

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040129.D
 Acq On : 05 Feb 2024 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 03:07:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73026	49.000	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.000%		
35) Dibromofluoromethane	5.385	113	56660	49.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.400%		
50) Toluene-d8	8.647	98	210309	49.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.660%		
62) 4-Bromofluorobenzene	11.079	95	79673	48.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58658	56.239	ug/l	99
3) Chloromethane	1.294	50	41759	42.217	ug/l	99
4) Vinyl Chloride	1.374	62	42068	45.985	ug/l	99
5) Bromomethane	1.599	94	46732	52.549	ug/l	99
6) Chloroethane	1.678	64	28161	46.629	ug/l	99
7) Trichlorofluoromethane	1.880	101	62788	43.138	ug/l	100
8) Diethyl Ether	2.136	74	25464	49.485	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	53060	48.858	ug/l	99
10) Methyl Iodide	2.447	142	61873	53.521	ug/l	94
11) Tert butyl alcohol	2.965	59	77466	286.470	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	52361	50.273	ug/l	86
13) Acrolein	2.239	56	58242	224.800	ug/l	100
14) Allyl chloride	2.660	41	96299	51.293	ug/l	98
15) Acrylonitrile	3.062	53	183304	270.605	ug/l	99
16) Acetone	2.380	43	153778	220.223	ug/l	94
17) Carbon Disulfide	2.508	76	132795	43.608	ug/l	99
18) Methyl Acetate	2.703	43	109868	66.416	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	187292	52.495	ug/l	100
20) Methylene Chloride	2.788	84	62327	50.226	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	55907	48.741	ug/l	92
22) Diisopropyl ether	3.763	45	189030	51.980	ug/l	90
23) Vinyl Acetate	3.721	43	846315	260.038	ug/l	99
24) 1,1-Dichloroethane	3.611	63	104941	50.385	ug/l	99
25) 2-Butanone	4.556	43	254823	262.519	ug/l	94
26) 2,2-Dichloropropane	4.477	77	70400	43.319	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	65513	51.188	ug/l	93
28) Bromochloromethane	4.897	49	50790	52.295	ug/l	95
29) Tetrahydrofuran	5.001	42	174750	283.138	ug/l	98
30) Chloroform	5.092	83	101215	45.256	ug/l	98
31) Cyclohexane	5.470	56	81993	43.922	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	92595	48.243	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77472	46.989	ug/l	98
37) Ethyl Acetate	4.715	43	98931	54.944	ug/l	99
38) Carbon Tetrachloride	5.678	117	75421	47.810	ug/l	99
39) Methylcyclohexane	7.379	83	77051	38.411	ug/l	96
40) Benzene	6.037	78	232958	48.513	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52572	57.573	ug/l	94
42) 1,2-Dichloroethane	6.086	62	89132	48.218	ug/l	98
43) Isopropyl Acetate	6.342	43	149947	52.808	ug/l	98
44) Trichloroethene	7.129	130	59678	47.226	ug/l	99
45) 1,2-Dichloropropane	7.427	63	62883	49.597	ug/l	98
46) Dibromomethane	7.580	93	44721	46.993	ug/l	99
47) Bromodichloromethane	7.824	83	83564	49.302	ug/l	96
48) Methyl methacrylate	7.690	41	78649	56.228	ug/l	94
49) 1,4-Dioxane	7.659	88	33220	1092.933	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	539146	278.153	ug/l	99
52) Toluene	8.720	92	145682	48.674	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	87411	49.725	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	95032	50.663	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	62642	50.563	ug/l	96
56) Ethyl methacrylate	9.116	69	100672	55.647	ug/l	97
57) 1,3-Dichloropropane	9.305	76	102051	50.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	261580	287.534	ug/l	98
59) 2-Hexanone	9.427	43	422868	273.622	ug/l	100
60) Dibromochloromethane	9.519	129	63027	50.631	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67139	50.127	ug/l	99
64) Tetrachloroethene	9.275	164	46970	45.559	ug/l	97
65) Chlorobenzene	10.079	112	160229	48.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56212	50.824	ug/l	98
67) Ethyl Benzene	10.195	91	289577	49.280	ug/l	99
68) m/p-Xylenes	10.299	106	215331	97.407	ug/l	99
69) o-Xylene	10.640	106	105377	50.253	ug/l	99
70) Styrene	10.652	104	176461	49.930	ug/l	98
71) Bromoform	10.799	173	42053	47.016	ug/l #	98
73) Isopropylbenzene	10.963	105	262074	48.199	ug/l	99
74) N-amyl acetate	10.841	43	140563	54.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	102688	50.232	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82549m	51.193	ug/l	
77) Bromobenzene	11.195	156	63657	50.753	ug/l	99
78) n-propylbenzene	11.305	91	311528	46.559	ug/l	100
79) 2-Chlorotoluene	11.366	91	193641	48.072	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	222207	47.541	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24673	48.477	ug/l	97
82) 4-Chlorotoluene	11.457	91	225301	48.732	ug/l	98
83) tert-Butylbenzene	11.713	119	204200	45.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	222277	47.658	ug/l	99
85) sec-Butylbenzene	11.890	105	251751	42.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	206852	42.749	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119827	47.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	124259	47.974	ug/l	100
89) n-Butylbenzene	12.335	91	190136	40.484	ug/l	97
90) Hexachloroethane	12.536	117	31751	40.818	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	120219	49.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24283	52.403	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	67691	44.386	ug/l	97
94) Hexachlorobutadiene	13.725	225	20079	33.424	ug/l	97
95) Naphthalene	13.774	128	272050	52.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69042	45.788	ug/l	99

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

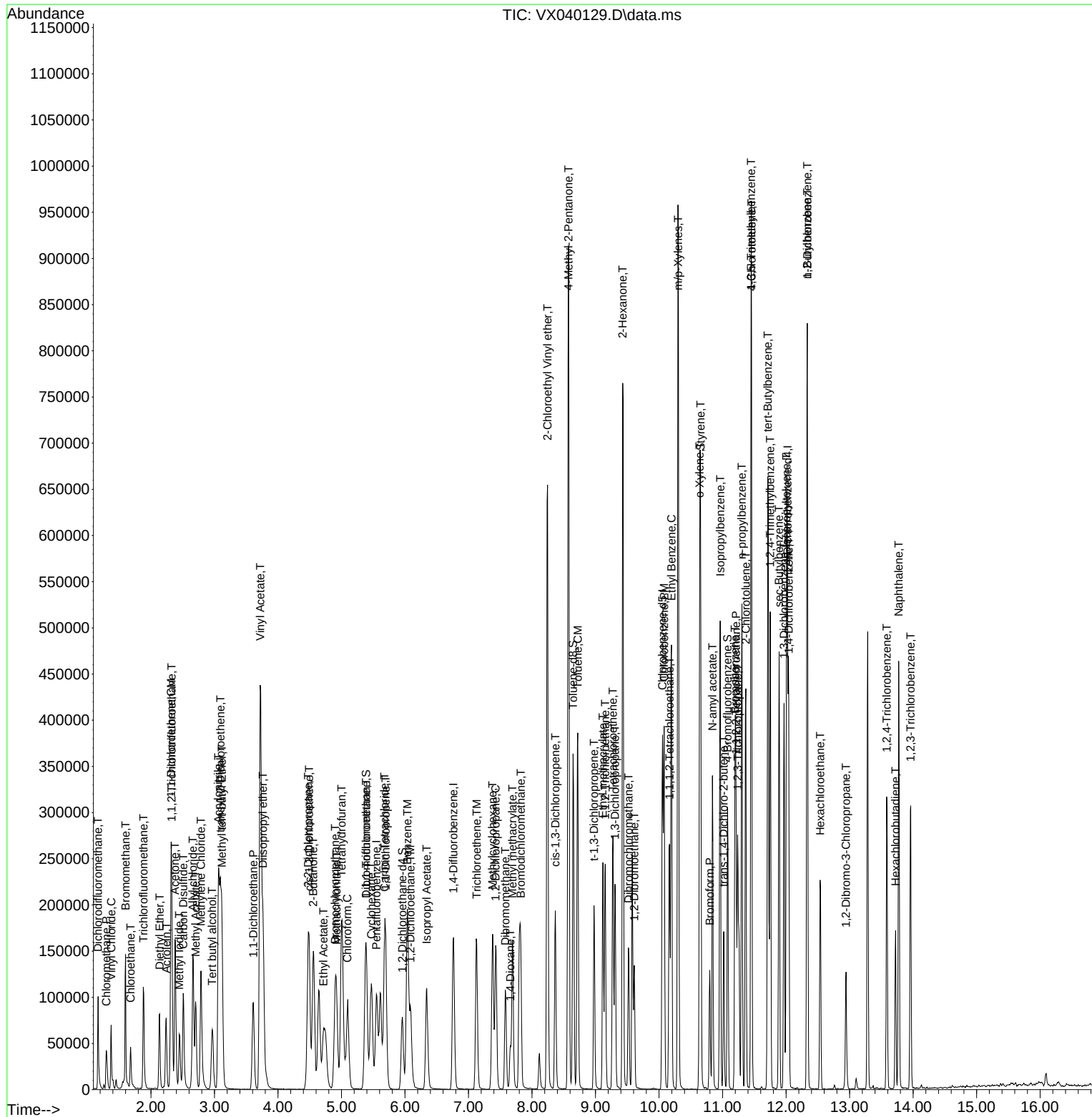
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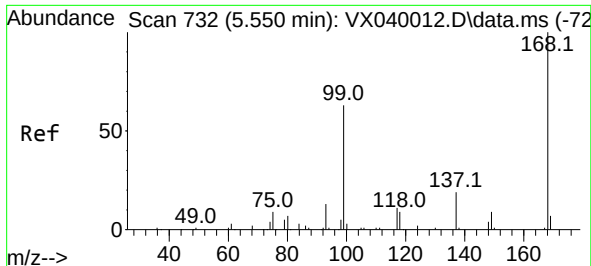
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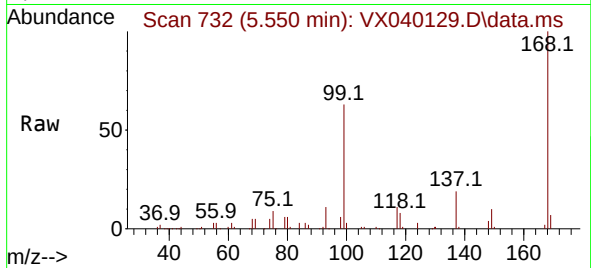
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040129.D
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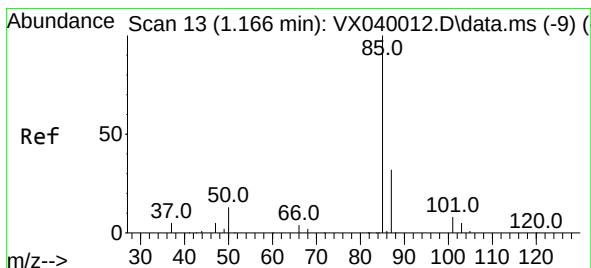
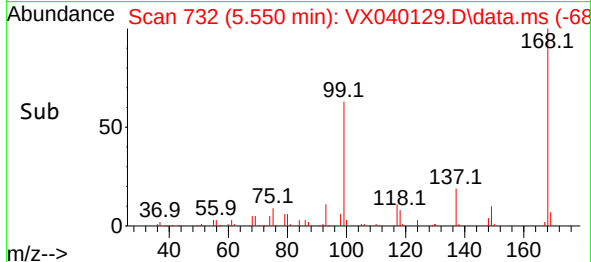
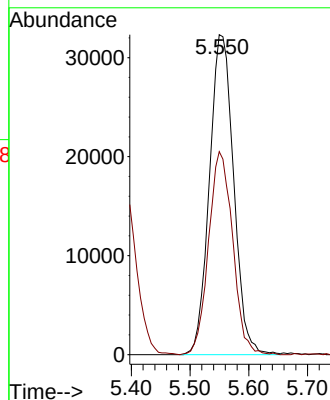
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 92602
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0

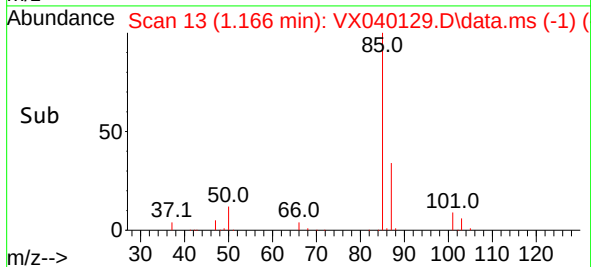
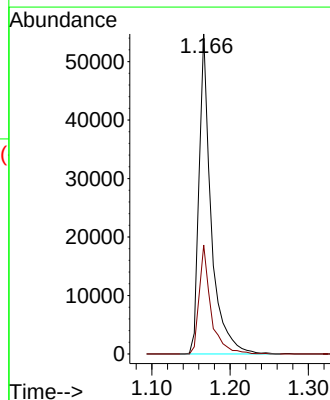
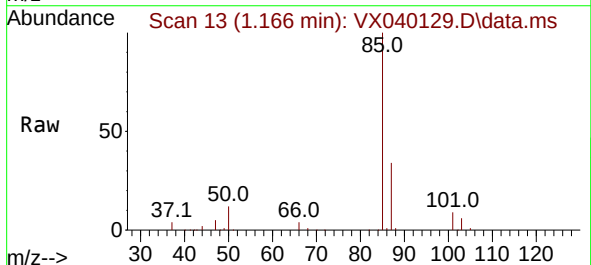
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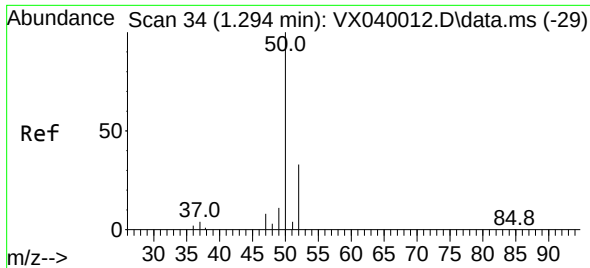
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#2
Dichlorodifluoromethane
Concen: 56.239 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

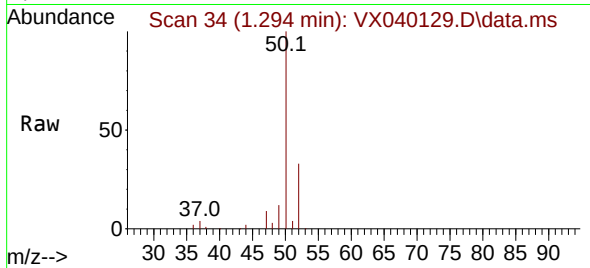
Tgt Ion: 85 Resp: 58658
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.1





#3
Chloromethane
Concen: 42.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

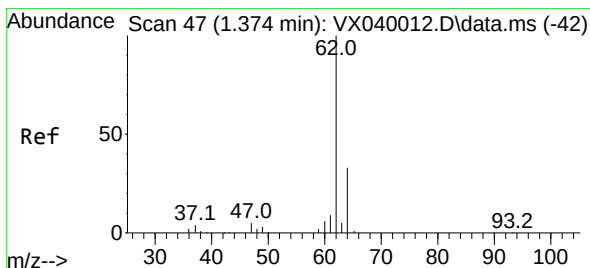
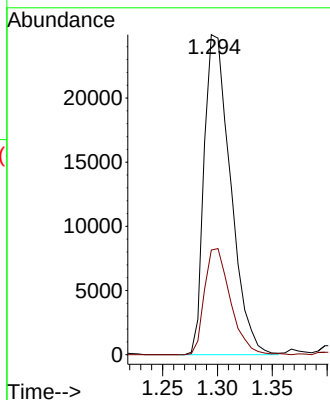
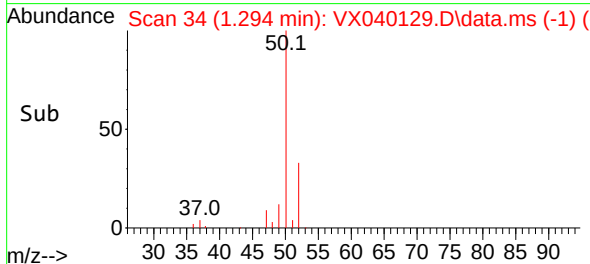
Instrument :
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Tgt Ion: 50 Resp: 41759
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

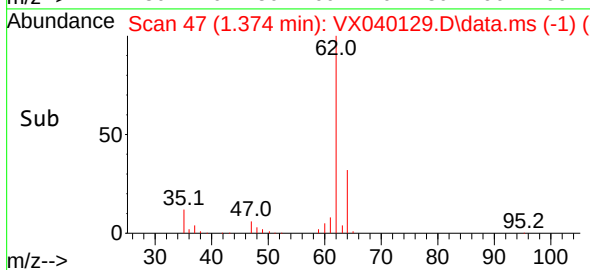
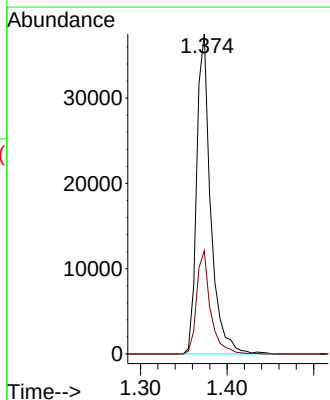
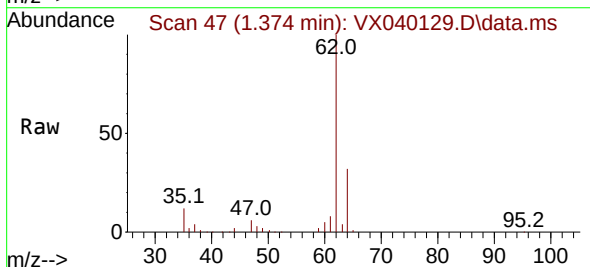
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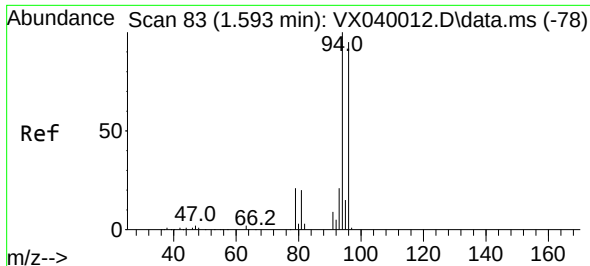
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#4
Vinyl Chloride
Concen: 45.985 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

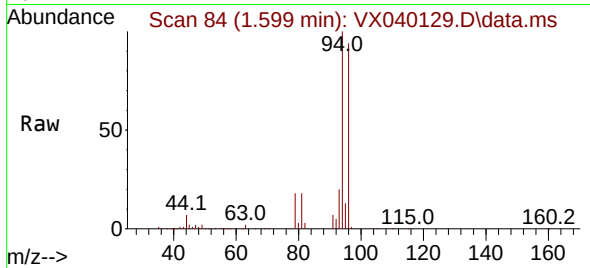
Tgt Ion: 62 Resp: 42068
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 52.549 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

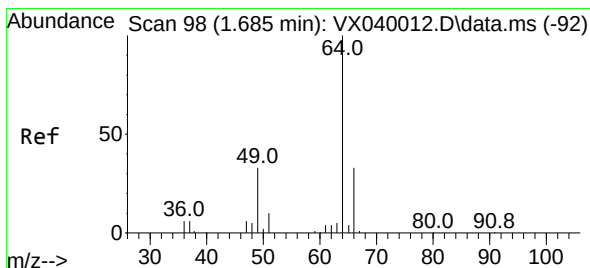
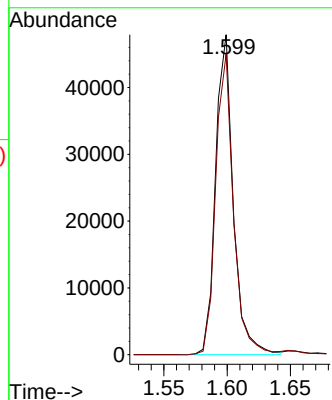
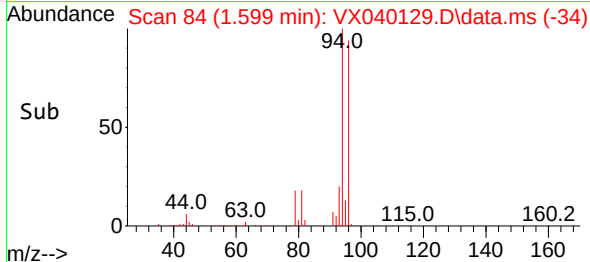
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Tgt Ion: 94 Resp: 46732
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8

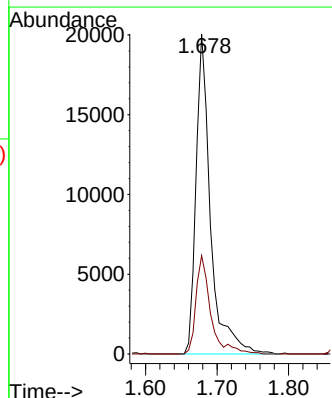
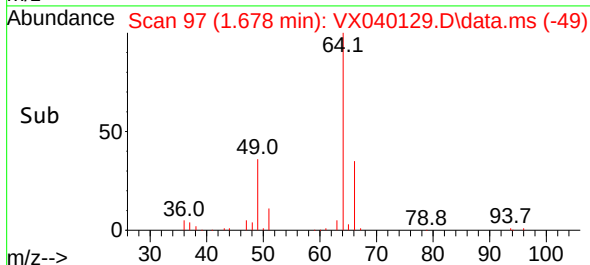
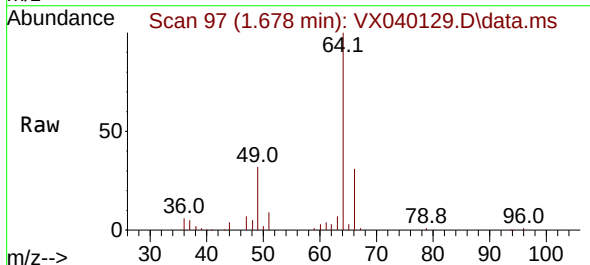
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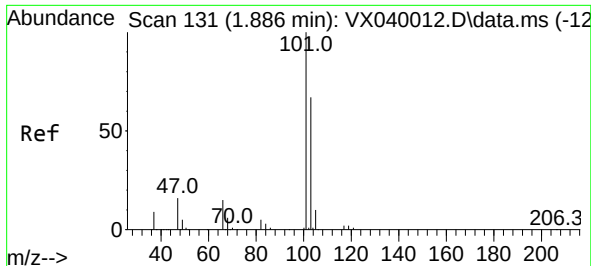
Reviewed By :John Carlone 02/06/2024
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#6
Chloroethane
Concen: 46.629 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 64 Resp: 28161
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7





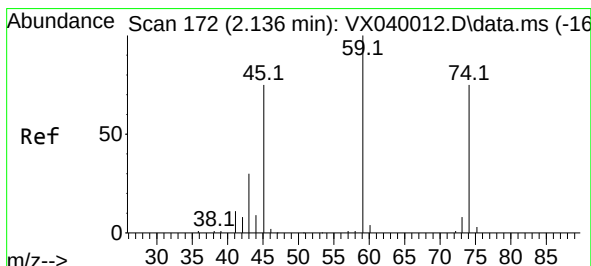
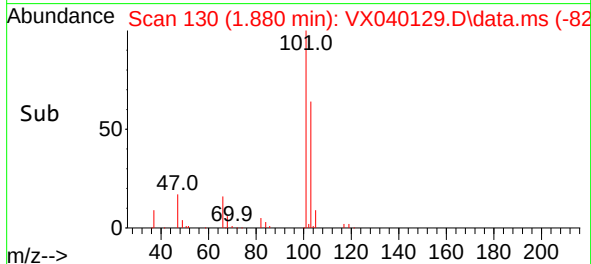
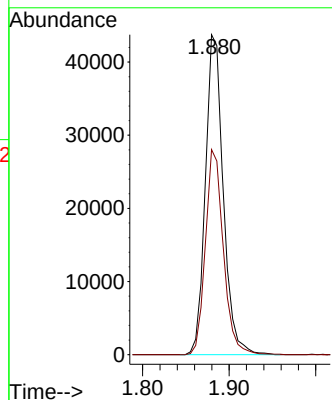
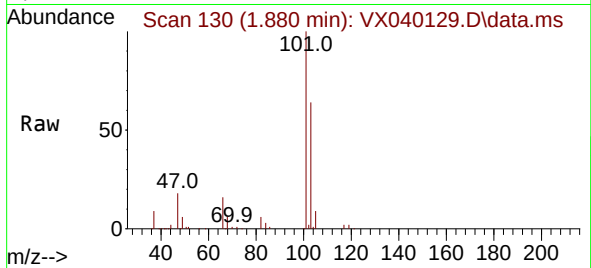
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Trichlorofluoromethane
Concen: 43.138 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 6278
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

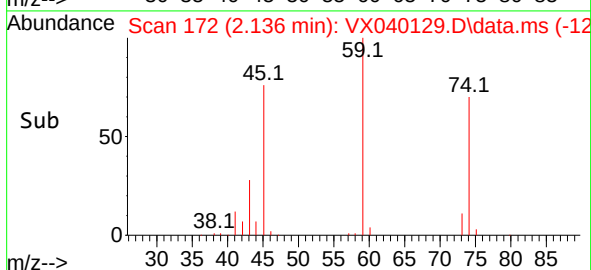
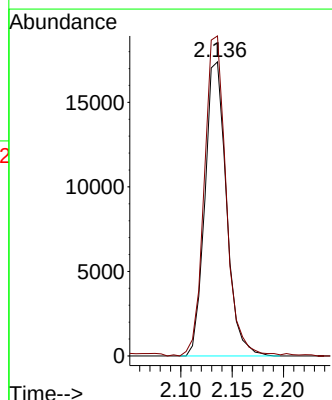
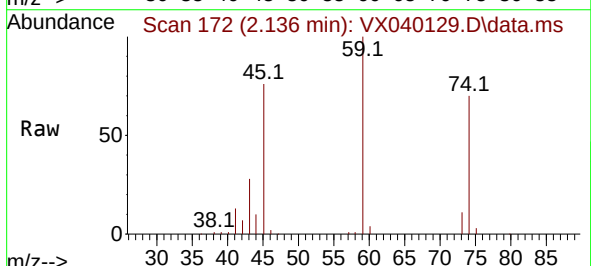
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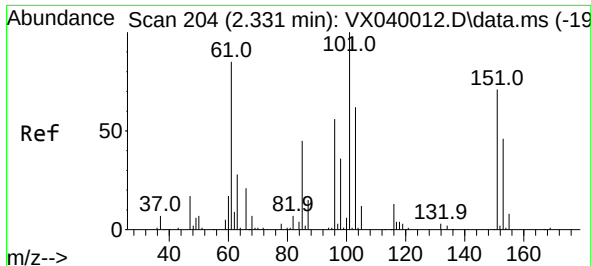
Reviewed By :John Carlone 02/06/2024
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#8
Diethyl Ether
Concen: 49.485 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 74 Resp: 25464
Ion Ratio Lower Upper
74 100
45 110.8 53.3 159.8





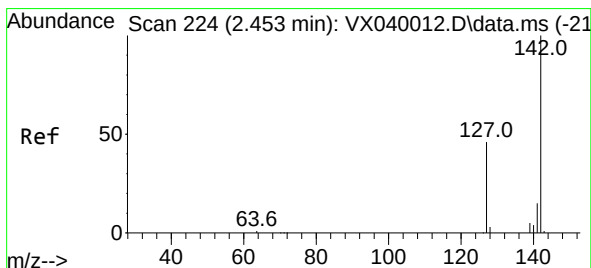
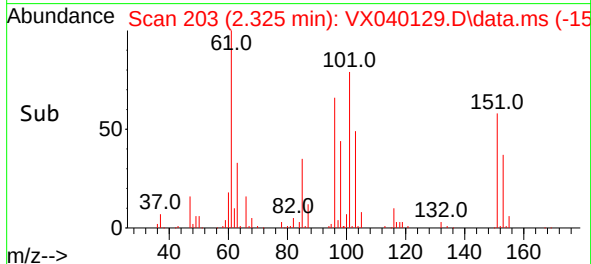
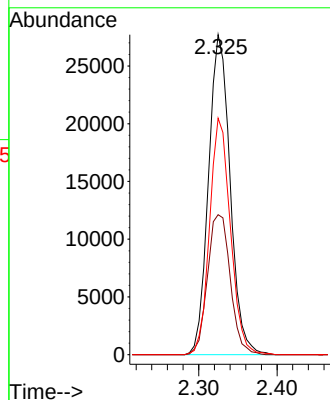
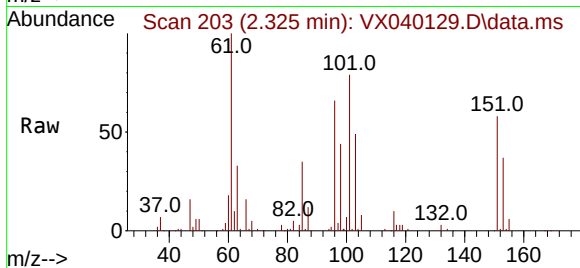
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.858 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 53060
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 71.4 58.6 87.8

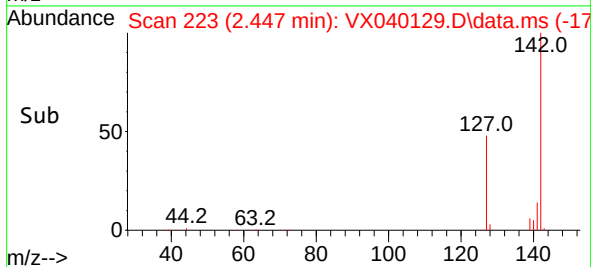
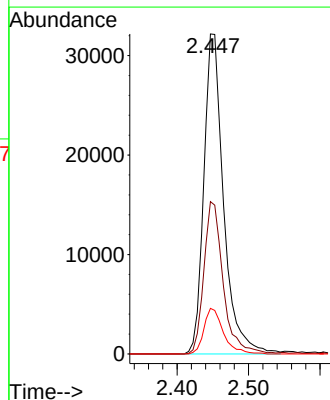
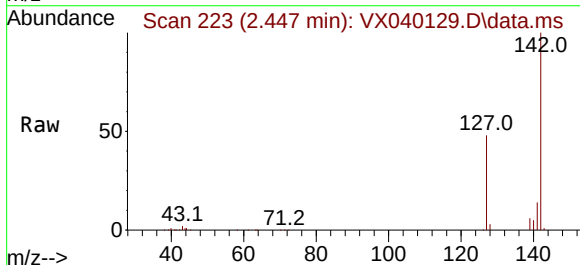
Manual Integrations
APPROVED

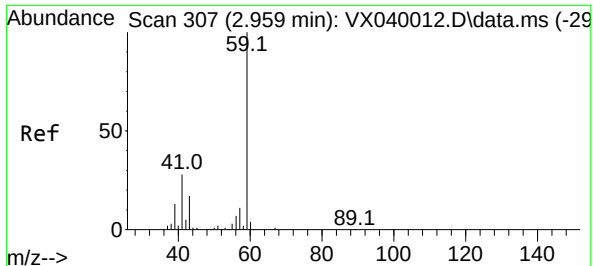
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#10
Methyl Iodide
Concen: 53.521 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion:142 Resp: 61873
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 286.470 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 7746

Ion Ratio Lower Upper

59 100

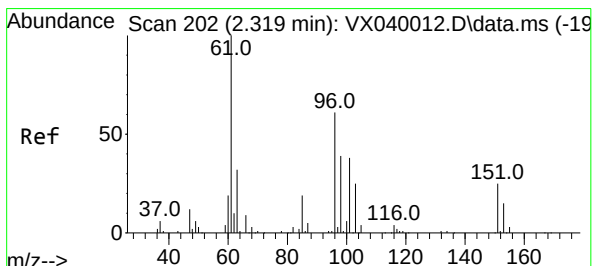
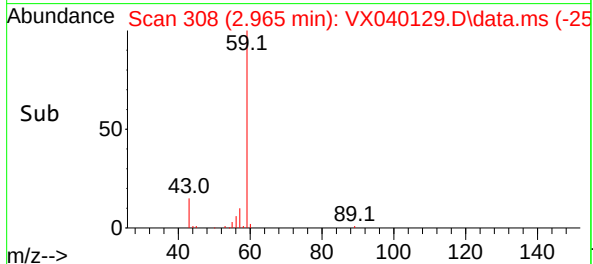
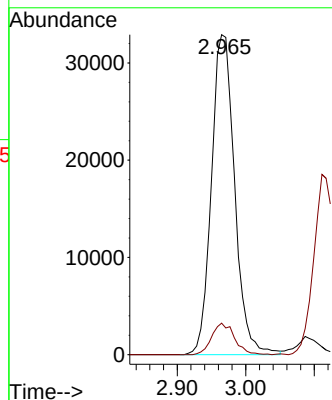
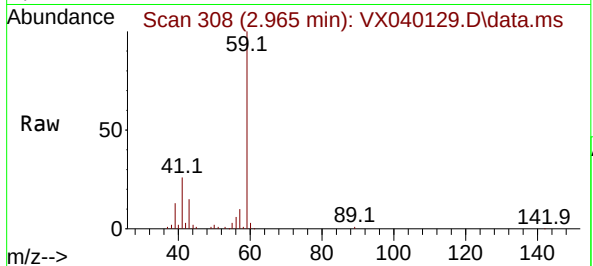
57 9.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#12

1,1-Dichloroethene

Concen: 50.273 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

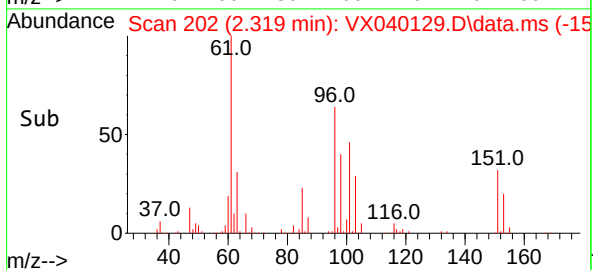
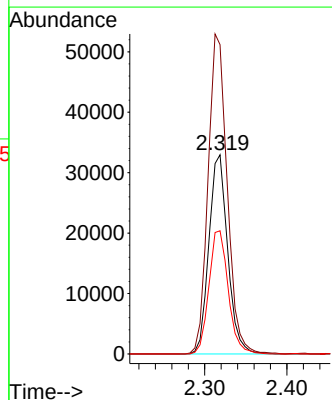
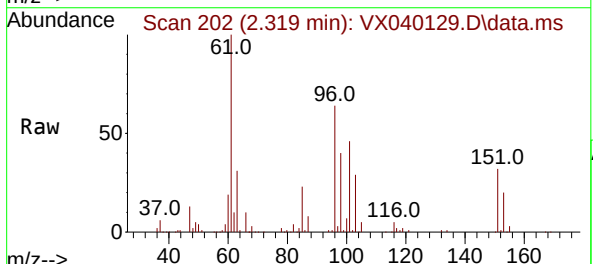
Tgt Ion: 96 Resp: 52361

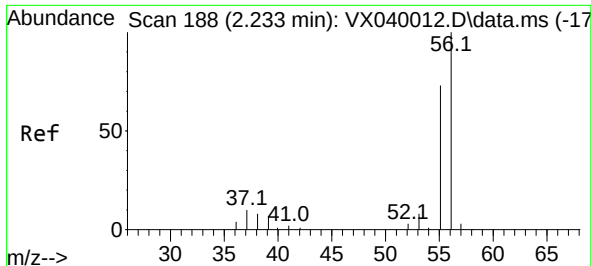
Ion Ratio Lower Upper

96 100

61 155.2 144.6 216.8

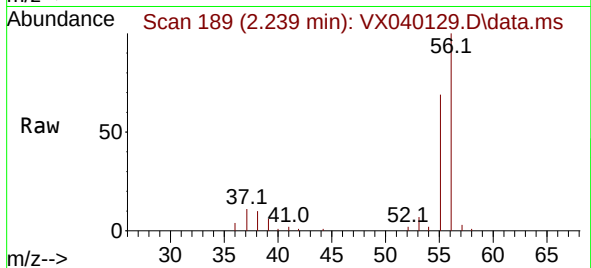
98 61.8 50.4 75.6





#13
Acrolein
Concen: 224.800 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

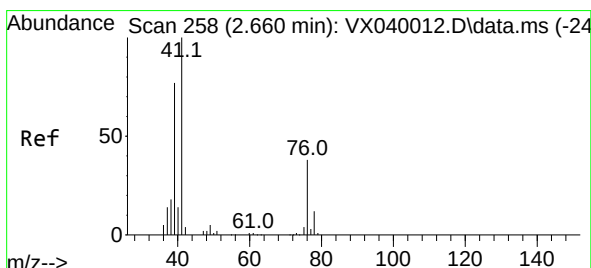
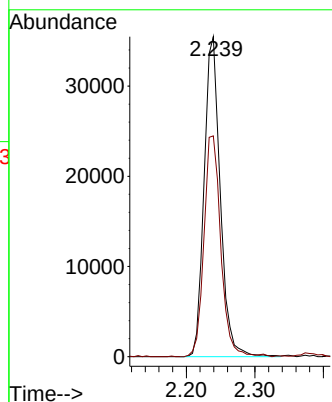
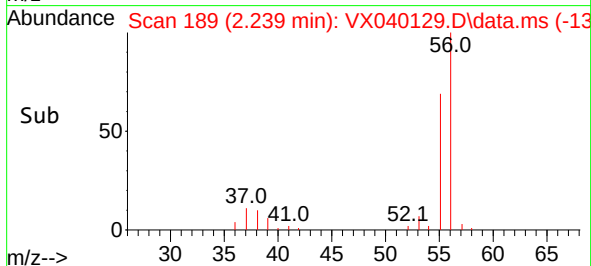
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5824
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

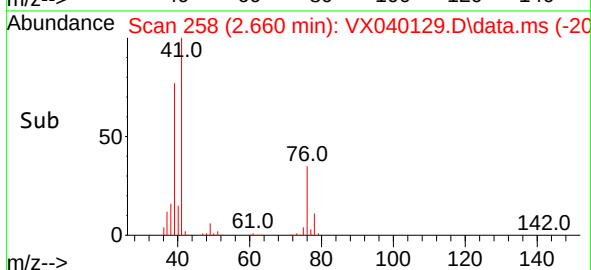
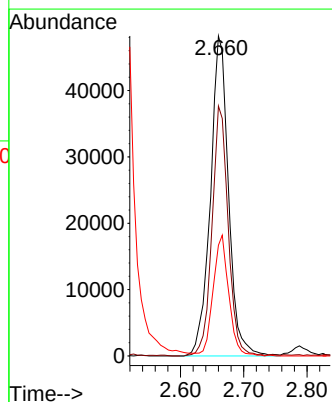
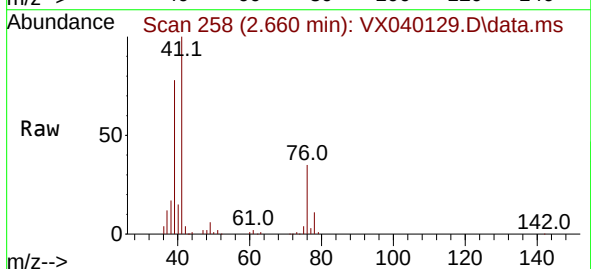
Manual Integrations
APPROVED

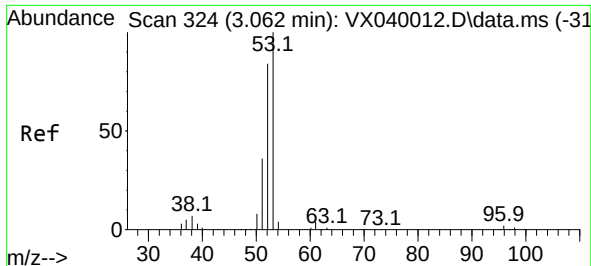
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#14
Allyl chloride
Concen: 51.293 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

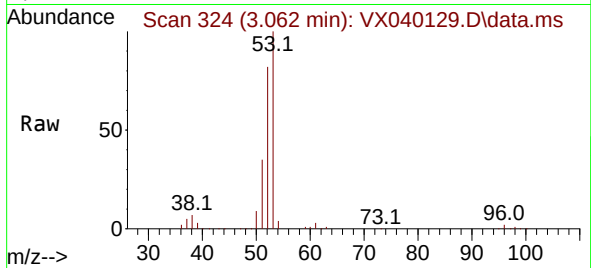
Tgt Ion: 41 Resp: 96299
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 32.6 24.3 36.5





#15
Acrylonitrile
Concen: 270.605 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

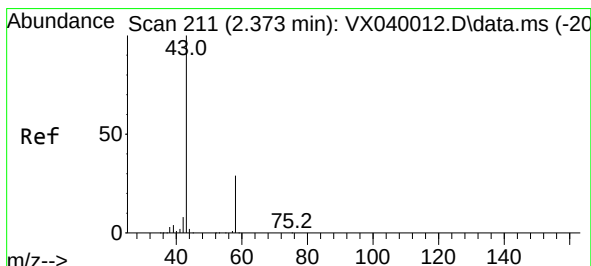
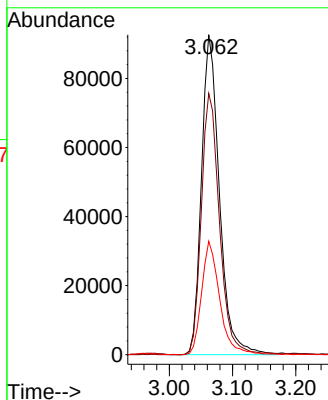
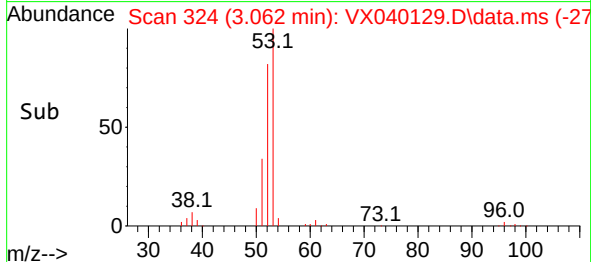
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 183304
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 35.8 29.8 44.6

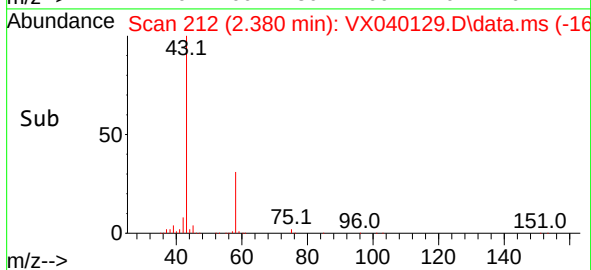
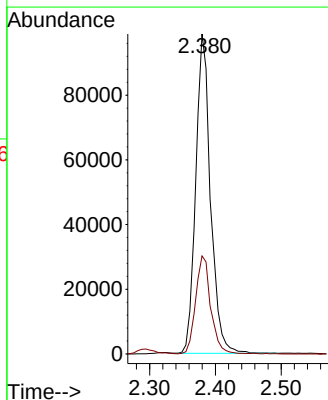
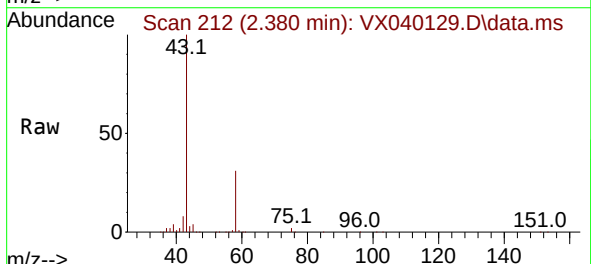
Manual Integrations
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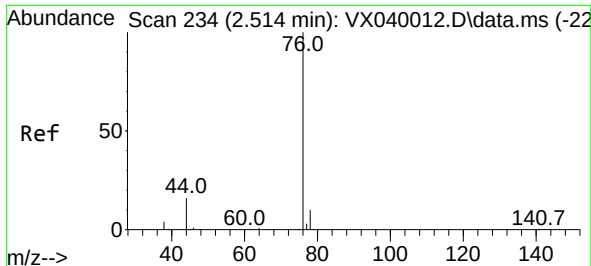
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#16
Acetone
Concen: 220.223 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

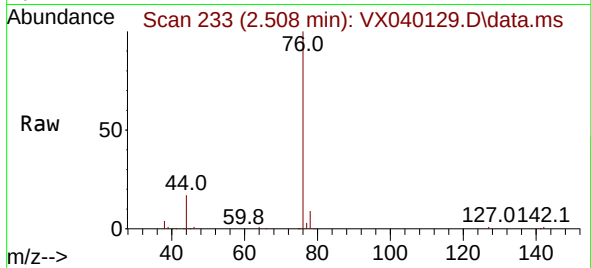
Tgt Ion: 43 Resp: 153778
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#17
Carbon Disulfide
Concen: 43.608 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

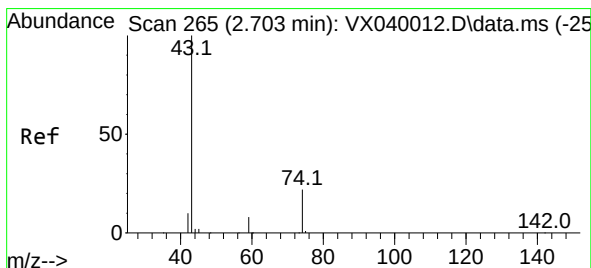
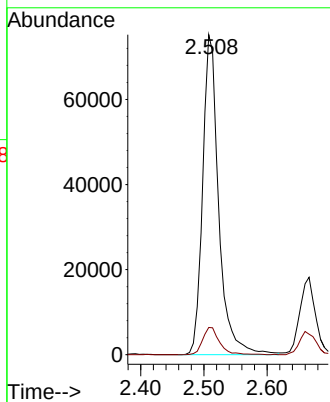
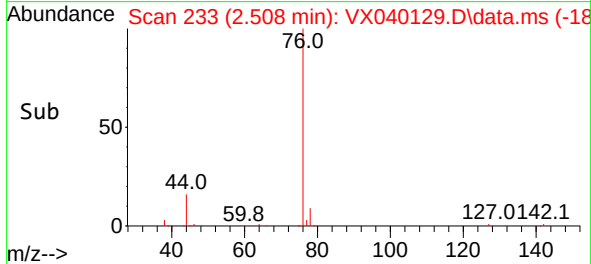
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 132795
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6

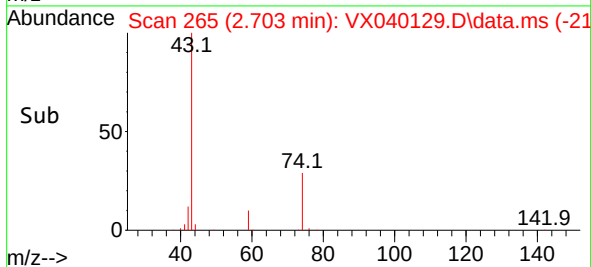
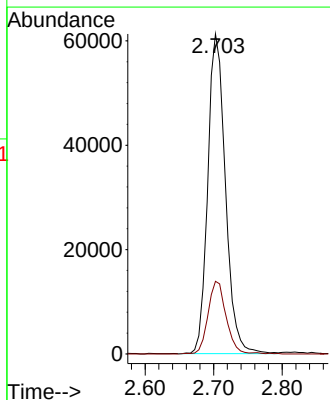
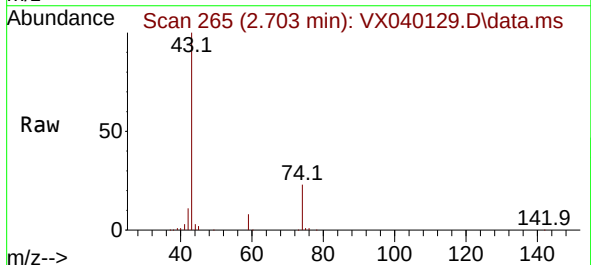
Manual Integrations
APPROVED

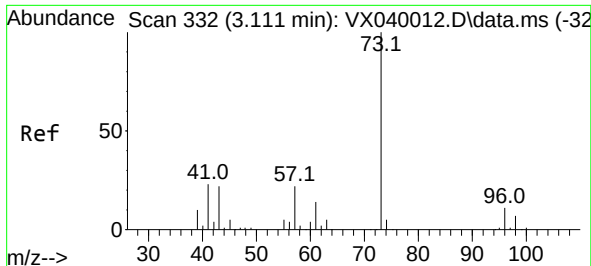
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#18
Methyl Acetate
Concen: 66.416 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 43 Resp: 109868
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8





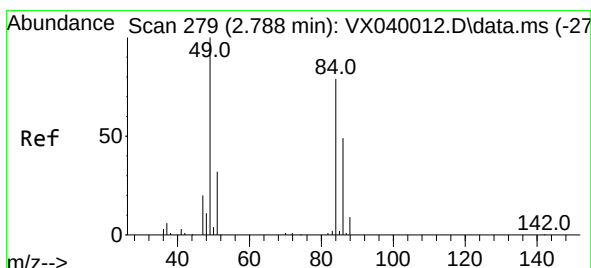
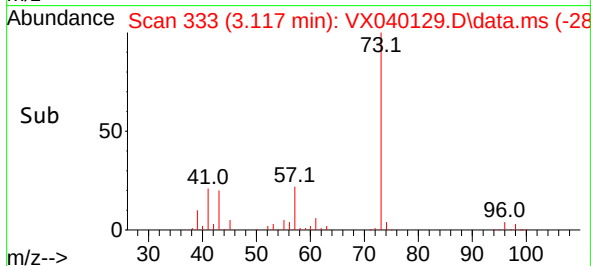
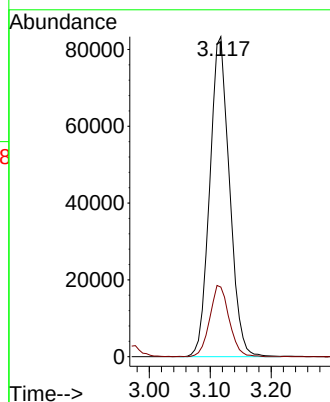
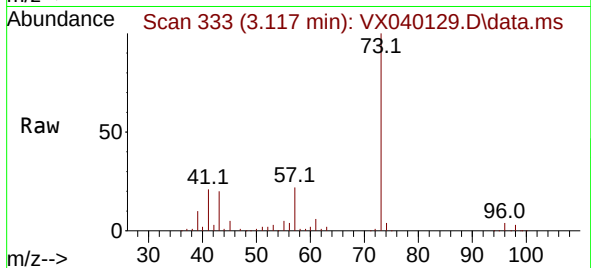
#19
Methyl tert-butyl Ether
Concen: 52.495 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 187292
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

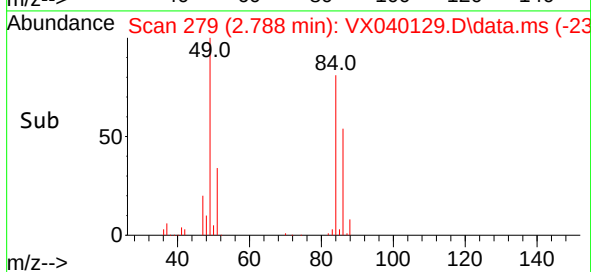
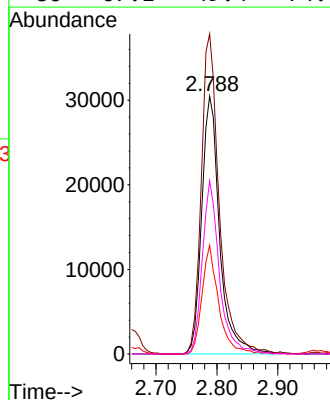
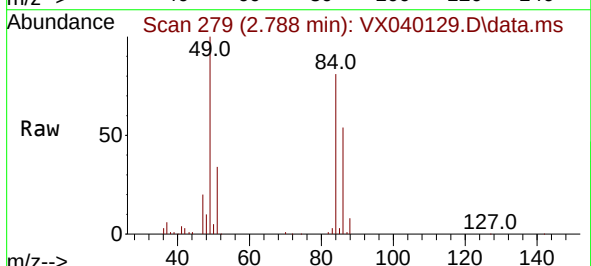
Manual Integrations
APPROVED

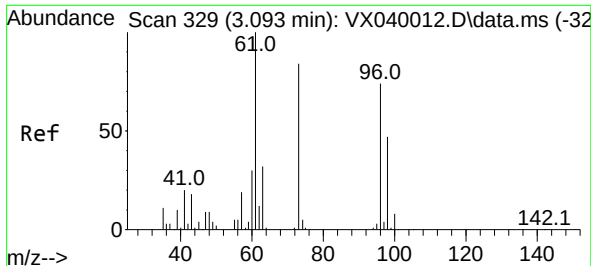
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#20
Methylene Chloride
Concen: 50.226 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

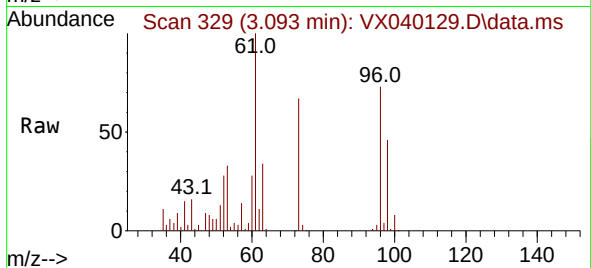
Tgt Ion: 84 Resp: 62327
Ion Ratio Lower Upper
84 100
49 124.1 103.6 155.4
51 42.1 33.8 50.6
86 67.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.741 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

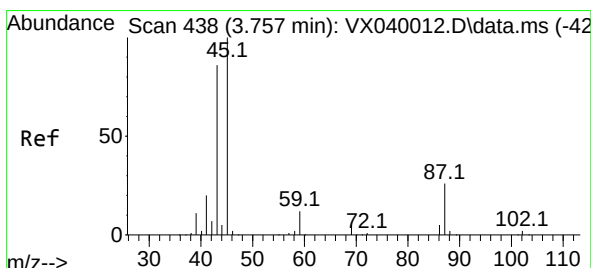
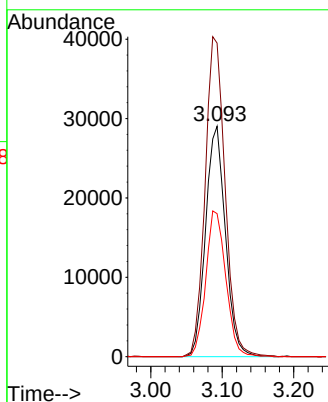
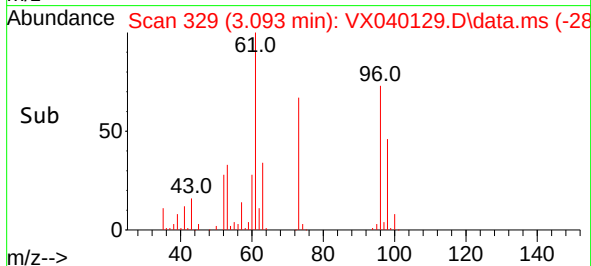
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



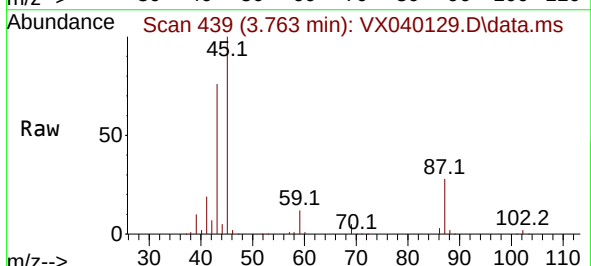
Tgt Ion: 96 Resp: 5590
Ion Ratio Lower Upper
96 100
61 136.1 119.2 178.8
98 62.1 48.7 73.1

Manual Integrations
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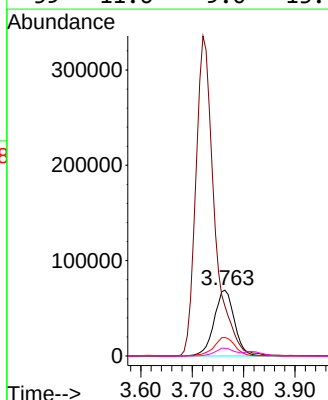
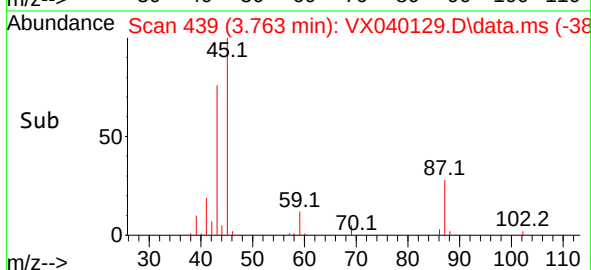
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

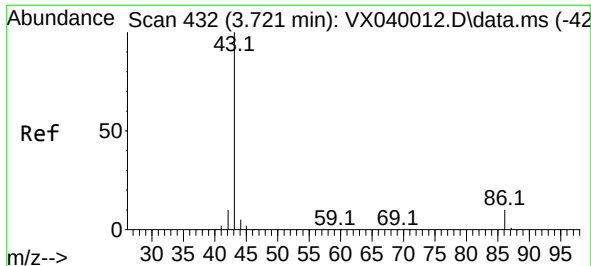


#22
Diisopropyl ether
Concen: 51.980 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17



Tgt Ion: 45 Resp: 189030
Ion Ratio Lower Upper
45 100
43 75.7 69.7 104.5
87 28.3 20.8 31.2
59 11.6 9.0 13.4





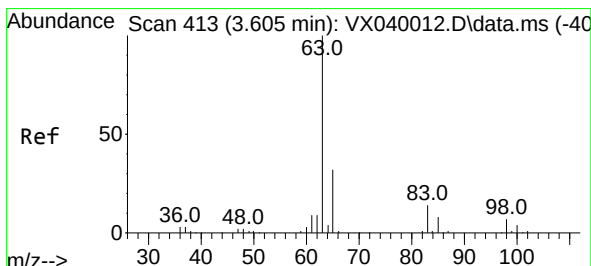
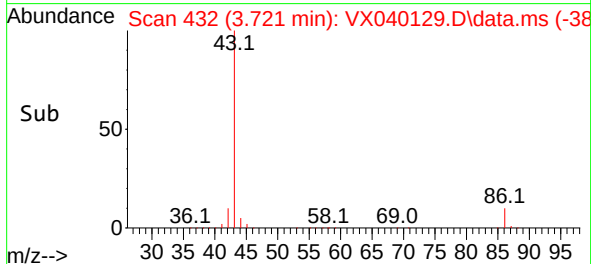
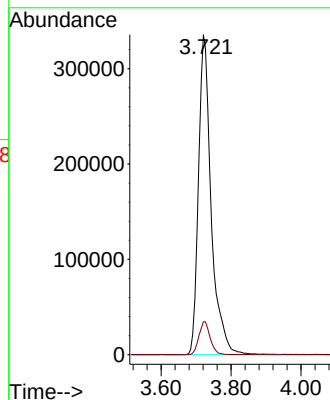
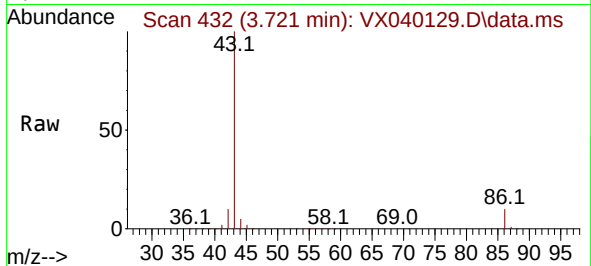
#23
 Vinyl Acetate
 Concen: 260.038 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040129.D
 Acq: 05 Feb 2024 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 846315
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

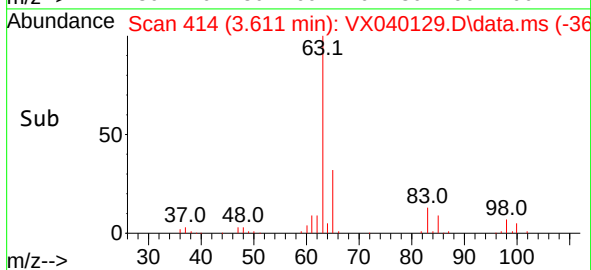
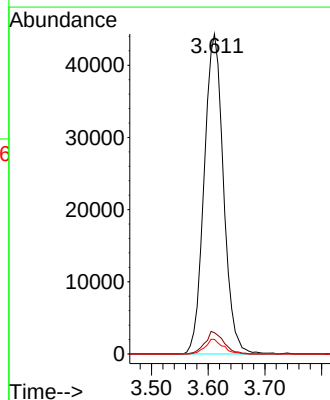
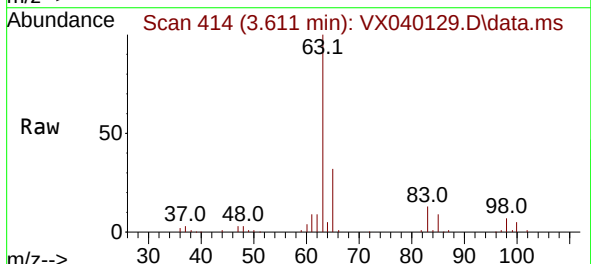
Manual Integrations
 APPROVED

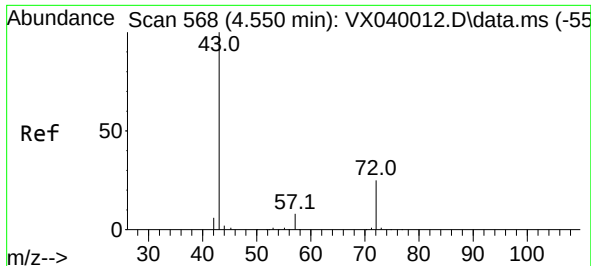
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#24
 1,1-Dichloroethane
 Concen: 50.385 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040129.D
 Acq: 05 Feb 2024 20:17

Tgt Ion: 63 Resp: 104941
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.5 2.1 6.5





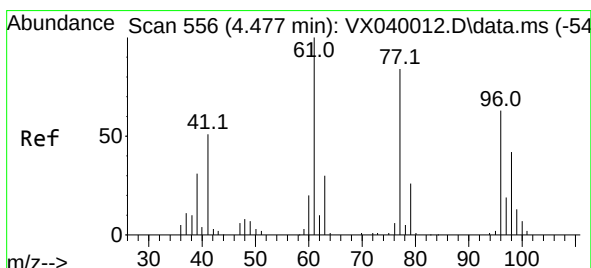
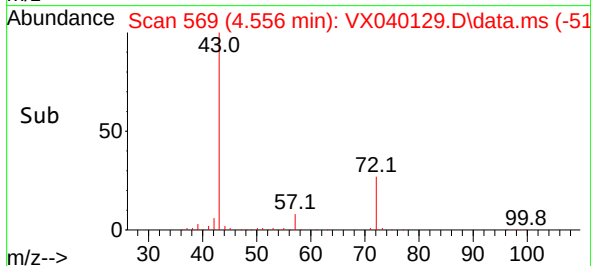
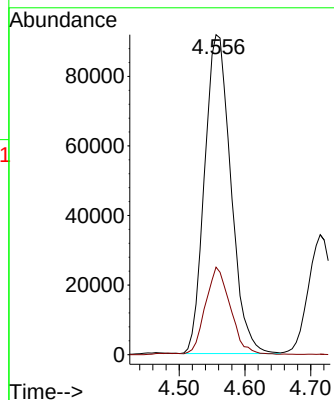
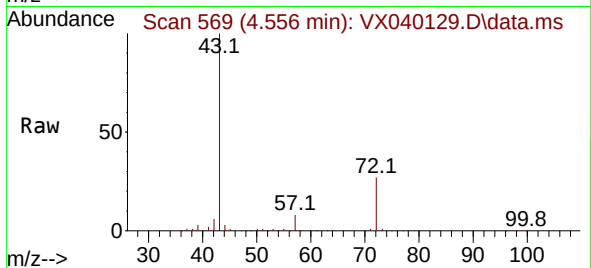
#25
2-Butanone
Concen: 262.519 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 25482
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

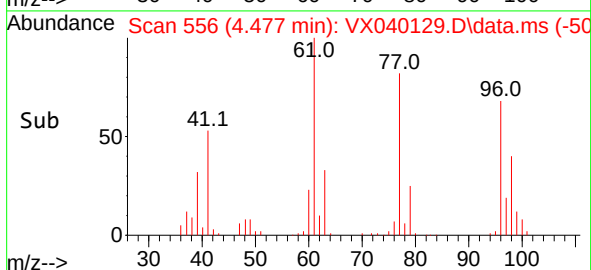
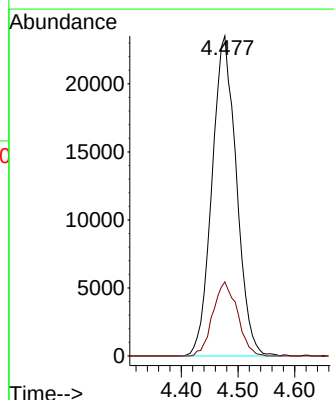
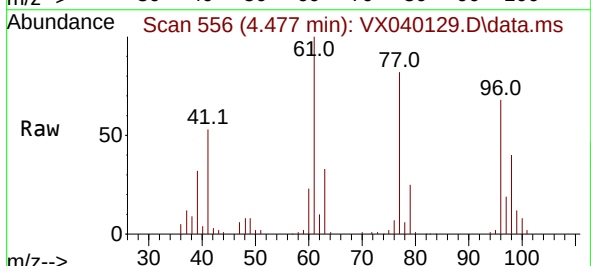
Manual Integrations
APPROVED

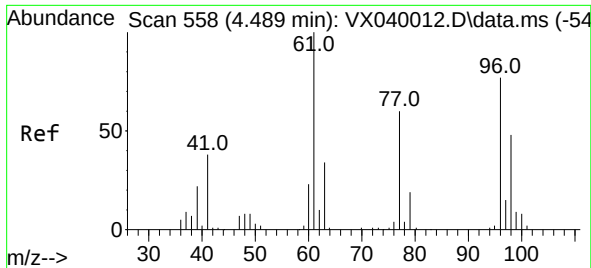
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#26
2,2-Dichloropropane
Concen: 43.319 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 77 Resp: 70400
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.188 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6551

Ion Ratio Lower Upper

96 100

61 144.2 0.0 312.2

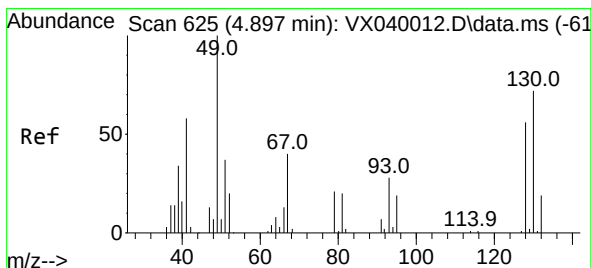
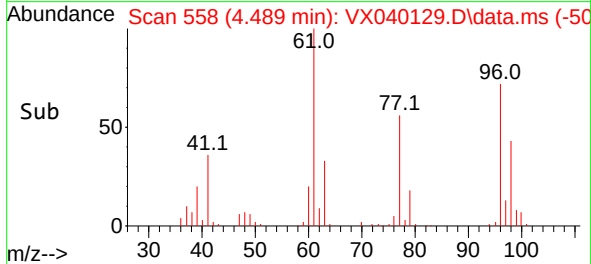
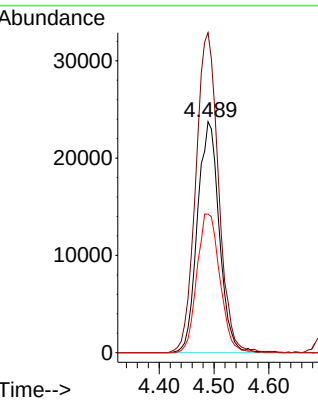
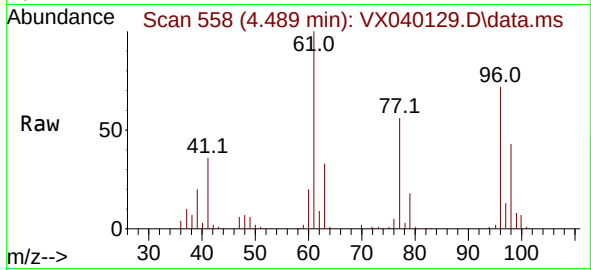
98 63.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#28

Bromochloromethane

Concen: 52.295 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

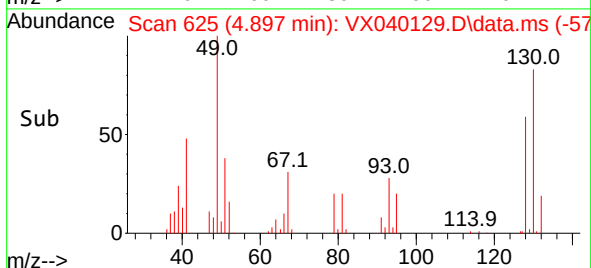
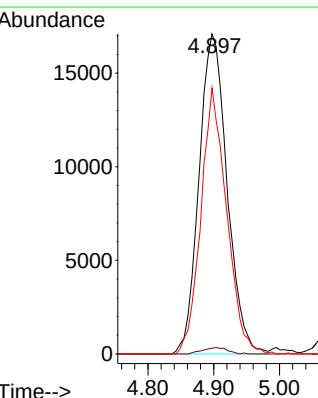
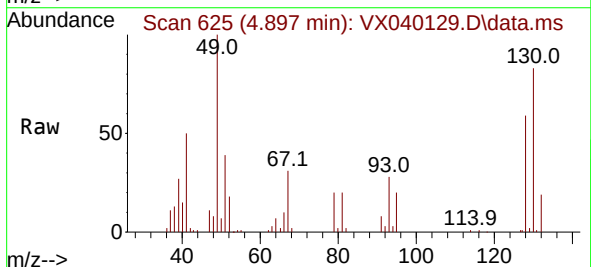
Tgt Ion: 49 Resp: 50790

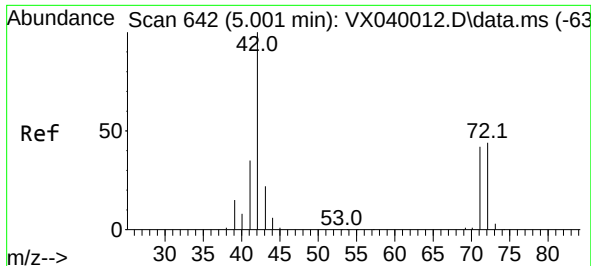
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

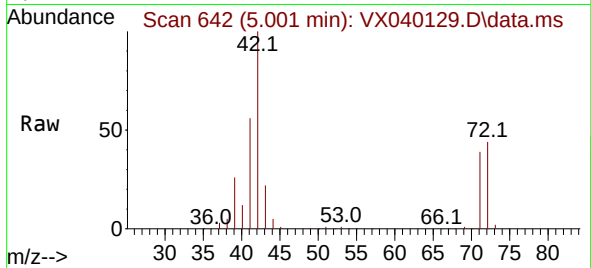
130 76.1 57.5 86.3





#29
Tetrahydrofuran
Concen: 283.138 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

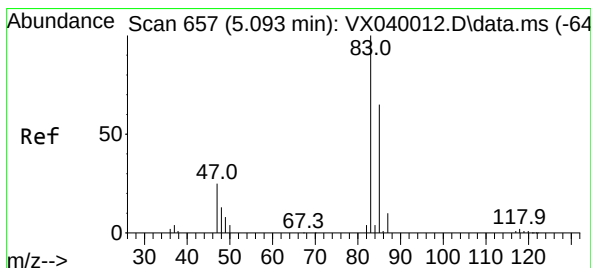
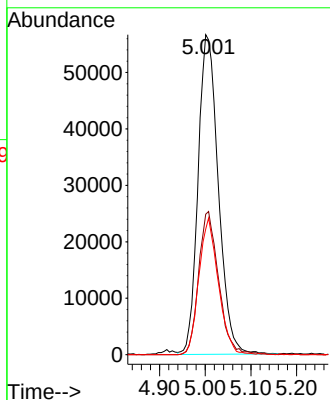
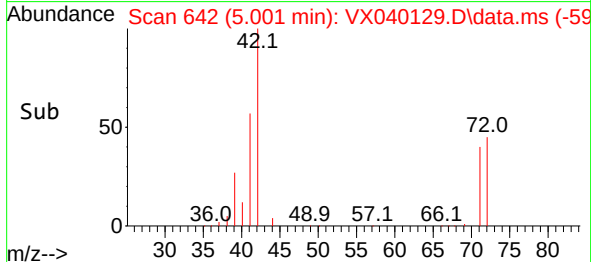
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 174750
Ion Ratio Lower Upper
42 100
72 44.2 34.2 51.4
71 41.0 32.2 48.2

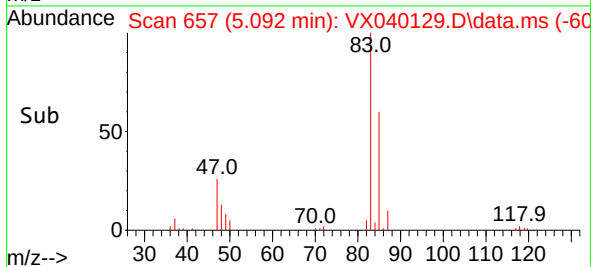
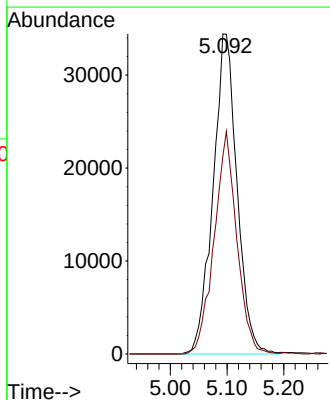
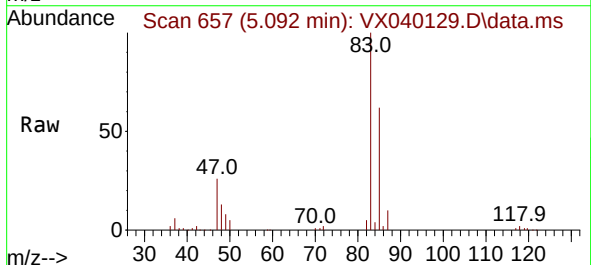
Manual Integrations
APPROVED

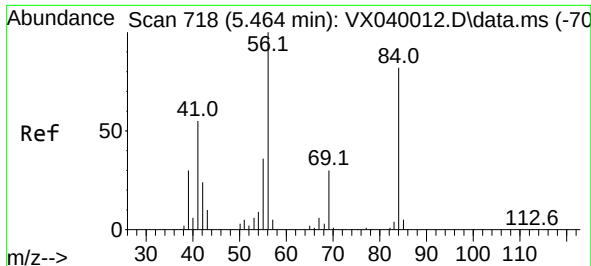
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#30
Chloroform
Concen: 45.256 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

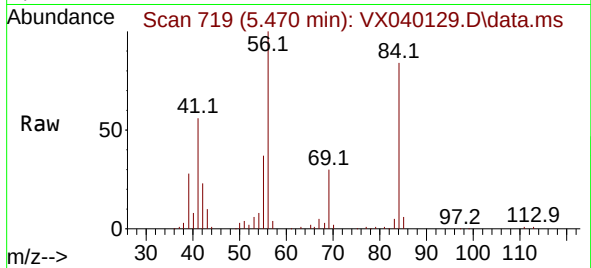
Tgt Ion: 83 Resp: 101215
Ion Ratio Lower Upper
83 100
85 61.7 50.3 75.5





#31
Cyclohexane
Concen: 43.922 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

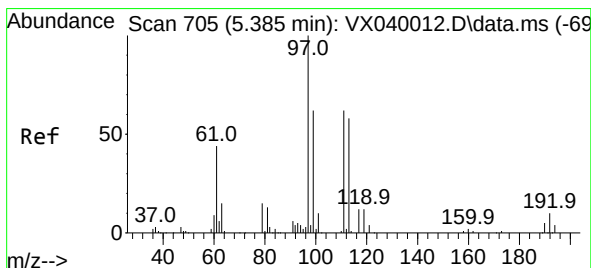
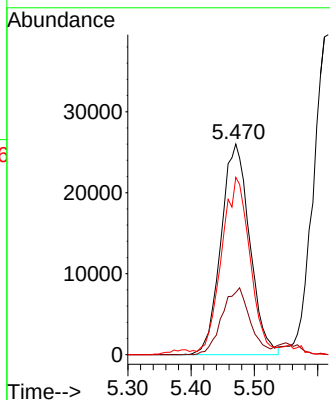
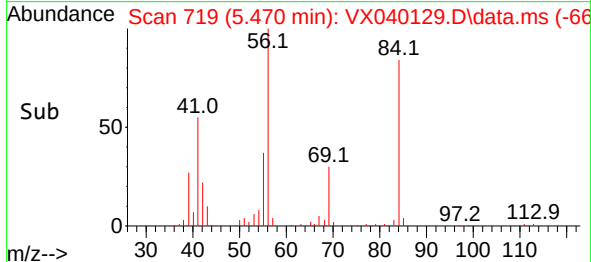
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8199
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 82.4 65.9 98.9

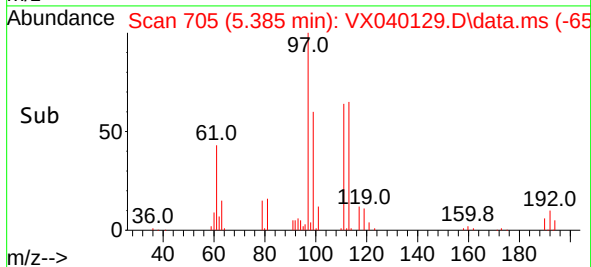
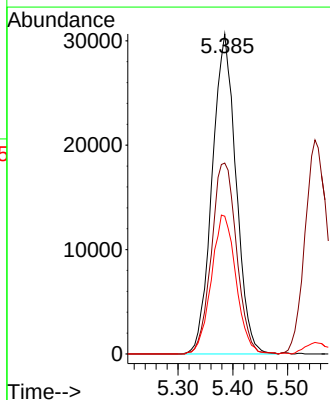
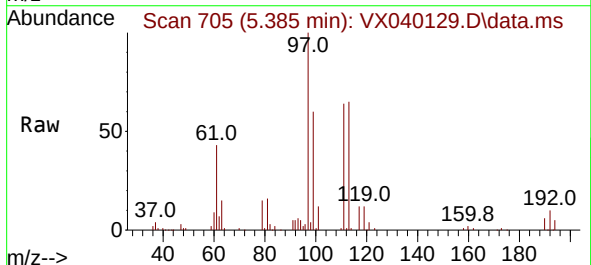
Manual Integrations
APPROVED

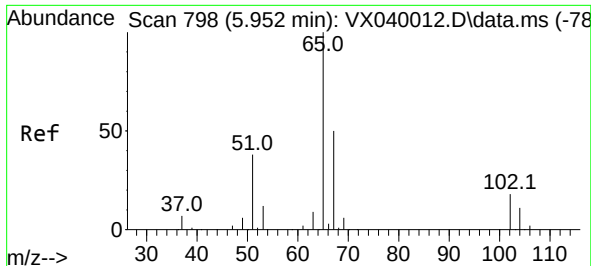
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#32
1,1,1-Trichloroethane
Concen: 48.243 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 97 Resp: 92595
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 45.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.000 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 73020

Ion Ratio Lower Upper

65 100

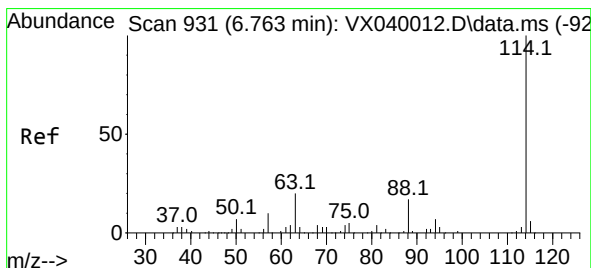
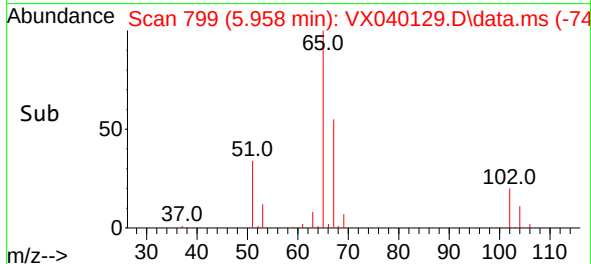
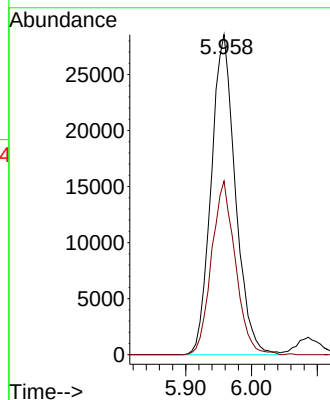
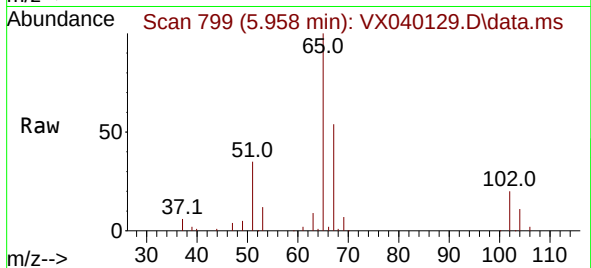
67 53.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

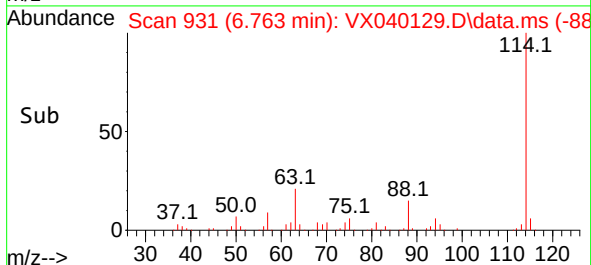
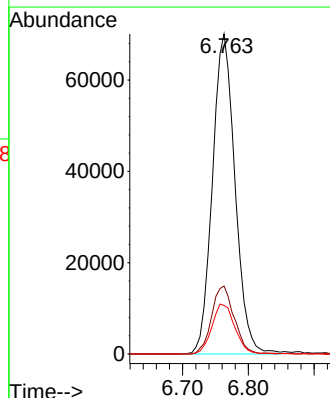
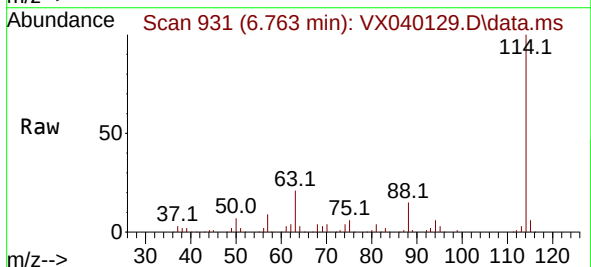
Tgt Ion:114 Resp: 167465

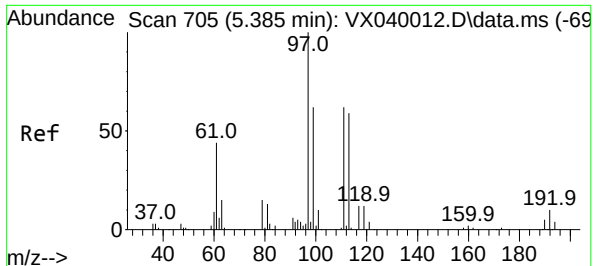
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.702 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040129.D

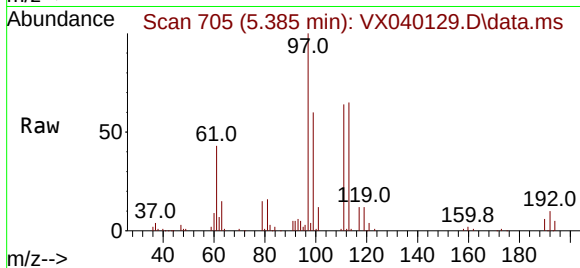
Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



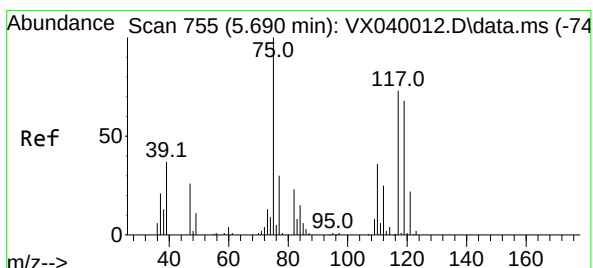
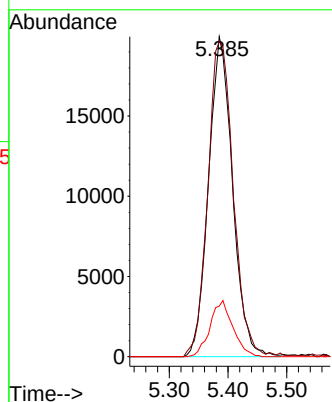
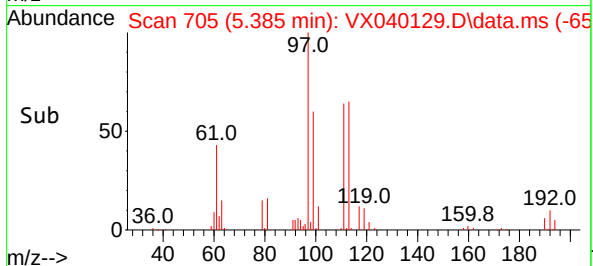
Tgt Ion:	113	Resp:	5666
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	16.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#36

1,1-Dichloropropene

Concen: 46.989 ug/l

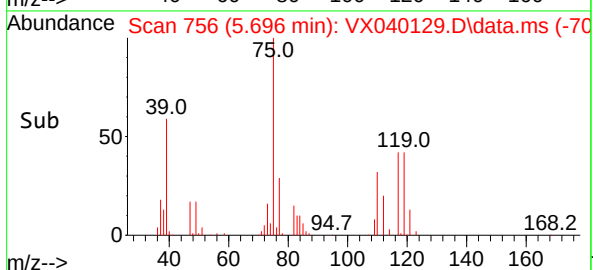
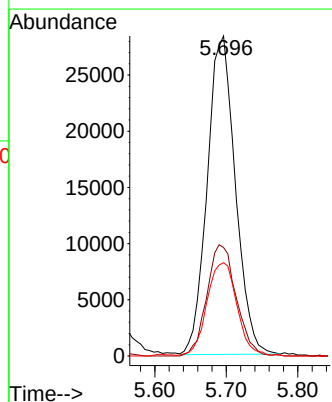
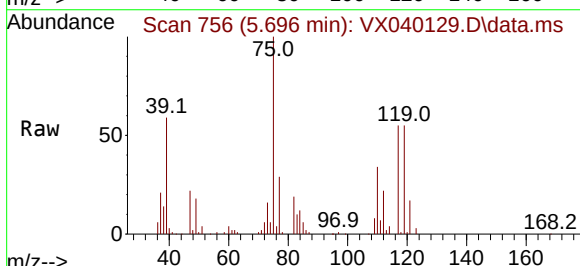
RT: 5.696 min Scan# 756

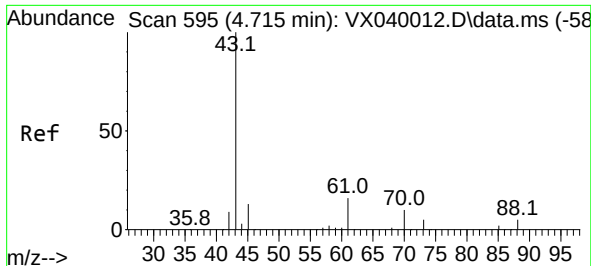
Delta R.T. 0.006 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

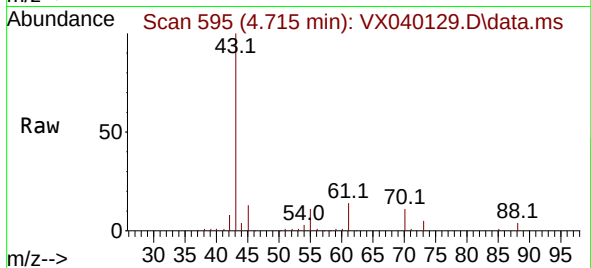
Tgt Ion:	75	Resp:	77472
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.0	50.9
77	30.6	24.7	37.1





#37
Ethyl Acetate
Concen: 54.944 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

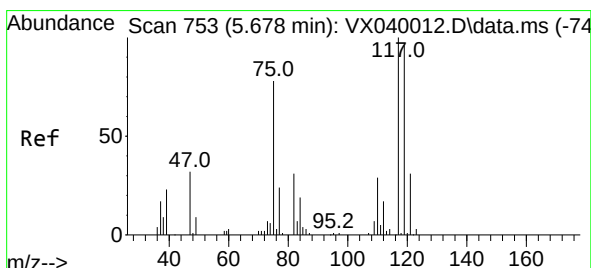
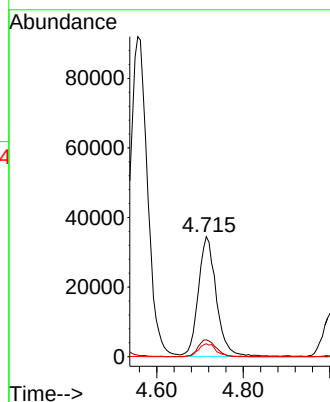
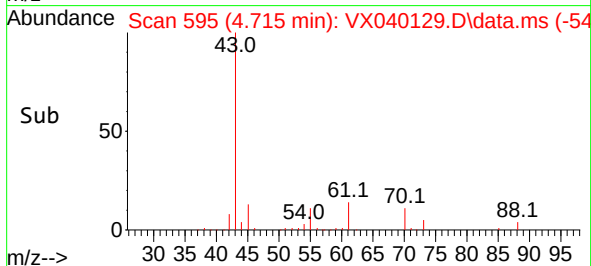
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 9893
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.5 8.3 12.5

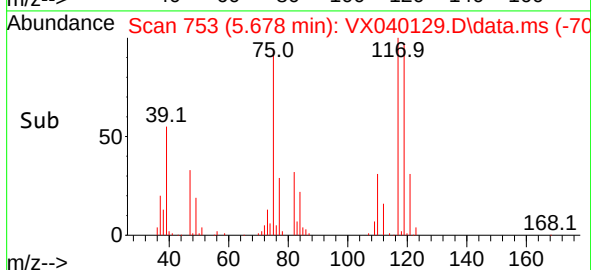
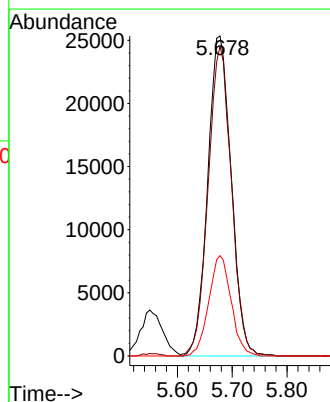
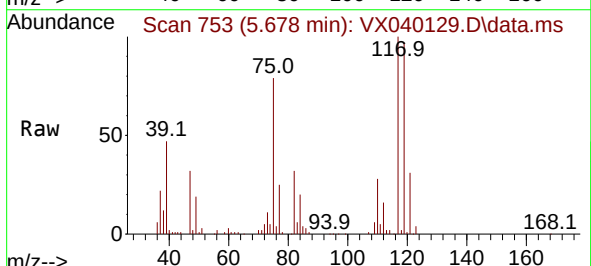
Manual Integrations
APPROVED

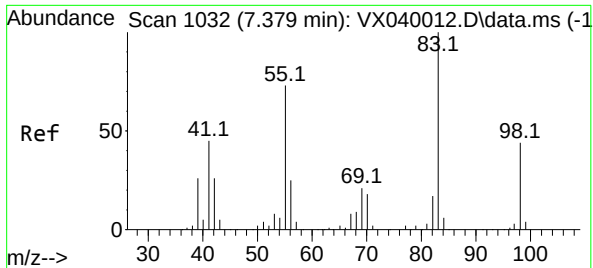
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#38
Carbon Tetrachloride
Concen: 47.810 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion:117 Resp: 75421
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 38.411 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 7705

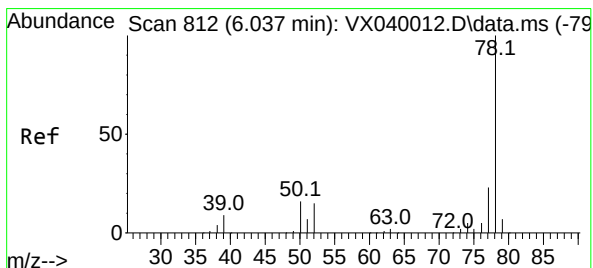
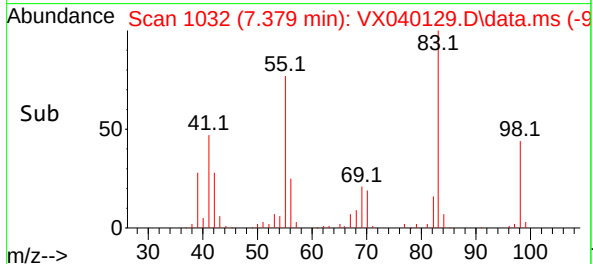
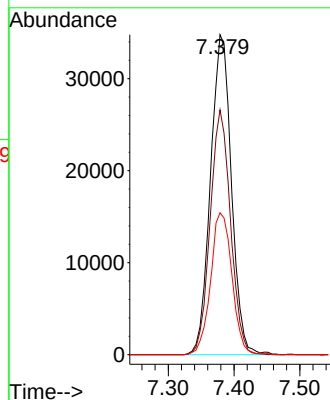
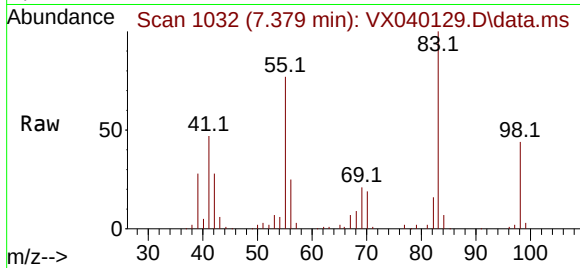
Ion	Ratio	Lower	Upper
83	100		
55	76.5	64.6	97.0
98	44.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#40

Benzene

Concen: 48.513 ug/l

RT: 6.037 min Scan# 812

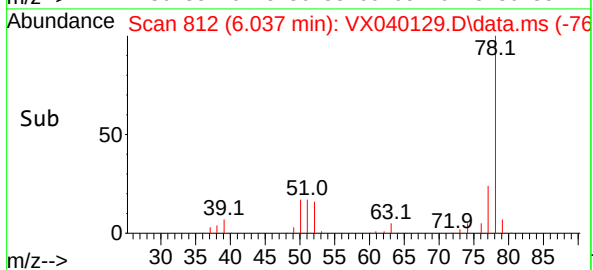
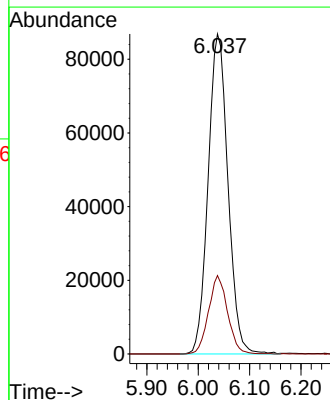
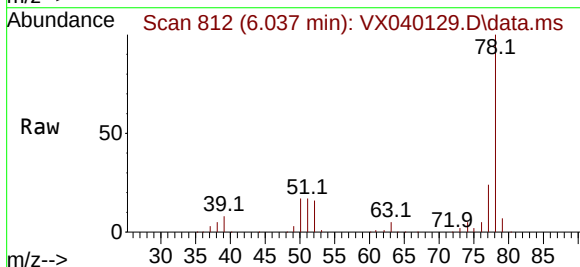
Delta R.T. -0.000 min

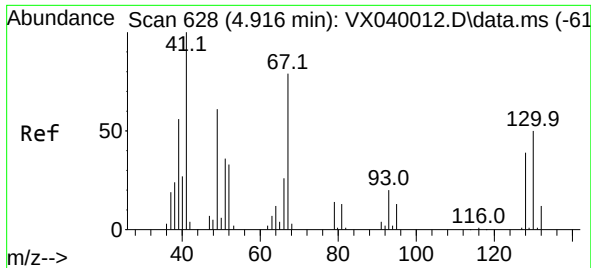
Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Tgt Ion: 78 Resp: 232958

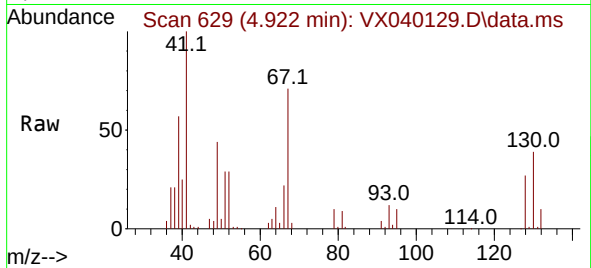
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.3	28.9





#41
Methacrylonitrile
Concen: 57.573 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

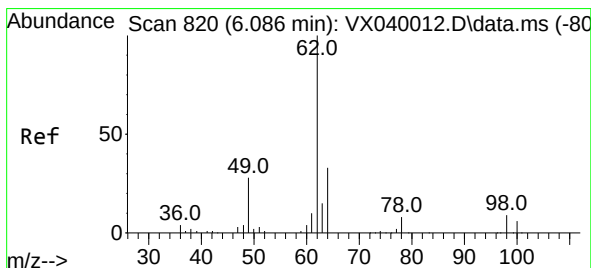
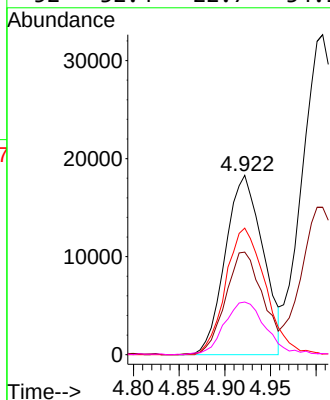
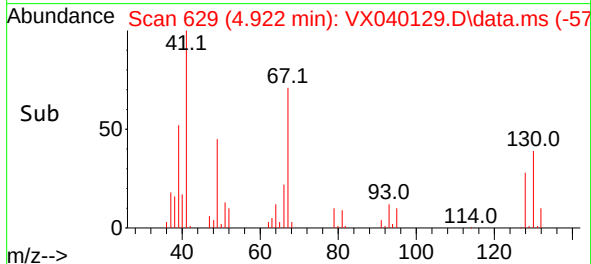
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 52572
Ion Ratio Lower Upper
41 100
39 56.5 45.2 67.8
67 74.4 52.6 78.8
52 32.4 22.7 34.1

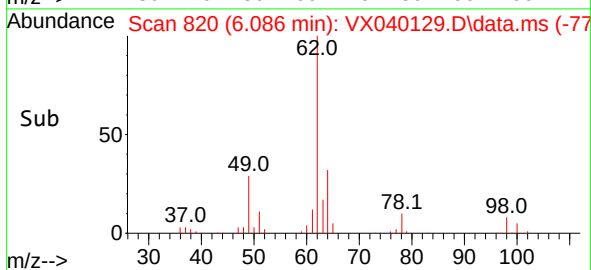
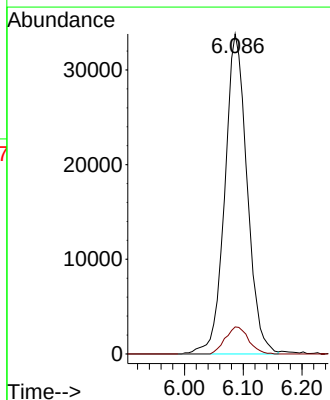
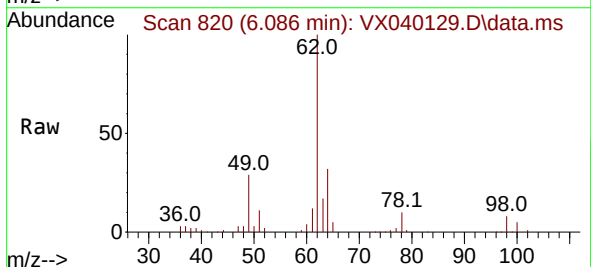
Manual Integrations
APPROVED

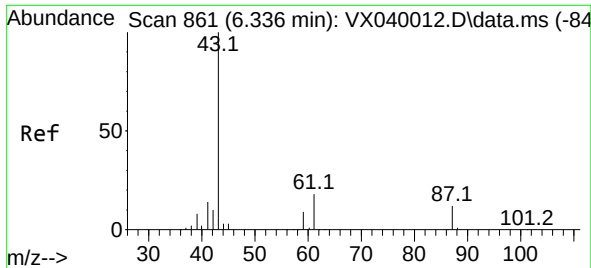
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#42
1,2-Dichloroethane
Concen: 48.218 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

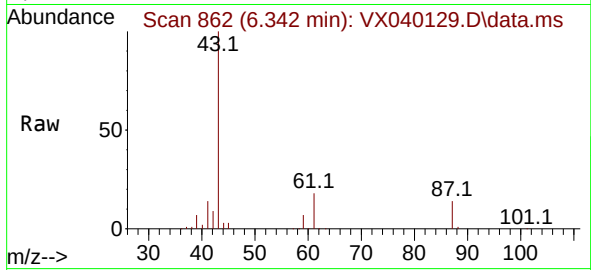
Tgt Ion: 62 Resp: 89132
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.808 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

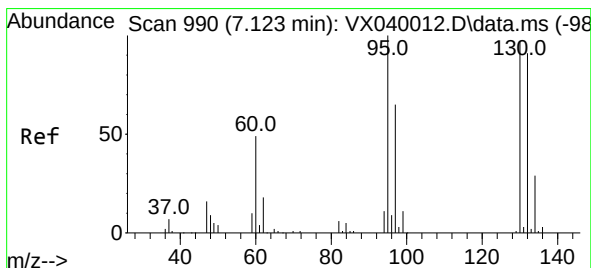
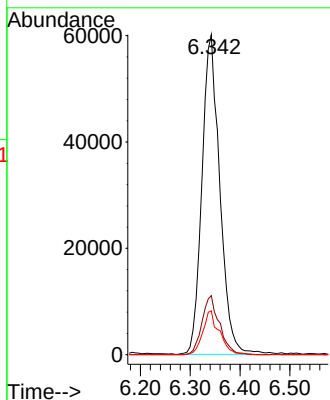
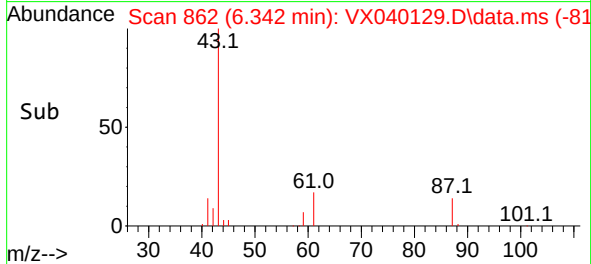
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14994
Ion Ratio Lower Upper
43 100
61 18.0 15.2 22.8
87 12.6 9.8 14.6

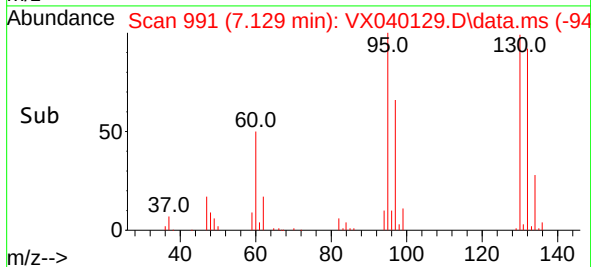
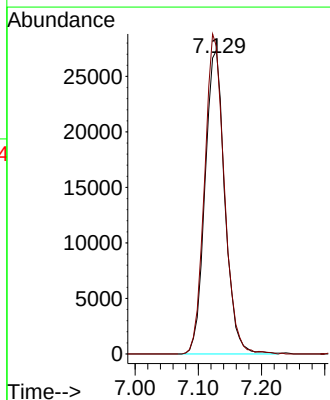
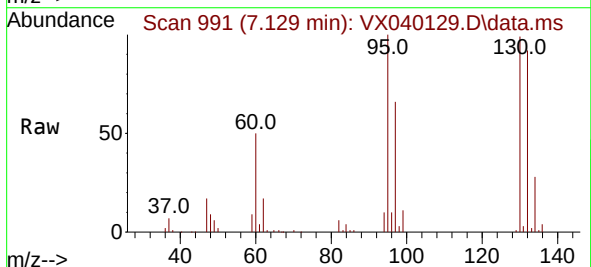
Manual Integrations
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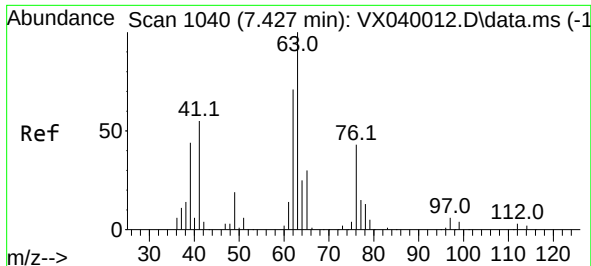
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#44
Trichloroethene
Concen: 47.226 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion:130 Resp: 59678
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.597 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6288

Ion Ratio Lower Upper

63 100

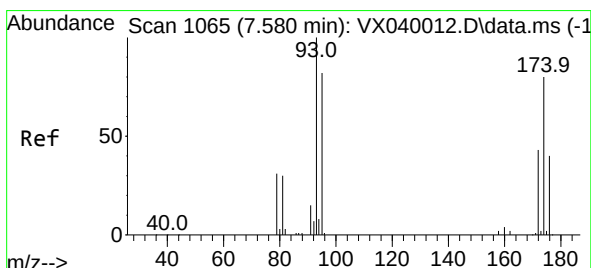
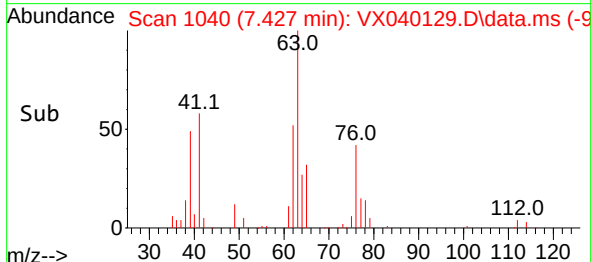
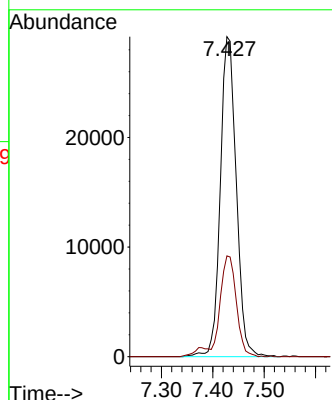
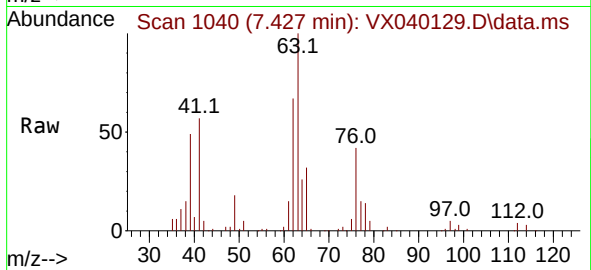
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#46

Dibromomethane

Concen: 46.993 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

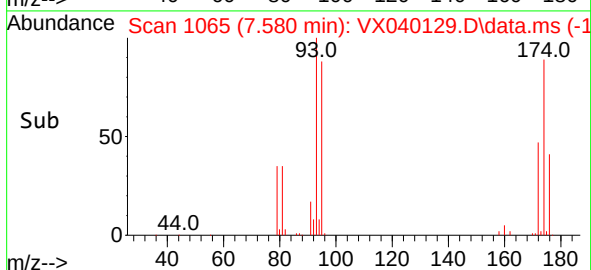
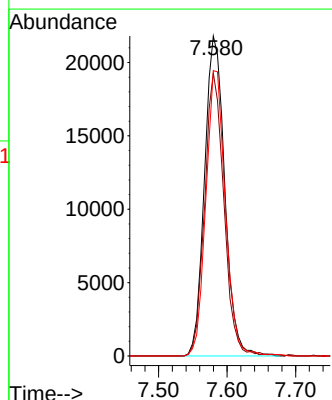
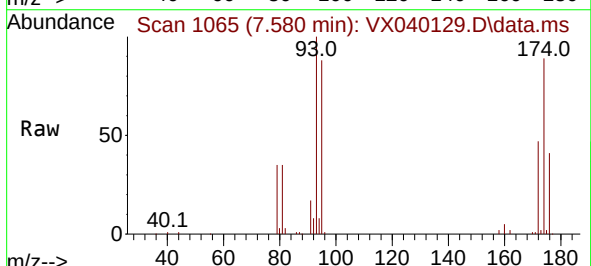
Tgt Ion: 93 Resp: 44721

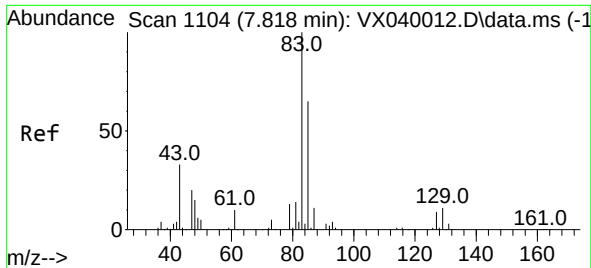
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 86.3 69.4 104.0





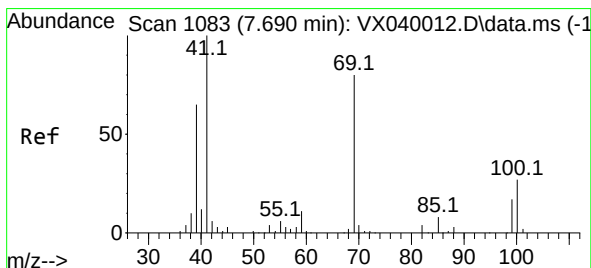
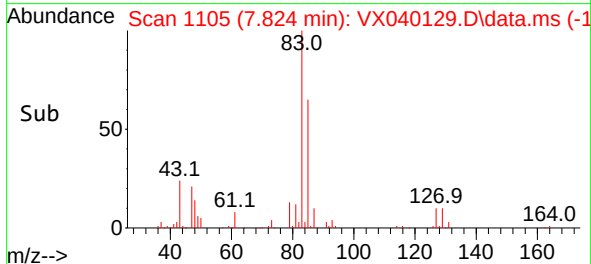
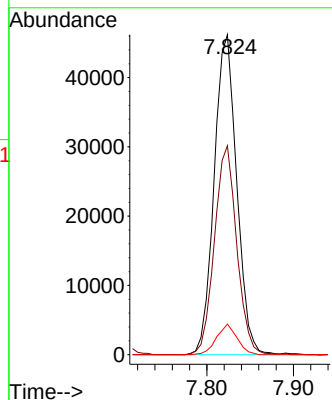
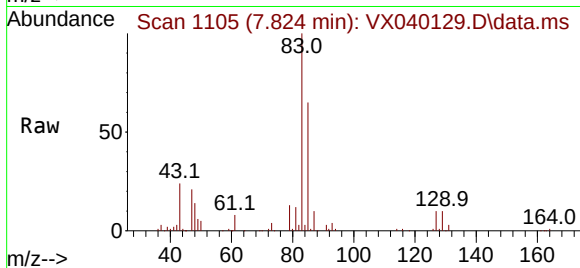
#47
Bromodichloromethane
Concen: 49.302 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 83564
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 9.6 7.1 10.7

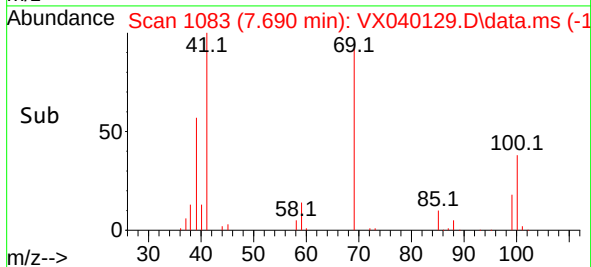
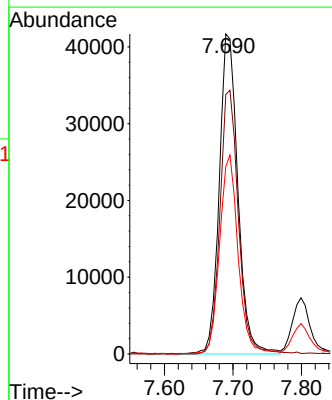
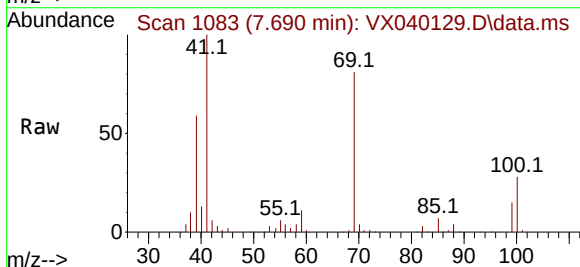
Manual Integrations
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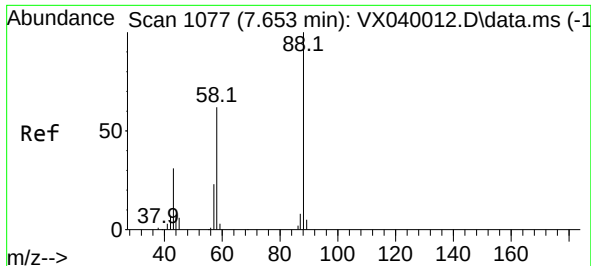
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#48
Methyl methacrylate
Concen: 56.228 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 41 Resp: 78649
Ion Ratio Lower Upper
41 100
69 81.8 59.2 88.8
39 61.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1092.933 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

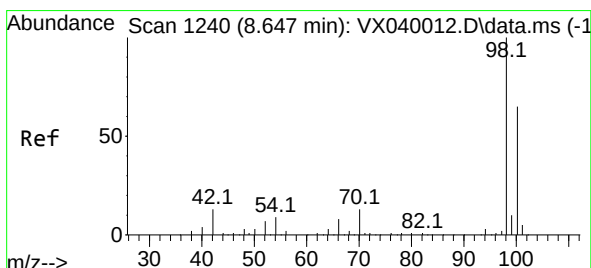
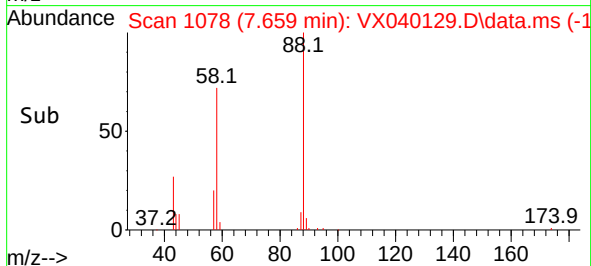
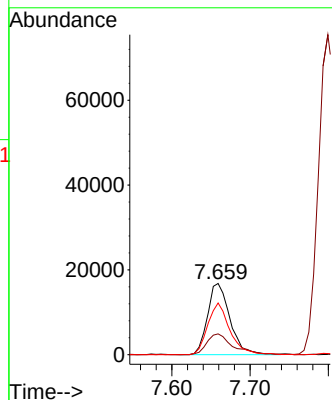
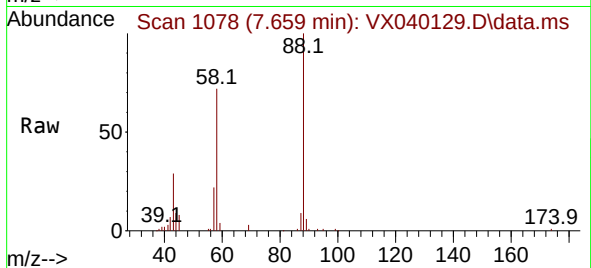
Tgt Ion: 88 Resp: 33220
 Ion Ratio Lower Upper
 88 100
 43 34.3 0.0 0.0
 58 71.9 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#50

Toluene-d8

Concen: 49.331 ug/l

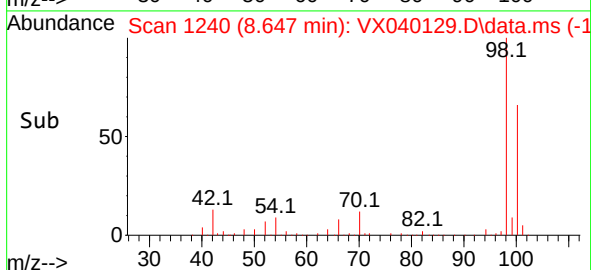
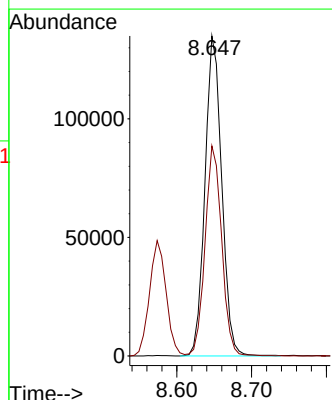
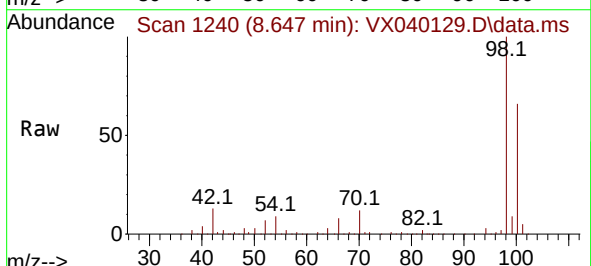
RT: 8.647 min Scan# 1240

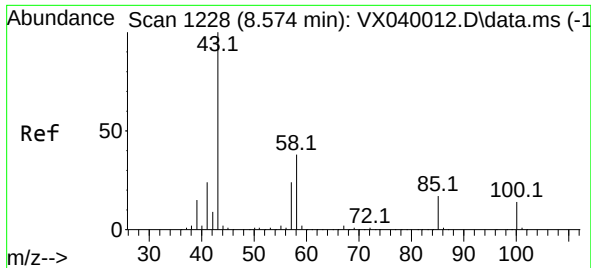
Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

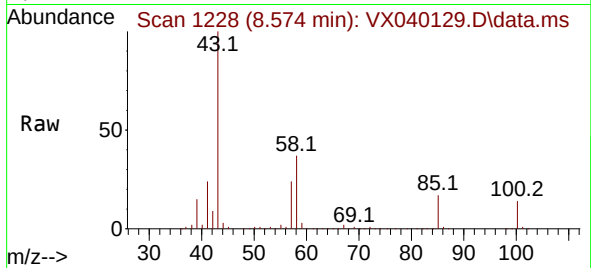
Tgt Ion: 98 Resp: 210309
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 278.153 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

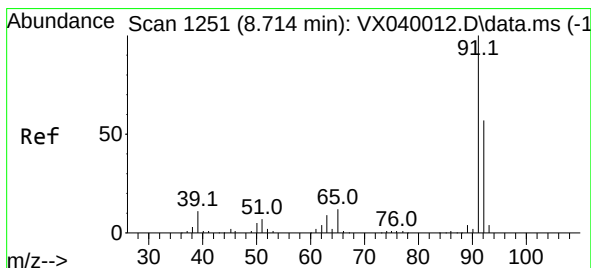
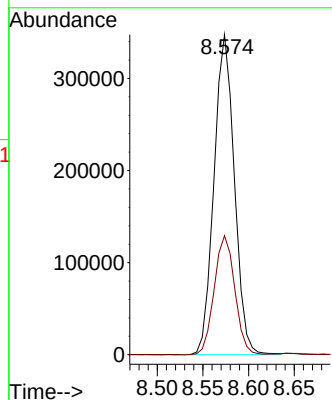
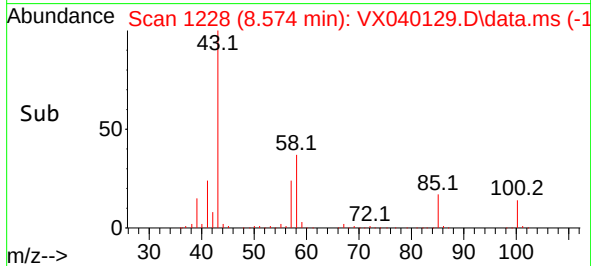
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 539140
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

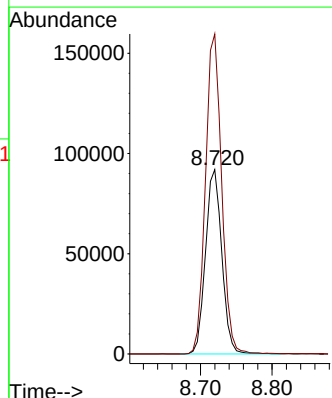
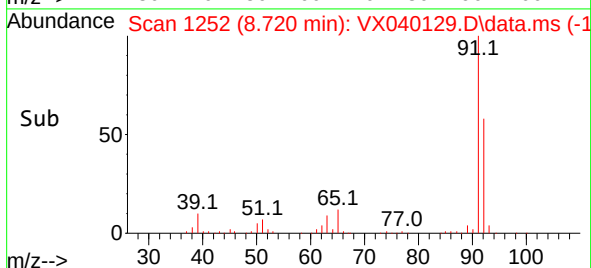
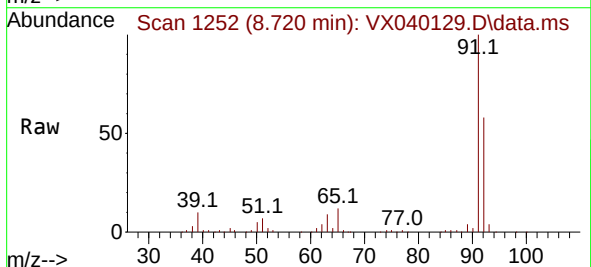
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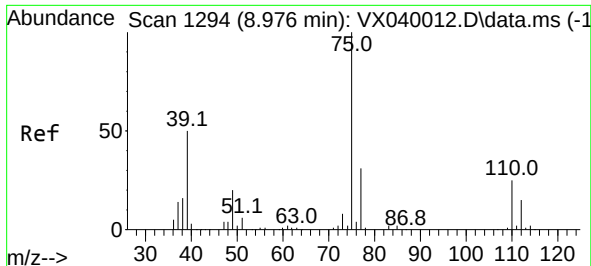
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#52
Toluene
Concen: 48.674 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 92 Resp: 145682
Ion Ratio Lower Upper
92 100
91 172.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.725 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 8741

Ion Ratio Lower Upper

75 100

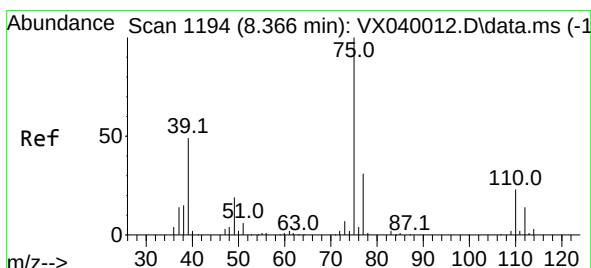
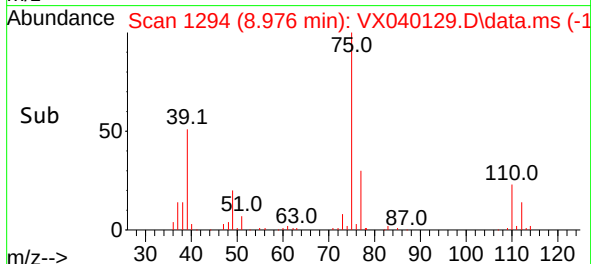
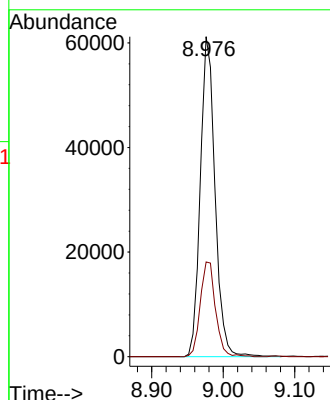
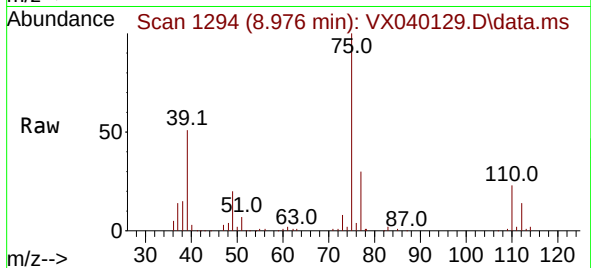
77 29.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#54

cis-1,3-Dichloropropene

Concen: 50.663 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

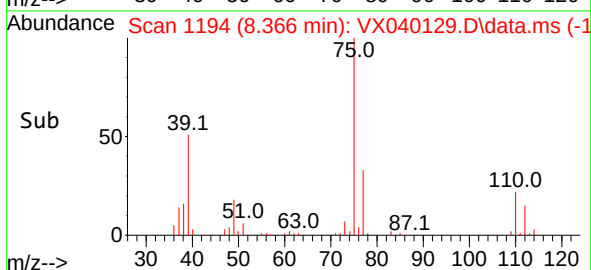
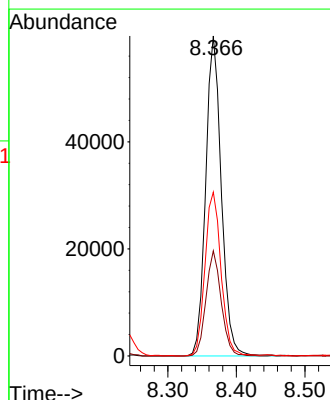
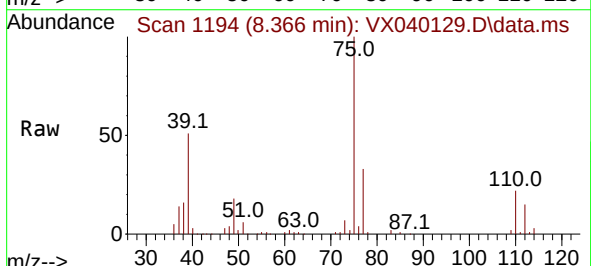
Tgt Ion: 75 Resp: 95032

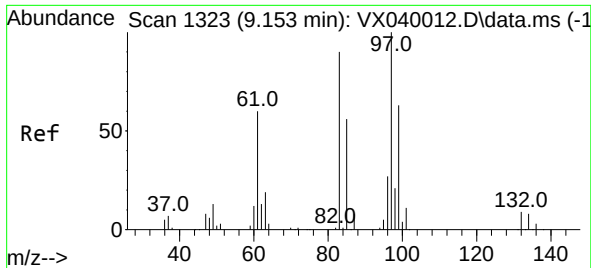
Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

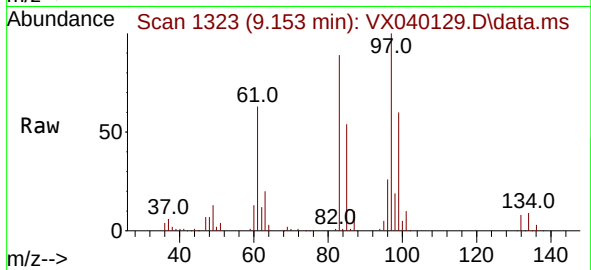
39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.563 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

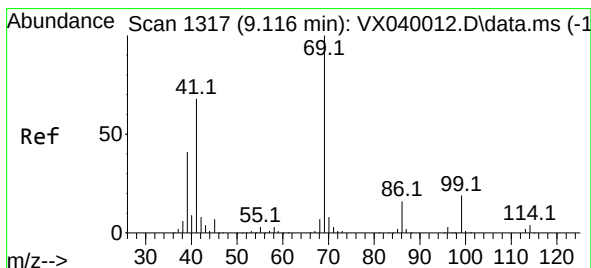
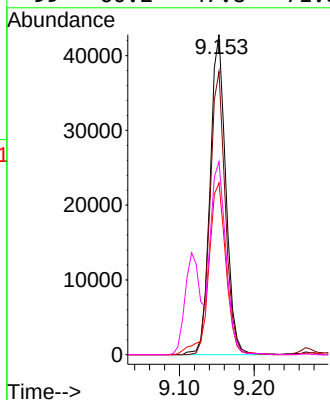
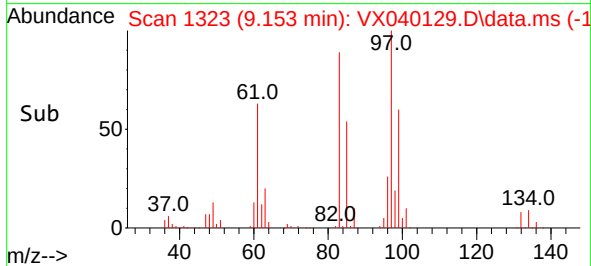


Tgt Ion: 97 Resp: 6264

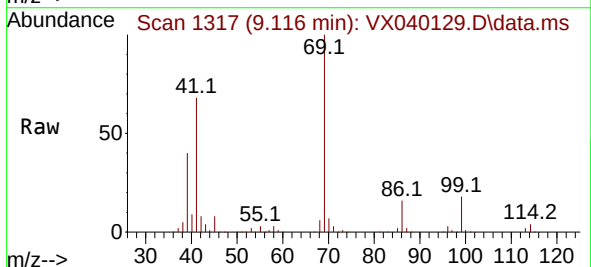
Ion	Ratio	Lower	Upper
97	100		
83	88.5	65.8	98.8
85	53.7	41.6	62.4
99	60.2	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

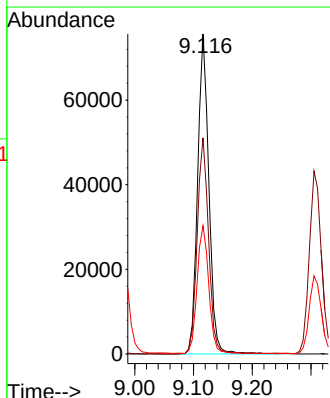
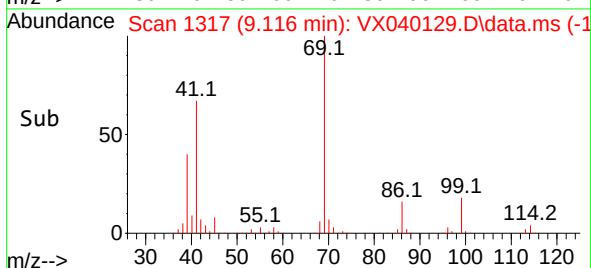


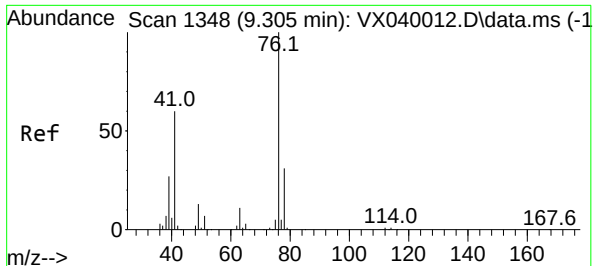
#56
Ethyl methacrylate
Concen: 55.647 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17



Tgt Ion: 69 Resp: 100672

Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.8	85.2
39	41.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.009 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040129.D

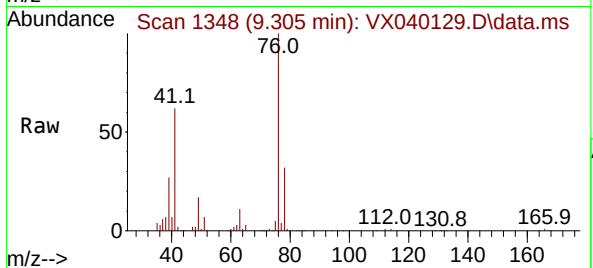
Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 10205

Ion Ratio Lower Upper

76 100

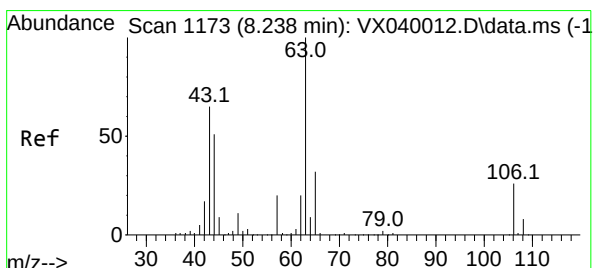
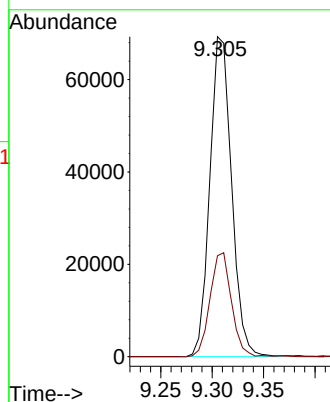
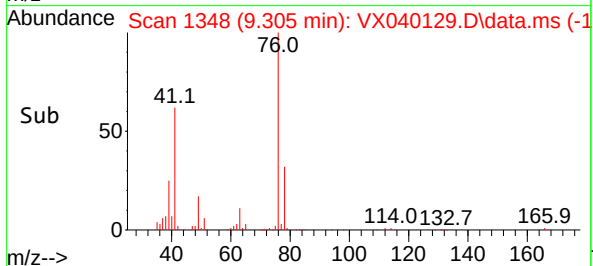
78 32.0 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#58

2-Chloroethyl Vinyl ether

Concen: 287.534 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040129.D

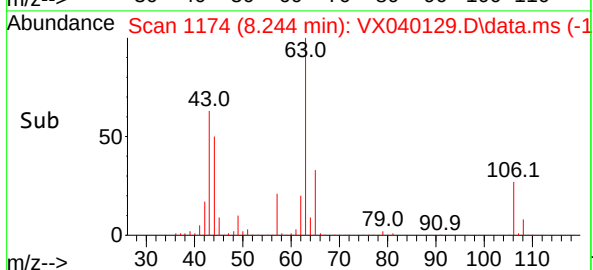
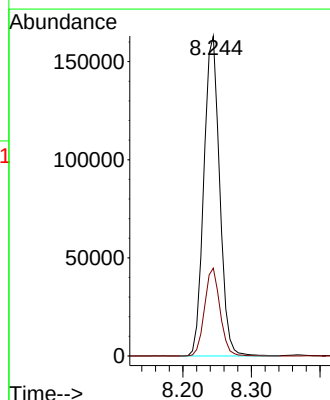
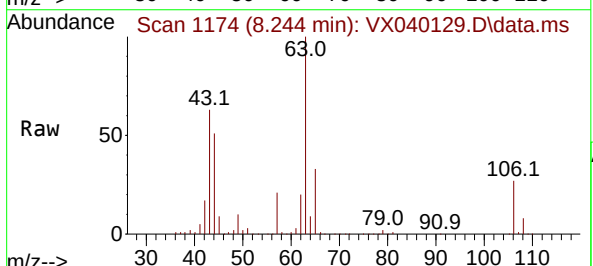
Acq: 05 Feb 2024 20:17

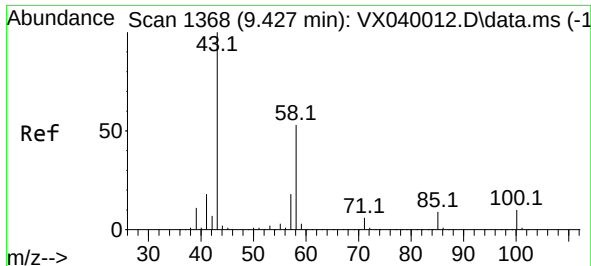
Tgt Ion: 63 Resp: 261580

Ion Ratio Lower Upper

63 100

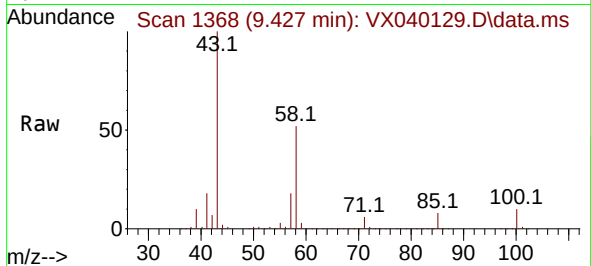
106 26.9 22.5 33.7





#59
2-Hexanone
Concen: 273.622 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

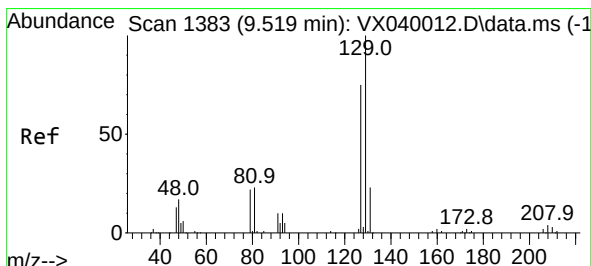
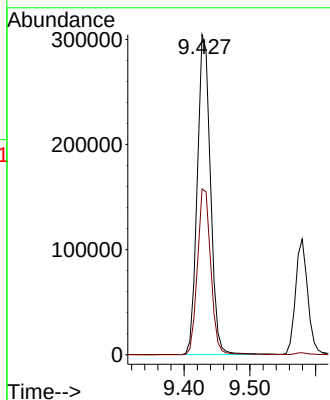
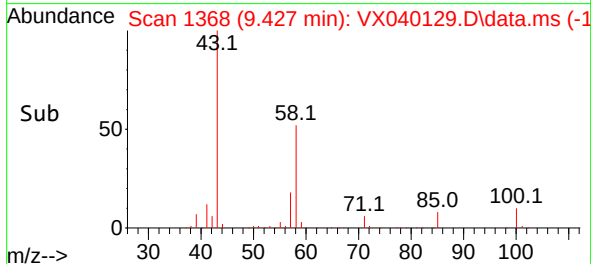
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 422868
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5

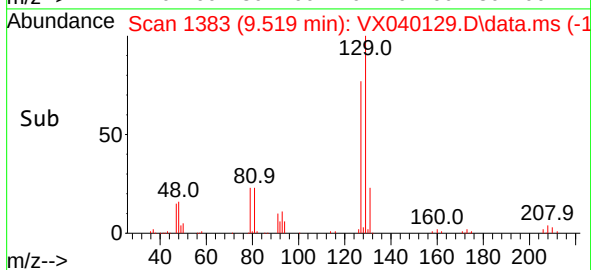
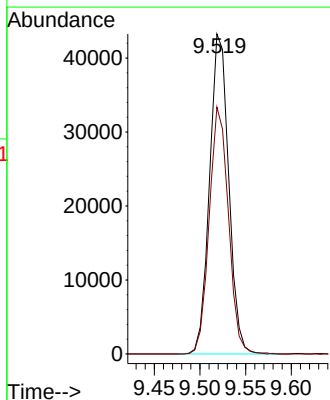
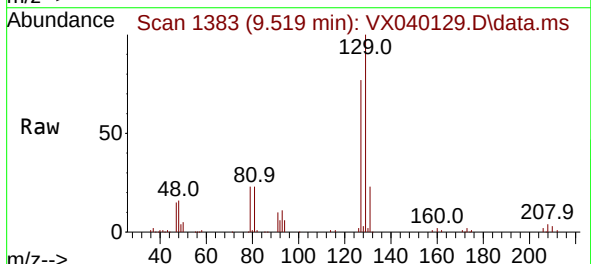
Manual Integrations
APPROVED

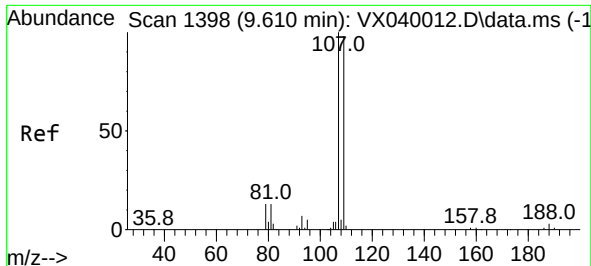
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#60
Dibromochloromethane
Concen: 50.631 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

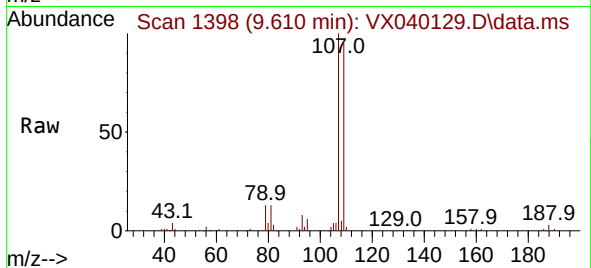
Tgt Ion:129 Resp: 63027
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.127 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

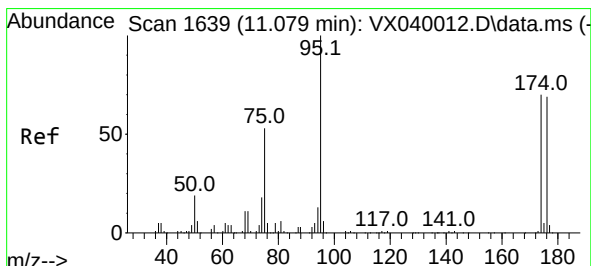
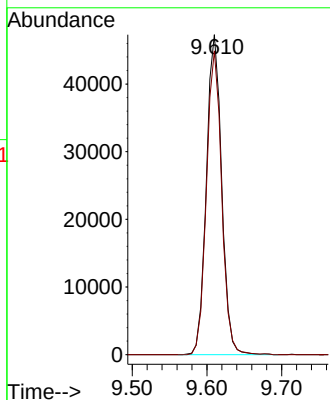
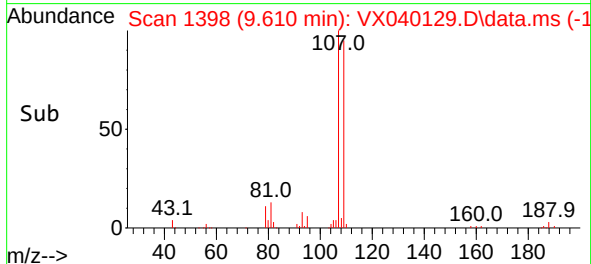
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



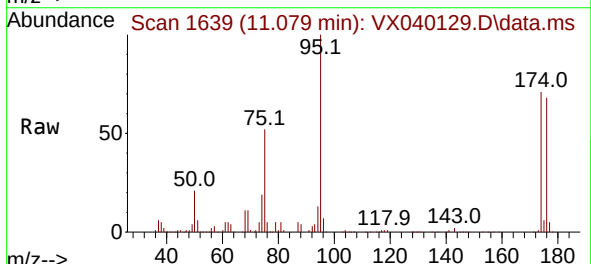
Tgt Ion:107 Resp: 67139
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

Manual Integrations
APPROVED

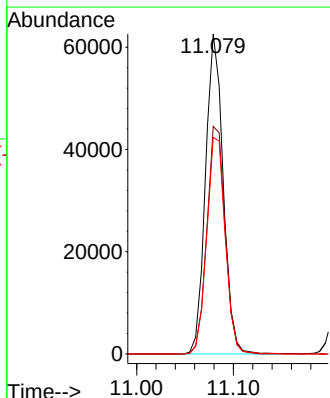
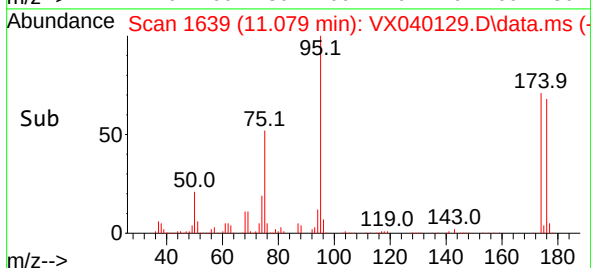
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

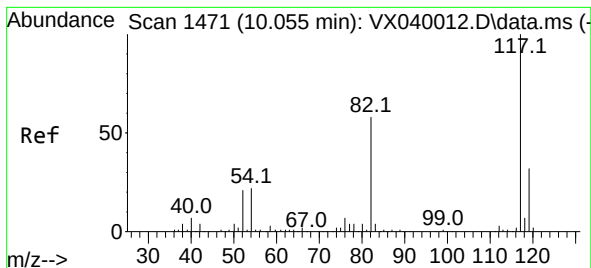


#62
4-Bromofluorobenzene
Concen: 48.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17



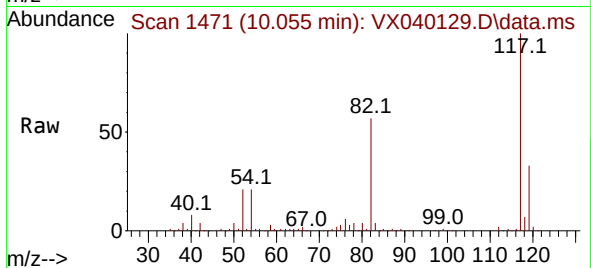
Tgt Ion: 95 Resp: 79673
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

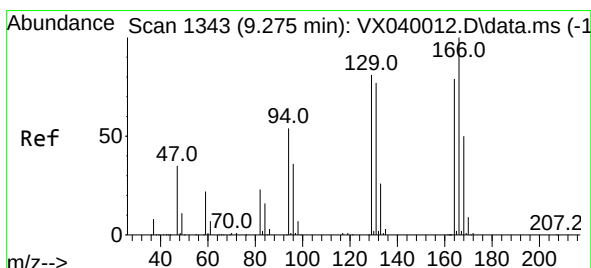
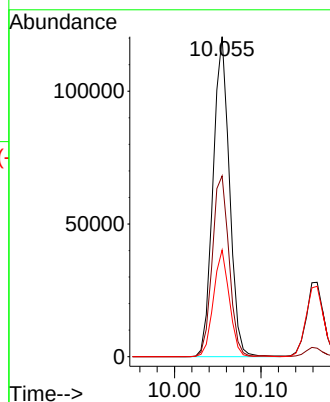
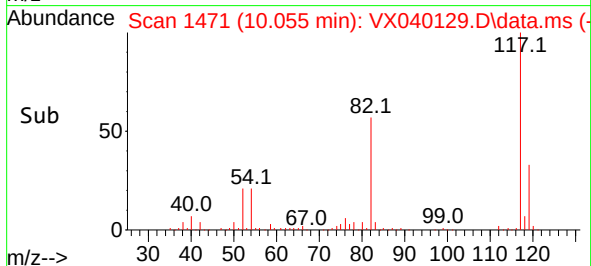
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 158440
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 33.4 25.5 38.3

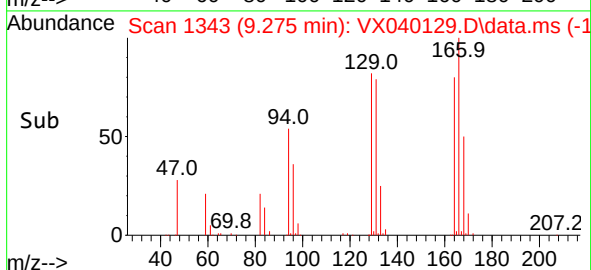
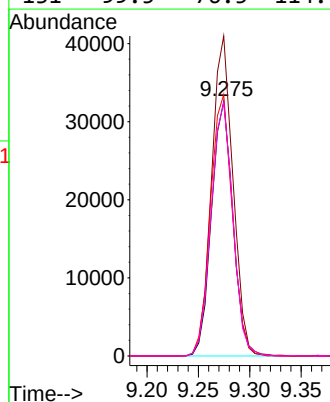
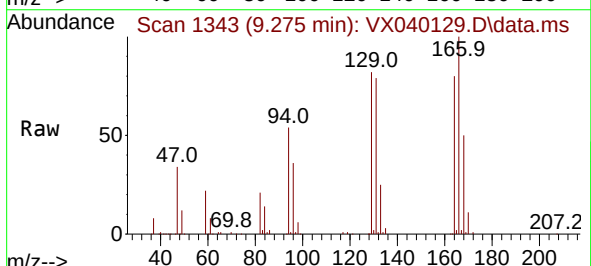
Manual Integrations
APPROVED

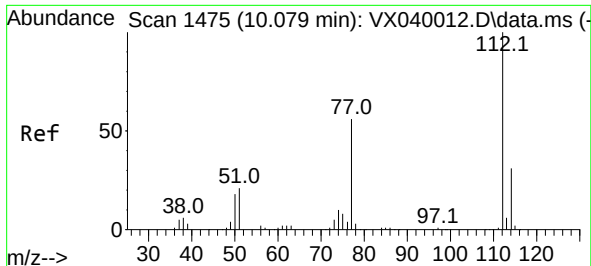
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#64
Tetrachloroethene
Concen: 45.559 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

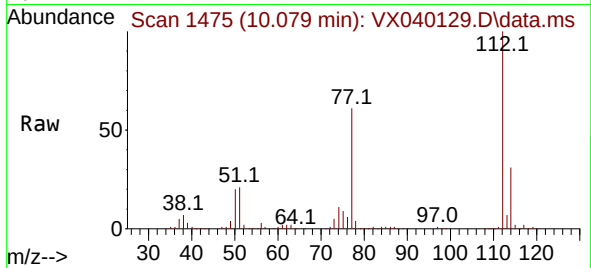
Tgt Ion:164 Resp: 46970
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 102.7 80.4 120.6
131 99.5 76.5 114.7





#65
Chlorobenzene
Concen: 48.924 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

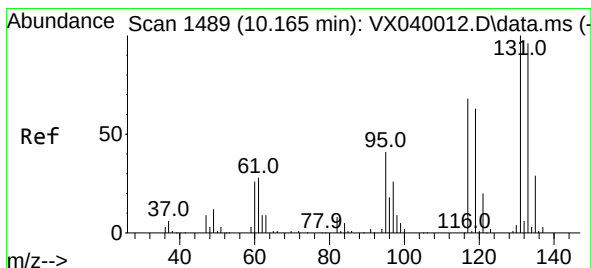
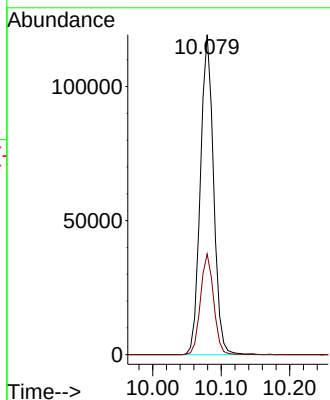
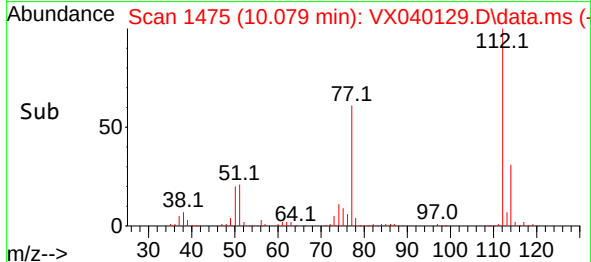
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 160229
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

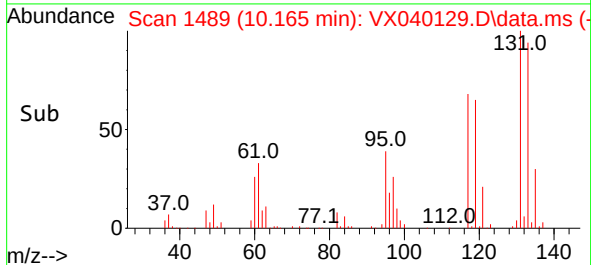
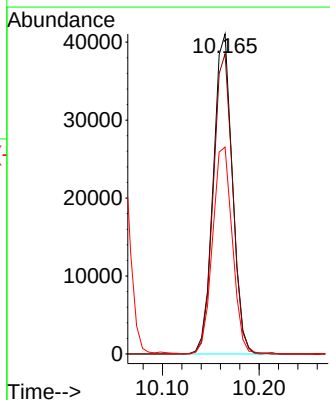
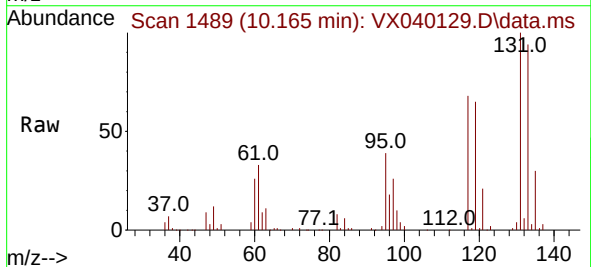
Manual Integrations
APPROVED

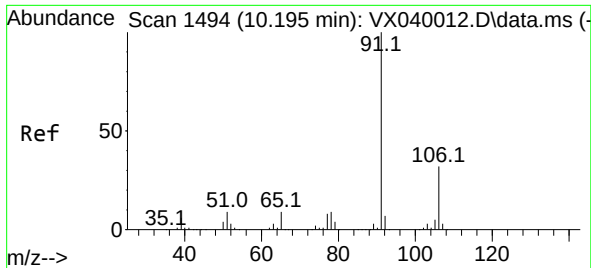
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.824 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

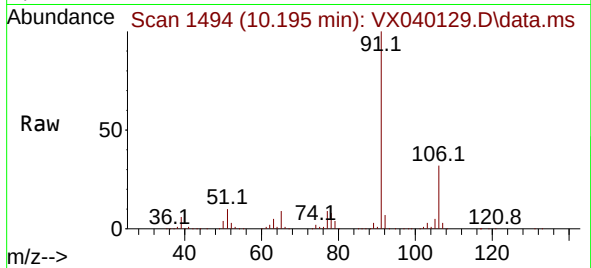
Tgt Ion:131 Resp: 56212
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 67.2 32.2 96.6





#67
Ethyl Benzene
Concen: 49.280 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

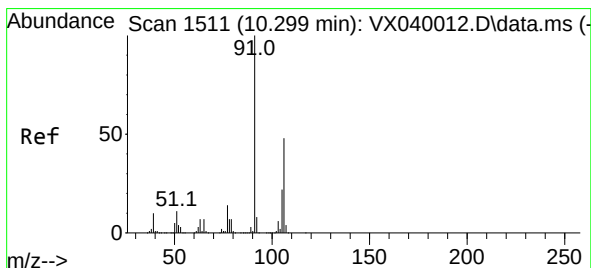
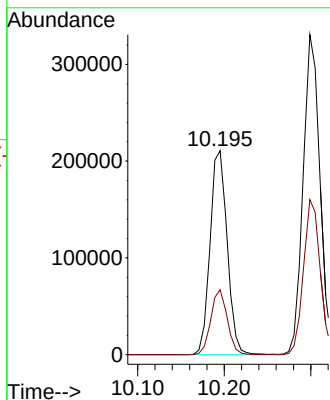
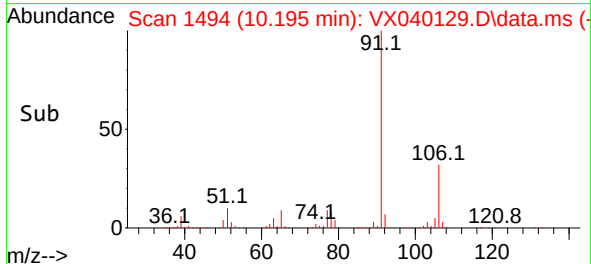
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



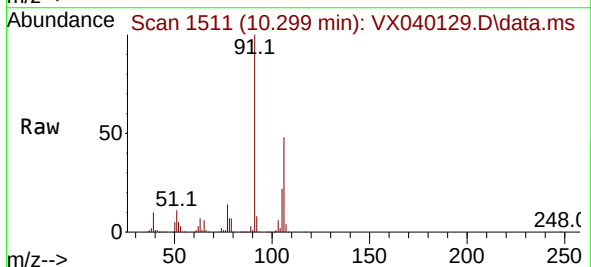
Tgt Ion: 91 Resp: 28957
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

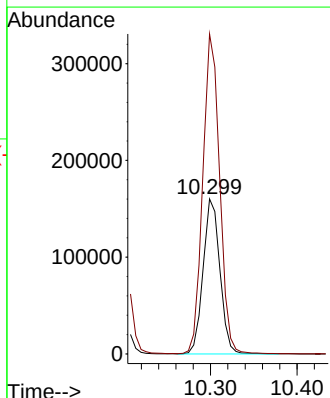
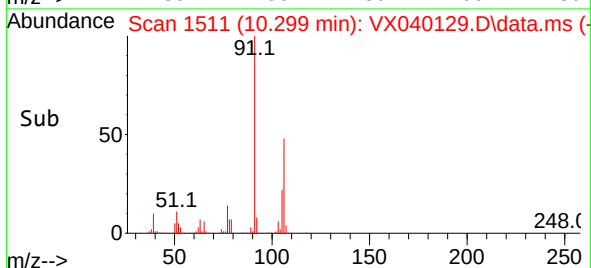
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

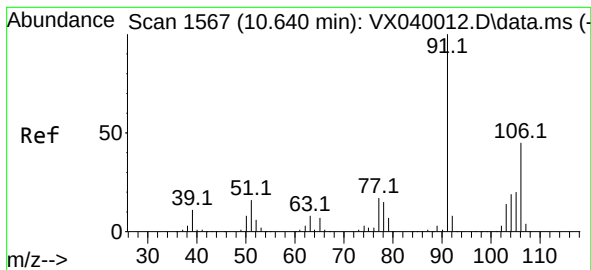


#68
m/p-Xylenes
Concen: 97.407 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17



Tgt Ion:106 Resp: 215331
Ion Ratio Lower Upper
106 100
91 207.9 165.5 248.3





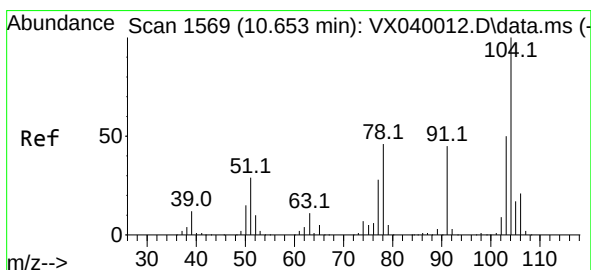
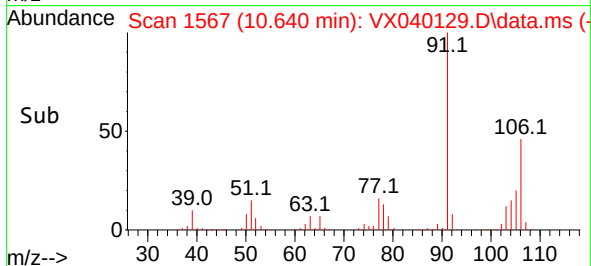
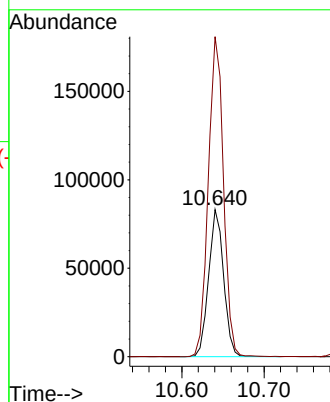
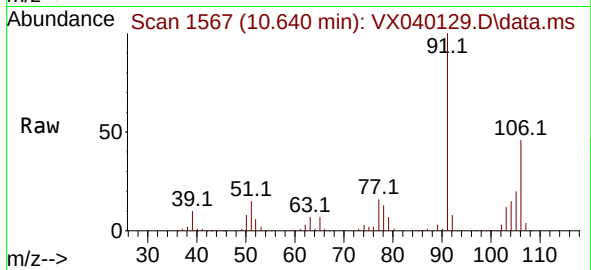
#69
o-Xylene
Concen: 50.253 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10537
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.8

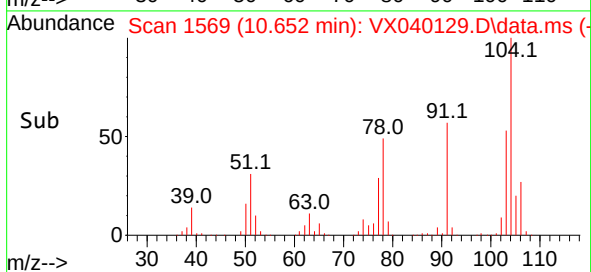
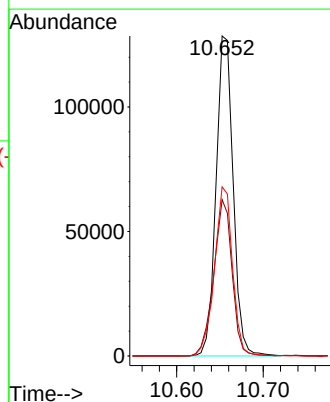
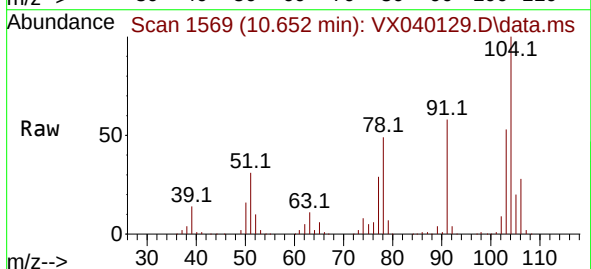
Manual Integrations
APPROVED

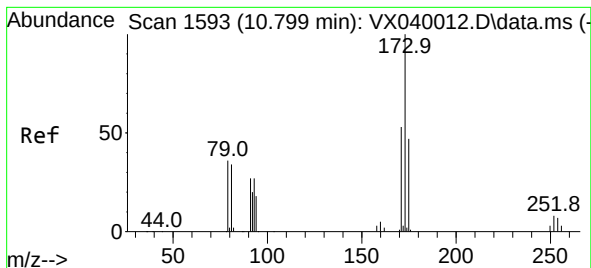
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#70
Styrene
Concen: 49.930 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion:104 Resp: 176461
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 47.016 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

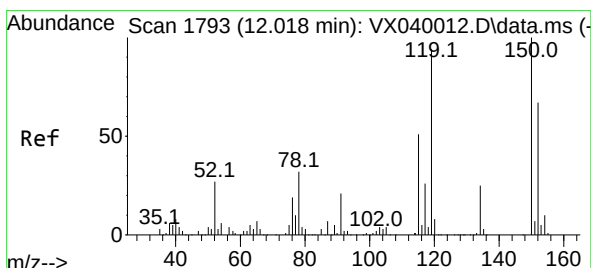
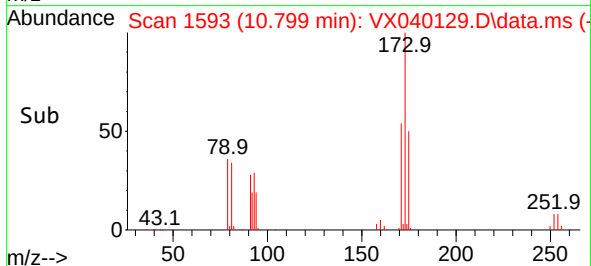
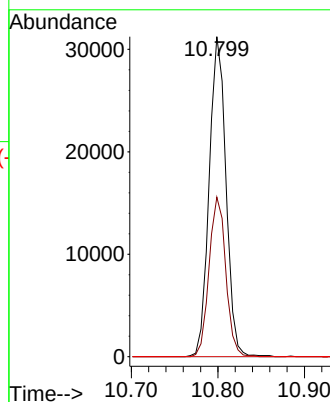
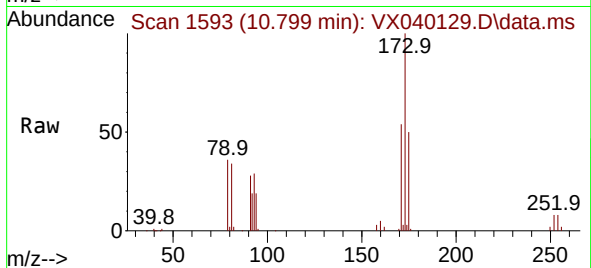
Tgt Ion:173 Resp: 4205
 Ion Ratio Lower Upper
 173 100
 175 49.6 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

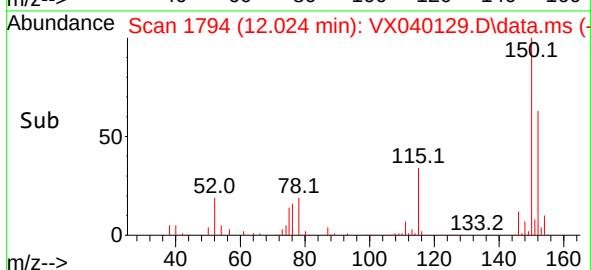
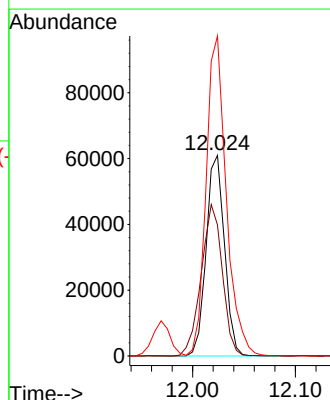
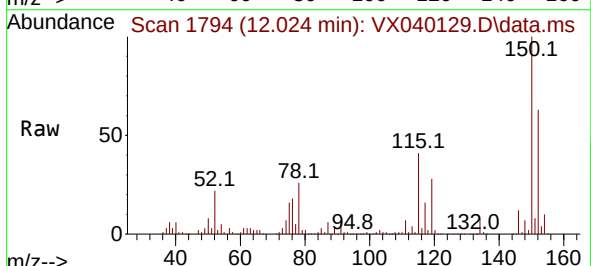
RT: 12.024 min Scan# 1794

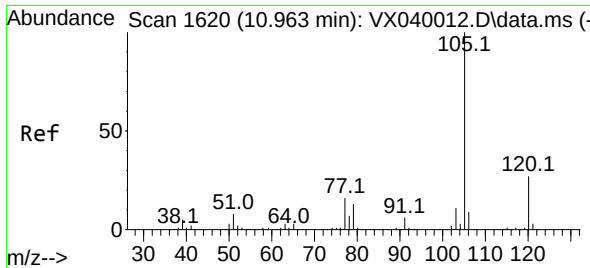
Delta R.T. 0.006 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

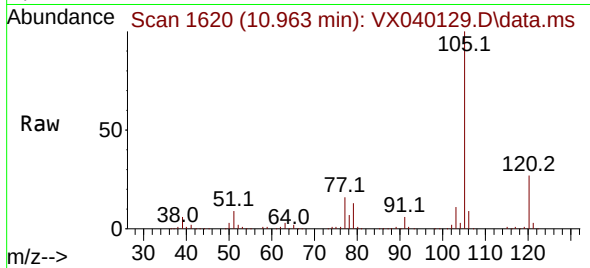
Tgt Ion:152 Resp: 75721
 Ion Ratio Lower Upper
 152 100
 115 87.1 43.3 129.9
 150 175.5 0.0 345.0





#73
Isopropylbenzene
Concen: 48.199 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

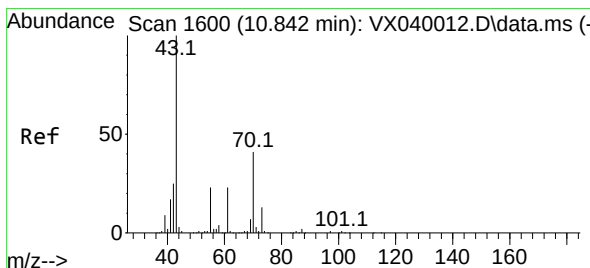
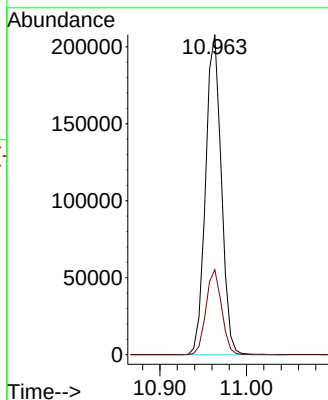
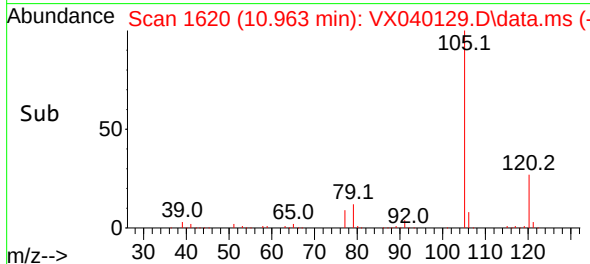
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 262074
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

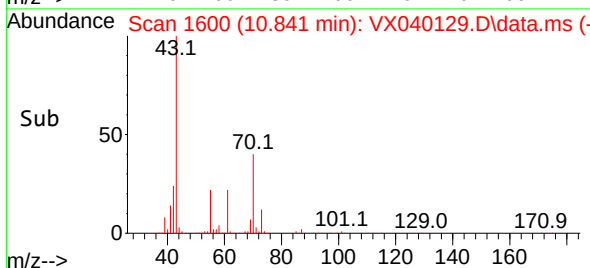
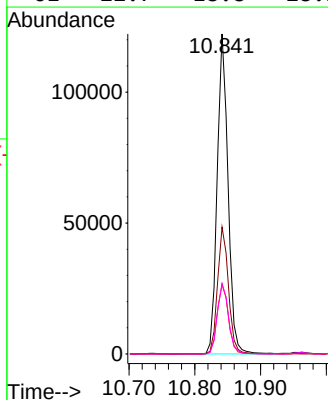
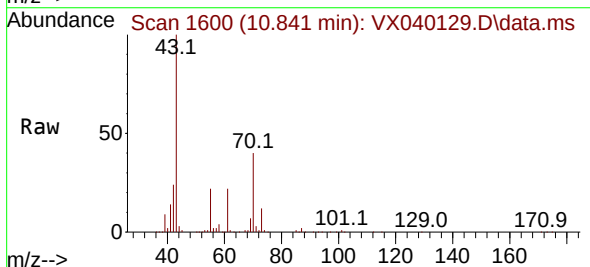
Manual Integrations
APPROVED

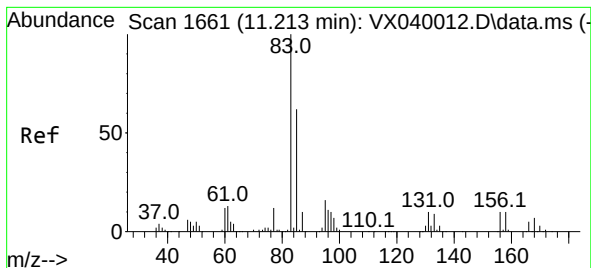
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#74
N-ethyl acetate
Concen: 54.034 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

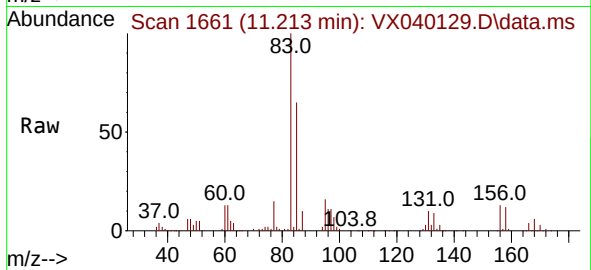
Tgt Ion: 43 Resp: 140563
Ion Ratio Lower Upper
43 100
70 40.0 32.9 49.3
55 22.7 19.3 28.9
61 22.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.232 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

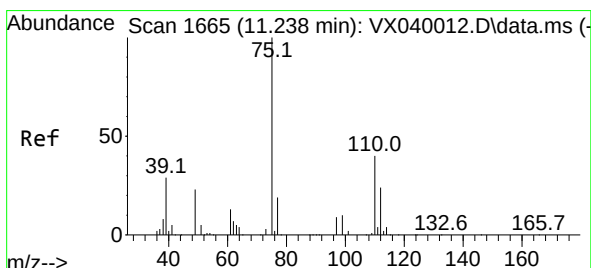
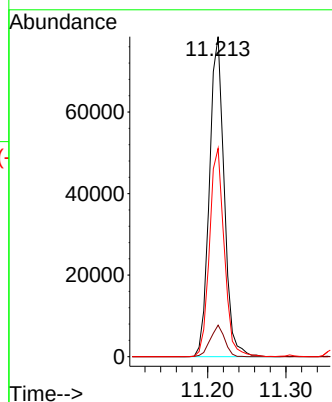
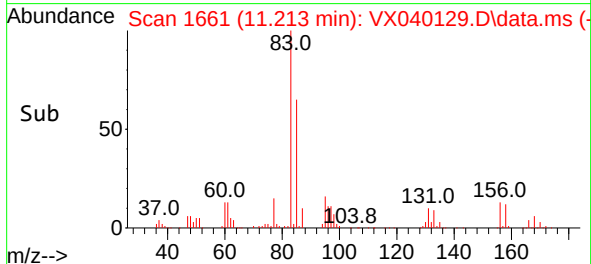
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



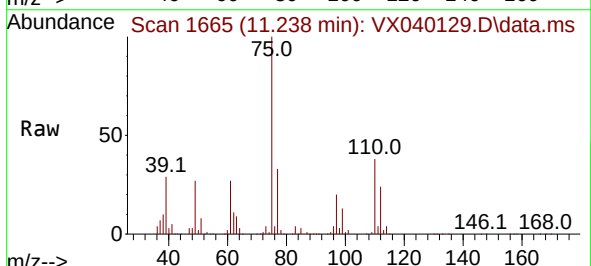
Tgt Ion: 83 Resp: 102688
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

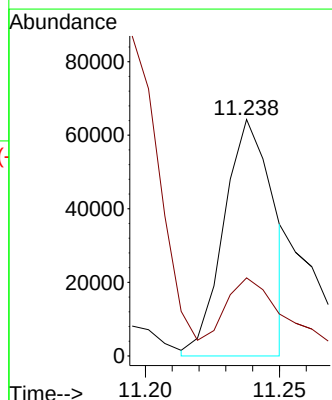
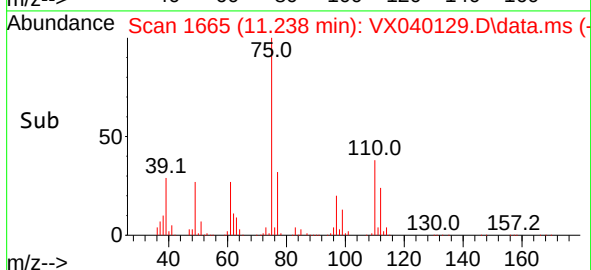
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

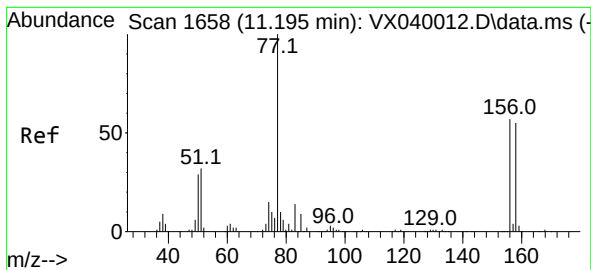


#76
1,2,3-Trichloropropane
Concen: 51.193 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17



Tgt Ion: 75 Resp: 82549
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77

Bromobenzene

Concen: 50.753 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

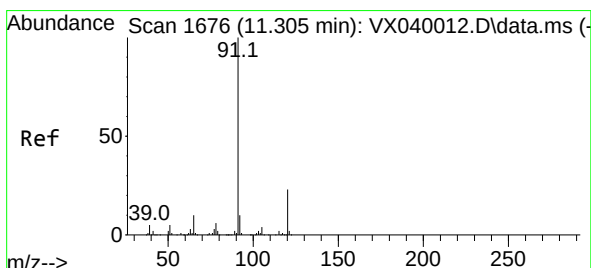
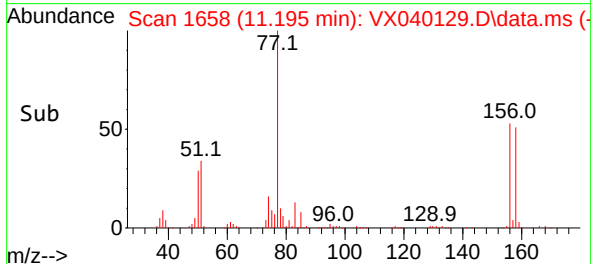
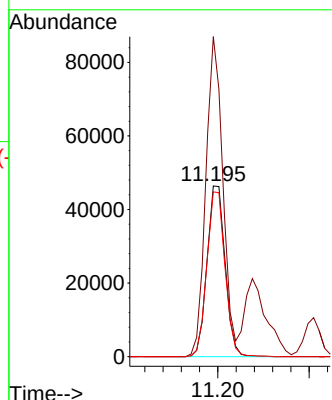
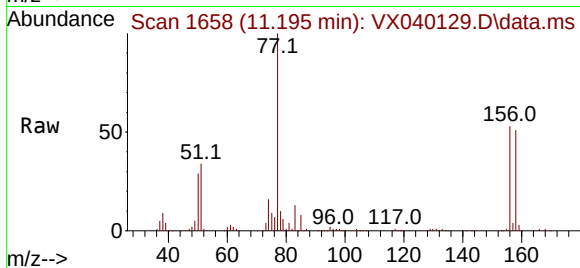
Tgt Ion:	156	Resp:	6365
Ion Ratio	Lower	Upper	
156	100		
77	175.5	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#78

n-propylbenzene

Concen: 46.559 ug/l

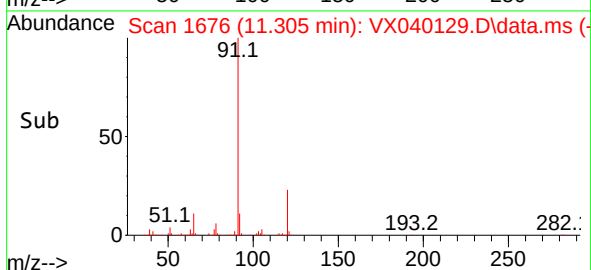
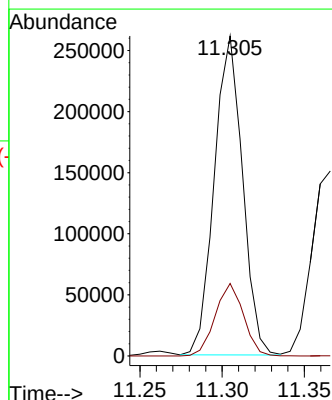
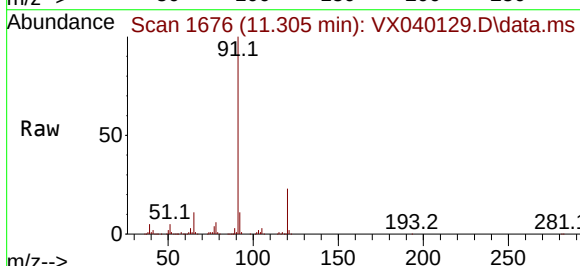
RT: 11.305 min Scan# 1676

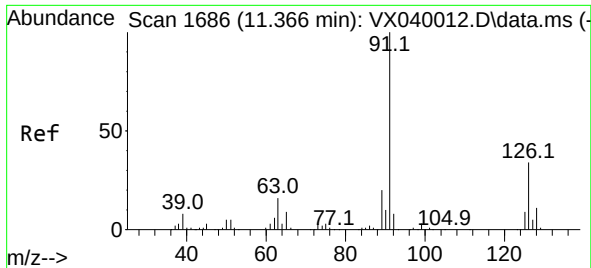
Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Tgt Ion:	91	Resp:	311528
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





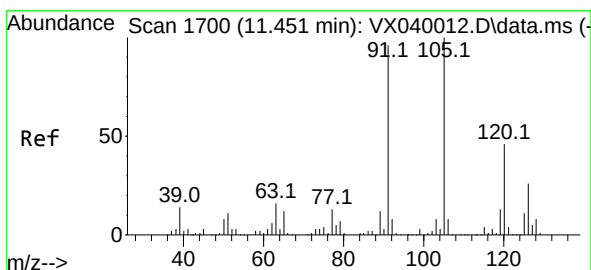
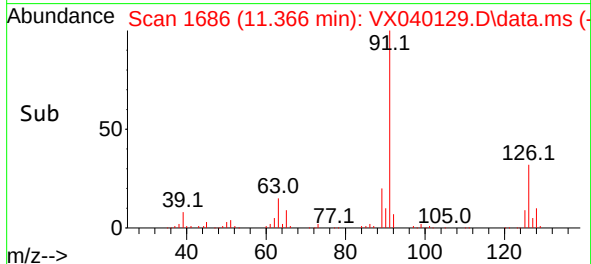
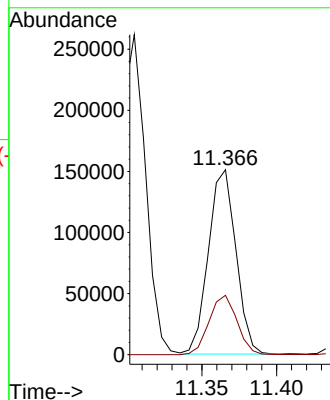
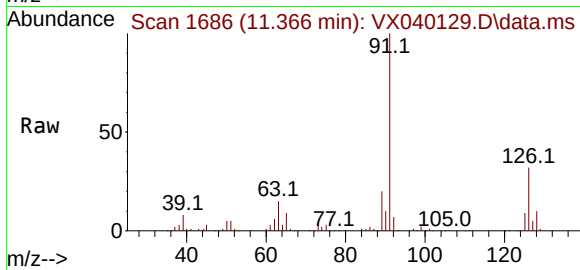
#79
2-Chlorotoluene
Concen: 48.072 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19364
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

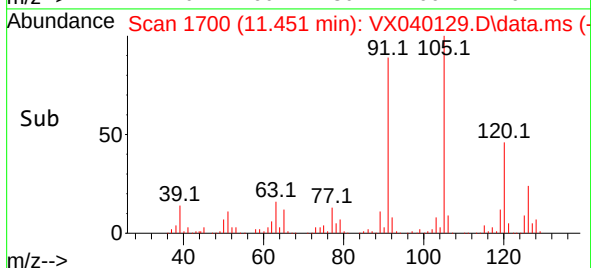
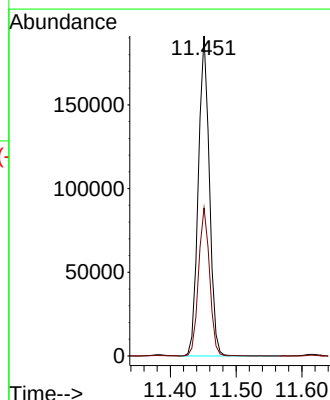
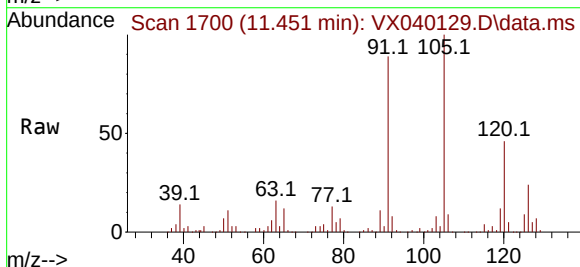
Manual Integrations
APPROVED

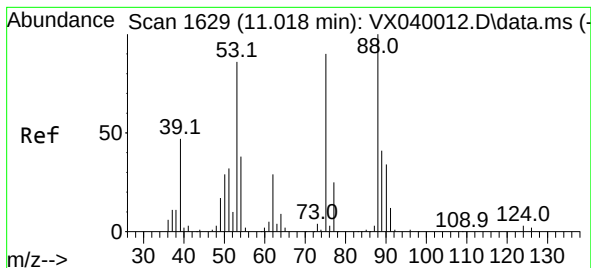
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.541 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

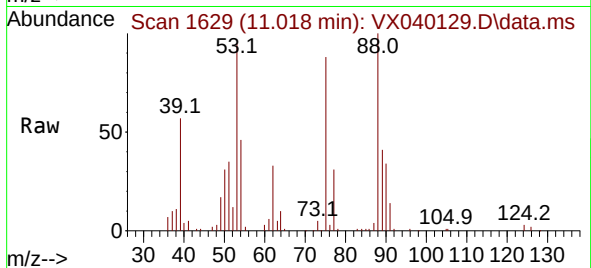
Tgt Ion:105 Resp: 222207
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.477 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

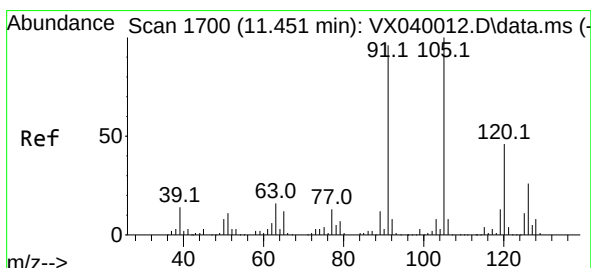
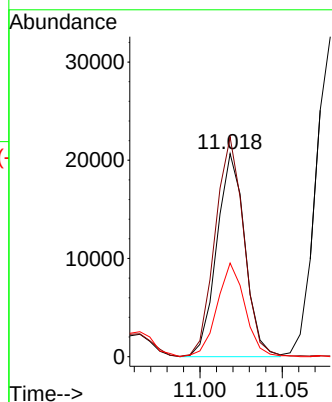
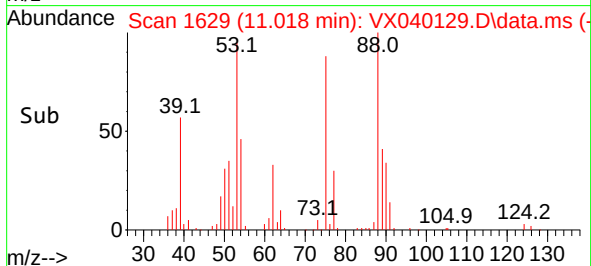
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2467
Ion Ratio Lower Upper
75 100
53 109.2 90.5 135.7
89 45.5 36.9 55.3

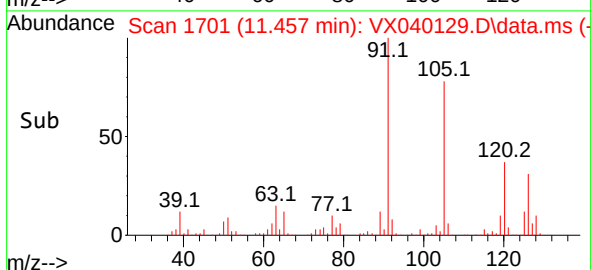
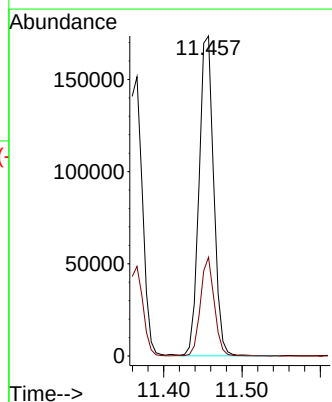
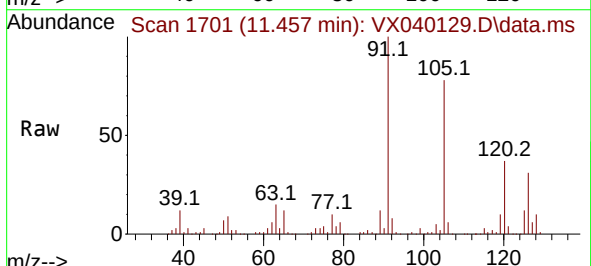
Manual Integrations
APPROVED

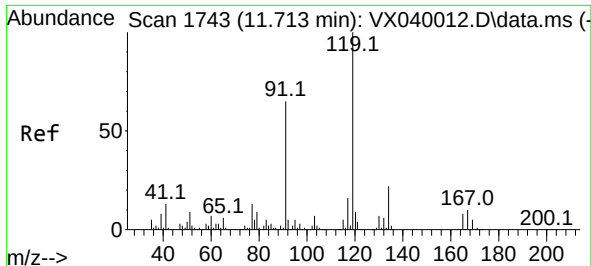
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#82
4-Chlorotoluene
Concen: 48.732 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

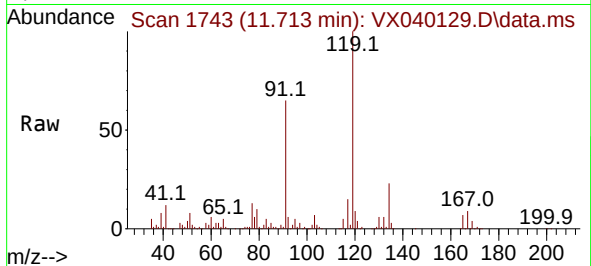
Tgt Ion: 91 Resp: 225301
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.655 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

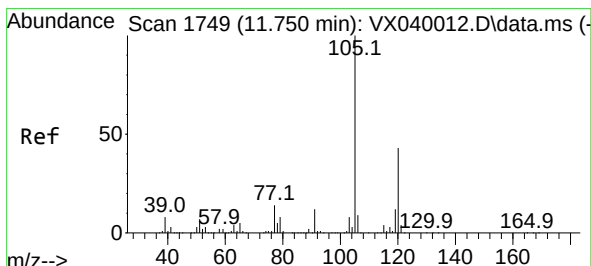
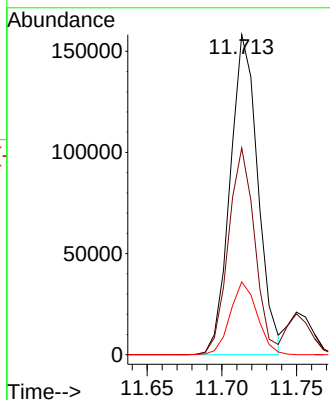
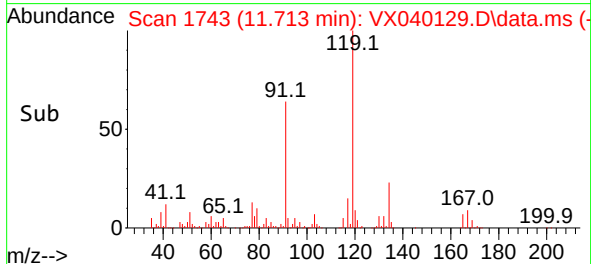
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 204200
Ion Ratio Lower Upper
119 100
91 61.6 31.2 93.6
134 22.2 11.7 35.0

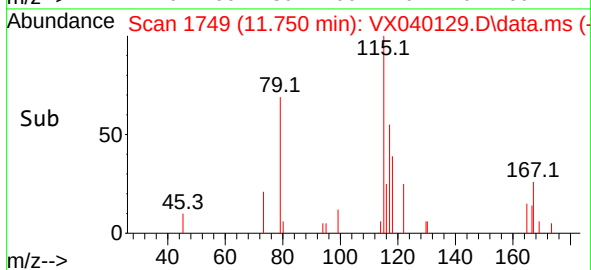
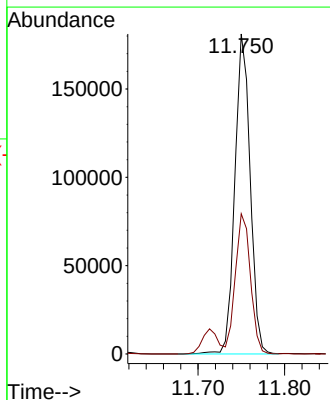
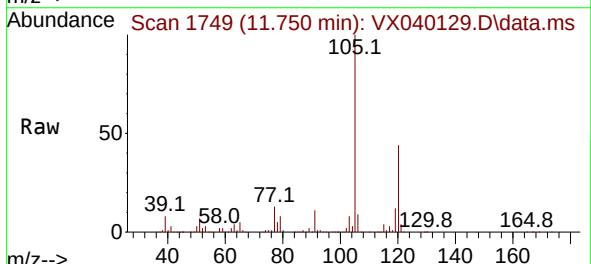
Manual Integrations
APPROVED

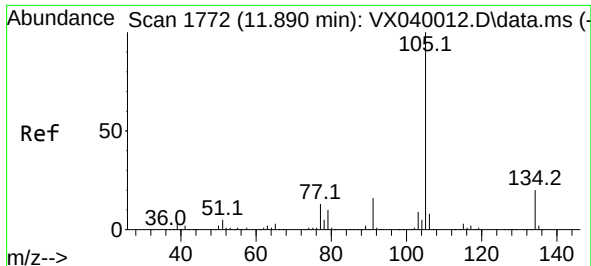
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#84
1,2,4-Trimethylbenzene
Concen: 47.658 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion:105 Resp: 222277
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 42.485 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040129.D
 Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

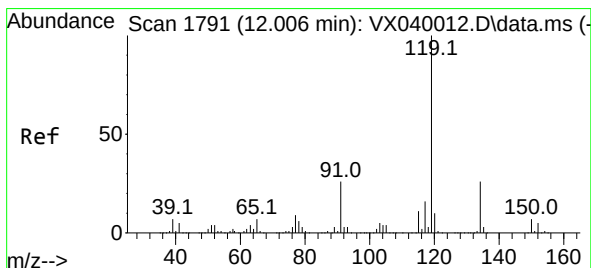
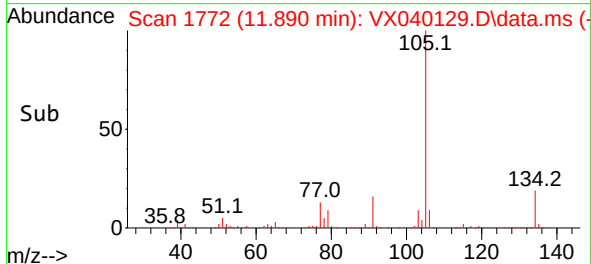
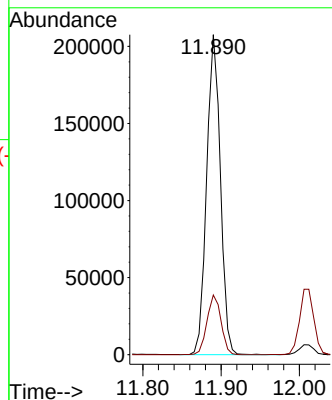
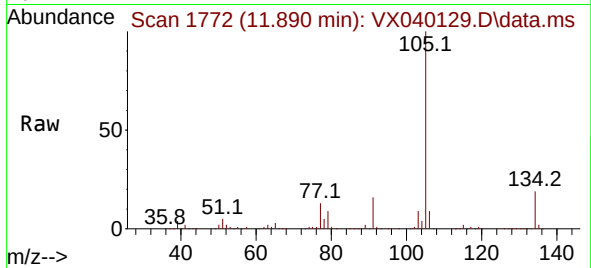
Tgt Ion:105 Resp: 25175
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations

APPROVED

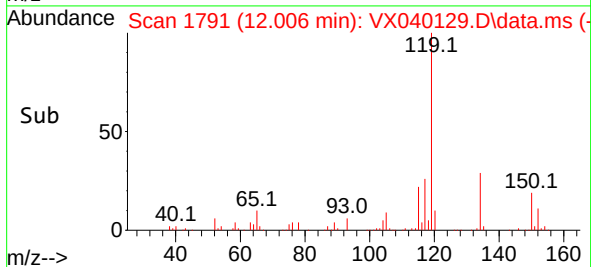
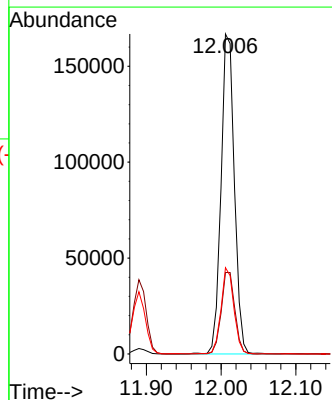
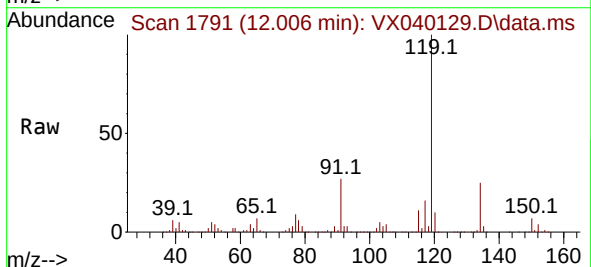
Reviewed By :John Carlone 02/06/2024

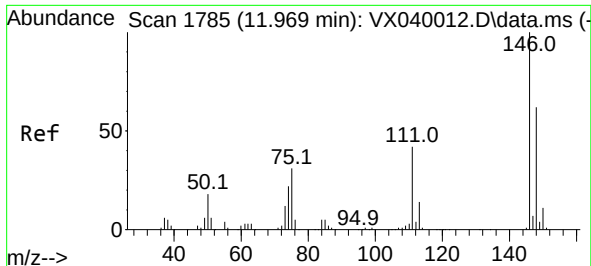
Supervised By :Mahesh Dadoda 02/06/2024



#86
 p-Isopropyltoluene
 Concen: 42.749 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040129.D
 Acq: 05 Feb 2024 20:17

Tgt Ion:119 Resp: 206852
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.357 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 11982

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.1

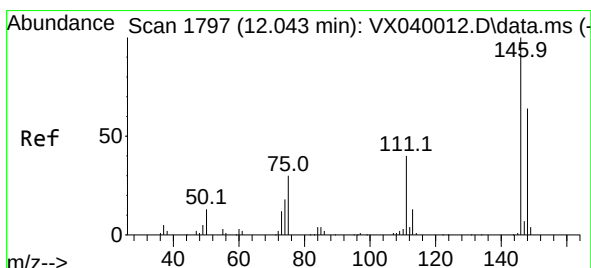
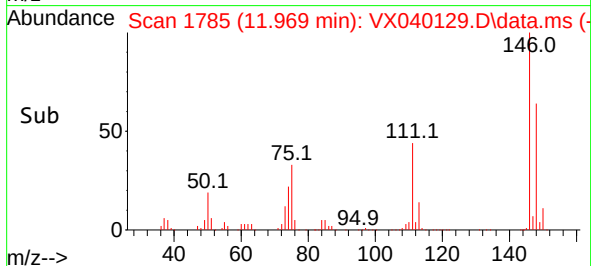
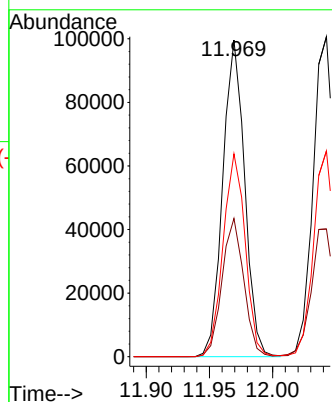
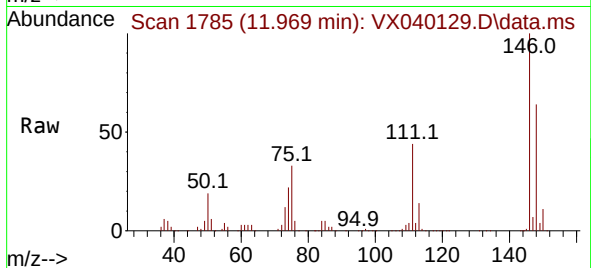
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#88

1,4-Dichlorobenzene

Concen: 47.974 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

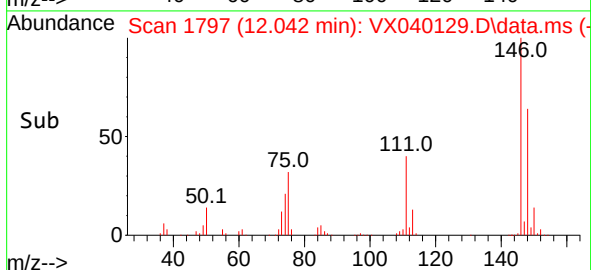
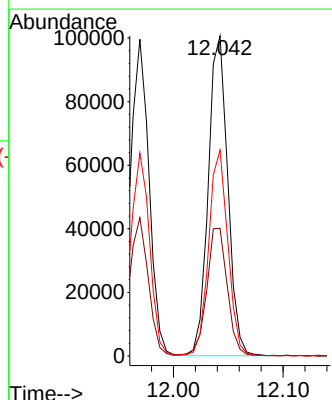
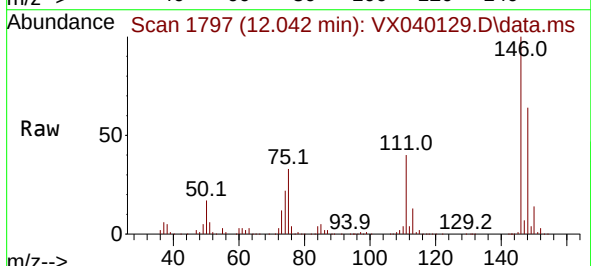
Tgt Ion:146 Resp: 124259

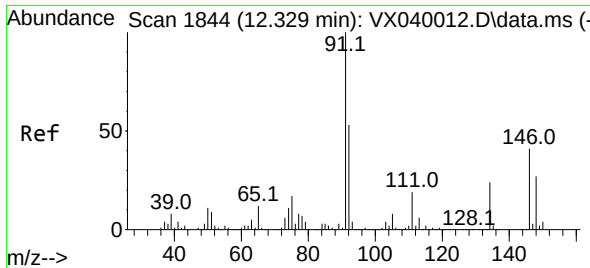
Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

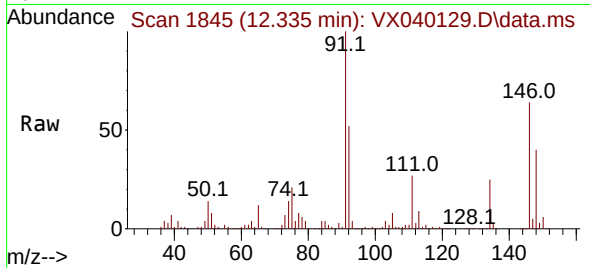
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 40.484 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

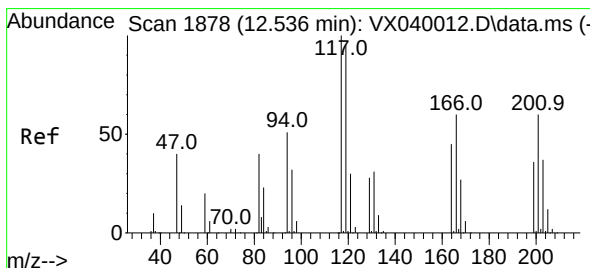
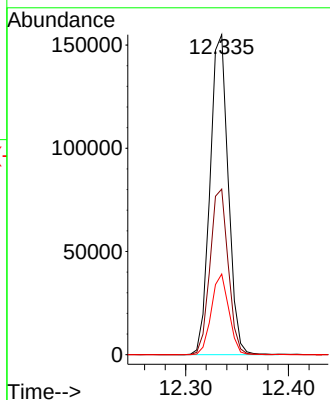
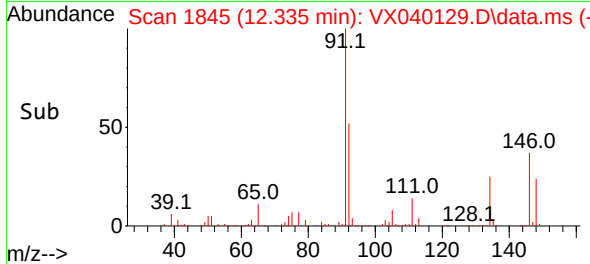
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 190130
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 24.3 12.6 37.8

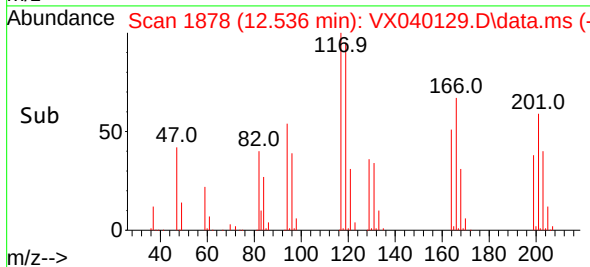
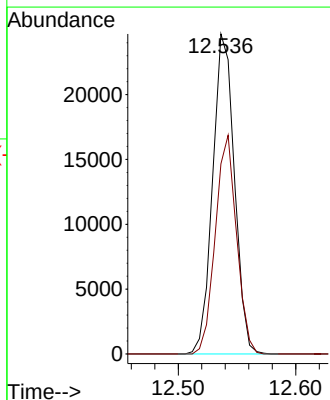
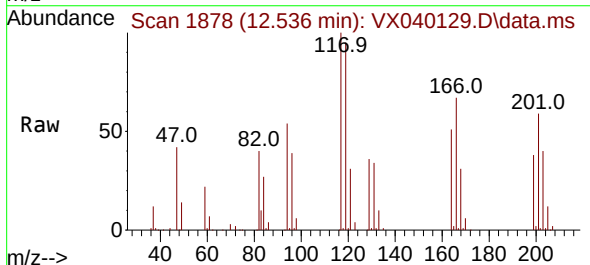
Manual Integrations
APPROVED

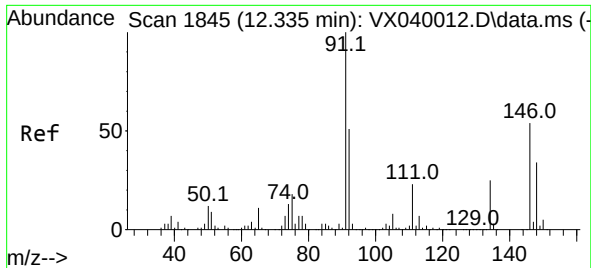
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#90
Hexachloroethane
Concen: 40.818 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

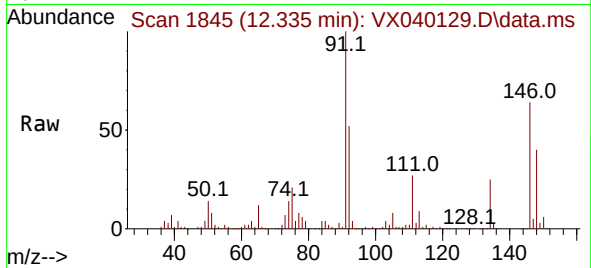
Tgt Ion:117 Resp: 31751
Ion Ratio Lower Upper
117 100
201 66.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.277 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

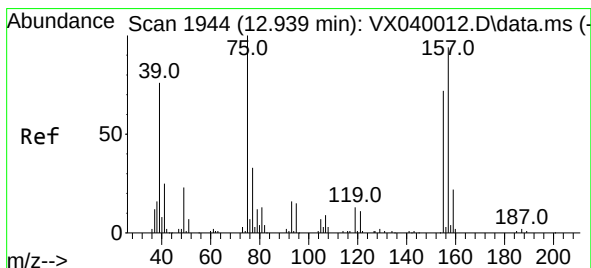
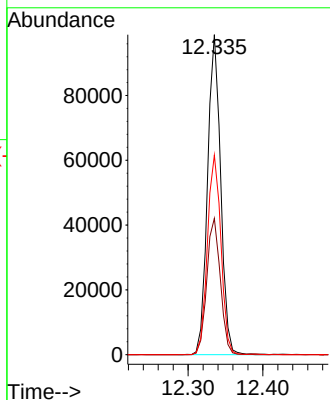
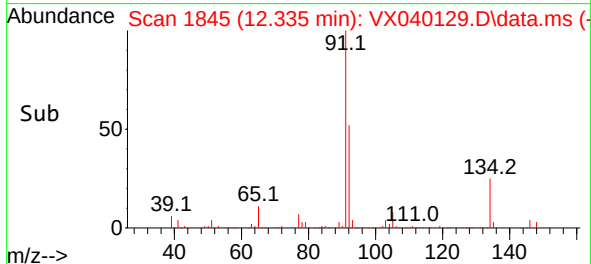
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 120219
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 64.3 31.6 95.0

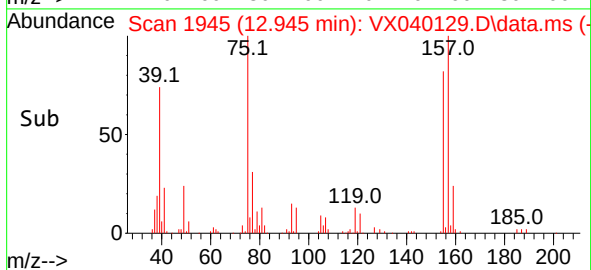
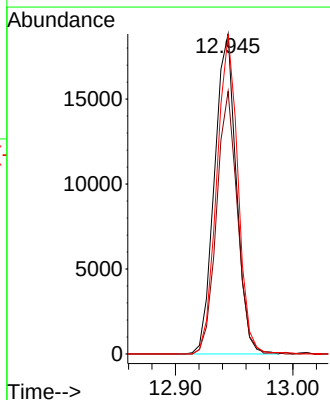
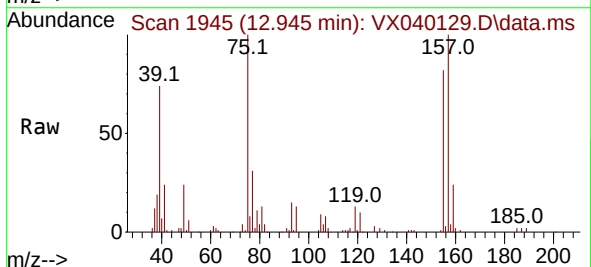
Manual Integrations
APPROVED

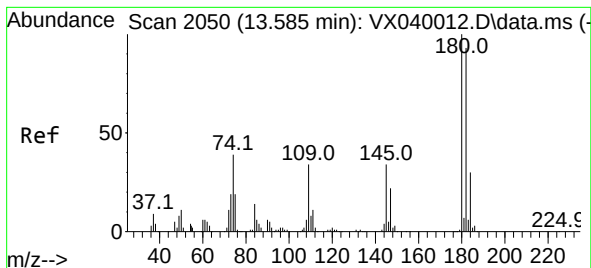
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.403 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

Tgt Ion: 75 Resp: 24283
Ion Ratio Lower Upper
75 100
155 78.3 36.1 108.5
157 96.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 44.386 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

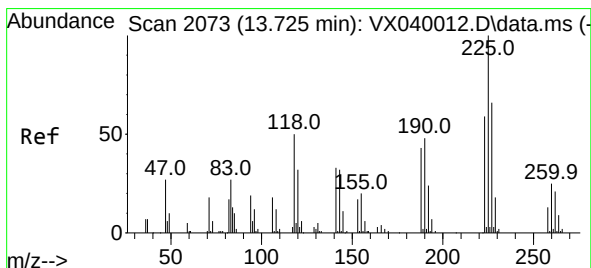
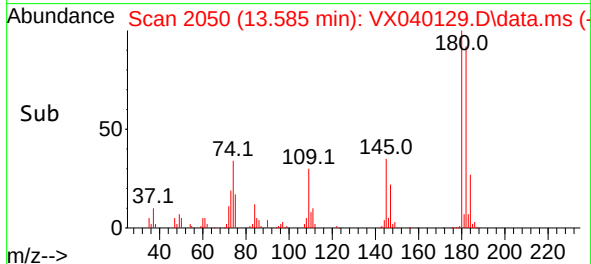
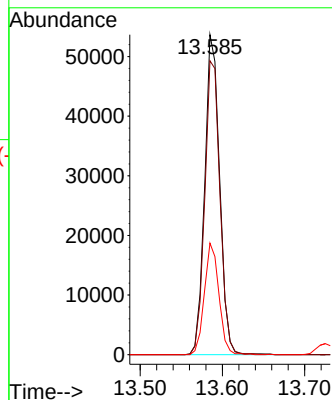
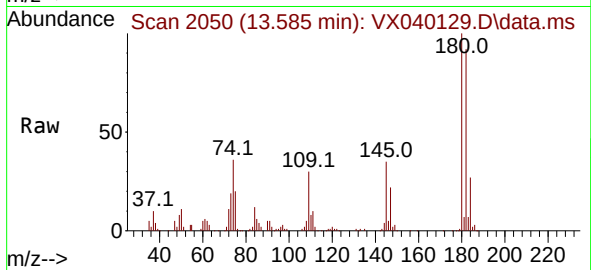
Tgt Ion:180	Resp:	6769
Ion Ratio	Lower	Upper
180	100	
182	94.1	48.3 144.8
145	34.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#94

Hexachlorobutadiene

Concen: 33.424 ug/l

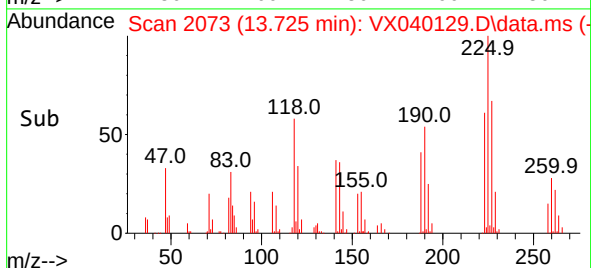
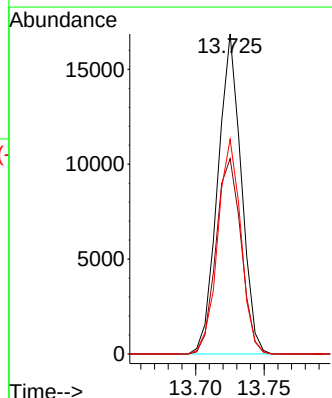
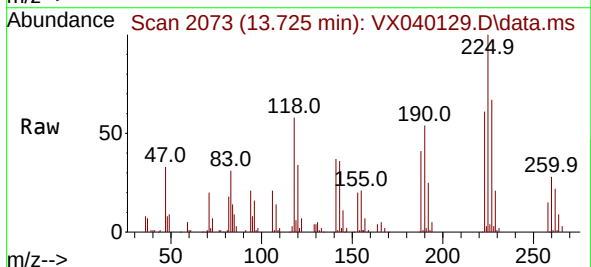
RT: 13.725 min Scan# 2073

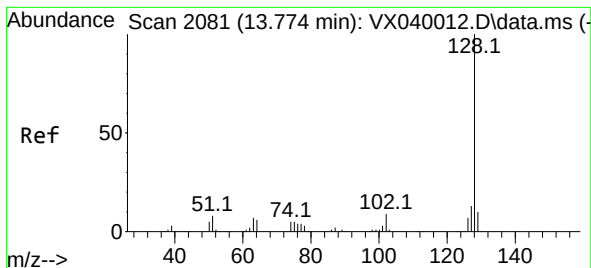
Delta R.T. -0.000 min

Lab File: VX040129.D

Acq: 05 Feb 2024 20:17

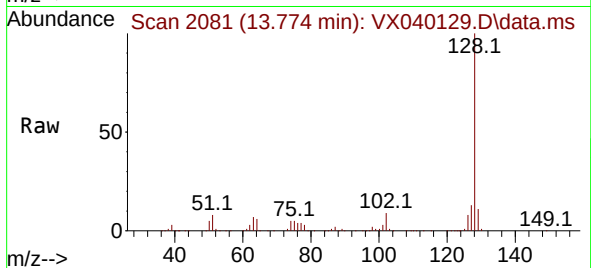
Tgt Ion:225	Resp:	20079
Ion Ratio	Lower	Upper
225	100	
223	65.1	31.1 93.2
227	66.1	32.5 97.5





#95
Naphthalene
Concen: 52.521 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17

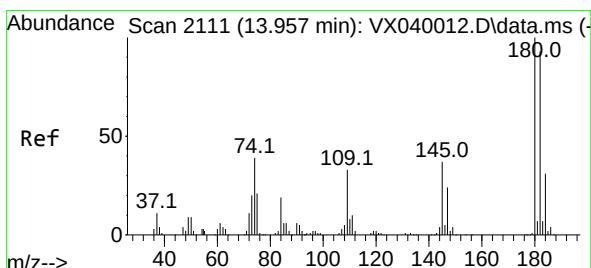
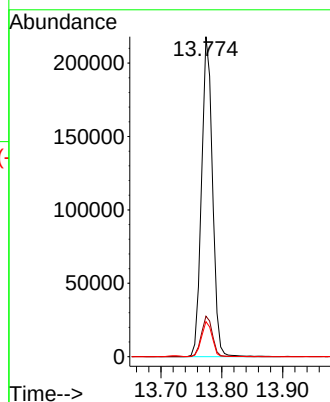
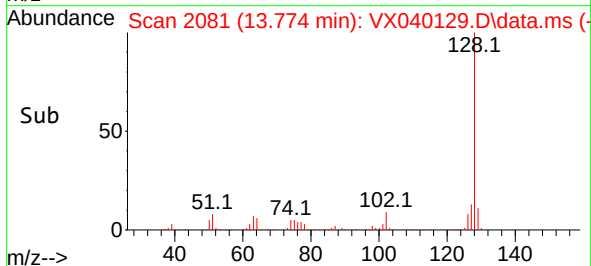
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



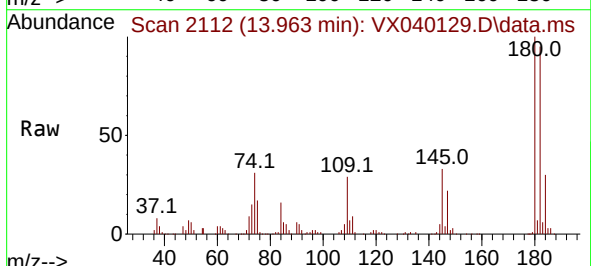
Tgt Ion:128 Resp: 272050
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.788 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040129.D
Acq: 05 Feb 2024 20:17



Tgt Ion:180 Resp: 69042
Ion Ratio Lower Upper
180 100
182 93.1 46.9 140.6
145 35.0 17.8 53.5

