

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX028002.D
 Acq On : 06 Apr 2022 17:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 08:07:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54730	48.981	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.960%		
35) Dibromofluoromethane	5.391	113	45254	47.761	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.520%		
50) Toluene-d8	8.653	98	168432	48.654	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	67748	49.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45401	45.493	ug/l	98
3) Chloromethane	1.288	50	38761	45.175	ug/l	97
4) Vinyl Chloride	1.374	62	41939	45.630	ug/l	100
5) Bromomethane	1.599	94	19161	52.581	ug/l	98
6) Chloroethane	1.678	64	23896	46.694	ug/l	92
7) Trichlorofluoromethane	1.886	101	67389	46.201	ug/l	96
8) Diethyl Ether	2.130	74	22914	46.603	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	41598	46.952	ug/l	96
10) Methyl Iodide	2.447	142	52608	45.026	ug/l	93
11) Tert butyl alcohol	2.965	59	46086	225.451	ug/l	100
12) 1,1-Dichloroethene	2.319	96	39135	46.347	ug/l	93
13) Acrolein	2.233	56	45795	247.404	ug/l	96
14) Allyl chloride	2.660	41	63295	49.424	ug/l	95
15) Acrylonitrile	3.062	53	118856	243.192	ug/l	99
16) Acetone	2.380	43	98280	235.077	ug/l	94
17) Carbon Disulfide	2.508	76	93892	41.467	ug/l	100
18) Methyl Acetate	2.703	43	52797	48.811	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	133636	48.284	ug/l	100
20) Methylene Chloride	2.788	84	43966	46.910	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	42287	45.354	ug/l	95
22) Diisopropyl ether	3.757	45	125838	49.244	ug/l #	84
23) Vinyl Acetate	3.721	43	560428	252.534	ug/l	95
24) 1,1-Dichloroethane	3.611	63	74474	47.963	ug/l	99
25) 2-Butanone	4.556	43	163900	239.988	ug/l	95
26) 2,2-Dichloropropane	4.477	77	58367	48.404	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49492	45.907	ug/l	98
28) Bromochloromethane	4.897	49	31287	50.773	ug/l	99
29) Tetrahydrofuran	5.001	42	109322	248.064	ug/l	90
30) Chloroform	5.092	83	81797	47.745	ug/l	98
31) Cyclohexane	5.470	56	67862	46.905	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	72895	47.336	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59957	48.129	ug/l	99
37) Ethyl Acetate	4.714	43	62892	49.487	ug/l	98
38) Carbon Tetrachloride	5.678	117	65153	47.060	ug/l	97
39) Methylcyclohexane	7.379	83	71678	45.973	ug/l	96
40) Benzene	6.037	78	171632	47.913	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35201	52.432	ug/l	92
42) 1,2-Dichloroethane	6.086	62	63052	48.453	ug/l	98
43) Isopropyl Acetate	6.342	43	100870	51.105	ug/l	95
44) Trichloroethene	7.129	130	50940	47.652	ug/l	97
45) 1,2-Dichloropropane	7.433	63	42232	48.946	ug/l	98
46) Dibromomethane	7.586	93	32639	46.365	ug/l	98
47) Bromodichloromethane	7.824	83	61140	47.159	ug/l	99
48) Methyl methacrylate	7.696	41	50906	53.762	ug/l	86
49) 1,4-Dioxane	7.659	88	21865	861.027	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	331250	256.165	ug/l	93
52) Toluene	8.720	92	113893	47.793	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64230	49.014	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69746	48.576	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	45978	47.015	ug/l	98
56) Ethyl methacrylate	9.116	69	72624	50.790	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	74346	47.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	172072	246.481	ug/l	98
59) 2-Hexanone	9.433	43	257869	257.958	ug/l	89
60) Dibromochloromethane	9.525	129	48806	46.203	ug/l	95
61) 1,2-Dibromoethane	9.610	107	49908	48.262	ug/l	99
64) Tetrachloroethene	9.275	164	47402	46.413	ug/l	95
65) Chlorobenzene	10.079	112	124849	45.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45346	45.423	ug/l	98
67) Ethyl Benzene	10.195	91	226760	48.346	ug/l	100
68) m/p-Xylenes	10.305	106	173591	94.172	ug/l	94
69) o-Xylene	10.646	106	85434	47.895	ug/l	96
70) Styrene	10.659	104	143770	48.295	ug/l	96
71) Bromoform	10.799	173	35406	43.610	ug/l #	100
73) Isopropylbenzene	10.963	105	225416	49.317	ug/l	100
74) N-amyl acetate	10.841	43	87046	54.636	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	70182	46.659	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	66604m	49.546	ug/l	
77) Bromobenzene	11.201	156	55732	46.529	ug/l	97
78) n-propylbenzene	11.305	91	260037	49.880	ug/l	98
79) 2-Chlorotoluene	11.366	91	159679	48.728	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	196235	49.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18997	44.551	ug/l #	81
82) 4-Chlorotoluene	11.457	91	184749	49.354	ug/l	99
83) tert-Butylbenzene	11.719	119	187057	47.314	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	198073	49.795	ug/l	98
85) sec-Butylbenzene	11.890	105	232487	48.088	ug/l	99
86) p-Isopropyltoluene	12.012	119	200846	48.884	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104726	46.835	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105522	46.793	ug/l	98
89) n-Butylbenzene	12.335	91	170460	49.014	ug/l	98
90) Hexachloroethane	12.542	117	29093	44.461	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	102698	47.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16377	46.471	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	64084	45.459	ug/l	98
94) Hexachlorobutadiene	13.725	225	27950	41.485	ug/l	94
95) Naphthalene	13.780	128	221264	48.227	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63156	45.850	ug/l	95

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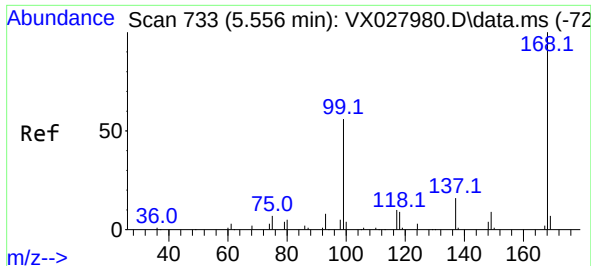
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Apr 05 15:58:31 2022
Response via : Initial Calibration

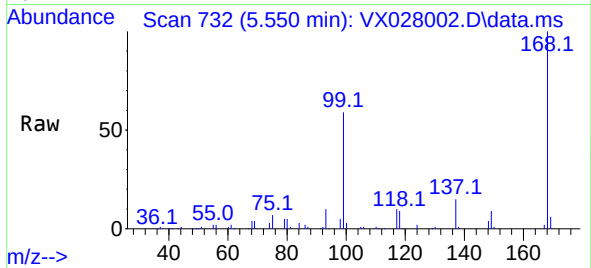
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028002.D
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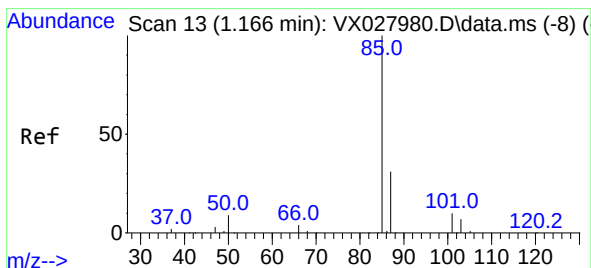
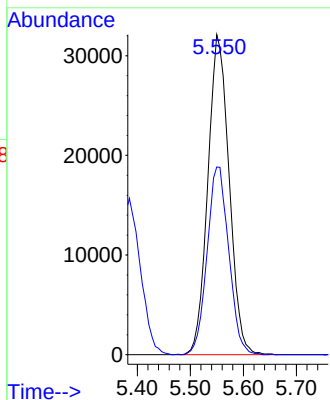
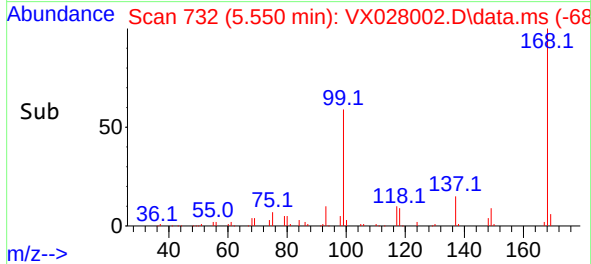
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



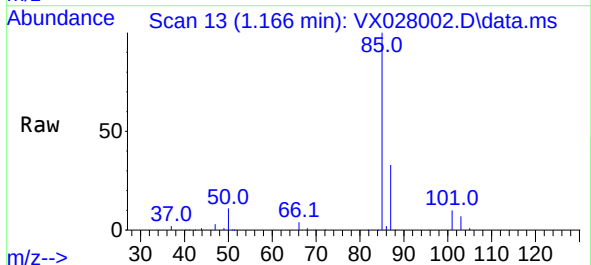
Tgt Ion:168 Resp: 89558
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5

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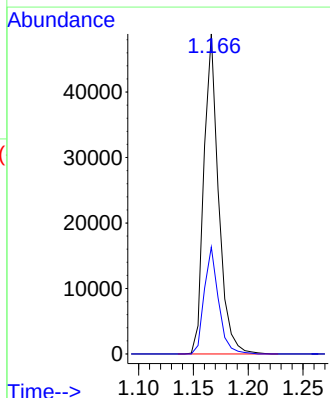
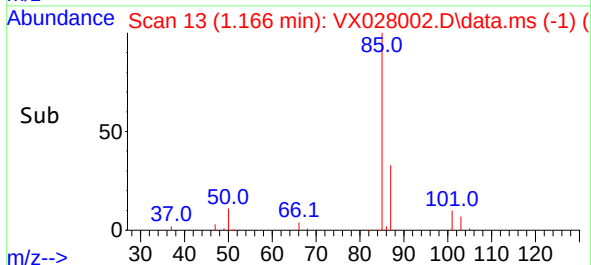
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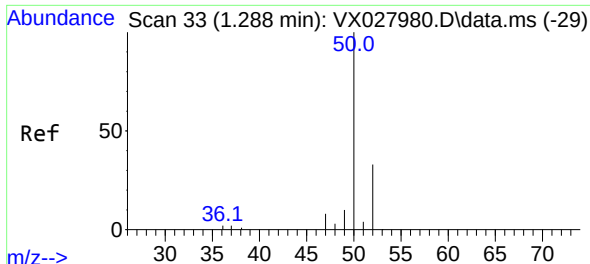


#2
Dichlorodifluoromethane
Concen: 45.493 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



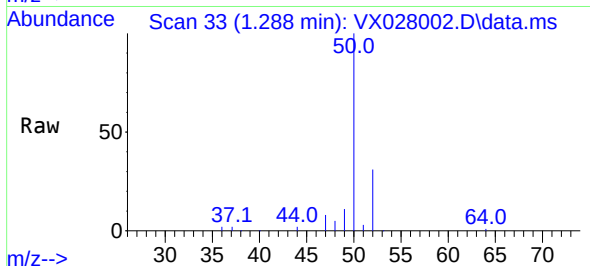
Tgt Ion: 85 Resp: 45401
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6





#3
Chloromethane
Concen: 45.175 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

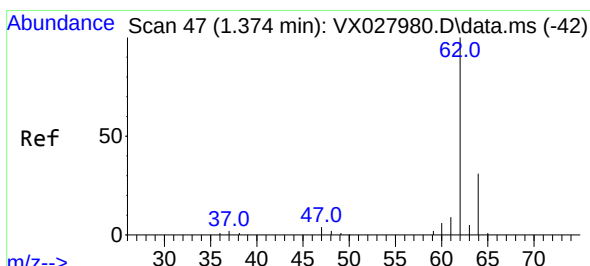
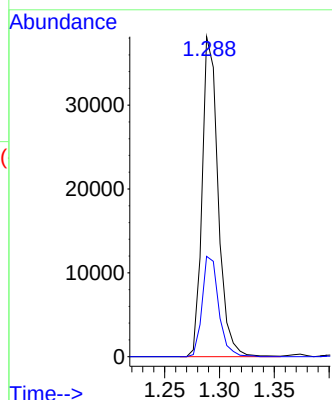
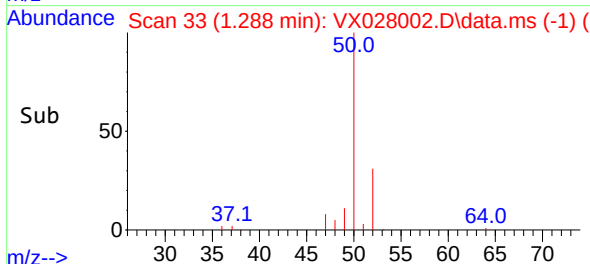
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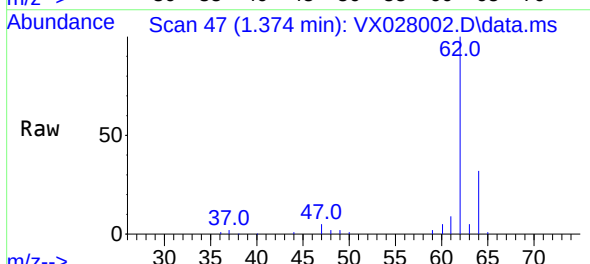
Tgt Ion: 50 Resp: 3876
Ion Ratio Lower Upper
50 100
52 31.3 26.4 39.6

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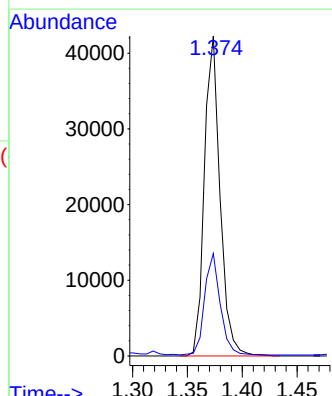
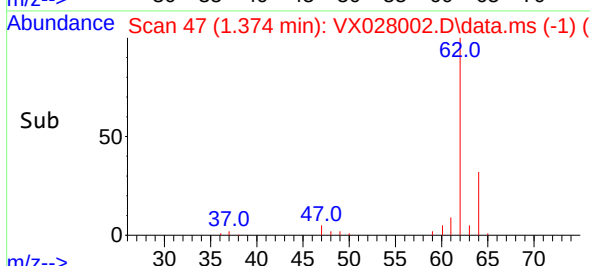
Reviewed By :John Carlone 04/07/2022
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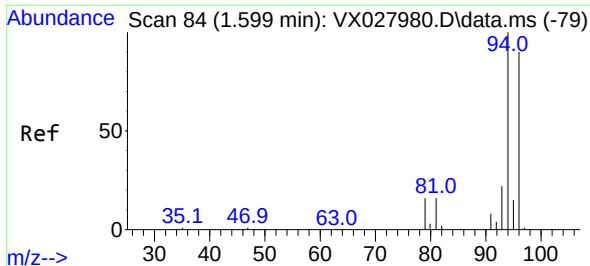


#4
Vinyl Chloride
Concen: 45.630 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



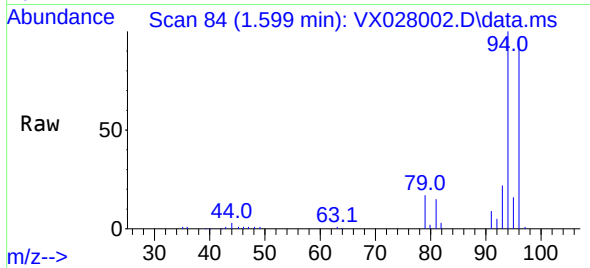
Tgt Ion: 62 Resp: 41939
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 52.581 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

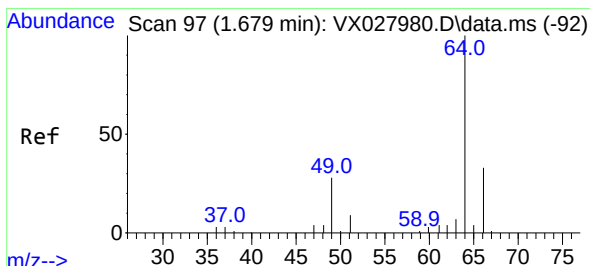
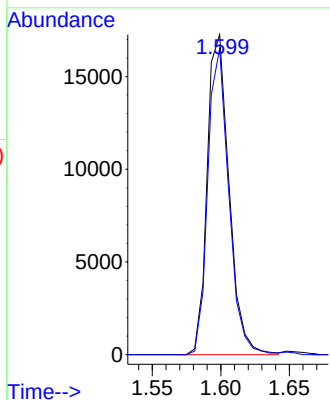
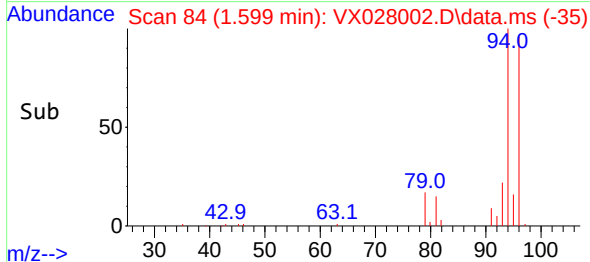
Instrument :
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Tgt Ion: 94 Resp: 1916
Ion Ratio Lower Upper
94 100
96 95.7 75.3 112.9

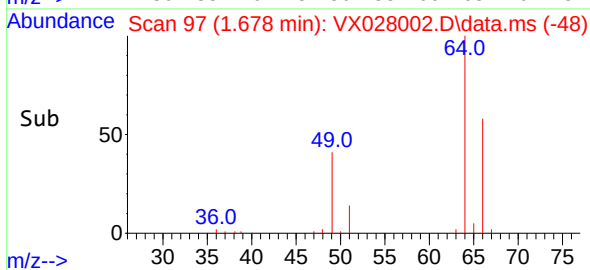
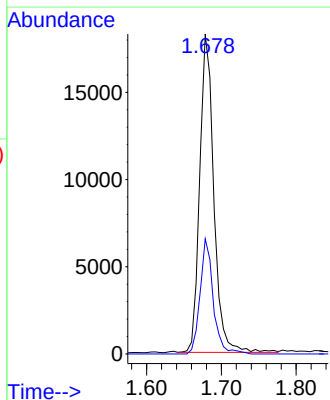
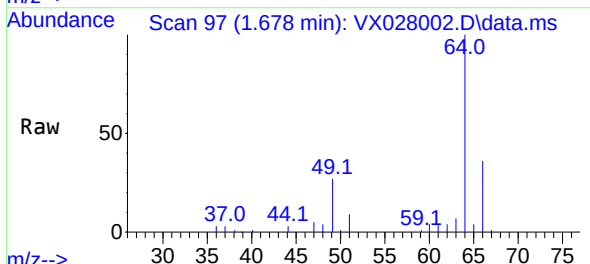
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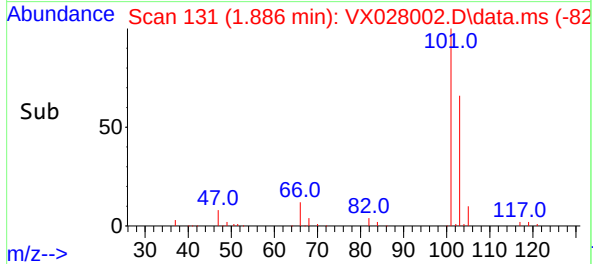
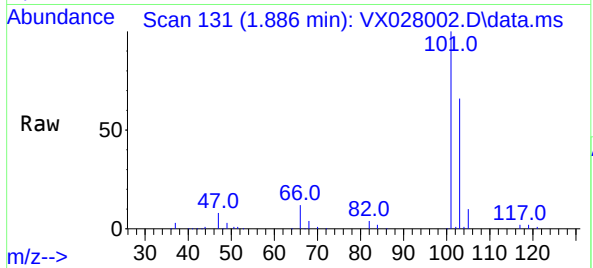
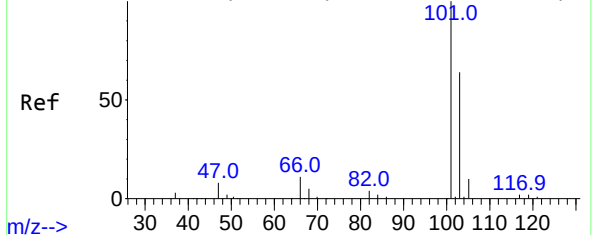


#6
Chloroethane
Concen: 46.694 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion: 64 Resp: 23896
Ion Ratio Lower Upper
64 100
66 36.2 25.3 37.9



Abundance Scan 131 (1.886 min): VX027980.D\data.ms (-12



#7
Trichlorofluoromethane
Concen: 46.201 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion: 101 Resp: 67389
Ion Ratio Lower Upper
101 100
103 66.1 50.5 75.7

Instrument :

MSVOA_X

ClientSampleId :

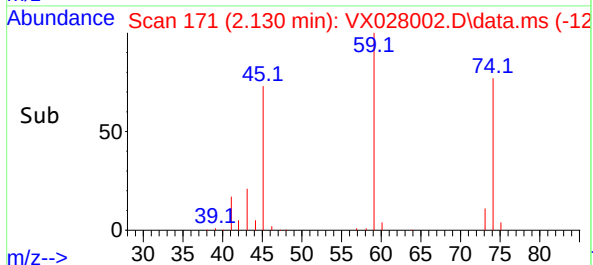
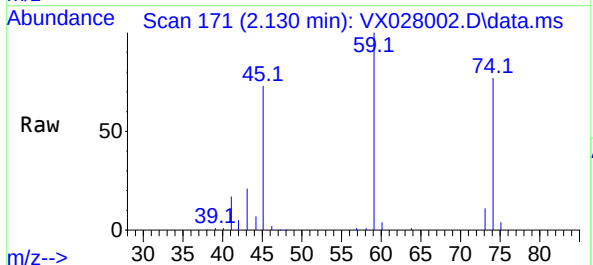
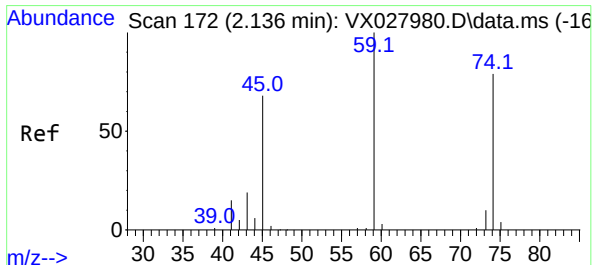
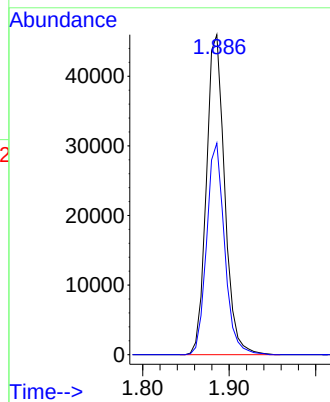
VSTDCCC050EC

Manual Integrations

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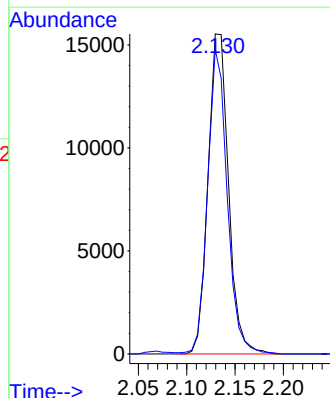
Reviewed By :John Carlone 04/07/2022

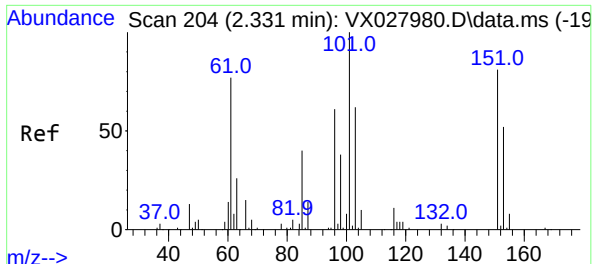
Supervised By :Mahesh Dadoda 04/07/2022



#8
Diethyl Ether
Concen: 46.603 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX028002.D
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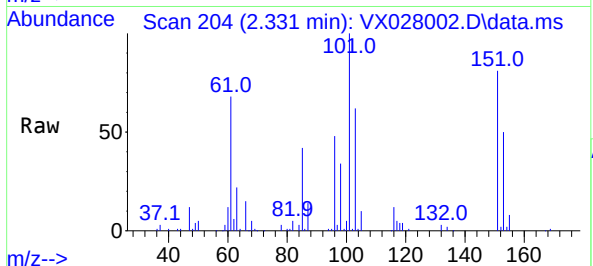
Tgt Ion: 74 Resp: 22914
Ion Ratio Lower Upper
74 100
45 91.1 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.952 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028002.D
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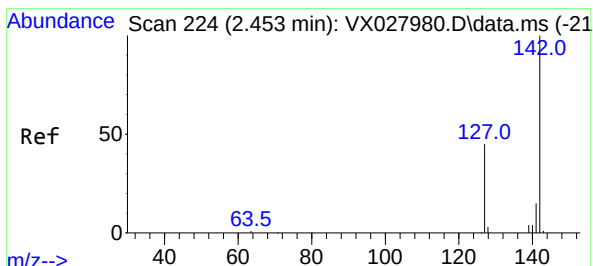
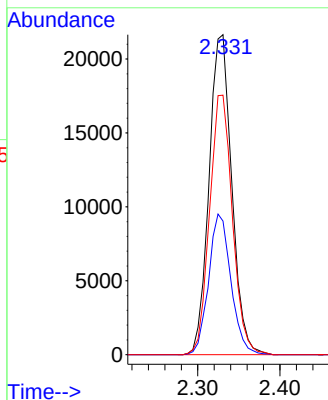
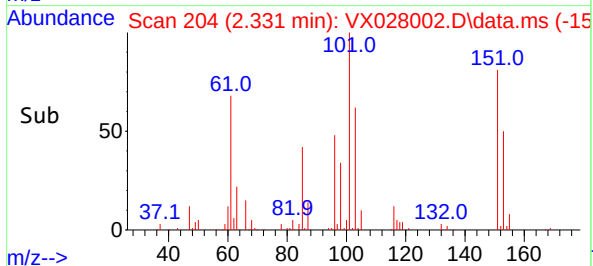
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ClientSampleId :
VSTDCCC050EC



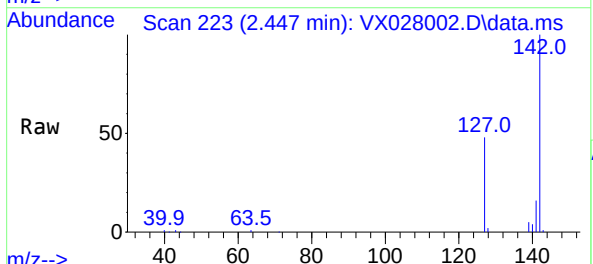
Tgt Ion:101 Resp: 41598
Ion Ratio Lower Upper
101 100
85 43.2 33.5 50.3
151 81.5 61.8 92.6

Manual Integrations
APPROVED

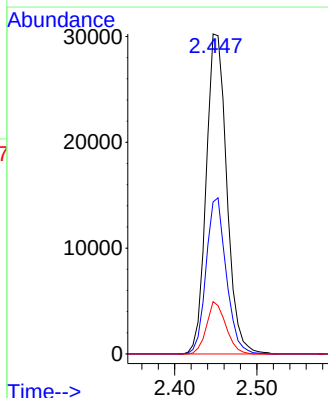
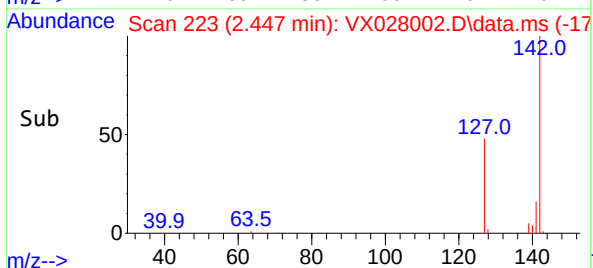
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

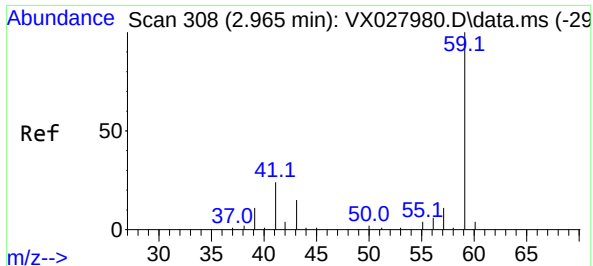


#10
Methyl Iodide
Concen: 45.026 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



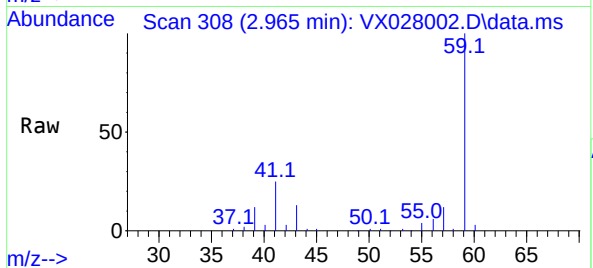
Tgt Ion:142 Resp: 52608
Ion Ratio Lower Upper
142 100
127 47.7 33.9 50.9
141 15.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 225.451 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

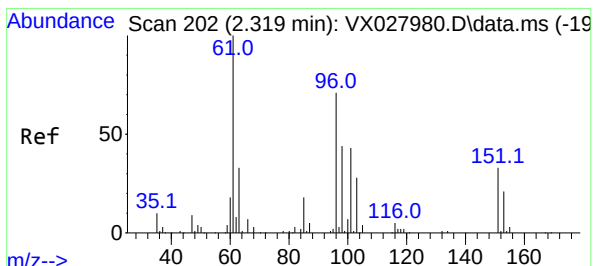
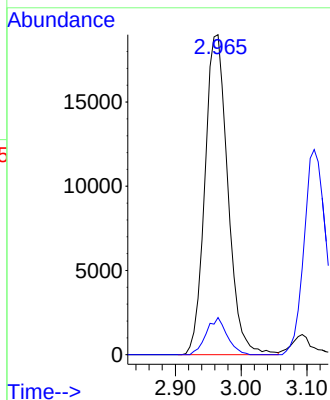
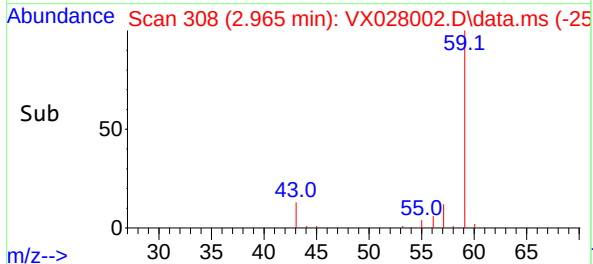
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



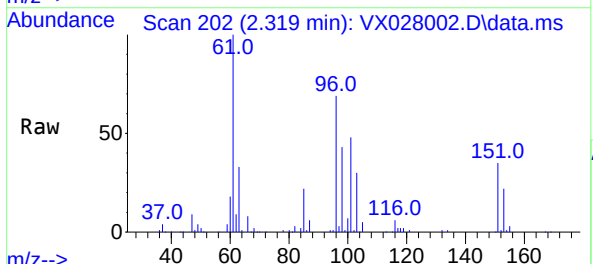
Tgt Ion: 59 Resp: 46080
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

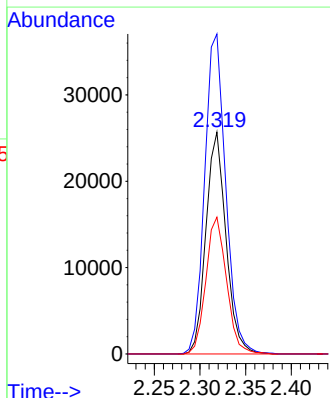
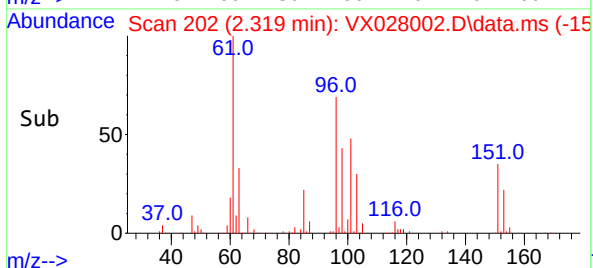
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

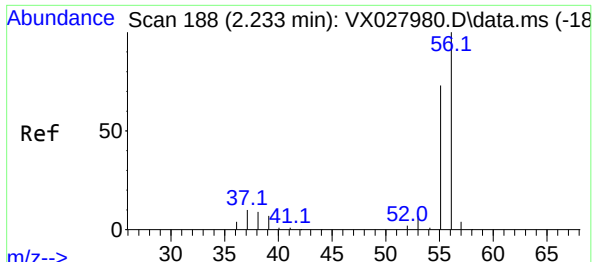


#12
1,1-Dichloroethene
Concen: 46.347 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



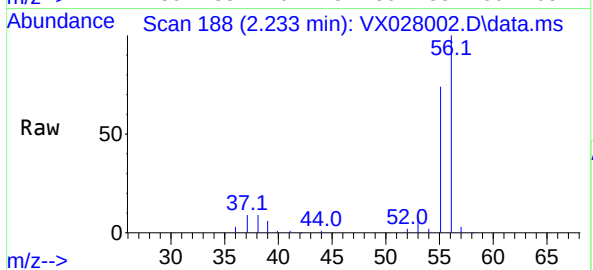
Tgt Ion: 96 Resp: 39135
Ion Ratio Lower Upper
96 100
61 144.3 124.6 187.0
98 61.6 51.0 76.4





#13
Acrolein
Concen: 247.404 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

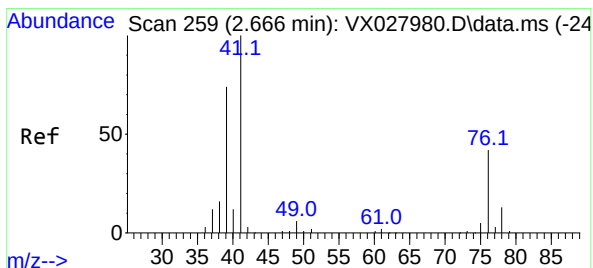
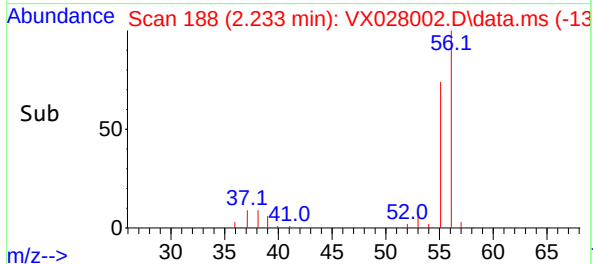
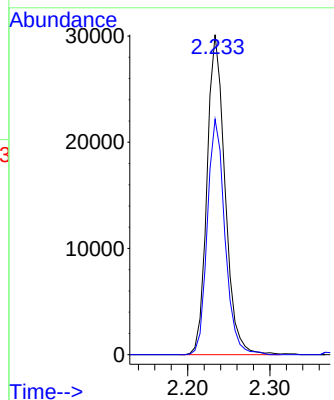
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 45795
Ion Ratio Lower Upper
56 100
55 71.9 55.0 82.6

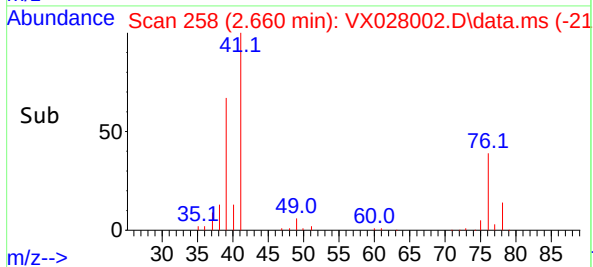
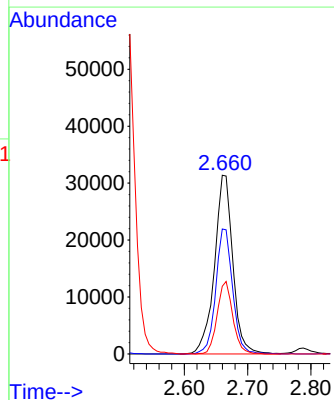
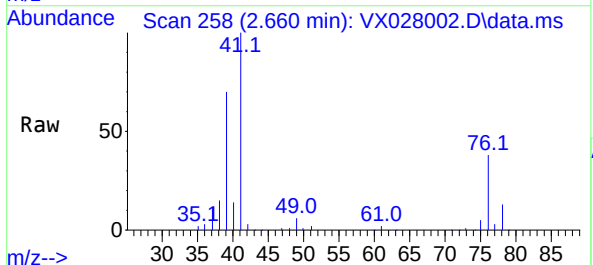
Manual Integrations
APPROVED

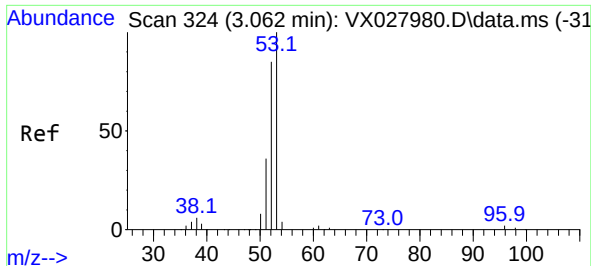
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#14
Allyl chloride
Concen: 49.424 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

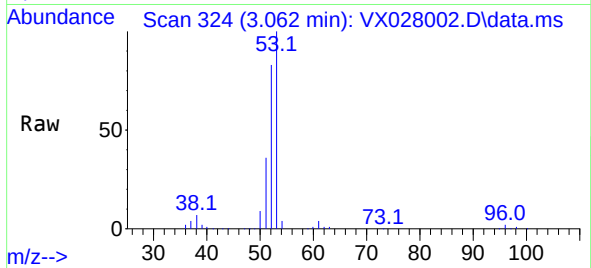
Tgt Ion: 41 Resp: 63295
Ion Ratio Lower Upper
41 100
39 64.1 50.4 75.6
76 34.4 32.7 49.1





#15
Acrylonitrile
Concen: 243.192 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

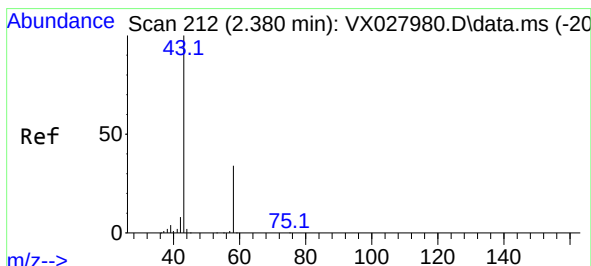
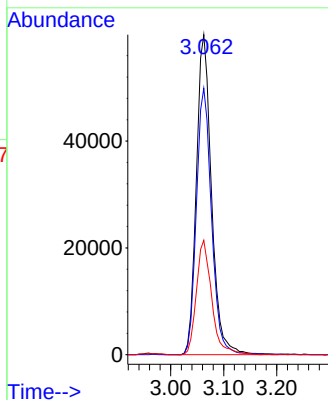
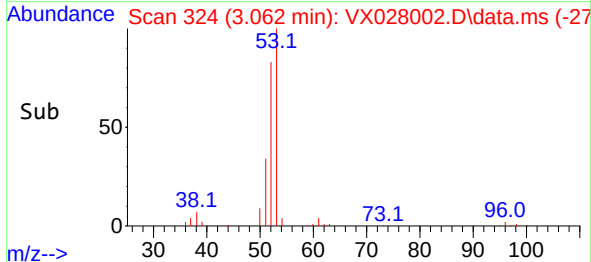
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 118850
Ion Ratio Lower Upper
53 100
52 83.3 65.7 98.5
51 36.2 28.4 42.6

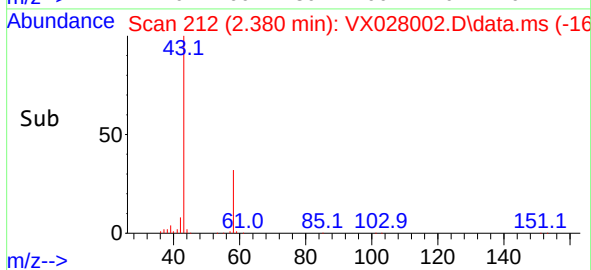
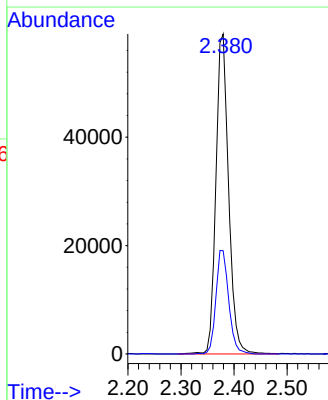
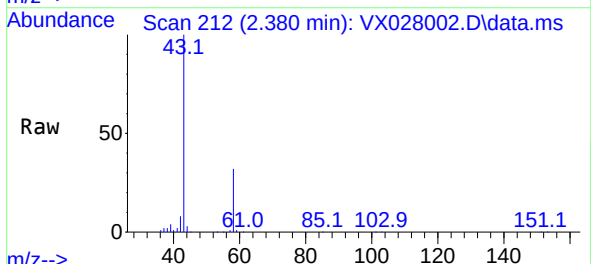
Manual Integrations
APPROVED

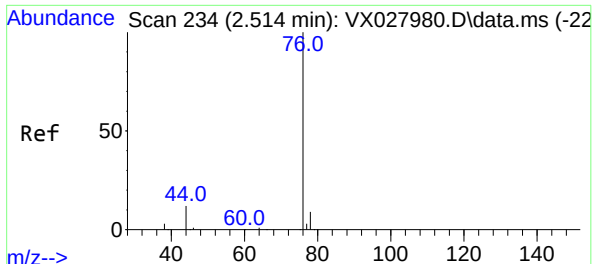
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#16
Acetone
Concen: 235.077 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

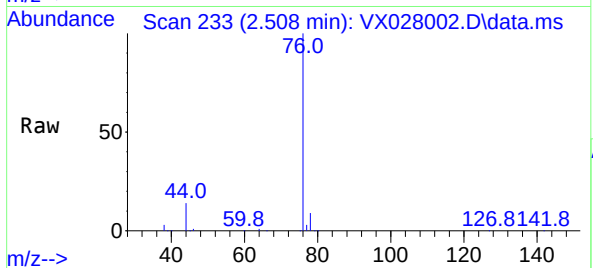
Tgt Ion: 43 Resp: 98280
Ion Ratio Lower Upper
43 100
58 32.2 28.8 43.2





#17
Carbon Disulfide
Concen: 41.467 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

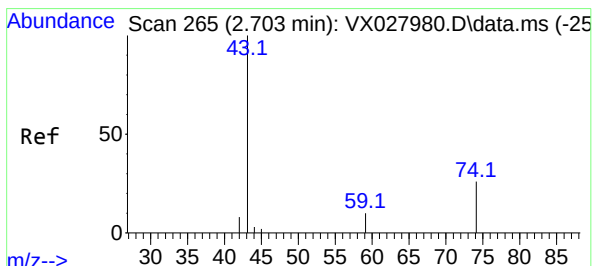
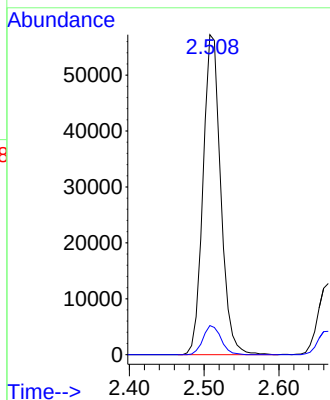
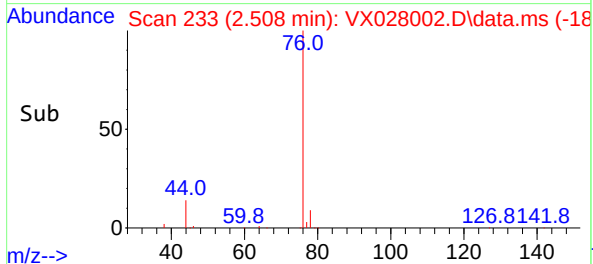
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 93892
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

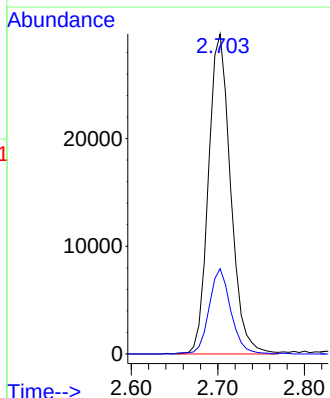
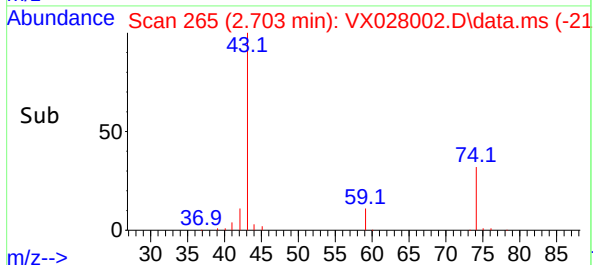
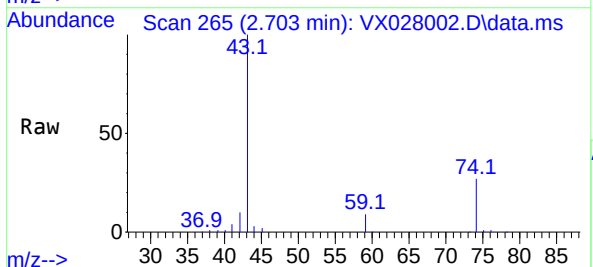
Manual Integrations
APPROVED

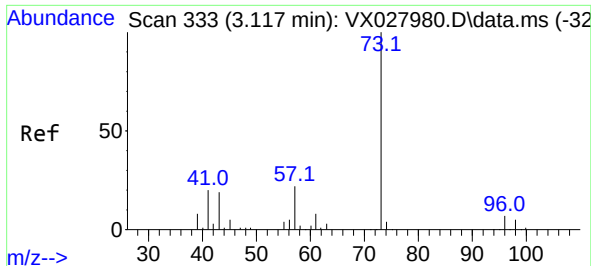
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#18
Methyl Acetate
Concen: 48.811 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion: 43 Resp: 52797
Ion Ratio Lower Upper
43 100
74 26.0 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 48.284 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

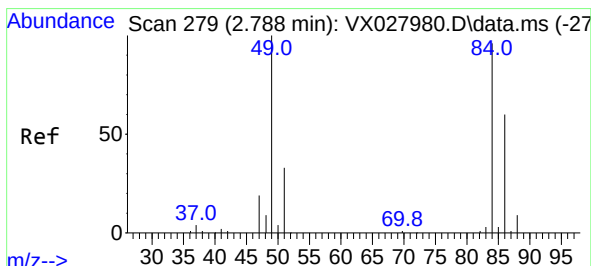
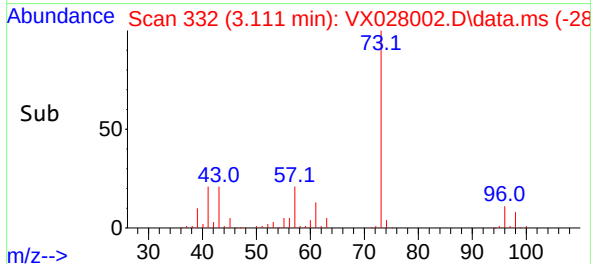
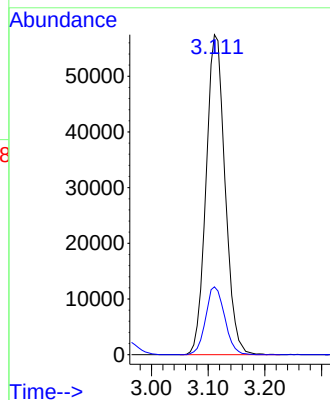
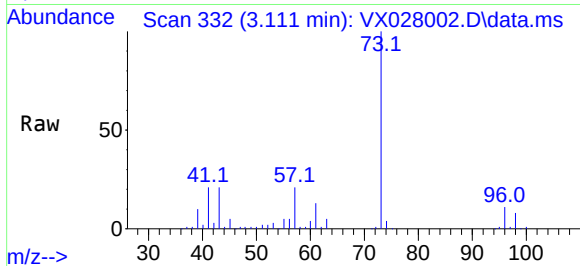
VSTDCCC050EC

Tgt Ion: 73 Resp: 133636
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2

Manual Integrations

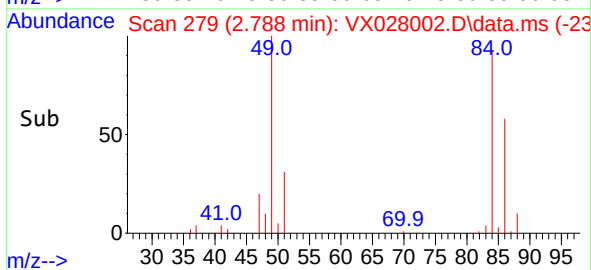
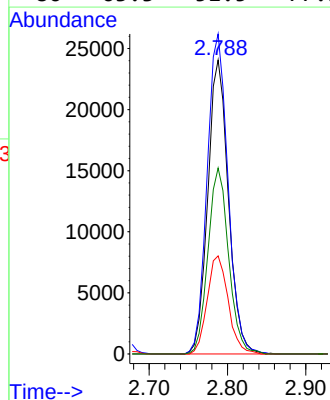
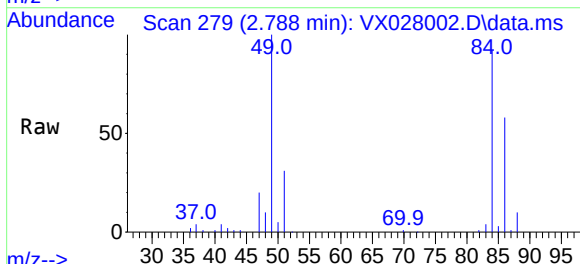
APPROVED

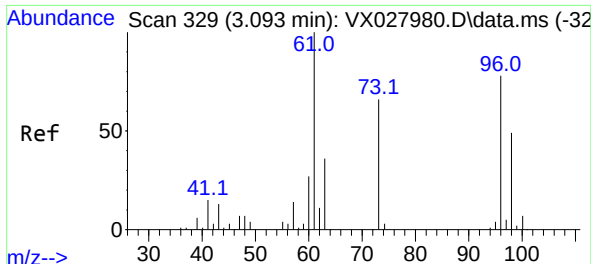
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#20
Methylene Chloride
Concen: 46.910 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

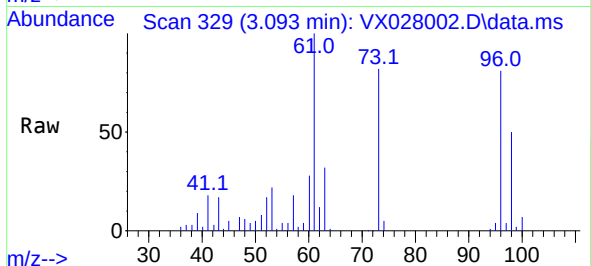
Tgt Ion: 84 Resp: 43966
Ion Ratio Lower Upper
84 100
49 108.9 85.5 128.3
51 33.4 26.6 39.8
86 63.3 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 45.354 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

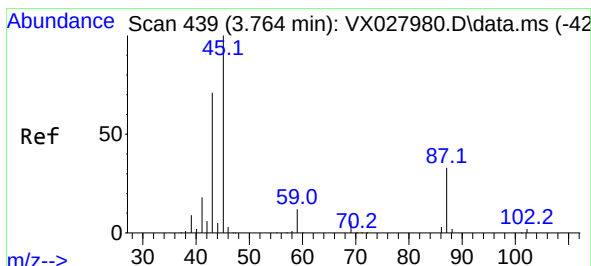
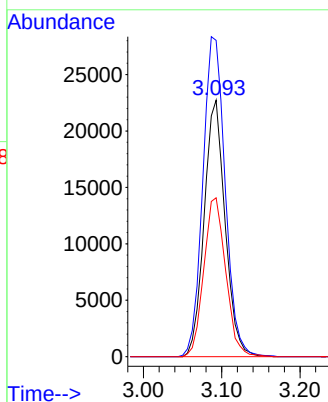
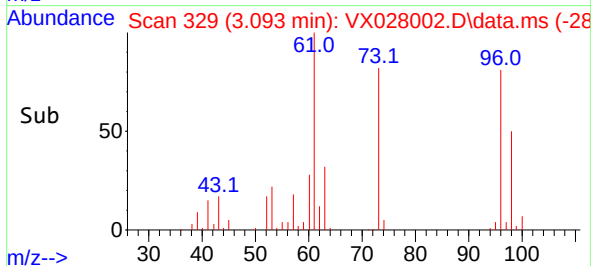
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



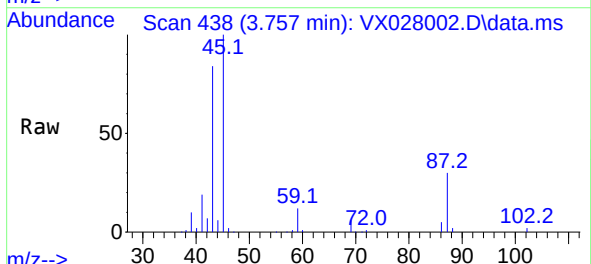
Tgt Ion: 96 Resp: 4228
Ion Ratio Lower Upper
96 100
61 123.3 105.4 158.2
98 62.0 50.0 75.0

Manual Integrations
APPROVED

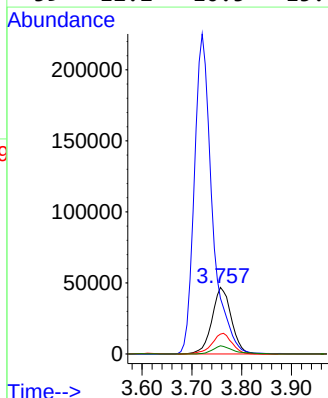
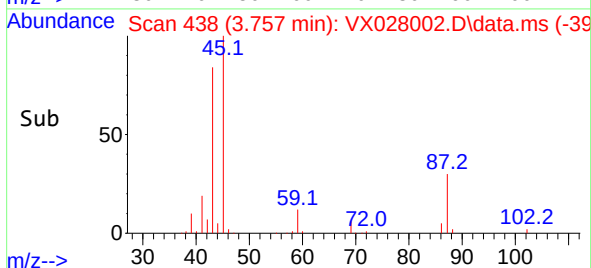
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

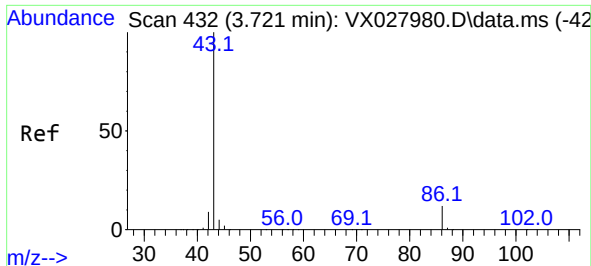


#22
Diisopropyl ether
Concen: 49.244 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



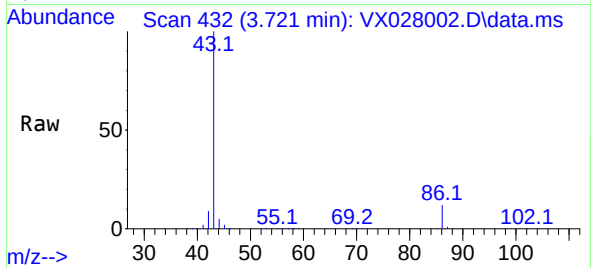
Tgt Ion: 45 Resp: 125838
Ion Ratio Lower Upper
45 100
43 83.0 50.8 76.2#
87 29.9 26.6 39.8
59 12.2 10.5 15.7





#23
 Vinyl Acetate
 Concen: 252.534 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028002.D
 Acq: 06 Apr 2022 17:27

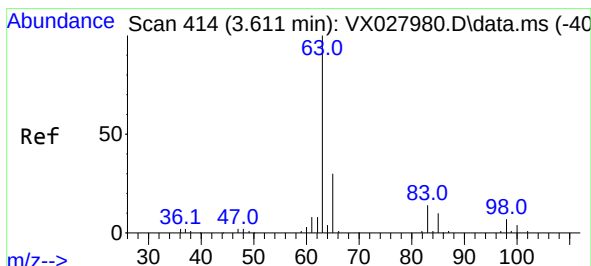
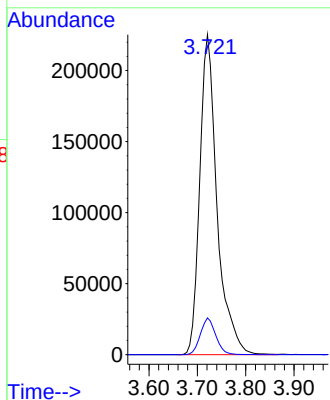
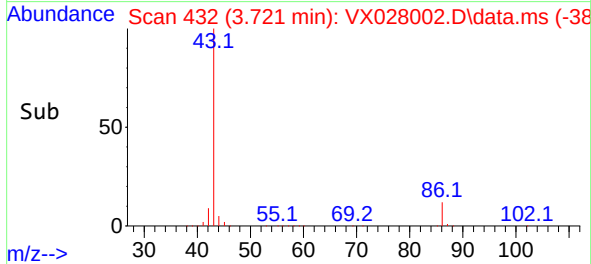
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



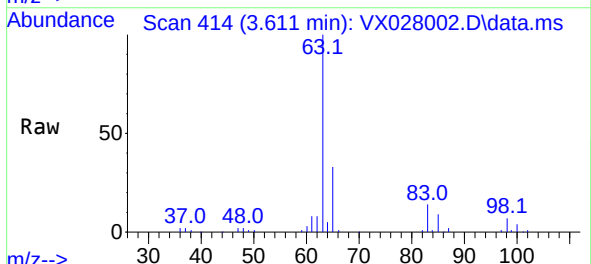
Tgt Ion: 43 Resp: 560428
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.8 16.2

Manual Integrations
 APPROVED

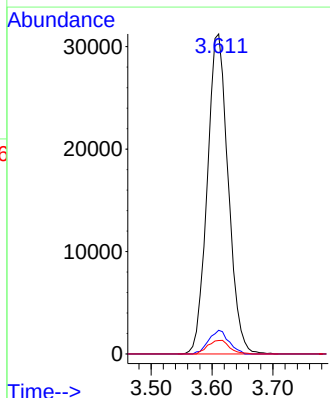
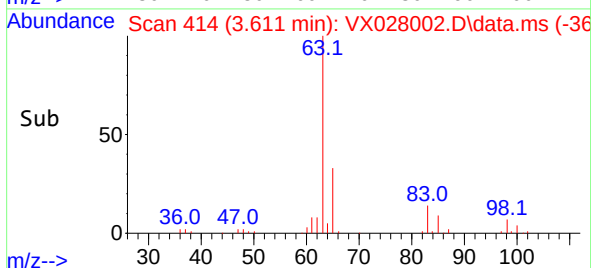
Reviewed By :John Carlone 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

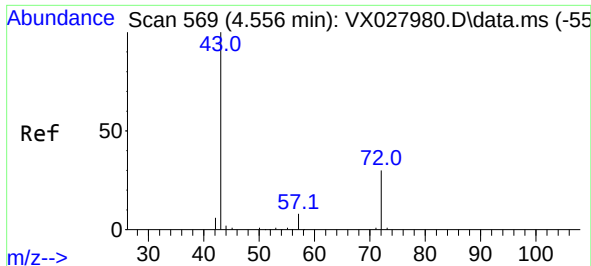


#24
 1,1-Dichloroethane
 Concen: 47.963 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX028002.D
 Acq: 06 Apr 2022 17:27



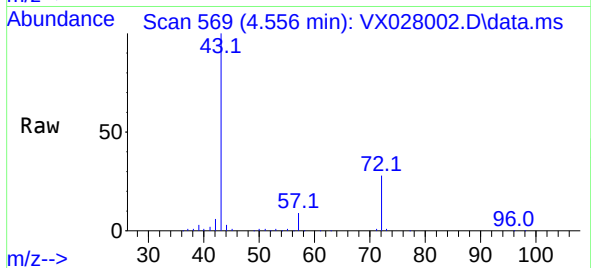
Tgt Ion: 63 Resp: 74474
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 239.988 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

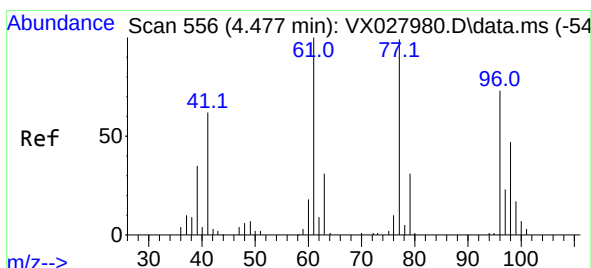
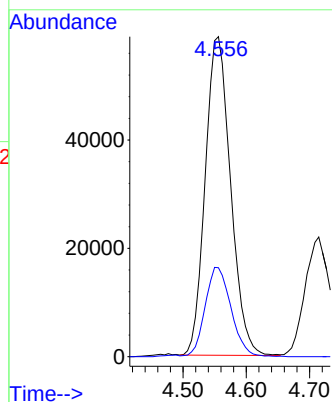
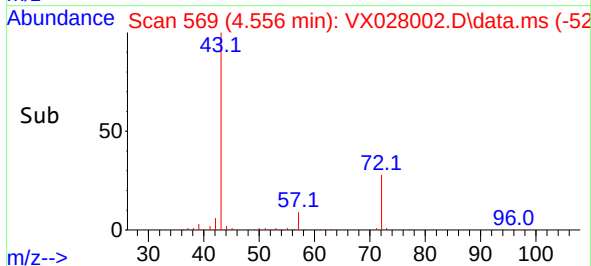
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



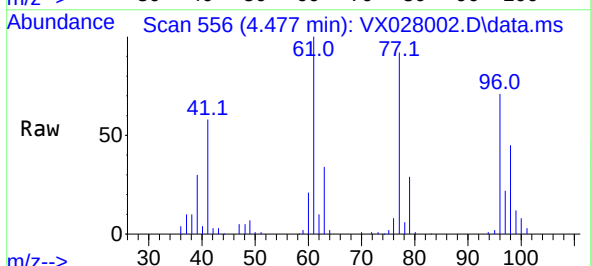
Tgt Ion: 43 Resp: 163900
Ion Ratio Lower Upper
43 100
72 27.8 24.4 36.6

Manual Integrations
APPROVED

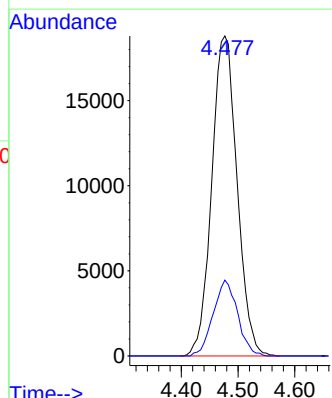
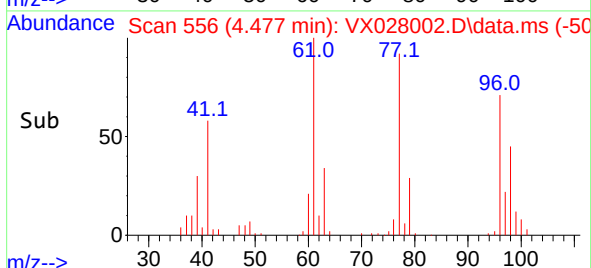
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

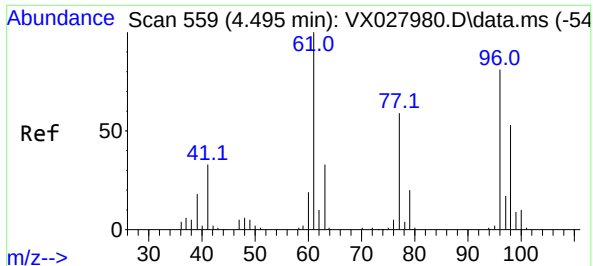


#26
2,2-Dichloropropane
Concen: 48.404 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion: 77 Resp: 58367
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 45.907 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 4949

Ion Ratio Lower Upper

96 100

61 138.5 0.0 283.8

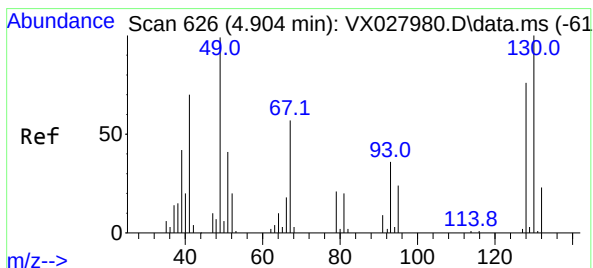
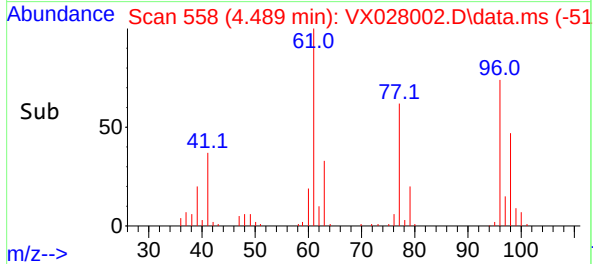
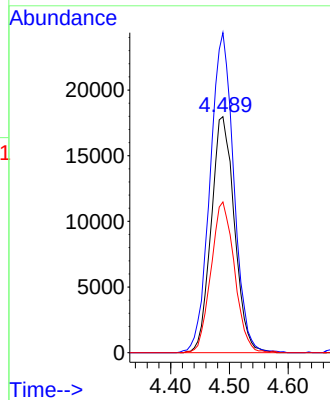
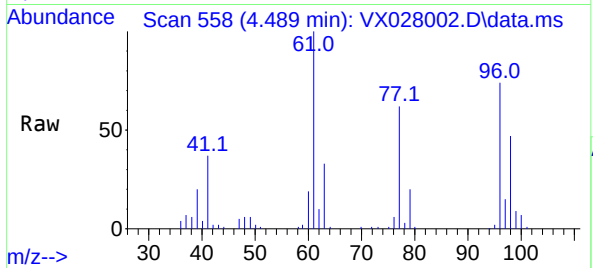
98 64.5 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#28

Bromochloromethane

Concen: 50.773 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

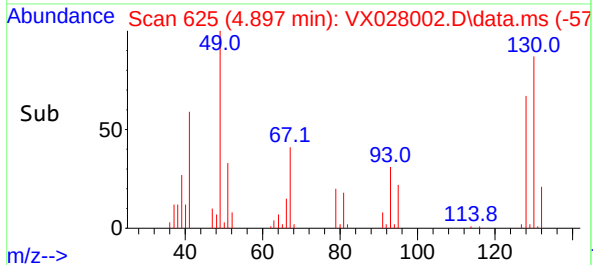
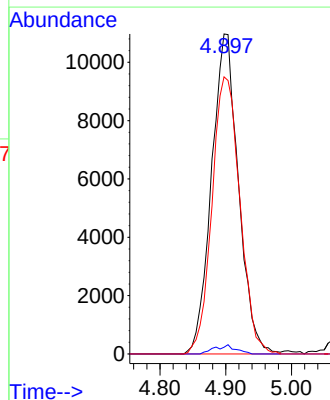
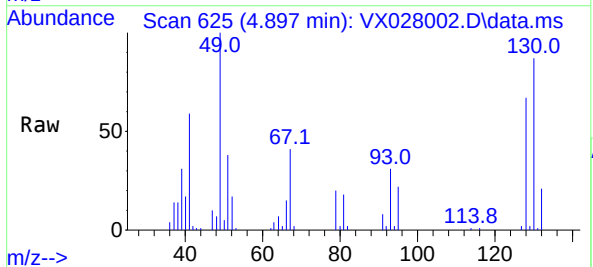
Tgt Ion: 49 Resp: 31287

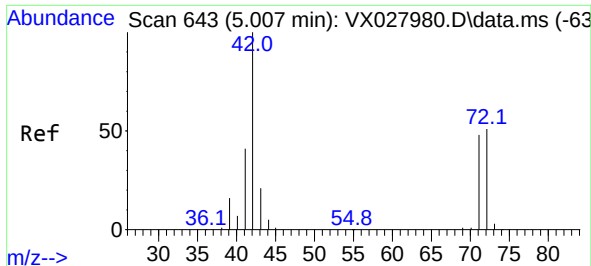
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 89.7 70.7 106.1





#29

Tetrahydrofuran

Concen: 248.064 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 10932

Ion Ratio Lower Upper

42 100

72 47.6 44.1 66.1

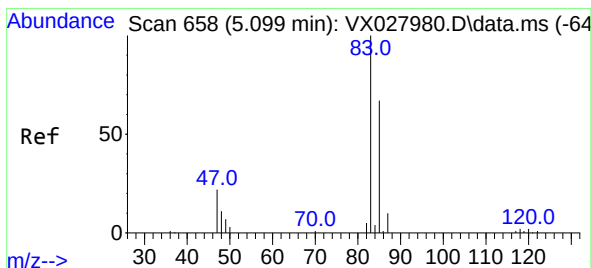
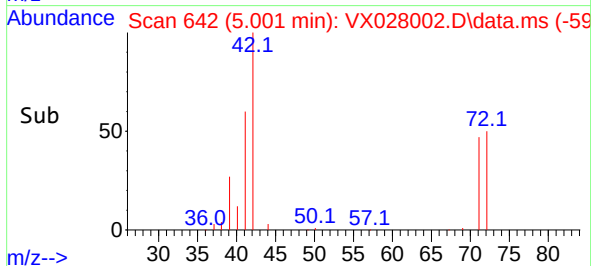
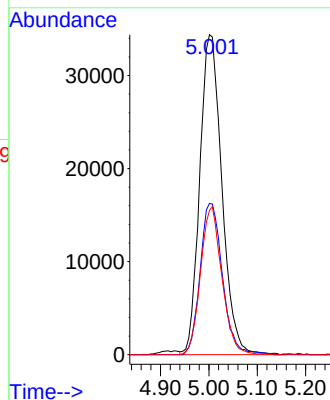
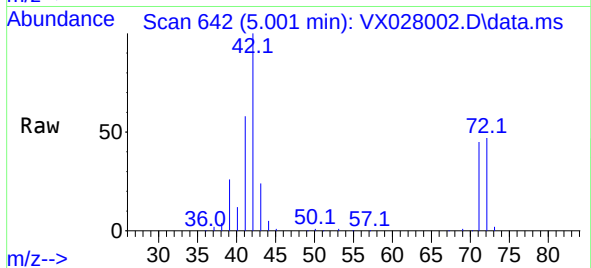
71 44.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#30

Chloroform

Concen: 47.745 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.007 min

Lab File: VX028002.D

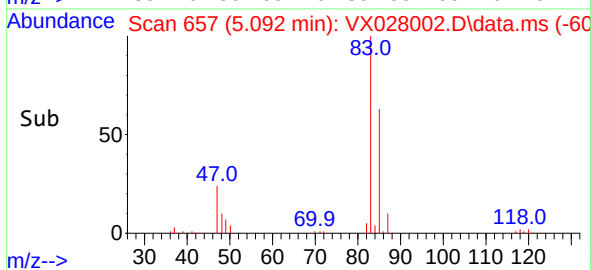
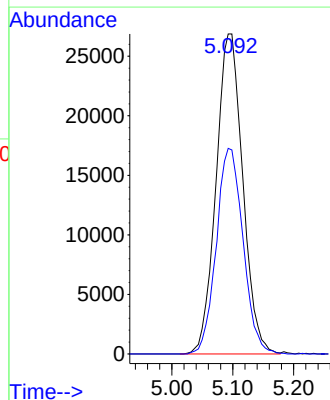
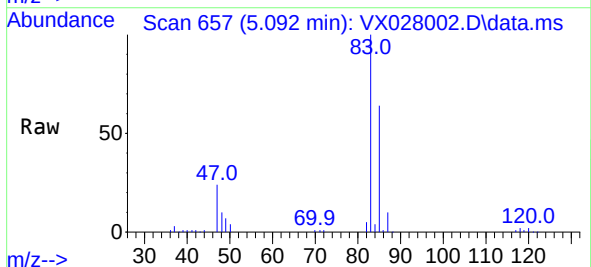
Acq: 06 Apr 2022 17:27

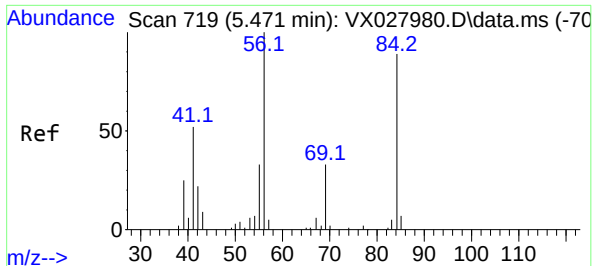
Tgt Ion: 83 Resp: 81797

Ion Ratio Lower Upper

83 100

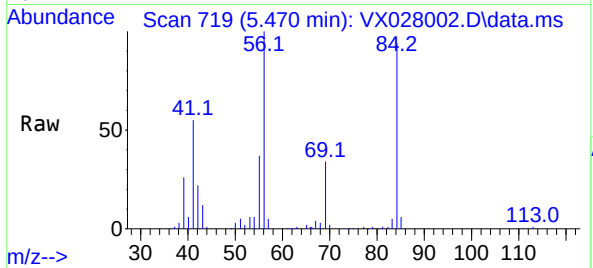
85 64.2 52.7 79.1





#31
Cyclohexane
Concen: 46.905 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

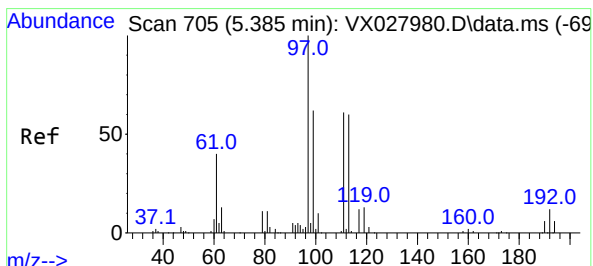
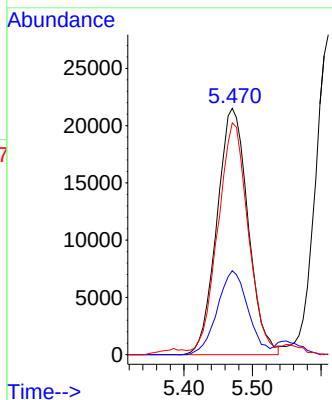
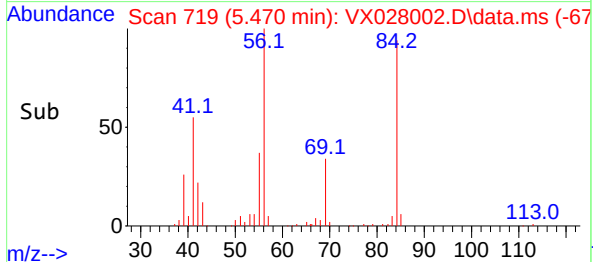
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



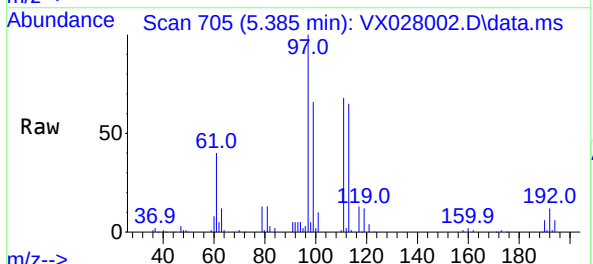
Tgt Ion: 56 Resp: 67862
Ion Ratio Lower Upper
56 100
69 34.1 26.7 40.1
84 92.3 77.2 115.8

Manual Integrations
APPROVED

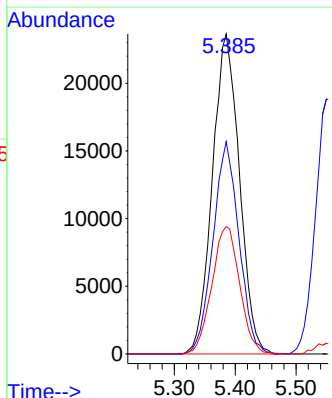
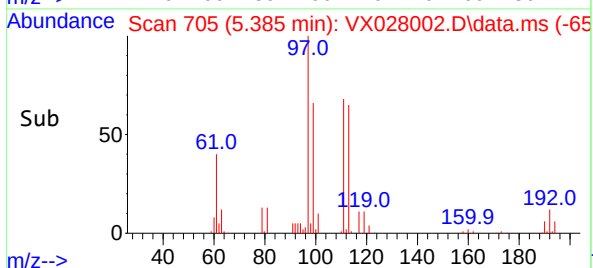
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

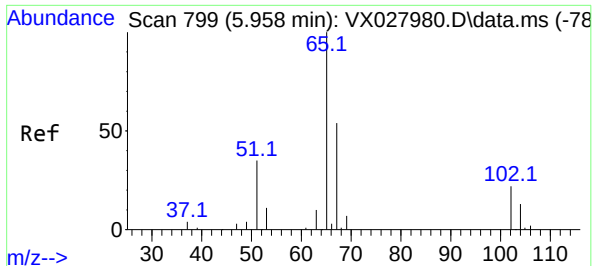


#32
1,1,1-Trichloroethane
Concen: 47.336 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion: 97 Resp: 72895
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 41.0 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 48.981 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 54730

Ion Ratio Lower Upper

65 100

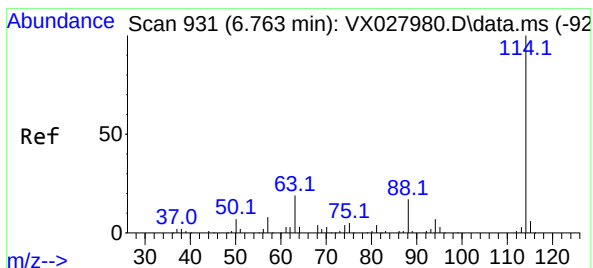
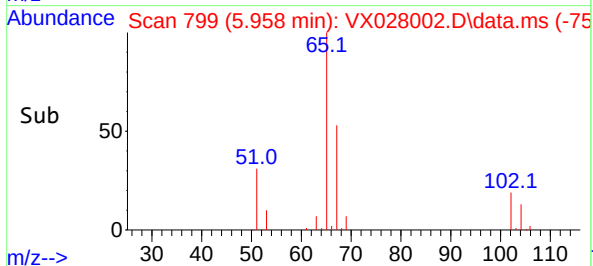
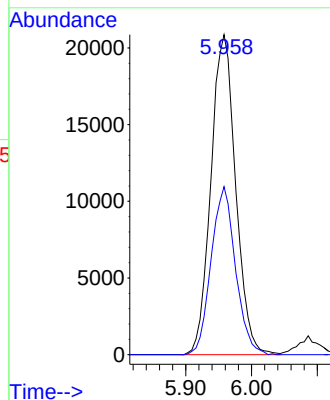
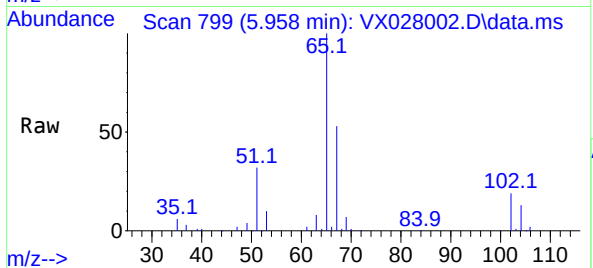
67 51.6 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

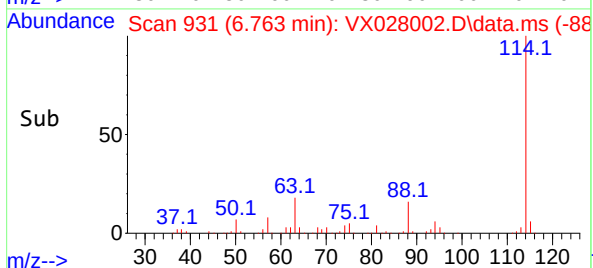
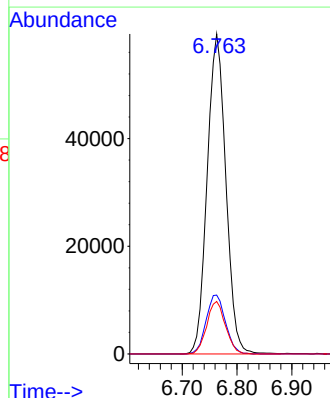
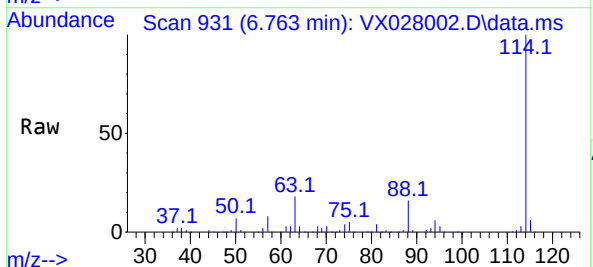
Tgt Ion:114 Resp: 140014

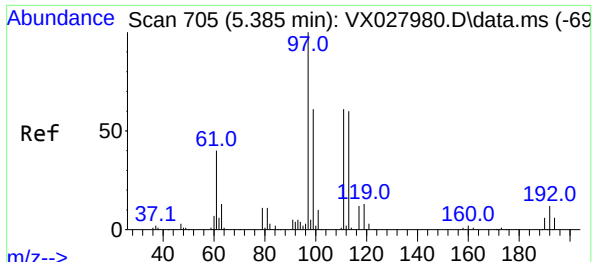
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

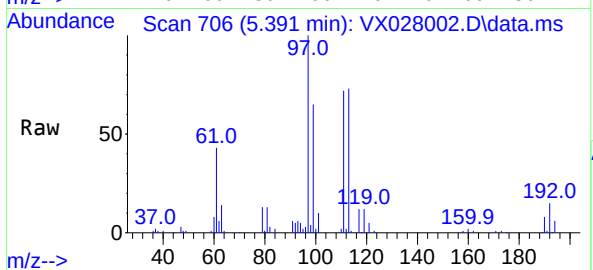
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 47.761 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

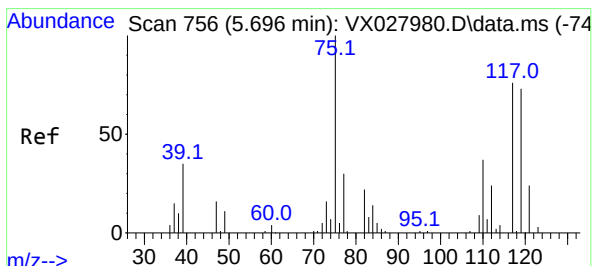
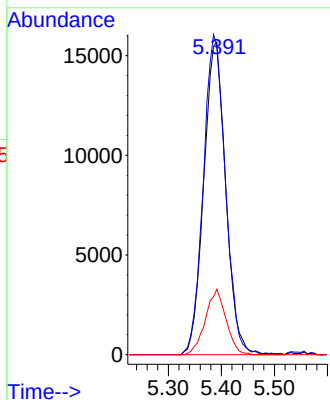
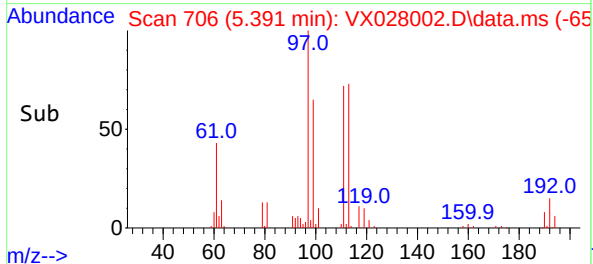
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 45254
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.6 16.9 25.3

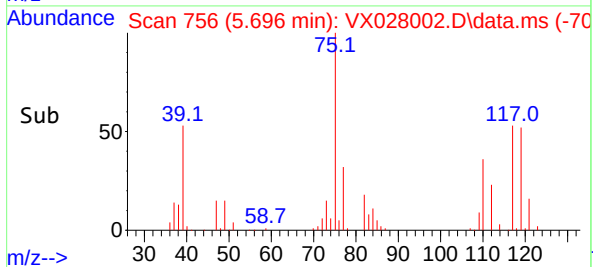
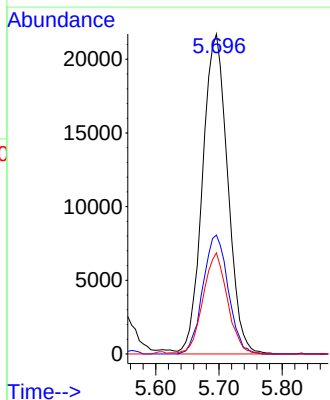
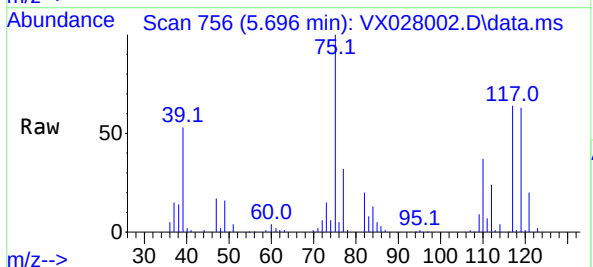
Manual Integrations
APPROVED

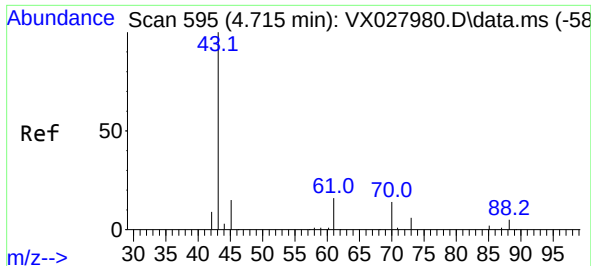
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#36
1,1-Dichloropropene
Concen: 48.129 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion: 75 Resp: 59957
Ion Ratio Lower Upper
75 100
110 37.5 18.3 54.8
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 49.487 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 6289

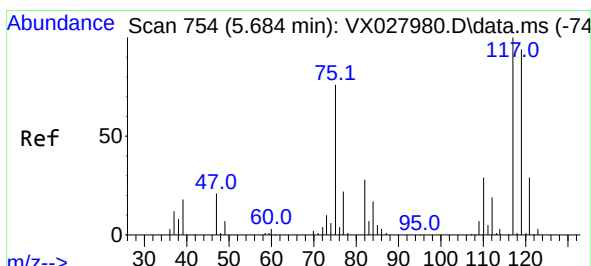
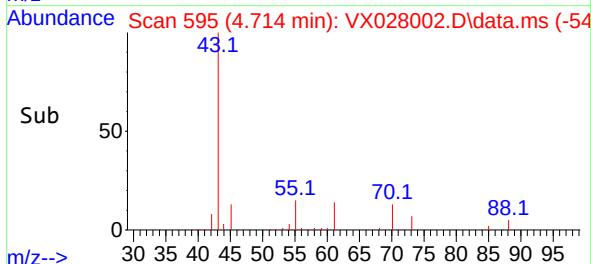
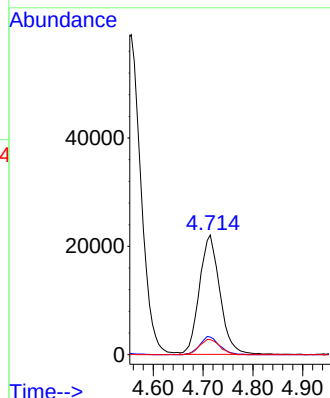
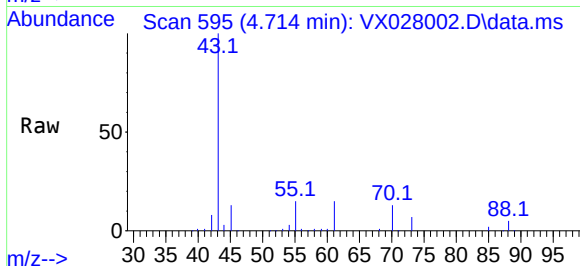
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.6	19.0
70	12.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#38

Carbon Tetrachloride

Concen: 47.060 ug/l

RT: 5.678 min Scan# 753

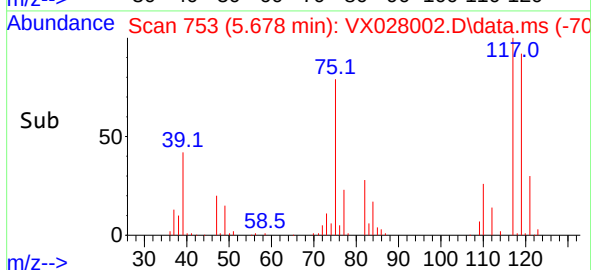
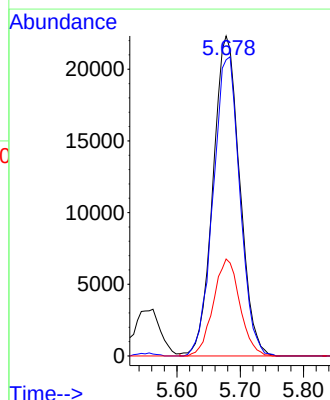
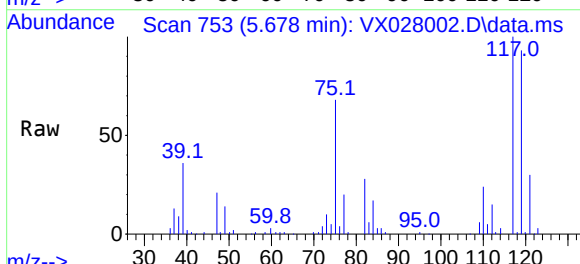
Delta R.T. -0.006 min

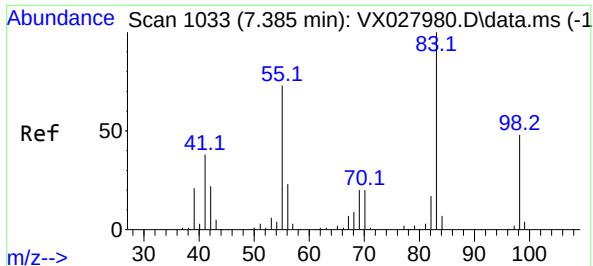
Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Tgt Ion:117 Resp: 65153

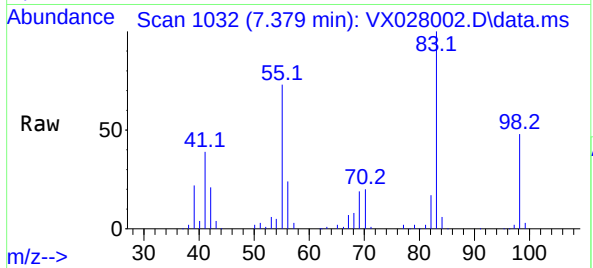
Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.3	115.9
121	30.3	24.2	36.2





#39
Methylcyclohexane
Concen: 45.973 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

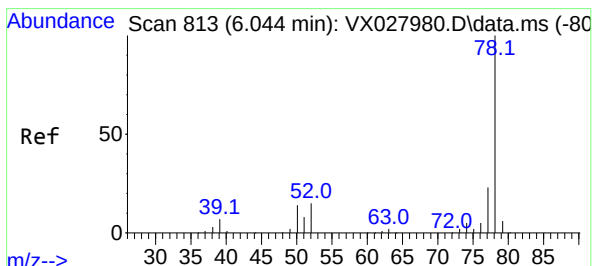
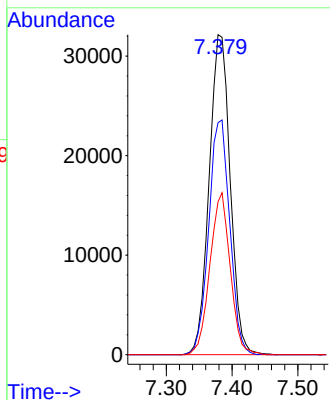
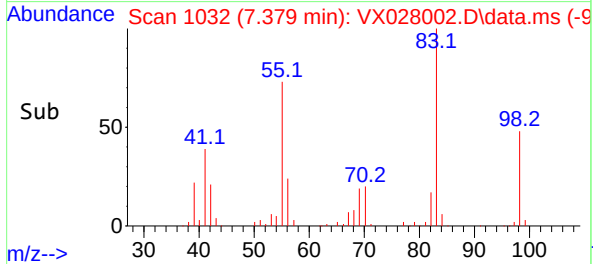
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



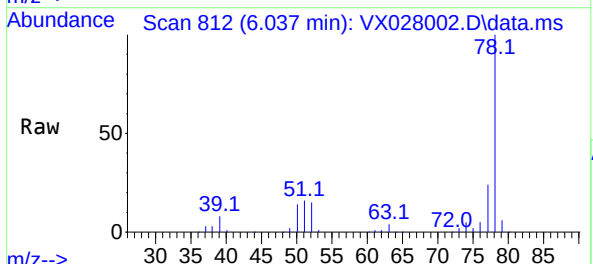
Tgt Ion: 83 Resp: 71678
Ion Ratio Lower Upper
83 100
55 72.5 54.6 81.8
98 47.8 37.4 56.2

Manual Integrations
APPROVED

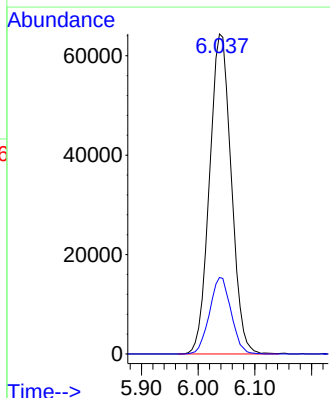
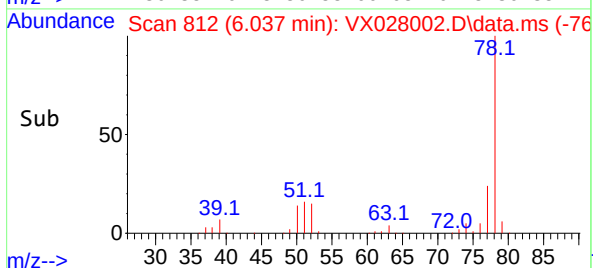
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

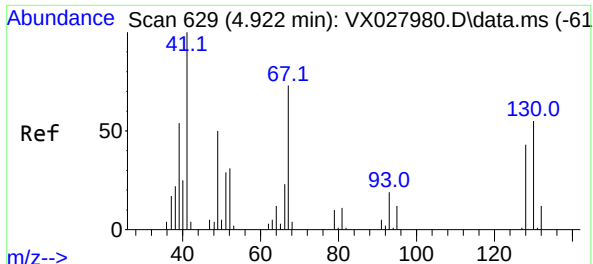


#40
Benzene
Concen: 47.913 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion: 78 Resp: 171632
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





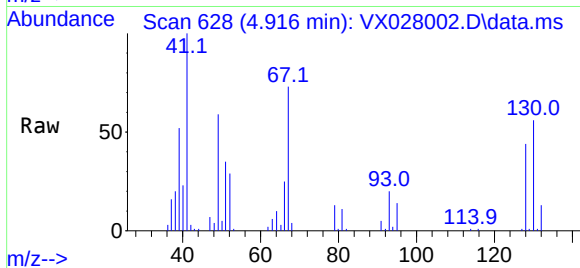
#41
Methacrylonitrile
Concen: 52.432 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



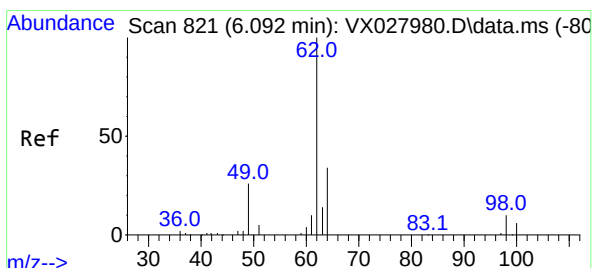
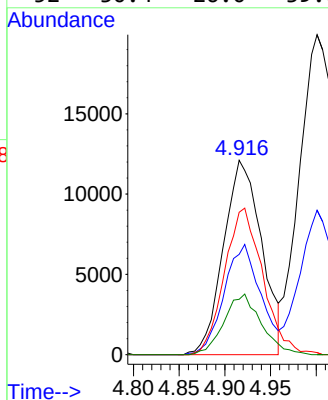
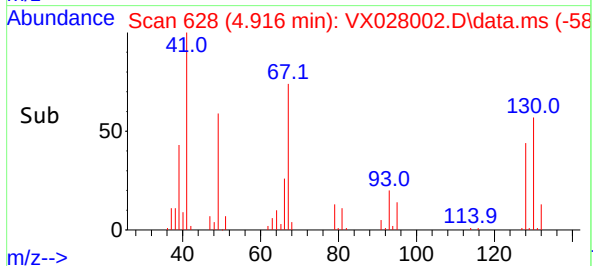
Tgt Ion: 41 Resp: 3520
Ion Ratio Lower Upper
41 100
39 54.5 43.0 64.4
67 75.7 70.2 105.4
52 30.4 26.0 39.0

Manual Integrations

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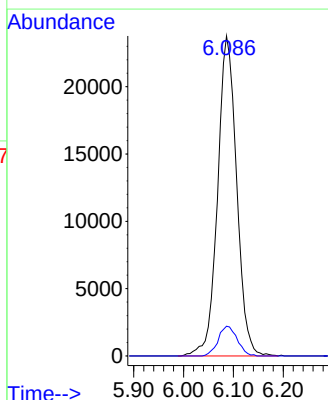
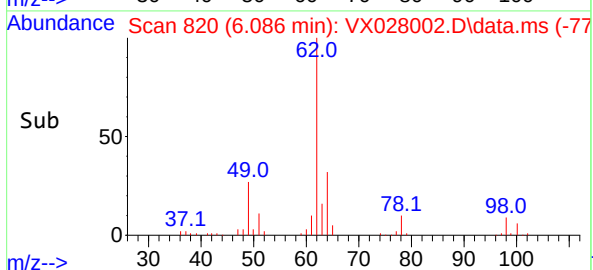
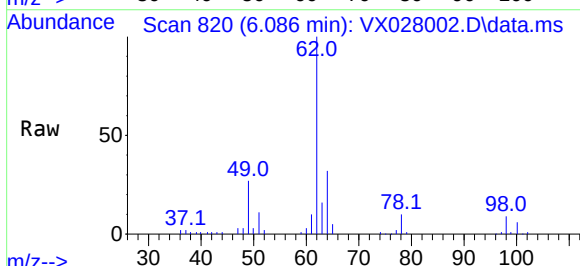
Reviewed By :John Carlone 04/07/2022

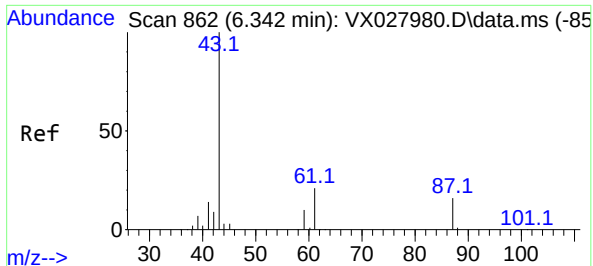
Supervised By :Mahesh Dadoda 04/07/2022



#42
1,2-Dichloroethane
Concen: 48.453 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

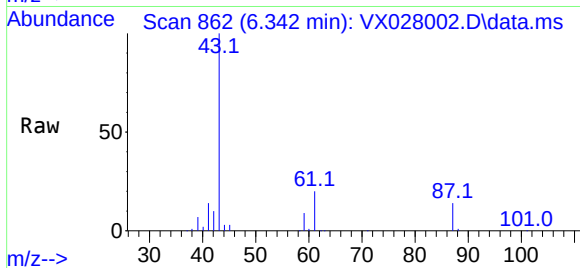
Tgt Ion: 62 Resp: 63052
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.4





#43
Isopropyl Acetate
Concen: 51.105 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

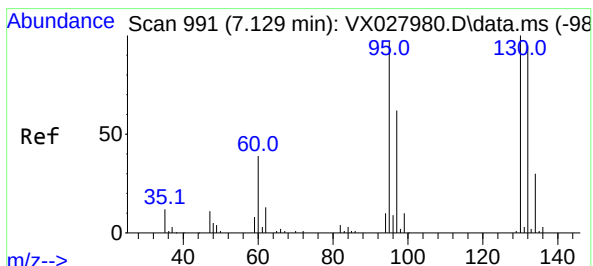
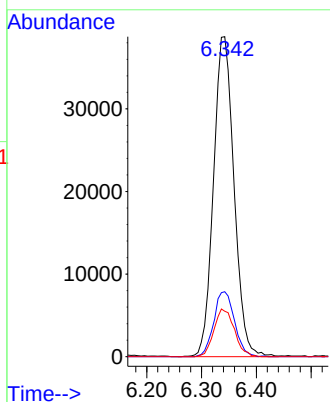
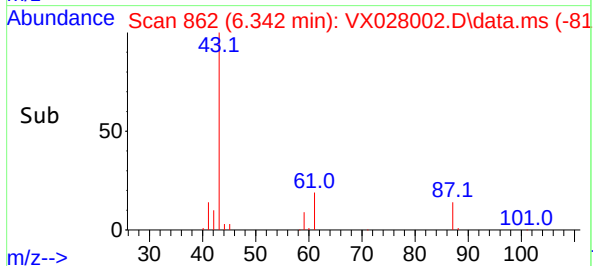
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



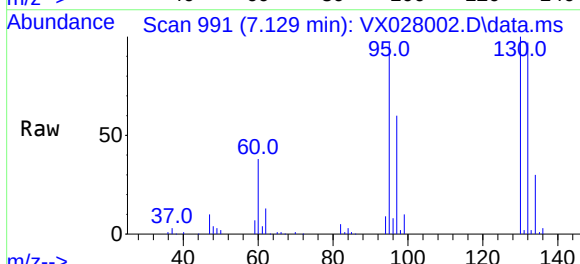
Tgt Ion: 43 Resp: 100870
Ion Ratio Lower Upper
43 100
61 20.5 18.5 27.7
87 14.9 13.0 19.6

Manual Integrations
APPROVED

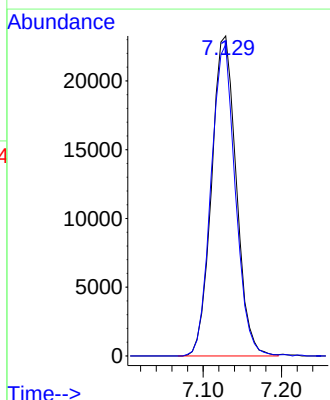
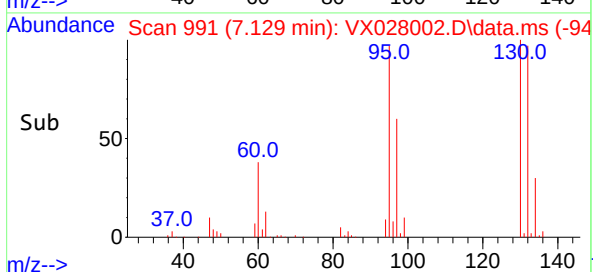
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

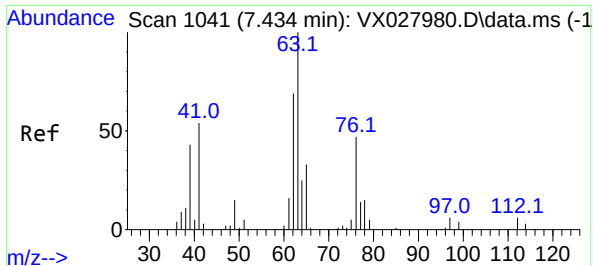


#44
Trichloroethene
Concen: 47.652 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion:130 Resp: 50940
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 48.946 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4223

Ion Ratio Lower Upper

63 100

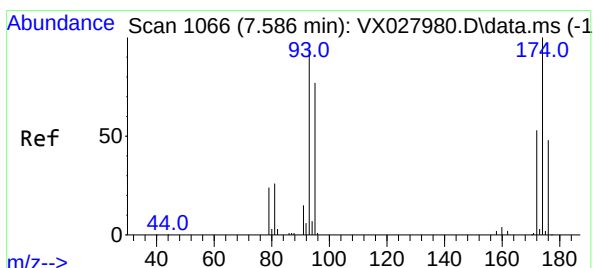
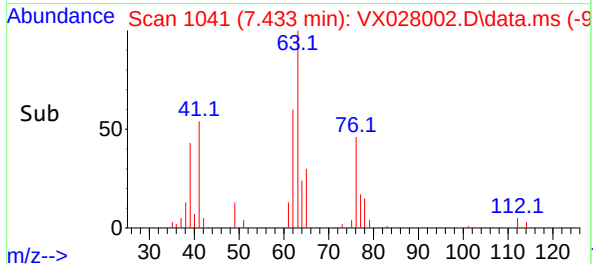
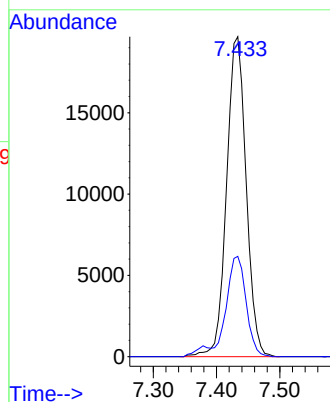
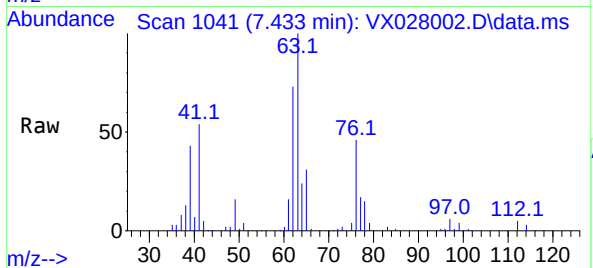
65 31.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#46

Dibromomethane

Concen: 46.365 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

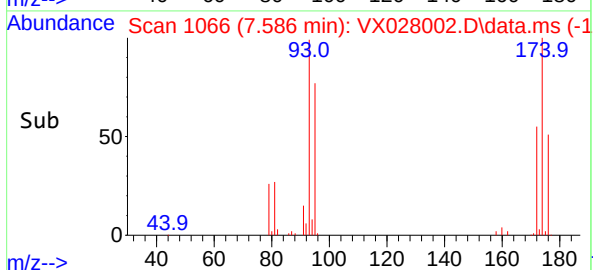
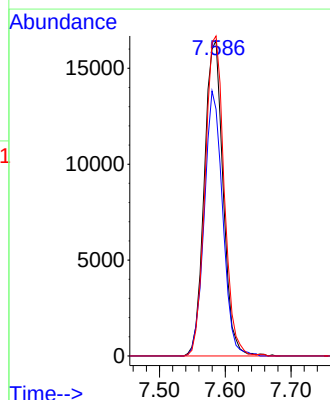
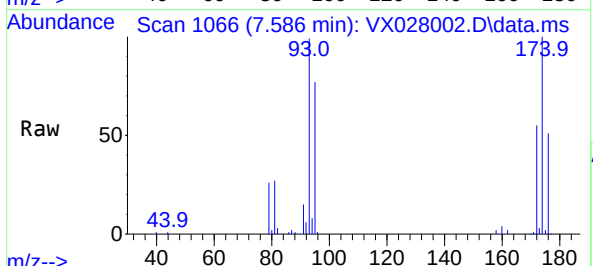
Tgt Ion: 93 Resp: 32639

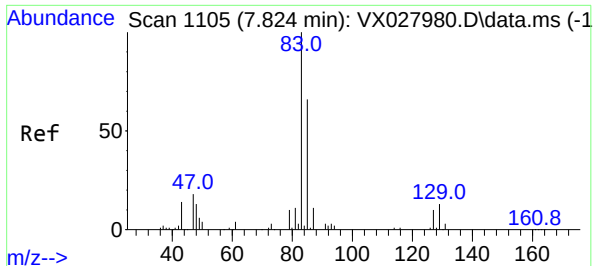
Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.6

174 102.8 85.4 128.2





#47
Bromodichloromethane
Concen: 47.159 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

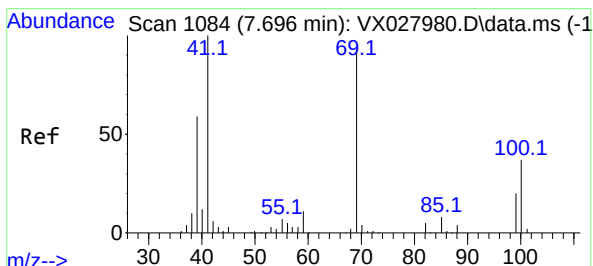
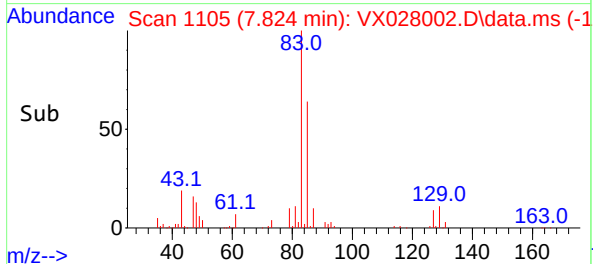
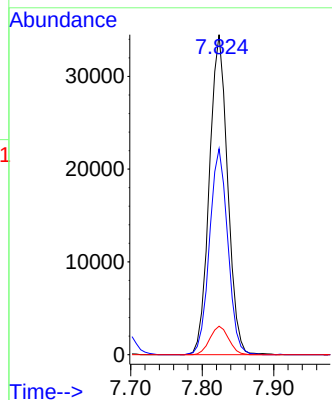
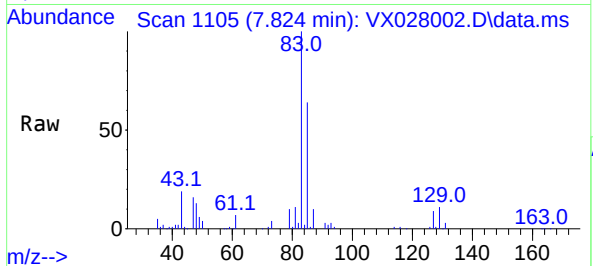
VSTDCCC050EC

Tgt Ion: 83 Resp: 61140
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.2
127 8.9 6.8 10.2

Manual Integrations

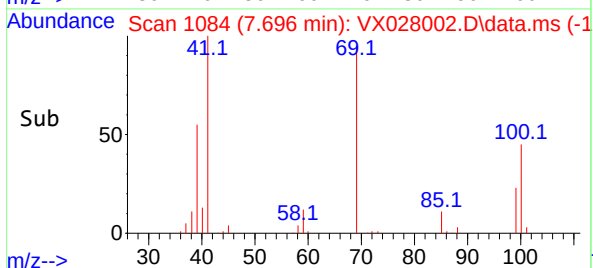
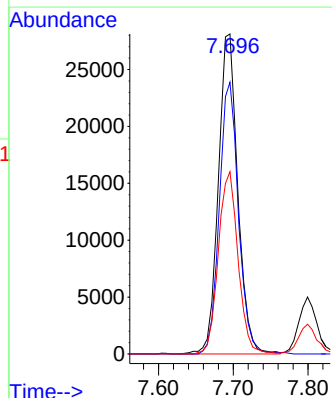
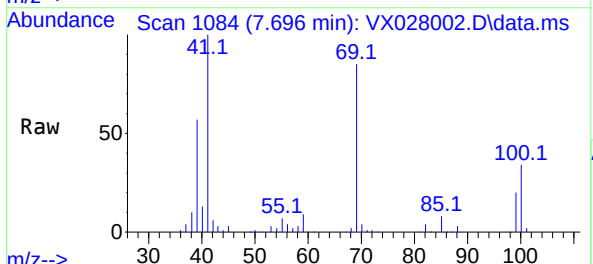
APPROVED

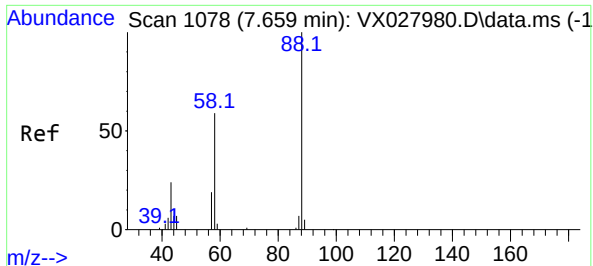
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#48
Methyl methacrylate
Concen: 53.762 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

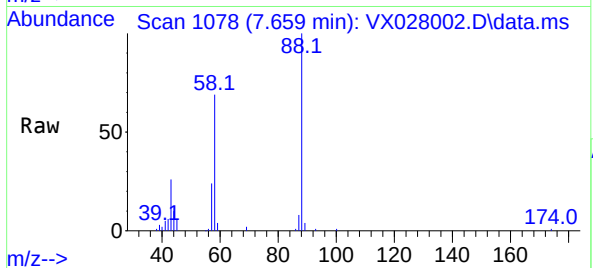
Tgt Ion: 41 Resp: 50906
Ion Ratio Lower Upper
41 100
69 83.7 82.5 123.7
39 57.8 43.8 65.8





#49
1,4-Dioxane
Concen: 861.027 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

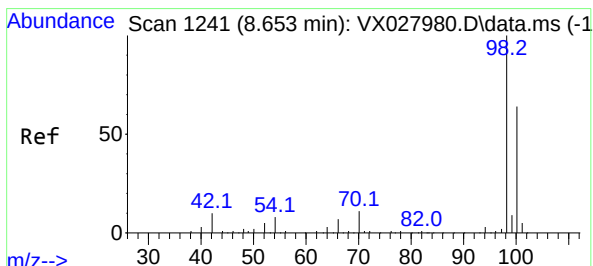
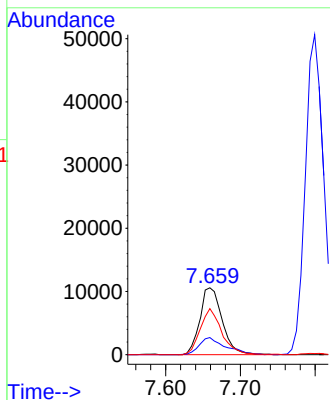
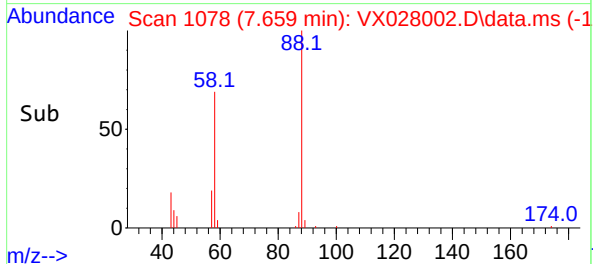
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2186
Ion Ratio Lower Upper
88 100
43 30.4 21.9 32.9
58 66.8 53.7 80.5

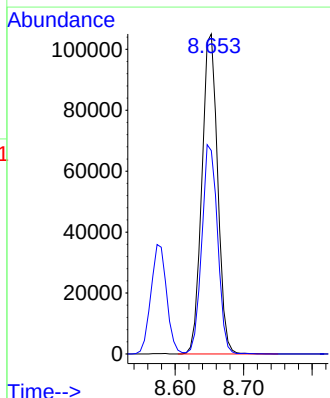
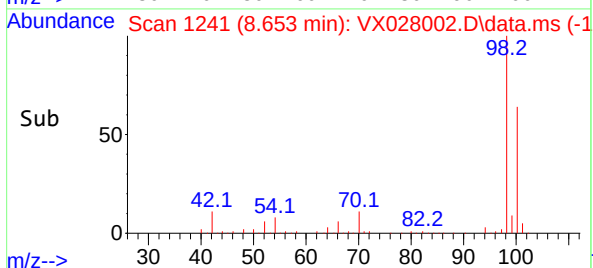
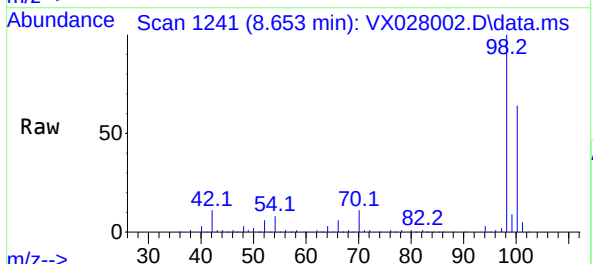
Manual Integrations
APPROVED

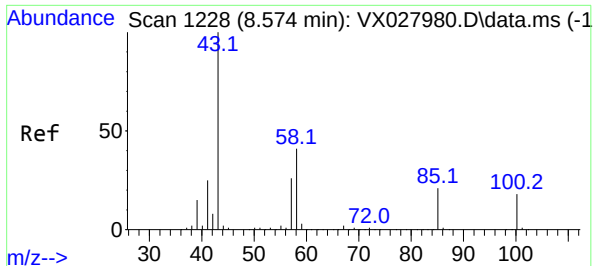
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#50
Toluene-d8
Concen: 48.654 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion: 98 Resp: 168432
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 256.165 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

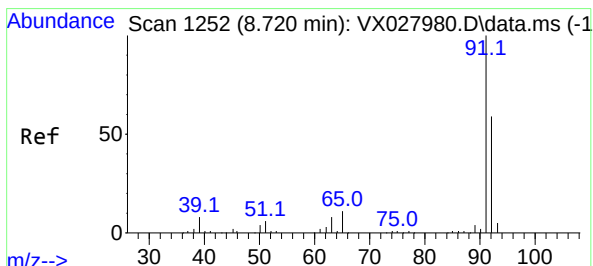
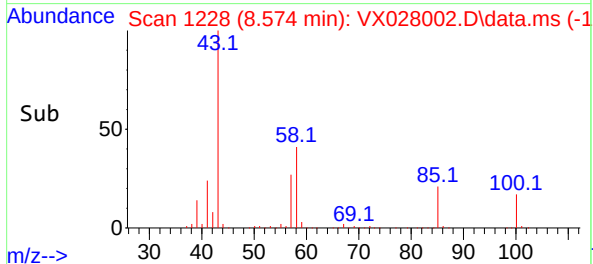
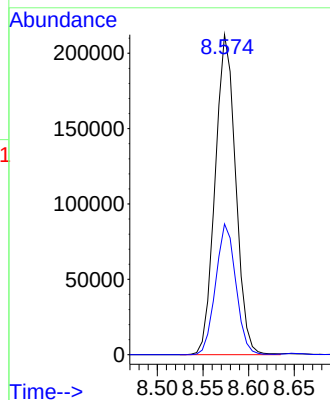
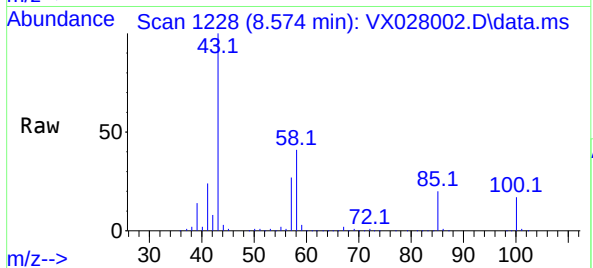
VSTDCCC050EC

Tgt Ion: 43 Resp: 331250
Ion Ratio Lower Upper
43 100
58 40.3 36.1 54.1

Manual Integrations

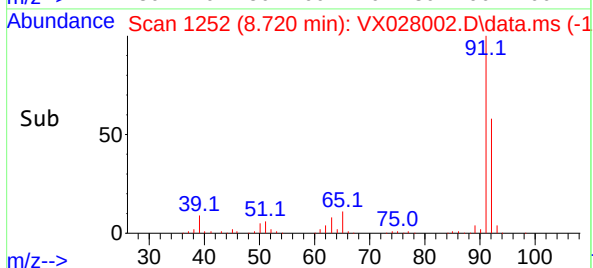
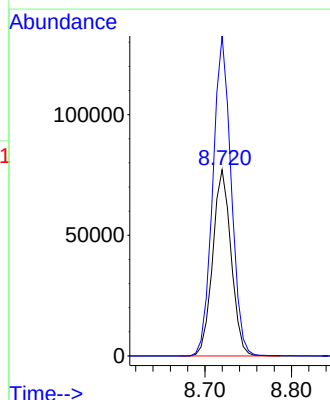
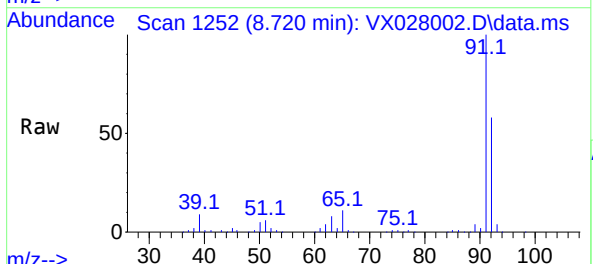
APPROVED

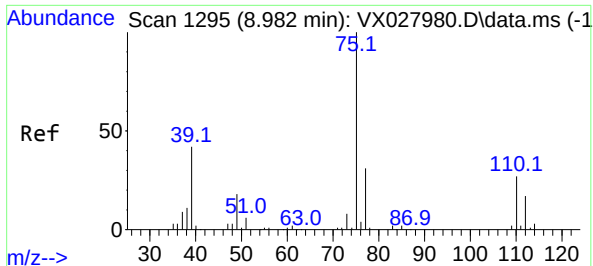
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#52
Toluene
Concen: 47.793 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion: 92 Resp: 113893
Ion Ratio Lower Upper
92 100
91 171.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 49.014 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 64230

Ion Ratio Lower Upper

75 100

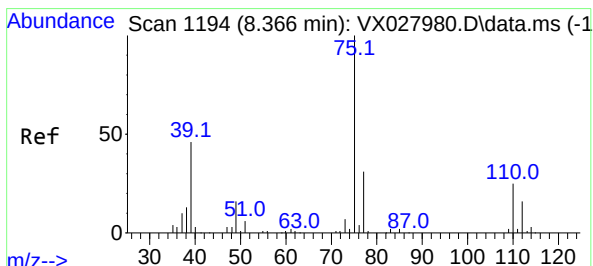
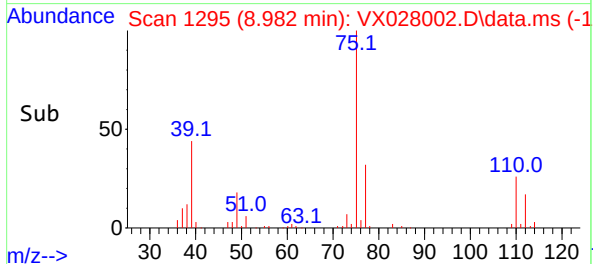
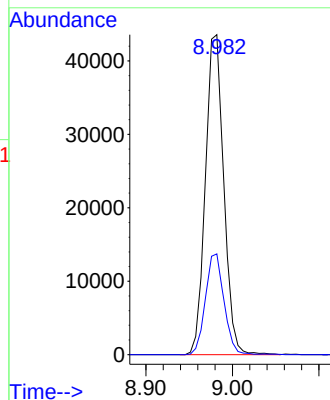
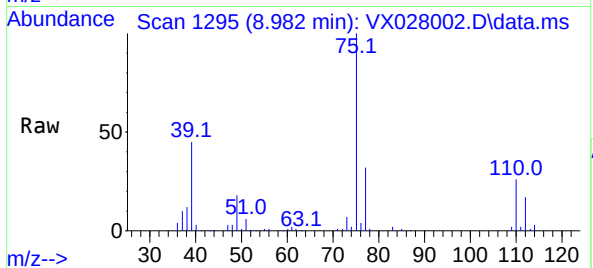
77 31.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#54

cis-1,3-Dichloropropene

Concen: 48.576 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

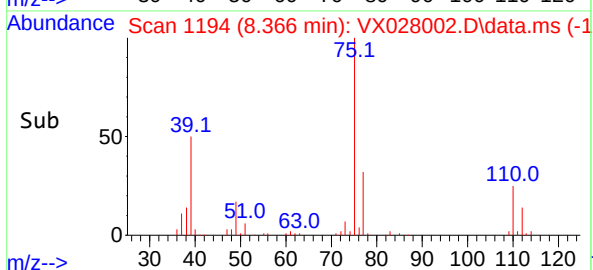
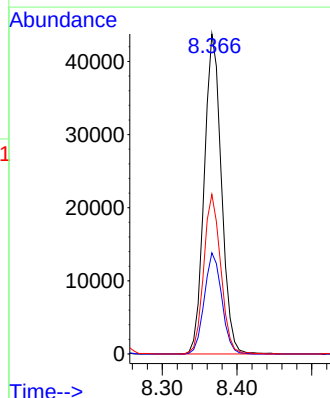
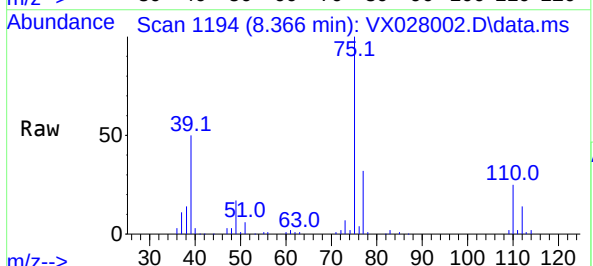
Tgt Ion: 75 Resp: 69746

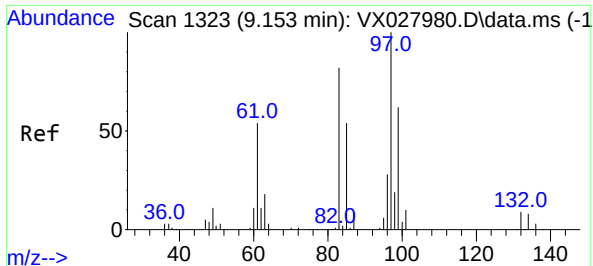
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

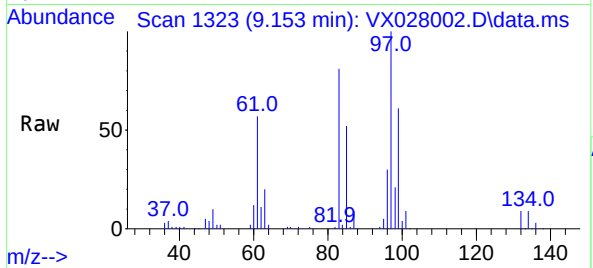
39 49.9 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 47.015 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

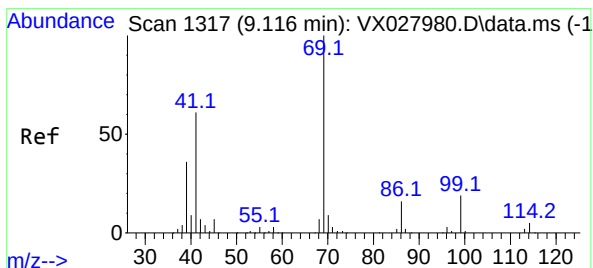
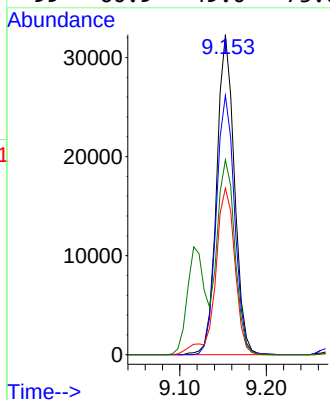
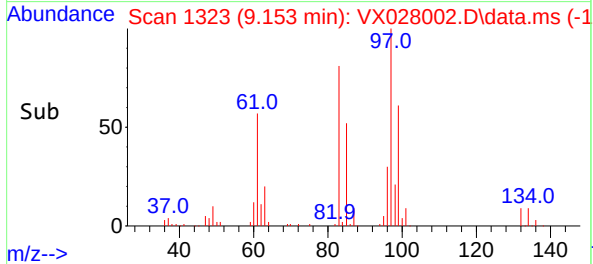


Tgt Ion: 97 Resp: 45978

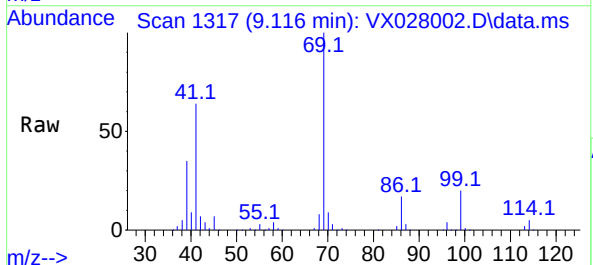
Ion	Ratio	Lower	Upper
97	100		
83	81.0	66.2	99.4
85	52.0	42.9	64.3
99	60.9	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

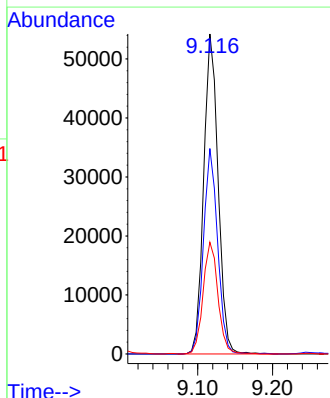
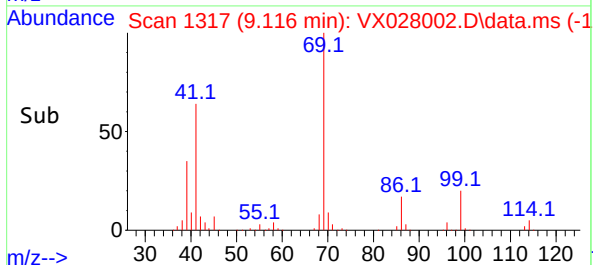


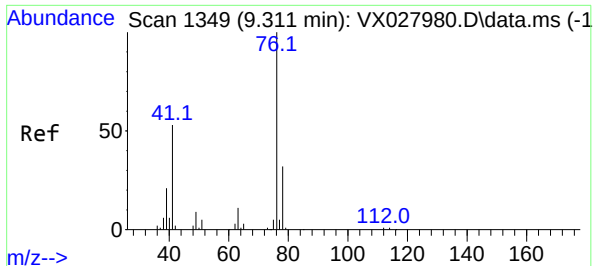
#56
Ethyl methacrylate
Concen: 50.790 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion: 69 Resp: 72624

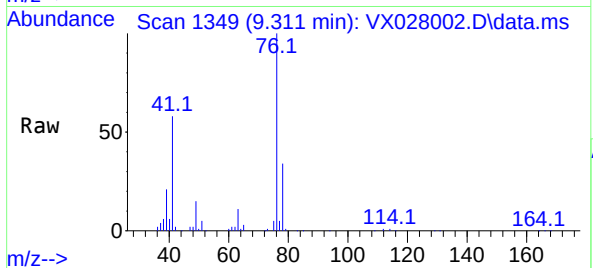
Ion	Ratio	Lower	Upper
69	100		
41	63.1	43.8	65.6
39	36.1	22.2	33.2





#57
1,3-Dichloropropane
Concen: 47.878 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

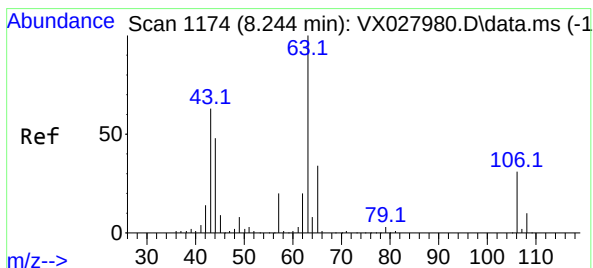
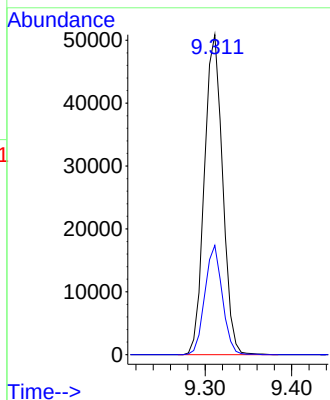
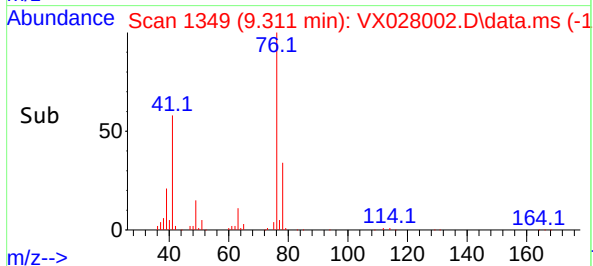
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



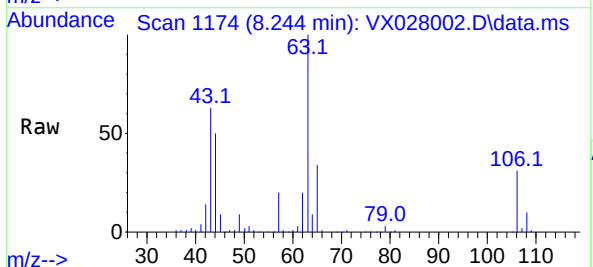
Tgt Ion: 76 Resp: 74340
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

Manual Integrations
APPROVED

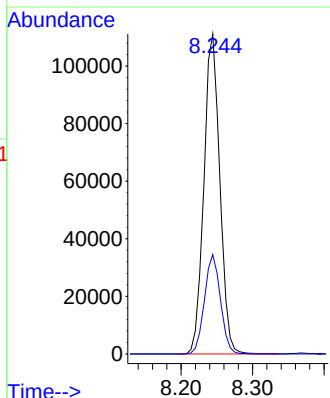
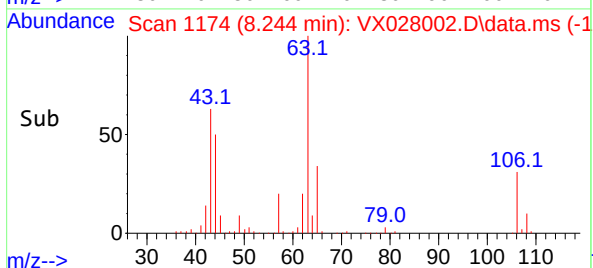
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

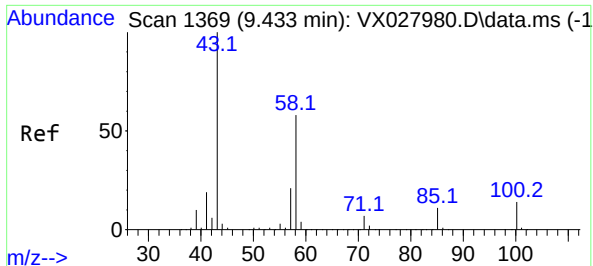


#58
2-Chloroethyl Vinyl ether
Concen: 246.481 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion: 63 Resp: 172072
Ion Ratio Lower Upper
63 100
106 31.0 23.9 35.9





#59

2-Hexanone

Concen: 257.958 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028002.D

Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 257869

Ion Ratio Lower Upper

43 100

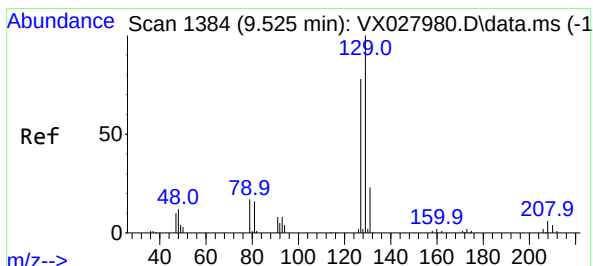
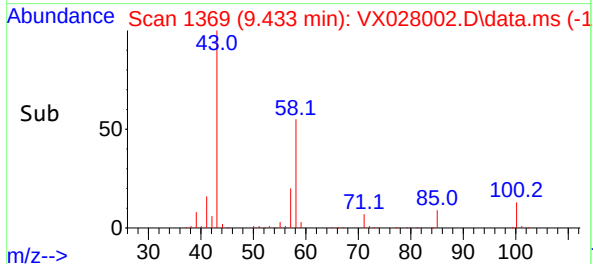
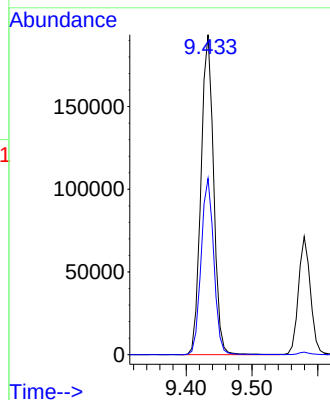
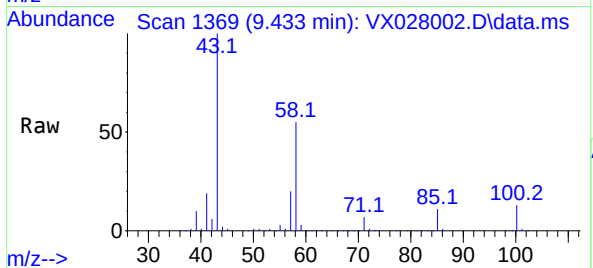
58 55.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#60

Dibromochloromethane

Concen: 46.203 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028002.D

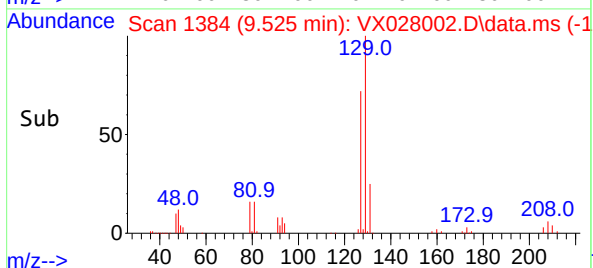
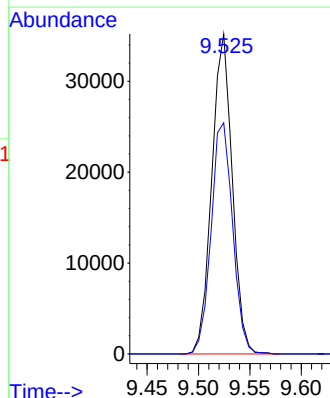
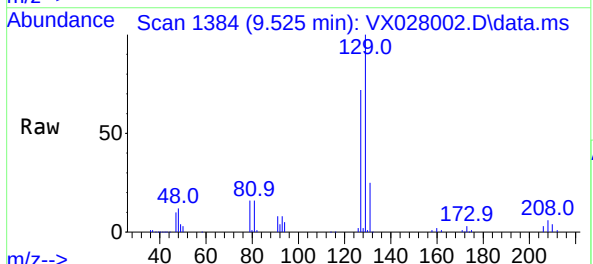
Acq: 06 Apr 2022 17:27

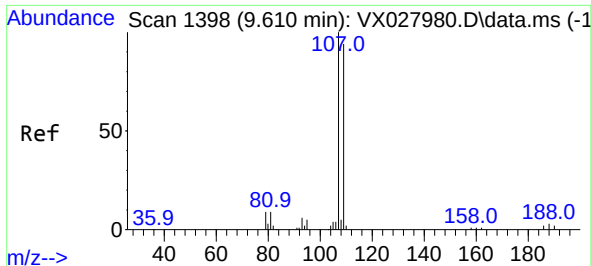
Tgt Ion:129 Resp: 48806

Ion Ratio Lower Upper

129 100

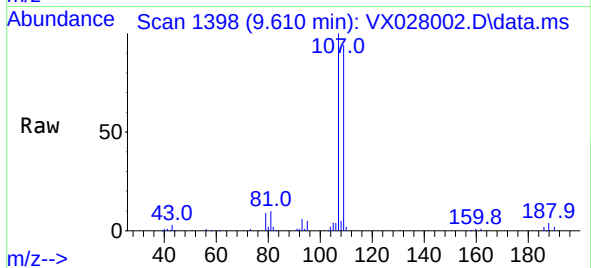
127 76.1 40.3 120.8





#61
1,2-Dibromoethane
Concen: 48.262 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

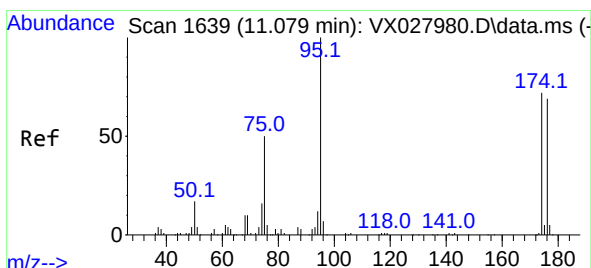
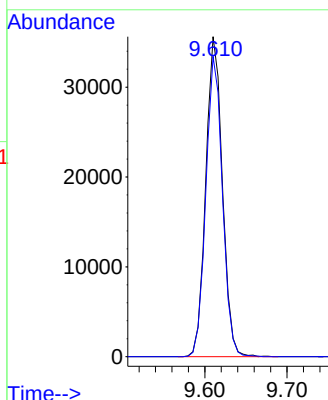
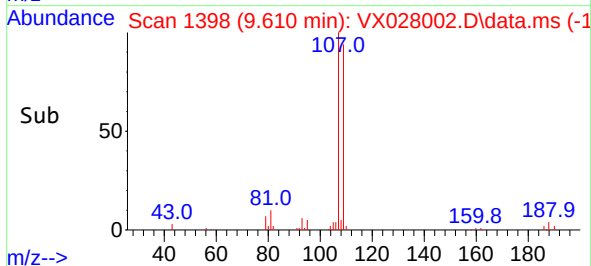
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



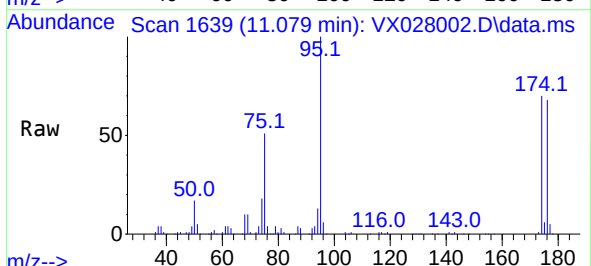
Tgt Ion:107 Resp: 49908
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6

Manual Integrations
APPROVED

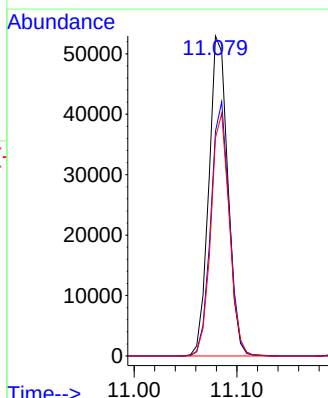
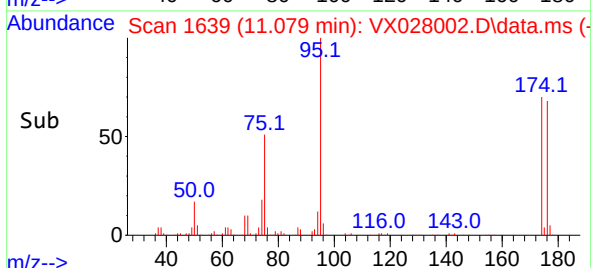
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

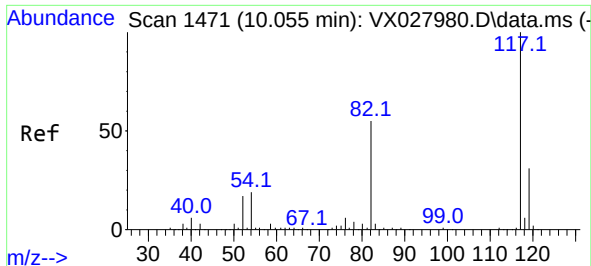


#62
4-Bromofluorobenzene
Concen: 49.764 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



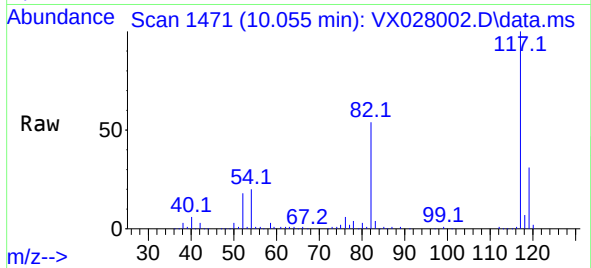
Tgt Ion: 95 Resp: 67748
Ion Ratio Lower Upper
95 100
174 77.6 0.0 163.0
176 73.7 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

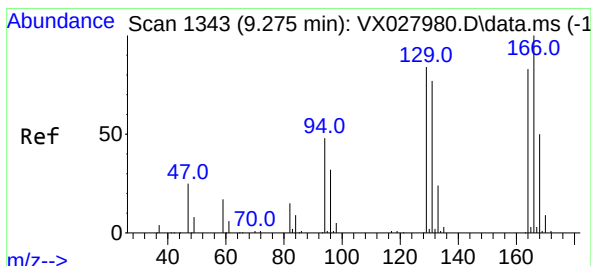
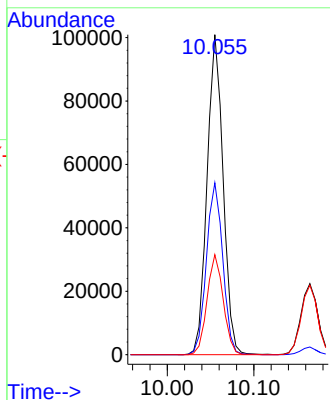
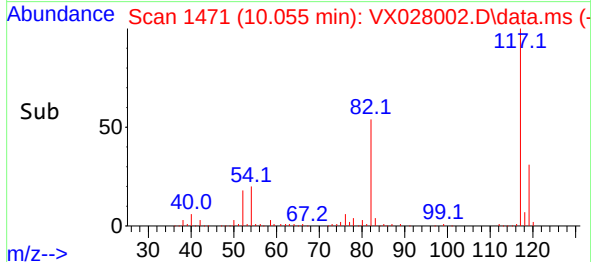
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



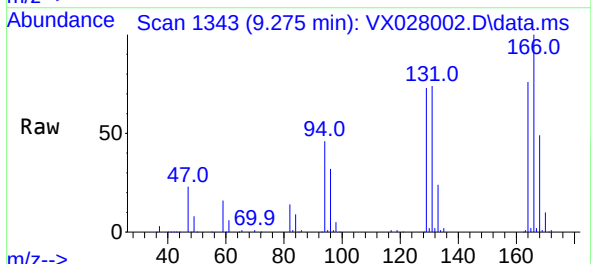
Tgt Ion:117 Resp: 129745
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 31.3 24.8 37.2

Manual Integrations
APPROVED

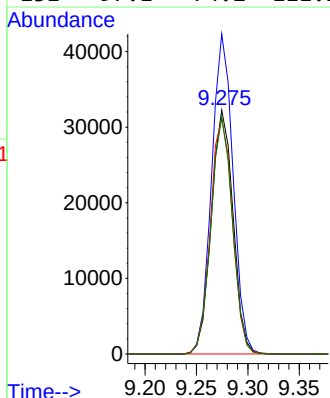
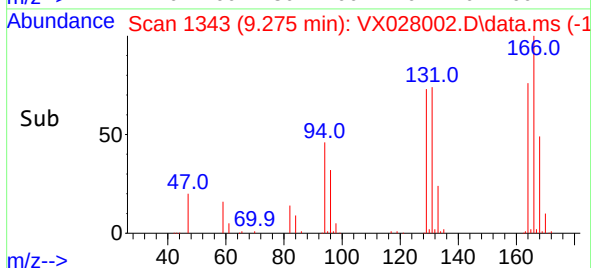
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

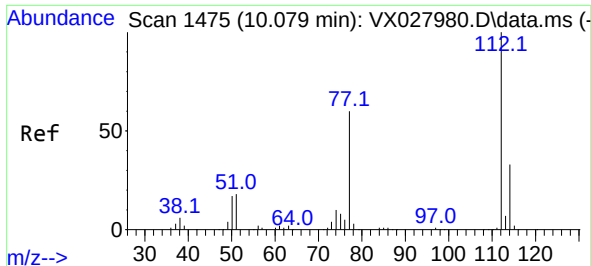


#64
Tetrachloroethene
Concen: 46.413 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



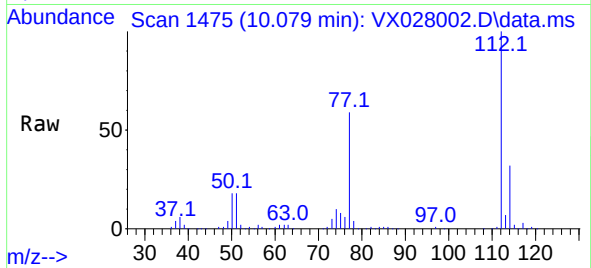
Tgt Ion:164 Resp: 47402
Ion Ratio Lower Upper
164 100
166 131.2 101.2 151.8
129 96.4 73.0 109.4
131 97.1 74.2 111.2





#65
Chlorobenzene
Concen: 45.975 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

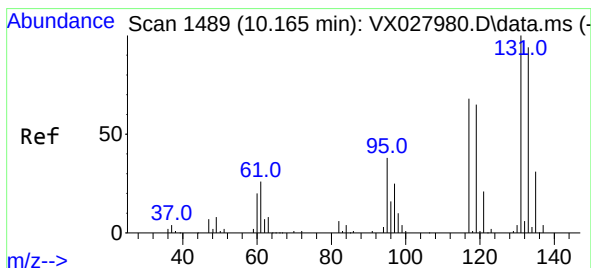
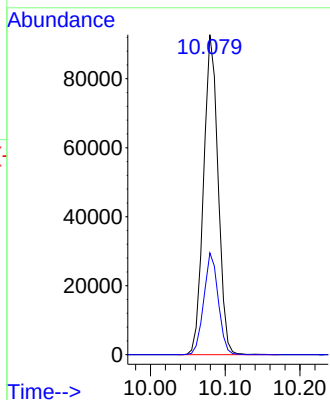
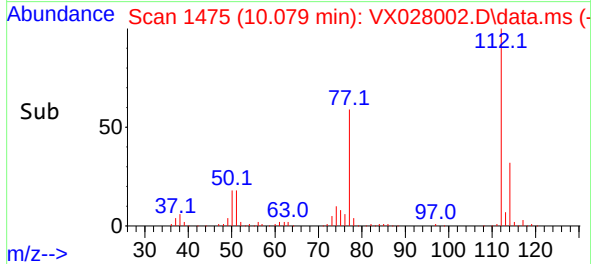
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



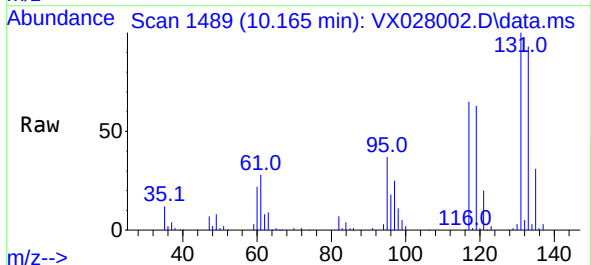
Tgt Ion:112 Resp: 124849
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

Manual Integrations
APPROVED

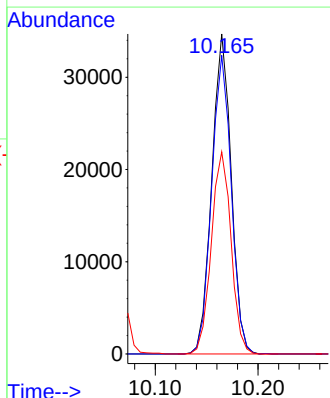
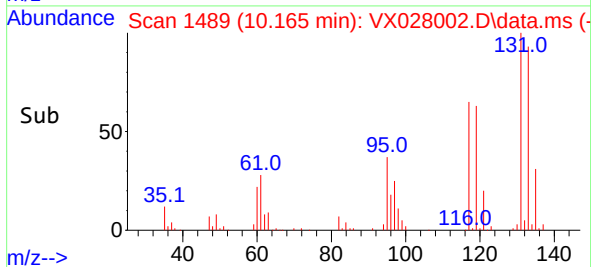
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

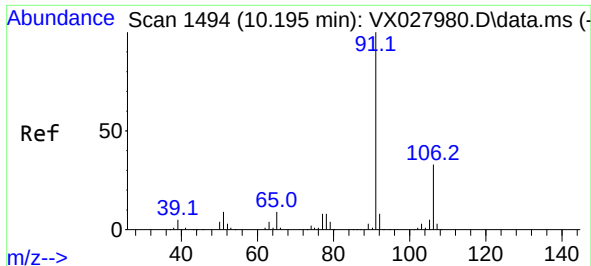


#66
1,1,1,2-Tetrachloroethane
Concen: 45.423 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



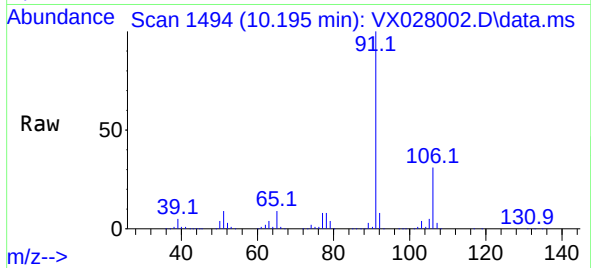
Tgt Ion:131 Resp: 45346
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.8
119 64.3 32.6 98.0





#67
Ethyl Benzene
Concen: 48.346 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

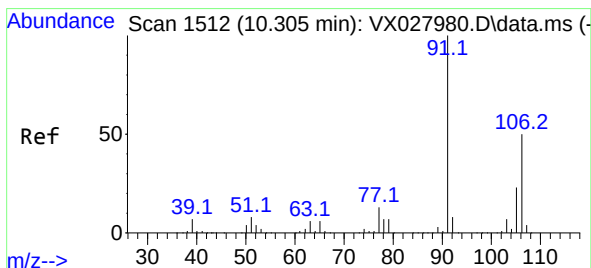
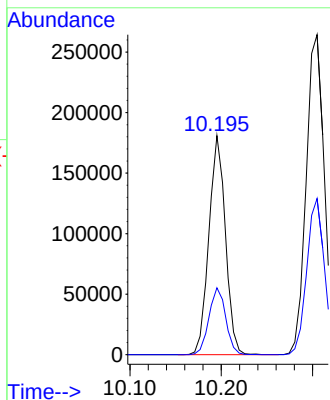
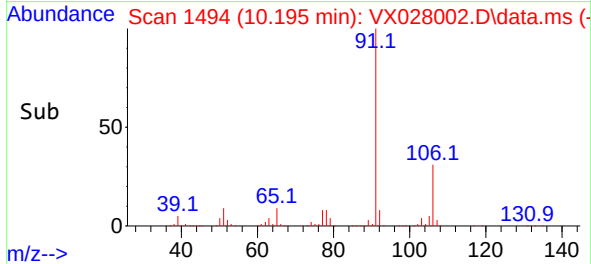
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



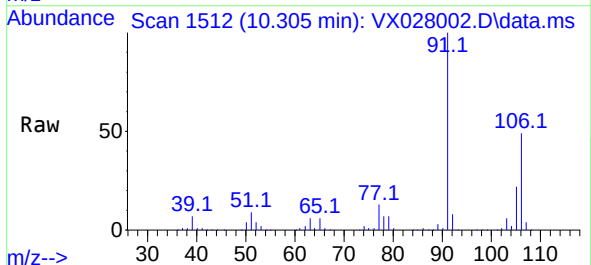
Tgt Ion: 91 Resp: 226760
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

Manual Integrations
APPROVED

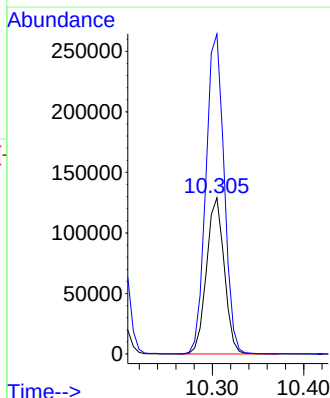
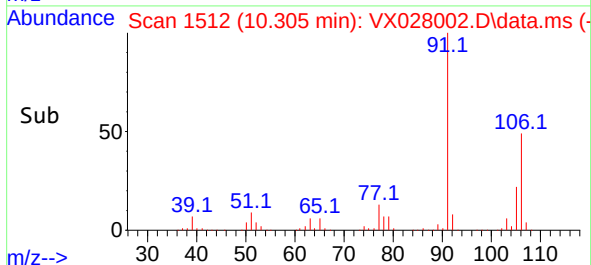
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

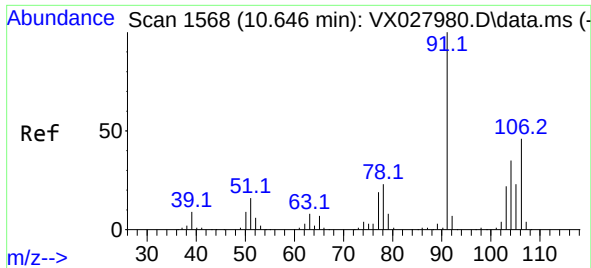


#68
m/p-Xylenes
Concen: 94.172 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion:106 Resp: 173591
Ion Ratio Lower Upper
106 100
91 210.3 160.4 240.6





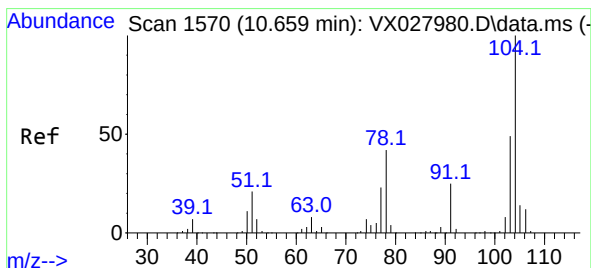
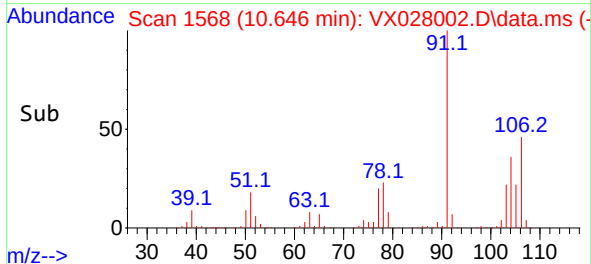
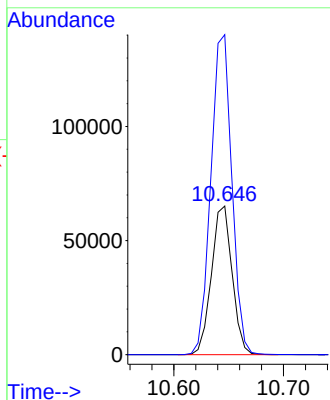
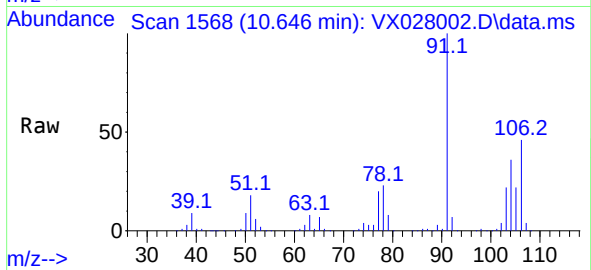
#69
o-Xylene
Concen: 47.895 ug/l
RT: 10.646 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 85434
Ion Ratio Lower Upper
106 100
91 218.4 106.1 318.1

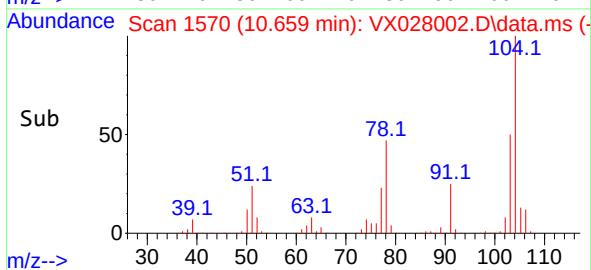
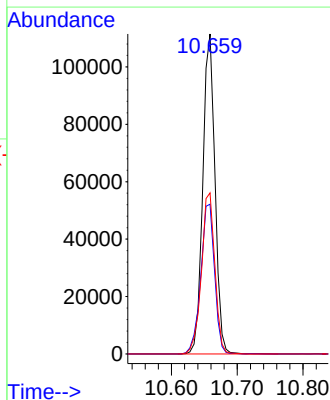
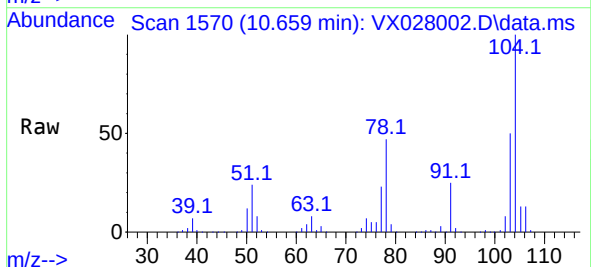
Manual Integrations
APPROVED

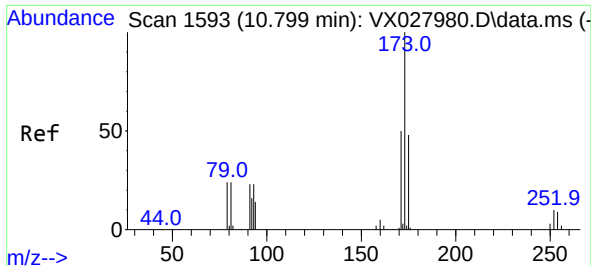
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#70
Styrene
Concen: 48.295 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

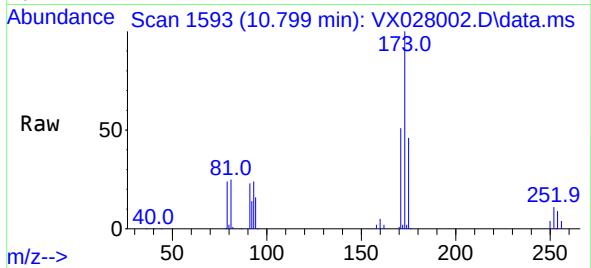
Tgt Ion:104 Resp: 143770
Ion Ratio Lower Upper
104 100
78 53.0 38.6 57.8
103 55.4 43.8 65.8





#71
Bromoform
Concen: 43.610 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

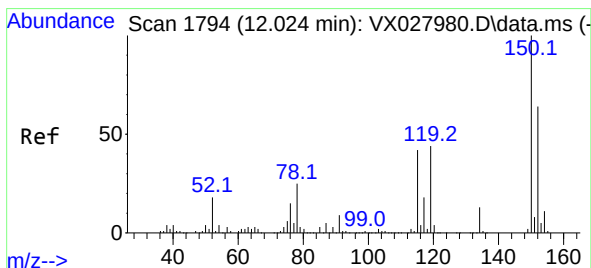
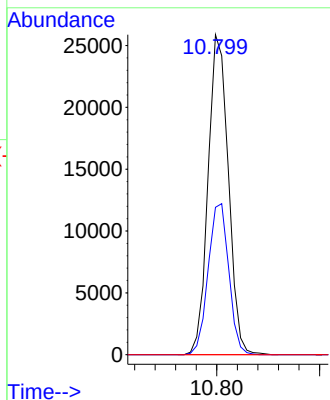
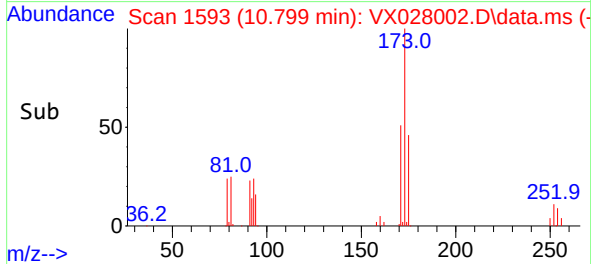
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



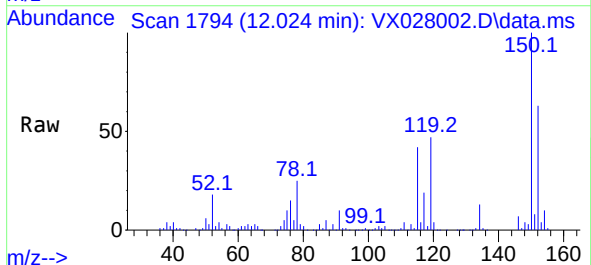
Tgt Ion:173 Resp: 35400
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

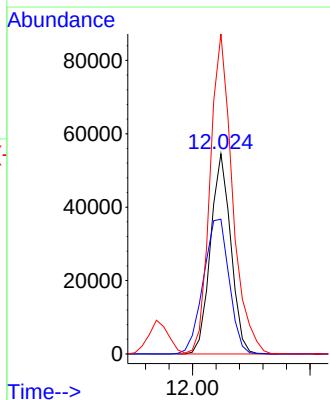
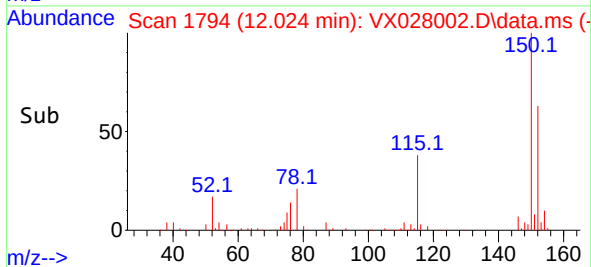
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

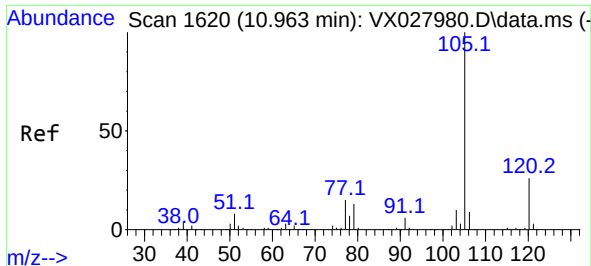


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion:152 Resp: 65474
Ion Ratio Lower Upper
152 100
115 85.4 37.5 112.7
150 176.3 0.0 338.2





#73
Isopropylbenzene
Concen: 49.317 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

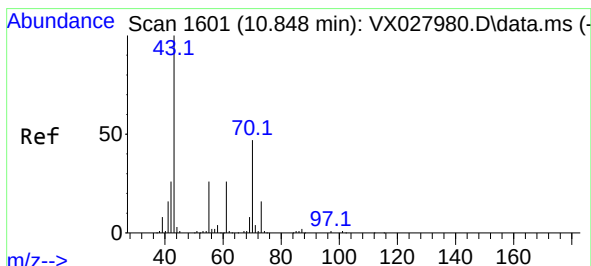
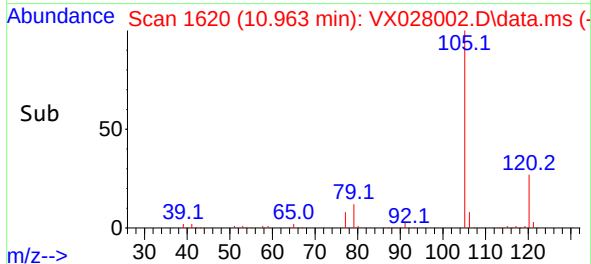
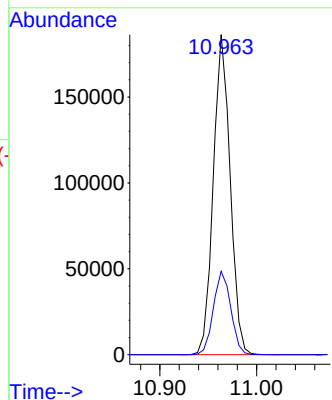
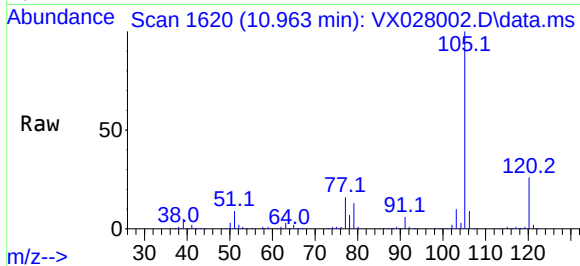
VSTDCCC050EC

Tgt Ion:105 Resp: 225410
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5

Manual Integrations

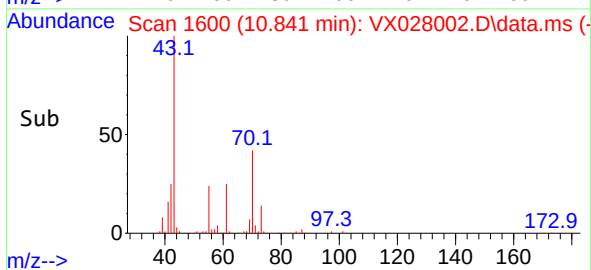
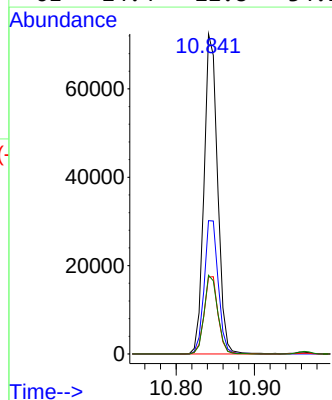
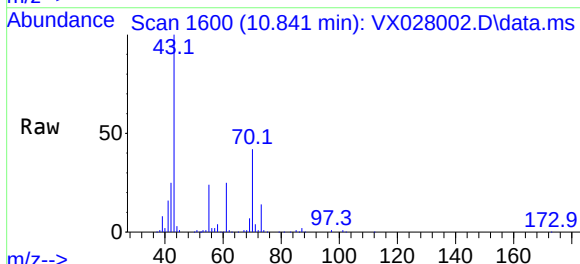
APPROVED

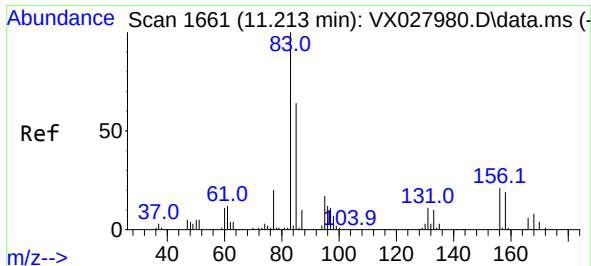
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#74
N-ethyl acetate
Concen: 54.636 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

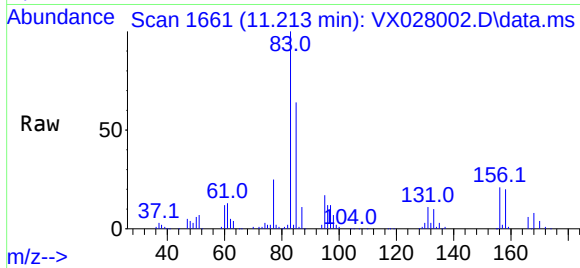
Tgt Ion: 43 Resp: 87046
Ion Ratio Lower Upper
43 100
70 42.9 42.5 63.7
55 24.7 23.1 34.7
61 24.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.659 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

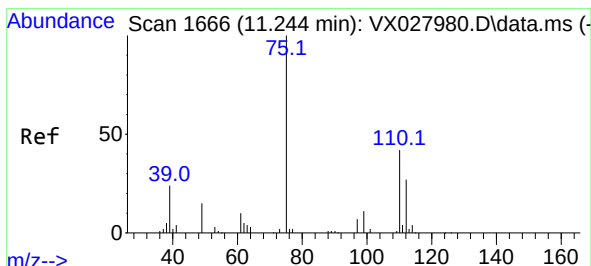
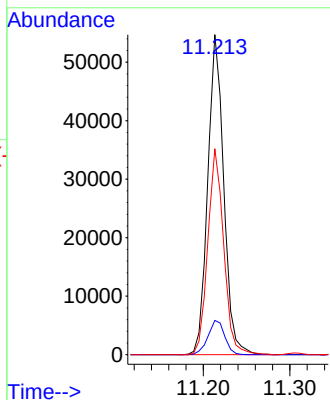
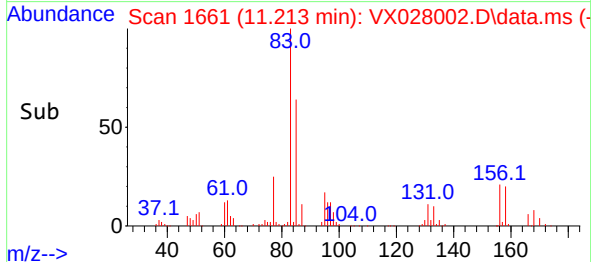
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



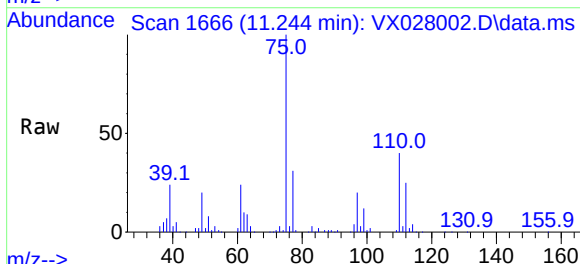
Tgt Ion: 83 Resp: 7018
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 63.9 32.6 97.7

Manual Integrations
APPROVED

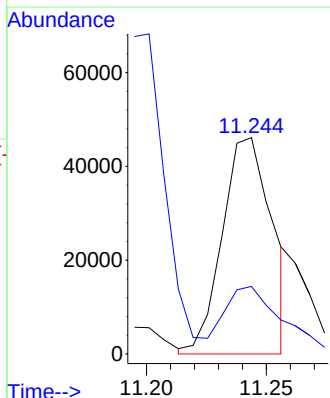
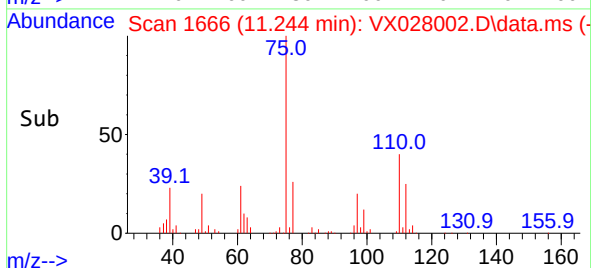
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

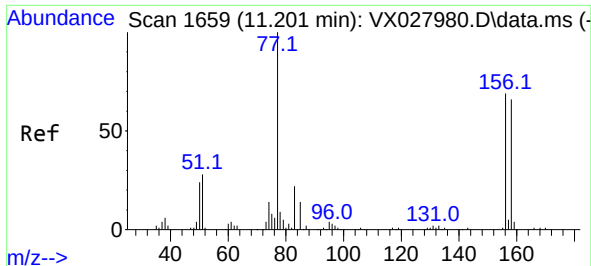


#76
1,2,3-Trichloropropane
Concen: 49.546 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



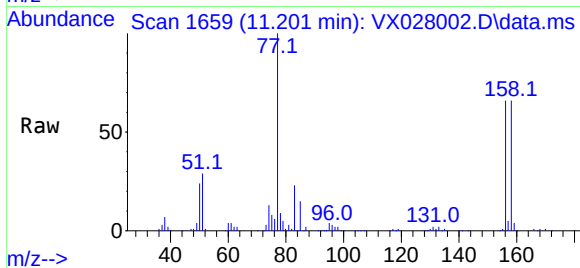
Tgt Ion: 75 Resp: 66604
Ion Ratio Lower Upper
75 100
77 36.2 19.4 58.2





#77
Bromobenzene
Concen: 46.529 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

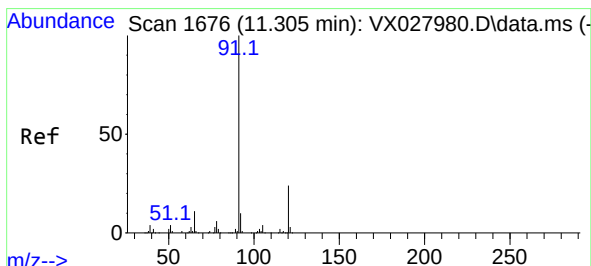
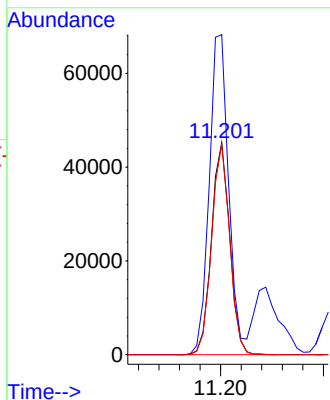
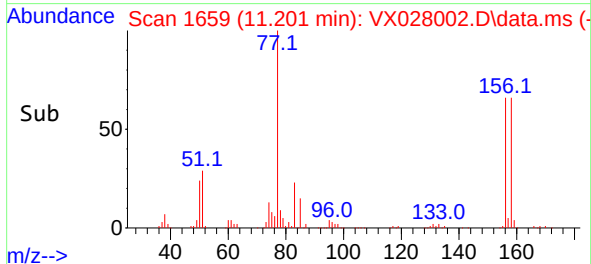
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



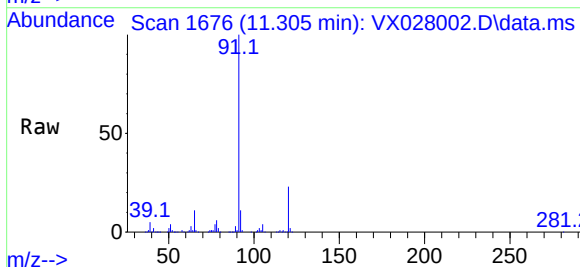
Tgt Ion:156 Resp: 55732
Ion Ratio Lower Upper
156 100
77 160.6 78.5 235.3
158 97.5 50.2 150.7

Manual Integrations
APPROVED

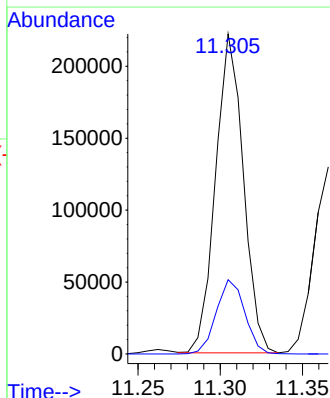
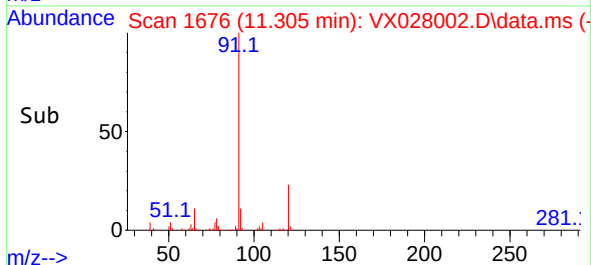
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

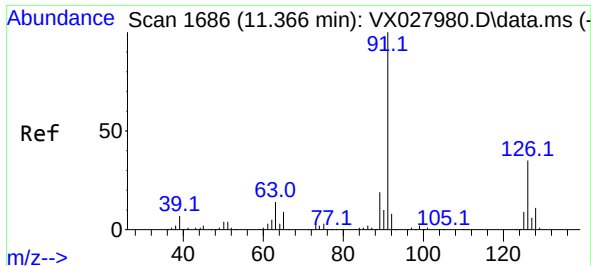


#78
n-propylbenzene
Concen: 49.880 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion: 91 Resp: 260037
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8





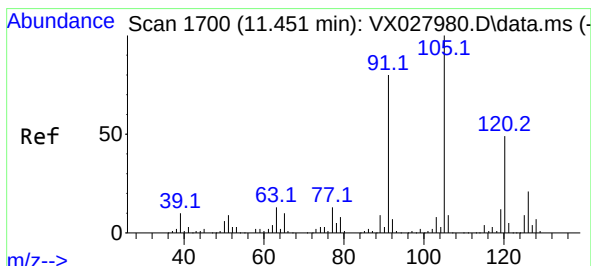
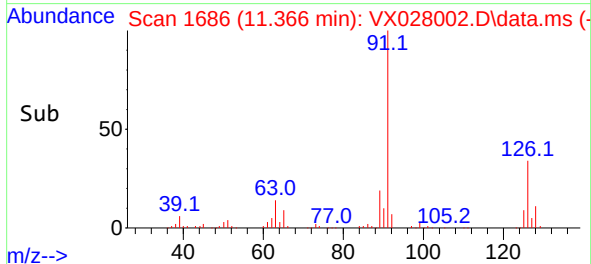
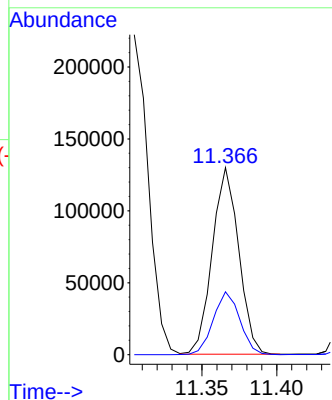
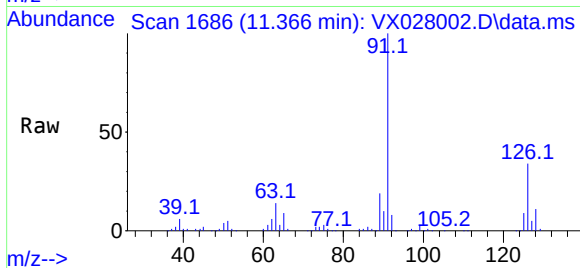
#79
2-Chlorotoluene
Concen: 48.728 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 159679
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9

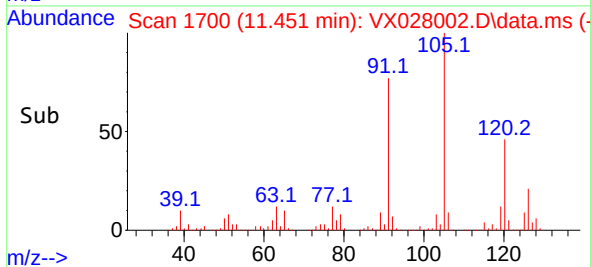
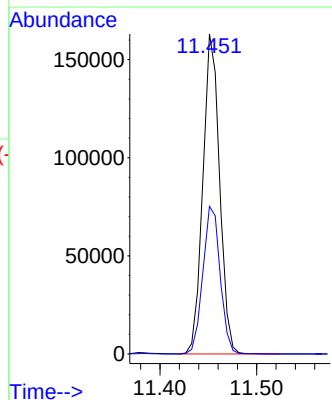
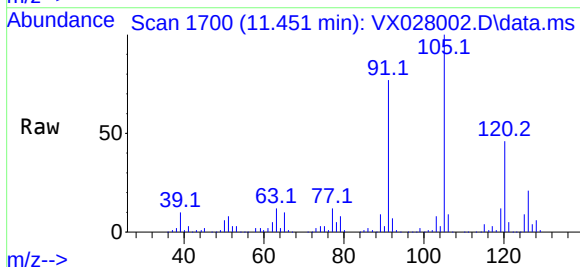
Manual Integrations
APPROVED

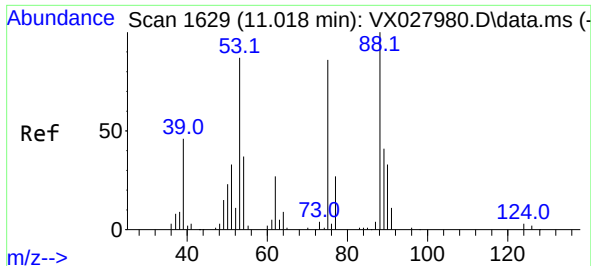
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.954 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Tgt Ion:105 Resp: 196235
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





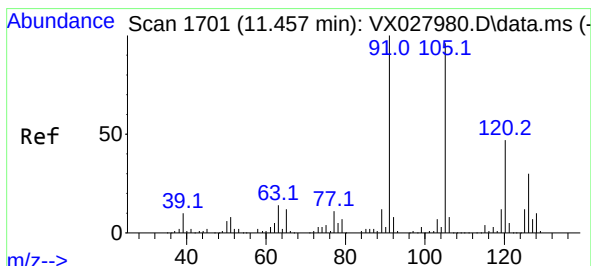
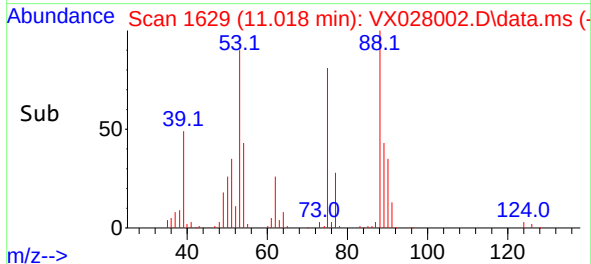
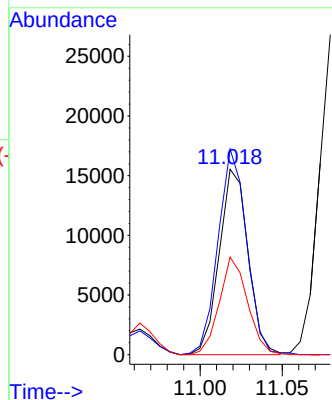
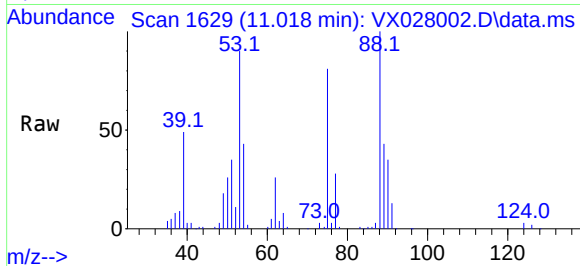
#81
trans-1,4-Dichloro-2-butene
Concen: 44.551 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1899
Ion Ratio Lower Upper
75 100
53 109.6 69.0 103.4
89 51.4 37.0 55.6

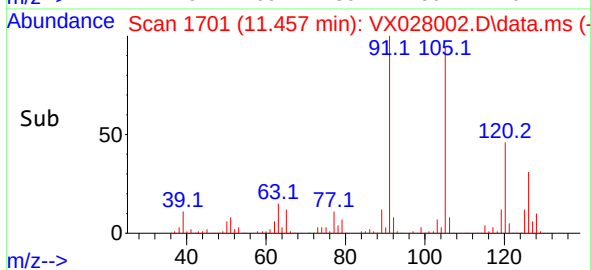
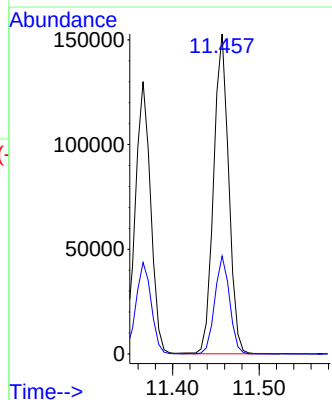
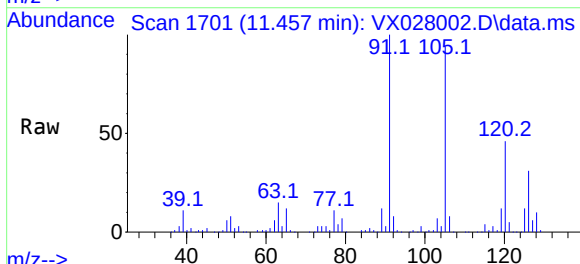
Manual Integrations
APPROVED

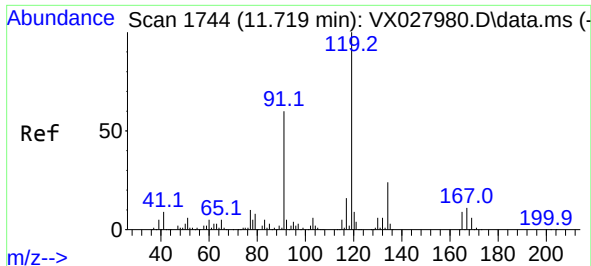
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#82
4-Chlorotoluene
Concen: 49.354 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

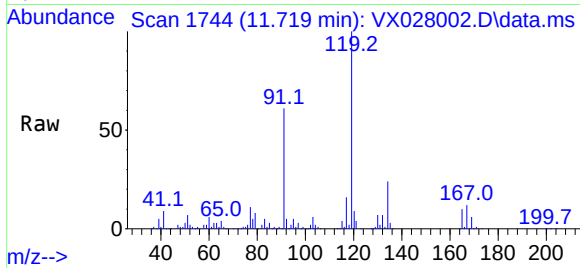
Tgt Ion: 91 Resp: 184749
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 47.314 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

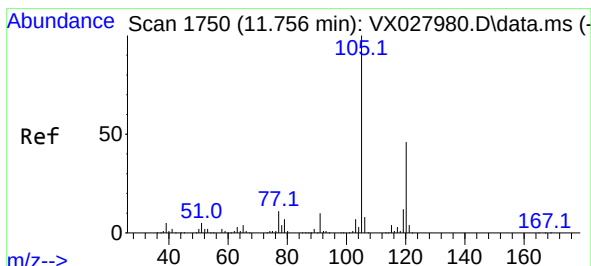
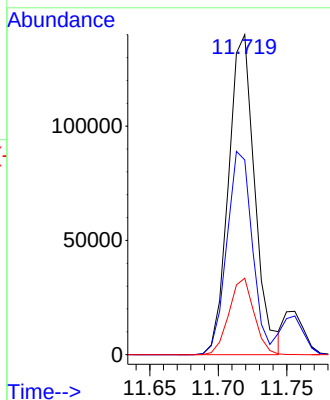
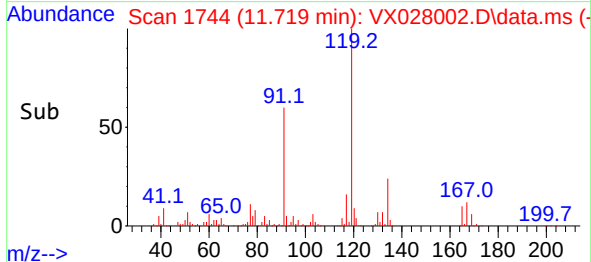
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



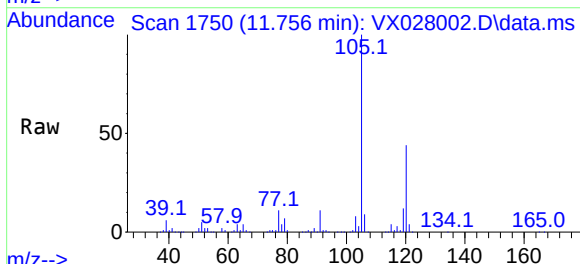
Tgt Ion:119 Resp: 18705
Ion Ratio Lower Upper
119 100
91 61.6 26.9 80.6
134 22.8 11.4 34.2

Manual Integrations
APPROVED

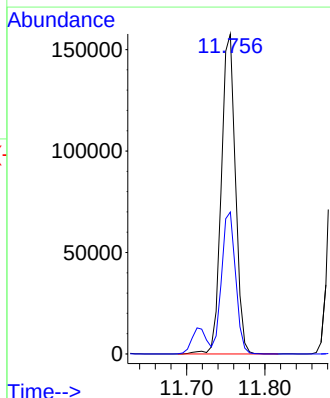
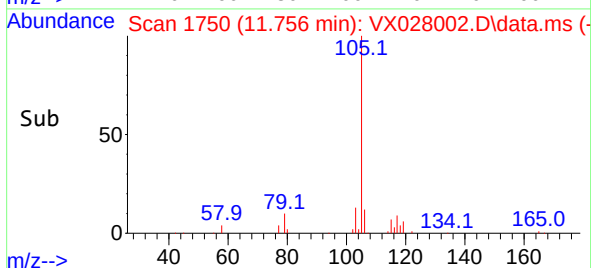
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

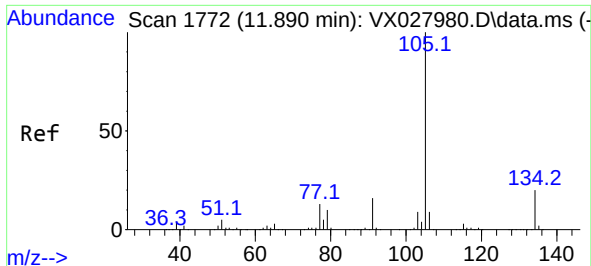


#84
1,2,4-Trimethylbenzene
Concen: 49.795 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion:105 Resp: 198073
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 48.088 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028002.D
 Acq: 06 Apr 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

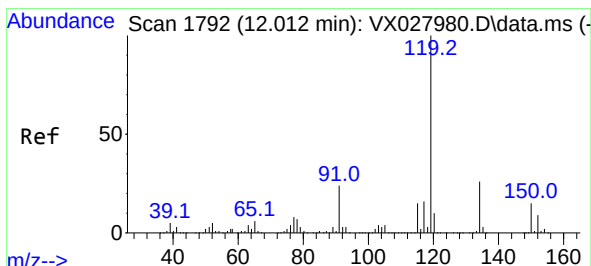
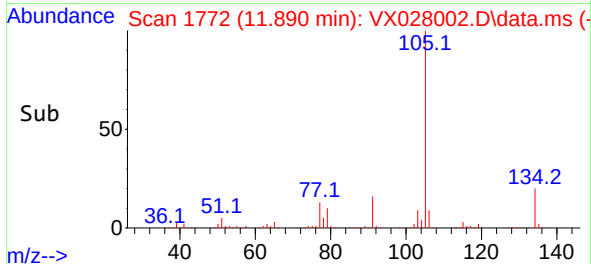
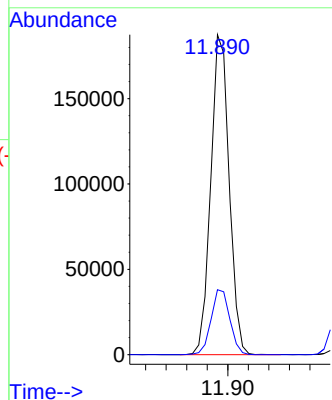
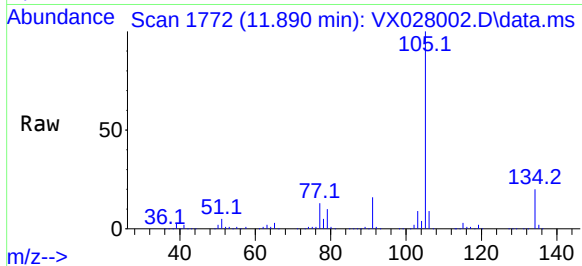
VSTDCCC050EC

Tgt Ion:105 Resp: 23248
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

Manual Integrations

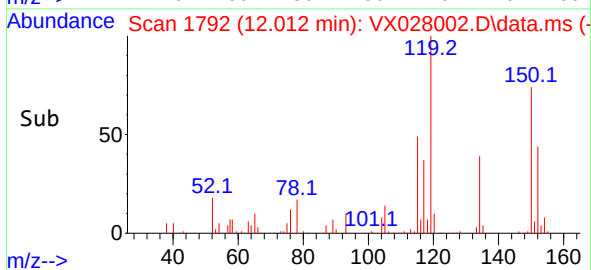
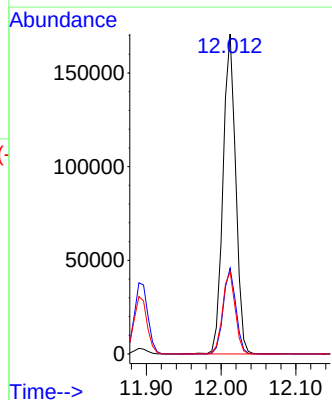
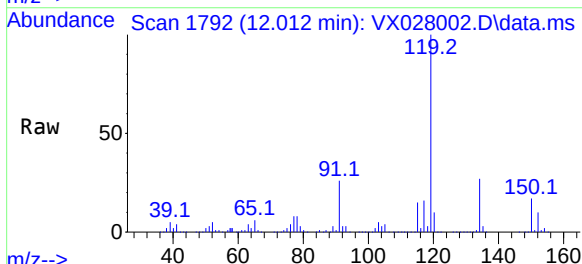
APPROVED

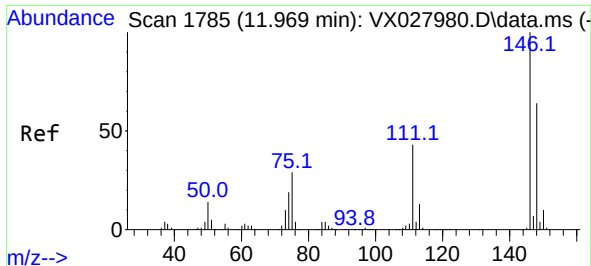
Reviewed By :John Carlone 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022



#86
 p-Isopropyltoluene
 Concen: 48.884 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028002.D
 Acq: 06 Apr 2022 17:27

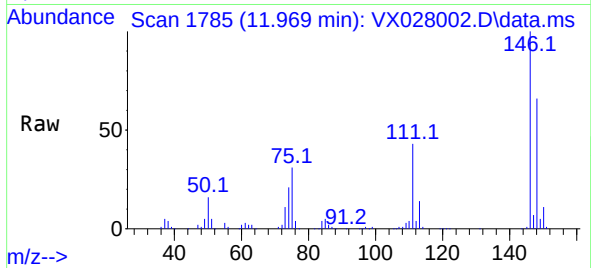
Tgt Ion:119 Resp: 200846
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 25.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 46.835 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

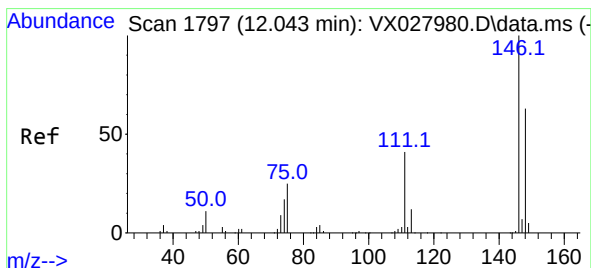
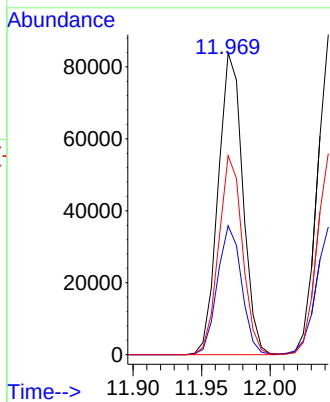
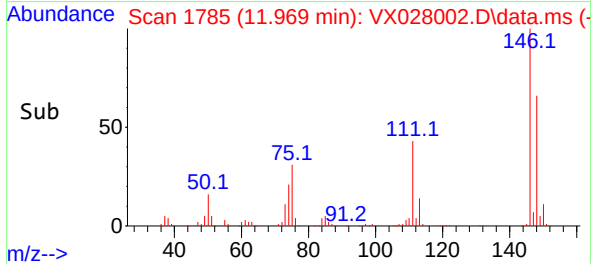
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



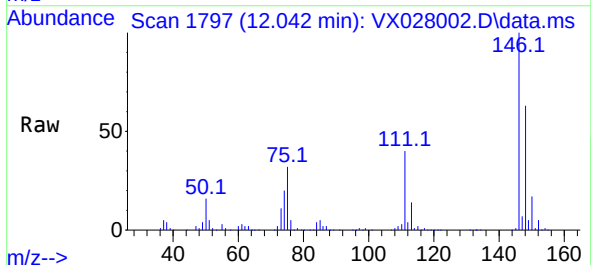
Tgt Ion:146 Resp: 104720
Ion Ratio Lower Upper
146 100
111 42.1 19.7 59.1
148 63.8 31.6 94.7

Manual Integrations
APPROVED

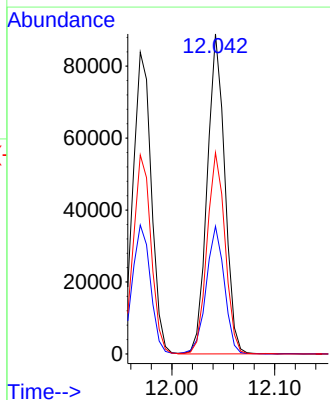
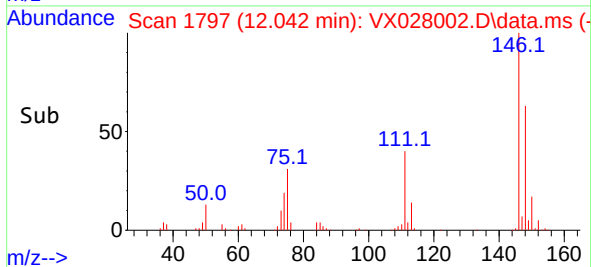
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

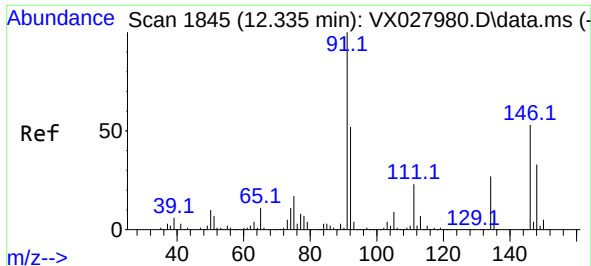


#88
1,4-Dichlorobenzene
Concen: 46.793 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



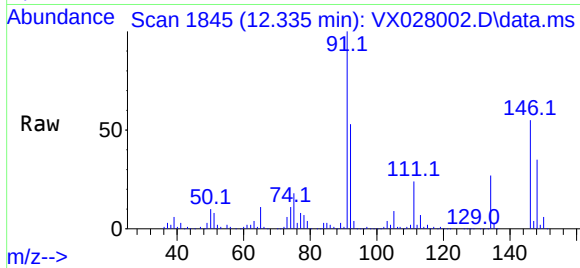
Tgt Ion:146 Resp: 105522
Ion Ratio Lower Upper
146 100
111 41.2 19.2 57.6
148 64.7 32.3 96.9





#89
n-Butylbenzene
Concen: 49.014 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

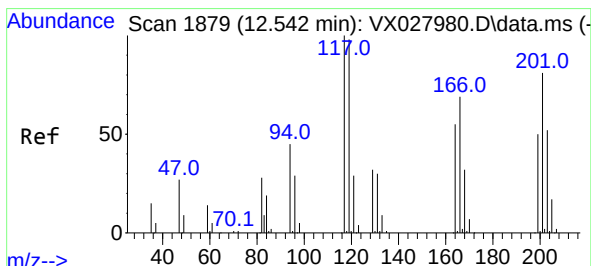
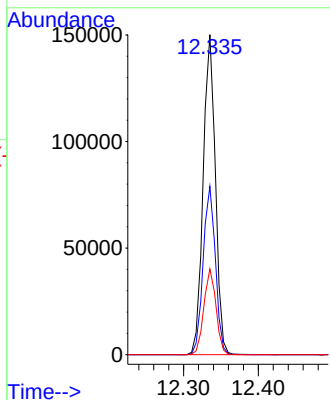
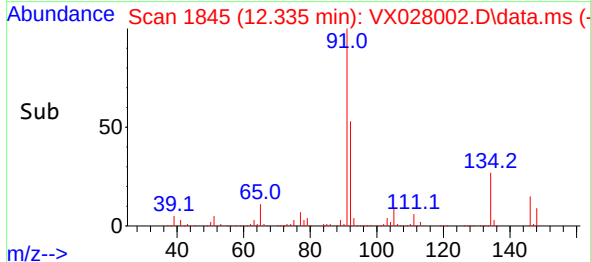
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



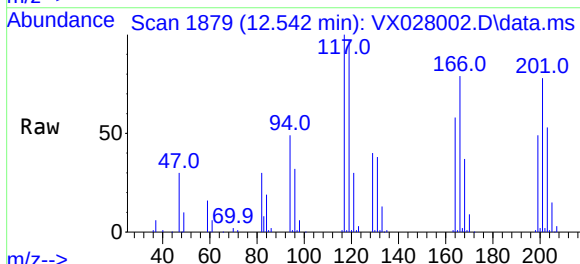
Tgt Ion: 91 Resp: 170460
Ion Ratio Lower Upper
91 100
92 52.9 27.8 83.3
134 26.5 13.3 39.8

Manual Integrations
APPROVED

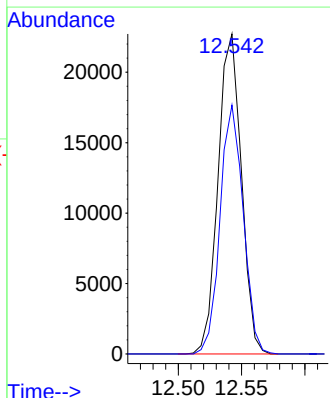
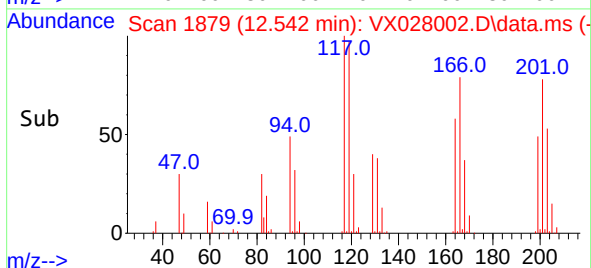
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

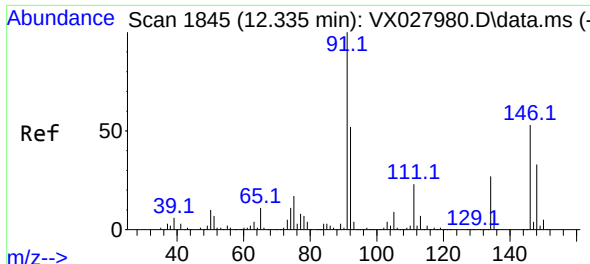


#90
Hexachloroethane
Concen: 44.461 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



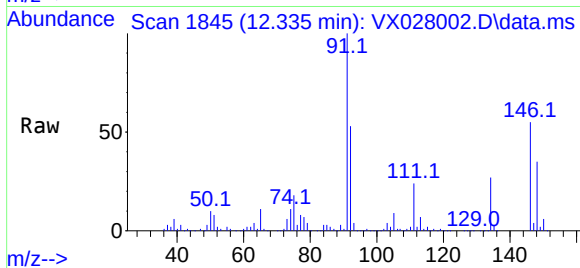
Tgt Ion:117 Resp: 29093
Ion Ratio Lower Upper
117 100
201 77.1 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 47.194 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

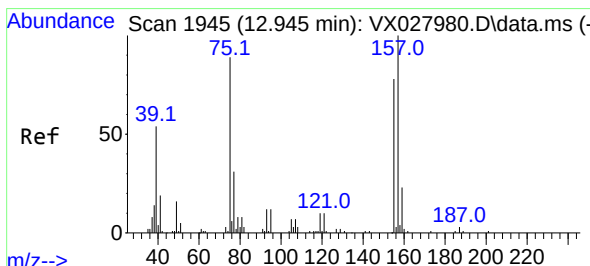
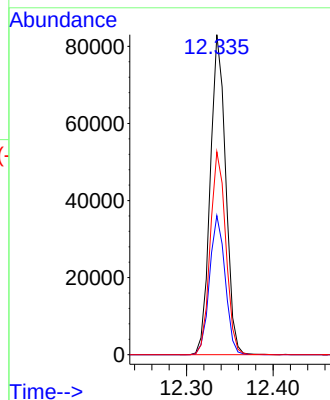
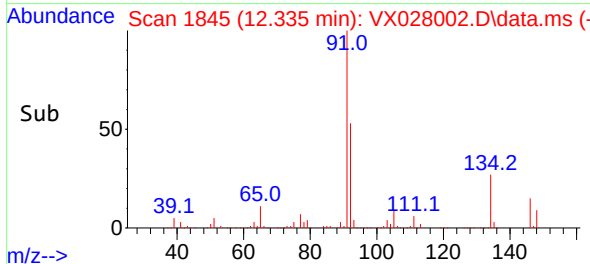
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



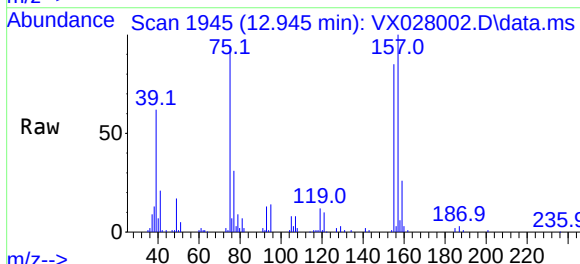
Tgt Ion:146 Resp: 102698
Ion Ratio Lower Upper
146 100
111 43.8 21.0 63.0
148 63.8 32.6 97.7

Manual Integrations
APPROVED

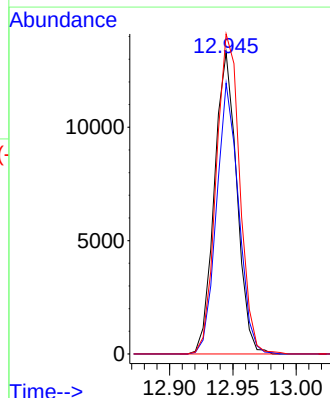
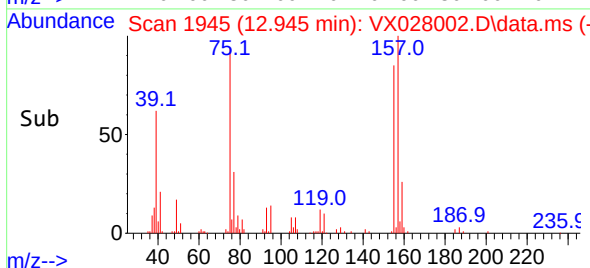
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

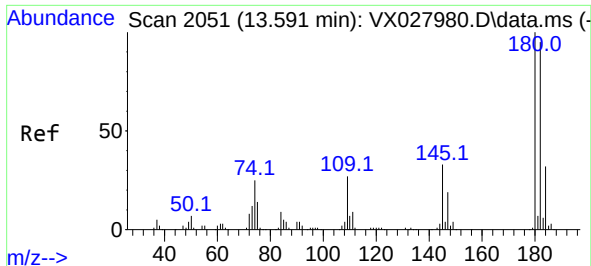


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.471 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



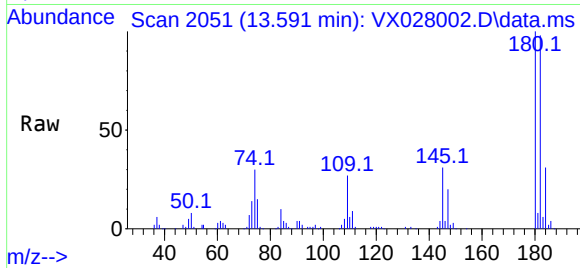
Tgt Ion: 75 Resp: 16377
Ion Ratio Lower Upper
75 100
155 88.2 47.0 141.2
157 111.5 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 45.459 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

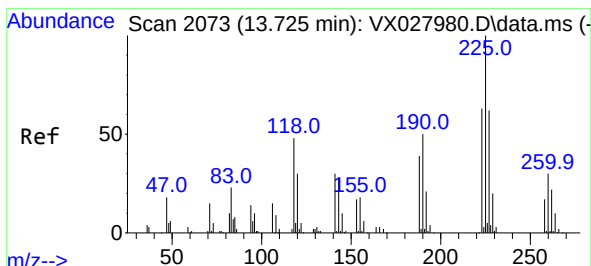
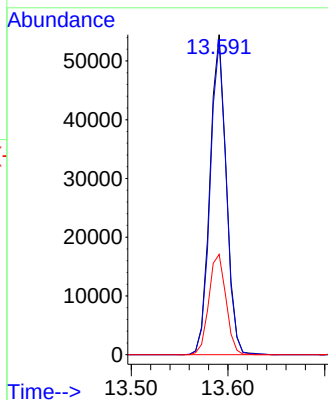
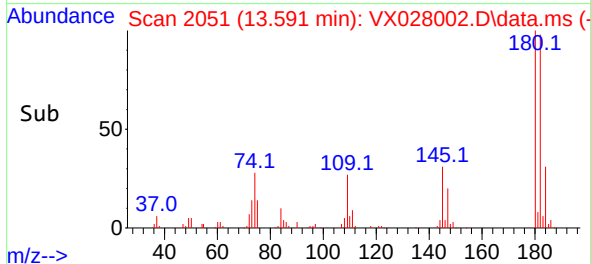
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



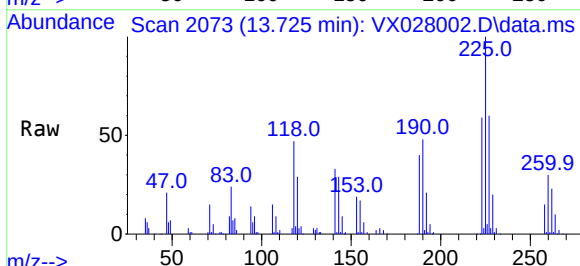
Tgt Ion:180 Resp: 64084
Ion Ratio Lower Upper
180 100
182 96.4 47.7 143.1
145 32.7 15.2 45.5

Manual Integrations
APPROVED

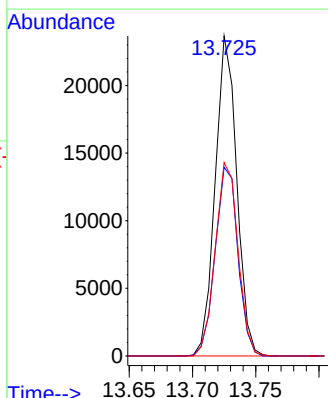
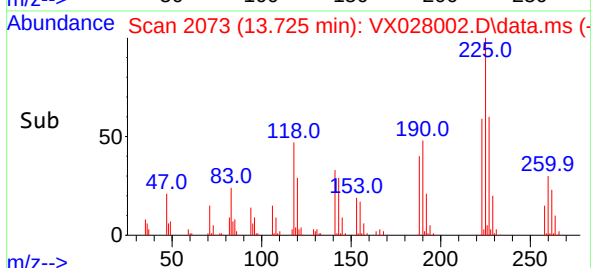
Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

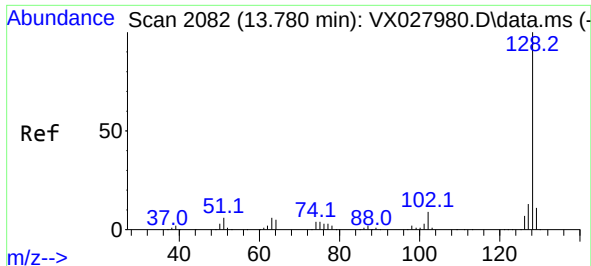


#94
Hexachlorobutadiene
Concen: 41.485 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



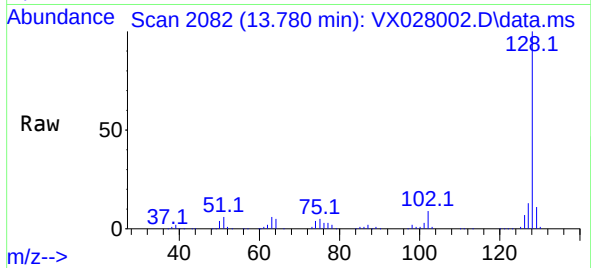
Tgt Ion:225 Resp: 27950
Ion Ratio Lower Upper
225 100
223 62.3 34.2 102.5
227 63.9 33.9 101.7





#95
Naphthalene
Concen: 48.227 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27

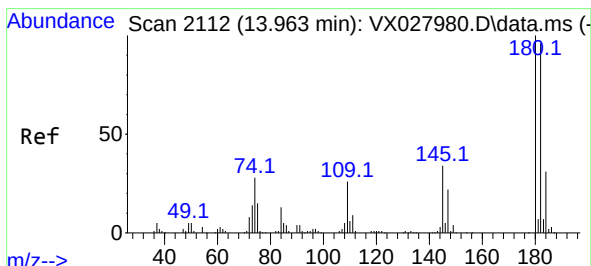
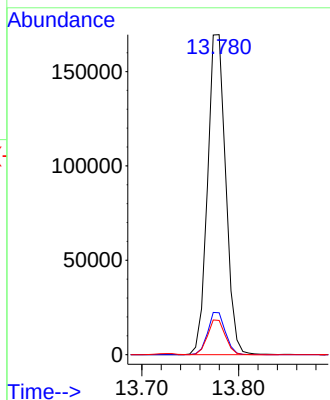
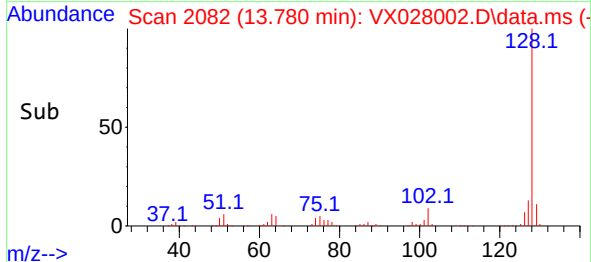
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



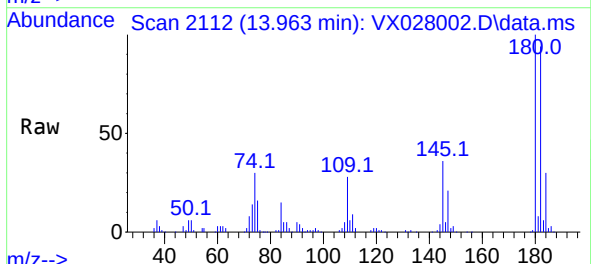
Tgt Ion:128 Resp: 221264
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.850 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028002.D
Acq: 06 Apr 2022 17:27



Tgt Ion:180 Resp: 63156
Ion Ratio Lower Upper
180 100
182 94.5 50.0 149.8
145 35.1 16.2 48.5

