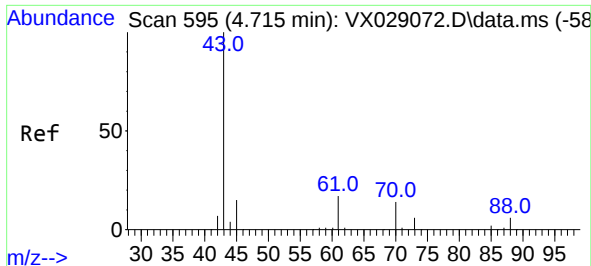


#36
1,1-Dichloropropene
Concen: 17.266 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



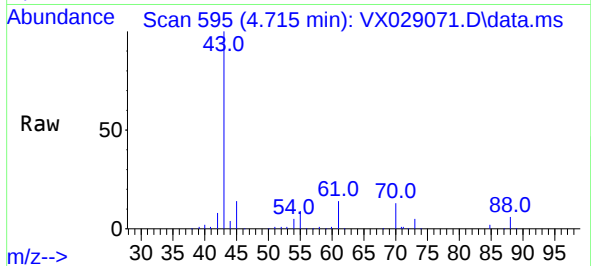
Tgt Ion: 75 Resp: 78802
Ion Ratio Lower Upper
75 100
110 38.3 18.3 54.8
77 31.7 24.8 37.2





#37
Ethyl Acetate
Concen: 16.789 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

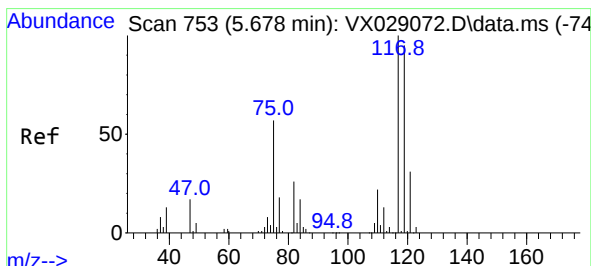
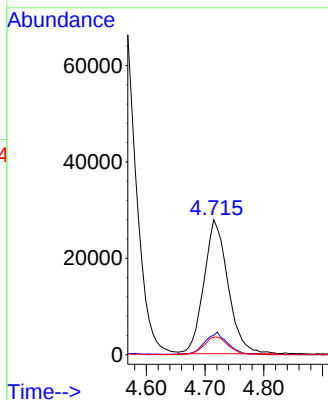
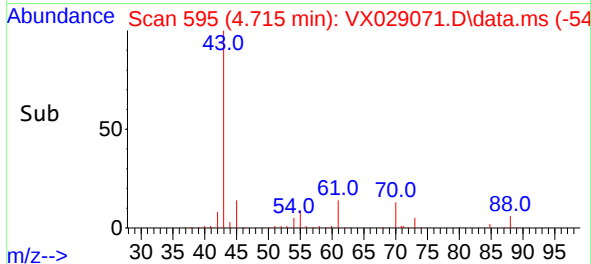
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



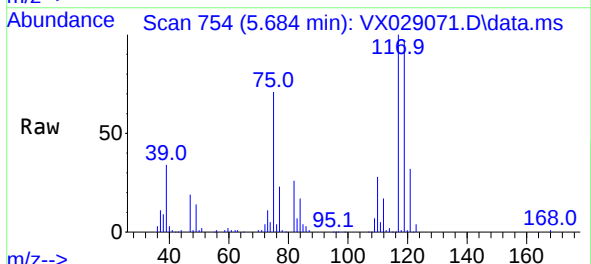
Tgt Ion: 43 Resp: 79319
Ion Ratio Lower Upper
43 100
61 16.1 12.6 19.0
70 13.5 10.2 15.2

Manual Integrations
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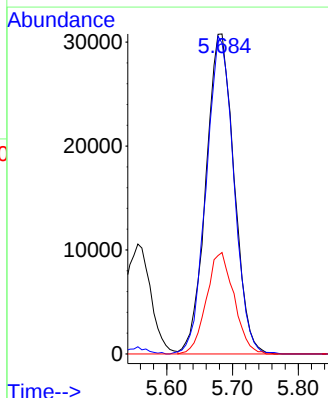
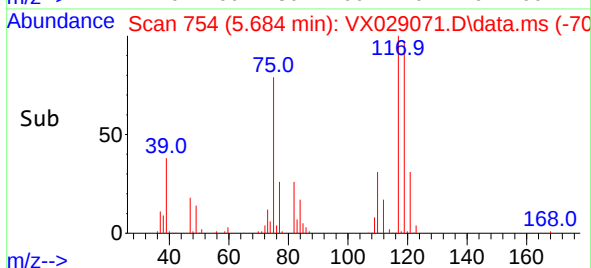
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

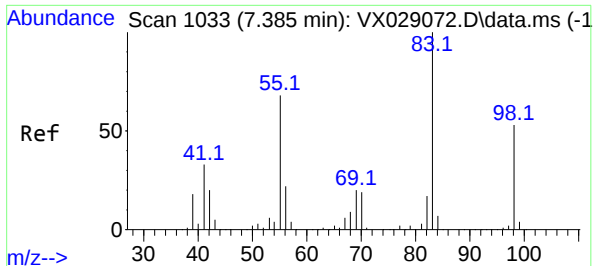


#38
Carbon Tetrachloride
Concen: 19.578 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion:117 Resp: 91539
Ion Ratio Lower Upper
117 100
119 96.9 77.3 115.9
121 31.7 24.2 36.2





#39

Methylcyclohexane

Concen: 18.636 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 98520

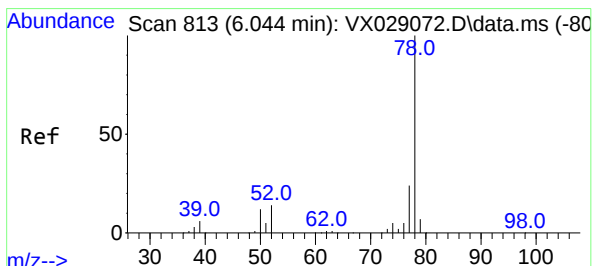
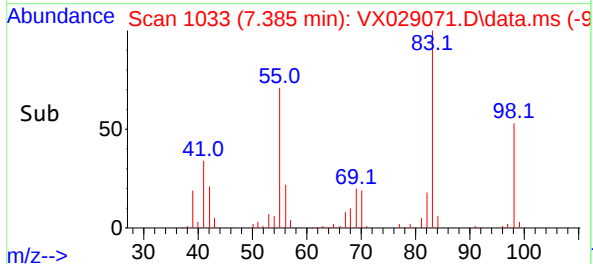
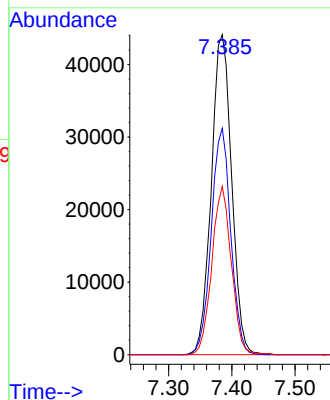
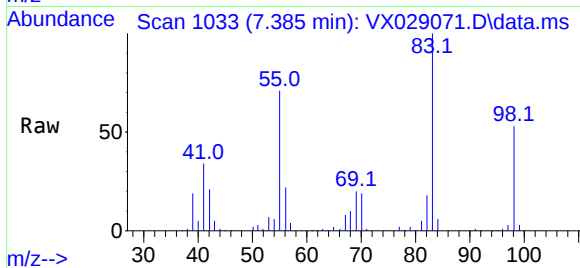
Ion	Ratio	Lower	Upper
83	100		
55	70.7	54.6	81.8
98	52.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#40

Benzene

Concen: 18.246 ug/l

RT: 6.044 min Scan# 813

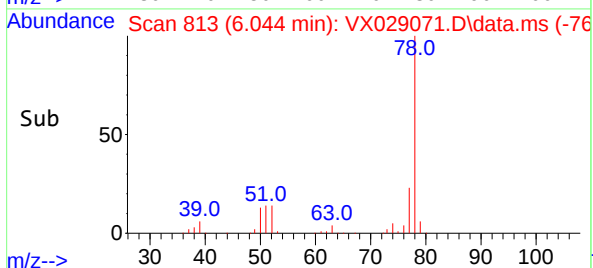
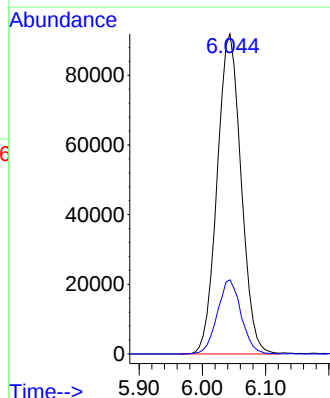
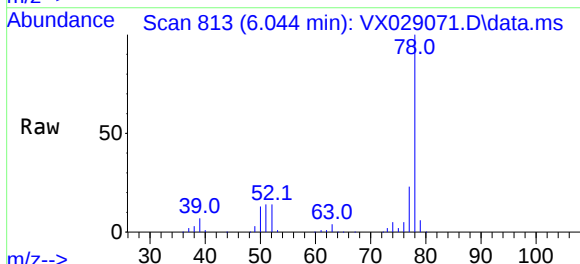
Delta R.T. 0.000 min

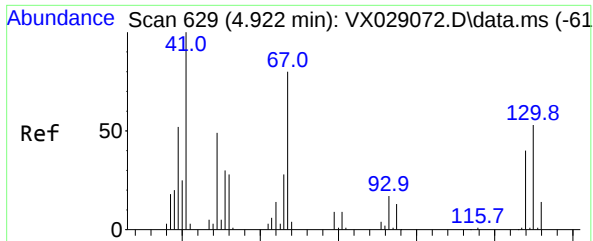
Lab File: VX029071.D

Acq: 31 May 2022 12:54

Tgt Ion: 78 Resp: 241124

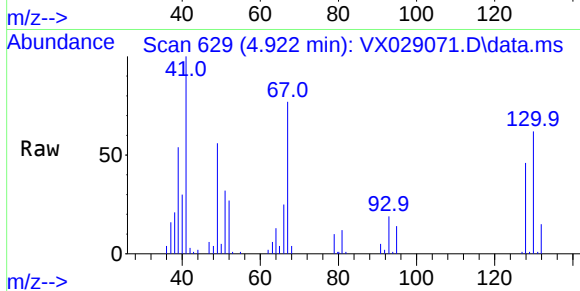
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





#41
Methacrylonitrile
Concen: 16.789 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

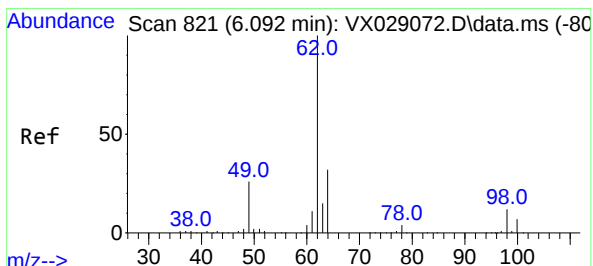
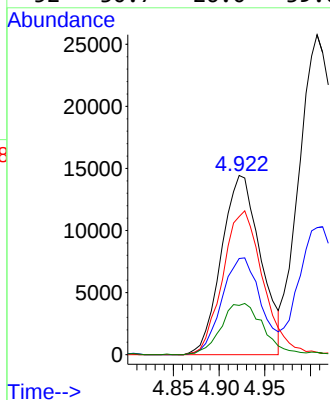
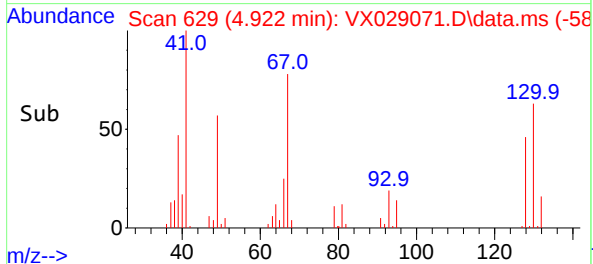
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



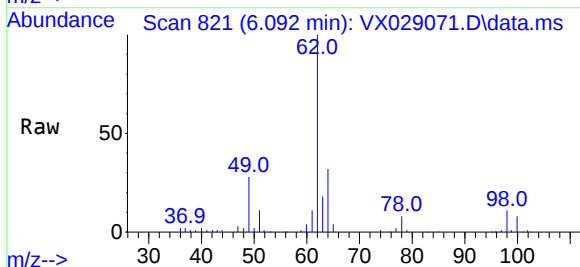
Tgt Ion: 41 Resp: 43030
Ion Ratio Lower Upper
41 100
39 53.8 43.0 64.4
67 82.7 70.2 105.4
52 30.7 26.0 39.0

Manual Integrations
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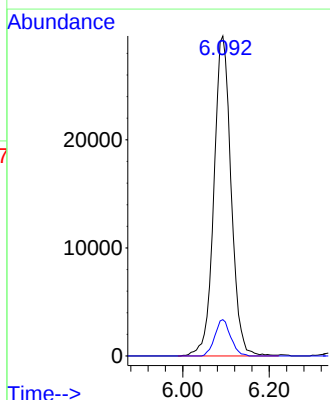
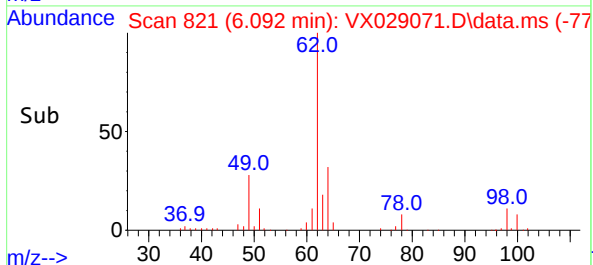
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

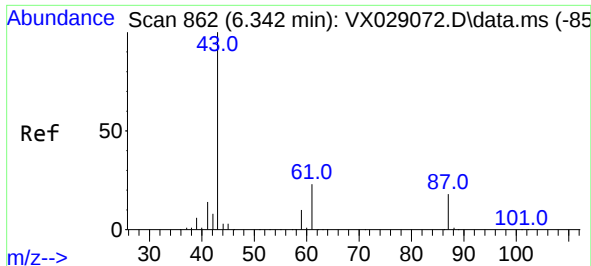


#42
1,2-Dichloroethane
Concen: 16.966 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



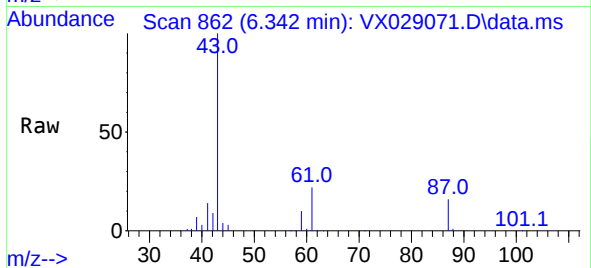
Tgt Ion: 62 Resp: 81731
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.4





#43
Isopropyl Acetate
Concen: 16.452 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

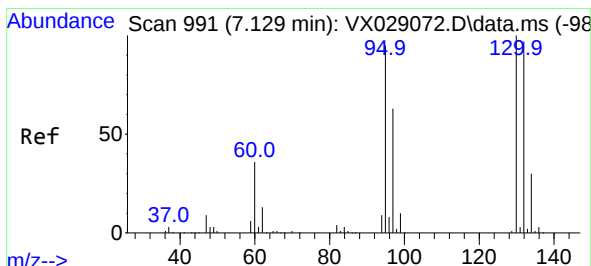
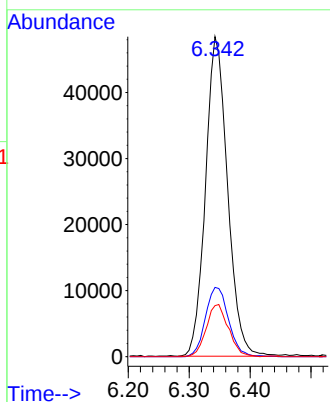
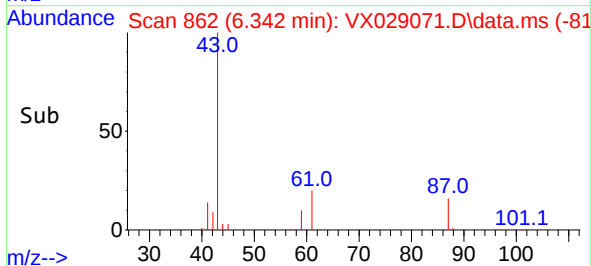
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 121709
Ion Ratio Lower Upper
43 100
61 22.8 18.5 27.7
87 16.4 13.0 19.6

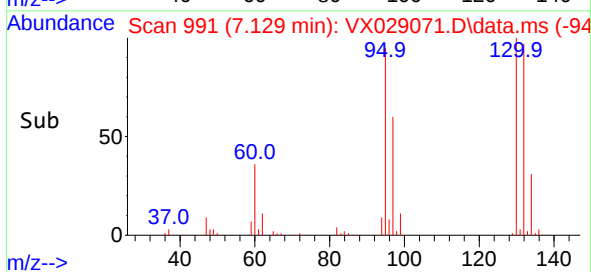
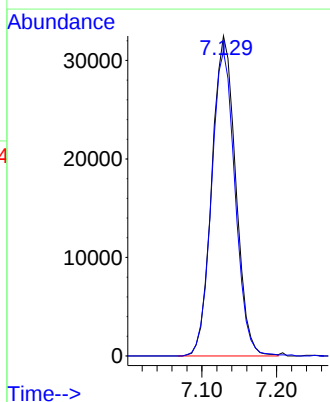
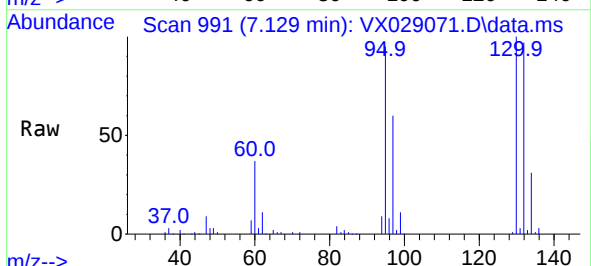
Manual Integrations
APPROVED

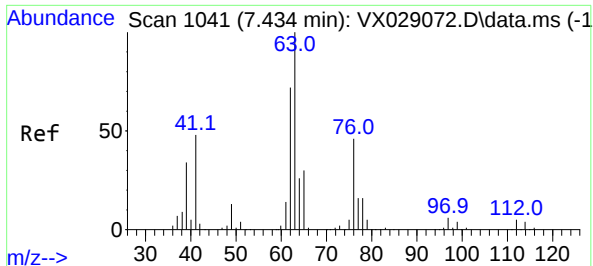
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#44
Trichloroethene
Concen: 19.822 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion:130 Resp: 71912
Ion Ratio Lower Upper
130 100
95 95.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 17.454 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5732

Ion Ratio Lower Upper

63 100

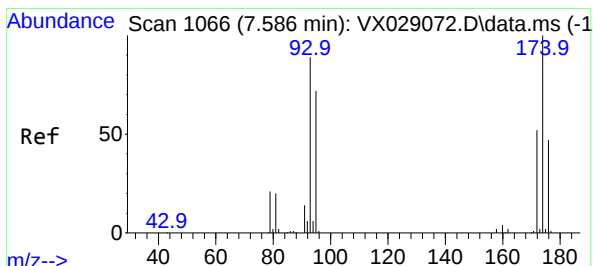
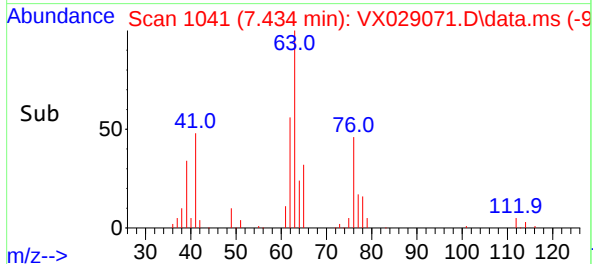
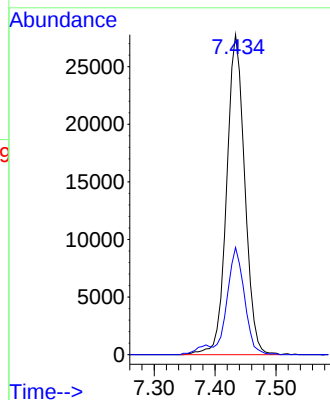
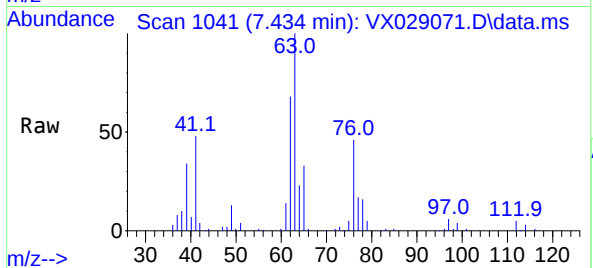
65 33.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#46

Dibromomethane

Concen: 18.141 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

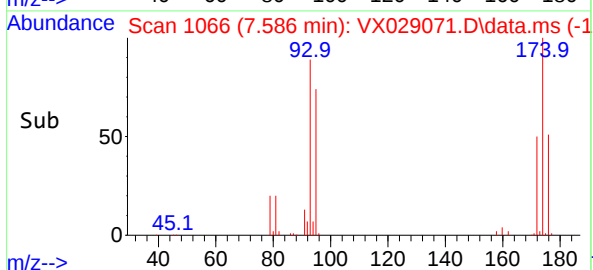
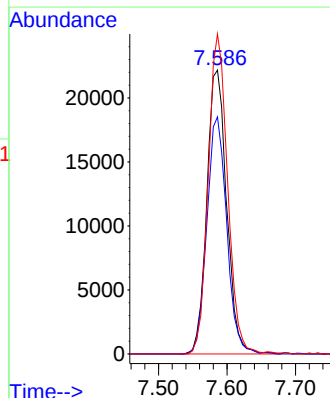
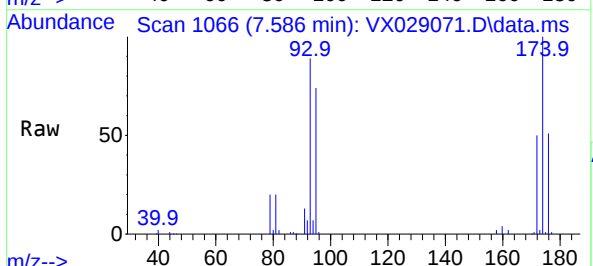
Tgt Ion: 93 Resp: 44696

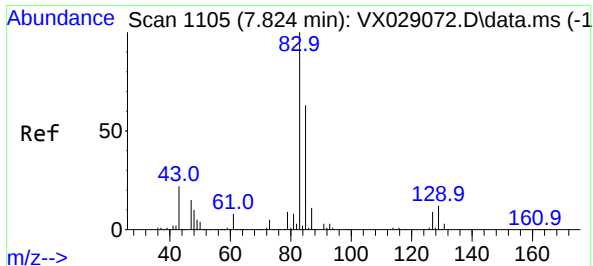
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 109.8 85.4 128.2





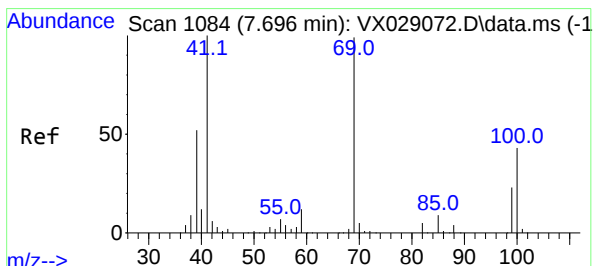
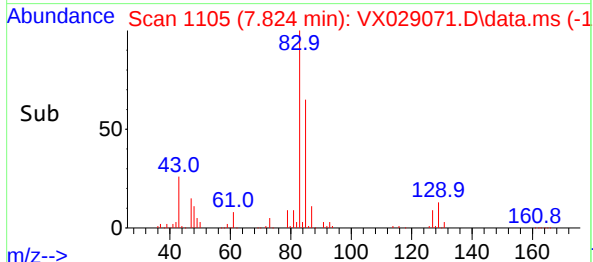
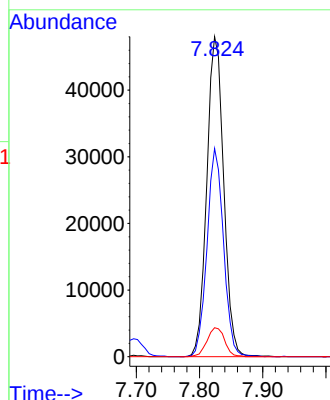
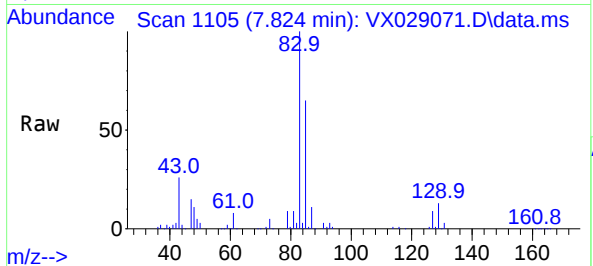
#47
Bromodichloromethane
Concen: 19.411 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 89334
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.2
127 9.1 6.8 10.2

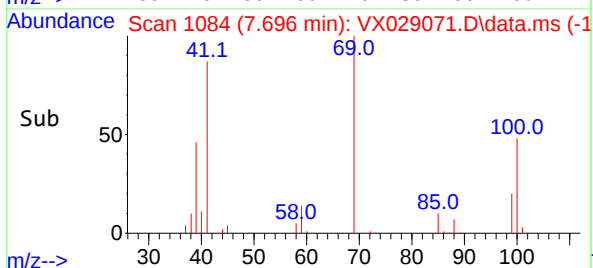
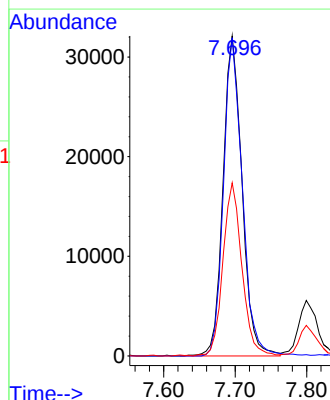
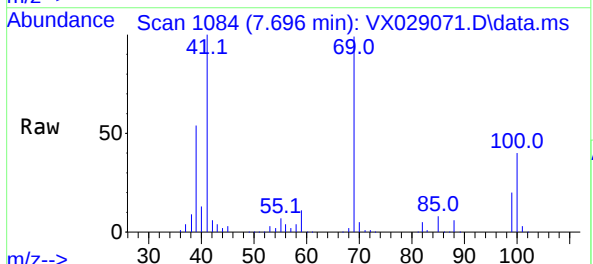
Manual Integrations
APPROVED

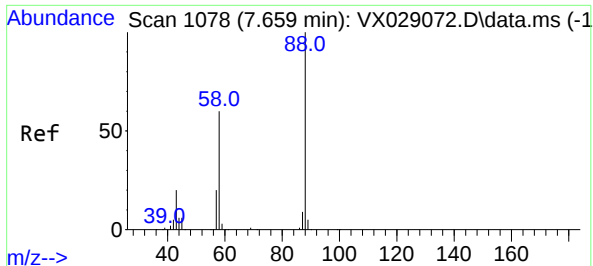
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#48
Methyl methacrylate
Concen: 16.555 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 41 Resp: 59184
Ion Ratio Lower Upper
41 100
69 98.5 82.5 123.7
39 54.1 43.8 65.8





#49

1,4-Dioxane

Concen: 394.902 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 3656

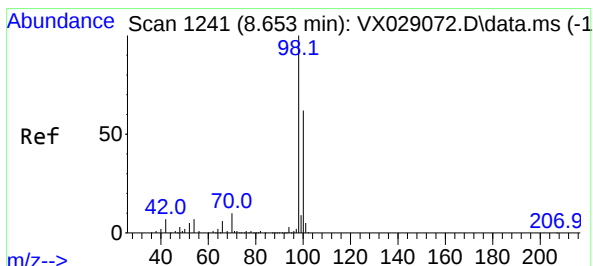
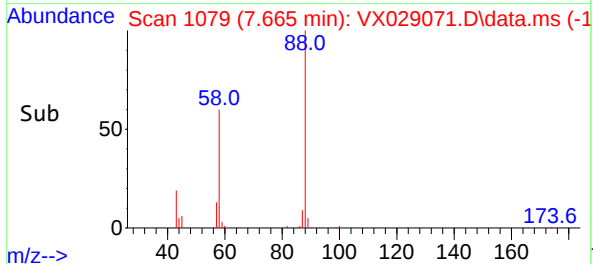
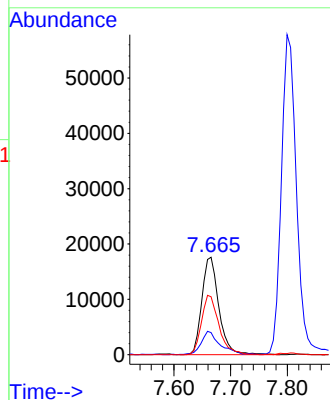
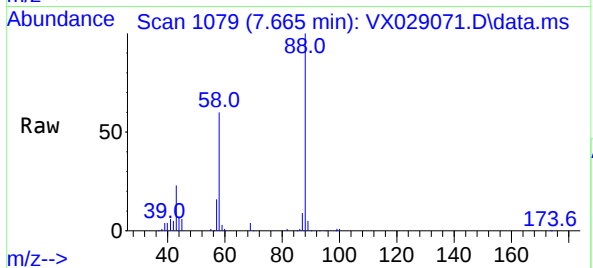
Ion	Ratio	Lower	Upper
88	100		
43	26.7	21.9	32.9
58	62.6	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#50

Toluene-d8

Concen: 18.605 ug/l

RT: 8.653 min Scan# 1241

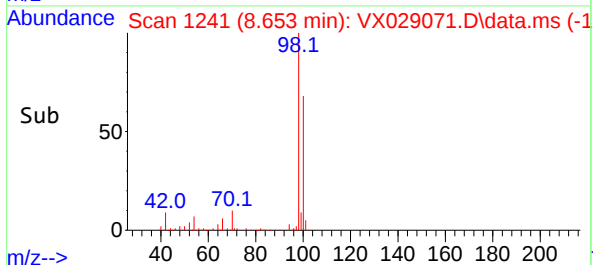
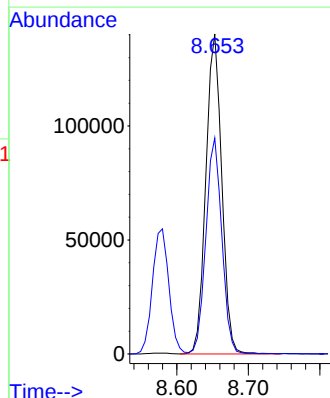
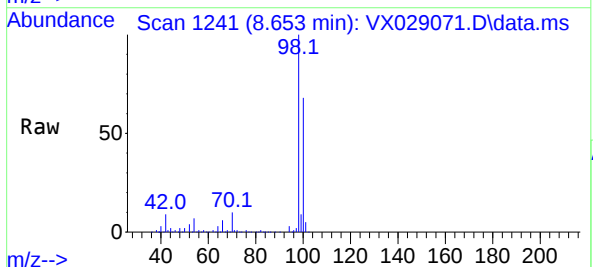
Delta R.T. 0.000 min

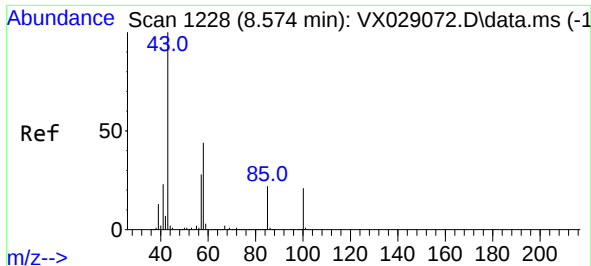
Lab File: VX029071.D

Acq: 31 May 2022 12:54

Tgt Ion: 98 Resp: 216879

Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.6	78.8





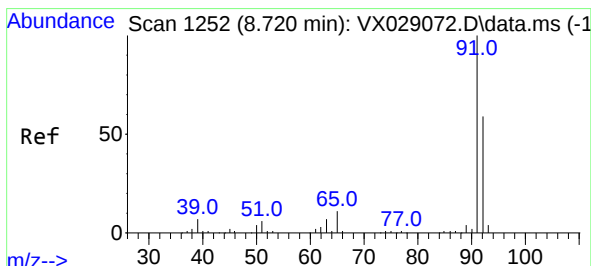
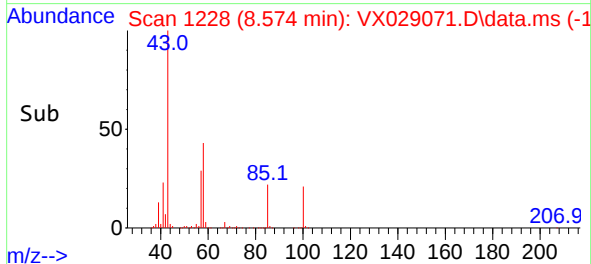
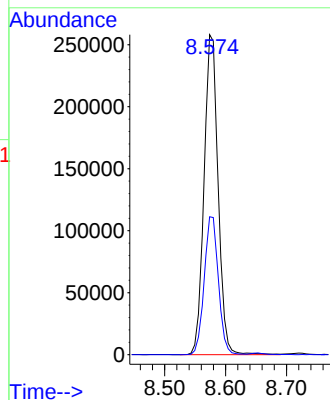
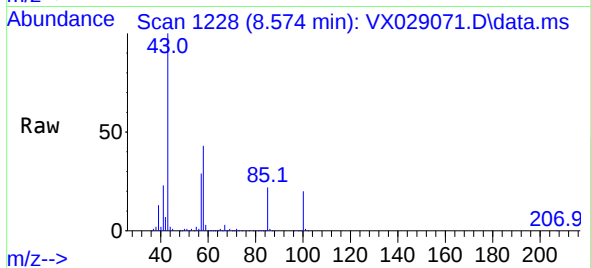
#51
4-Methyl-2-Pentanone
Concen: 85.042 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 41469
Ion Ratio Lower Upper
43 100
58 43.5 36.1 54.1

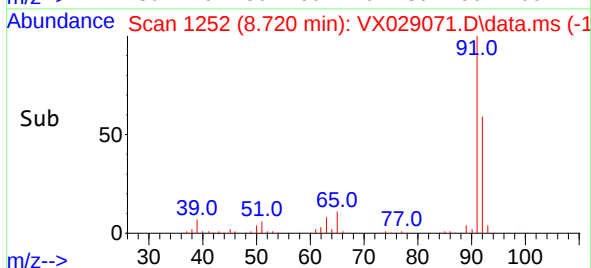
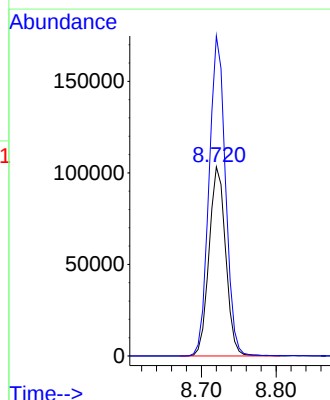
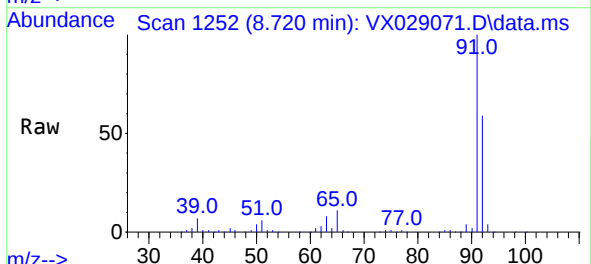
Manual Integrations
APPROVED

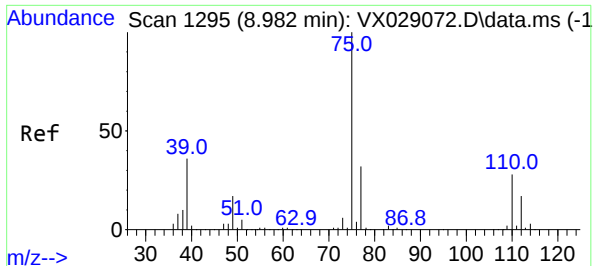
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#52
Toluene
Concen: 18.682 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 92 Resp: 159169
Ion Ratio Lower Upper
92 100
91 167.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.318 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 89920

Ion Ratio Lower Upper

75 100

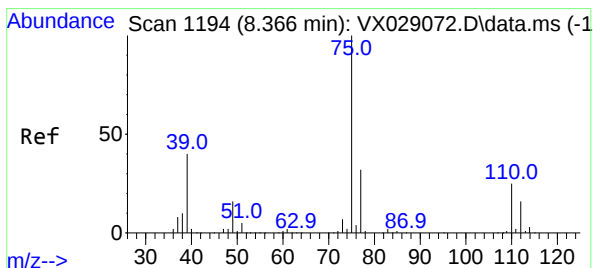
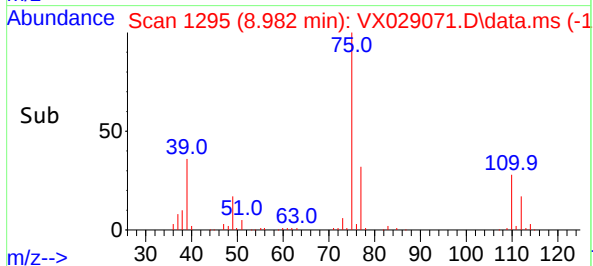
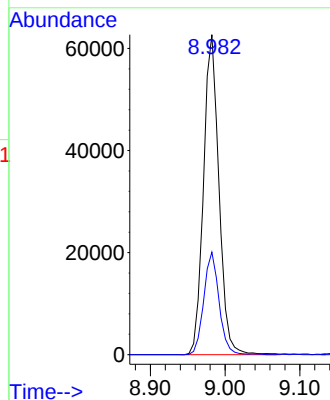
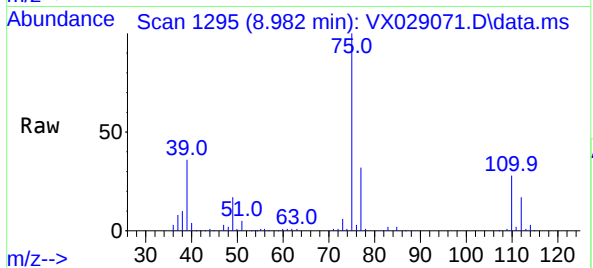
77 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#54

cis-1,3-Dichloropropene

Concen: 18.823 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

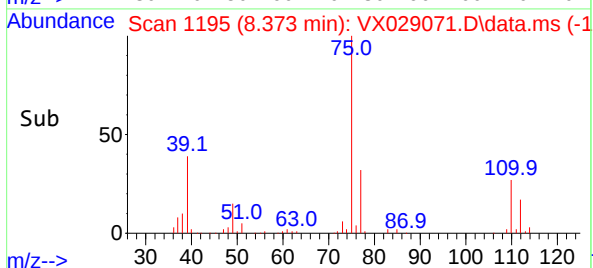
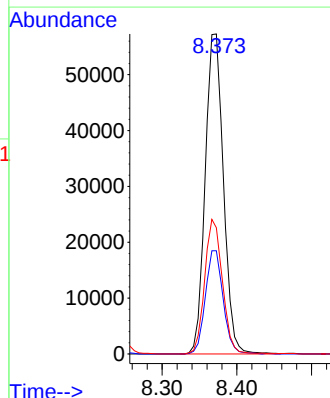
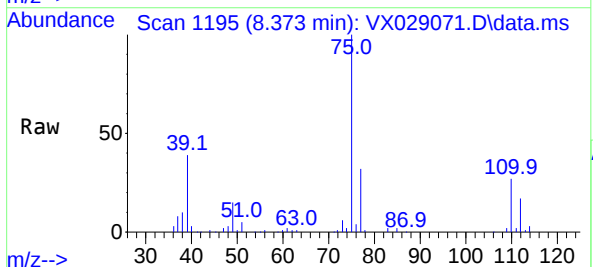
Tgt Ion: 75 Resp: 97121

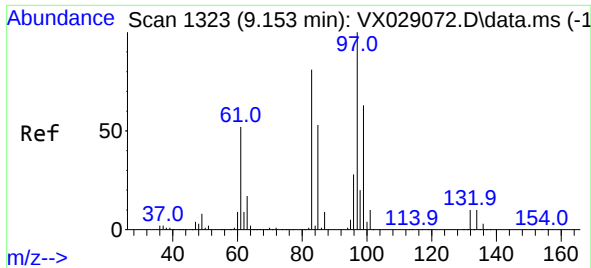
Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 39.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 18.826 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

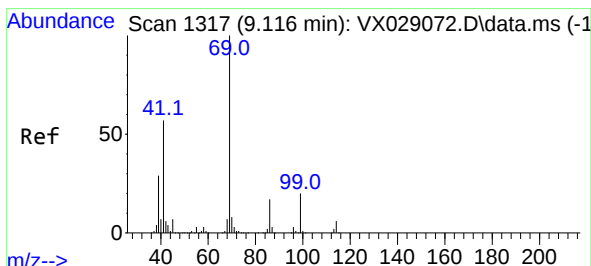
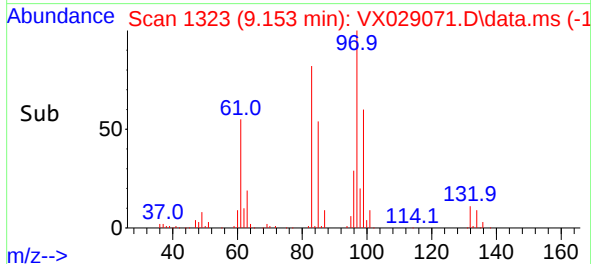
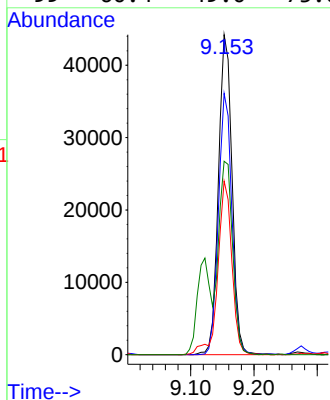
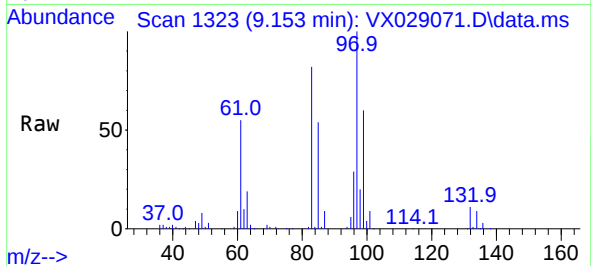
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 65679

Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.2	99.4
85	54.3	42.9	64.3
99	60.4	49.0	73.6

Manual Integrations
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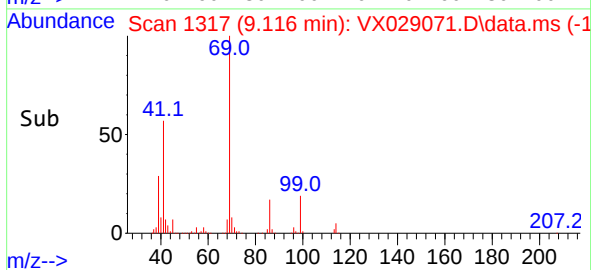
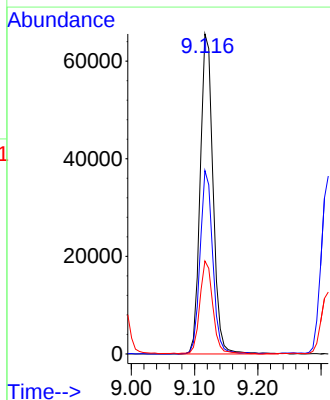
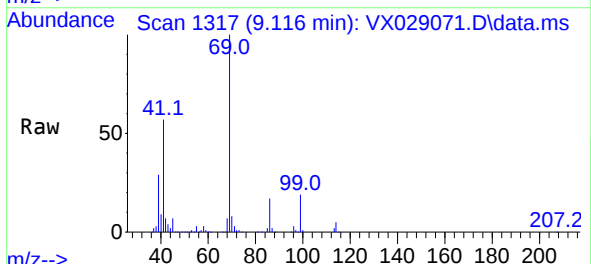
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

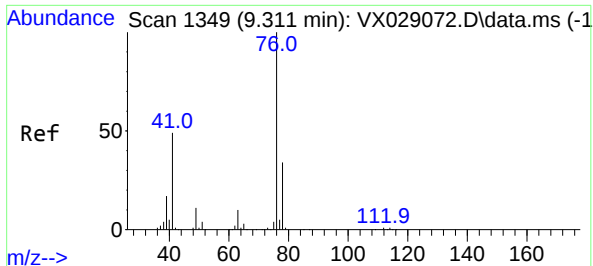


#56
Ethyl methacrylate
Concen: 17.729 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 69 Resp: 92708

Ion	Ratio	Lower	Upper
69	100		
41	57.0	43.8	65.6
39	29.8	22.2	33.2





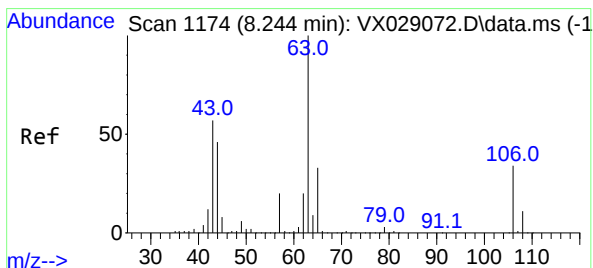
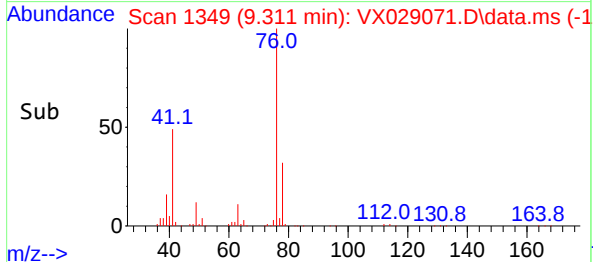
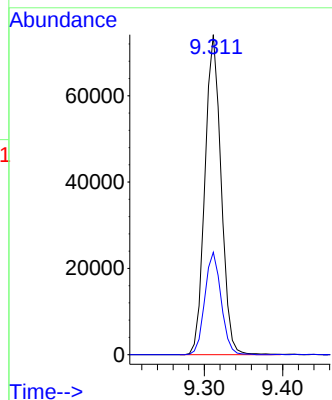
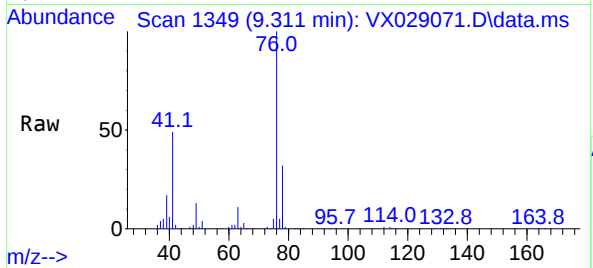
#57
1,3-Dichloropropane
Concen: 18.156 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 106298
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

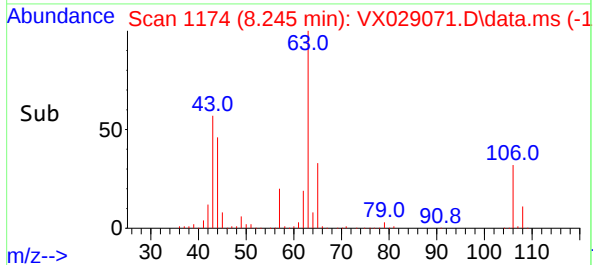
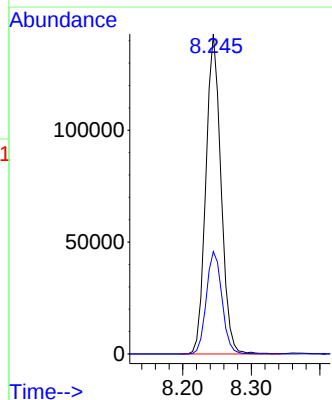
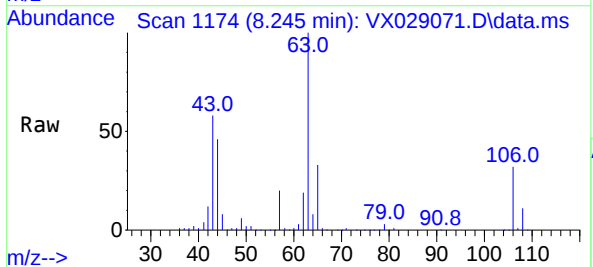
Manual Integrations
APPROVED

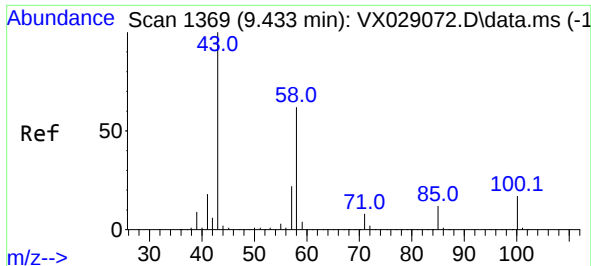
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#58
2-Chloroethyl Vinyl ether
Concen: 85.057 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 63 Resp: 219812
Ion Ratio Lower Upper
63 100
106 33.0 23.9 35.9





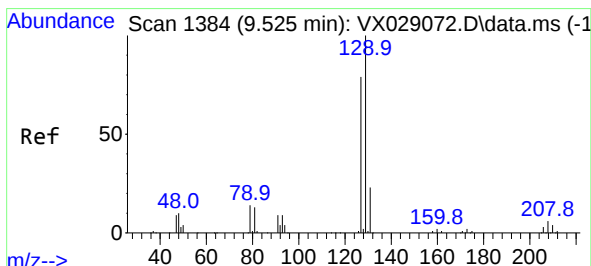
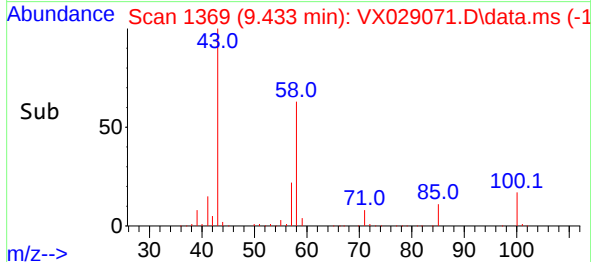
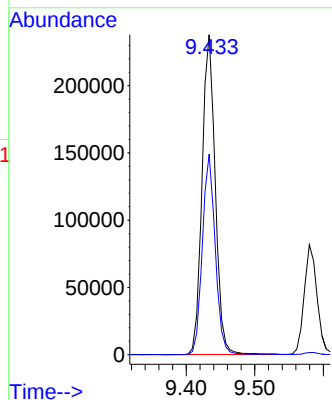
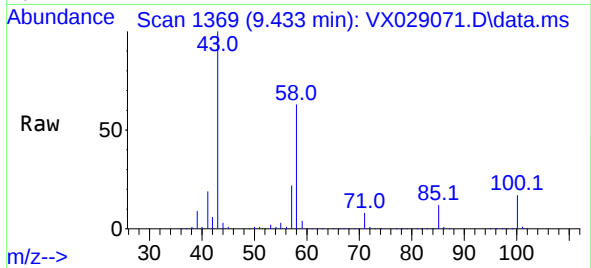
#59
2-Hexanone
Concen: 84.464 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 319369
Ion Ratio Lower Upper
43 100
58 61.4 31.9 95.7

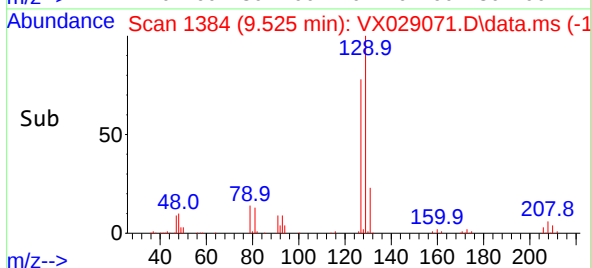
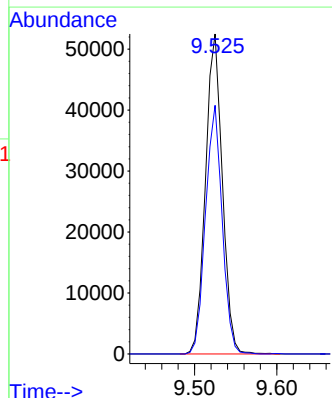
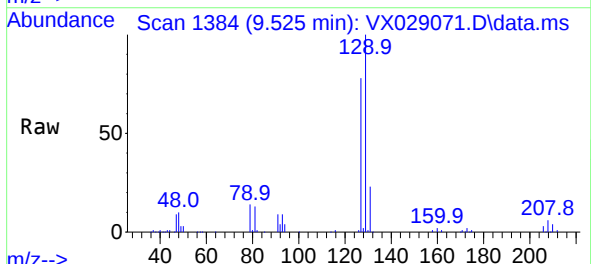
Manual Integrations
APPROVED

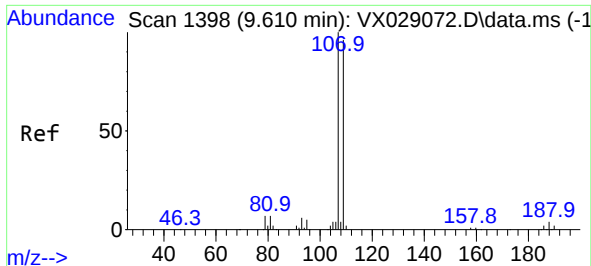
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#60
Dibromochloromethane
Concen: 21.514 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion:129 Resp: 74716
Ion Ratio Lower Upper
129 100
127 76.7 40.3 120.8





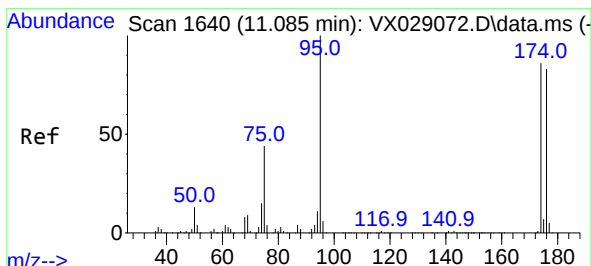
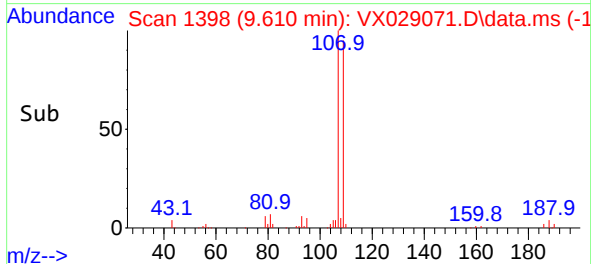
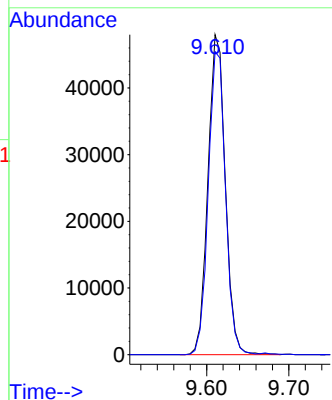
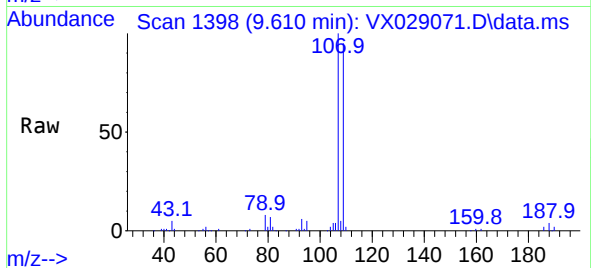
#61
1,2-Dibromoethane
Concen: 19.099 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 70139
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6

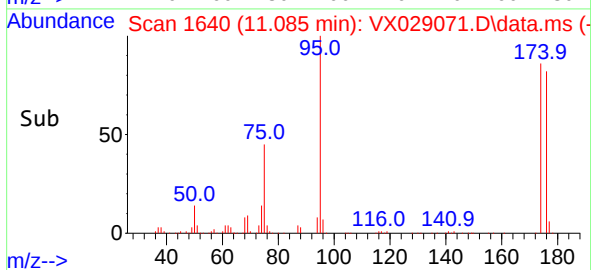
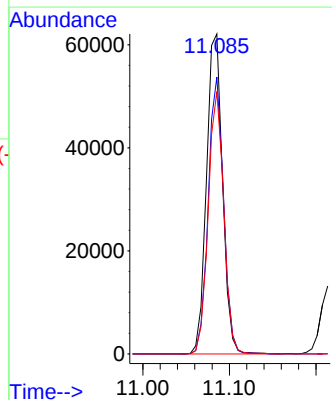
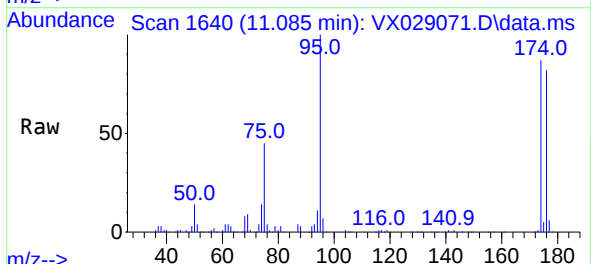
Manual Integrations
APPROVED

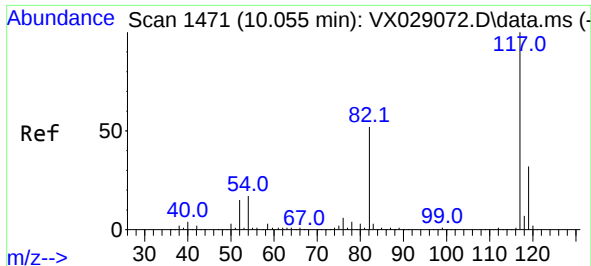
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#62
4-Bromofluorobenzene
Concen: 18.291 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

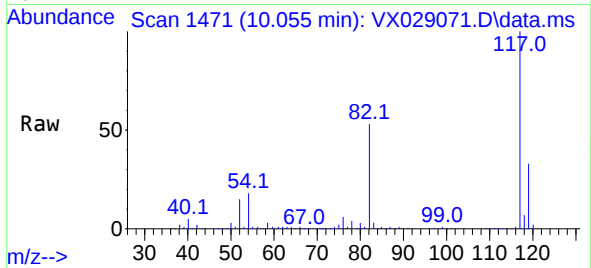
Tgt Ion: 95 Resp: 79813
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 79.5 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

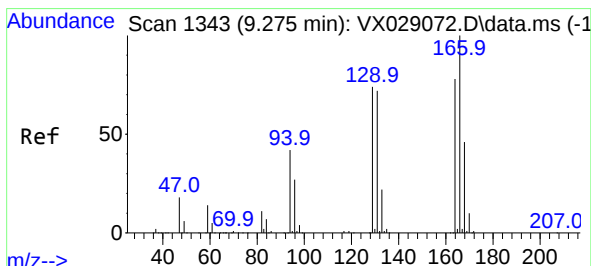
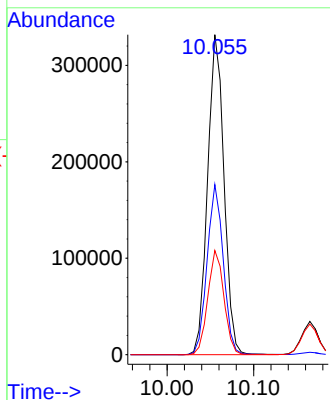
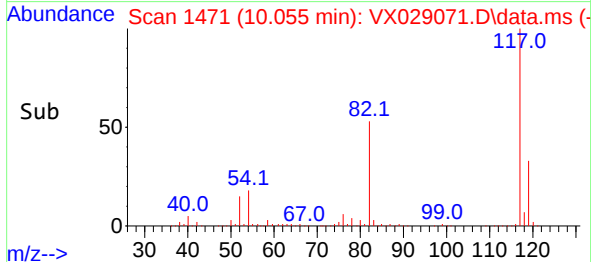
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



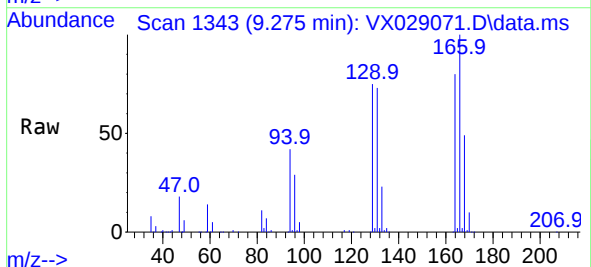
Tgt Ion:117 Resp: 436730
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.5 24.8 37.2

Manual Integrations
APPROVED

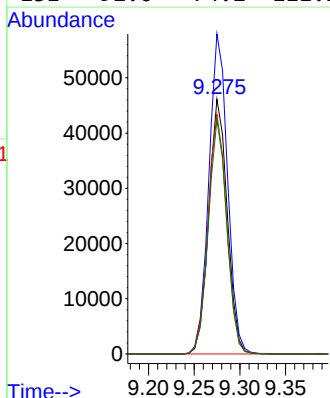
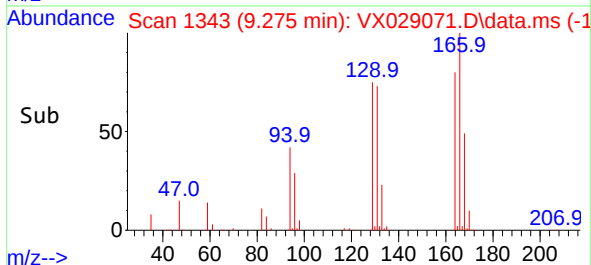
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

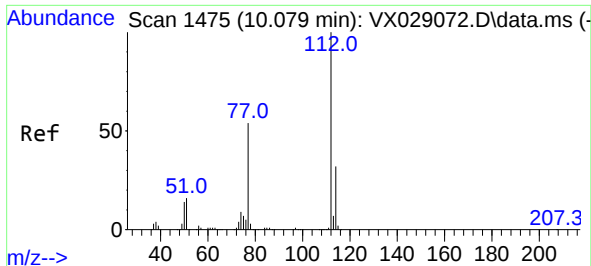


#64
Tetrachloroethene
Concen: 19.846 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



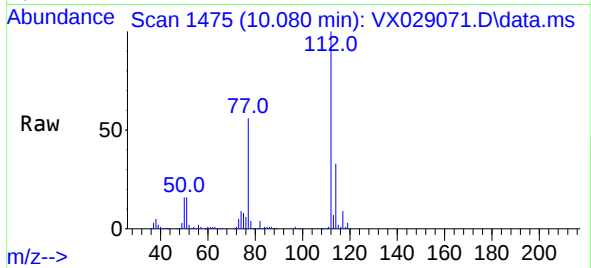
Tgt Ion:164 Resp: 65325
Ion Ratio Lower Upper
164 100
166 125.7 101.2 151.8
129 94.1 73.0 109.4
131 92.0 74.2 111.2





#65
Chlorobenzene
Concen: 19.107 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

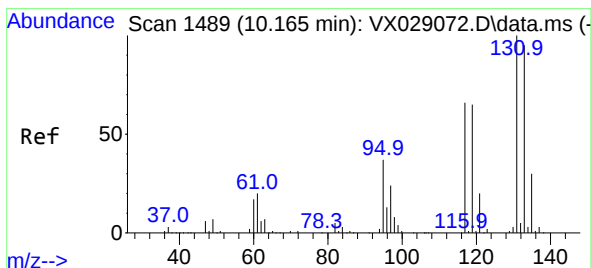
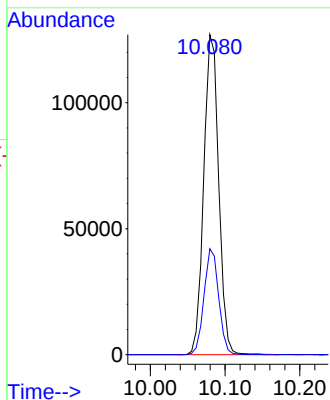
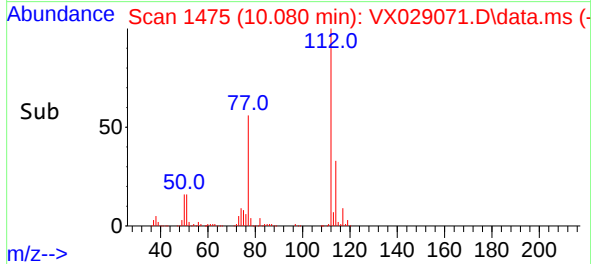
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



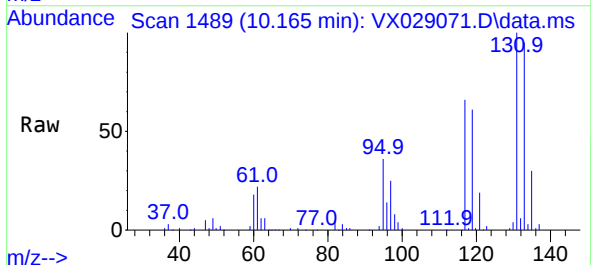
Tgt Ion:112 Resp: 176210
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

Manual Integrations
APPROVED

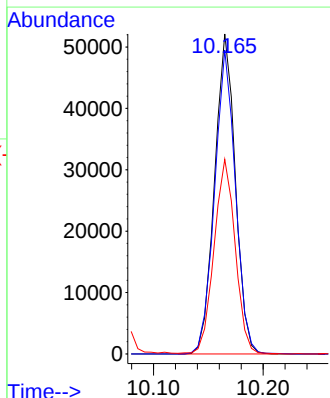
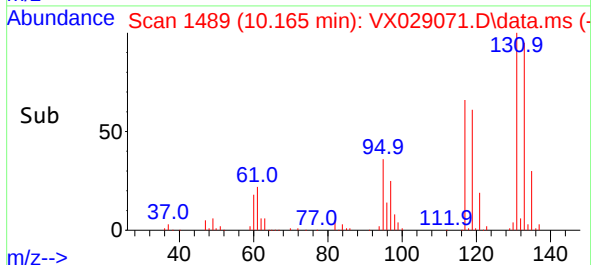
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

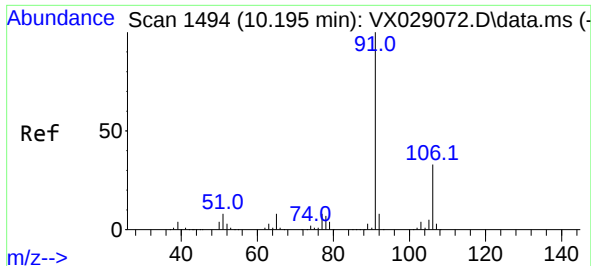


#66
1,1,1,2-Tetrachloroethane
Concen: 20.692 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



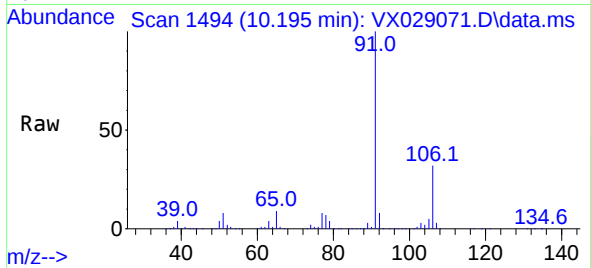
Tgt Ion:131 Resp: 68476
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.8
119 62.3 32.6 98.0





#67
Ethyl Benzene
Concen: 18.246 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

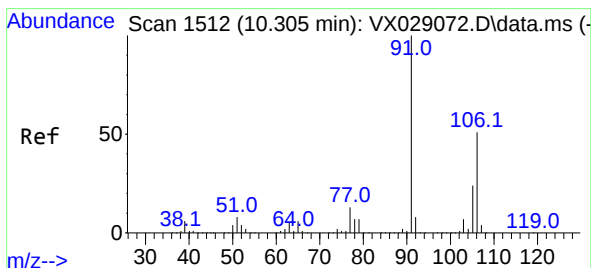
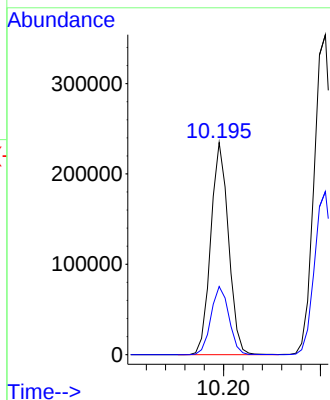
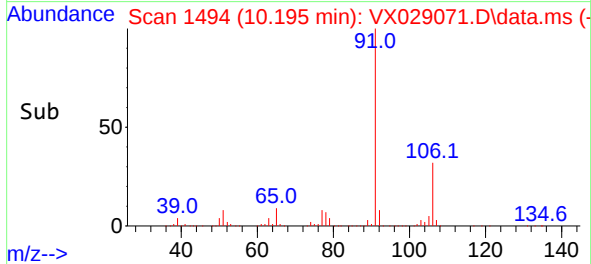
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



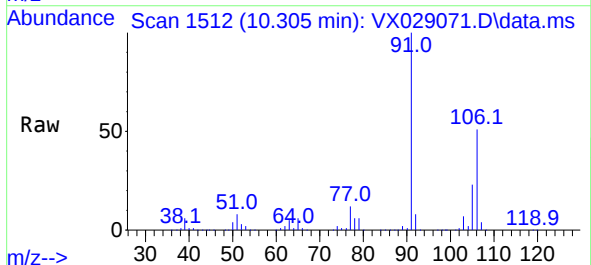
Tgt Ion: 91 Resp: 298969
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

Manual Integrations
APPROVED

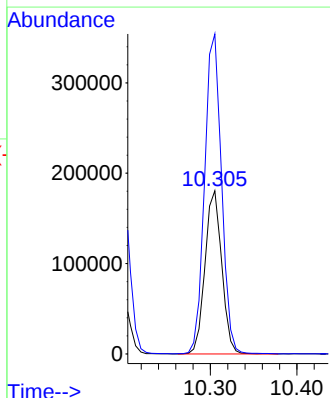
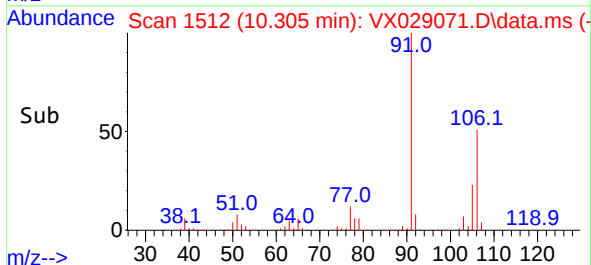
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

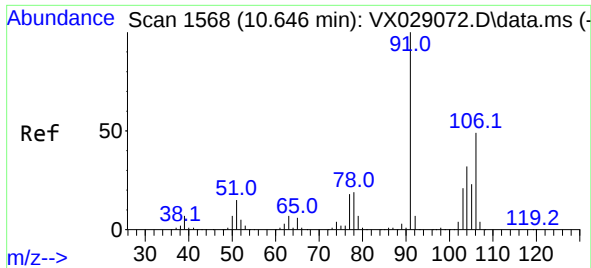


#68
m/p-Xylenes
Concen: 37.840 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion:106 Resp: 242547
Ion Ratio Lower Upper
106 100
91 197.9 160.4 240.6





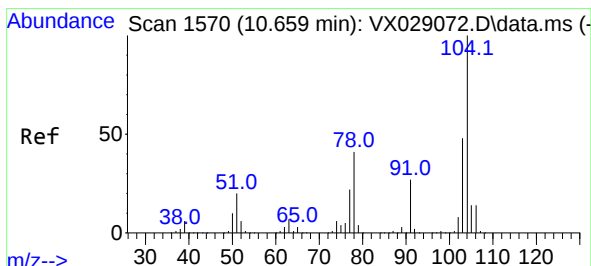
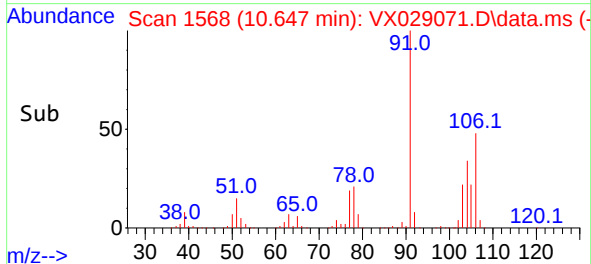
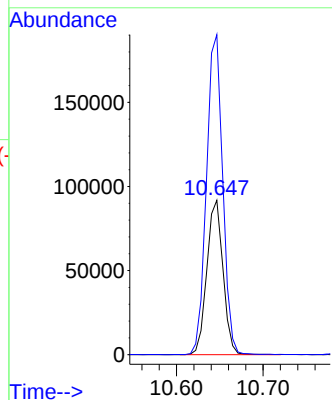
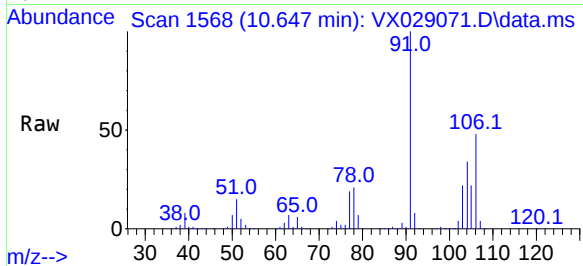
#69
o-Xylene
Concen: 18.752 ug/l
RT: 10.647 min Scan# 11888
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 11888
Ion Ratio Lower Upper
106 100
91 208.7 106.1 318.1

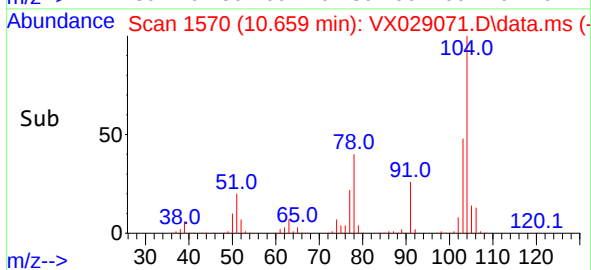
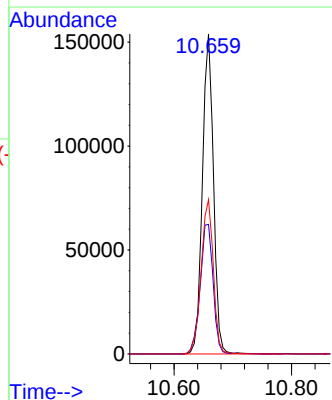
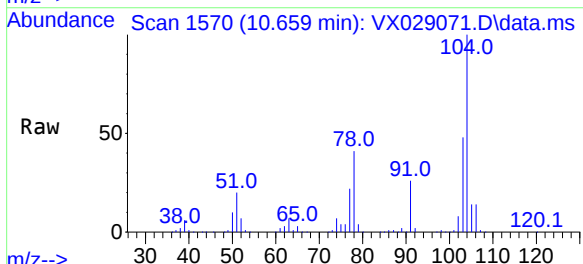
Manual Integrations
APPROVED

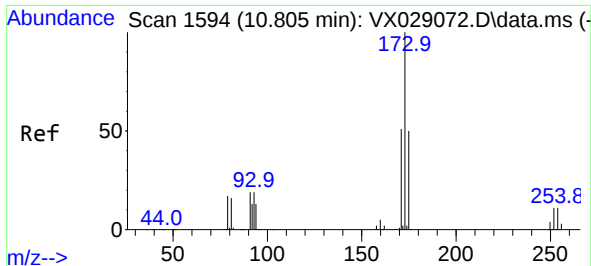
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#70
Styrene
Concen: 19.546 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

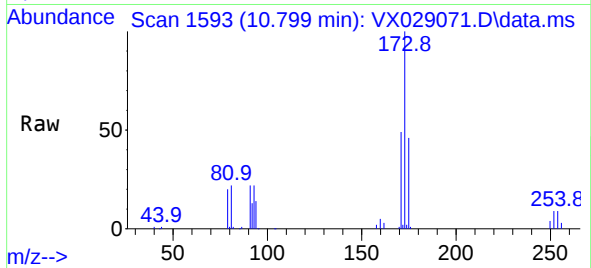
Tgt Ion:104 Resp: 200664
Ion Ratio Lower Upper
104 100
78 47.4 38.6 57.8
103 53.3 43.8 65.8





#71
Bromoform
Concen: 23.596 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

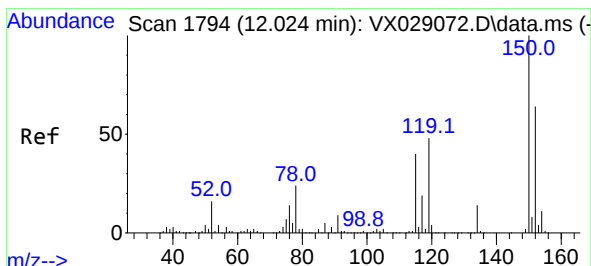
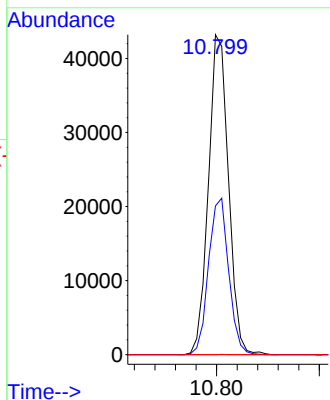
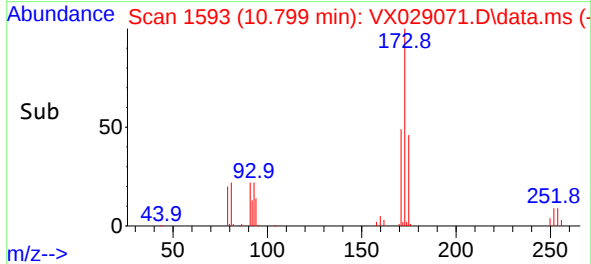
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 58424
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.1 0.1

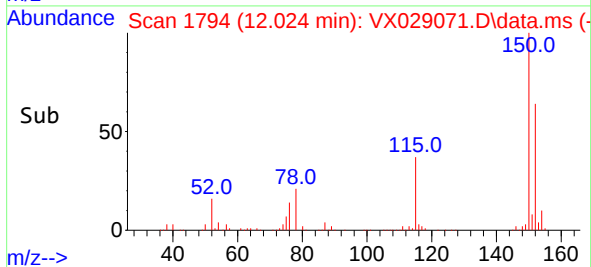
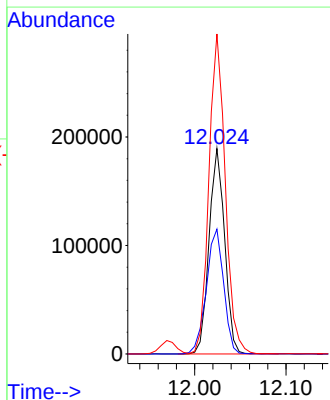
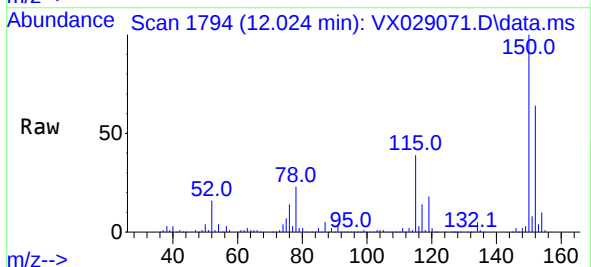
Manual Integrations
APPROVED

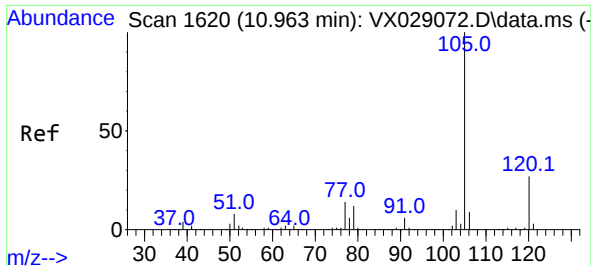
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

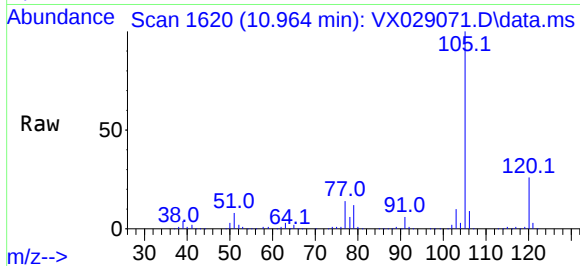
Tgt Ion:152 Resp: 223897
Ion Ratio Lower Upper
152 100
115 67.5 37.5 112.7
150 163.1 0.0 338.2





#73
Isopropylbenzene
Concen: 18.448 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

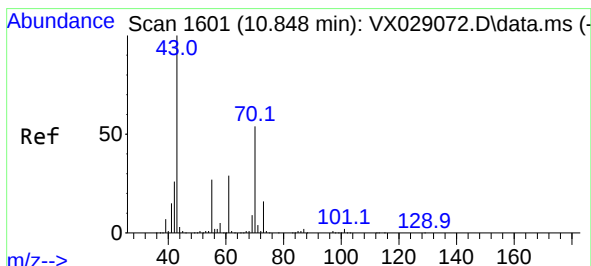
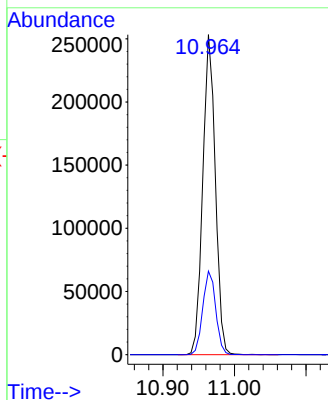
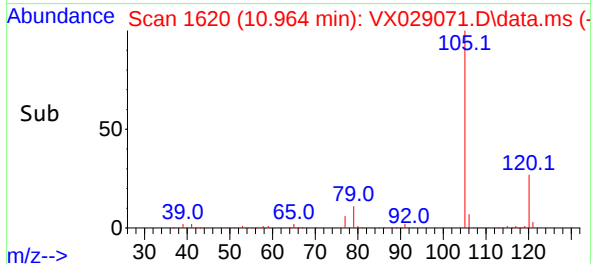
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



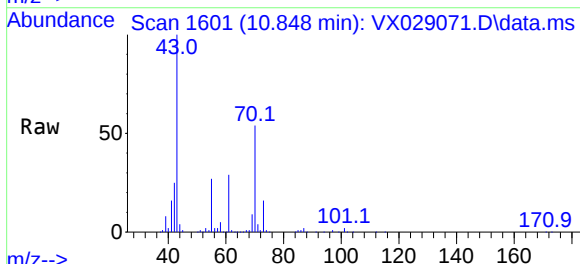
Tgt Ion:105 Resp: 30895
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

Manual Integrations
APPROVED

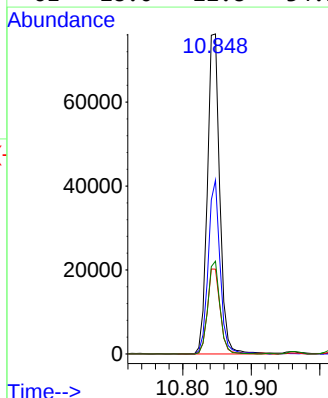
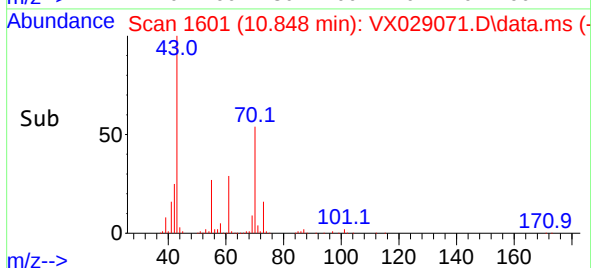
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

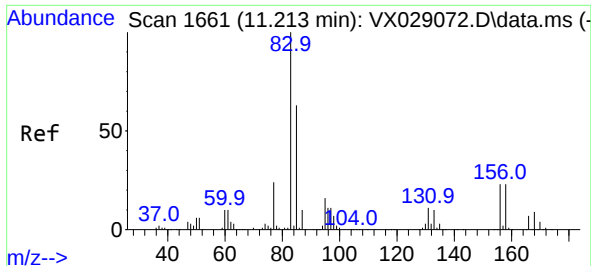


#74
N-ethyl acetate
Concen: 15.059 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion: 43 Resp: 96076
Ion Ratio Lower Upper
43 100
70 51.7 42.5 63.7
55 27.2 23.1 34.7
61 28.0 22.8 34.2





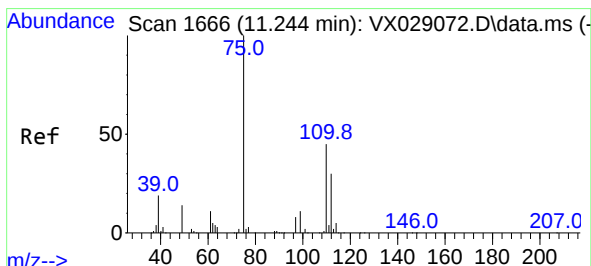
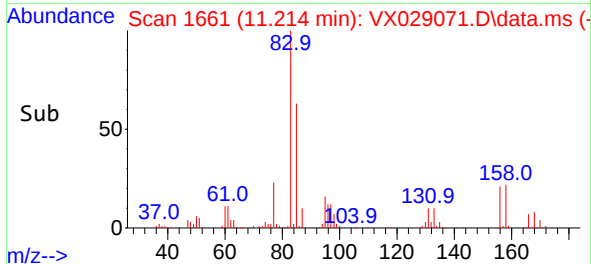
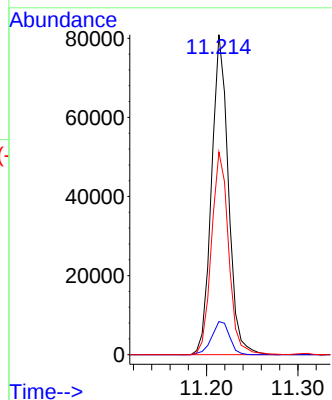
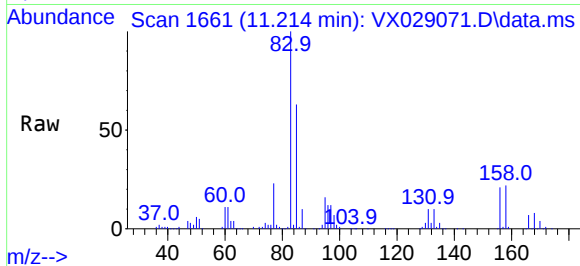
#75
1,1,2,2-Tetrachloroethane
Concen: 17.882 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 10294
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 64.7 32.6 97.7

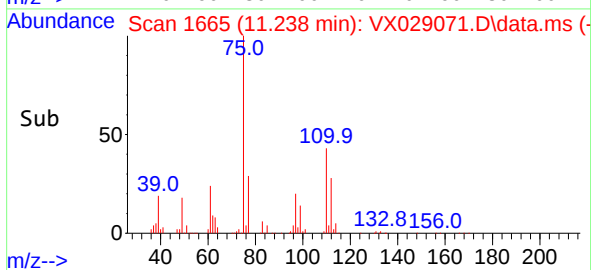
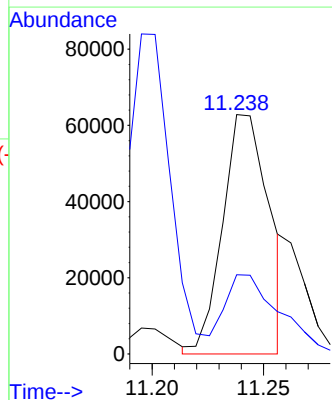
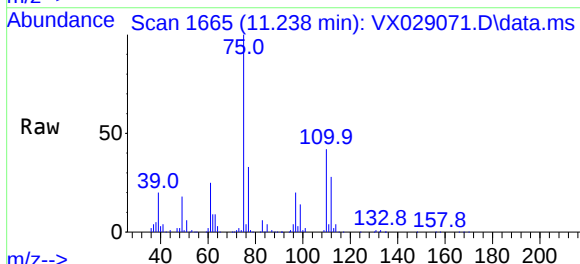
Manual Integrations
APPROVED

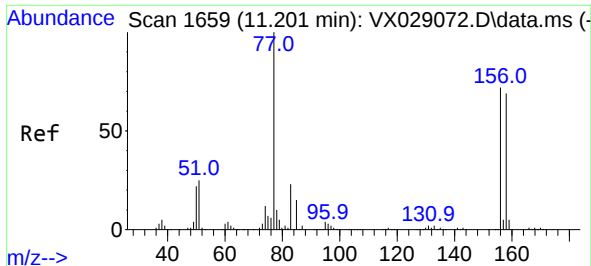
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#76
1,2,3-Trichloropropane
Concen: 17.720 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 75 Resp: 91260
Ion Ratio Lower Upper
75 100
77 39.1 19.4 58.2





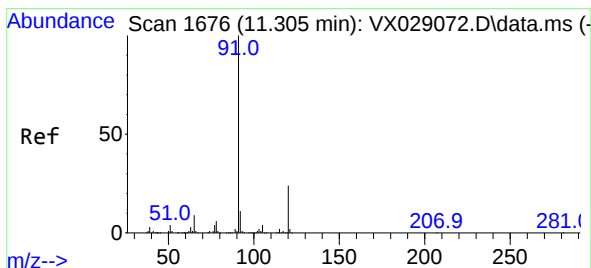
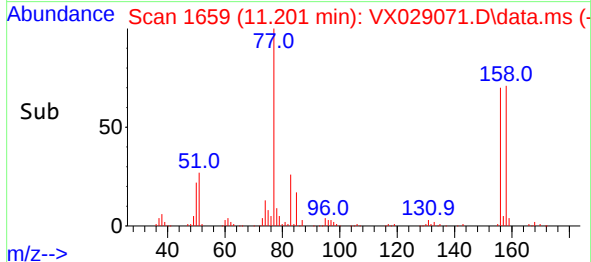
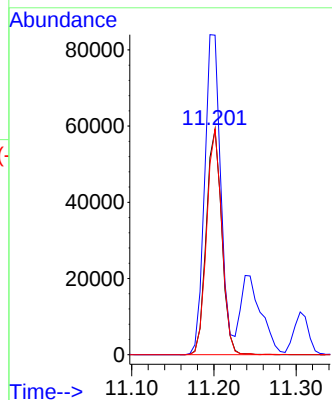
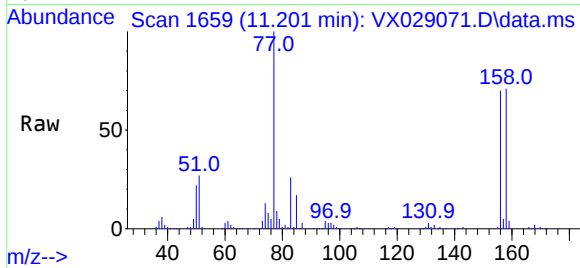
#77
Bromobenzene
Concen: 19.253 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 77270
Ion Ratio Lower Upper
156 100
77 148.8 78.5 235.3
158 98.6 50.2 150.7

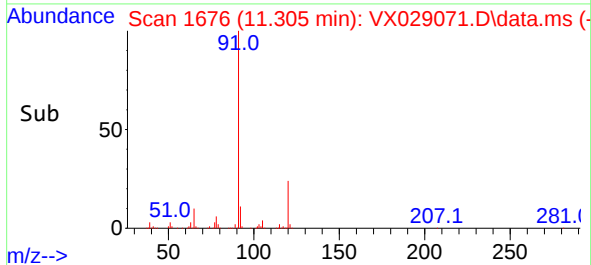
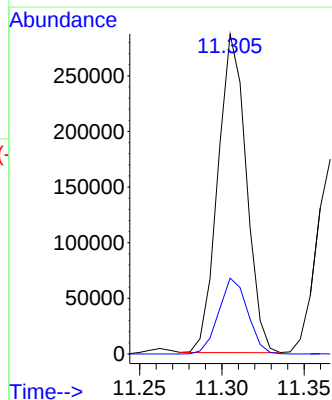
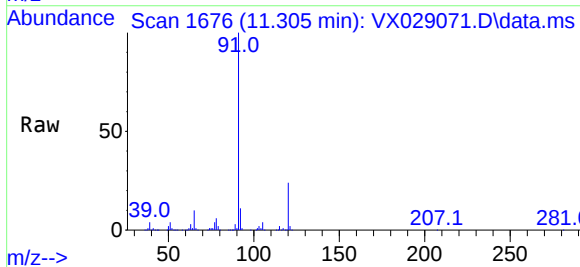
Manual Integrations
APPROVED

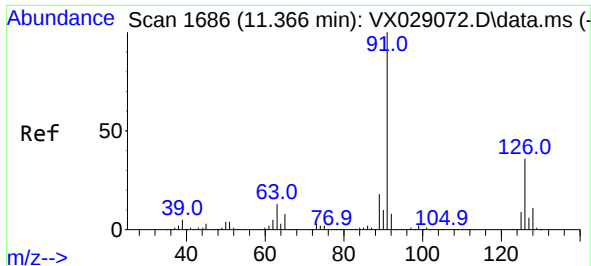
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#78
n-propylbenzene
Concen: 17.907 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Tgt Ion: 91 Resp: 344514
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.8





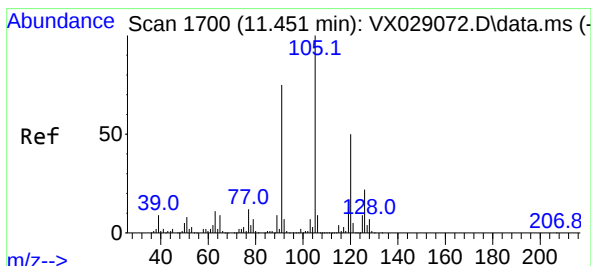
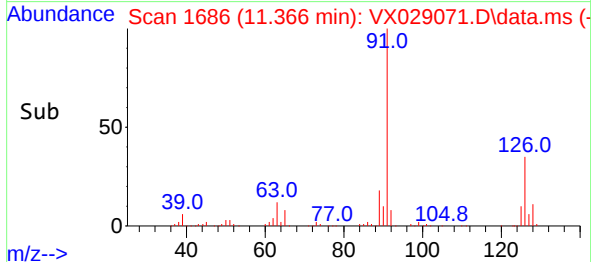
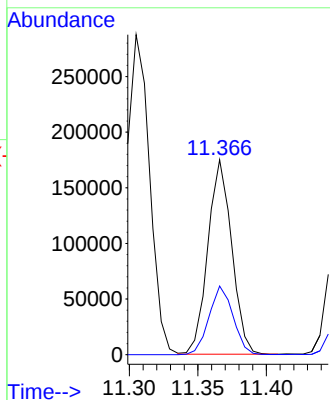
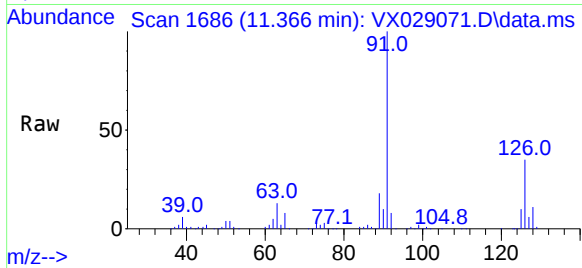
#79
2-Chlorotoluene
Concen: 17.833 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 21128
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.9

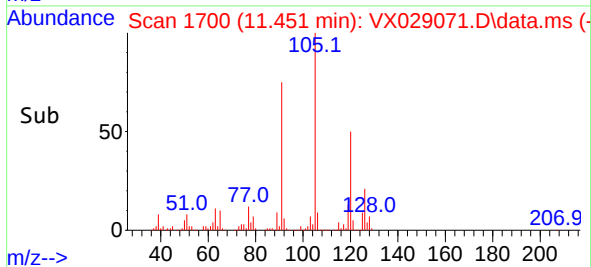
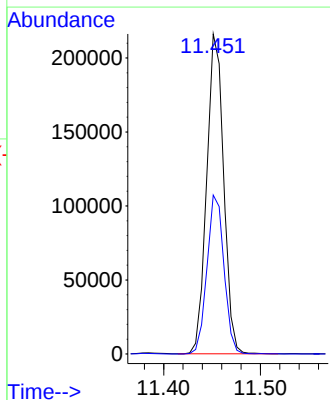
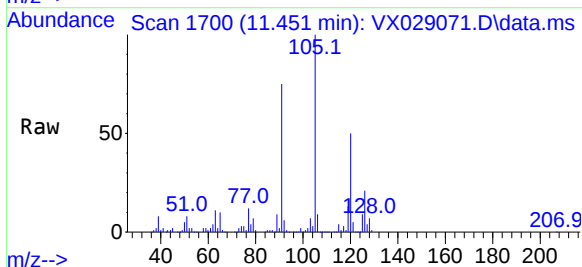
Manual Integrations
APPROVED

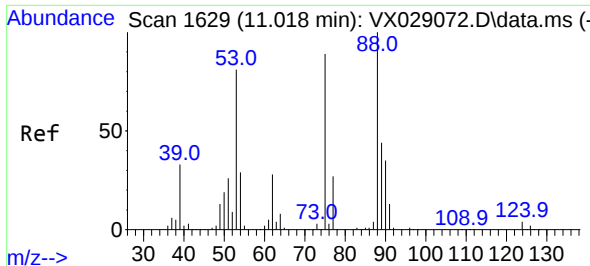
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.862 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

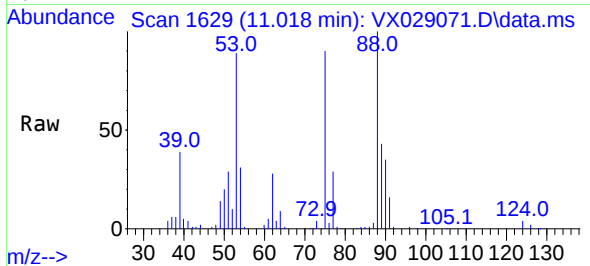
Tgt Ion:105 Resp: 263505
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.654 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

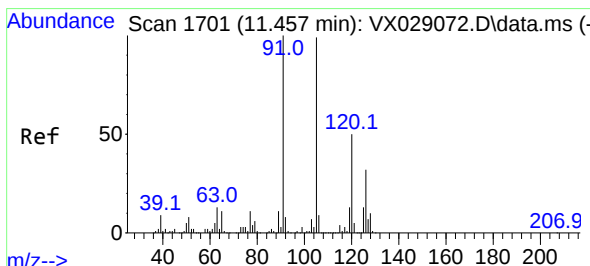
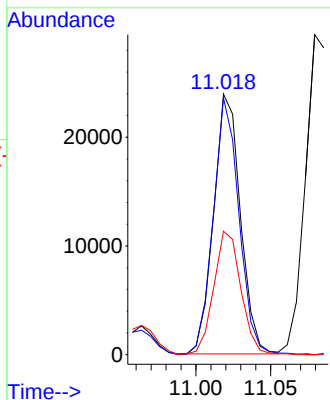
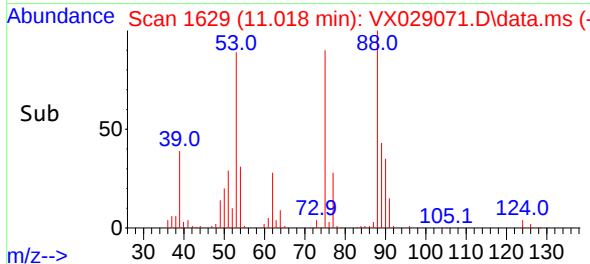
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



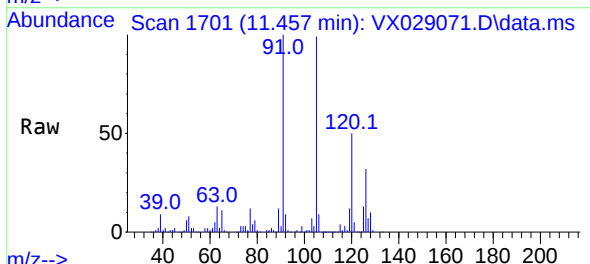
Tgt Ion: 75 Resp: 2974
Ion Ratio Lower Upper
75 100
53 95.4 69.0 103.4
89 48.3 37.0 55.6

Manual Integrations
APPROVED

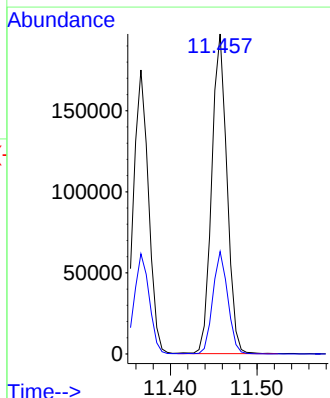
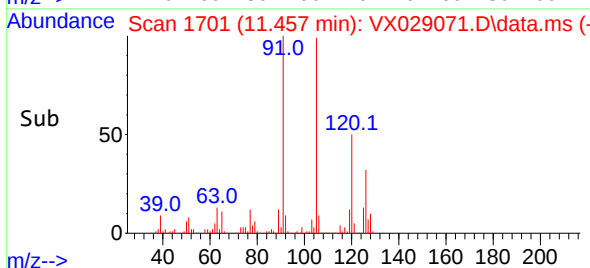
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

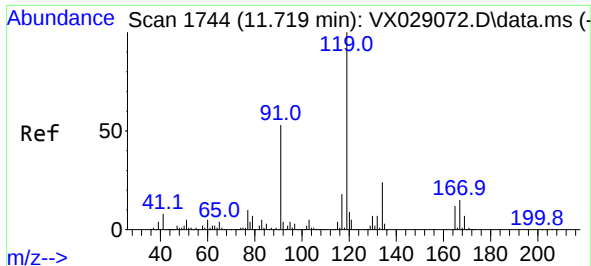


#82
4-Chlorotoluene
Concen: 17.678 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion: 91 Resp: 241489
Ion Ratio Lower Upper
91 100
126 31.6 14.9 44.5





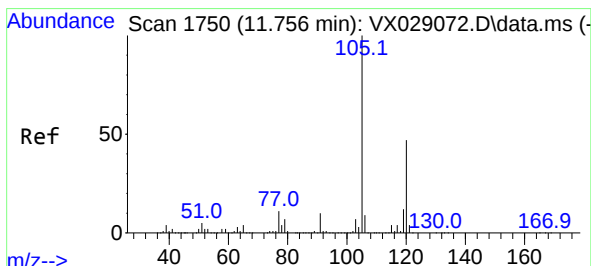
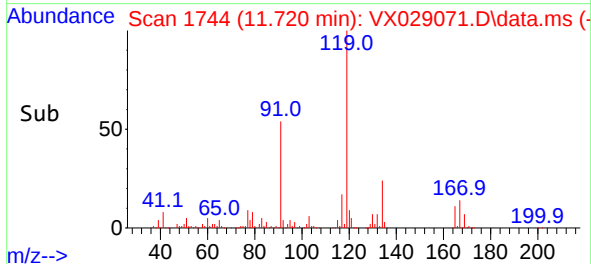
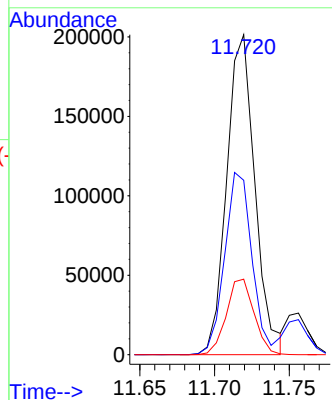
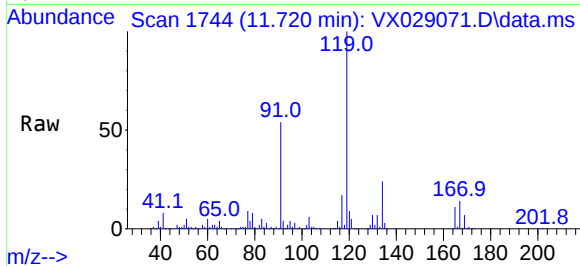
#83
tert-Butylbenzene
Concen: 19.389 ug/l
RT: 11.720 min Scan# 11744
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 26462
Ion Ratio Lower Upper
119 100
91 54.9 26.9 80.6
134 23.2 11.4 34.2

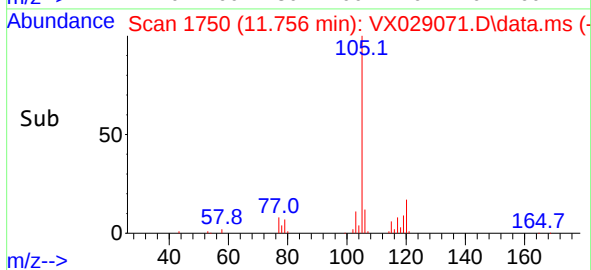
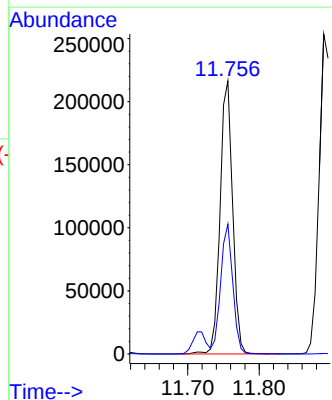
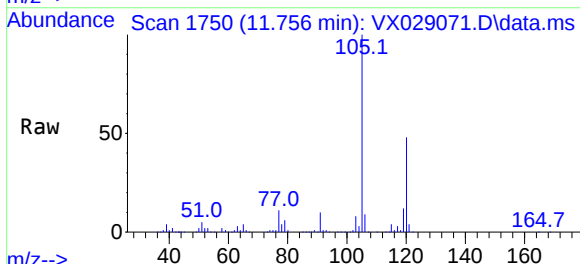
Manual Integrations
APPROVED

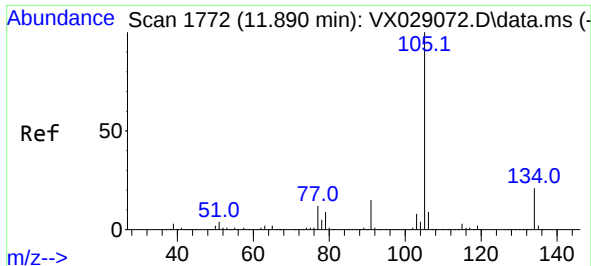
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 18.822 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

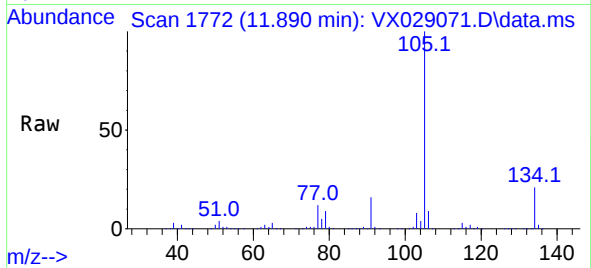
Tgt Ion:105 Resp: 263637
Ion Ratio Lower Upper
105 100
120 46.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 18.785 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54

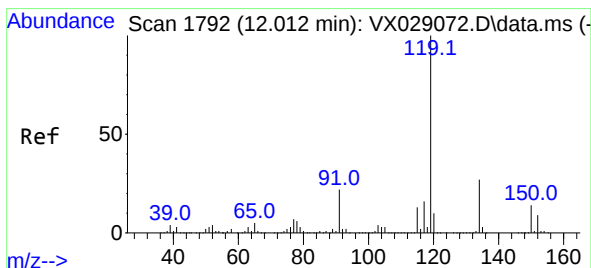
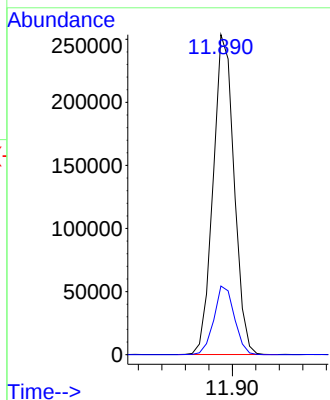
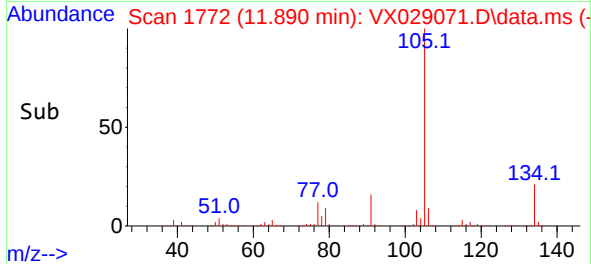
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



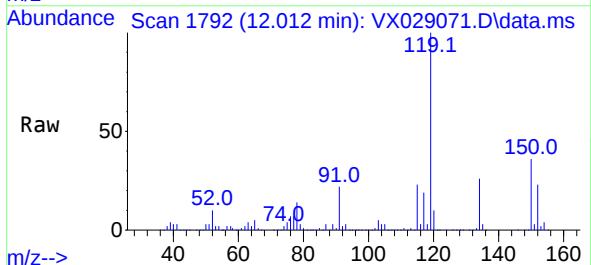
Tgt Ion:105 Resp: 314110
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

Manual Integrations
 APPROVED

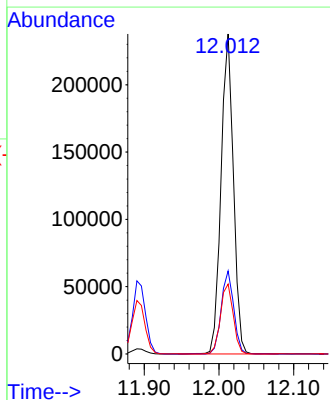
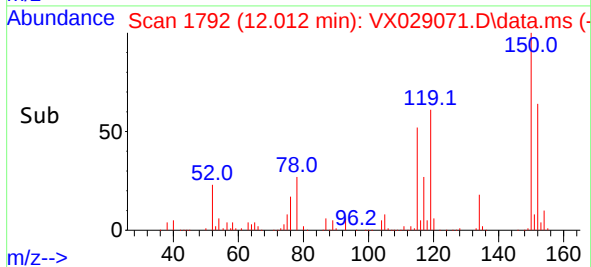
Reviewed By :John Carlone 06/01/2022
 Supervised By :Mahesh Dadoda 06/01/2022

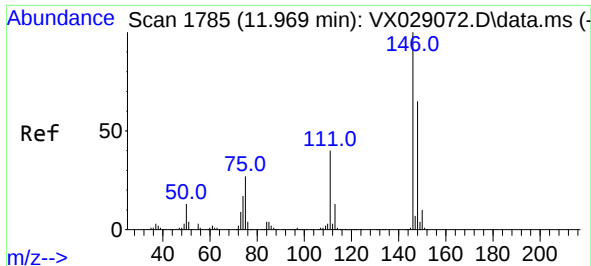


#86
 p-Isopropyltoluene
 Concen: 19.483 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029071.D
 Acq: 31 May 2022 12:54



Tgt Ion:119 Resp: 274162
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.859 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 14800

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

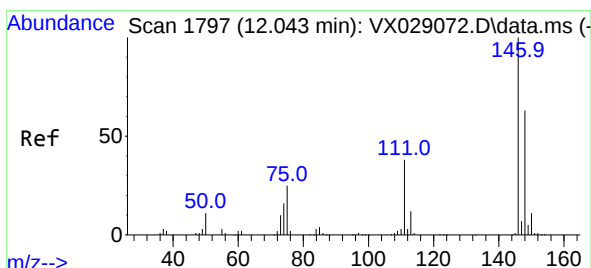
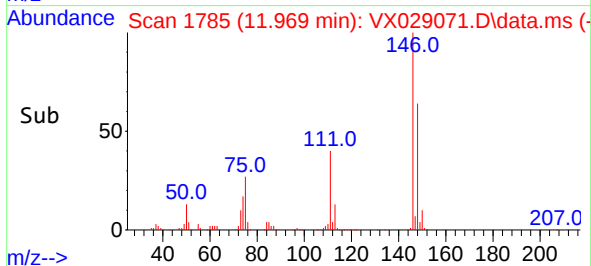
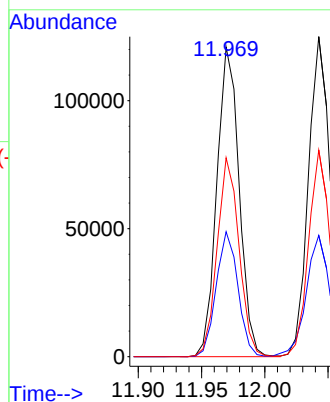
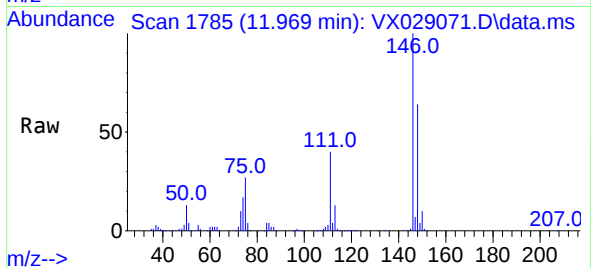
148 63.0 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2022

Supervised By :Mahesh Dadoda 06/01/2022



#88

1,4-Dichlorobenzene

Concen: 18.289 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX029071.D

Acq: 31 May 2022 12:54

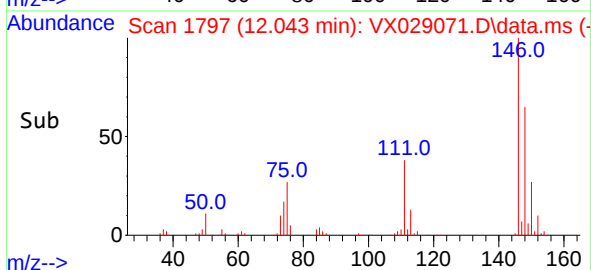
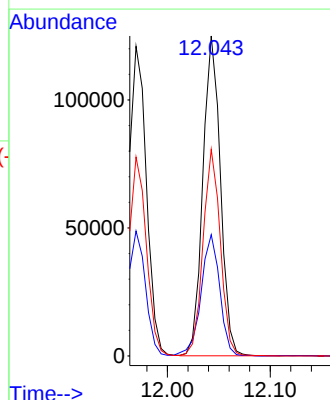
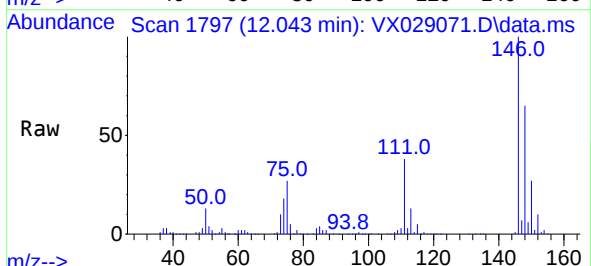
Tgt Ion:146 Resp: 148678

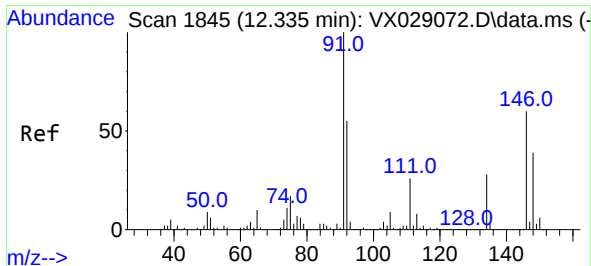
Ion Ratio Lower Upper

146 100

111 40.3 19.2 57.6

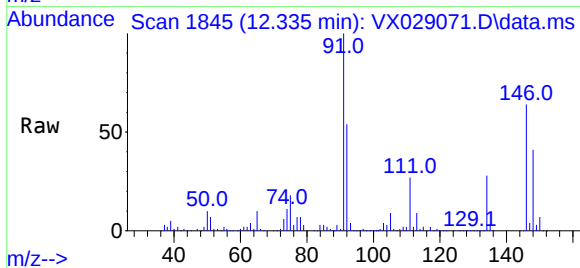
148 63.8 32.3 96.9





#89
n-Butylbenzene
Concen: 17.875 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

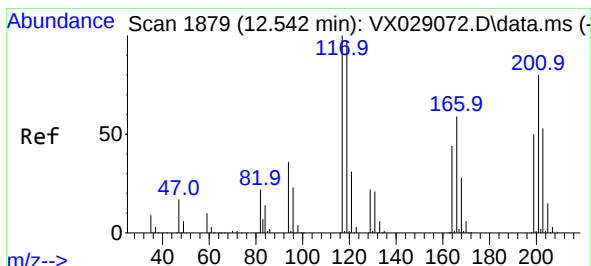
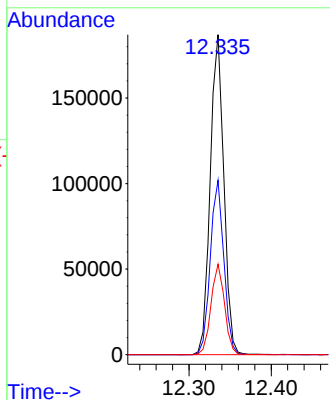
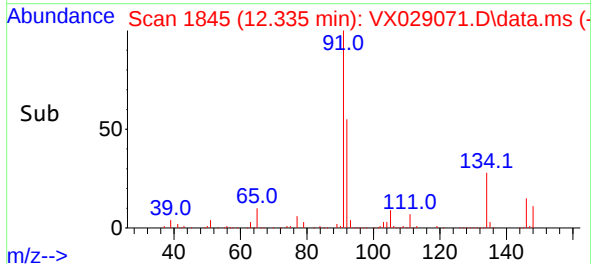
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



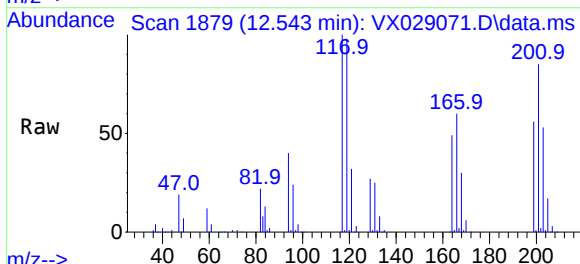
Tgt Ion: 91 Resp: 21514
Ion Ratio Lower Upper
91 100
92 54.5 27.8 83.3
134 28.1 13.3 39.8

Manual Integrations
APPROVED

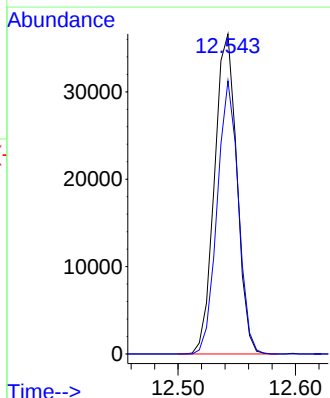
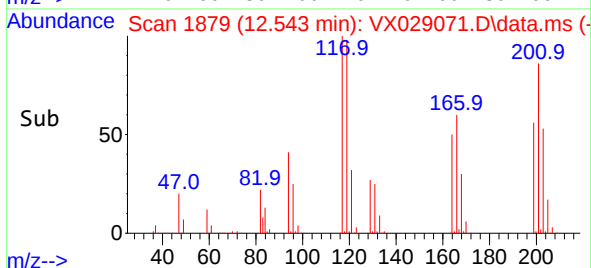
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

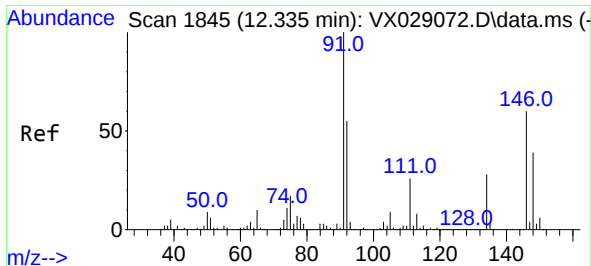


#90
Hexachloroethane
Concen: 20.942 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



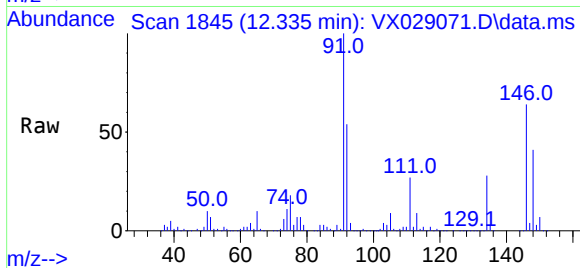
Tgt Ion:117 Resp: 48469
Ion Ratio Lower Upper
117 100
201 80.8 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 19.094 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

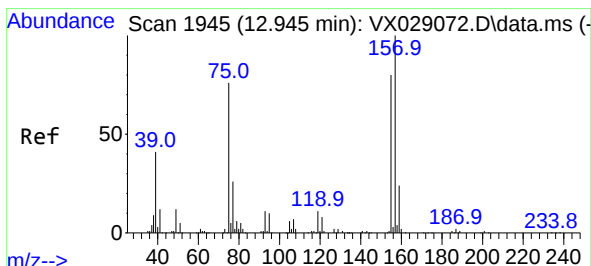
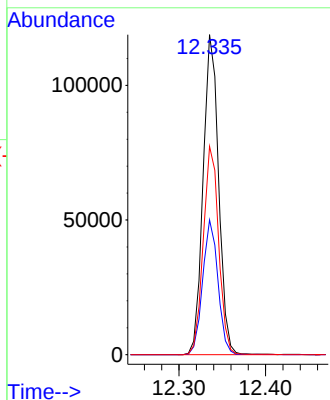
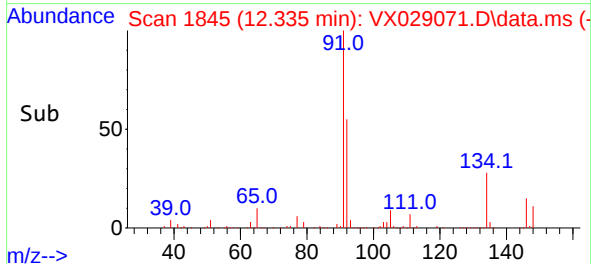
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



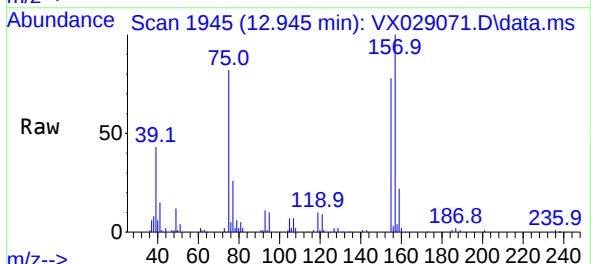
Tgt Ion:146 Resp: 14749
Ion Ratio Lower Upper
146 100
111 41.6 21.0 63.0
148 64.7 32.6 97.7

Manual Integrations
APPROVED

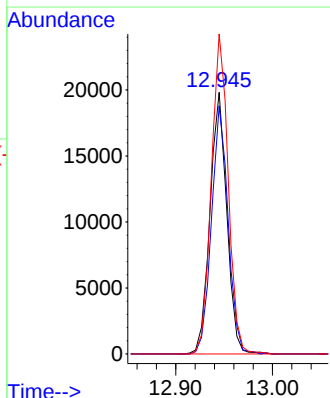
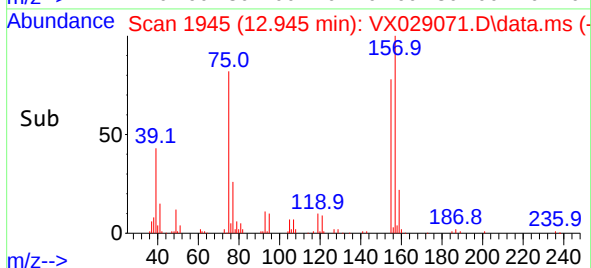
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

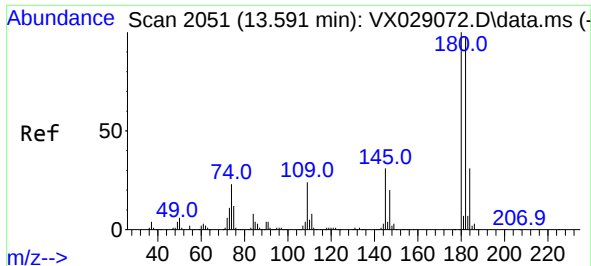


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.382 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion: 75 Resp: 23918
Ion Ratio Lower Upper
75 100
155 94.1 47.0 141.2
157 123.0 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 20.161 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

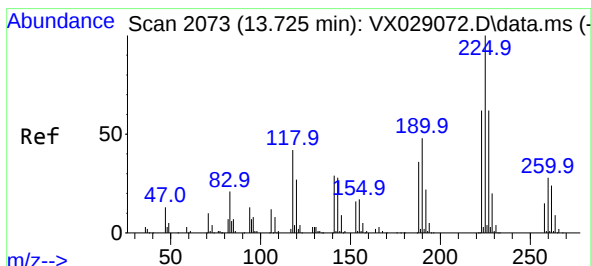
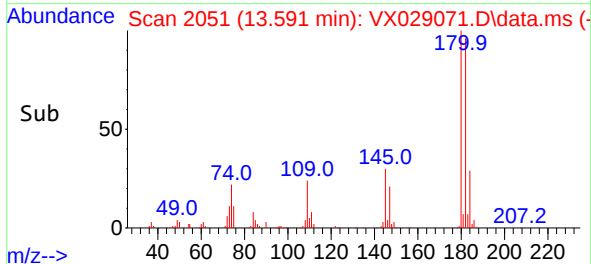
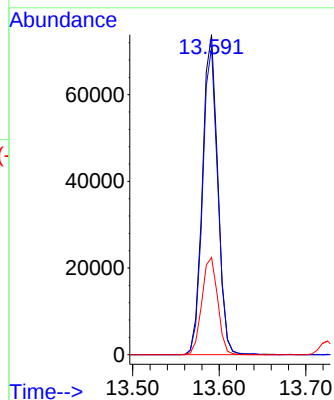
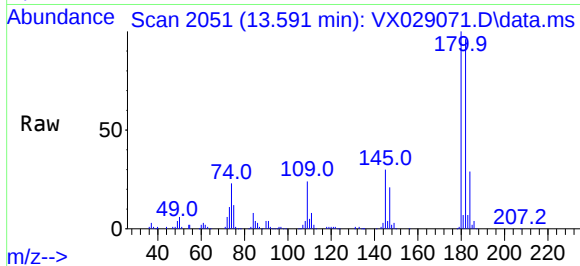
VSTDICC020

Tgt Ion:180 Resp: 9056
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 31.4 15.2 45.5

Manual Integrations

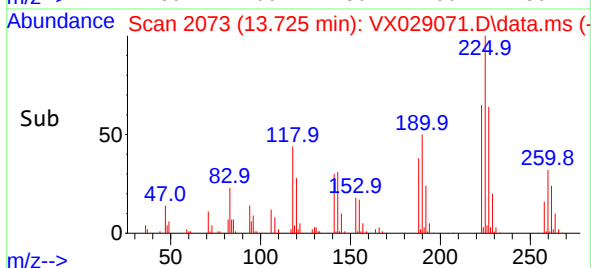
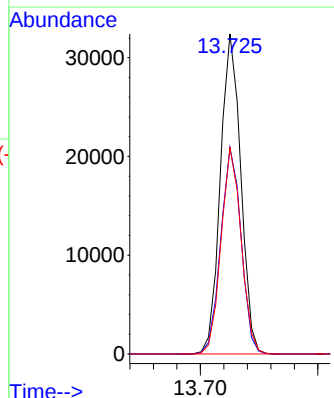
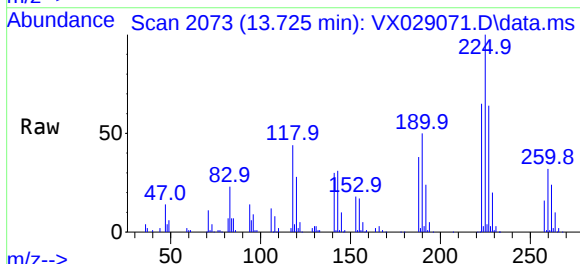
APPROVED

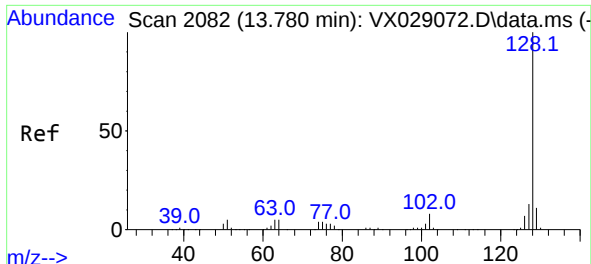
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#94
Hexachlorobutadiene
Concen: 21.150 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

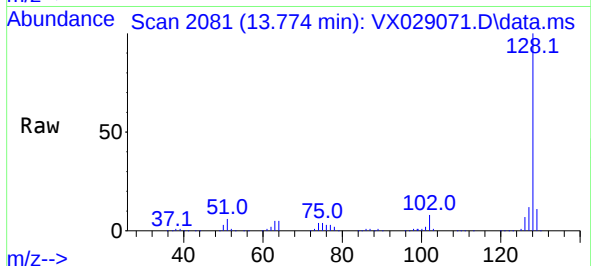
Tgt Ion:225 Resp: 39059
Ion Ratio Lower Upper
225 100
223 64.5 34.2 102.5
227 63.4 33.9 101.7





#95
Naphthalene
Concen: 19.387 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54

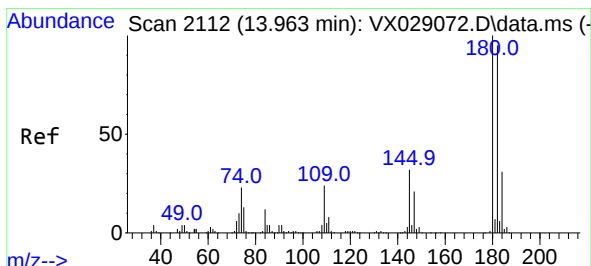
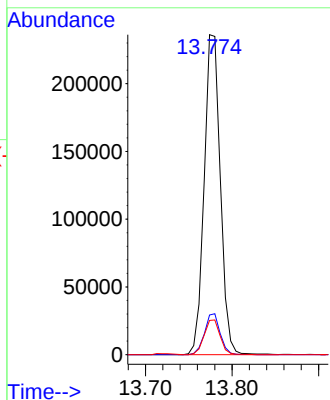
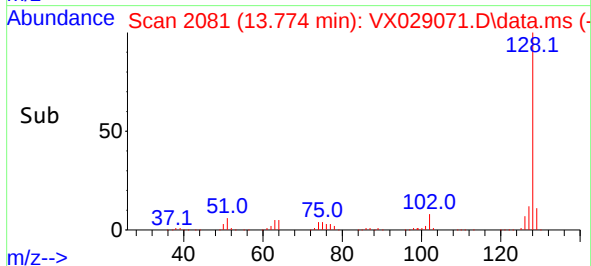
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



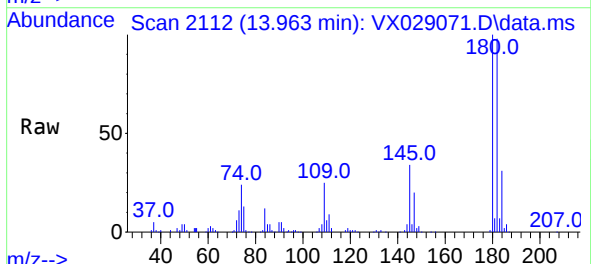
Tgt Ion:128 Resp: 306425
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.684 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029071.D
Acq: 31 May 2022 12:54



Tgt Ion:180 Resp: 89119
Ion Ratio Lower Upper
180 100
182 96.9 50.0 149.8
145 33.9 16.2 48.5

