

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028635.D
 Acq On : 12 May 2022 13:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 12 14:15:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	214355	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	355268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145098	51.155	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.320%			
35) Dibromofluoromethane	5.385	113	117142	47.161	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.320%			
50) Toluene-d8	8.646	98	450069	47.310	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.620%			
62) 4-Bromofluorobenzene	11.085	95	170923	47.242	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	141497	85.746	ug/l	99
3) Chloromethane	1.294	50	124672	69.584	ug/l	99
4) Vinyl Chloride	1.373	62	140110	60.762	ug/l	99
5) Bromomethane	1.599	94	101863	45.720	ug/l	99
6) Chloroethane	1.678	64	91852	45.283	ug/l	97
7) Trichlorofluoromethane	1.885	101	226742	47.179	ug/l	99
8) Diethyl Ether	2.129	74	81225	48.724	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.324	101	116573	61.646	ug/l	95
10) Methyl Iodide	2.452	142	147275	62.692	ug/l	94
11) Tert butyl alcohol	2.958	59	148885	249.410	ug/l	99
12) 1,1-Dichloroethene	2.318	96	109013	60.978	ug/l	97
13) Acrolein	2.233	56	105490	299.225	ug/l	99
14) Allyl chloride	2.660	41	176477	60.258	ug/l	90
15) Acrylonitrile	3.062	53	348577	293.380	ug/l	100
16) Acetone	2.373	43	295768	299.493	ug/l	92
17) Carbon Disulfide	2.507	76	290195	61.162	ug/l	100
18) Methyl Acetate	2.702	43	151551	57.845	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	393544	55.853	ug/l	100
20) Methylene Chloride	2.788	84	125673	57.347	ug/l	94
21) trans-1,2-Dichloroethene	3.086	96	125954	54.653	ug/l	99
22) Diisopropyl ether	3.757	45	380180	57.993	ug/l #	88
23) Vinyl Acetate	3.714	43	1685499	294.735	ug/l	96
24) 1,1-Dichloroethane	3.605	63	220481	56.678	ug/l	98
25) 2-Butanone	4.550	43	485100	283.044	ug/l	96
26) 2,2-Dichloropropane	4.476	77	176739	48.533	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	143588	52.617	ug/l	99
28) Bromochloromethane	4.897	49	79732	49.901	ug/l	93
29) Tetrahydrofuran	4.995	42	316173	282.494	ug/l	93
30) Chloroform	5.092	83	239383	52.653	ug/l	96
31) Cyclohexane	5.464	56	204236	57.252	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	212294	51.867	ug/l	98
36) 1,1-Dichloropropene	5.690	75	178685	53.585	ug/l	99
37) Ethyl Acetate	4.708	43	191215	56.042	ug/l	96
38) Carbon Tetrachloride	5.677	117	185806	50.345	ug/l	98
39) Methylcyclohexane	7.378	83	209730	50.549	ug/l	95
40) Benzene	6.037	78	511634	52.830	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	97693	55.555	ug/l	94
42) 1,2-Dichloroethane	6.086	62	187987	52.263	ug/l	98
43) Isopropyl Acetate	6.336	43	295087	53.552	ug/l	95
44) Trichloroethene	7.122	130	141370	50.626	ug/l	93
45) 1,2-Dichloropropane	7.427	63	126841	53.182	ug/l	98
46) Dibromomethane	7.580	93	95127	51.221	ug/l	92
47) Bromodichloromethane	7.823	83	184297	51.848	ug/l	100
48) Methyl methacrylate	7.689	41	143763	56.223	ug/l	87
49) 1,4-Dioxane	7.659	88	68422	1027.162	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	971484	273.944	ug/l	94
52) Toluene	8.720	92	337661	50.659	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	195776	52.129	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	211916	52.201	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	136168	50.232	ug/l	99
56) Ethyl methacrylate	9.116	69	212632	53.715	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	226642	51.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	489526	265.924	ug/l	99
59) 2-Hexanone	9.433	43	769951	279.731	ug/l	91
60) Dibromochloromethane	9.524	129	140689	48.436	ug/l	97
61) 1,2-Dibromoethane	9.610	107	144471	49.139	ug/l	98
64) Tetrachloroethene	9.274	164	130169	49.366	ug/l	98
65) Chlorobenzene	10.079	112	361978	50.395	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	129855	48.890	ug/l	99
67) Ethyl Benzene	10.195	91	661174	54.370	ug/l	99
68) m/p-Xylenes	10.305	106	518435	105.688	ug/l	100
69) o-Xylene	10.646	106	250602	51.374	ug/l	97
70) Styrene	10.658	104	427761	53.873	ug/l	99
71) Bromoform	10.798	173	99684	48.186	ug/l #	100
73) Isopropylbenzene	10.963	105	661496	53.645	ug/l	99
74) N-amyl acetate	10.841	43	271148	61.622	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	217182	54.047	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	201358m	56.566	ug/l	
77) Bromobenzene	11.201	156	156743	49.468	ug/l	96
78) n-propylbenzene	11.304	91	778967	56.616	ug/l	100
79) 2-Chlorotoluene	11.365	91	462307	54.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	562388	54.000	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64329	54.172	ug/l #	87
82) 4-Chlorotoluene	11.457	91	543626	55.350	ug/l	100
83) tert-Butylbenzene	11.719	119	540398	51.259	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	566030	54.677	ug/l	99
85) sec-Butylbenzene	11.890	105	672263	52.687	ug/l	99
86) p-Isopropyltoluene	12.012	119	578291	52.744	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	307313	51.632	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	311478	49.945	ug/l	98
89) n-Butylbenzene	12.335	91	509274	55.846	ug/l	97
90) Hexachloroethane	12.542	117	94231	53.768	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	304062	51.410	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	48843	54.798	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	178108	50.614	ug/l	99
94) Hexachlorobutadiene	13.725	225	72259	46.494	ug/l	94
95) Naphthalene	13.774	128	655522	55.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	175338	50.890	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDICCC050

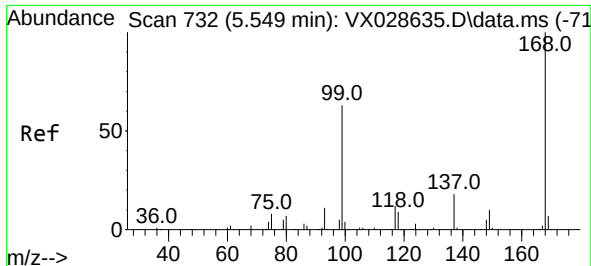
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:13:24 2022
Response via : Initial Calibration

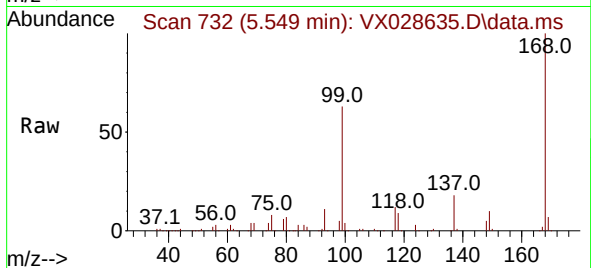
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.000 min
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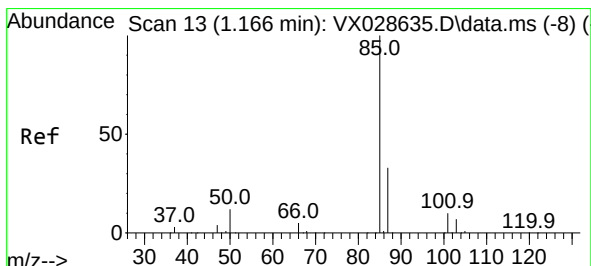
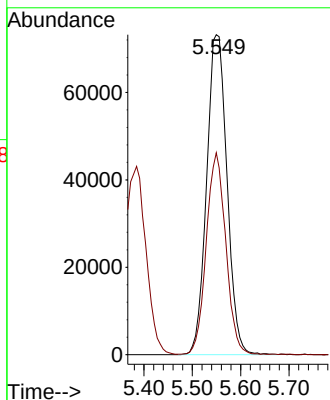
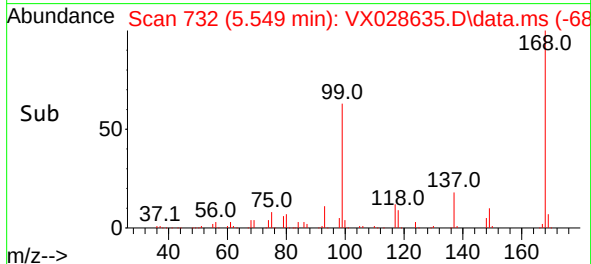
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



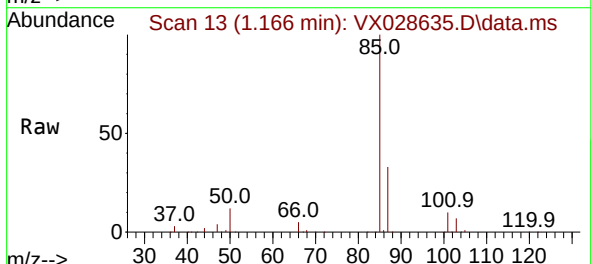
Tgt Ion:168 Resp: 21435
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5

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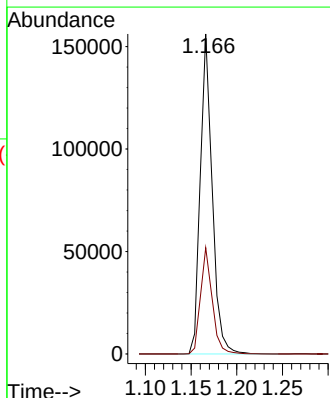
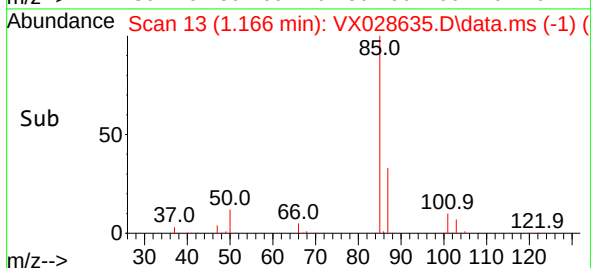
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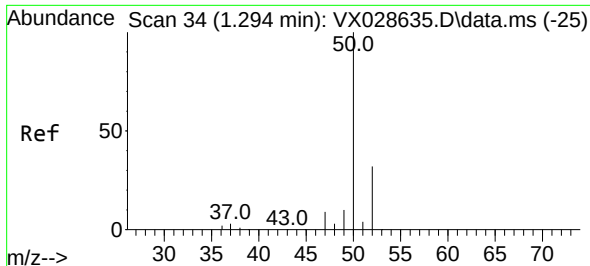


#2
Dichlorodifluoromethane
Concen: 85.746 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



Tgt Ion: 85 Resp: 141497
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





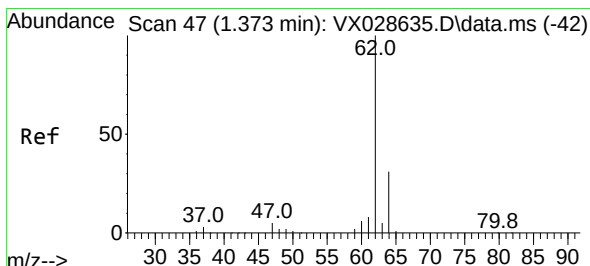
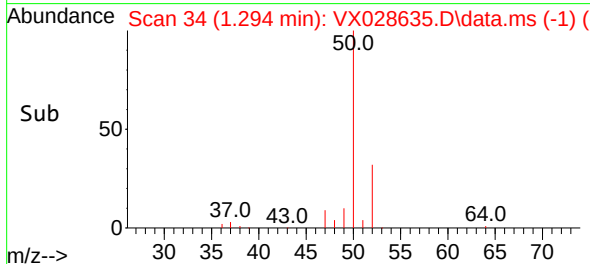
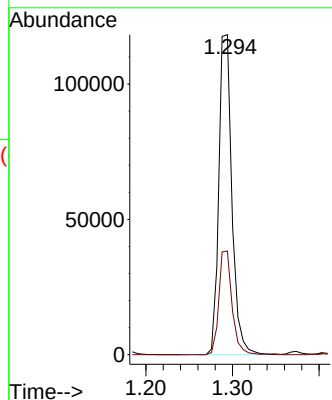
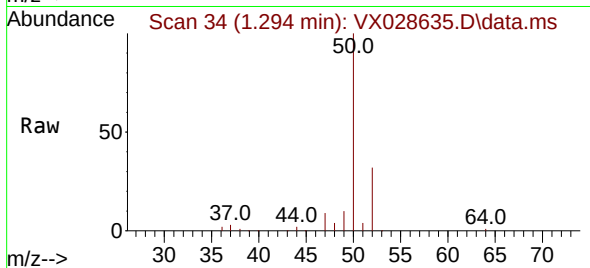
#3
Chloromethane
Concen: 69.584 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
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Tgt Ion: 50 Resp: 124672
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6

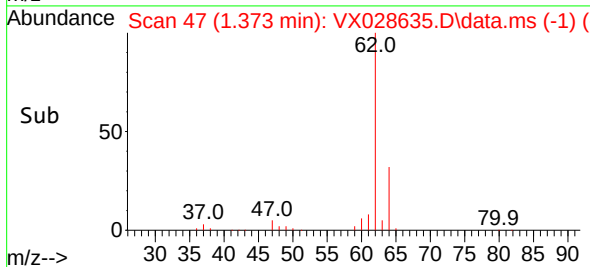
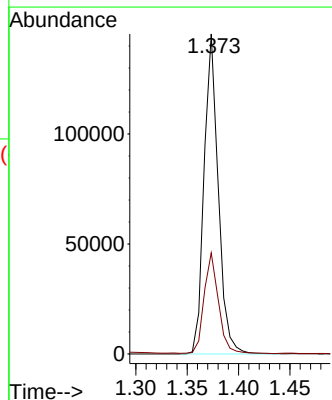
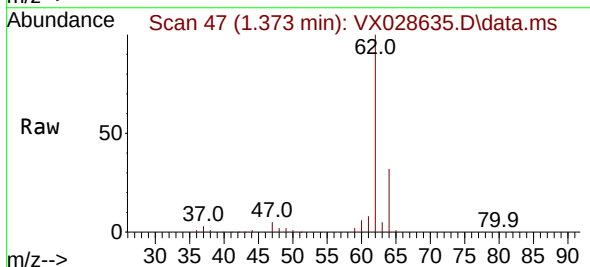
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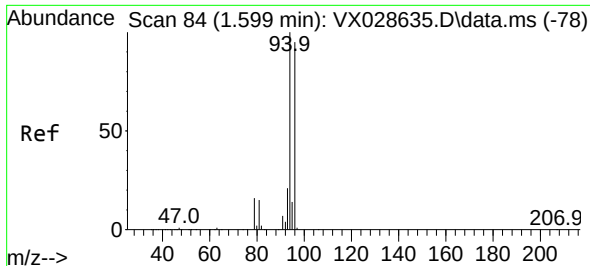
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 60.762 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

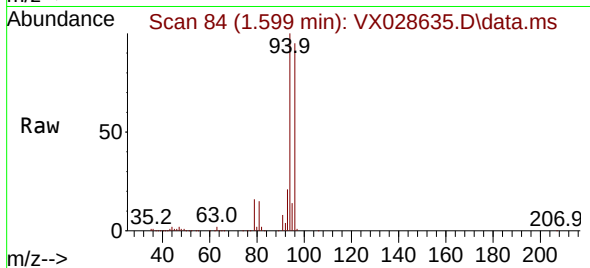
Tgt Ion: 62 Resp: 140110
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3





#5
Bromomethane
Concen: 45.720 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

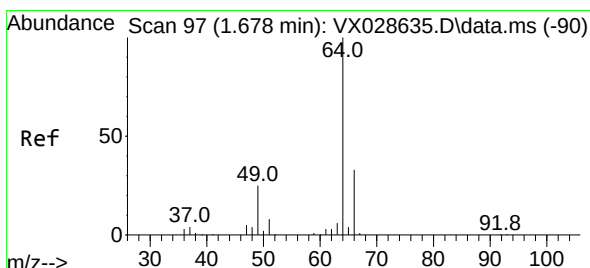
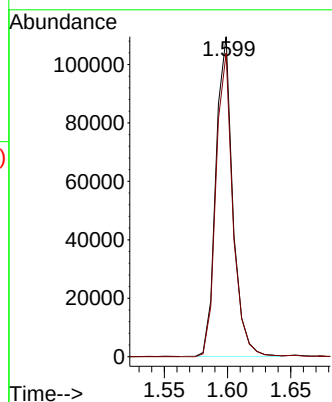
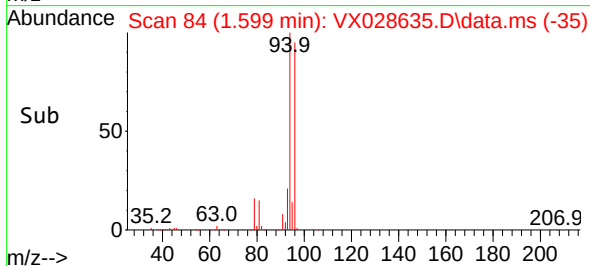
Instrument :
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Tgt Ion: 94 Resp: 10186
Ion Ratio Lower Upper
94 100
96 95.0 75.3 112.9

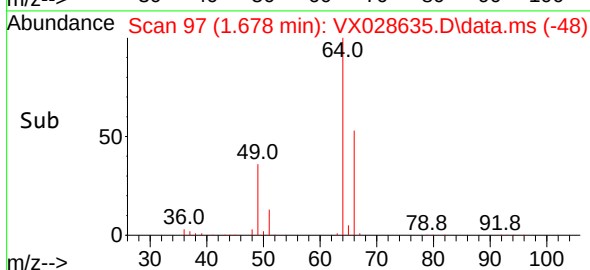
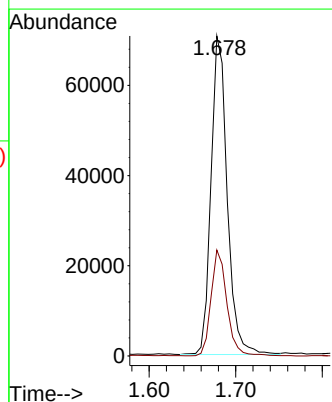
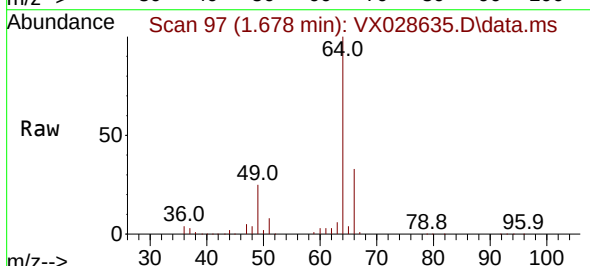
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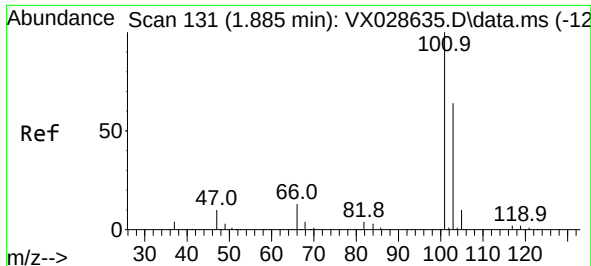
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 45.283 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

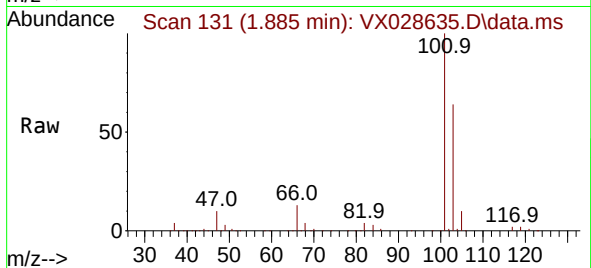
Tgt Ion: 64 Resp: 91852
Ion Ratio Lower Upper
64 100
66 33.2 25.3 37.9





#7
Trichlorofluoromethane
Concen: 47.179 ug/l
RT: 1.885 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028635.D
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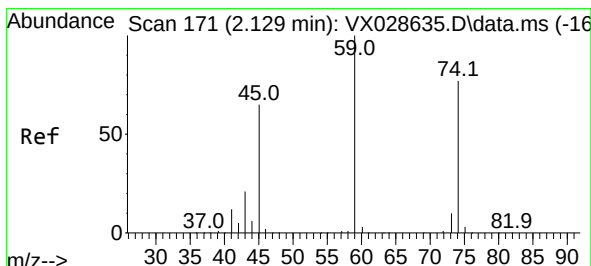
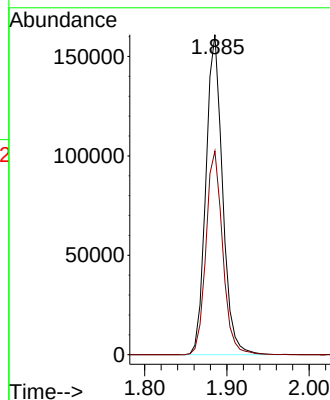
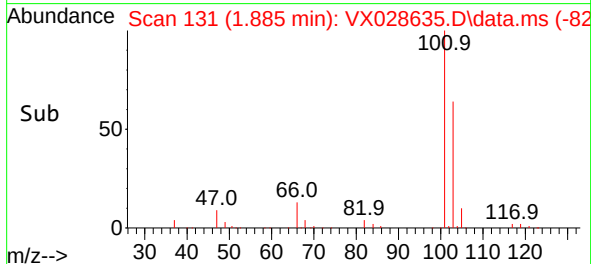
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 22674
Ion Ratio Lower Upper
101 100
103 63.6 50.5 75.7

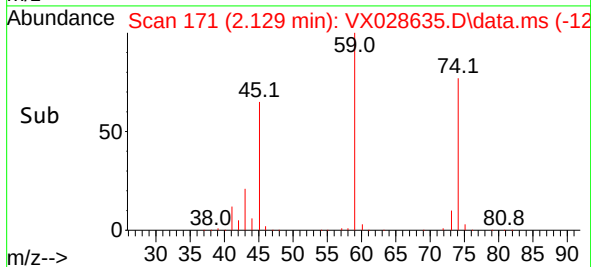
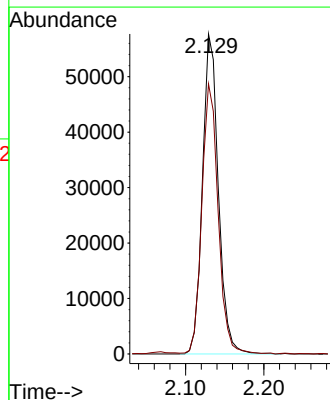
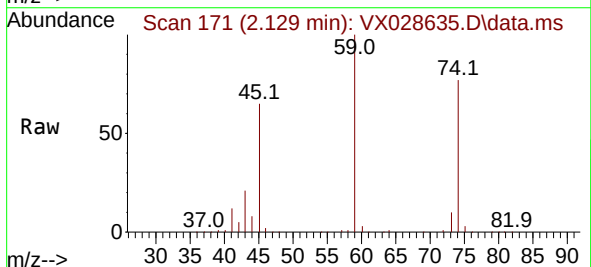
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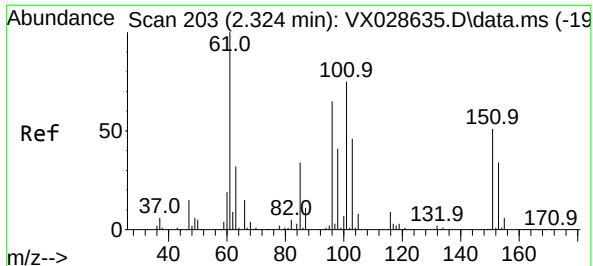
Reviewed By :John Carlone 05/13/2022
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#8
Diethyl Ether
Concen: 48.724 ug/l
RT: 2.129 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 81225
Ion Ratio Lower Upper
74 100
45 86.8 42.0 126.0





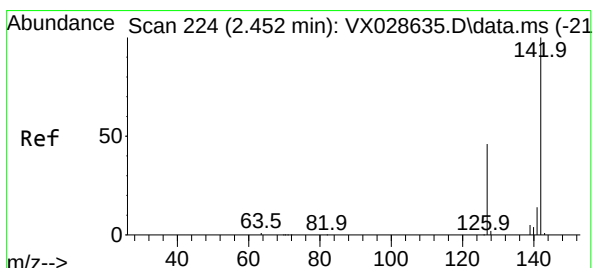
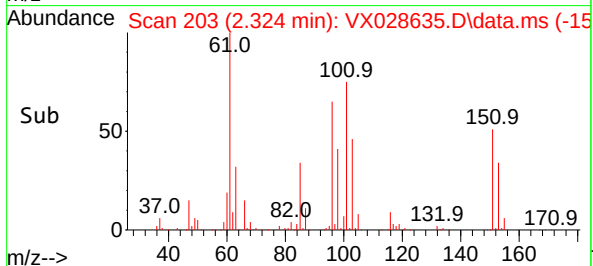
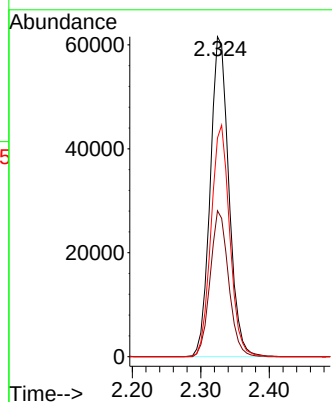
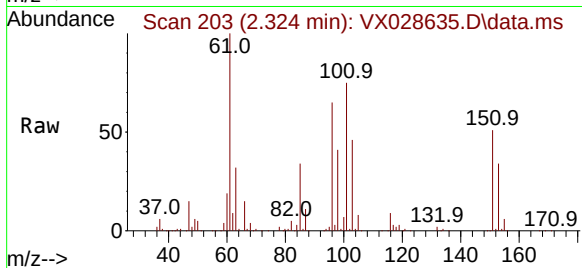
#9
1,1,2-Trichlorotrifluoroethane
Concen: 61.646 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 11657
Ion Ratio Lower Upper
101 100
85 44.9 33.5 50.3
151 72.5 61.8 92.6

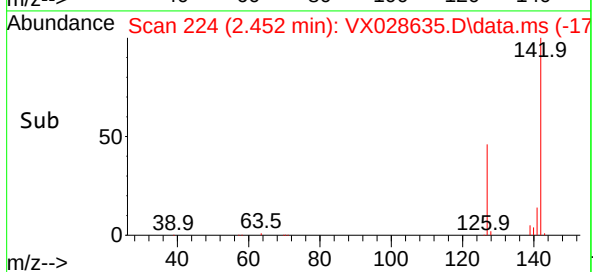
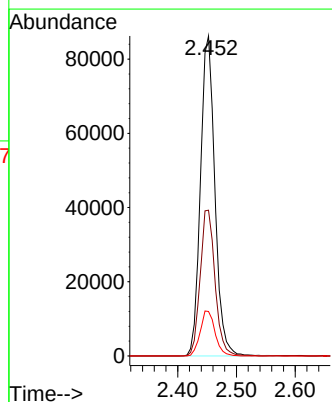
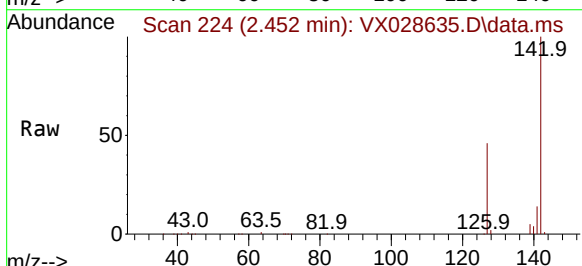
Manual Integrations
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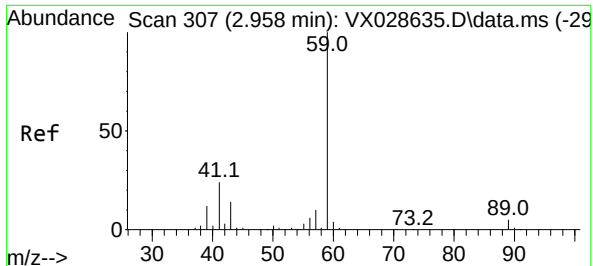
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 62.692 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

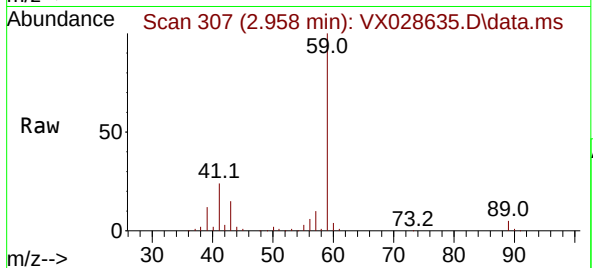
Tgt Ion:142 Resp: 147275
Ion Ratio Lower Upper
142 100
127 47.0 33.9 50.9
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 249.410 ug/l
RT: 2.958 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

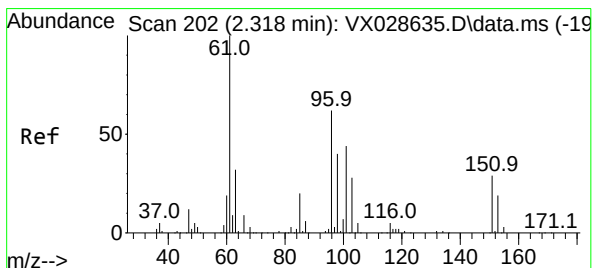
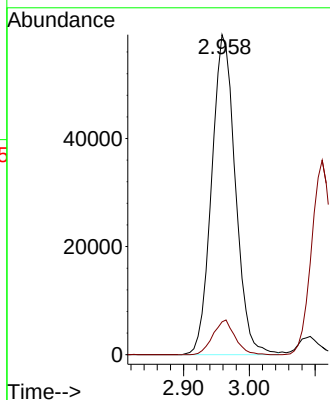
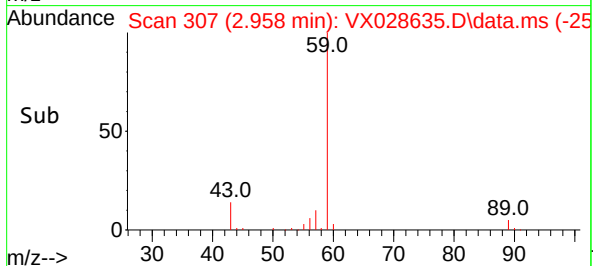
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



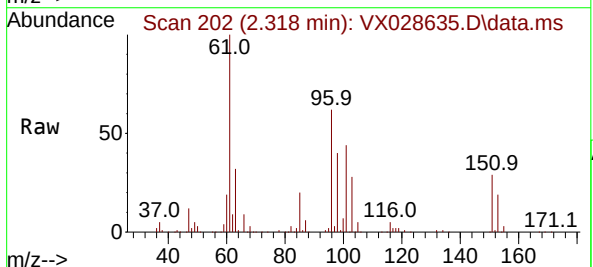
Tgt Ion: 59 Resp: 14888
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
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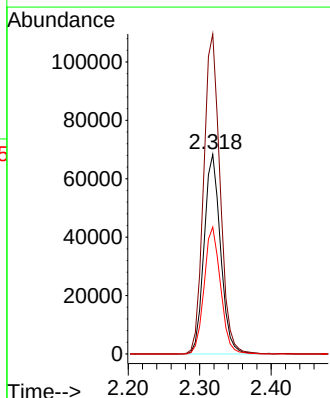
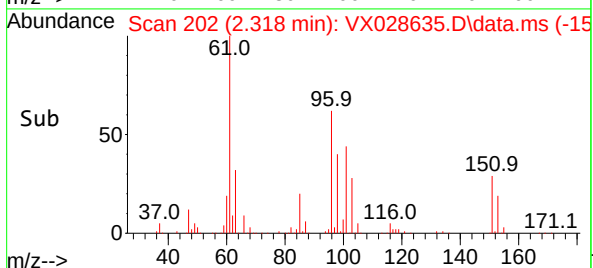
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

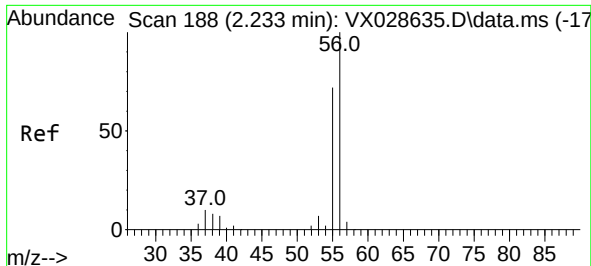


#12
1,1-Dichloroethene
Concen: 60.978 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



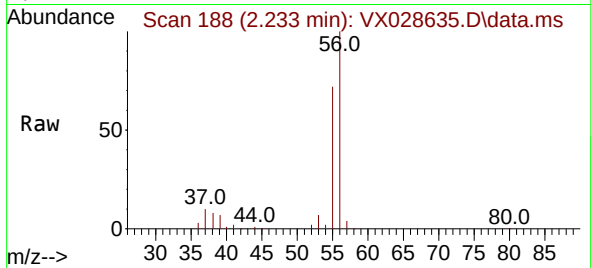
Tgt Ion: 96 Resp: 109013
Ion Ratio Lower Upper
96 100
61 160.4 124.6 187.0
98 63.6 51.0 76.4





#13
Acrolein
Concen: 299.225 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

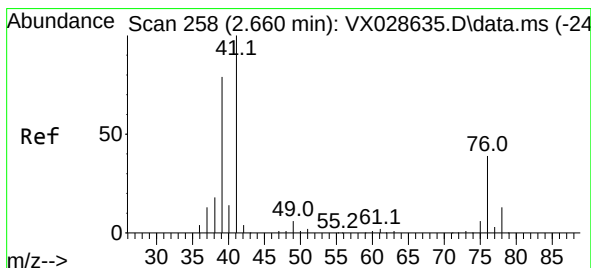
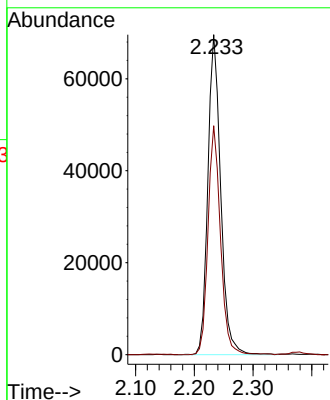
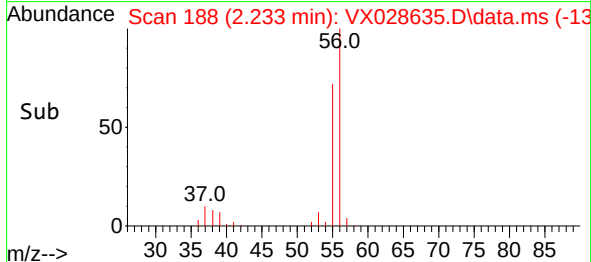
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 105490
Ion Ratio Lower Upper
56 100
55 69.7 55.0 82.6

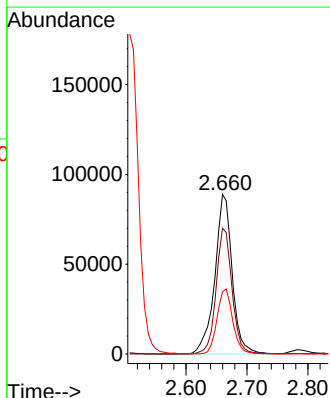
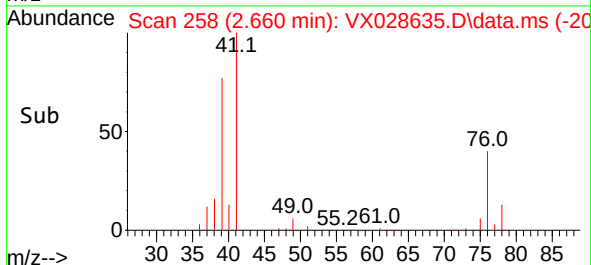
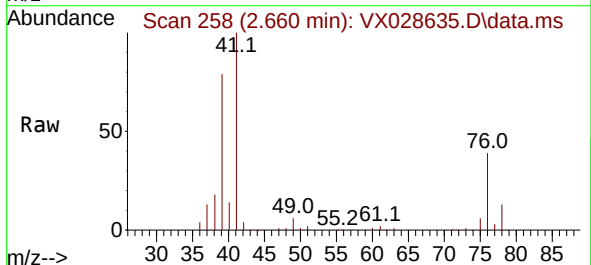
Manual Integrations
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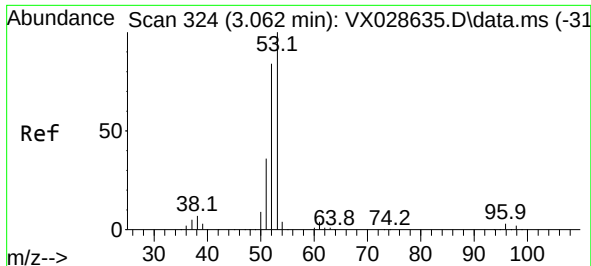
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 60.258 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

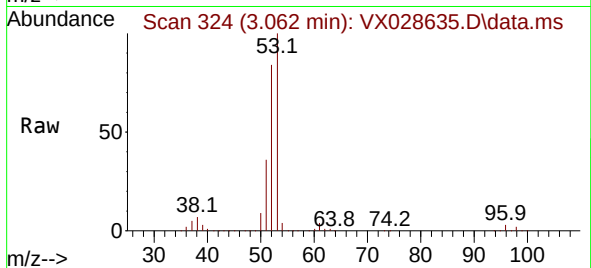
Tgt Ion: 41 Resp: 176477
Ion Ratio Lower Upper
41 100
39 71.9 50.4 75.6
76 36.6 32.7 49.1





#15
Acrylonitrile
Concen: 293.380 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

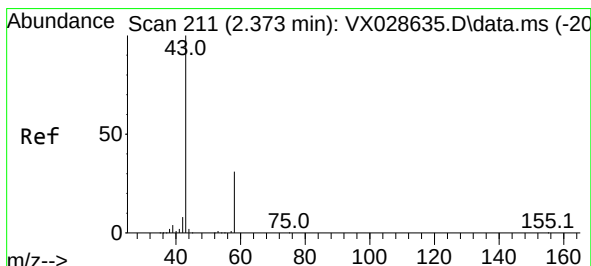
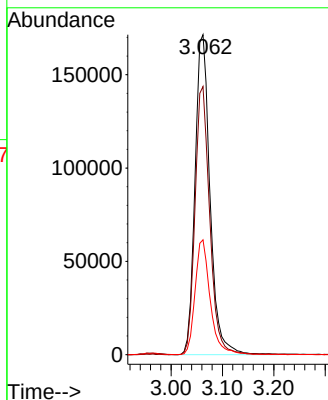
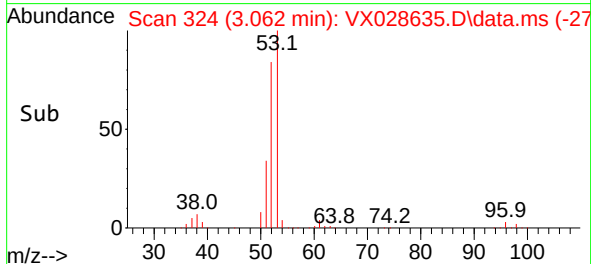
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 34857
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 36.2 28.4 42.6

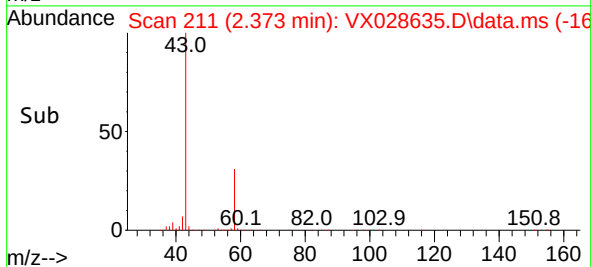
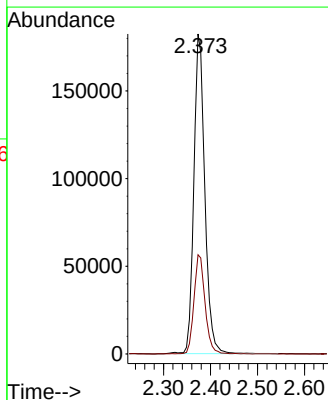
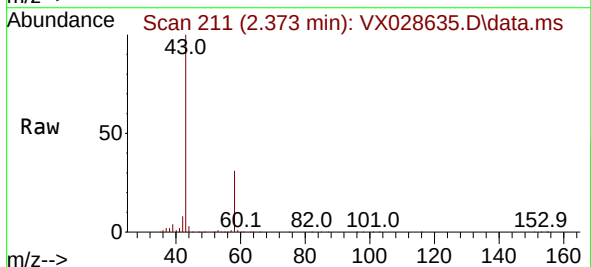
Manual Integrations
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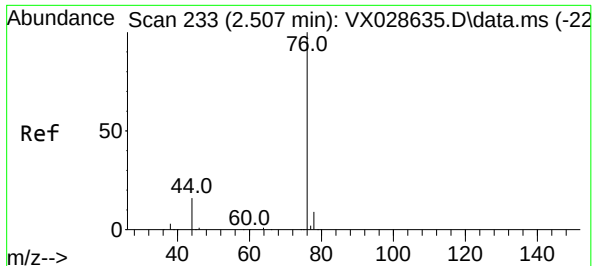
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 299.493 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion: 43 Resp: 295768
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2





#17

Carbon Disulfide

Concen: 61.162 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 29019

Ion Ratio Lower Upper

76 100

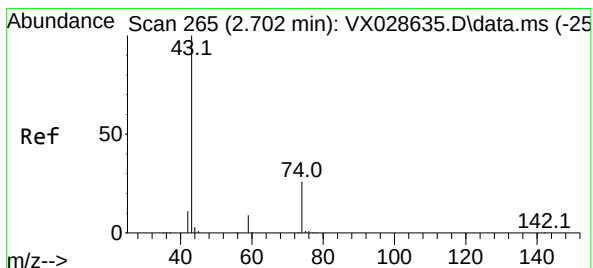
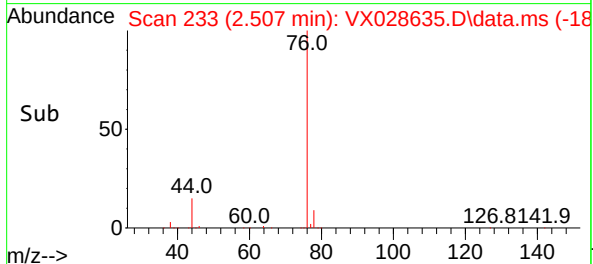
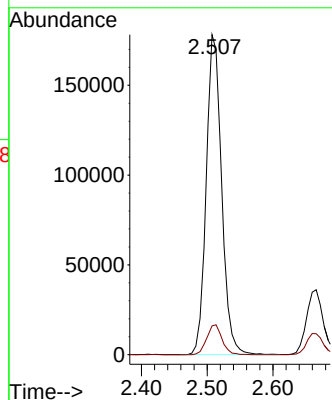
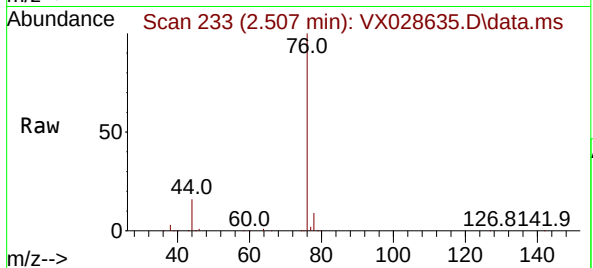
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#18

Methyl Acetate

Concen: 57.845 ug/l

RT: 2.702 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX028635.D

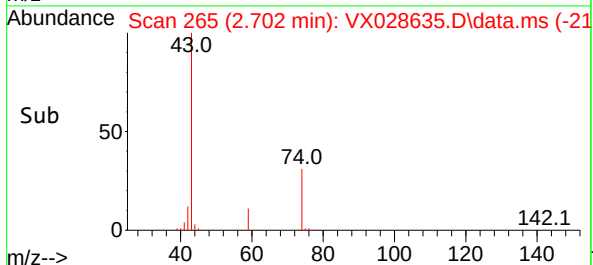
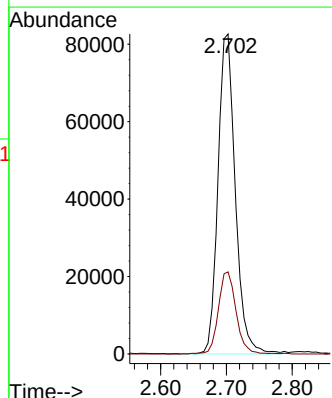
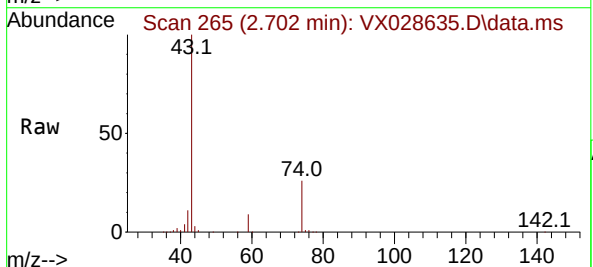
Acq: 12 May 2022 13:40

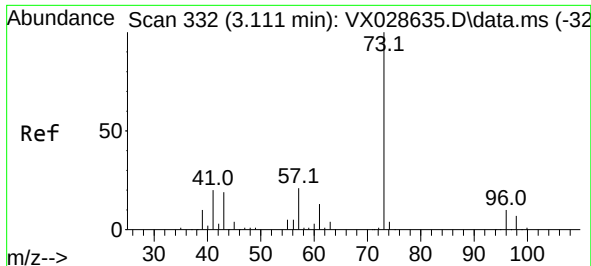
Tgt Ion: 43 Resp: 151551

Ion Ratio Lower Upper

43 100

74 26.2 22.8 34.2





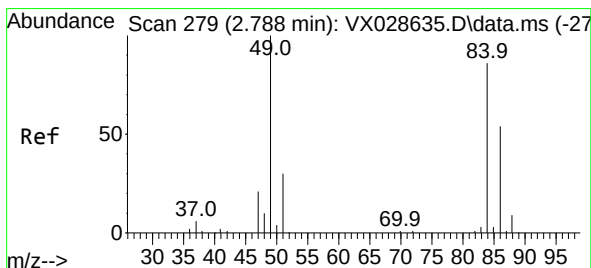
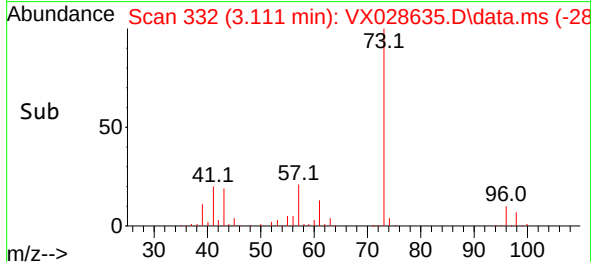
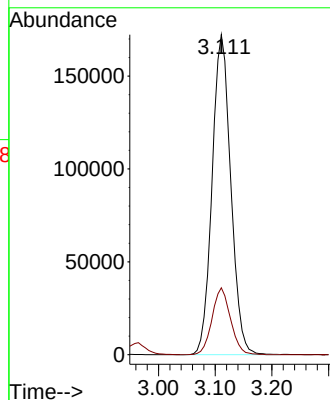
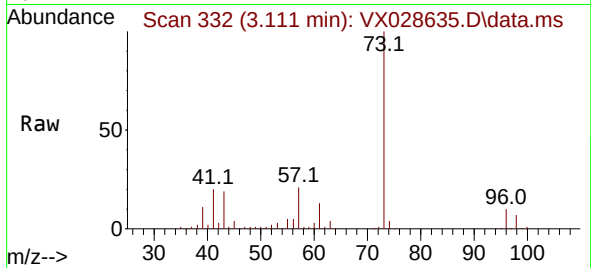
#19
Methyl tert-butyl Ether
Concen: 55.853 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 393544
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2

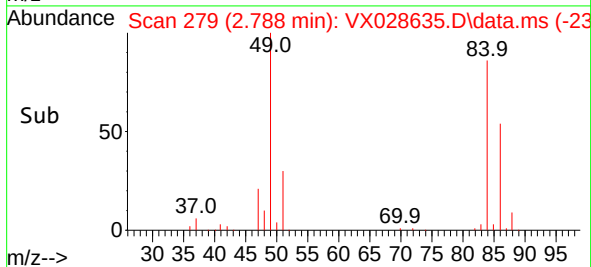
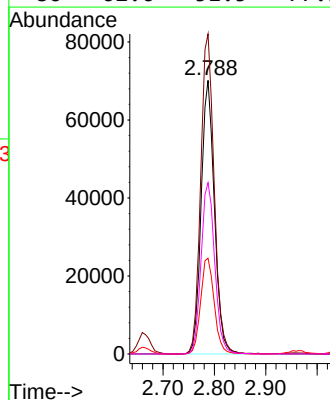
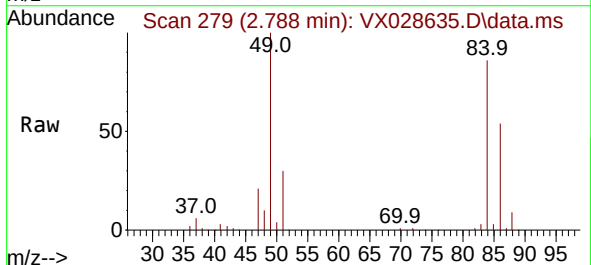
Manual Integrations
APPROVED

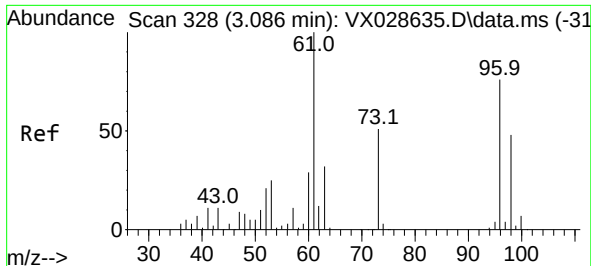
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 57.347 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

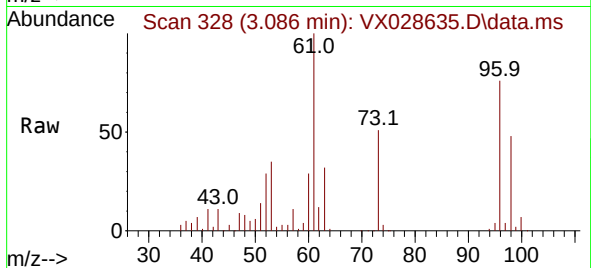
Tgt Ion: 84 Resp: 125673
Ion Ratio Lower Upper
84 100
49 116.9 85.5 128.3
51 35.0 26.6 39.8
86 62.6 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 54.653 ug/l
RT: 3.086 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

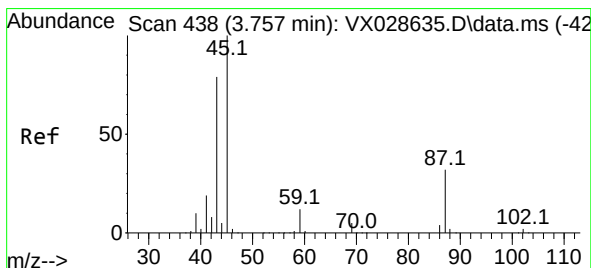
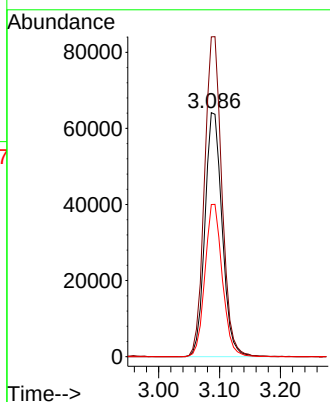
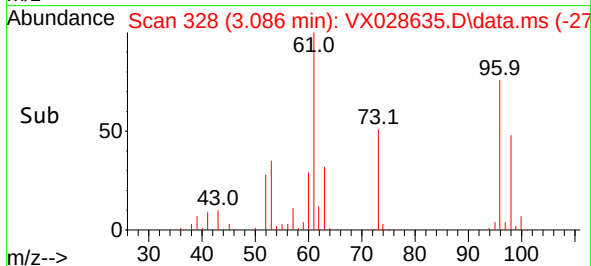
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 125954
Ion Ratio Lower Upper
96 100
61 131.0 105.4 158.2
98 62.3 50.0 75.0

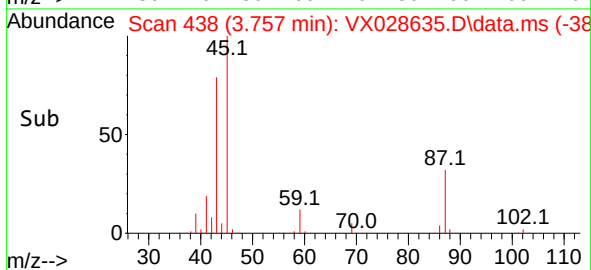
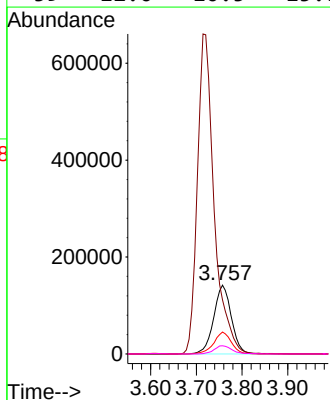
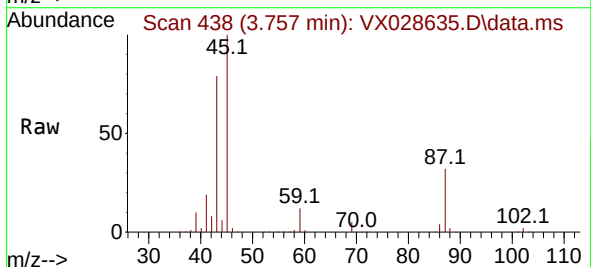
Manual Integrations
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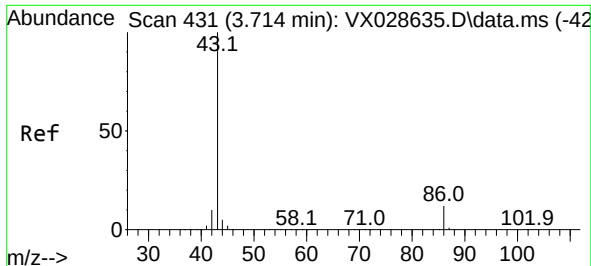
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 57.993 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion: 45 Resp: 380180
Ion Ratio Lower Upper
45 100
43 78.6 50.8 76.2#
87 31.9 26.6 39.8
59 12.0 10.5 15.7





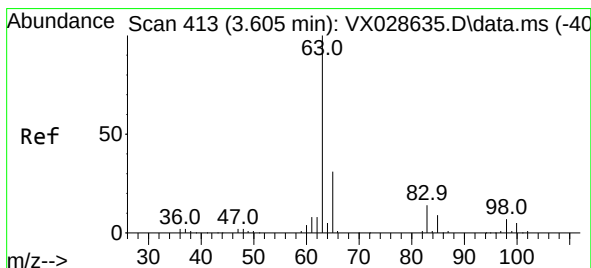
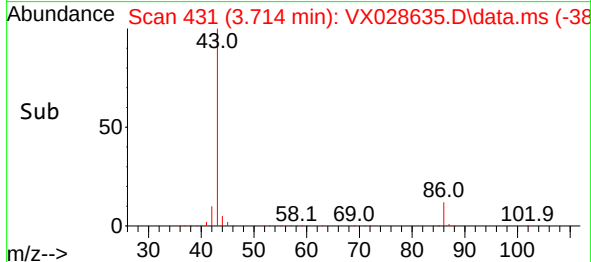
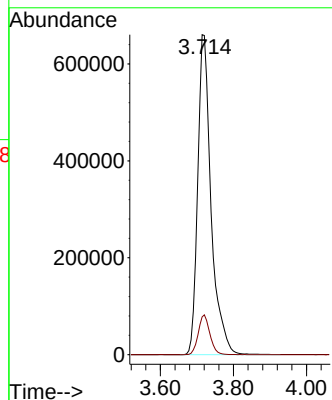
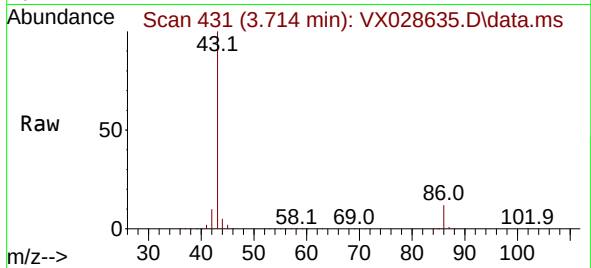
#23
 Vinyl Acetate
 Concen: 294.735 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX028635.D
 Acq: 12 May 2022 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1685499
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.8 16.2

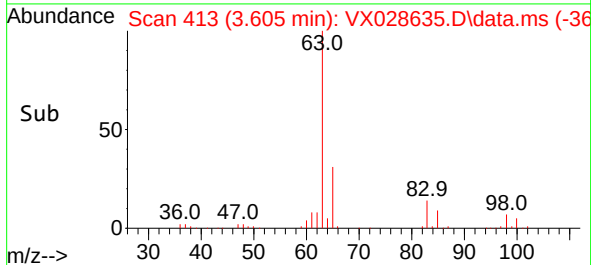
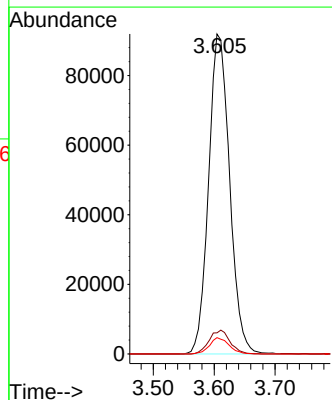
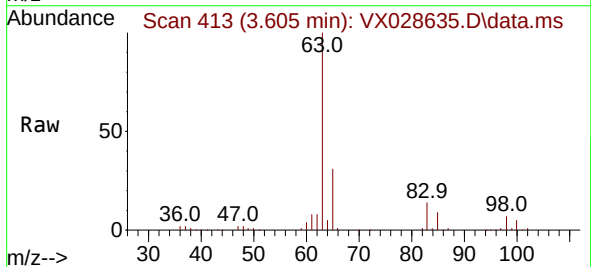
Manual Integrations
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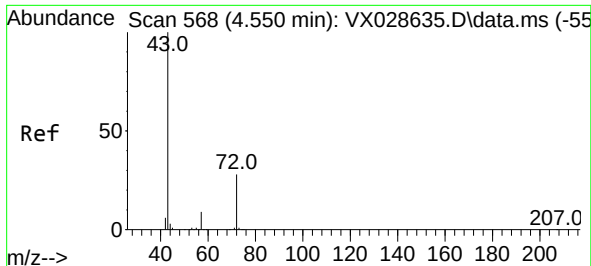
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 56.678 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX028635.D
 Acq: 12 May 2022 13:40

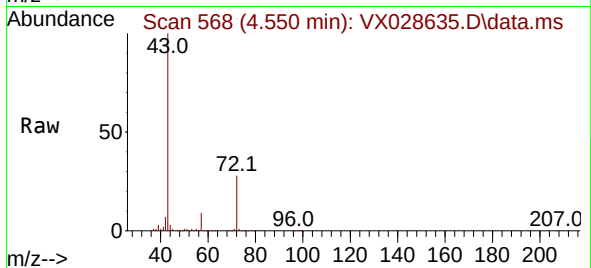
Tgt Ion: 63 Resp: 220481
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 283.044 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

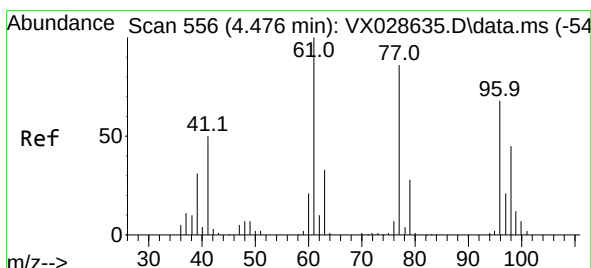
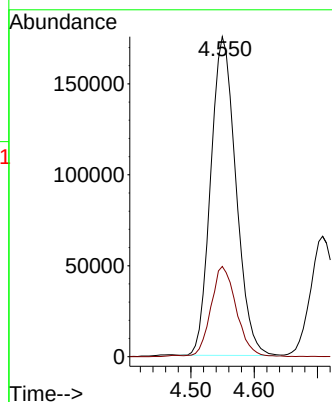
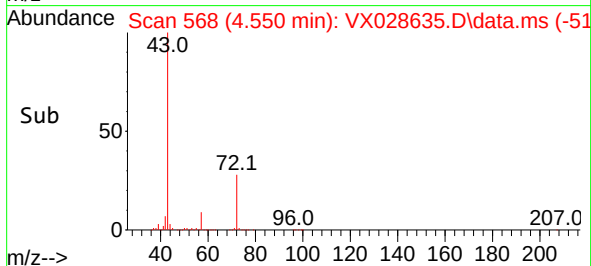
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 485100
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6

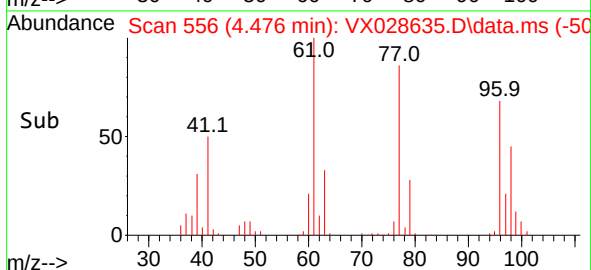
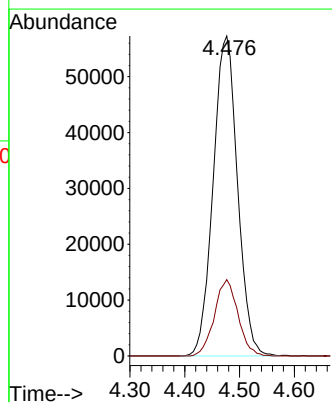
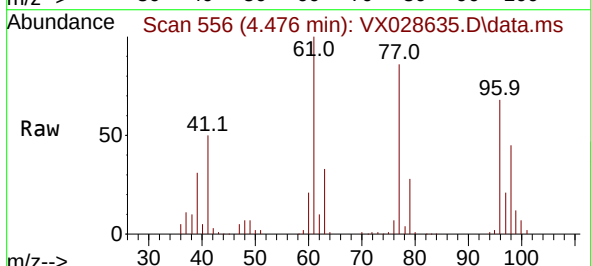
Manual Integrations
APPROVED

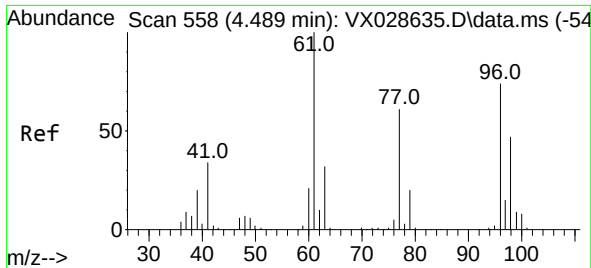
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 48.533 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion: 77 Resp: 176739
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 52.617 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 14358

Ion Ratio Lower Upper

96 100

61 142.2 0.0 283.8

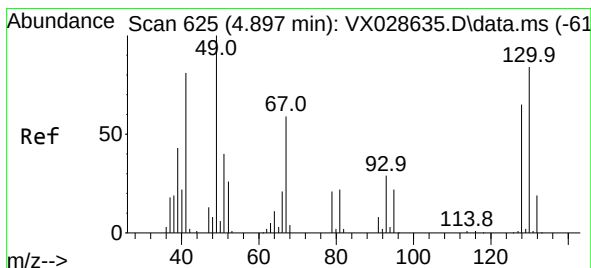
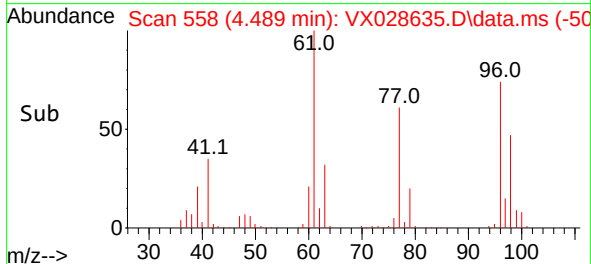
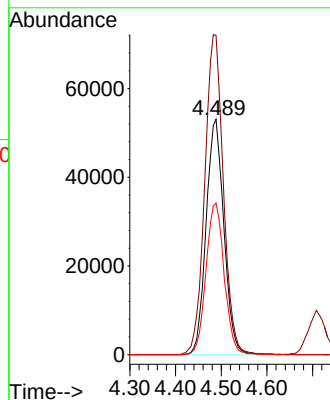
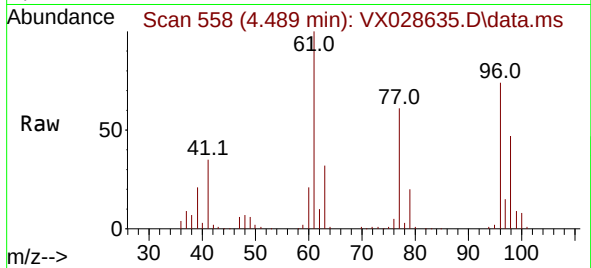
98 65.9 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 49.901 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

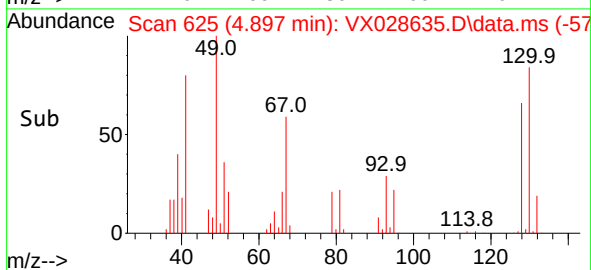
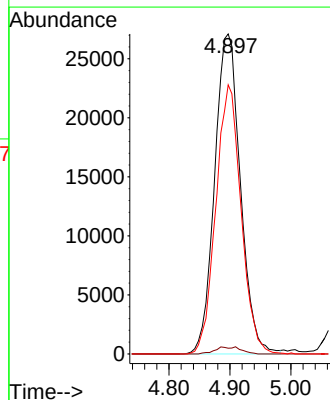
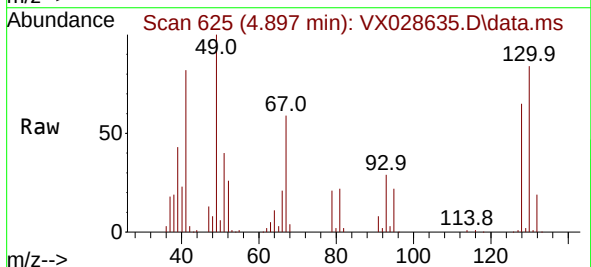
Tgt Ion: 49 Resp: 79732

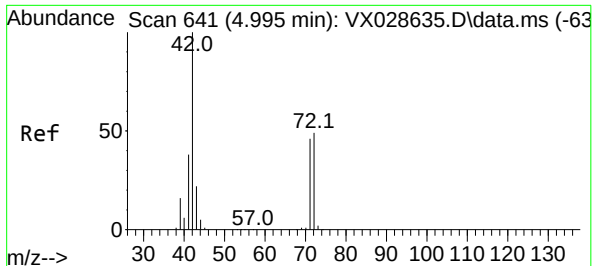
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.4

130 82.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 282.494 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 31617

Ion Ratio Lower Upper

42 100

72 49.9 44.1 66.1

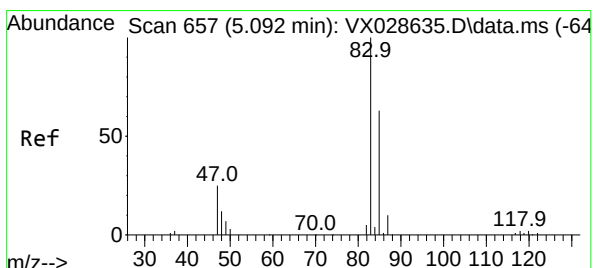
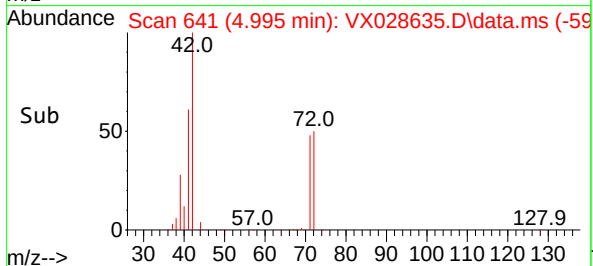
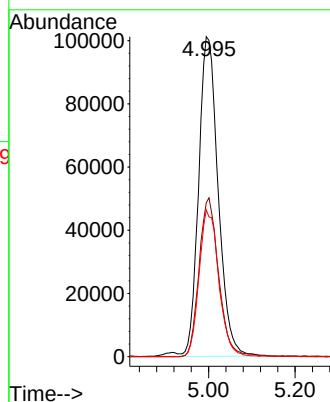
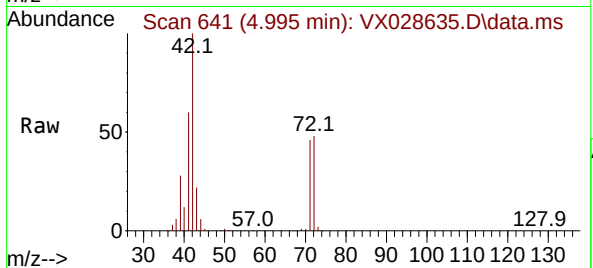
71 46.2 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 52.653 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028635.D

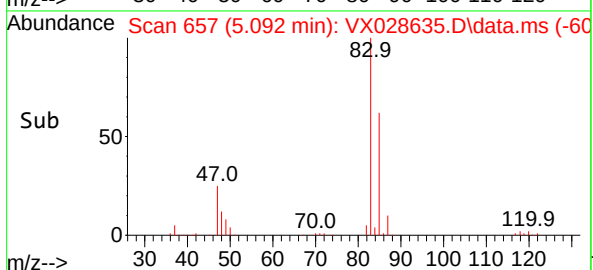
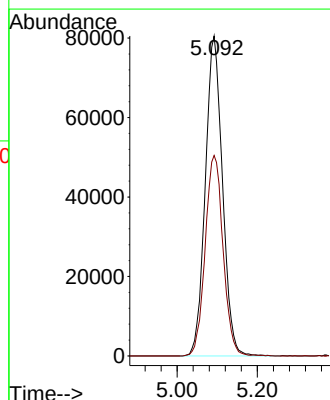
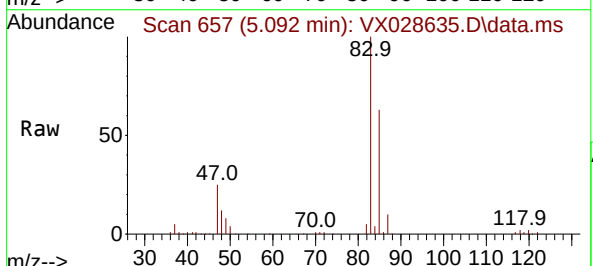
Acq: 12 May 2022 13:40

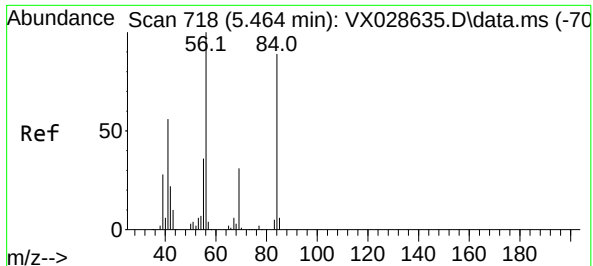
Tgt Ion: 83 Resp: 239383

Ion Ratio Lower Upper

83 100

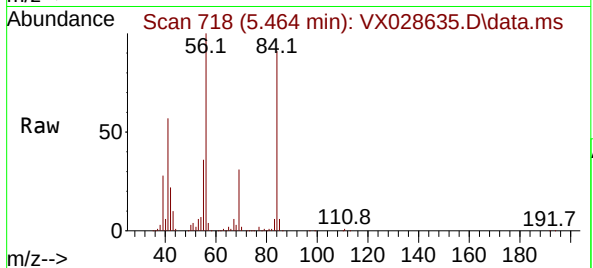
85 62.7 52.7 79.1





#31
Cyclohexane
Concen: 57.252 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

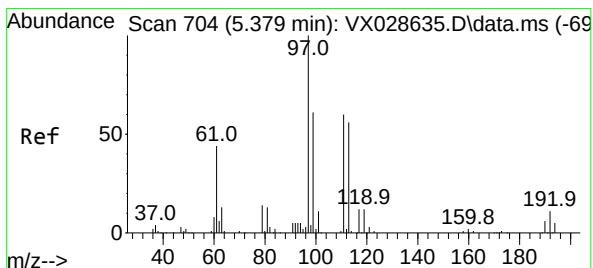
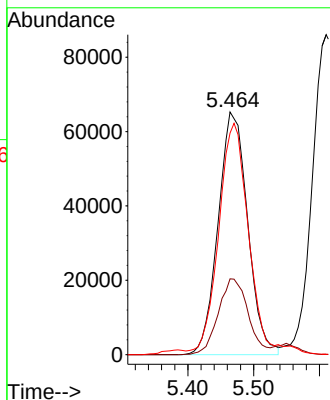
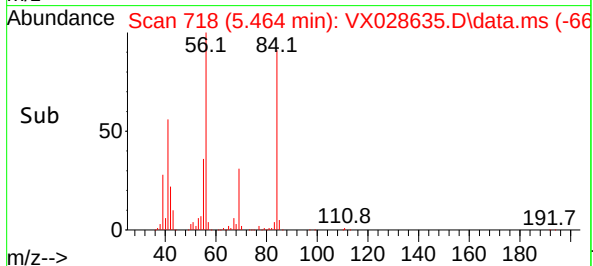
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



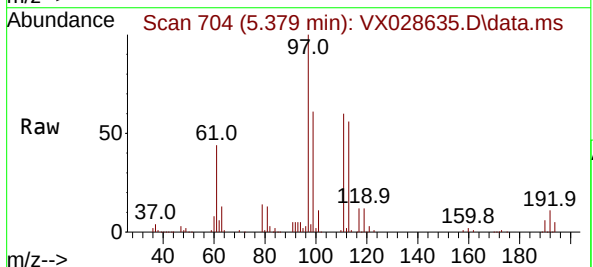
Tgt Ion: 56 Resp: 204230
Ion Ratio Lower Upper
56 100
69 31.2 26.7 40.1
84 89.3 77.2 115.8

Manual Integrations
APPROVED

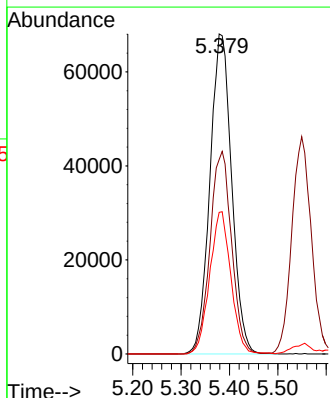
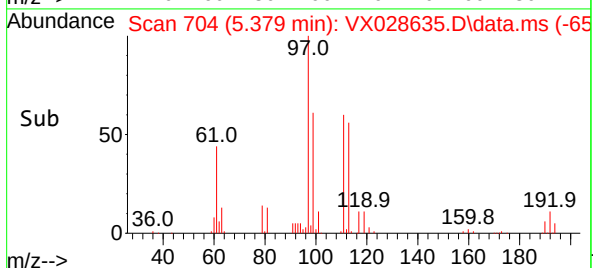
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

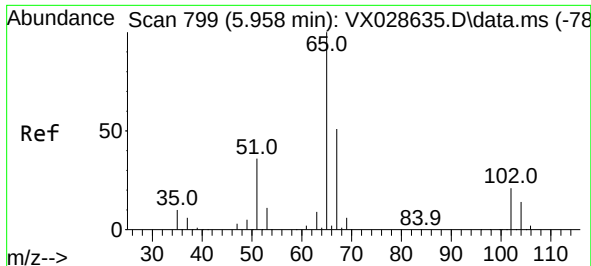


#32
1,1,1-Trichloroethane
Concen: 51.867 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



Tgt Ion: 97 Resp: 212294
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 43.6 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 51.155 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 145098

Ion Ratio Lower Upper

65 100

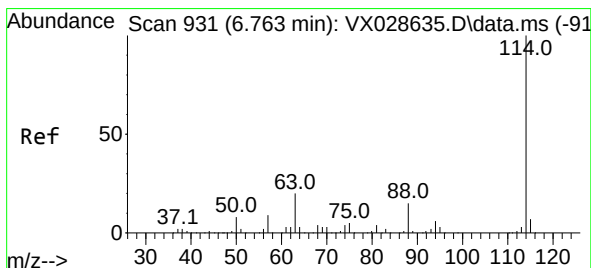
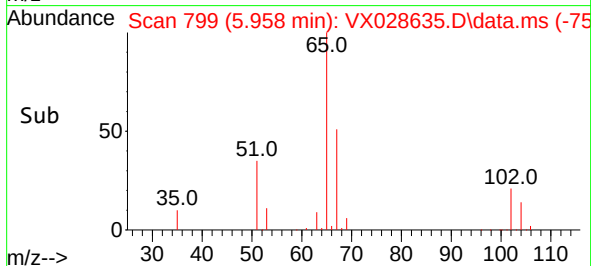
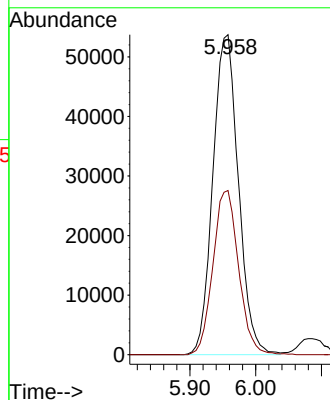
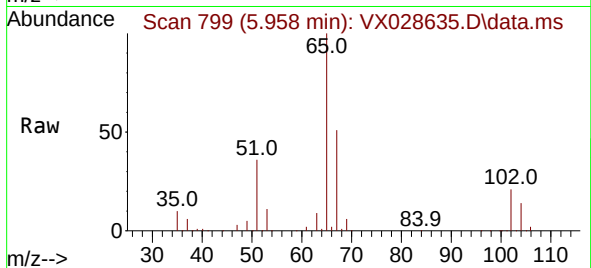
67 51.6 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

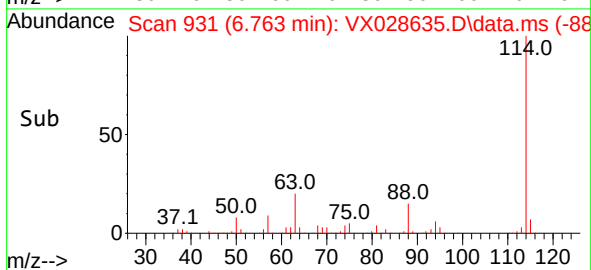
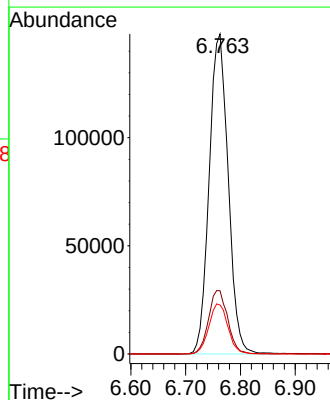
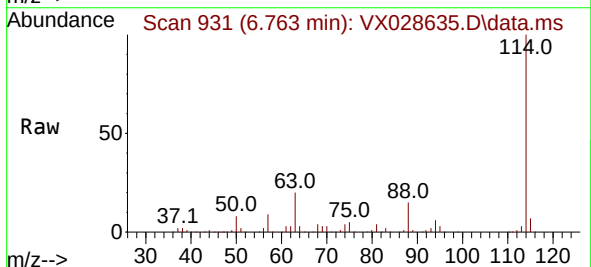
Tgt Ion:114 Resp: 355268

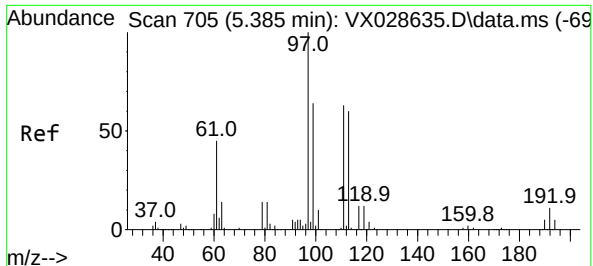
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

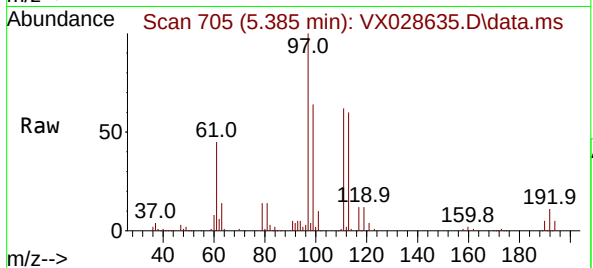
88 15.3 0.0 32.4





#35
Dibromofluoromethane
Concen: 47.161 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

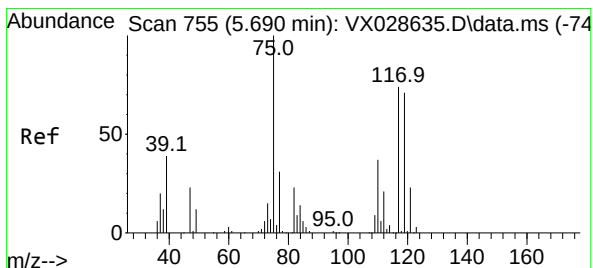
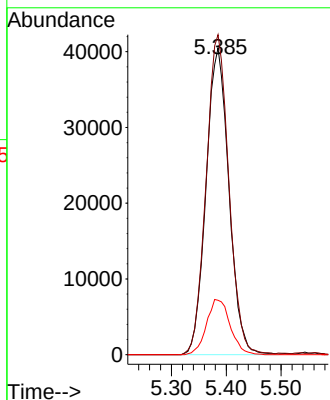
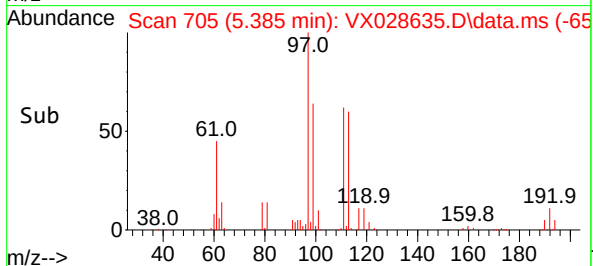
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 11714
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 18.6 16.9 25.3

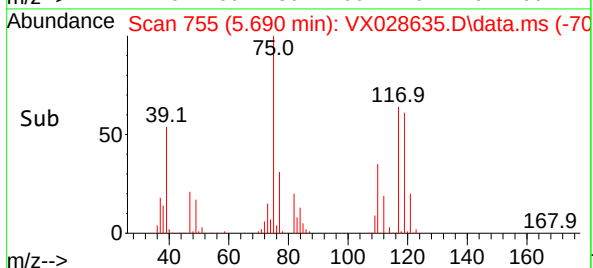
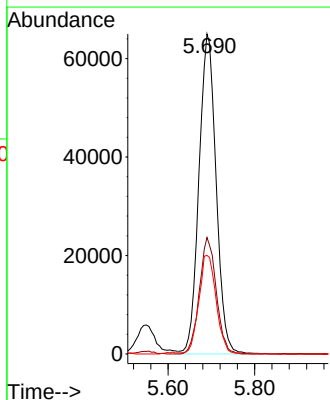
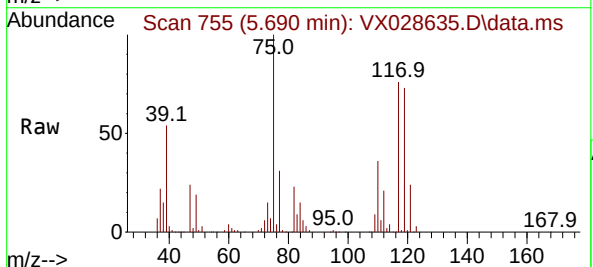
Manual Integrations
APPROVED

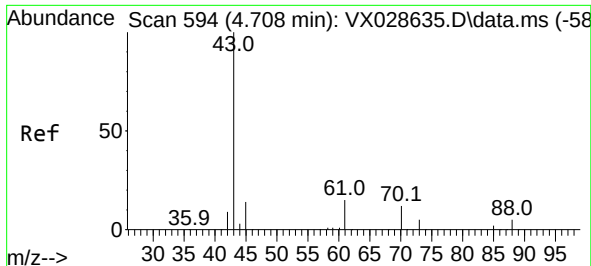
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 53.585 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

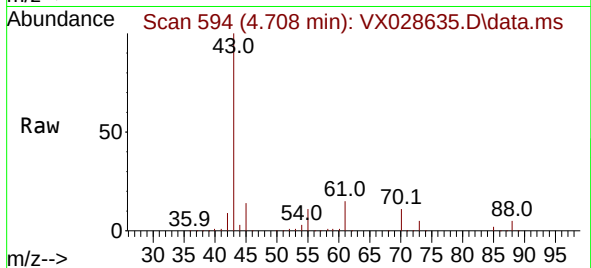
Tgt Ion: 75 Resp: 178685
Ion Ratio Lower Upper
75 100
110 35.8 18.3 54.8
77 31.1 24.8 37.2





#37
Ethyl Acetate
Concen: 56.042 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

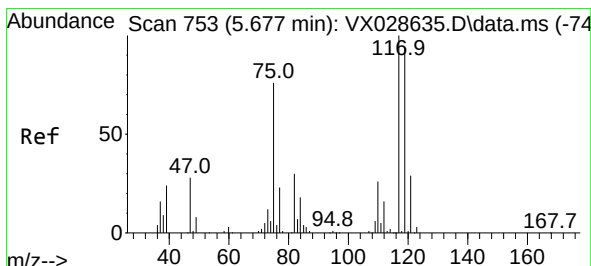
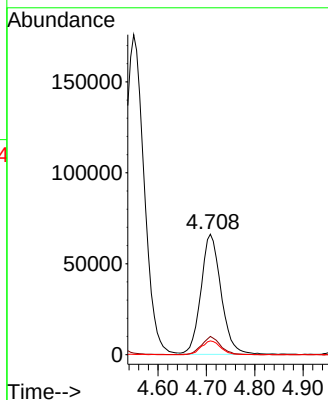
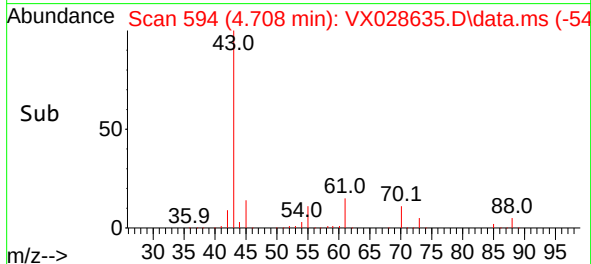
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 191215
Ion Ratio Lower Upper
43 100
61 14.2 12.6 19.0
70 11.0 10.2 15.2

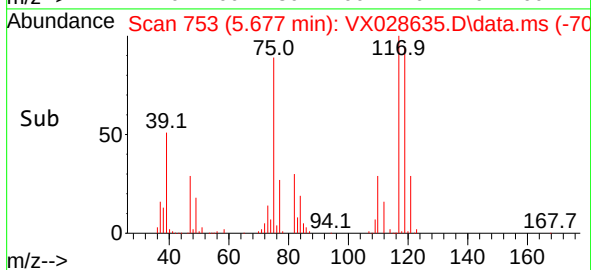
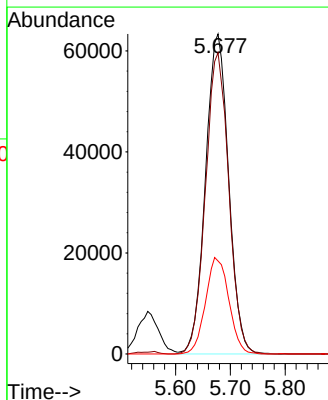
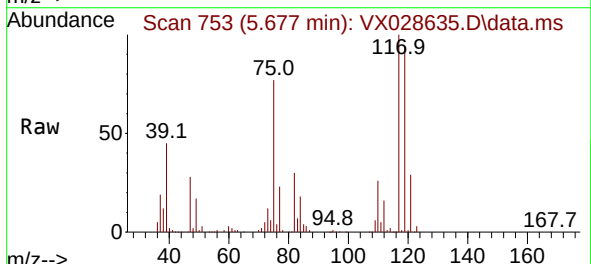
Manual Integrations
APPROVED

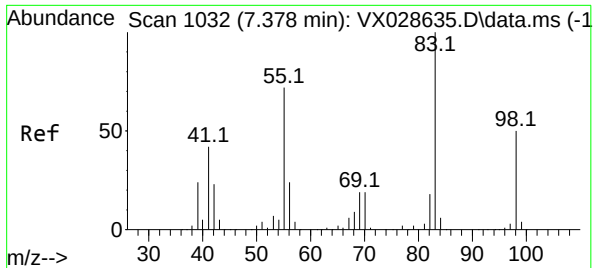
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 50.345 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion:117 Resp: 185806
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 29.1 24.2 36.2





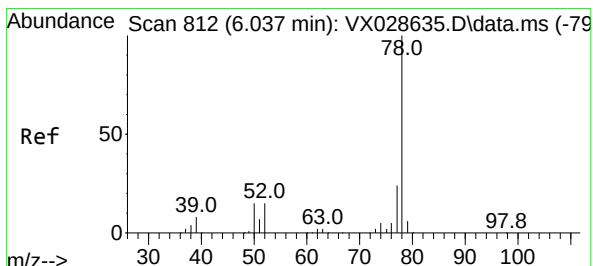
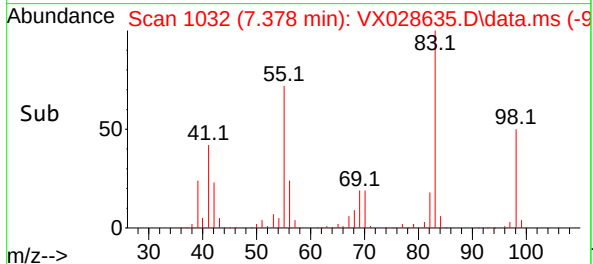
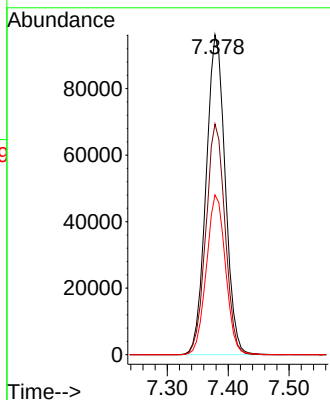
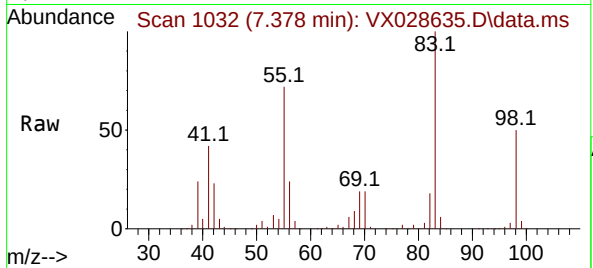
#39
Methylcyclohexane
Concen: 50.549 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 209730
Ion Ratio Lower Upper
83 100
55 72.1 54.6 81.8
98 49.9 37.4 56.2

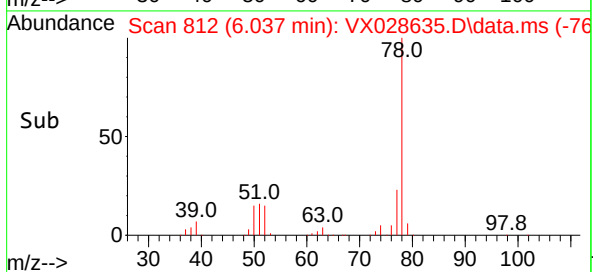
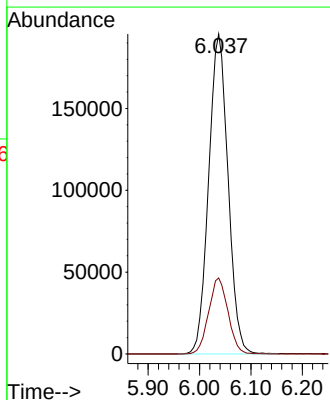
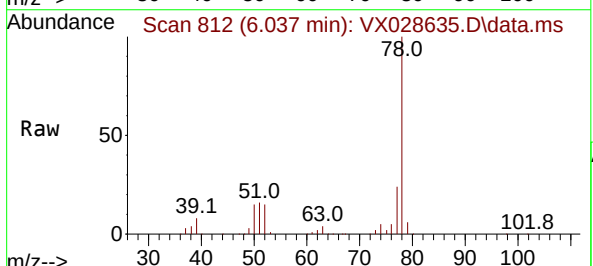
Manual Integrations
APPROVED

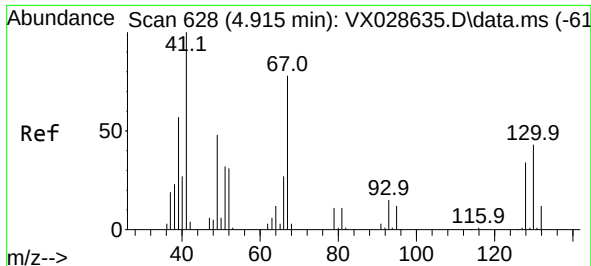
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 52.830 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

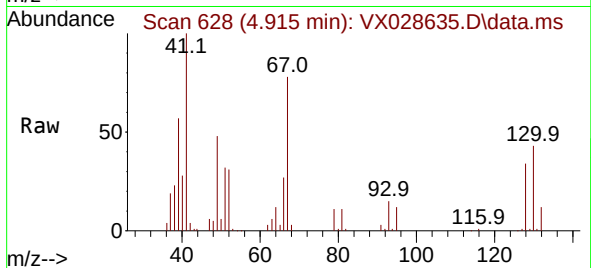
Tgt Ion: 78 Resp: 511634
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 55.555 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

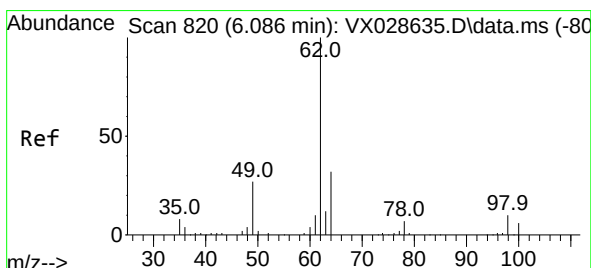
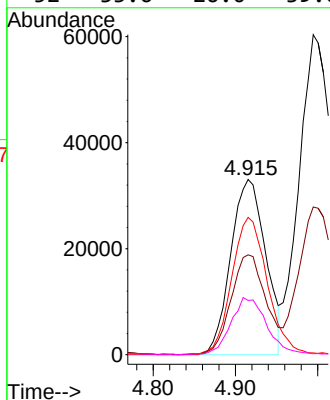
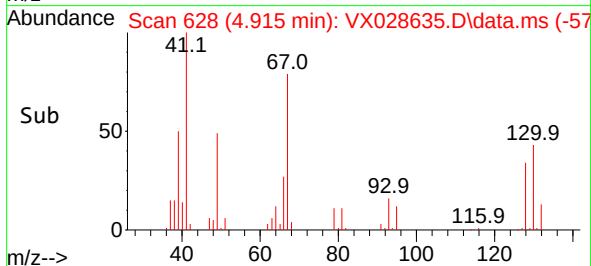
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



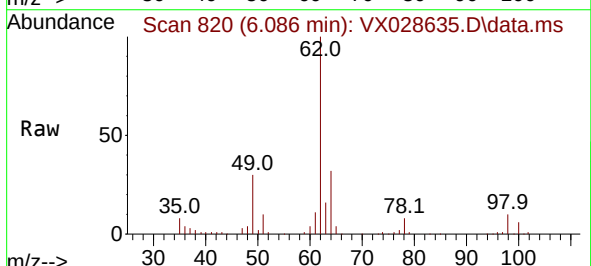
Tgt Ion: 41 Resp: 9769
Ion Ratio Lower Upper
41 100
39 58.0 43.0 64.4
67 80.3 70.2 105.4
52 33.6 26.0 39.0

Manual Integrations
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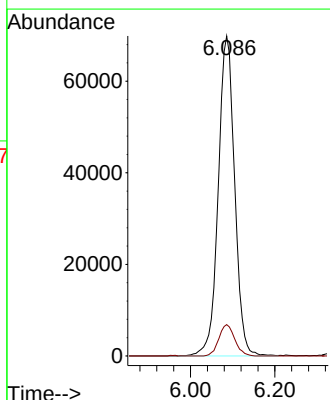
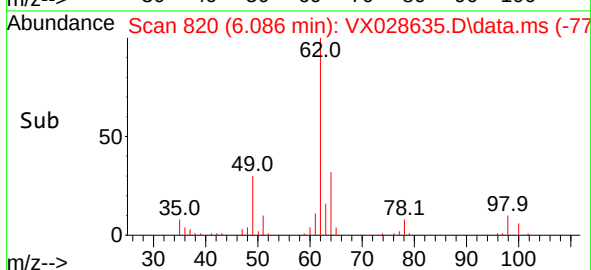
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

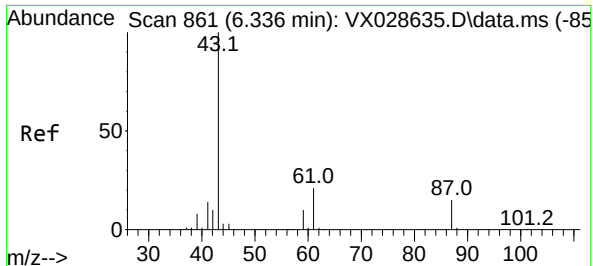


#42
1,2-Dichloroethane
Concen: 52.263 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



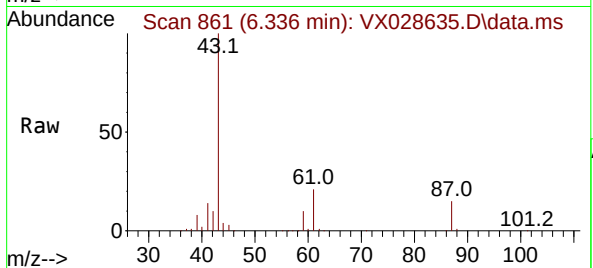
Tgt Ion: 62 Resp: 187987
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 53.552 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

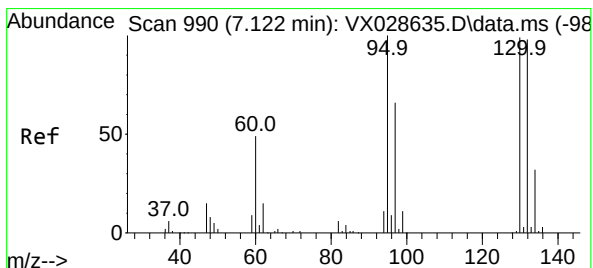
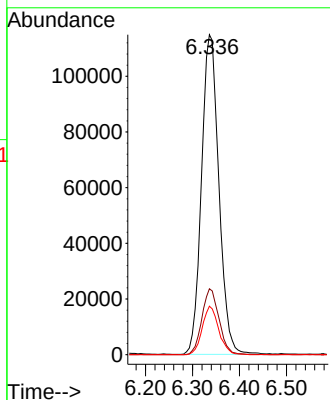
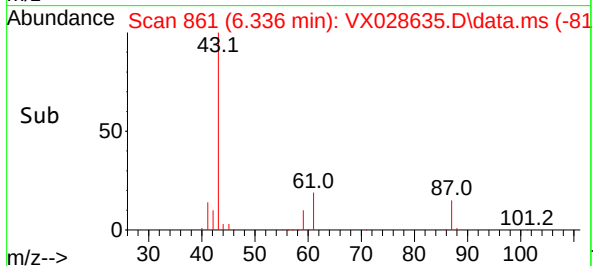
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 29508
Ion Ratio Lower Upper
43 100
61 20.3 18.5 27.7
87 14.3 13.0 19.6

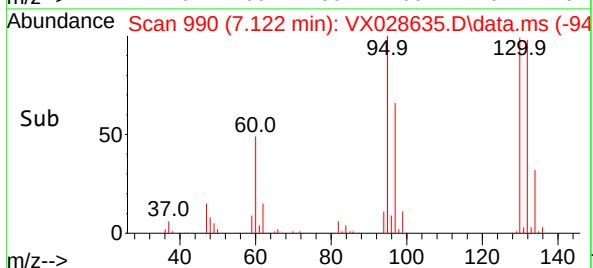
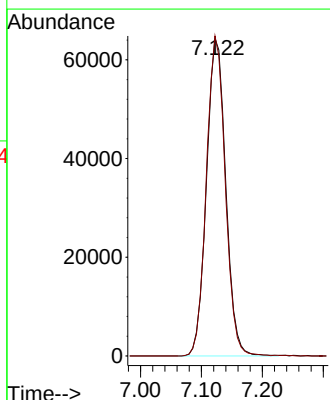
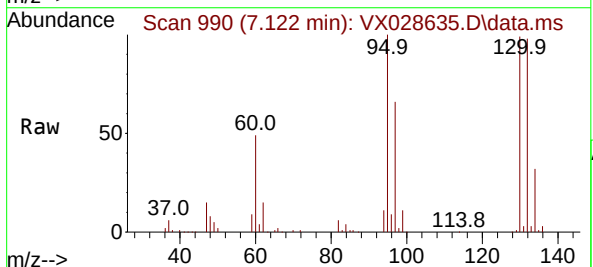
Manual Integrations
APPROVED

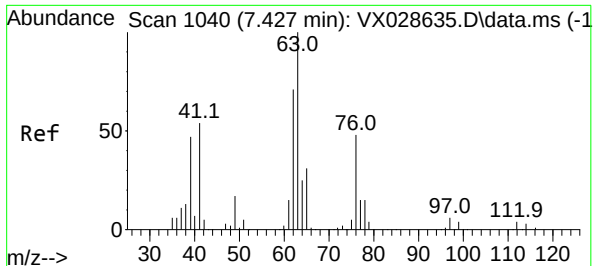
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 50.626 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion:130 Resp: 141370
Ion Ratio Lower Upper
130 100
95 100.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.182 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 12684

Ion Ratio Lower Upper

63 100

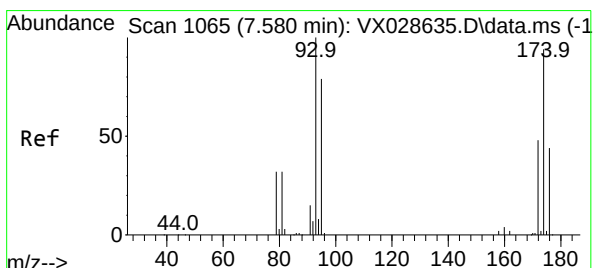
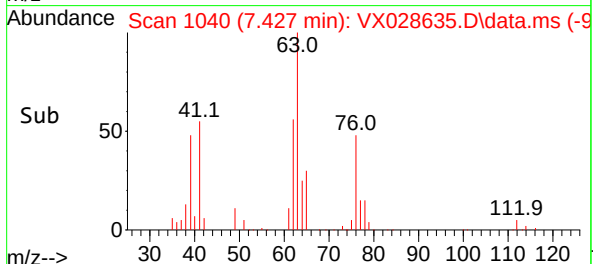
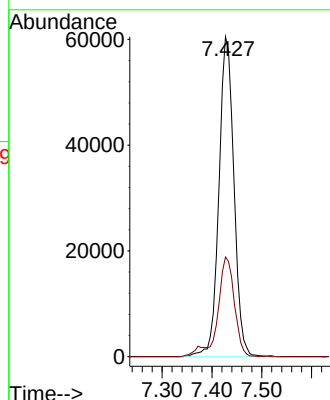
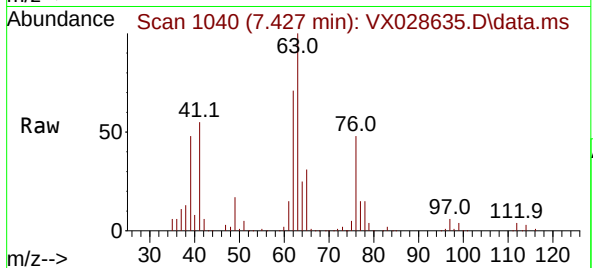
65 31.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 51.221 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

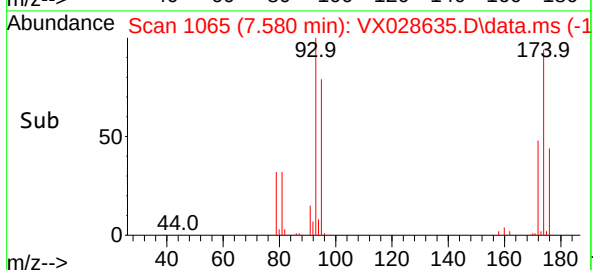
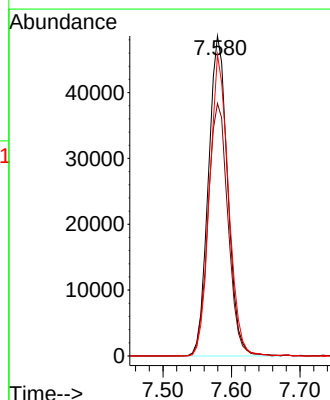
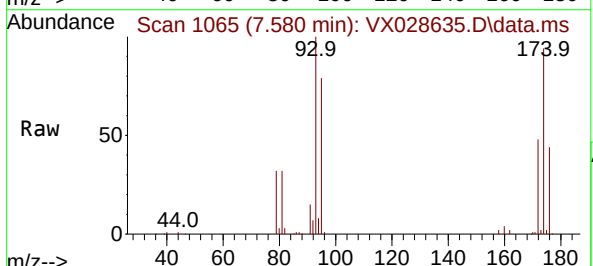
Tgt Ion: 93 Resp: 95127

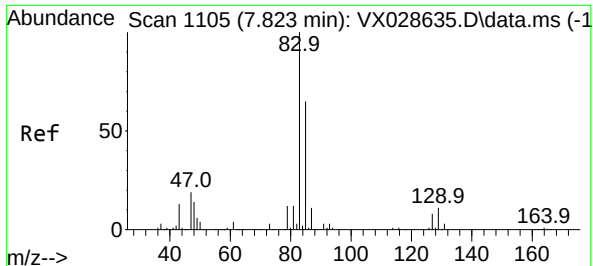
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

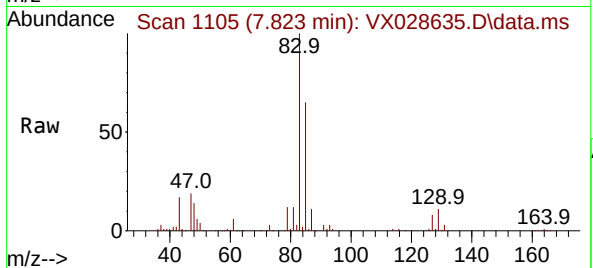
174 92.6 85.4 128.2





#47
Bromodichloromethane
Concen: 51.848 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

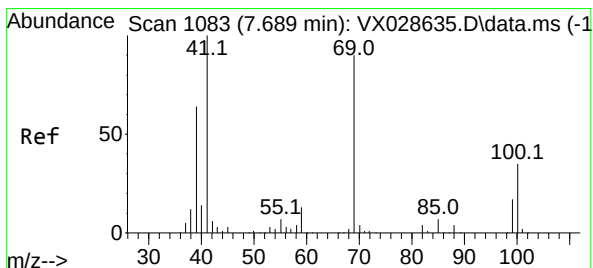
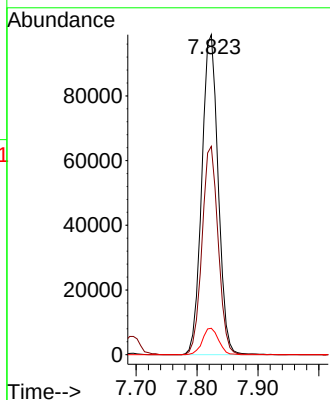
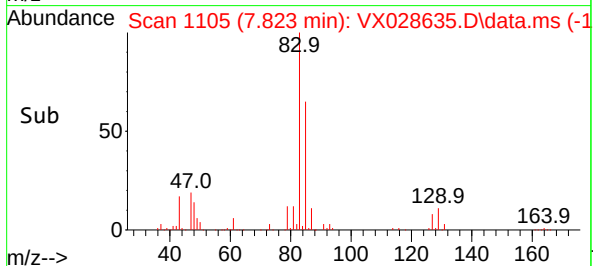
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 18429
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.2
127 8.2 6.8 10.2

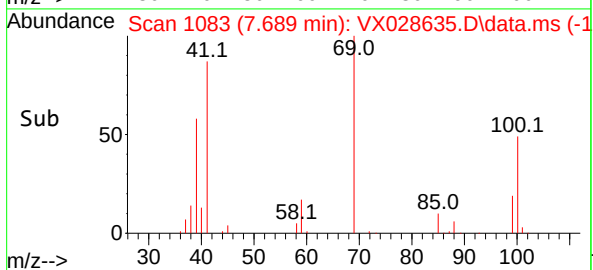
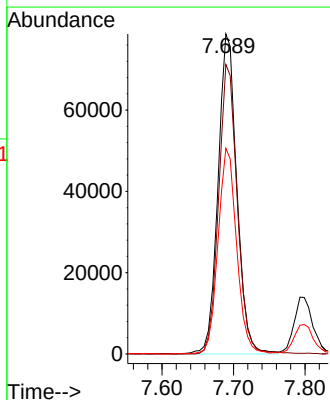
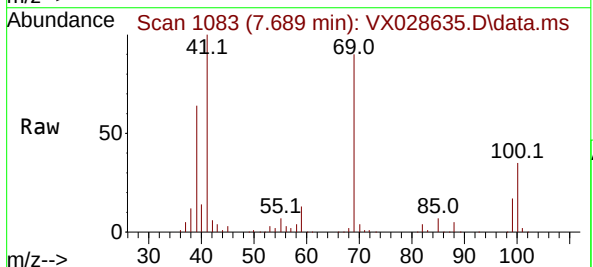
Manual Integrations
APPROVED

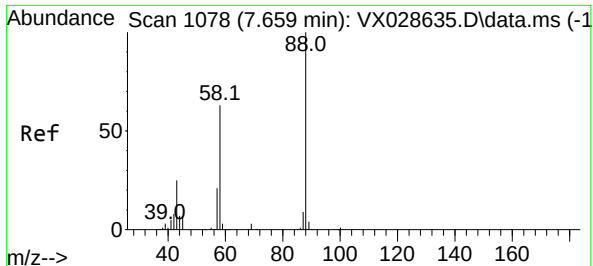
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 56.223 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion: 41 Resp: 143763
Ion Ratio Lower Upper
41 100
69 89.7 82.5 123.7
39 63.7 43.8 65.8





#49

1,4-Dioxane

Concen: 1027.162 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

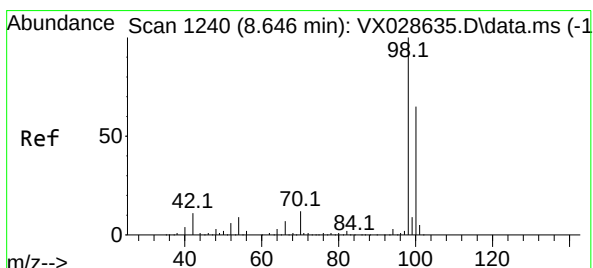
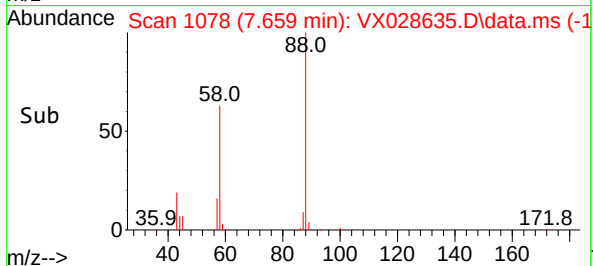
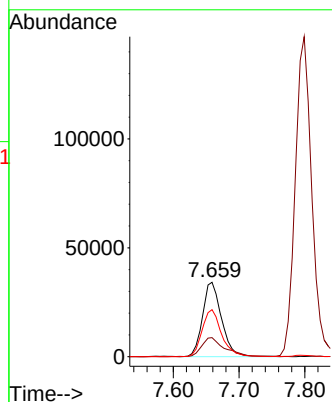
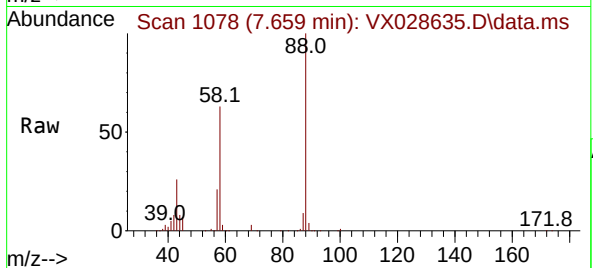
Tgt Ion:	88	Resp:	6842
Ion Ratio	Lower	Upper	
88	100		
43	31.1	21.9	32.9
58	65.1	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 47.310 ug/l

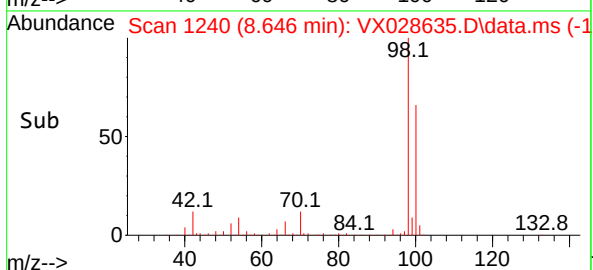
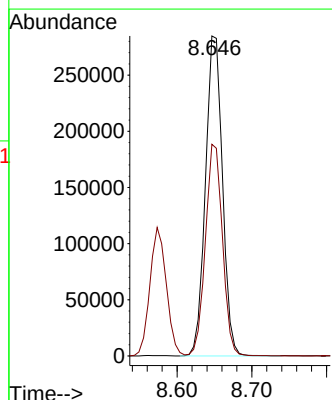
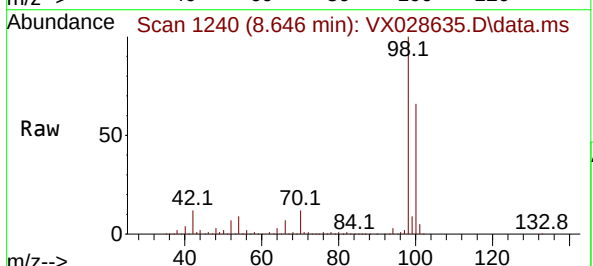
RT: 8.646 min Scan# 1240

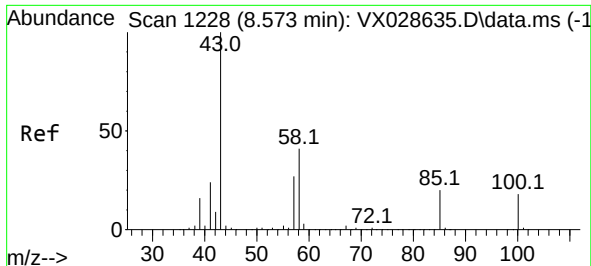
Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Tgt Ion:	98	Resp:	450069
Ion Ratio	Lower	Upper	
98	100		
100	66.4	52.6	78.8





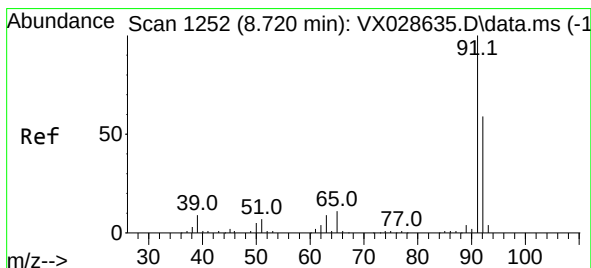
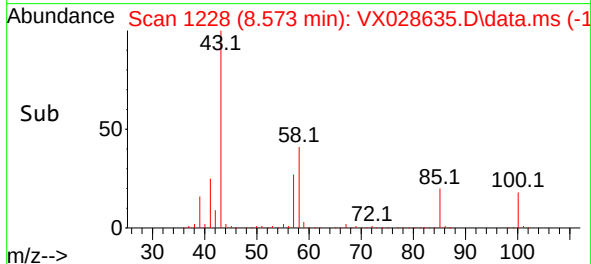
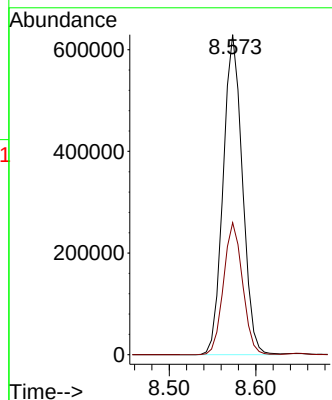
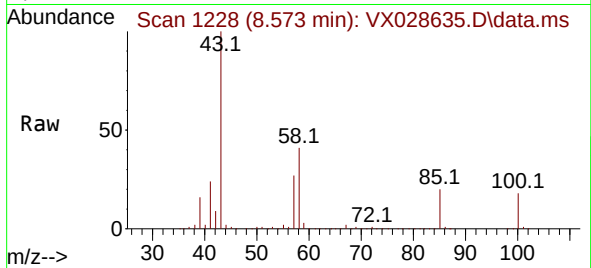
#51
4-Methyl-2-Pentanone
Concen: 273.944 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 971484
Ion Ratio Lower Upper
43 100
58 40.9 36.1 54.1

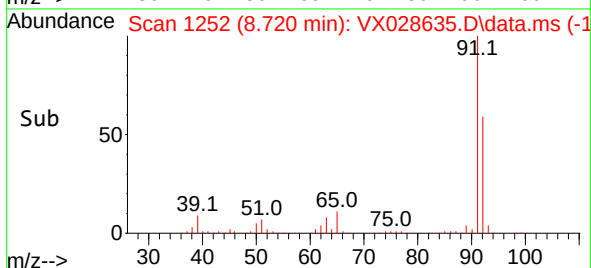
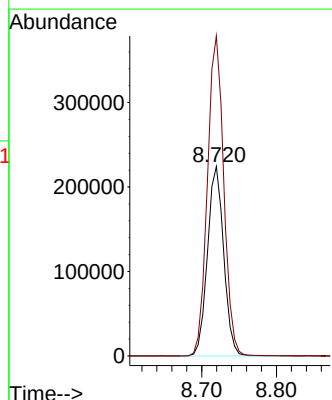
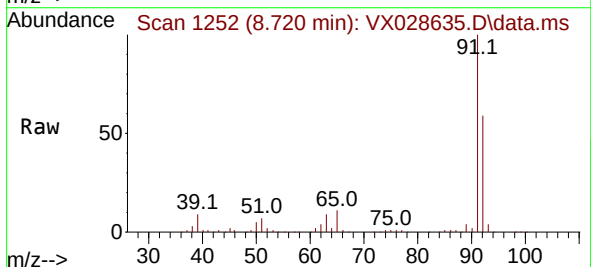
Manual Integrations
APPROVED

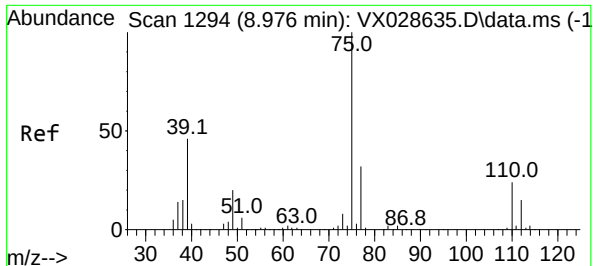
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 50.659 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion: 92 Resp: 337661
Ion Ratio Lower Upper
92 100
91 170.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 52.129 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 195770

Ion Ratio Lower Upper

75 100

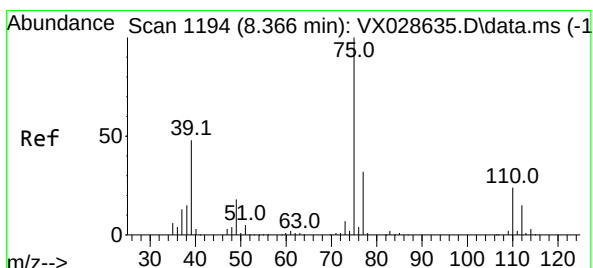
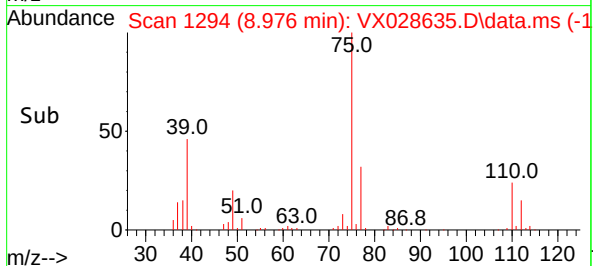
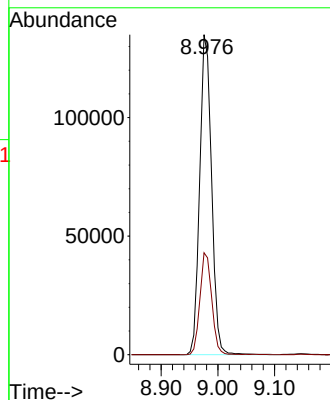
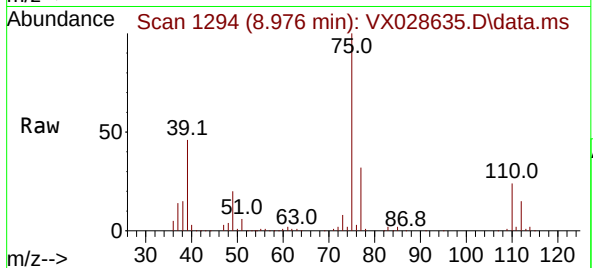
77 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 52.201 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

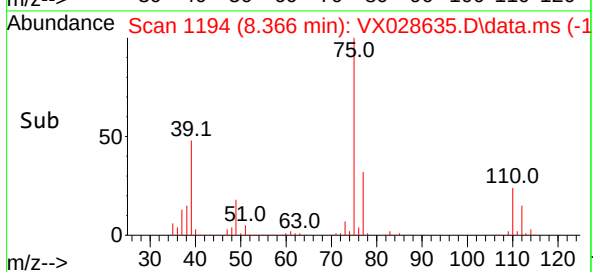
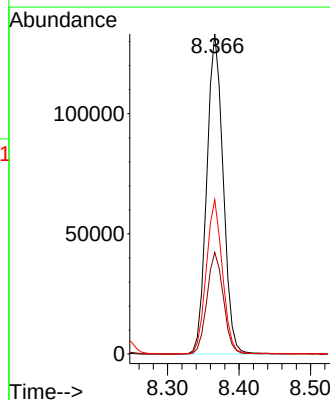
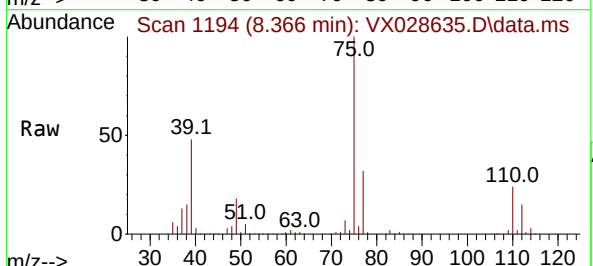
Tgt Ion: 75 Resp: 211916

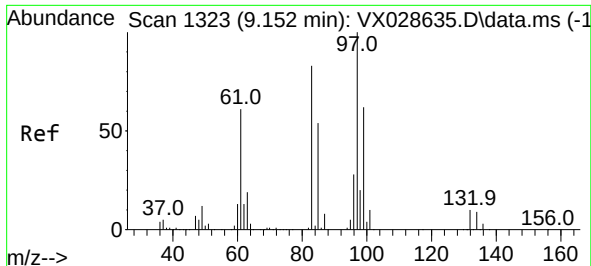
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 48.1 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 50.232 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 13616

Ion Ratio Lower Upper

97 100

83 83.4 66.2 99.4

85 54.2 42.9 64.3

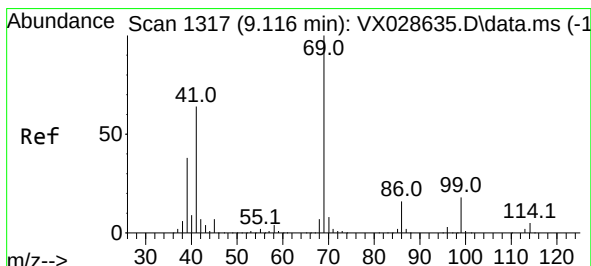
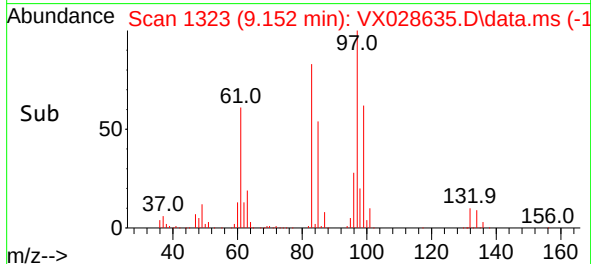
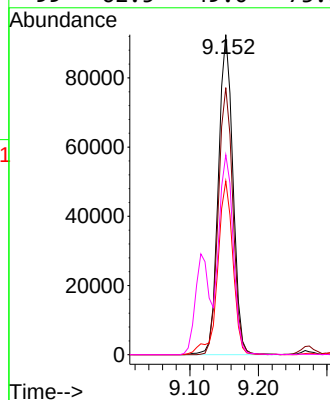
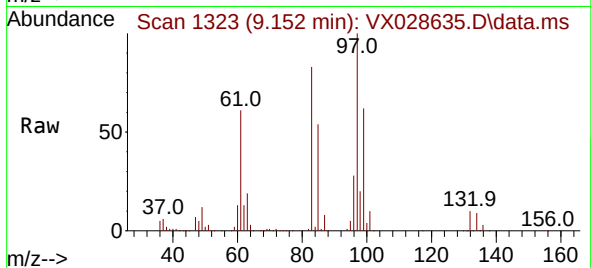
99 62.5 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 53.715 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

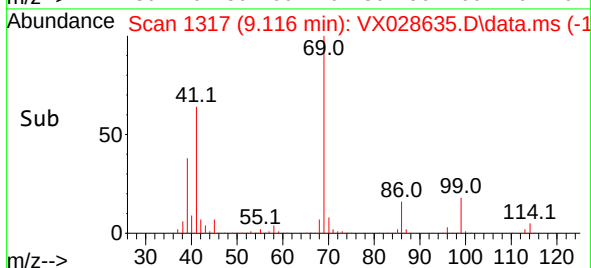
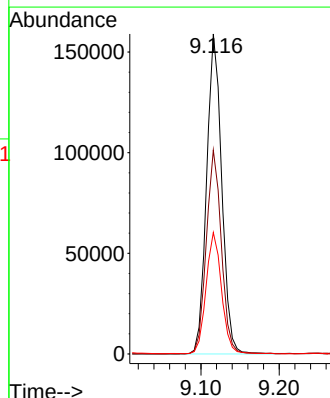
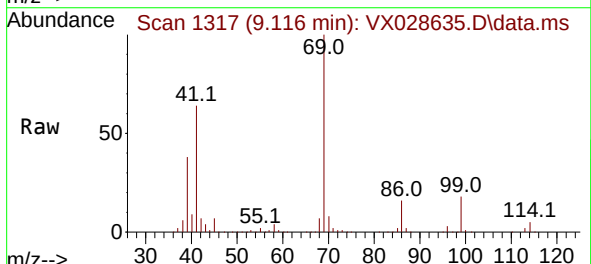
Tgt Ion: 69 Resp: 212632

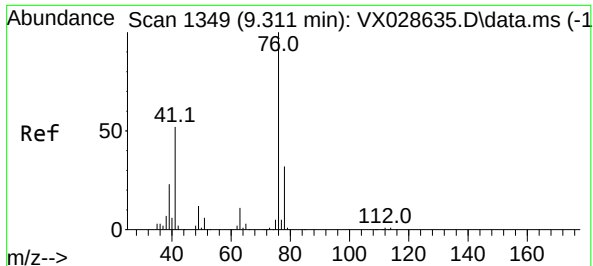
Ion Ratio Lower Upper

69 100

41 63.5 43.8 65.6

39 38.6 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 51.466 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 22664

Ion Ratio Lower Upper

76 100

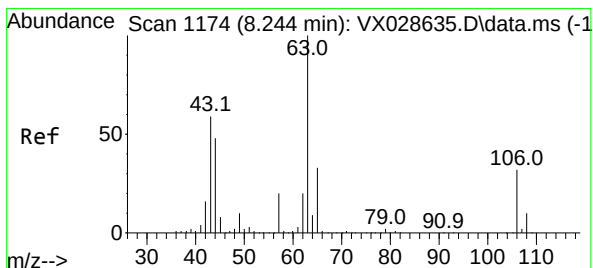
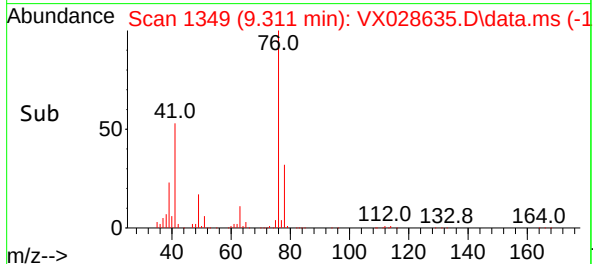
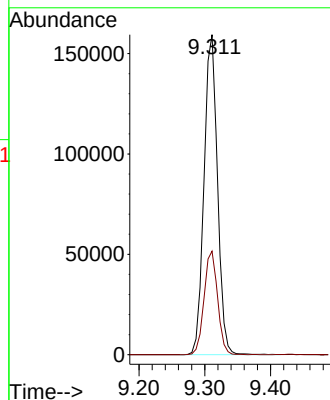
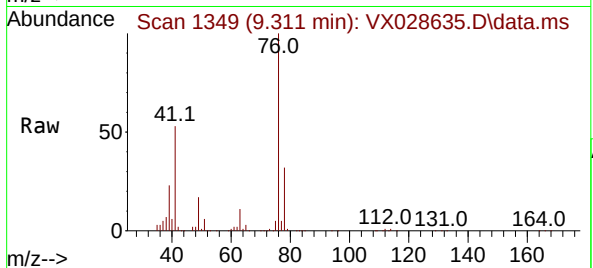
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 265.924 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028635.D

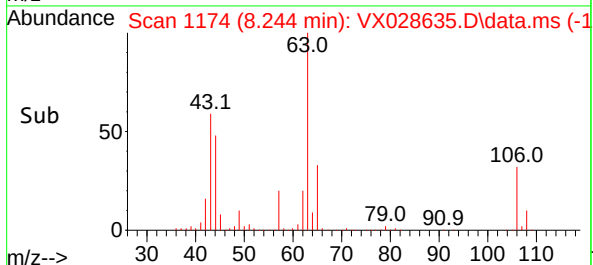
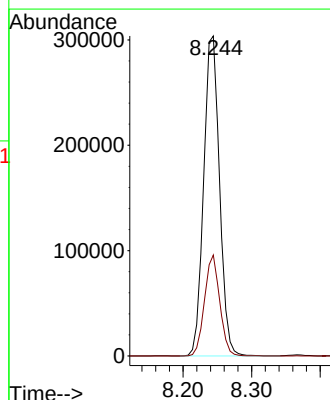
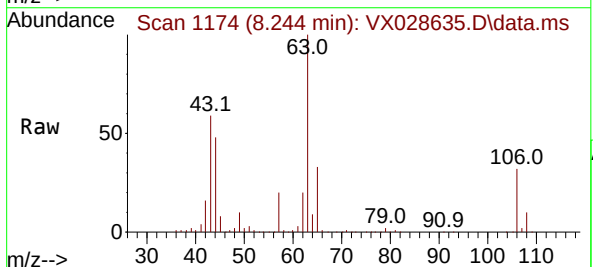
Acq: 12 May 2022 13:40

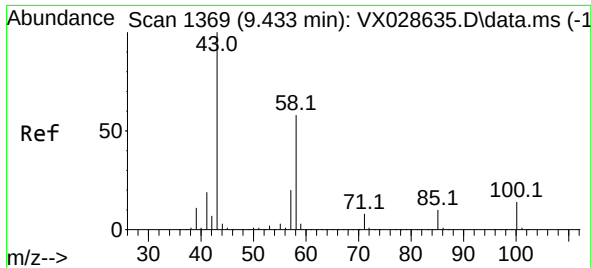
Tgt Ion: 63 Resp: 489526

Ion Ratio Lower Upper

63 100

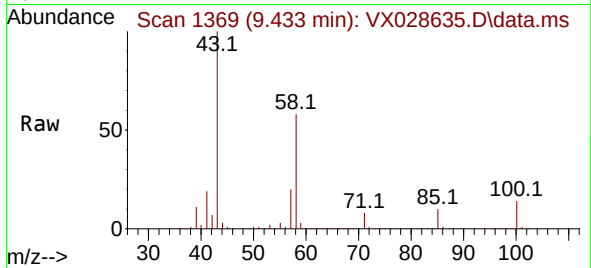
106 30.3 23.9 35.9





#59
2-Hexanone
Concen: 279.731 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

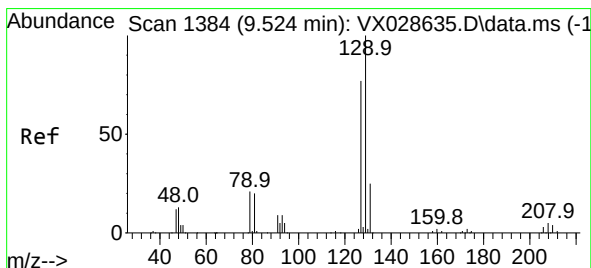
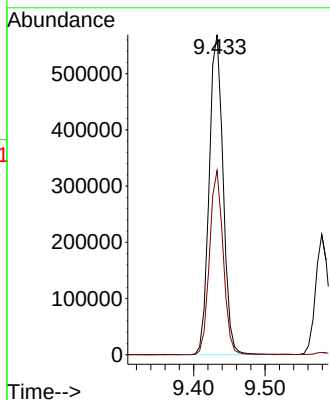
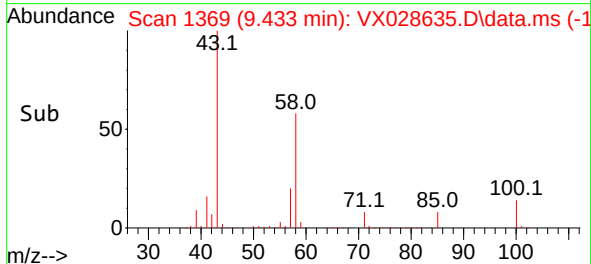
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 76995
Ion Ratio Lower Upper
43 100
58 56.5 31.9 95.7

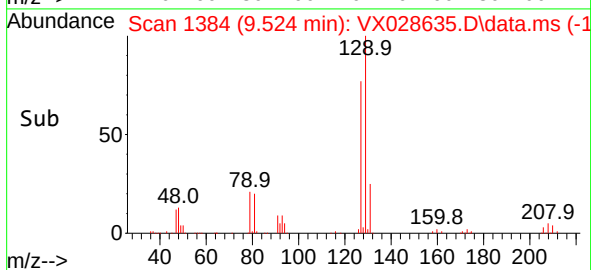
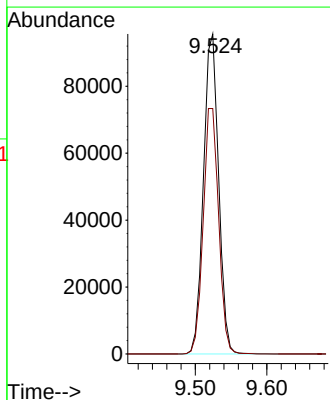
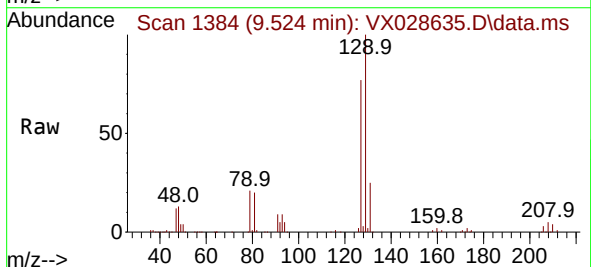
Manual Integrations
APPROVED

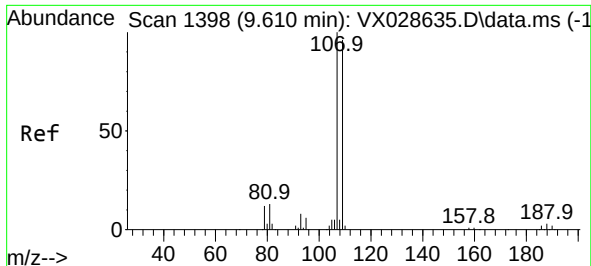
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 48.436 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

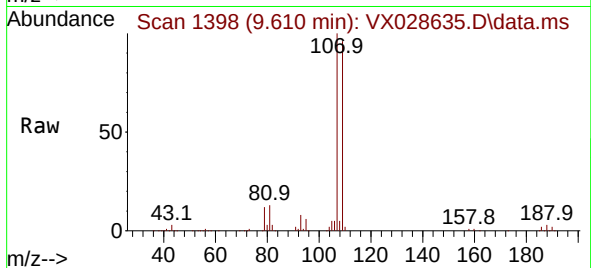
Tgt Ion:129 Resp: 140689
Ion Ratio Lower Upper
129 100
127 78.2 40.3 120.8





#61
1,2-Dibromoethane
Concen: 49.139 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

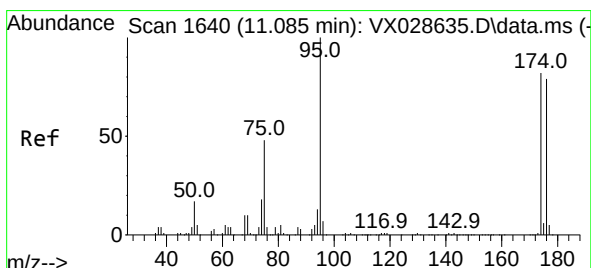
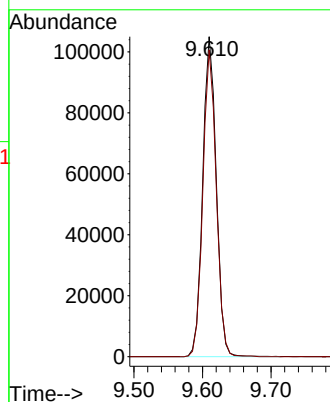
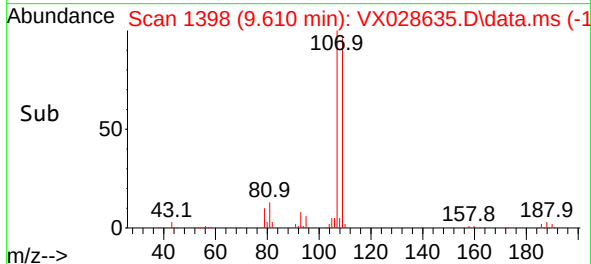
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



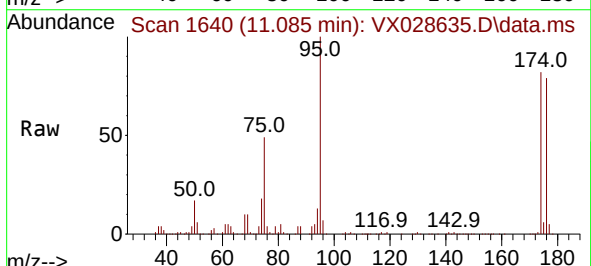
Tgt Ion:107 Resp: 14447
Ion Ratio Lower Upper
107 100
109 94.9 74.4 111.6

Manual Integrations
APPROVED

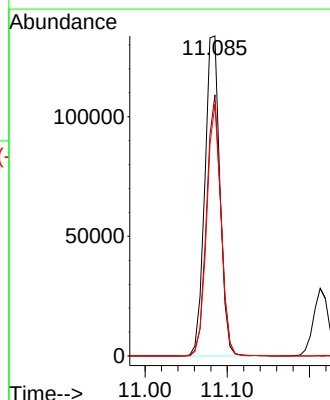
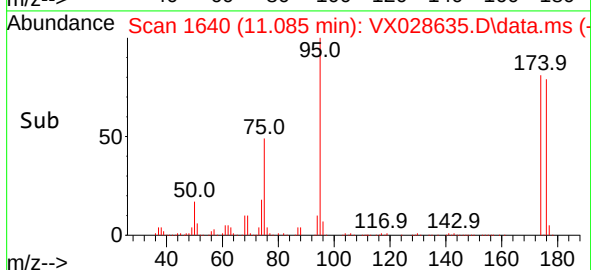
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

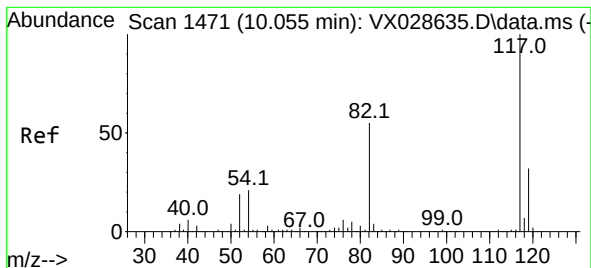


#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



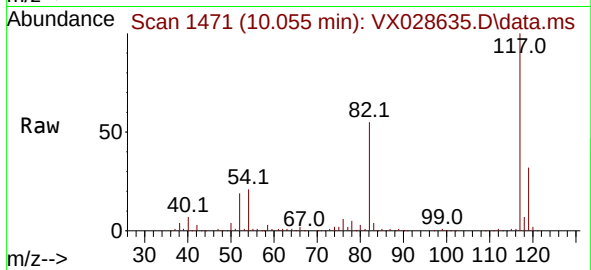
Tgt Ion: 95 Resp: 170923
Ion Ratio Lower Upper
95 100
174 77.4 0.0 163.0
176 74.5 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

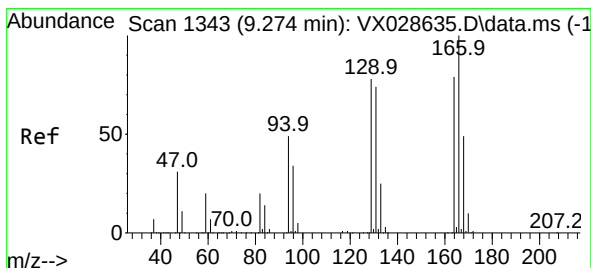
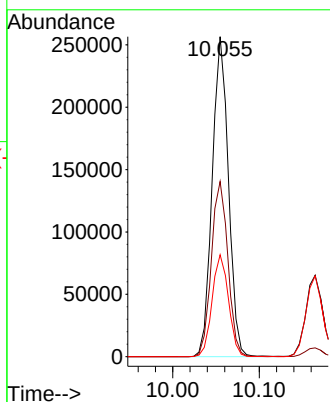
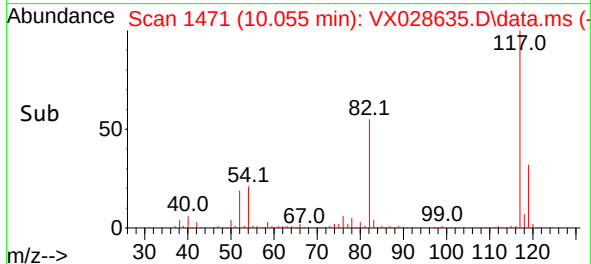
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 333650
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 31.9 24.8 37.2

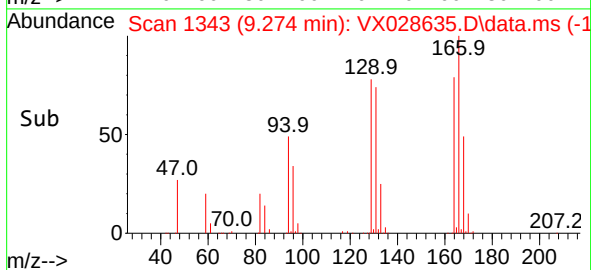
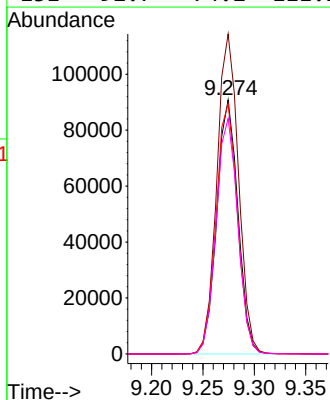
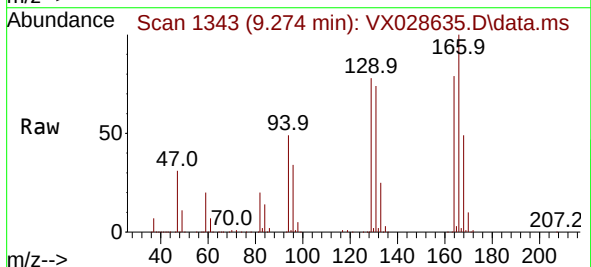
Manual Integrations
APPROVED

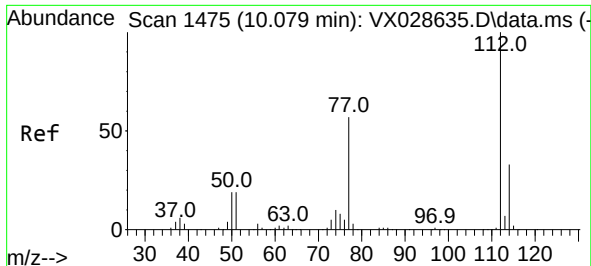
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 49.366 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

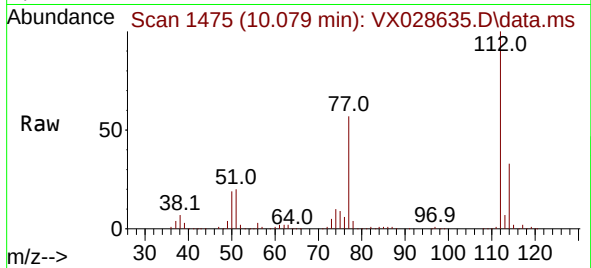
Tgt Ion:164 Resp: 130169
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 98.5 73.0 109.4
131 92.7 74.2 111.2





#65
Chlorobenzene
Concen: 50.395 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

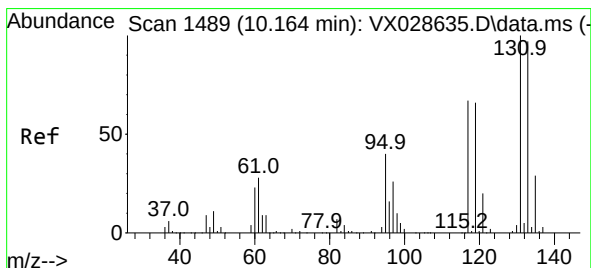
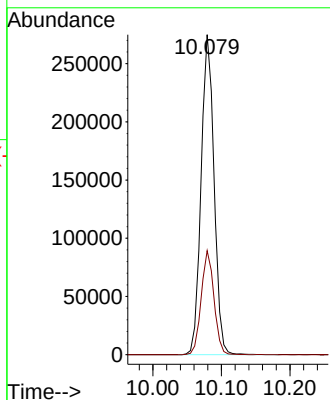
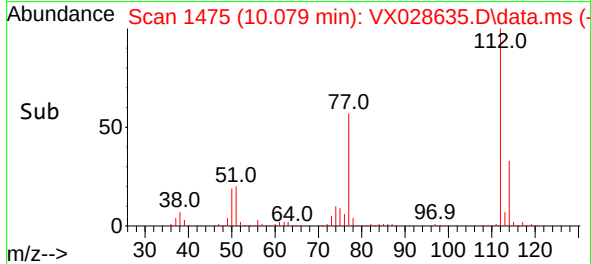
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 361978
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

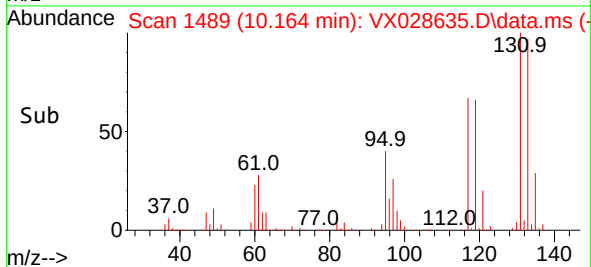
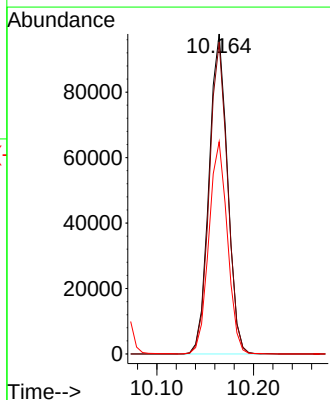
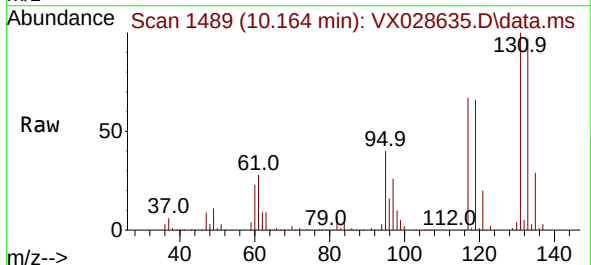
Manual Integrations
APPROVED

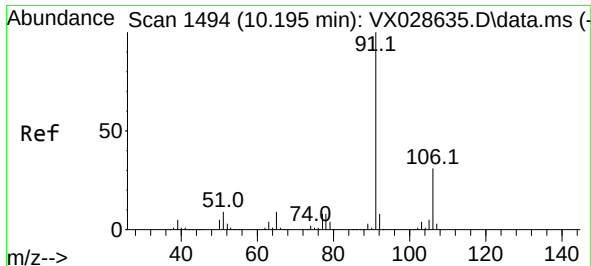
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.890 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion:131 Resp: 129855
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.8
119 66.5 32.6 98.0





#67

Ethyl Benzene

Concen: 54.370 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 661174

Ion Ratio Lower Upper

91 100

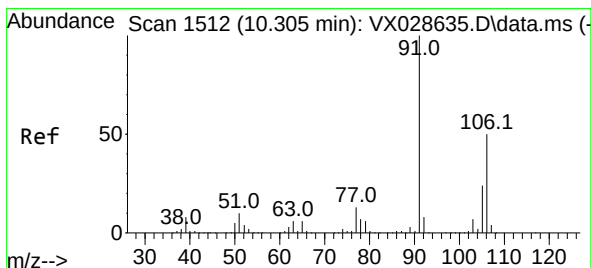
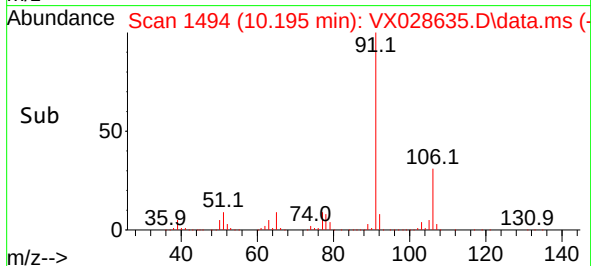
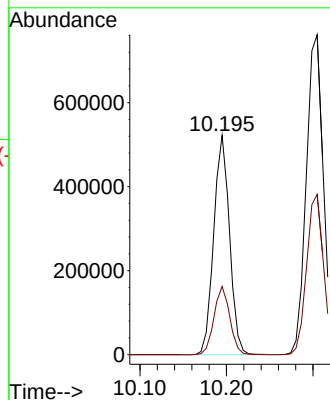
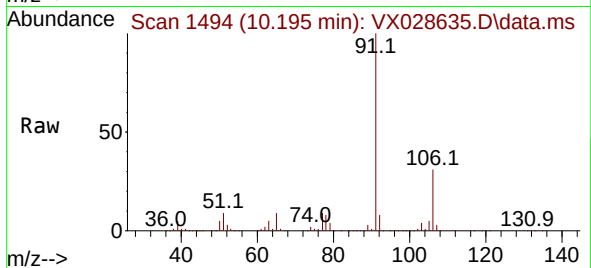
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#68

m/p-Xylenes

Concen: 105.688 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028635.D

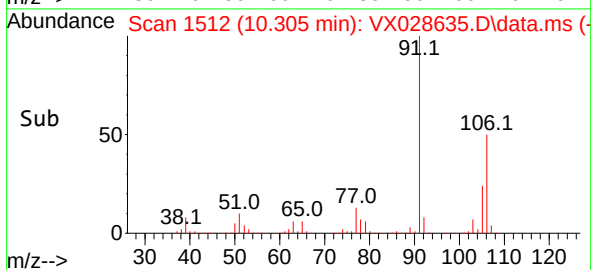
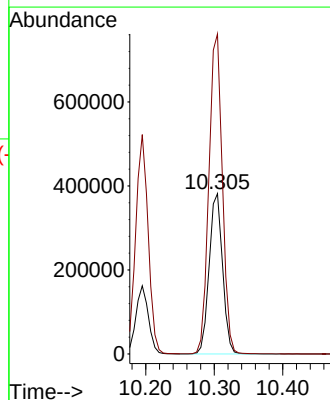
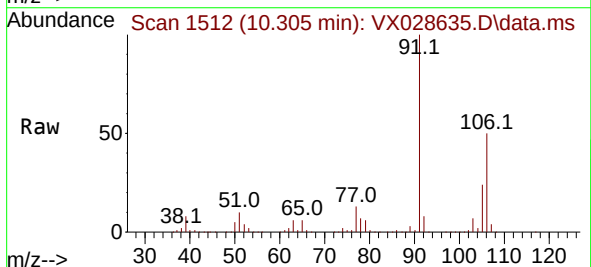
Acq: 12 May 2022 13:40

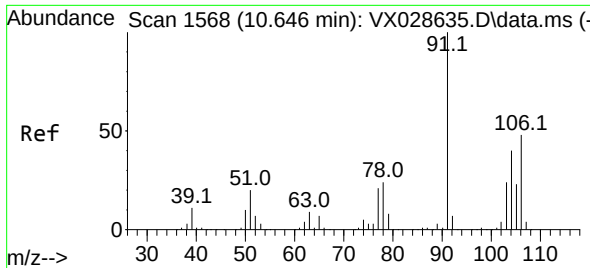
Tgt Ion:106 Resp: 518435

Ion Ratio Lower Upper

106 100

91 200.7 160.4 240.6





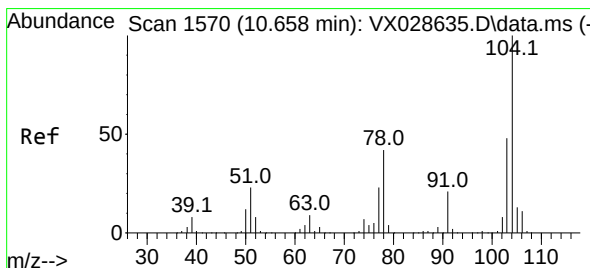
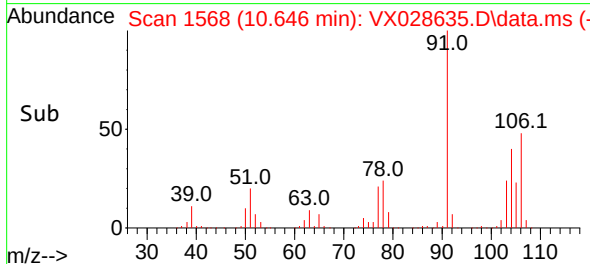
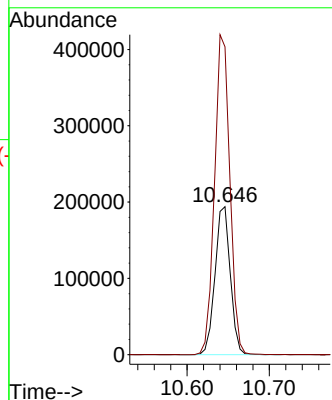
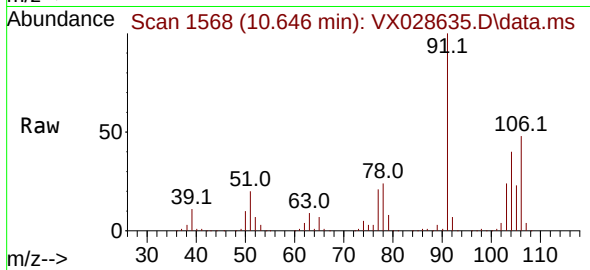
#69
o-Xylene
Concen: 51.374 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 250602
Ion Ratio Lower Upper
106 100
91 216.7 106.1 318.1

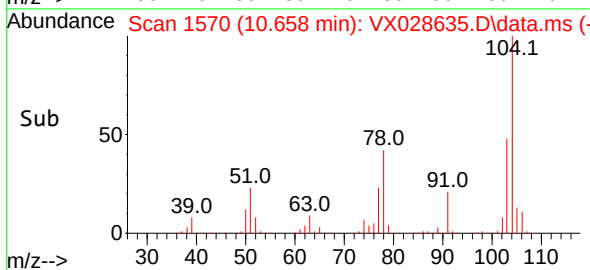
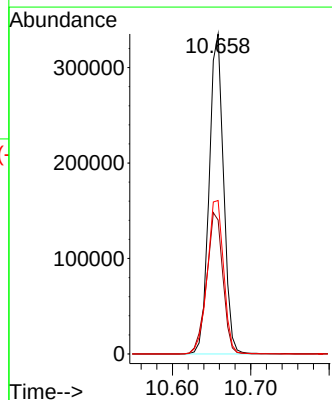
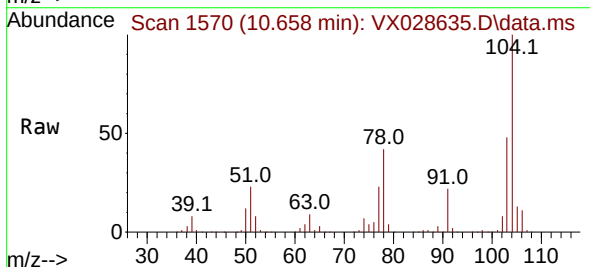
Manual Integrations
APPROVED

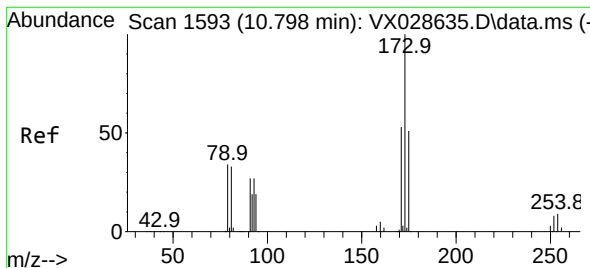
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 53.873 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion:104 Resp: 427761
Ion Ratio Lower Upper
104 100
78 49.9 38.6 57.8
103 54.5 43.8 65.8





#71

Bromoform

Concen: 48.186 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

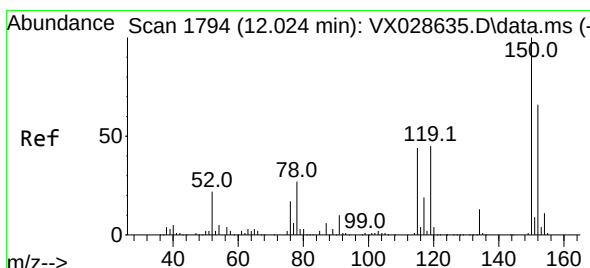
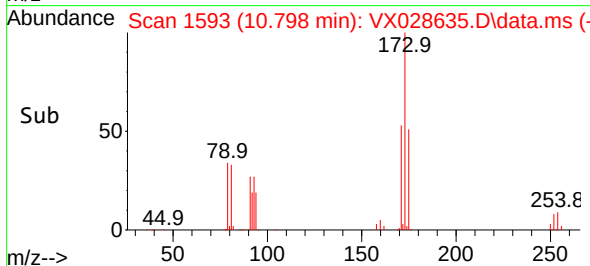
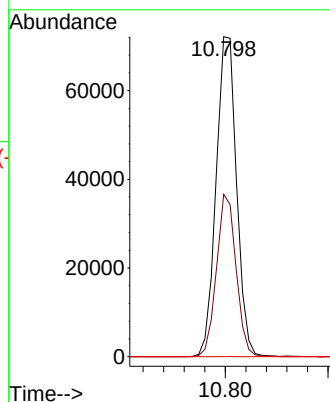
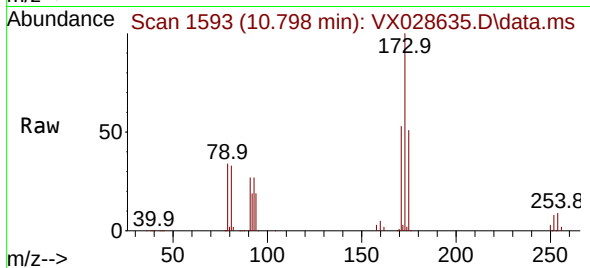
Tgt Ion:173	Resp:	99684
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.1 72.2
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

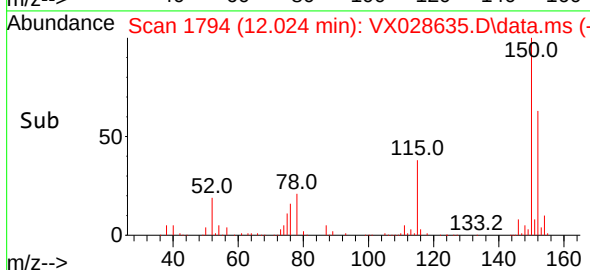
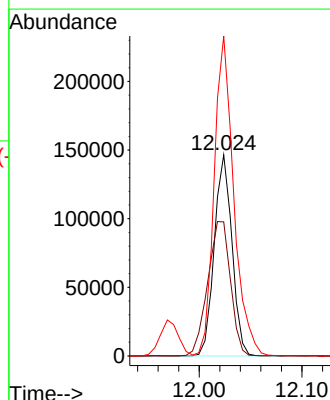
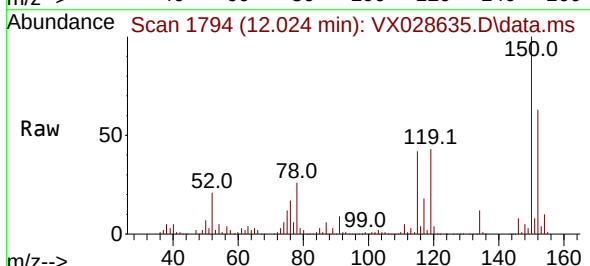
RT: 12.024 min Scan# 1794

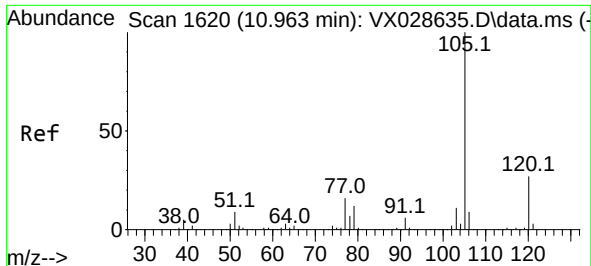
Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

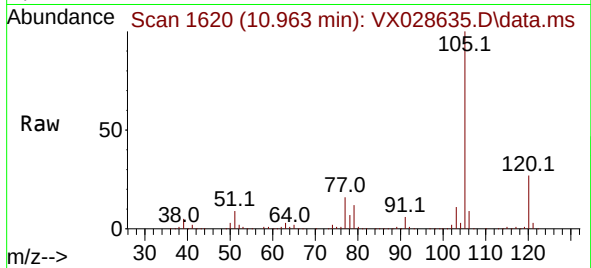
Tgt Ion:152	Resp:	174496
Ion Ratio	Lower	Upper
152	100	
115	86.3	37.5 112.7
150	176.6	0.0 338.2





#73
Isopropylbenzene
Concen: 53.645 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

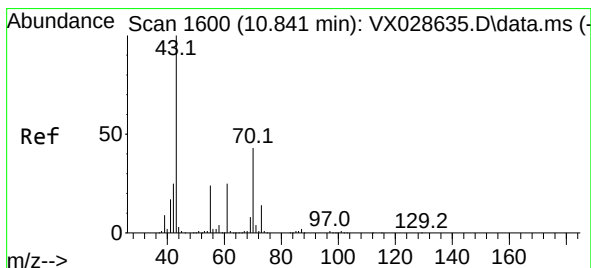
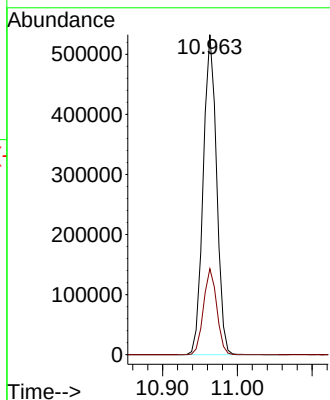
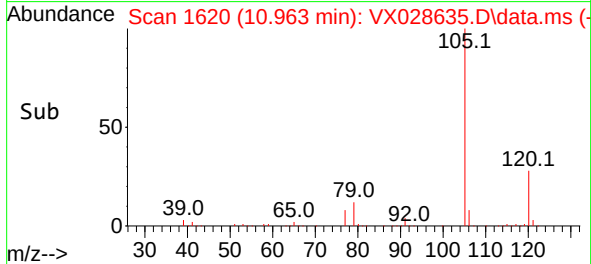
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 661490
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

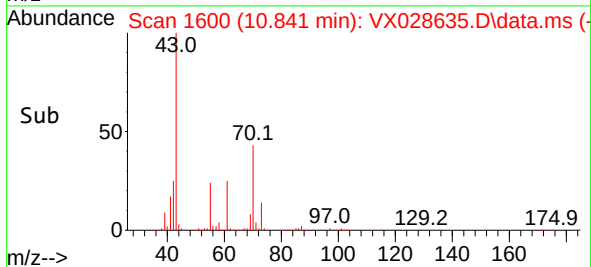
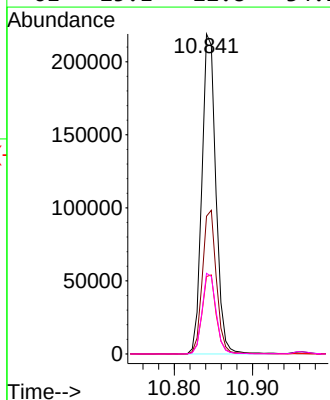
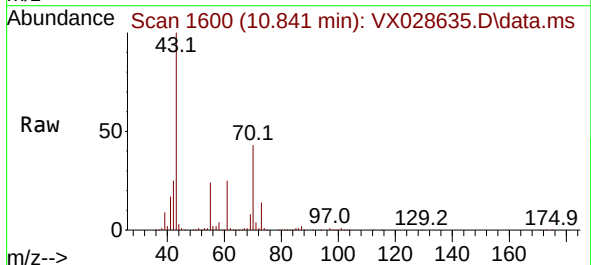
Manual Integrations
APPROVED

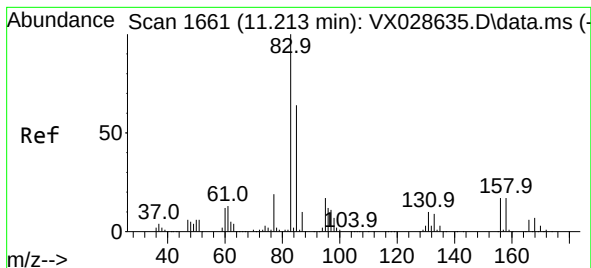
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#74
N-ethyl acetate
Concen: 61.622 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion: 43 Resp: 271148
Ion Ratio Lower Upper
43 100
70 45.2 42.5 63.7
55 24.7 23.1 34.7
61 25.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.047 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 21718

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

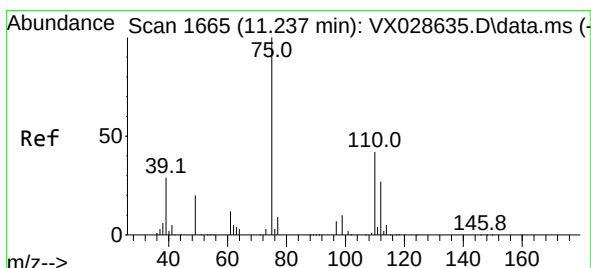
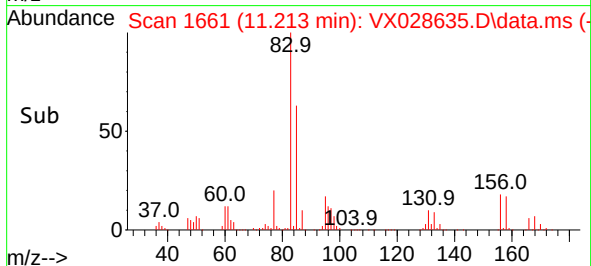
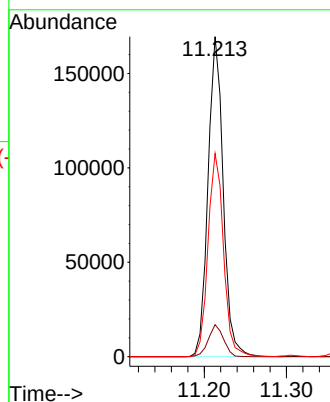
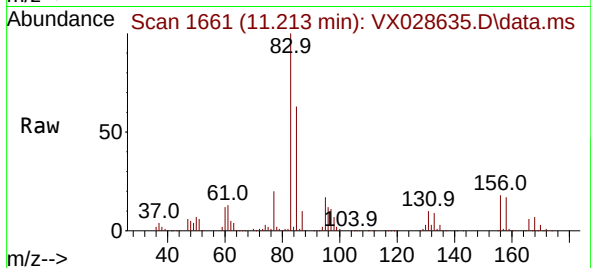
85 64.9 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#76

1,2,3-Trichloropropane

Concen: 56.566 ug/l m

RT: 11.237 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX028635.D

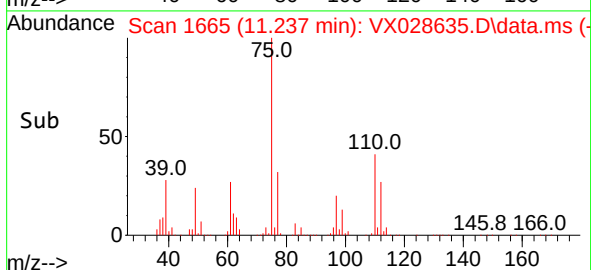
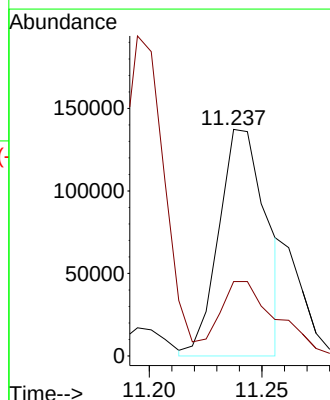
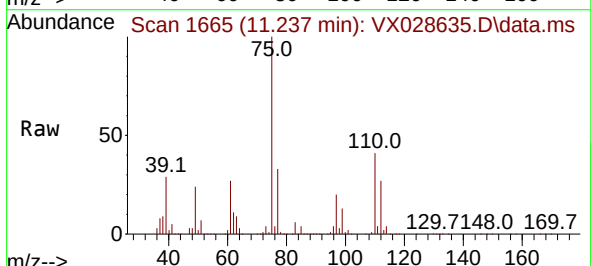
Acq: 12 May 2022 13:40

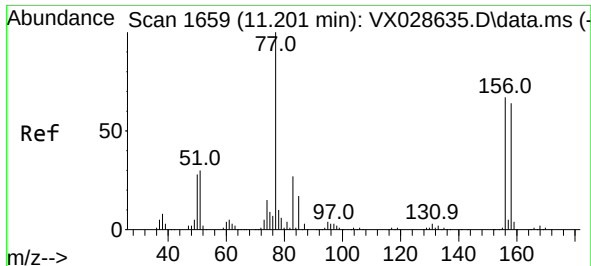
Tgt Ion: 75 Resp: 201358

Ion Ratio Lower Upper

75 100

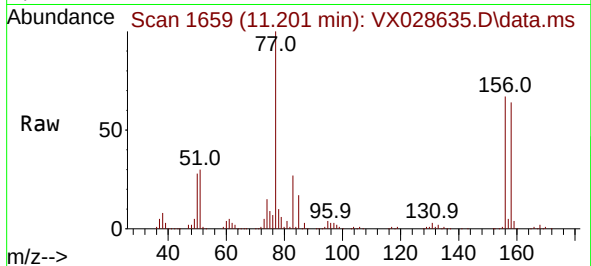
77 39.9 19.4 58.2





#77
Bromobenzene
Concen: 49.468 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

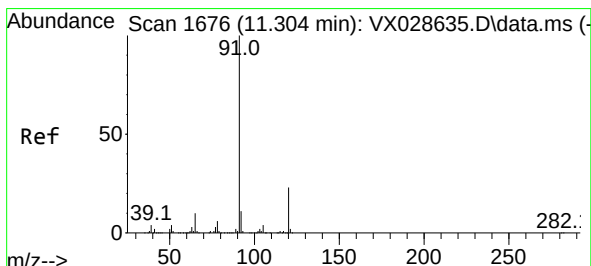
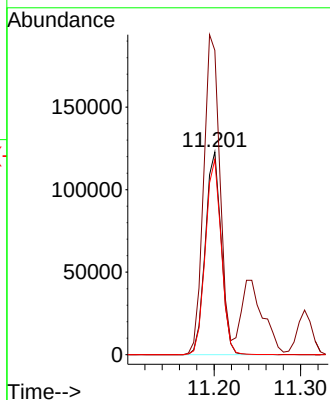
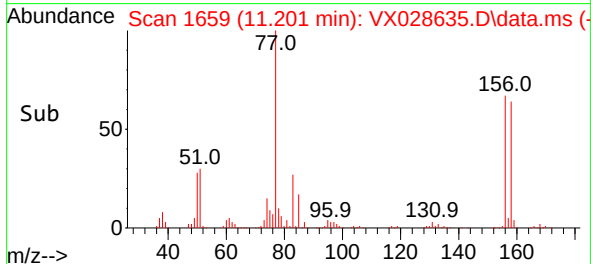
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



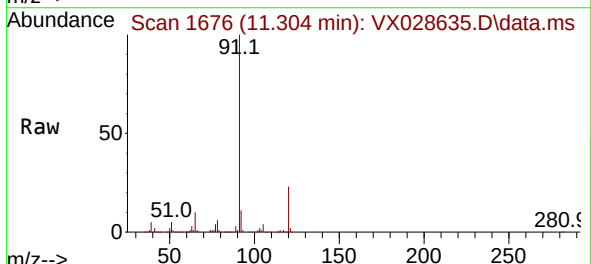
Tgt Ion:156 Resp: 15674
Ion Ratio Lower Upper
156 100
77 161.2 78.5 235.3
158 96.3 50.2 150.7

Manual Integrations
APPROVED

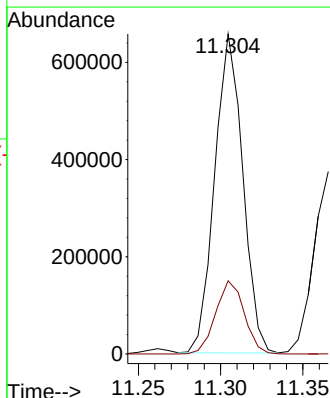
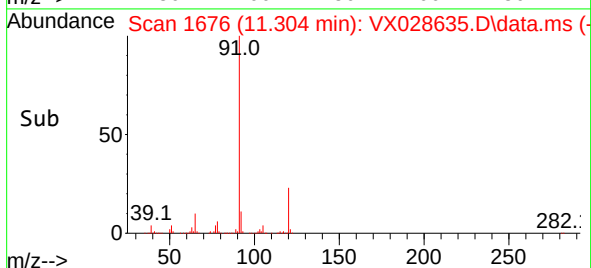
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

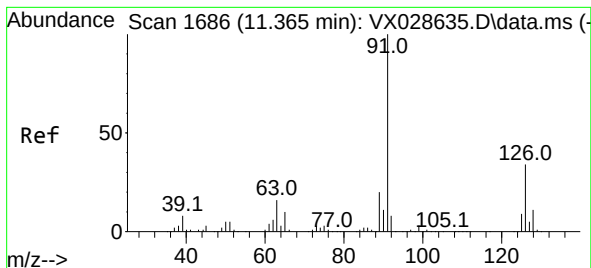


#78
n-propylbenzene
Concen: 56.616 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



Tgt Ion: 91 Resp: 778967
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





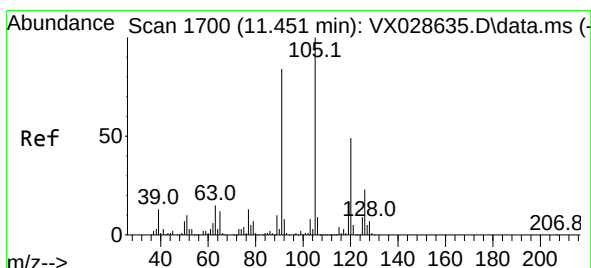
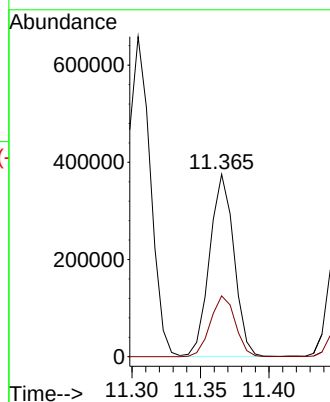
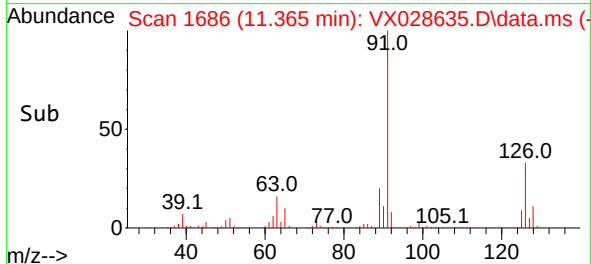
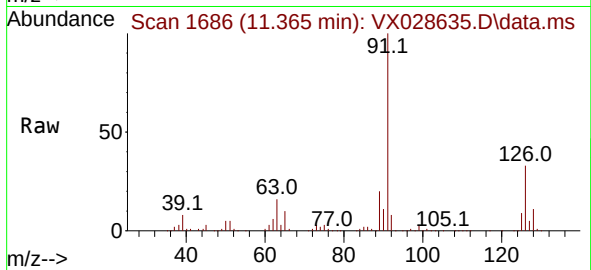
#79
2-Chlorotoluene
Concen: 54.291 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 462307
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

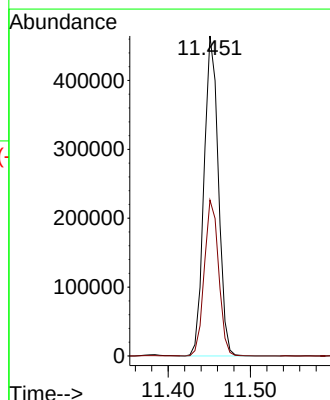
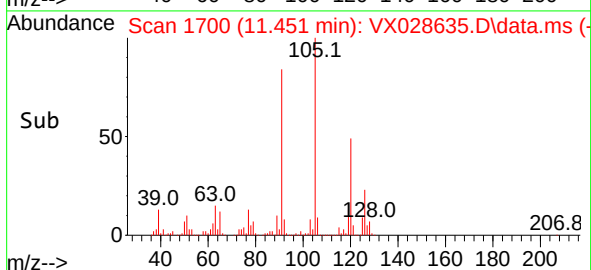
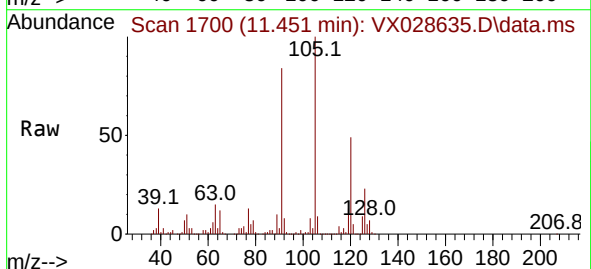
Manual Integrations
APPROVED

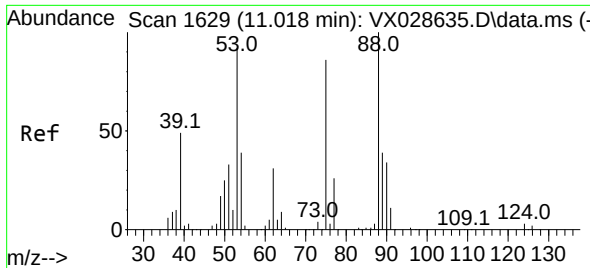
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.000 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Tgt Ion:105 Resp: 562388
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





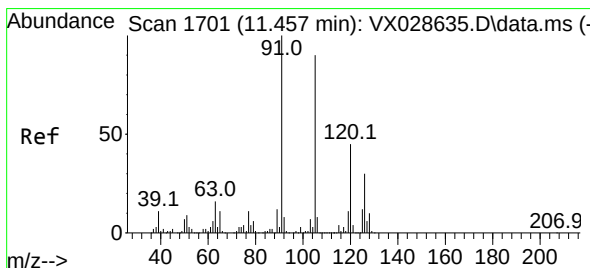
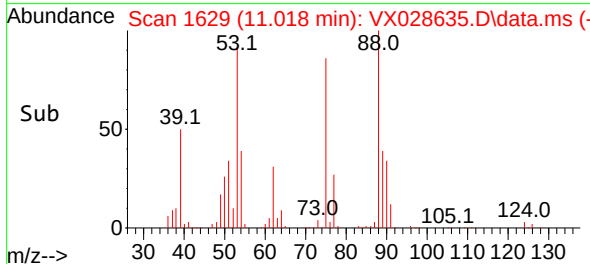
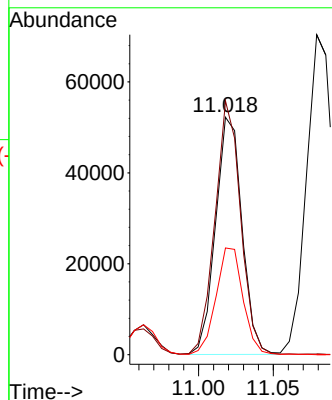
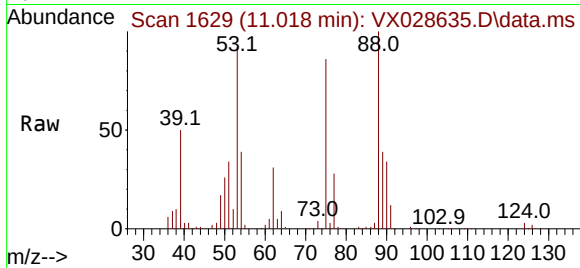
#81
trans-1,4-Dichloro-2-butene
Concen: 54.172 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 64329
Ion Ratio Lower Upper
75 100
53 104.2 69.0 103.4
89 46.0 37.0 55.6

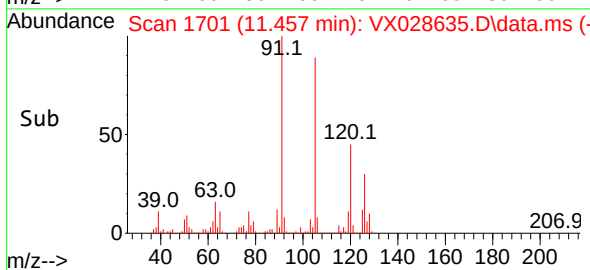
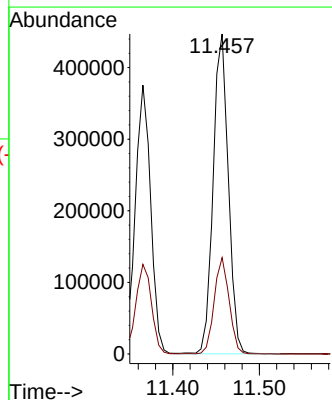
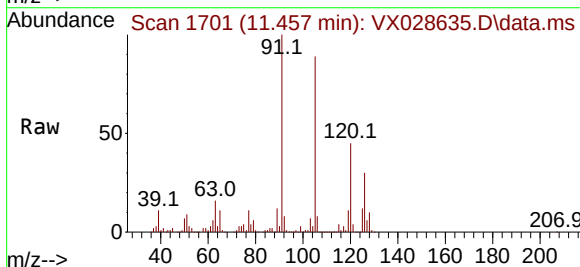
Manual Integrations
APPROVED

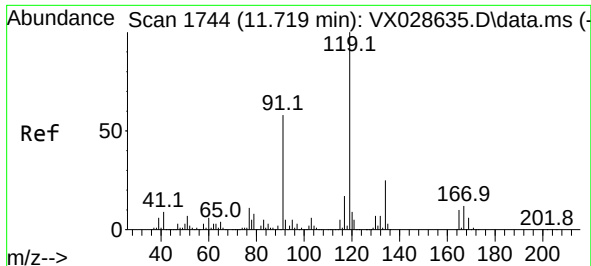
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 55.350 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

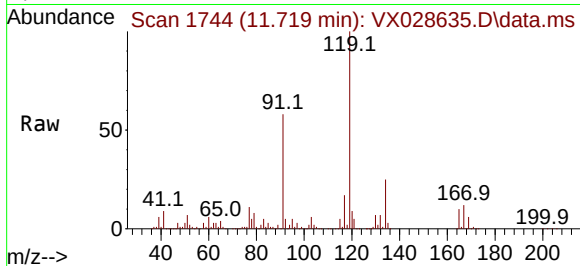
Tgt Ion: 91 Resp: 543626
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83
tert-Butylbenzene
Concen: 51.259 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

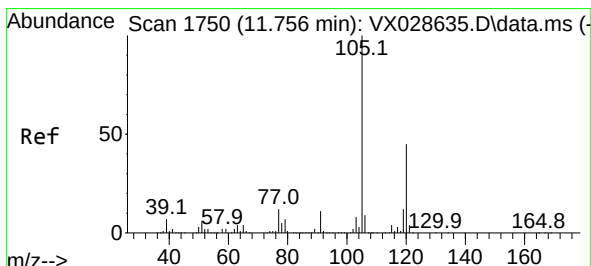
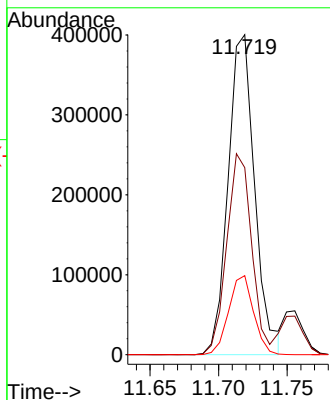
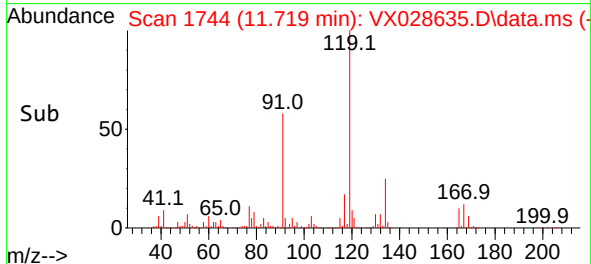
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



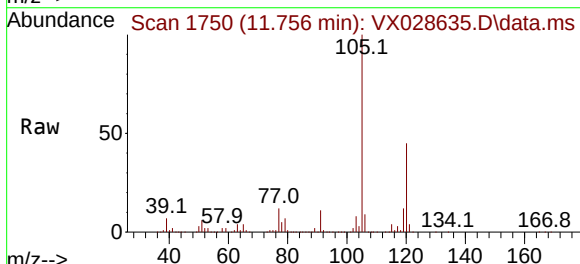
Tgt Ion:119 Resp: 540398
Ion Ratio Lower Upper
119 100
91 58.9 26.9 80.6
134 23.2 11.4 34.2

Manual Integrations
APPROVED

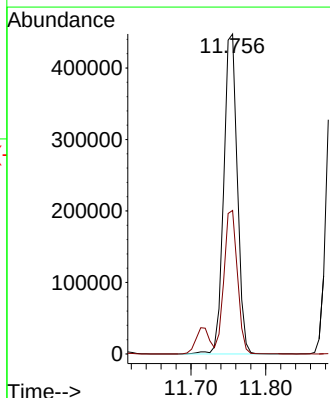
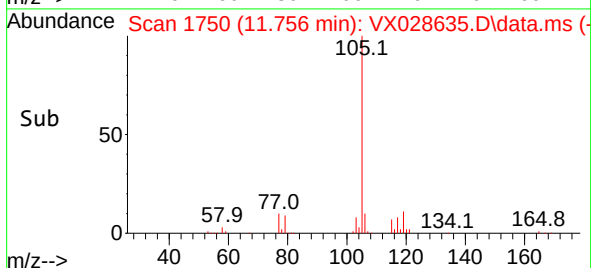
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

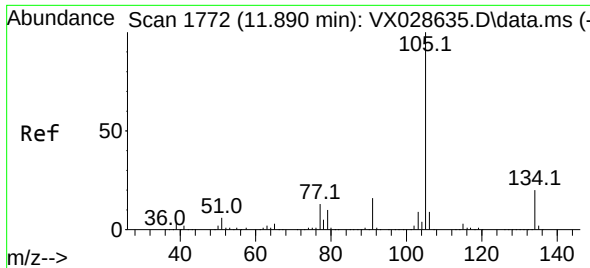


#84
1,2,4-Trimethylbenzene
Concen: 54.677 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



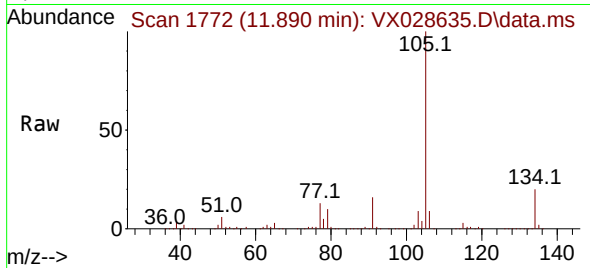
Tgt Ion:105 Resp: 566030
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 52.687 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028635.D
 Acq: 12 May 2022 13:40

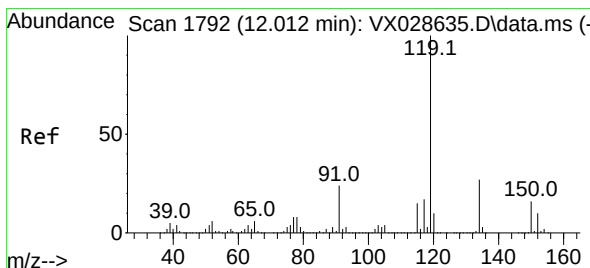
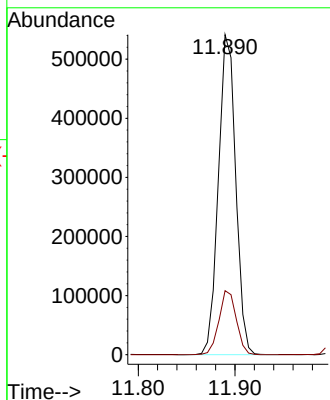
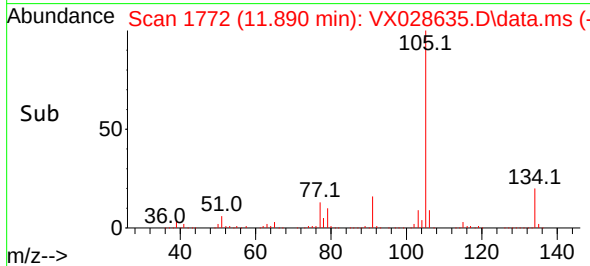
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



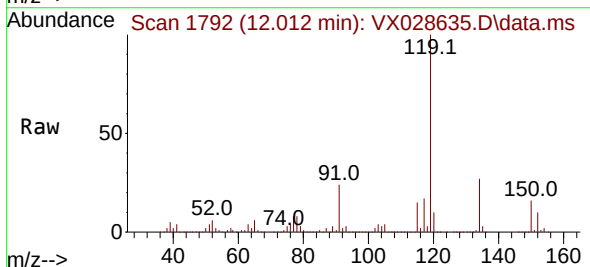
Tgt Ion:105 Resp: 67226
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
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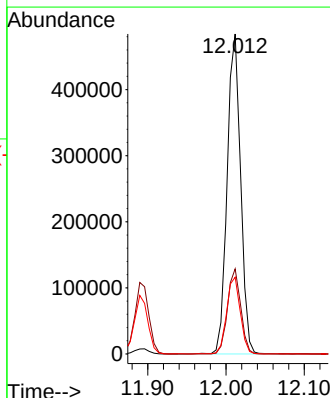
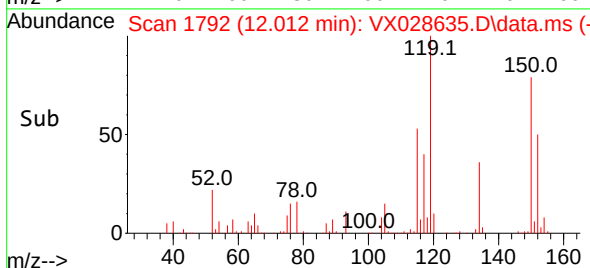
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

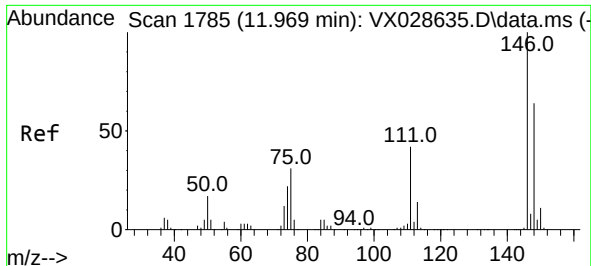


#86
 p-Isopropyltoluene
 Concen: 52.744 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028635.D
 Acq: 12 May 2022 13:40



Tgt Ion:119 Resp: 578291
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.632 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 30731

Ion Ratio Lower Upper

146 100

111 41.8 19.7 59.1

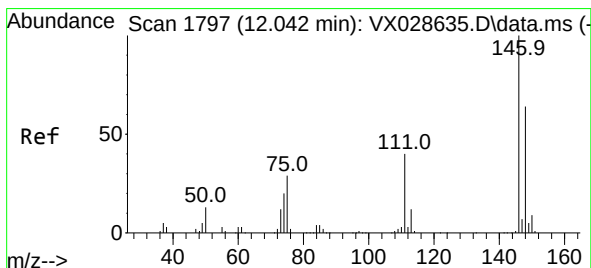
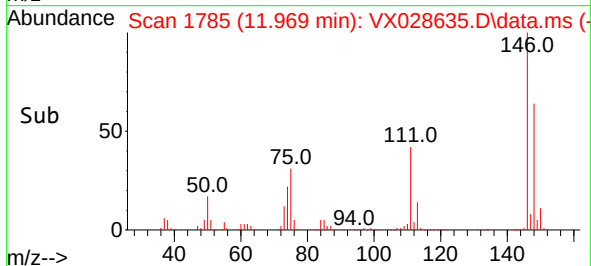
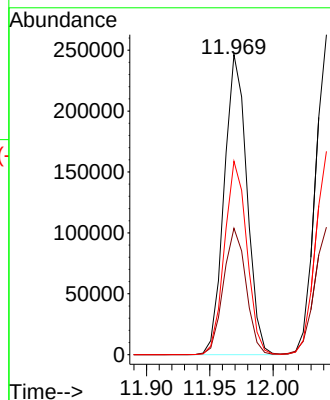
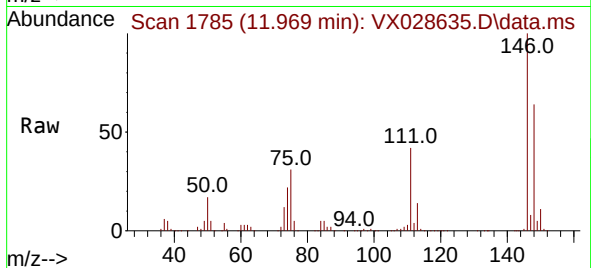
148 63.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 49.945 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028635.D

Acq: 12 May 2022 13:40

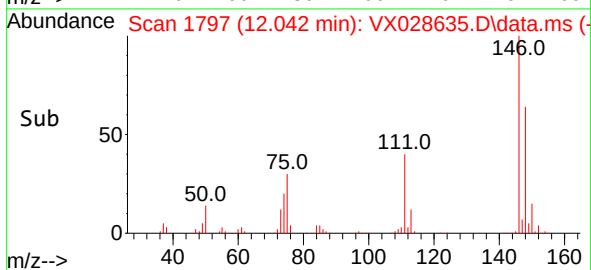
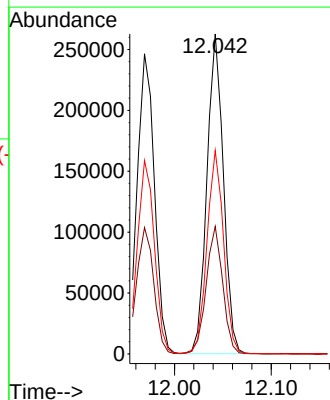
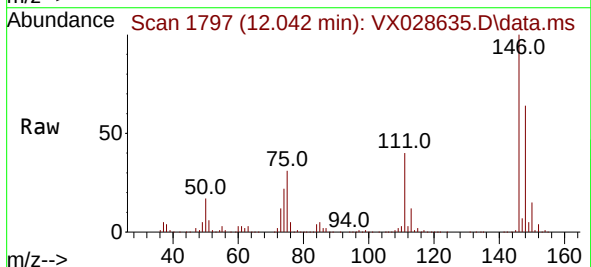
Tgt Ion:146 Resp: 311478

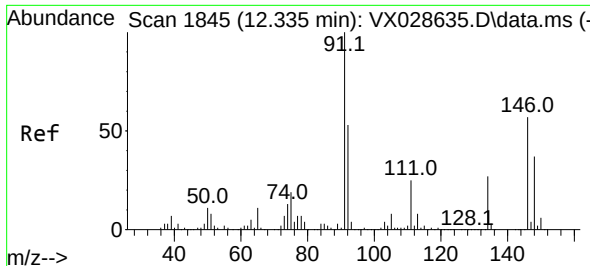
Ion Ratio Lower Upper

146 100

111 40.3 19.2 57.6

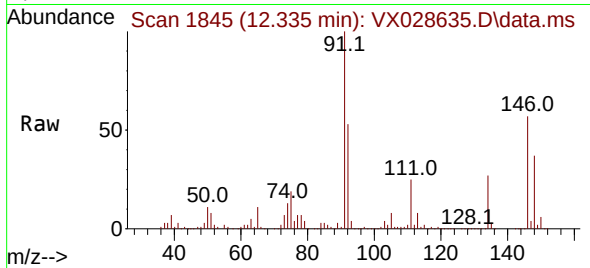
148 64.0 32.3 96.9





#89
n-Butylbenzene
Concen: 55.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

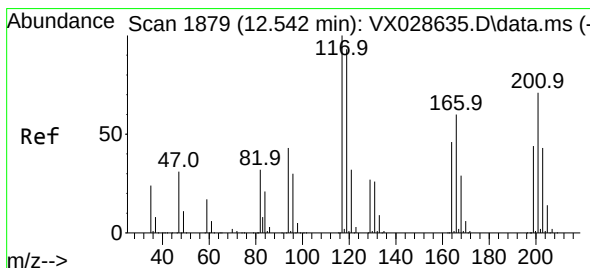
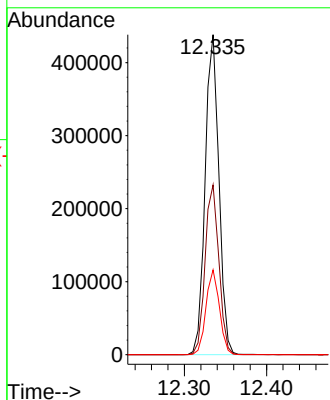
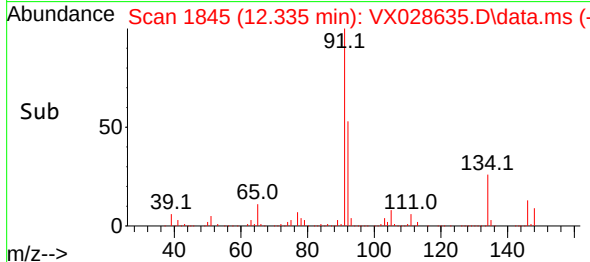
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 509274
Ion Ratio Lower Upper
91 100
92 53.1 27.8 83.3
134 25.9 13.3 39.8

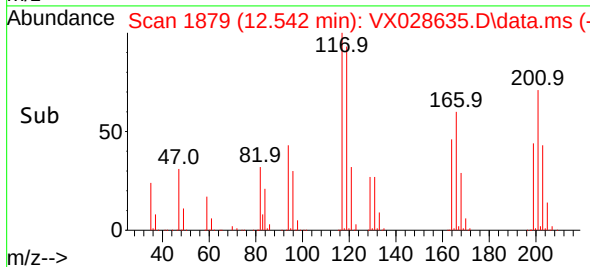
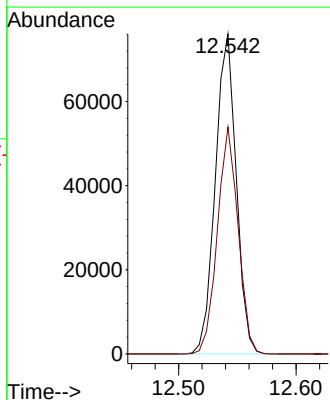
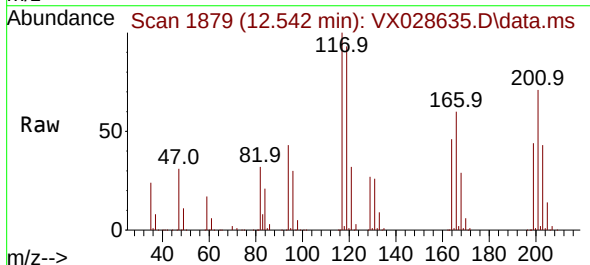
Manual Integrations
APPROVED

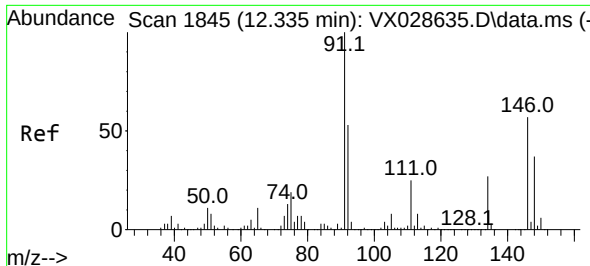
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 53.768 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

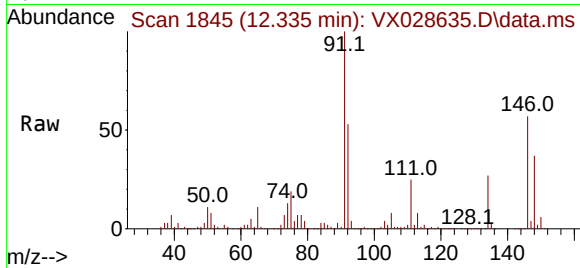
Tgt Ion:117 Resp: 94231
Ion Ratio Lower Upper
117 100
201 70.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 51.410 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

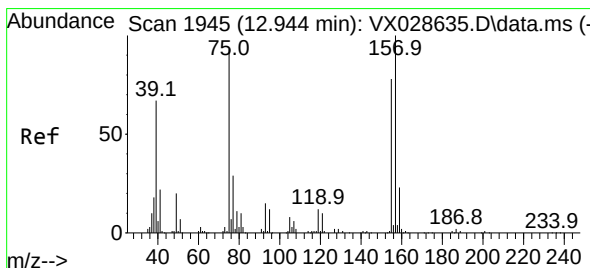
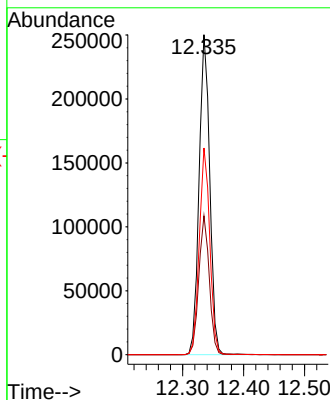
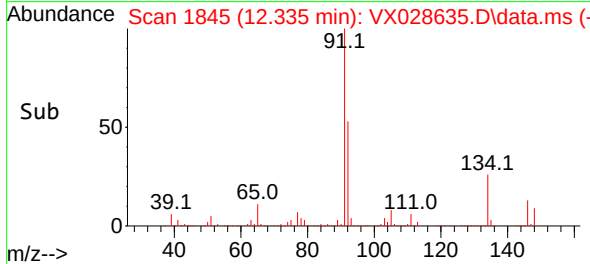
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



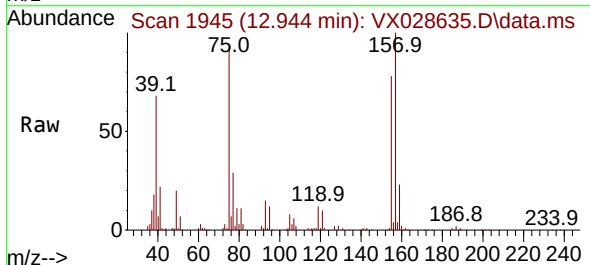
Tgt Ion:146 Resp: 304062
Ion Ratio Lower Upper
146 100
111 42.8 21.0 63.0
148 64.0 32.6 97.7

Manual Integrations
APPROVED

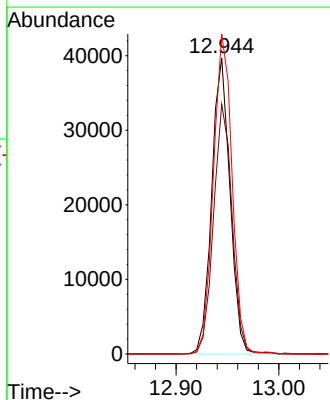
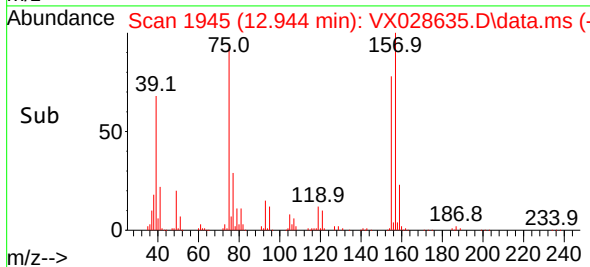
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

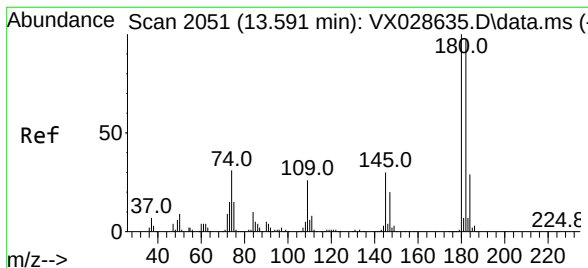


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.798 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



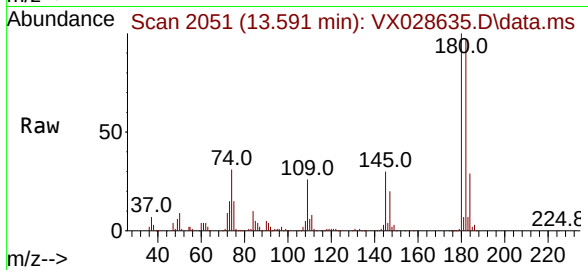
Tgt Ion: 75 Resp: 48843
Ion Ratio Lower Upper
75 100
155 85.9 47.0 141.2
157 110.5 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 50.614 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

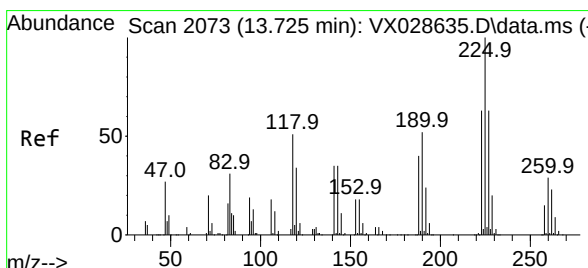
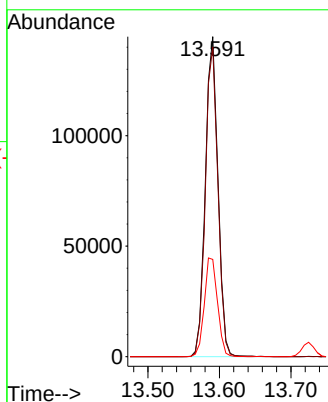
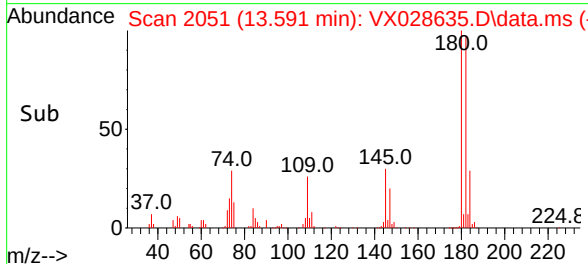
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



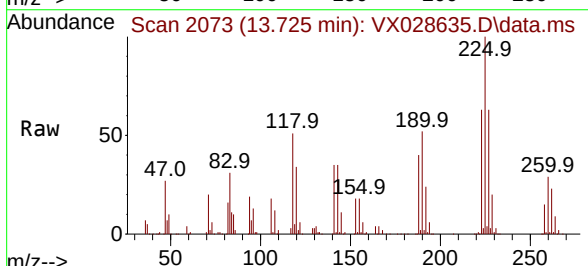
Tgt Ion:180 Resp: 178108
Ion Ratio Lower Upper
180 100
182 96.0 47.7 143.1
145 32.2 15.2 45.5

Manual Integrations
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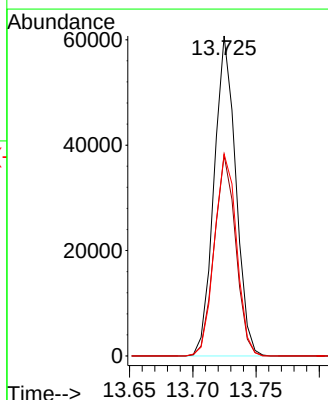
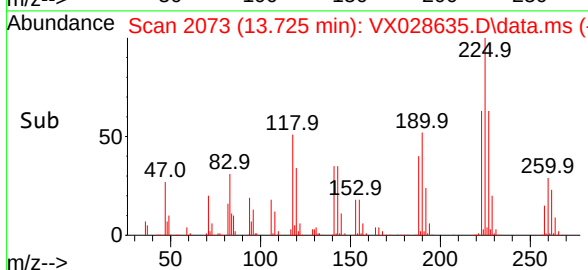
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

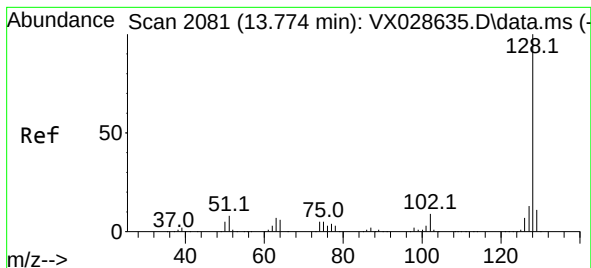


#94
Hexachlorobutadiene
Concen: 46.494 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



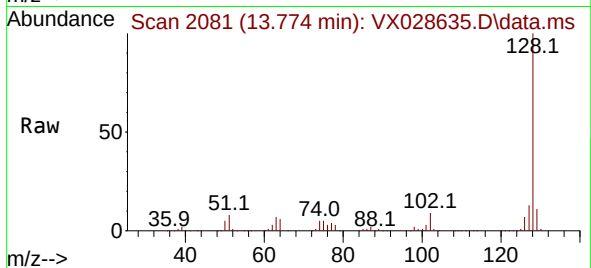
Tgt Ion:225 Resp: 72259
Ion Ratio Lower Upper
225 100
223 62.2 34.2 102.5
227 64.5 33.9 101.7





#95
Naphthalene
Concen: 55.406 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40

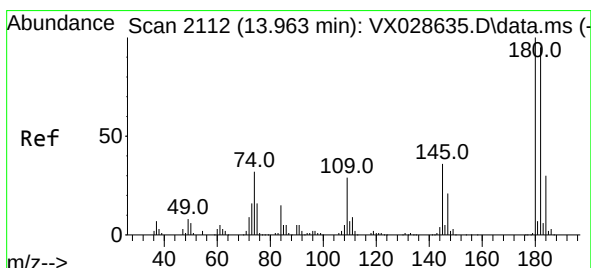
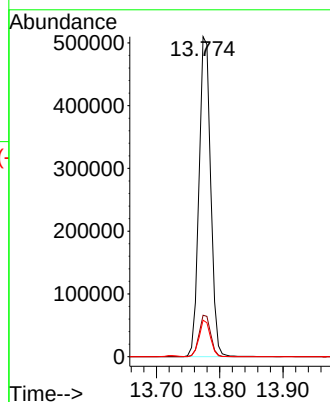
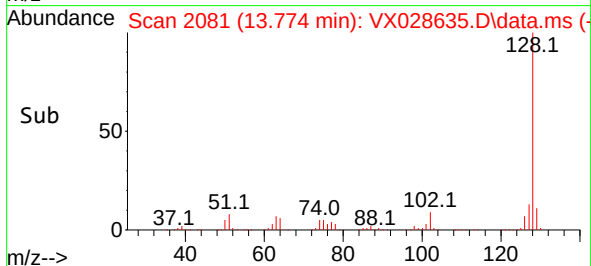
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



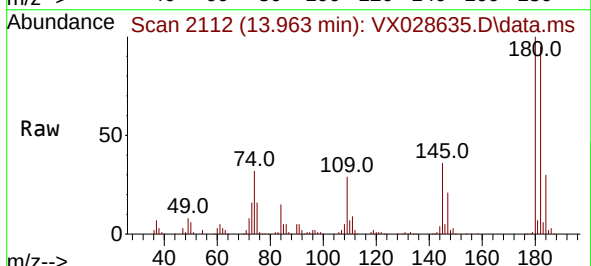
Tgt Ion:128 Resp: 65552
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.890 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028635.D
Acq: 12 May 2022 13:40



Tgt Ion:180 Resp: 175338
Ion Ratio Lower Upper
180 100
182 95.3 50.0 149.8
145 34.9 16.2 48.5

