

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017621.D
 Acq On : 27 Jul 2020 16:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:04 AM

Quant Time: Jul 28 01:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	100066	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	532535	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	504293	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	235818	30.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.23%
60) 4-Bromofluorobenzene	11.12	95	255771	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.70	98	629966	28.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	178745	23.256	ug/l 97
3) Chloromethane	1.32	50	153823	20.690	ug/l 99
4) Vinyl Chloride	1.39	62	152369	20.591	ug/l 100
5) Bromomethane	1.64	94	97782	21.398	ug/l 96
6) Chloroethane	1.71	64	82205	19.714	ug/l 96
7) Trichlorofluoromethane	1.92	101	222354	19.407	ug/l 97
8) Diethyl Ether	2.17	74	64692	19.585	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99991	19.277	ug/l 97
10) 1,1-Dichloroethene	2.36	96	90363	18.772	ug/l 97
11) Methyl Iodide	2.50	142	106084	17.507	ug/l 96
12) Methyl Acetate	2.75	43	139679	19.080	ug/l 98
13) Acrolein	2.28	56	98414	90.727	ug/l 100
14) Acrylonitrile	3.12	53	302512	98.838	ug/l 99
15) Acetone	2.42	58	84163	100.667	ug/l 95
16) Carbon Disulfide	2.55	76	248036	19.436	ug/l 99
17) Allyl chloride	2.71	41	166413	18.185	ug/l 97
18) Methylene Chloride	2.84	84	116437	20.615	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	98726	19.194	ug/l 99
20) Diisopropyl ether	3.83	45	359060	19.594	ug/l 93
21) 1,1-Dichloroethane	3.67	63	198830	20.273	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	119754	19.704	ug/l 99
23) tert-Butyl Alcohol	3.01	59	131819	91.881	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	365134	19.061	ug/l 99
25) Chloroform	5.18	83	209036	19.188	ug/l 93
26) Cyclohexane	5.56	56	171557	19.666	ug/l # 6
29) 1,1-Dichloropropene	5.77	75	137637	18.179	ug/l 98
30) 2-Butanone	4.64	43	441692	103.049	ug/l 100
31) 2,2-Dichloropropane	4.56	77	173419	17.764	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	192834	18.840	ug/l 99
33) Carbon Tetrachloride	5.76	117	173909	18.383	ug/l 98
34) Benzene	6.12	78	401190	18.741	ug/l 96
35) Methacrylonitrile	5.00	41	89848	18.839	ug/l 96
36) 1,2-Dichloroethane	6.17	62	172126	18.921	ug/l 99
37) Trichloroethene	7.19	130	124477	18.943	ug/l 97
38) Methylcyclohexane	7.44	83	149689	15.623	ug/l 99
39) 1,2-Dichloropropane	7.49	63	115833	19.379	ug/l 94
40) Dibromomethane	7.64	93	80960	19.080	ug/l 99

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Quant Time: Jul 28 01:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	172094	18.314	ug/l #	96
42) Vinyl Acetate	3.79	43	1338599	94.556	ug/l	100
43) Ethyl Acetate	4.80	43	144255	18.269	ug/l #	83
44) Isopropyl Acetate	6.42	43	251886	18.369	ug/l	99
45) 1,4-Dioxane	7.71	88	50782	356.951	ug/l #	92
46) Methyl methacrylate	7.75	41	129033	18.525	ug/l	94
47) n-amyl Acetate	10.88	43	233125	19.519	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	186533	18.223	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	193376	17.658	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	120356	19.798	ug/l	97
51) Ethyl methacrylate	9.16	69	174575	19.045	ug/l	97
52) 1,3-Dichloropropane	9.35	76	191614	19.334	ug/l	100
53) Dibromochloromethane	9.57	129	145098	18.794	ug/l	99
54) 1,2-Dibromoethane	9.65	107	124698	18.860	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	441458	90.144	ug/l	99
56) Bromoform	10.84	173	115506	19.601	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	840853	93.422	ug/l	100
59) 2-Hexanone	9.48	43	632251	99.813	ug/l	99
61) Tetrachloroethene	9.32	164	129050	18.781	ug/l	96
62) Toluene	8.77	91	459801	18.347	ug/l	99
64) Chlorobenzene	10.12	112	316450	19.320	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	128153	18.707	ug/l	96
66) Ethyl Benzene	10.24	91	524113	18.944	ug/l	96
67) m/p-Xylenes	10.34	106	398714	38.467	ug/l	98
68) o-Xylene	10.68	106	199599	19.384	ug/l	98
69) Styrene	10.69	104	347680	19.367	ug/l	99
70) Isopropylbenzene	11.00	105	527197	17.529	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	167177	19.943	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	166345m	19.793	ug/l	
73) Bromobenzene	11.24	156	152797	19.235	ug/l	97
74) n-propylbenzene	11.34	91	590601	17.423	ug/l	100
75) 2-Chlorotoluene	11.40	91	371946	18.235	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	439387	17.646	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	65589	19.179	ug/l	93
78) 4-Chlorotoluene	11.49	91	437351	18.395	ug/l	99
79) tert-butylbenzene	11.76	119	409993	16.803	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	463496	18.036	ug/l	99
81) sec-Butylbenzene	11.93	105	452012	15.527	ug/l	99
82) p-Isopropyltoluene	12.05	119	432077	15.991	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	264449	18.568	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	266497	18.806	ug/l	99
85) n-Butylbenzene	12.37	91	361680	14.021	ug/l	100
86) Hexachloroethane	12.58	117	81512	14.491	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	254253	17.806	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	43635	18.431	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	155394	14.832	ug/l	95
90) Hexachlorobutadiene	13.76	225	50917	10.727	ug/l	97
91) Naphthalene	13.82	128	533957	17.272	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	152069	15.211	ug/l	98

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC020EC

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
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QLast Update : Mon Jul 27 11:38:31 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

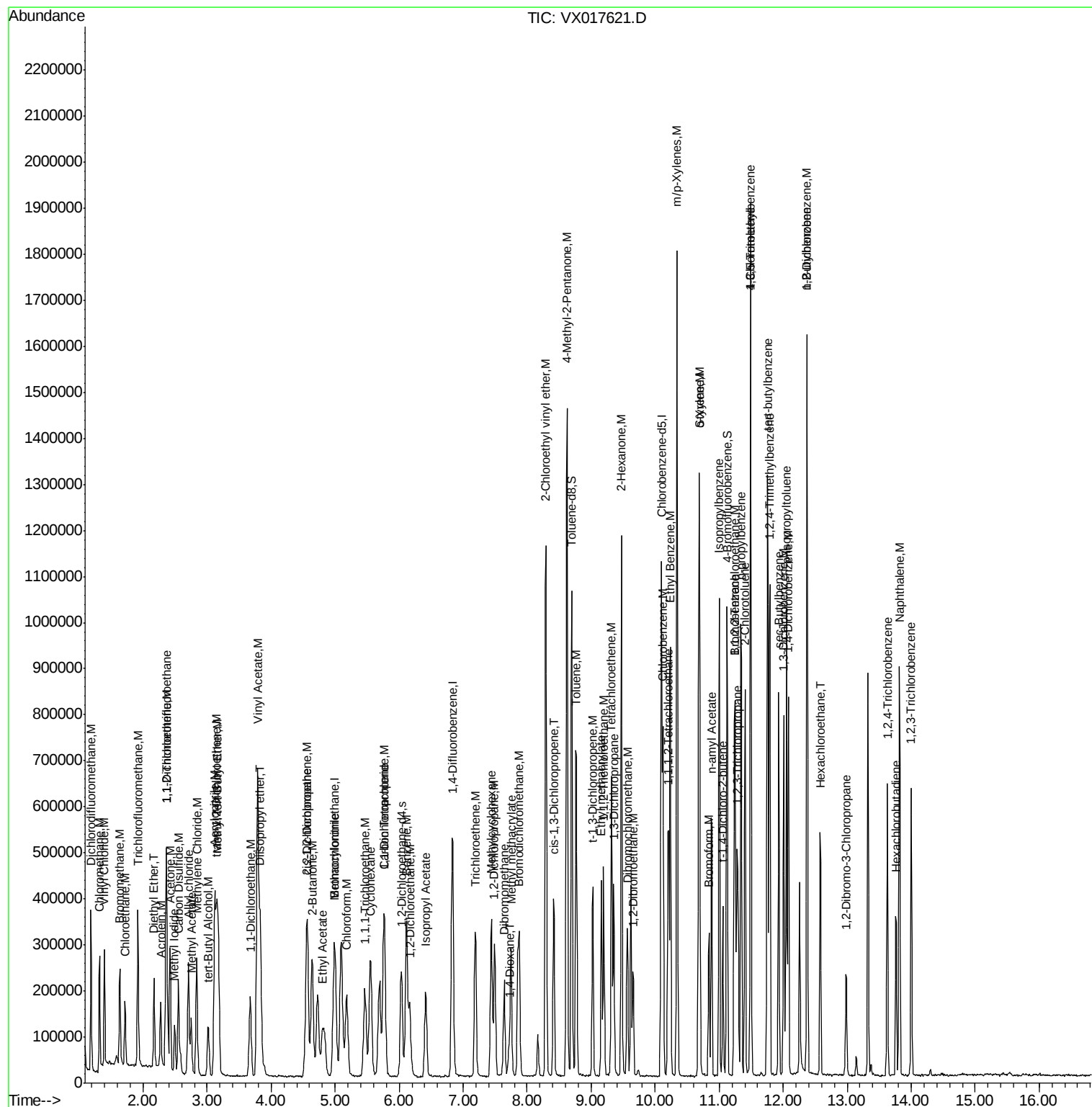
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072720\
Data File : VX017621.D
Acq On : 27 Jul 2020 16:22
Operator : JC/SP
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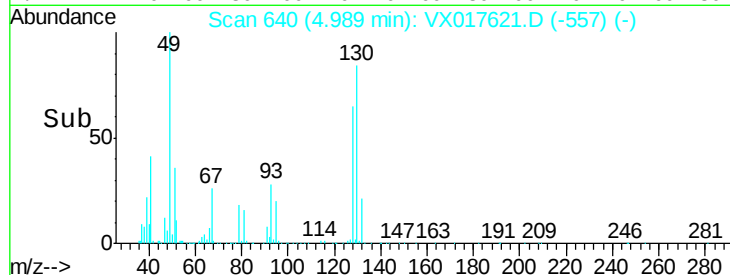
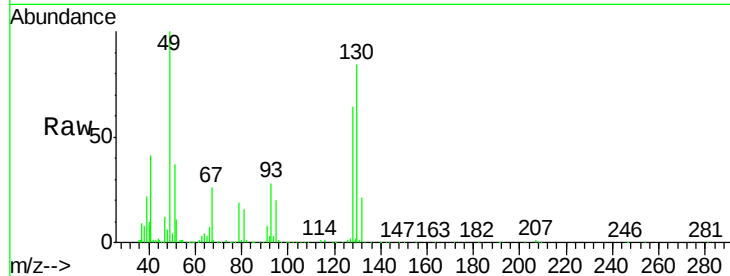
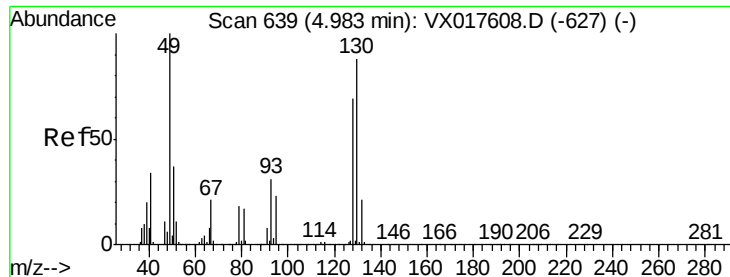
Instrument :
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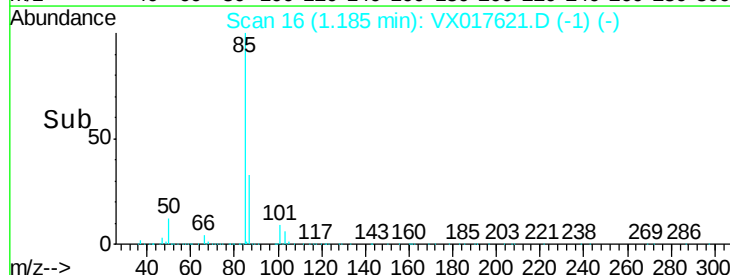
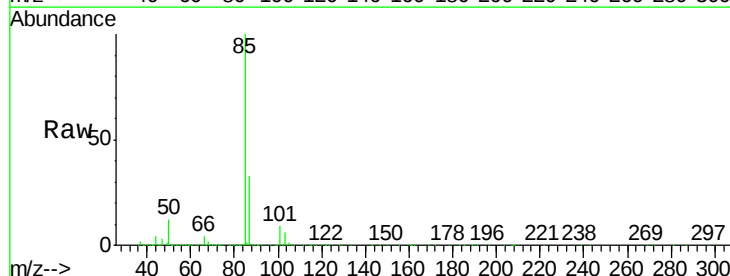
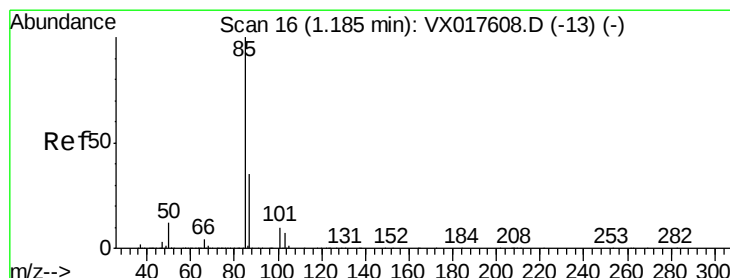
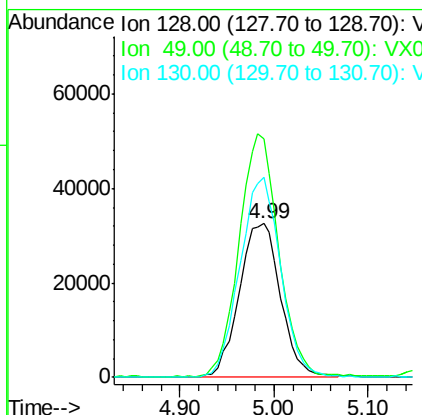
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tot Ion	Ratio	Resp	Lower	Upper
128	100	100066		
49	150.6	0.0	376.0	
130	128.1	0.0	323.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

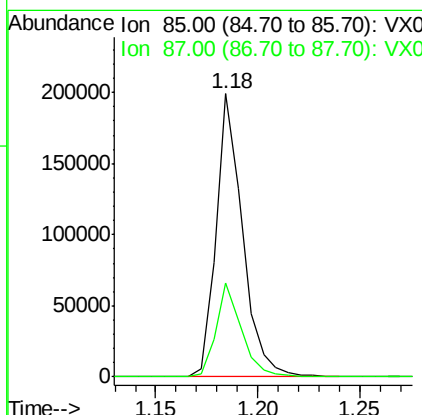
Manual Integrations
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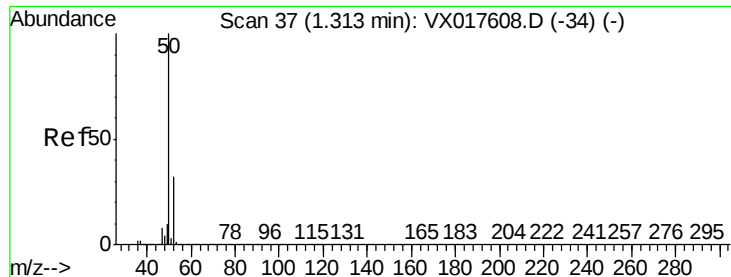
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#2
Dichlorodifluoromethane
Concen: 23.256 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	178745		
87	33.0	17.3	51.9	





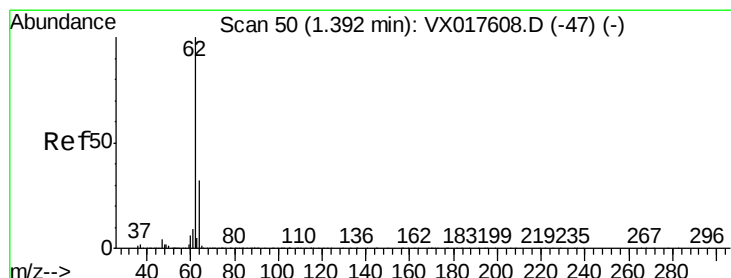
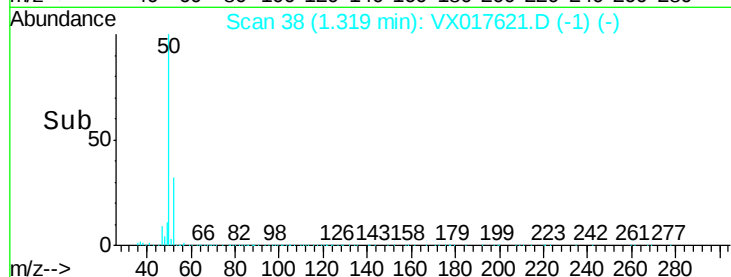
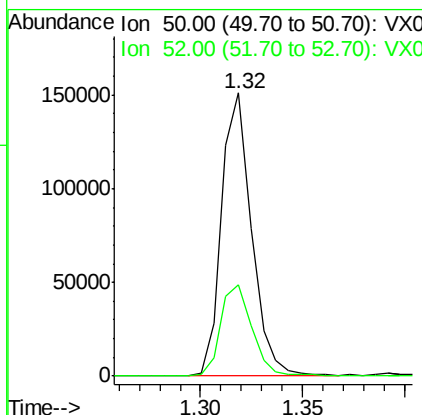
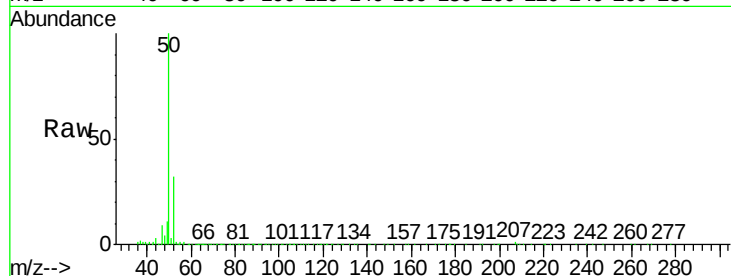
#3
Chloromethane
Concen: 20.690 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.5	38.3

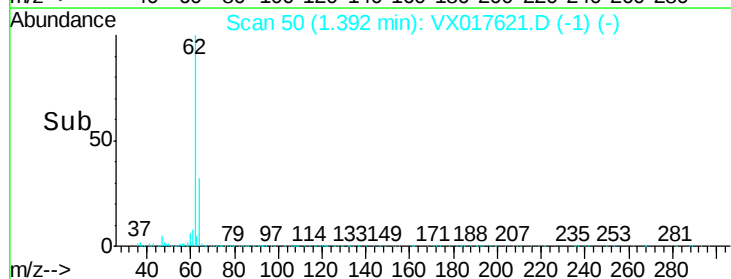
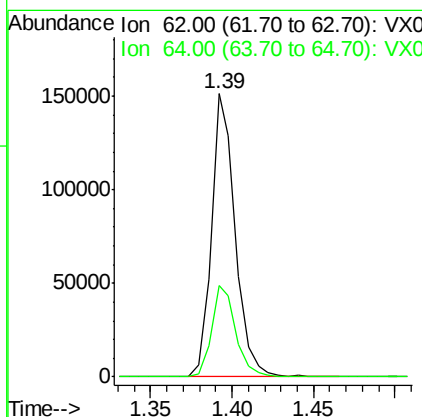
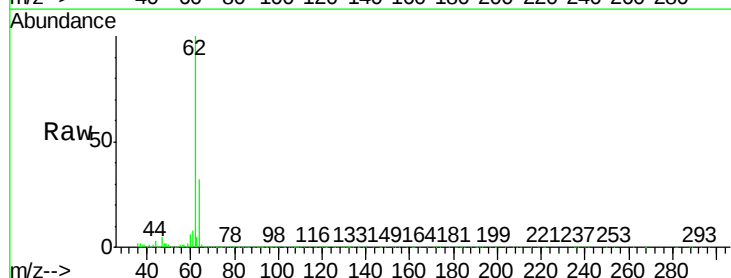
Manual Integrations
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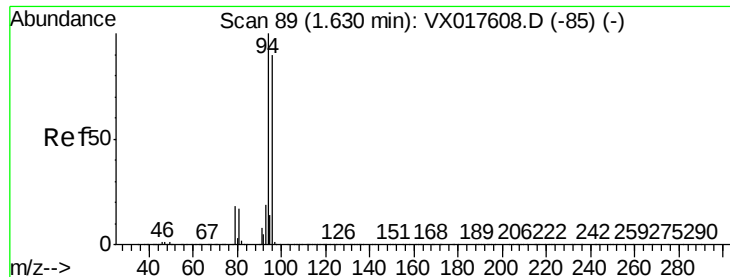
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#4
Vinyl Chloride
Concen: 20.591 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.8	38.8





#5

Bromomethane

Concen: 21.398 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 97782

Ion Ratio Lower Upper

94 100

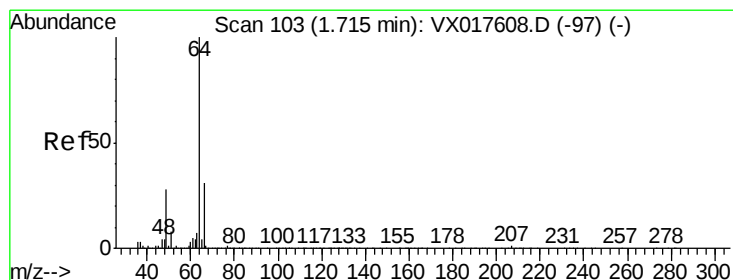
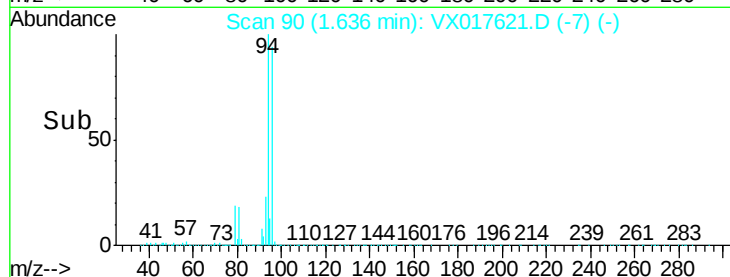
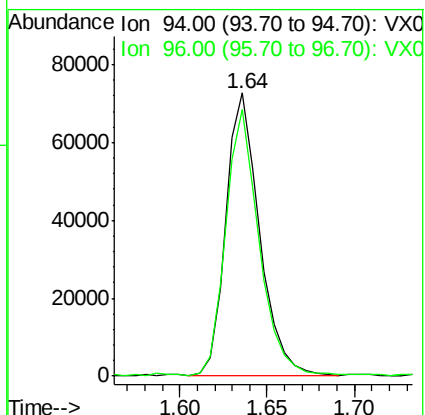
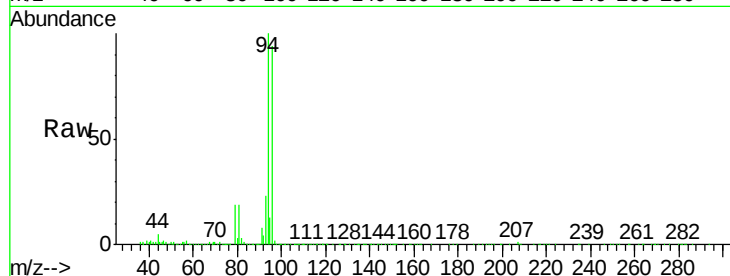
96 94.3 72.5 108.7

Manual Integrations

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#6

Chloroethane

Concen: 19.714 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017621.D

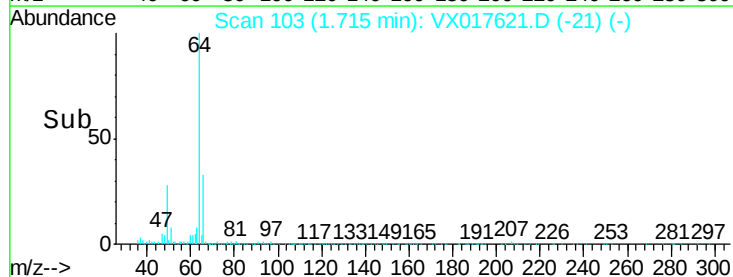
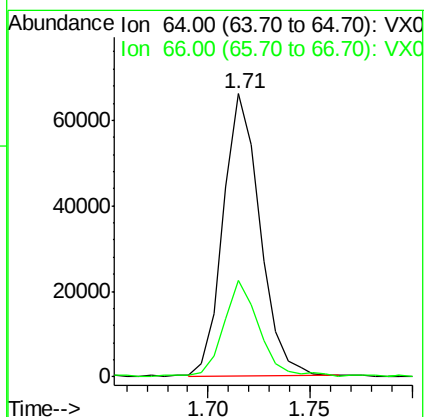
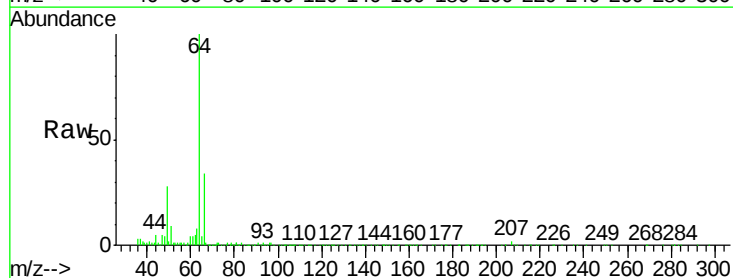
Acq: 27 Jul 2020 16:22

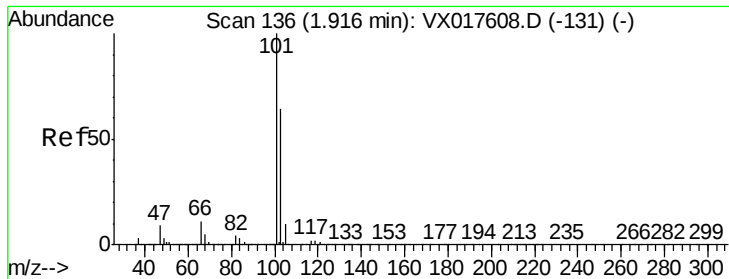
Tgt Ion: 64 Resp: 82205

Ion Ratio Lower Upper

64 100

66 33.5 25.1 37.7





#7

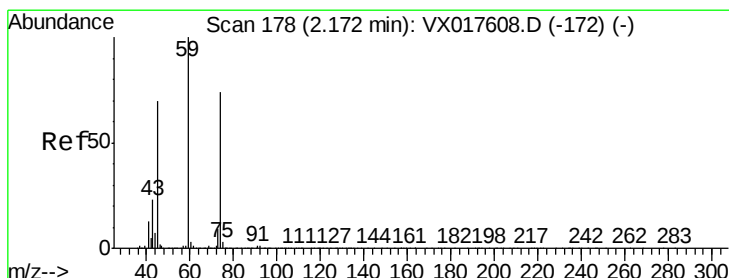
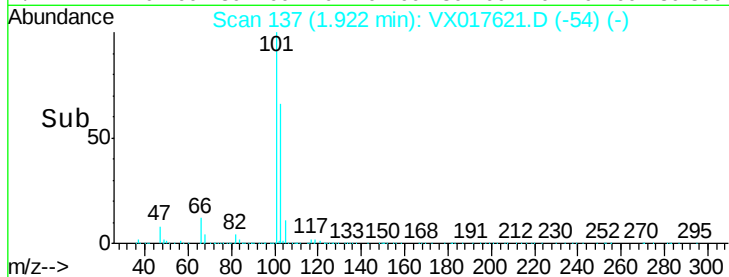
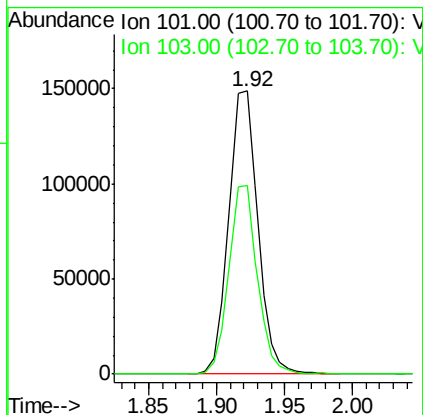
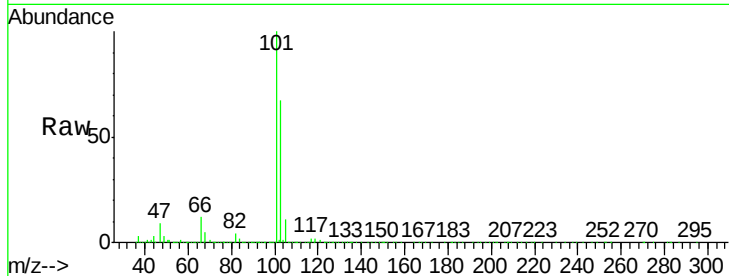
Trichlorofluoromethane
Concen: 19.407 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.3	76.9

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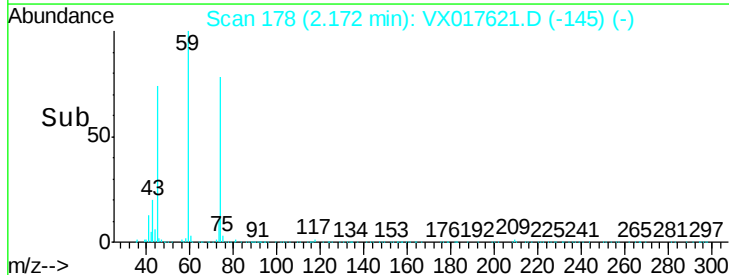
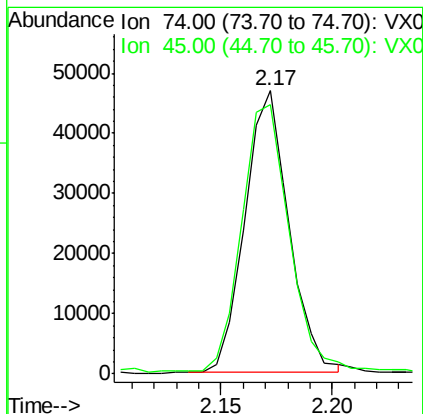
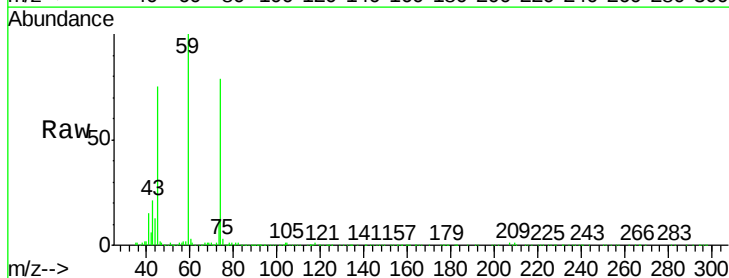
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7/28/2020 10:31:04 AM

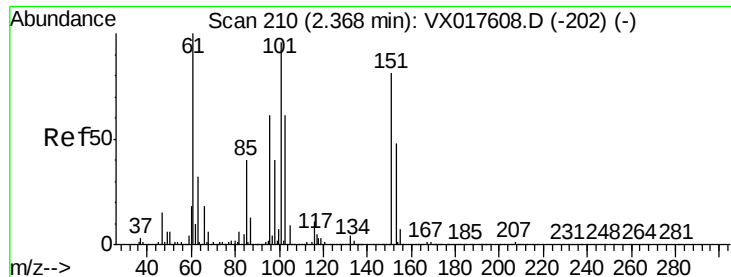


#8

Diethyl Ether
Concen: 19.585 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	21.1	190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.277 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

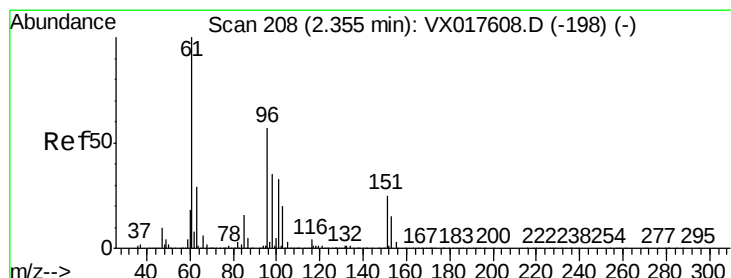
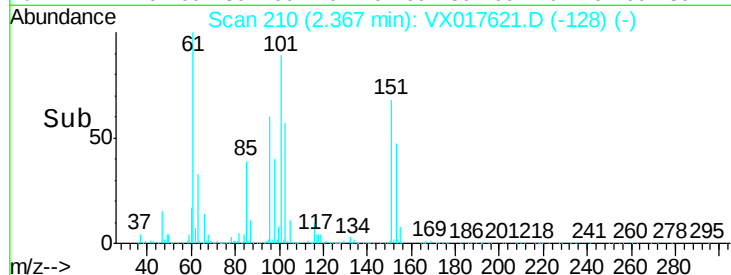
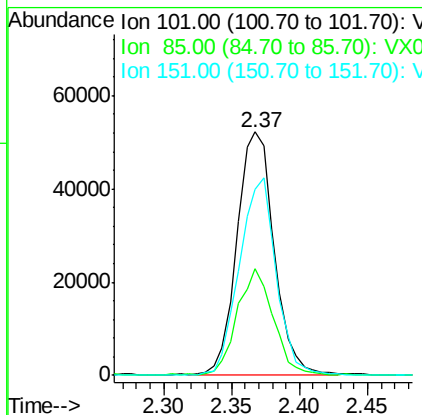
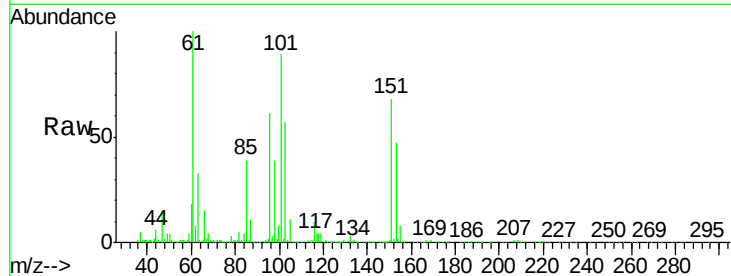
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	99991
Ion Ratio	Lower	Upper	
101	100		
85	41.7	0.0	90.6
151	80.4	0.0	163.2

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#10

1,1-Dichloroethene

Concen: 18.772 ug/l

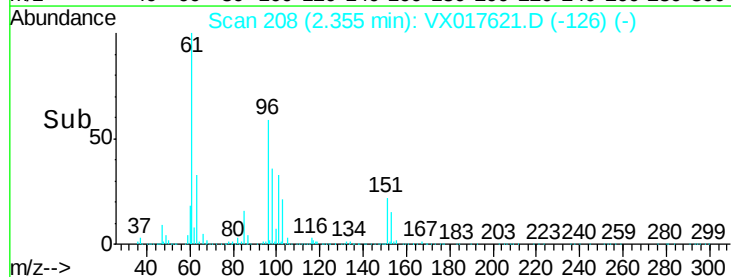
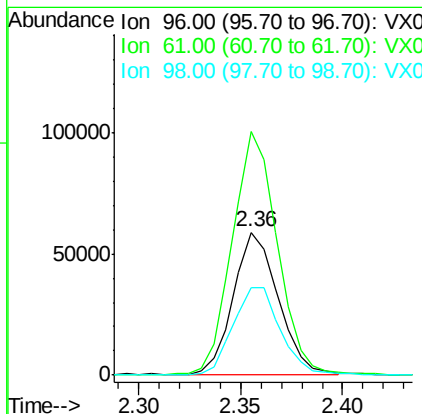
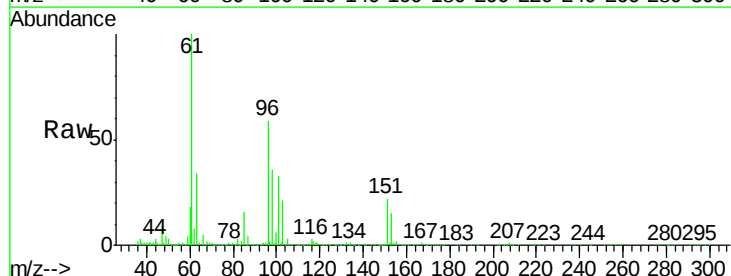
RT: 2.36 min Scan# 208

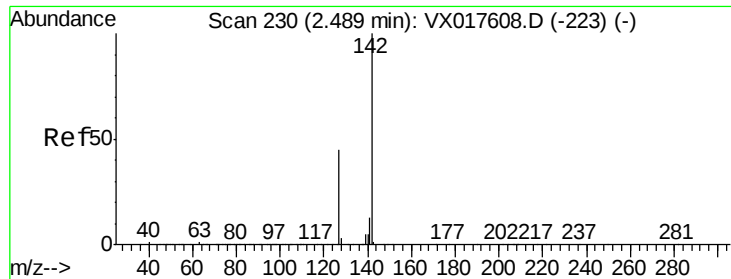
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	96	Resp:	90363
Ion Ratio	Lower	Upper	
96	100		
61	170.3	141.2	211.8
98	61.3	49.4	74.2





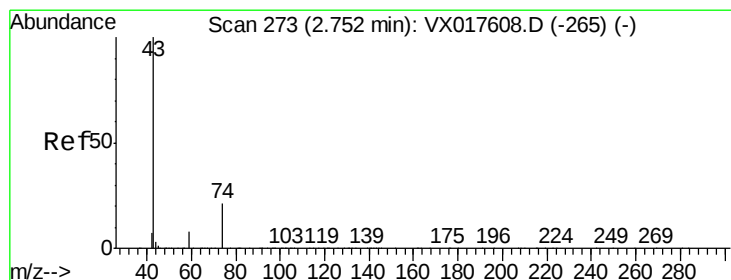
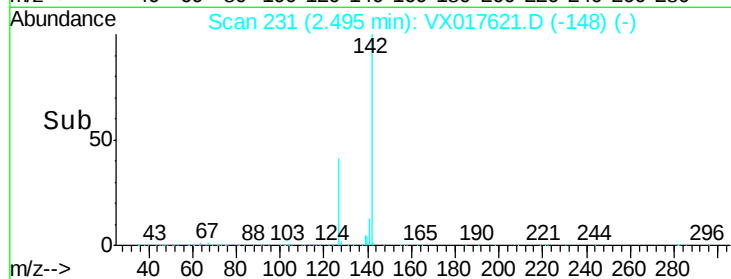
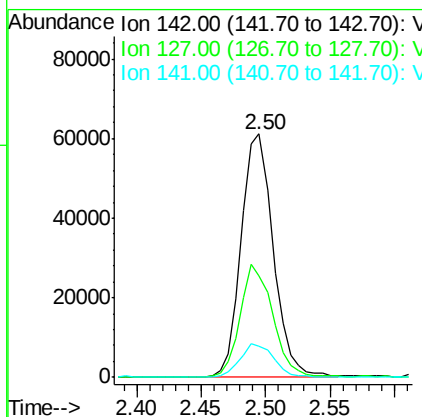
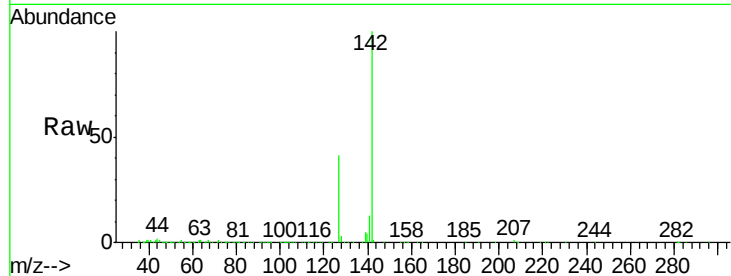
#11
Methvl Iodide
Concen: 17.507 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.1	22.4	67.0
141	12.9	6.6	19.7

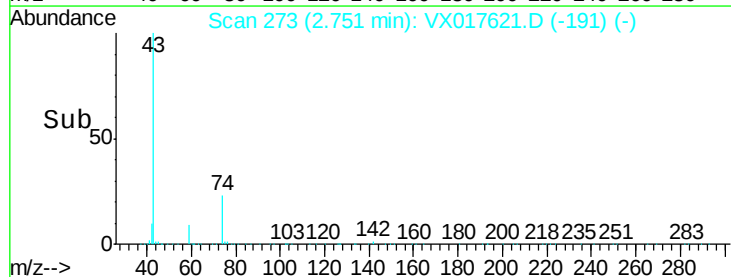
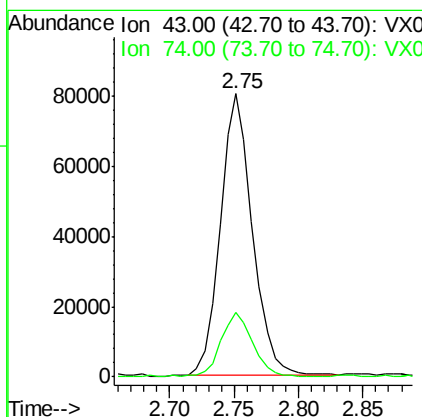
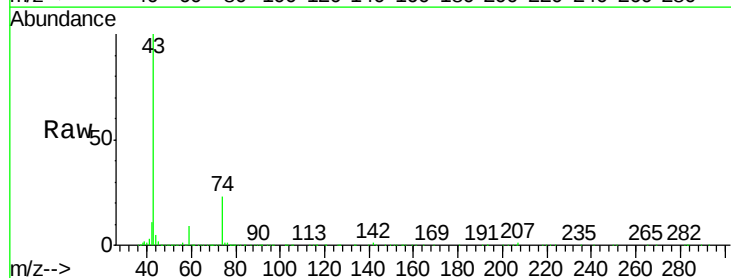
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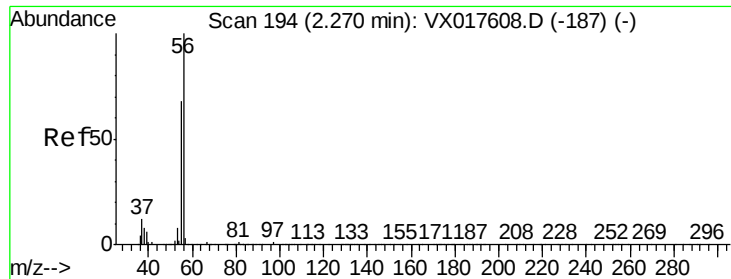
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#12
Methyl Acetate
Concen: 19.080 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.1	25.7





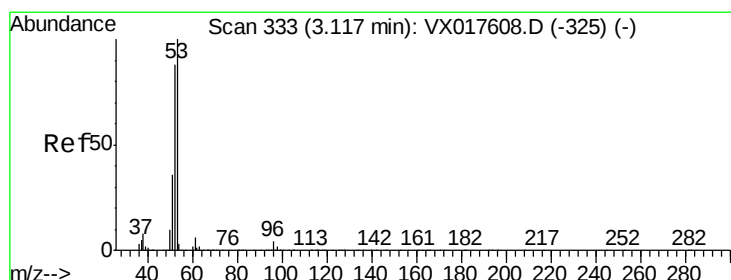
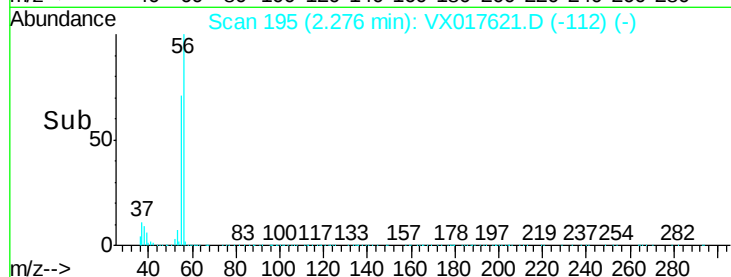
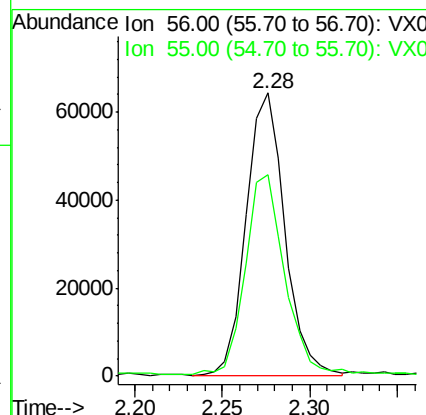
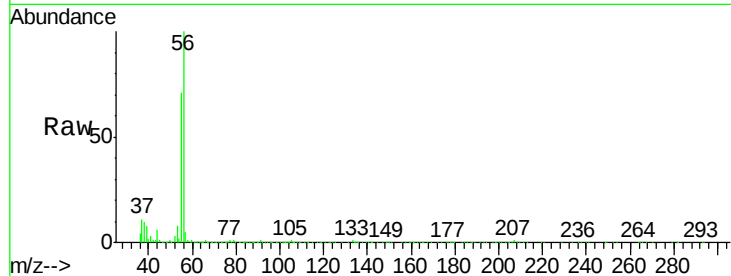
#13
Acrolein
Concen: 90.727 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.2	57.2	85.8

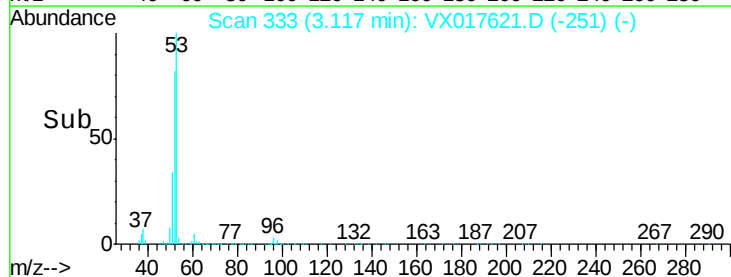
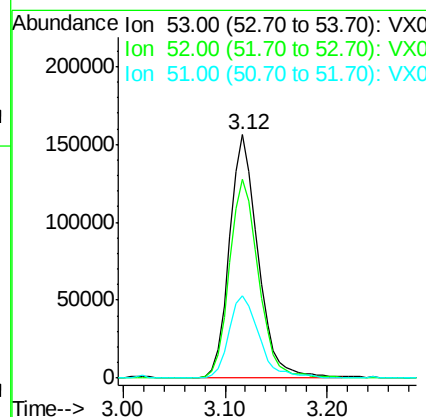
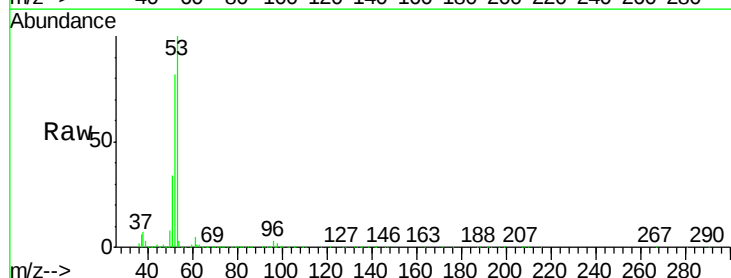
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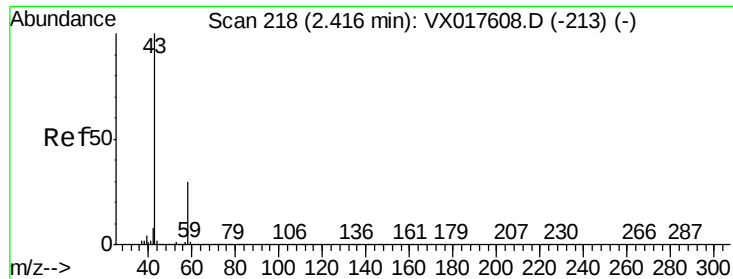
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#14
Acrylonitrile
Concen: 98.838 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	82.3	41.4	124.4
51	51	35.8	18.4	55.2





#15

Acetone

Concen: 100.667 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 84163

Ion Ratio Lower Upper

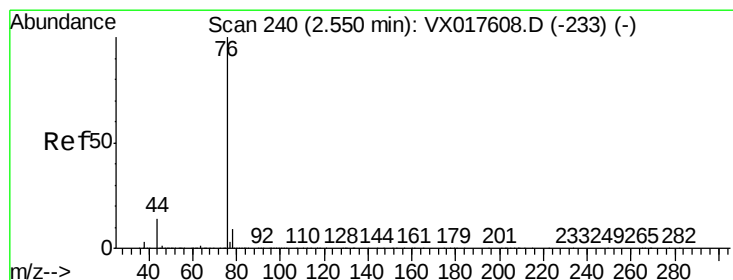
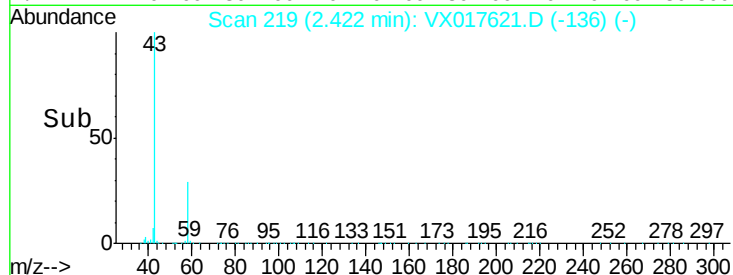
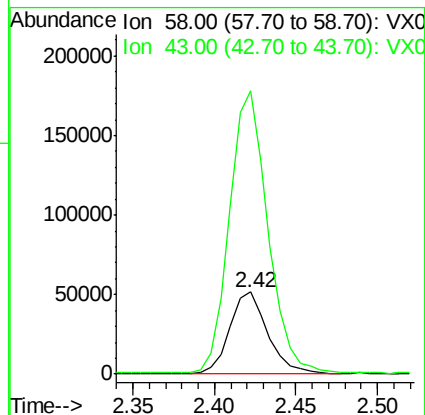
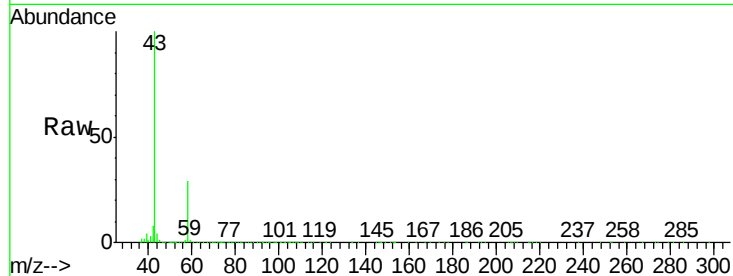
58 100

43 345.6 268.6 402.8

Manual Integrations
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#16

Carbon Disulfide

Concen: 19.436 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017621.D

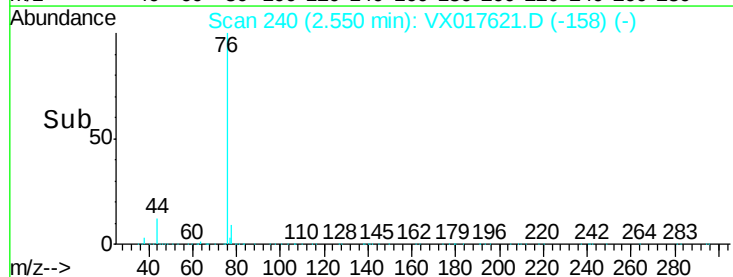
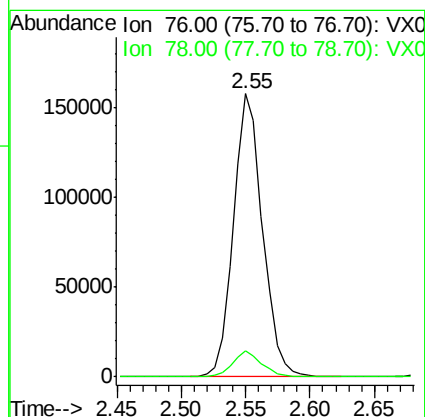
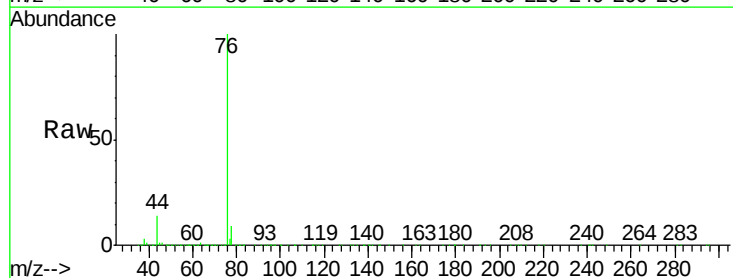
Acq: 27 Jul 2020 16:22

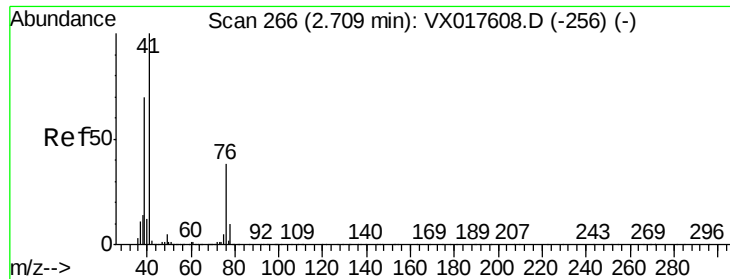
Tgt Ion: 76 Resp: 248036

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





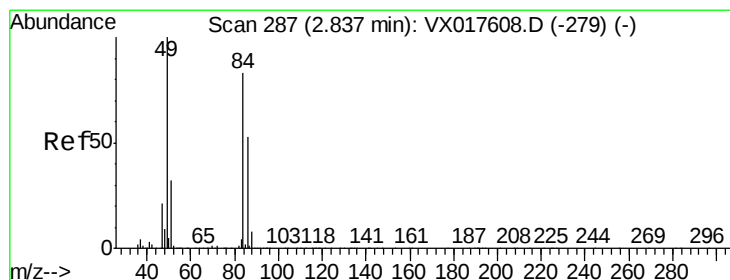
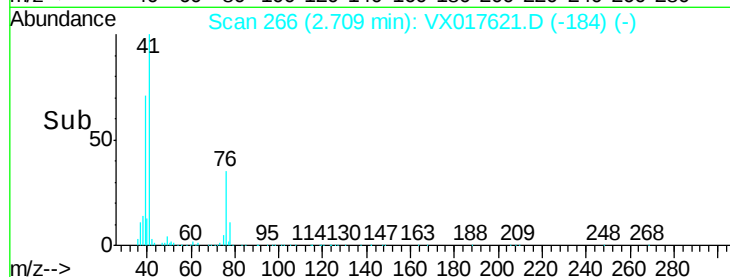
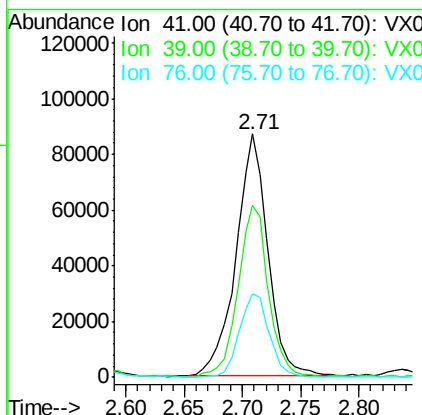
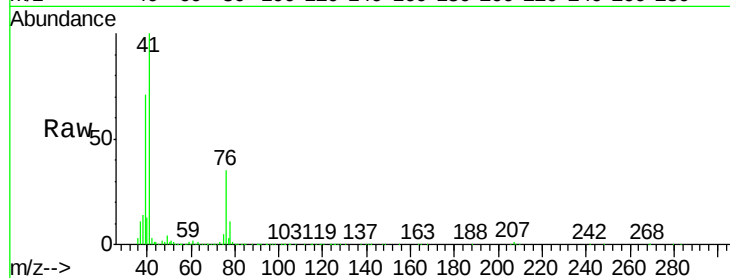
#17
Allvl chloride
Concen: 18.185 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.7	34.8	104.5
76	34.6	19.1	57.3

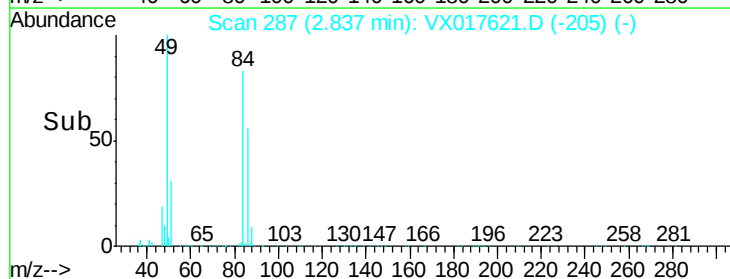
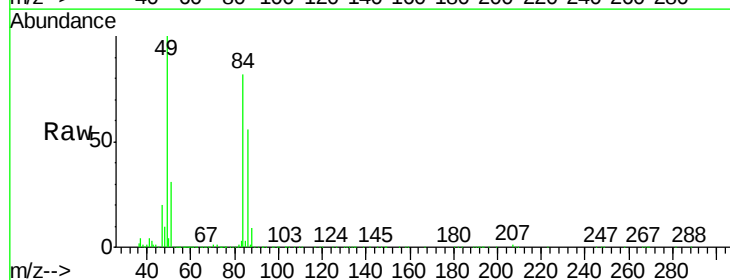
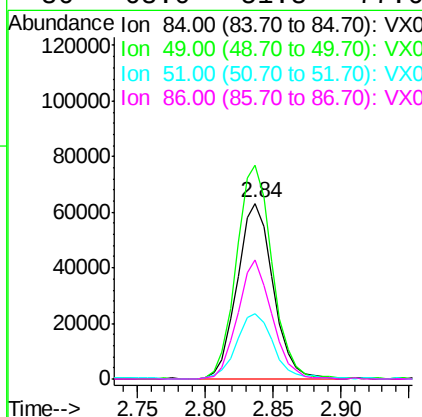
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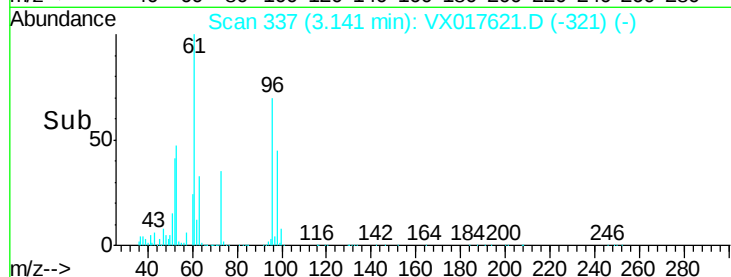
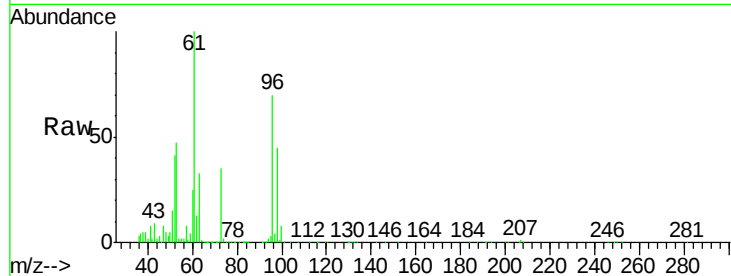
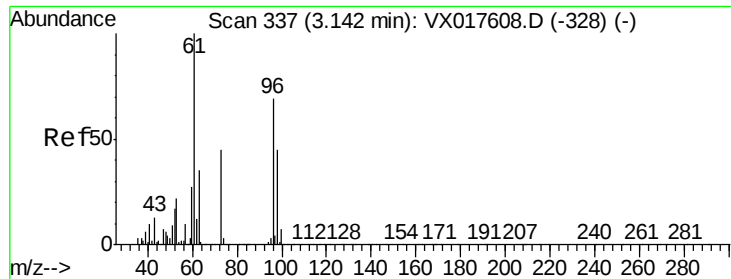
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#18
Methylene Chloride
Concen: 20.615 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	96.7	145.1
51	37.1	31.0	46.4
86	68.0	51.8	77.6





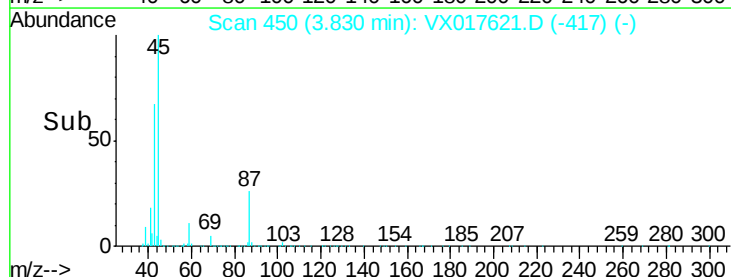
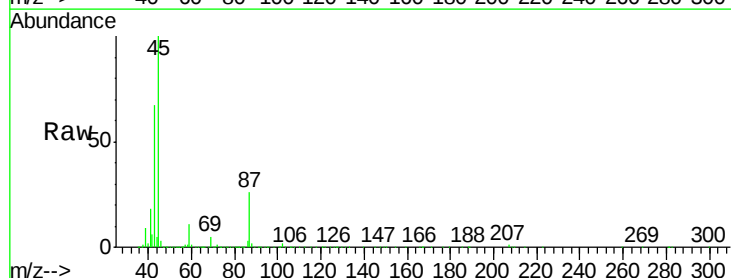
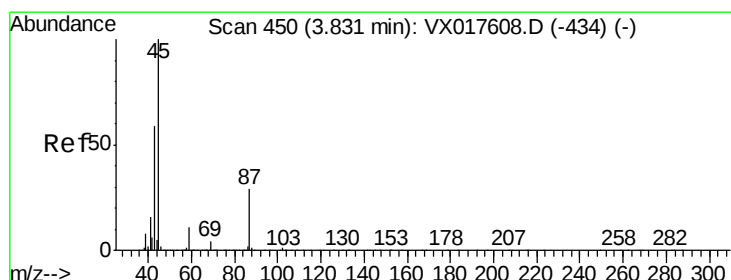
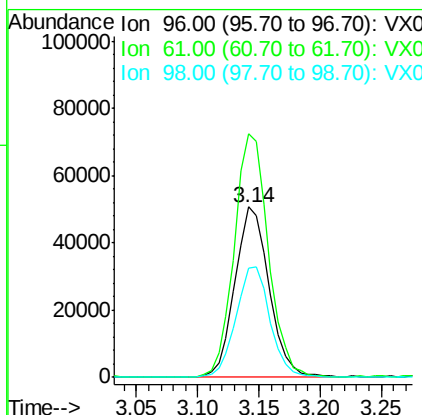
#19
trans-1,2-Dichloroethene
Concen: 19.194 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	115.0	172.6
98	64.3	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

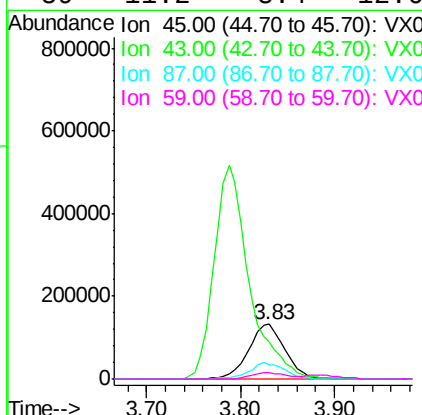
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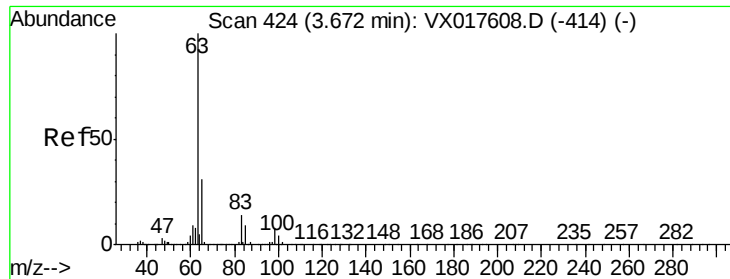
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#20
Diisopropyl ether
Concen: 19.594 ug/l
RT: 3.83 min Scan# 450
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.6	47.4	71.0
87	26.1	23.3	34.9
59	11.2	8.4	12.6





#21

1,1-Dichloroethane

Concen: 20.273 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

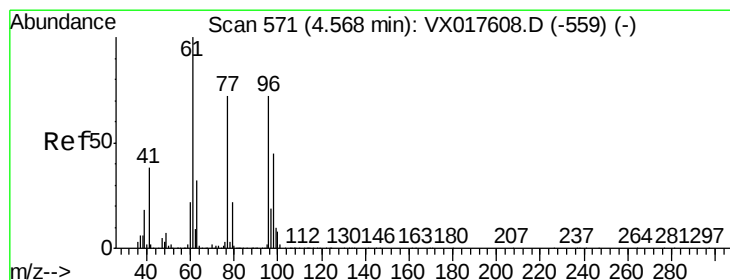
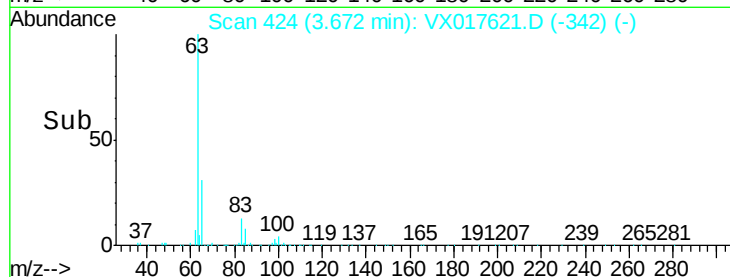
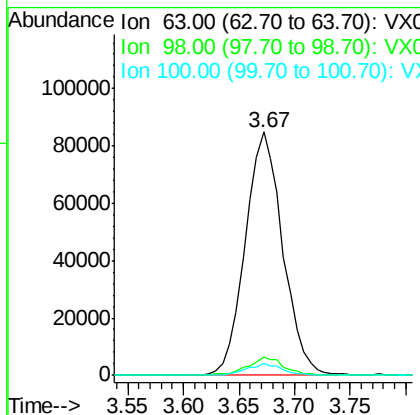
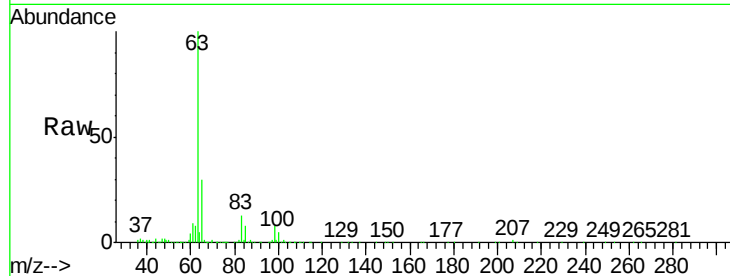
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	198830
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.9	11.7
100	4.8	1.9	5.7

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#22

cis-1,2-Dichloroethene

Concen: 19.704 ug/l

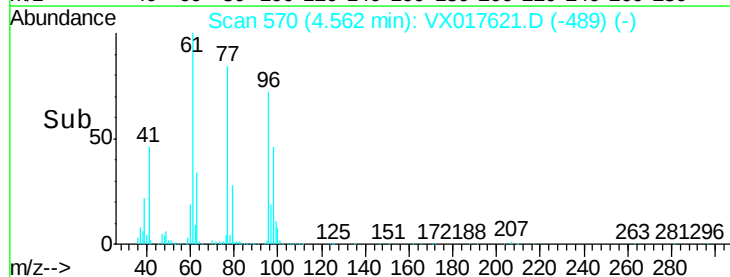
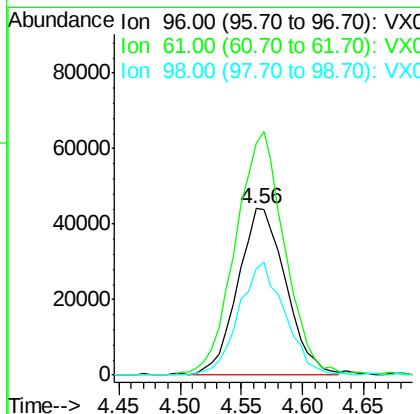
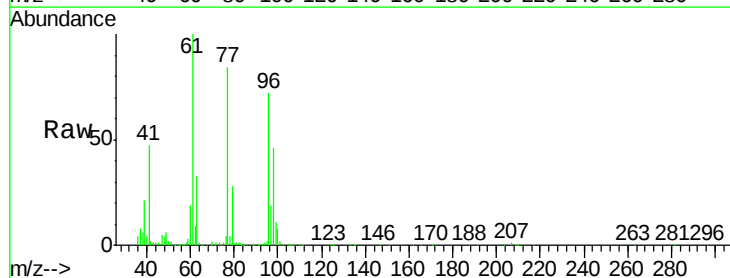
RT: 4.56 min Scan# 570

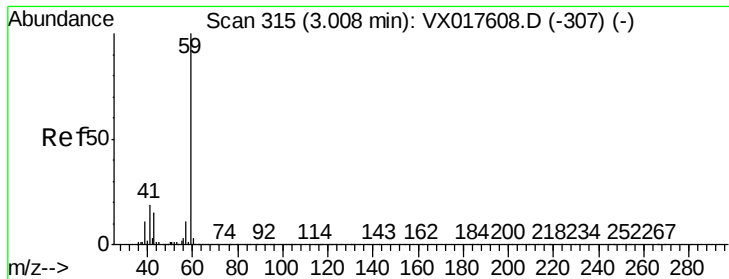
Delta R.T. -0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	96	Resp:	119754
Ion Ratio	Lower	Upper	
96	100		
61	149.3	121.1	181.7
98	65.1	51.4	77.2





#23

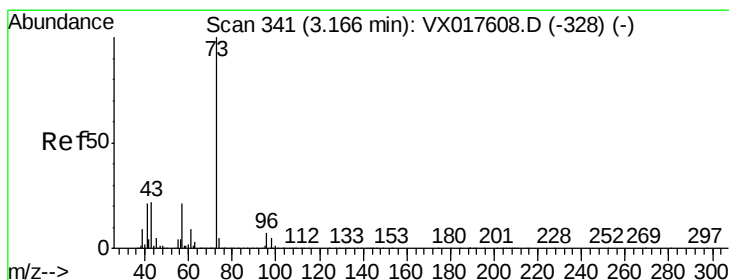
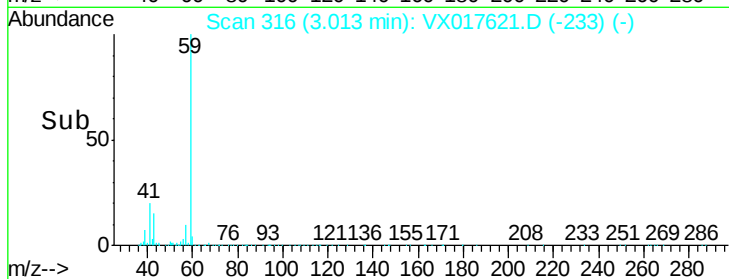
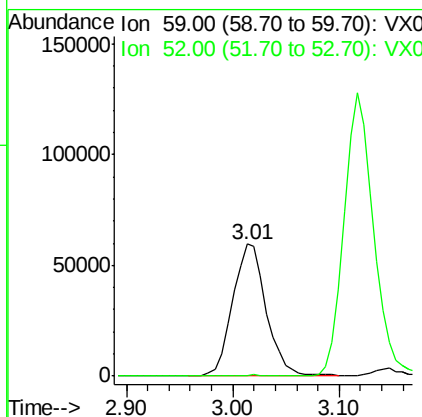
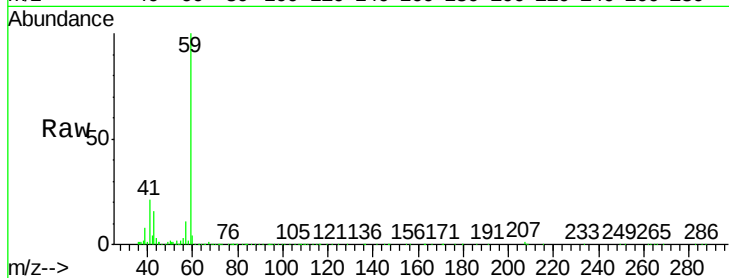
tert-Butyl Alcohol
 Concen: 91.881 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.4

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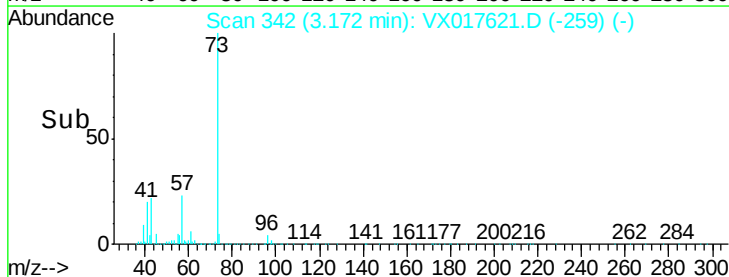
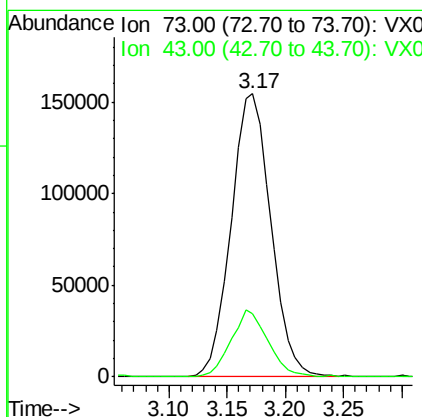
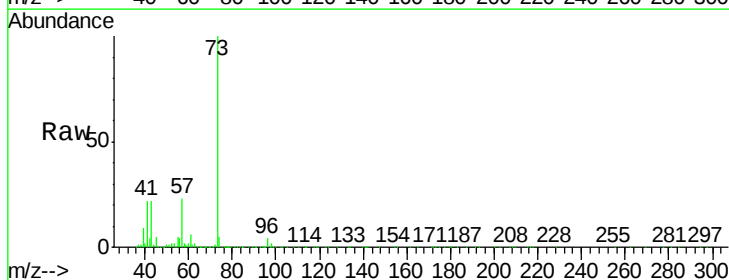
MMDadoda
 7/28/2020 10:31:04 AM

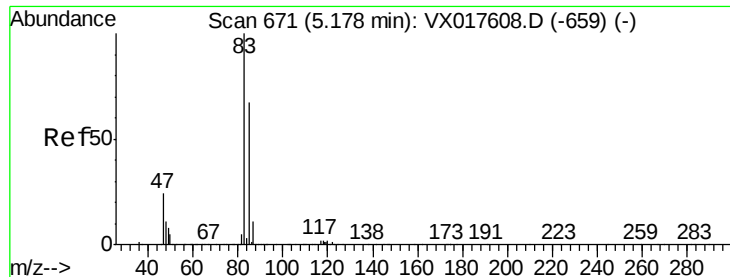


#24

Methyl tert-Butyl Ether
 Concen: 19.061 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.0	18.1	27.1





#25

Chloroform

Concen: 19.188 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 209036

Ion Ratio Lower Upper

83 100

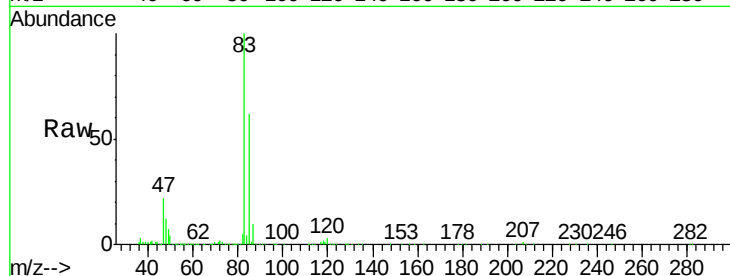
85 61.7 53.7 80.5

Manual Integrations

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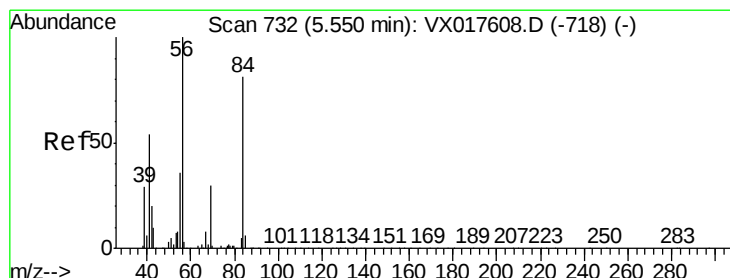
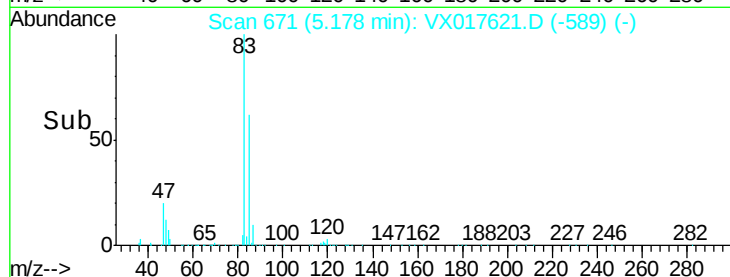
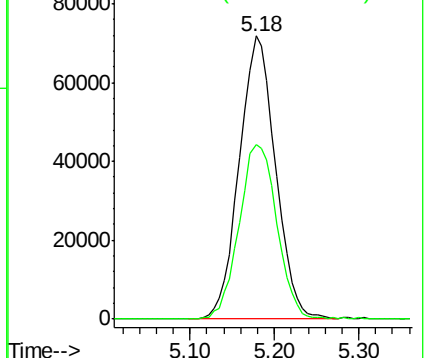
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.666 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

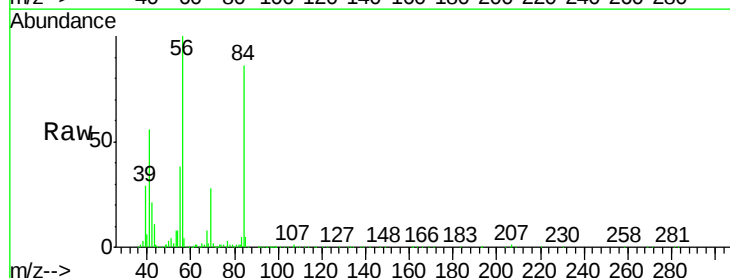
Tgt Ion: 56 Resp: 171557

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

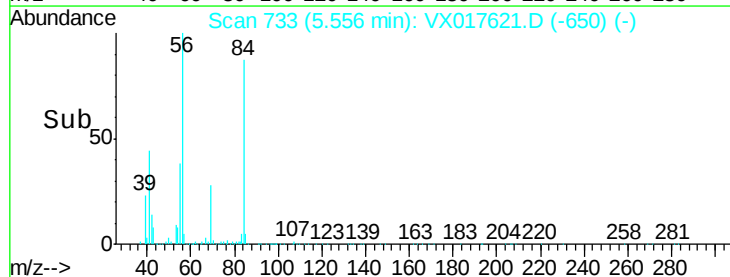
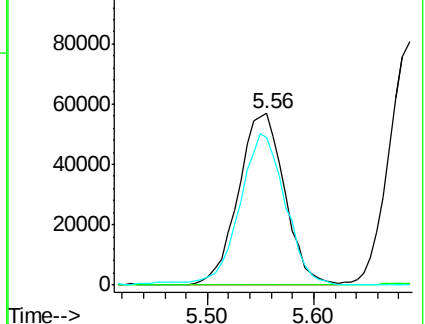
84 0.0 69.3 103.9#

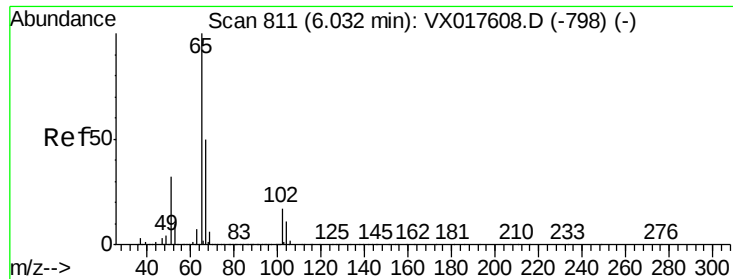


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.668 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 235818

Ion Ratio Lower Upper

65 100

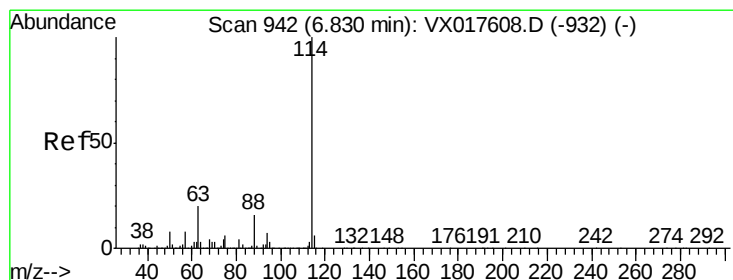
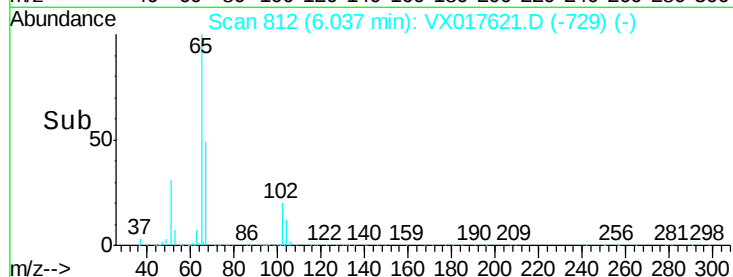
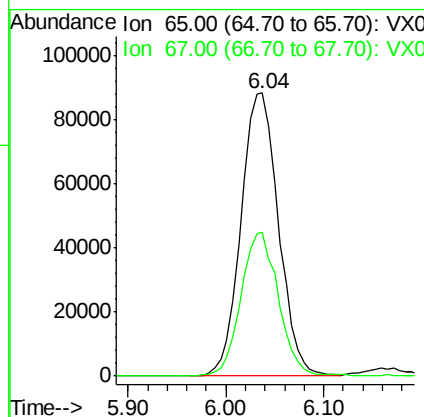
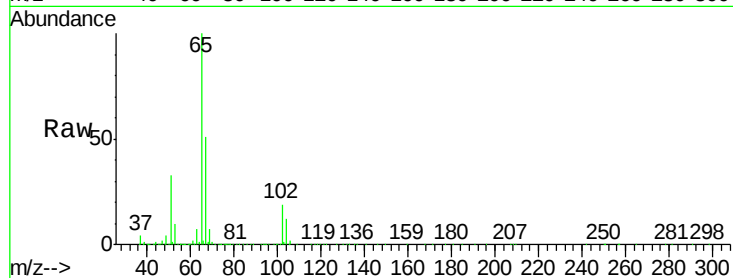
67 50.6 40.6 61.0

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

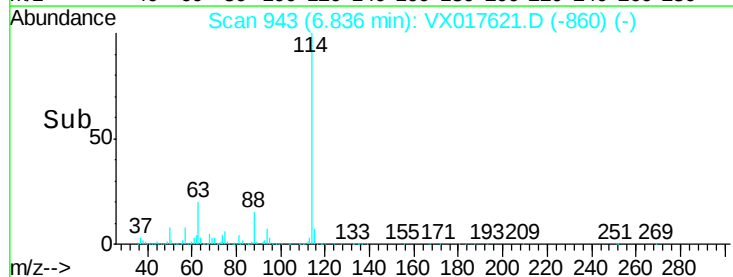
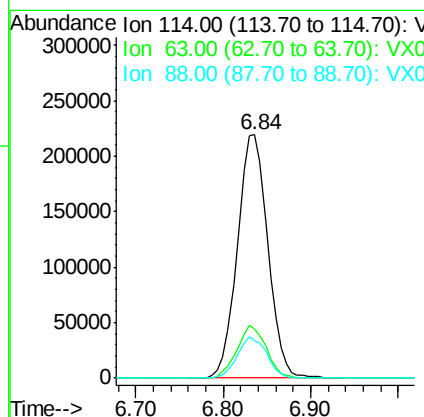
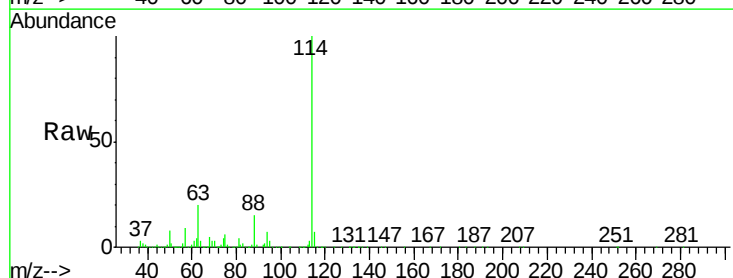
Tgt Ion: 114 Resp: 532535

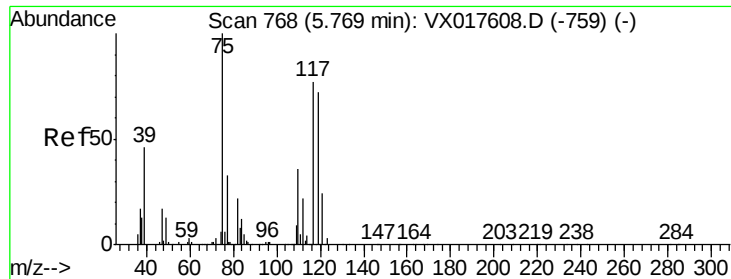
Ion Ratio Lower Upper

114 100

63 21.0 16.3 24.5

88 16.3 12.6 18.8





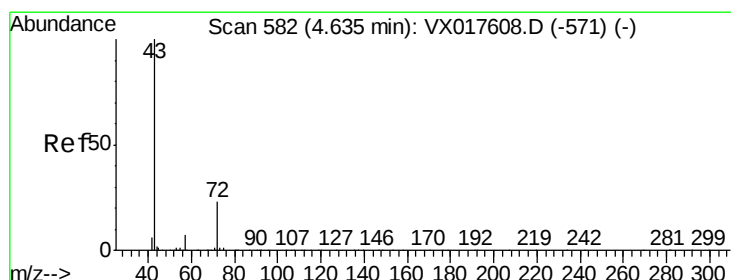
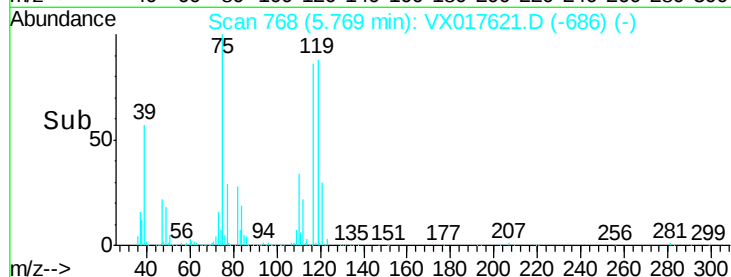
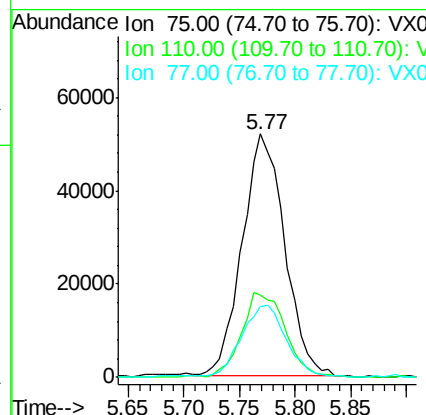
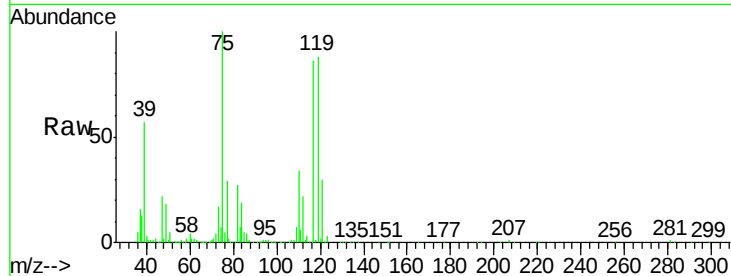
#29
 1,1-Dichloropropene
 Concen: 18.179 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.2	0.0	75.4
77	30.5	0.0	63.2

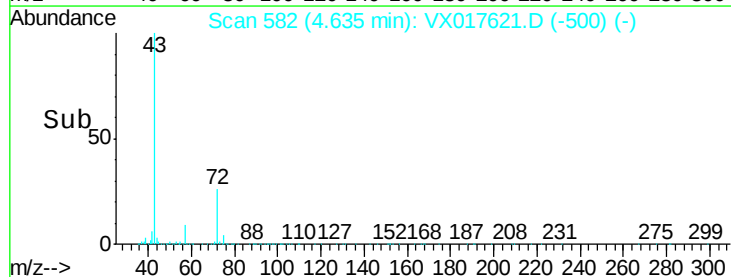
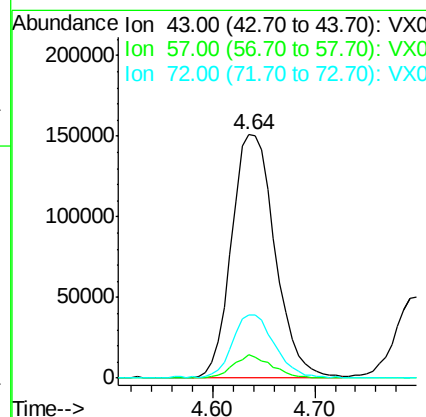
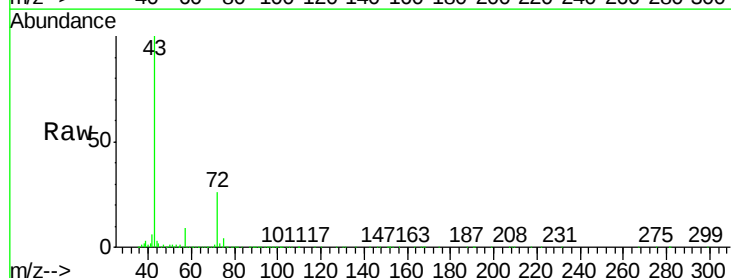
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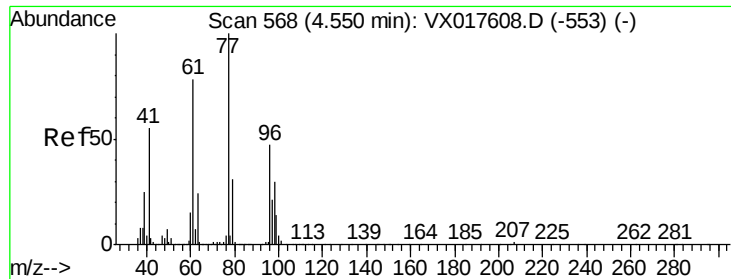
MMDadoda
 7/28/2020 10:31:04 AM



#30
 2-Butanone
 Concen: 103.049 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.4	6.5	9.7
72	24.8	19.8	29.6





#31

2,2-Dichloropropane

Concen: 17.764 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 173419

Ion Ratio Lower Upper

77 100

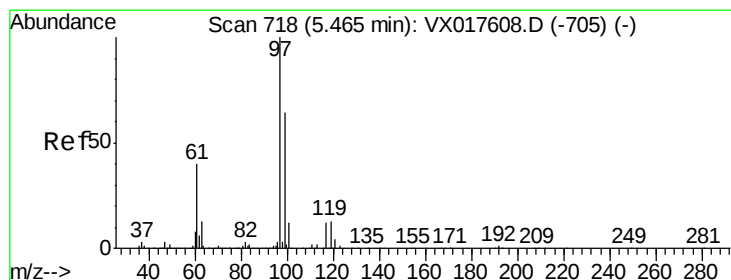
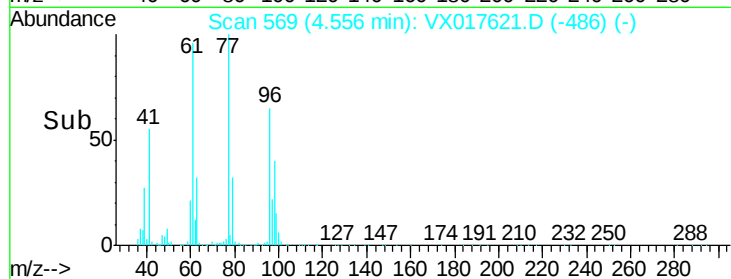
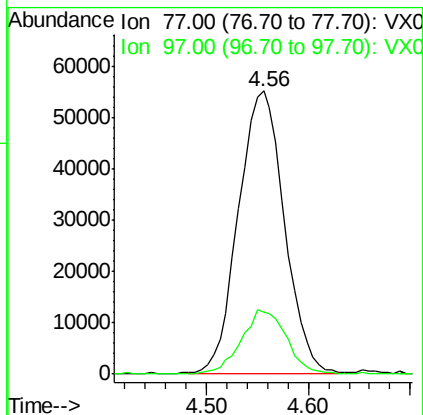
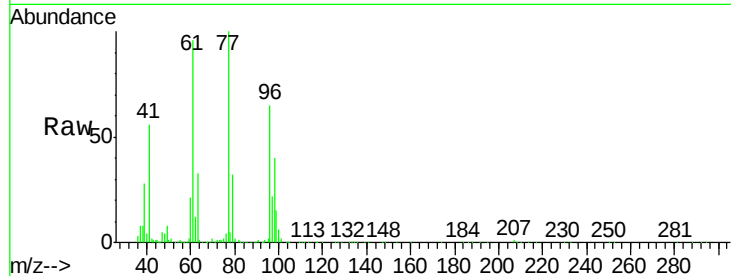
97 22.3 17.6 26.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.840 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

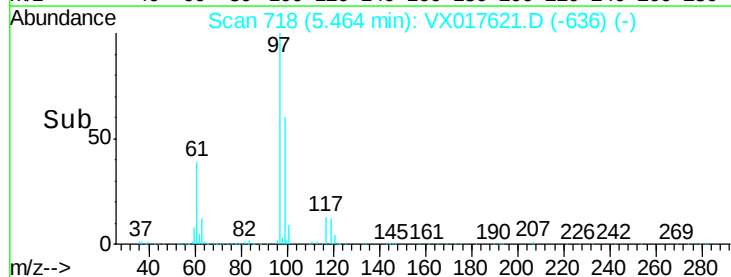
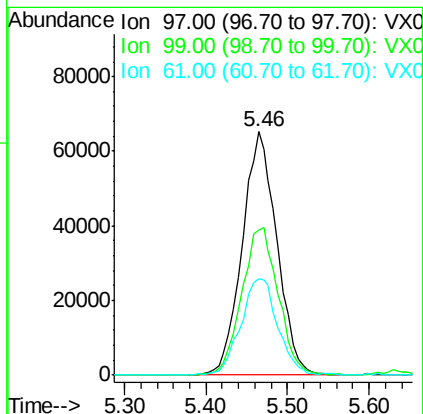
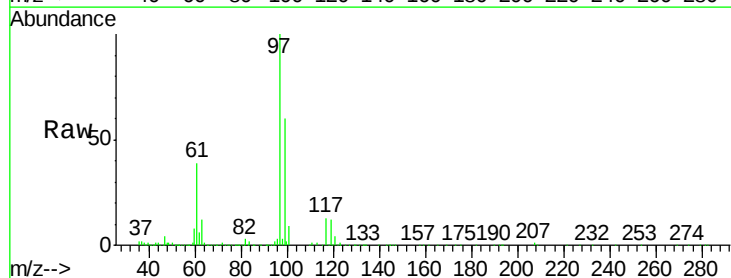
Tgt Ion: 97 Resp: 192834

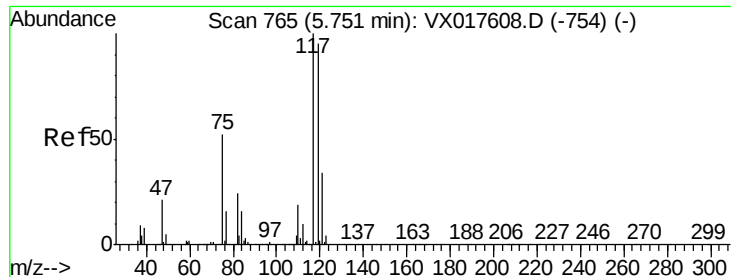
Ion Ratio Lower Upper

97 100

99 63.6 50.6 75.8

61 42.2 32.6 48.8





#33

Carbon Tetrachloride

Concen: 18.383 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

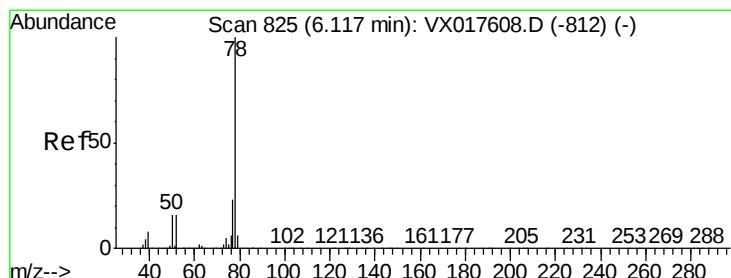
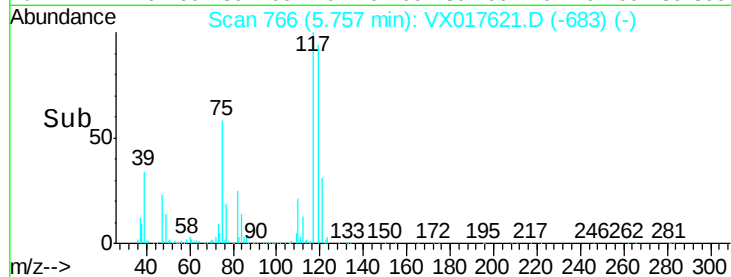
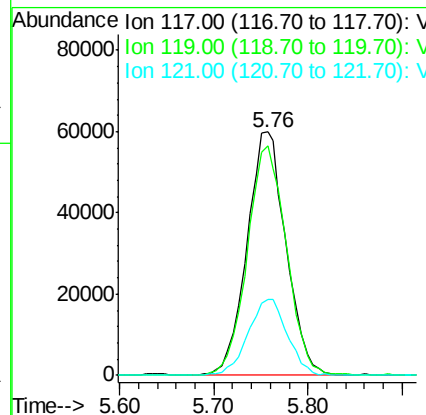
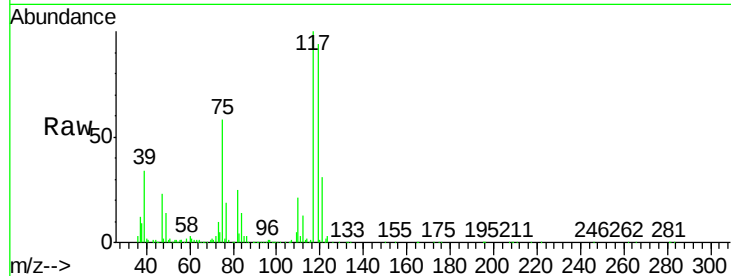
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	173909
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.2	114.2
121	31.0	26.8	40.2

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#34

Benzene

Concen: 18.741 ug/l

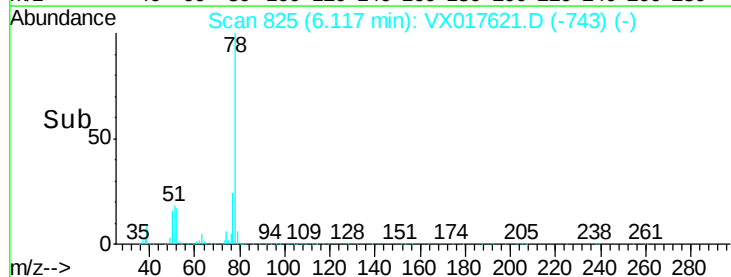
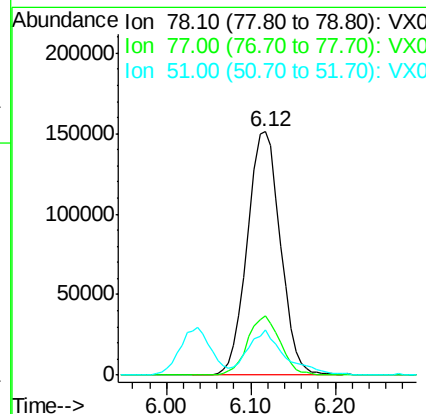
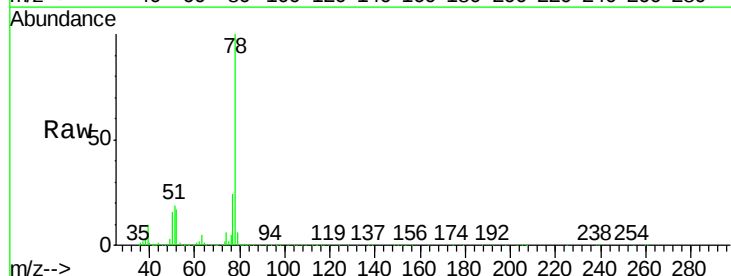
RT: 6.12 min Scan# 825

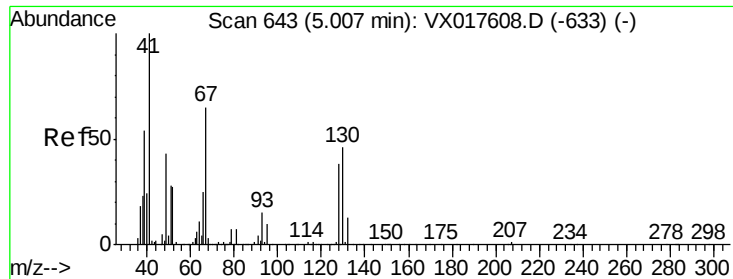
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	78	Resp:	401190
Ion Ratio	Lower	Upper	
78	100		
77	24.4	18.3	27.5
51	18.0	12.3	18.5





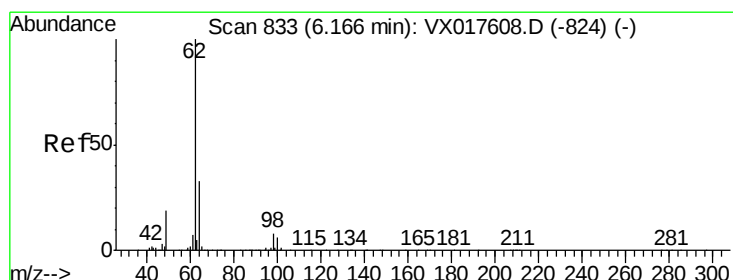
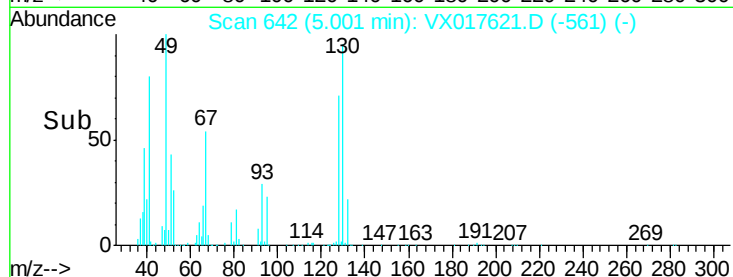
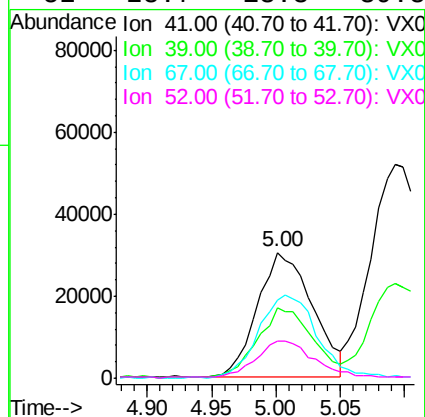
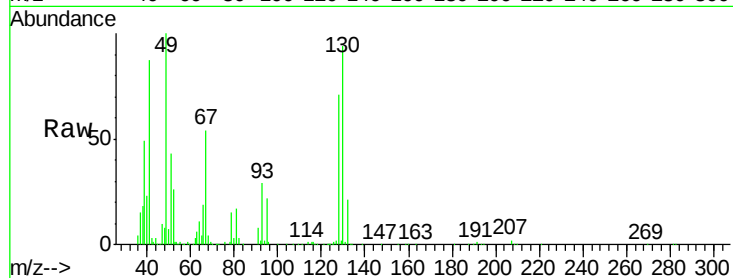
#35
Methacrylonitrile
Concen: 18.839 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	27.0	81.0	
67	61.5	32.4	97.0	
52	28.7	13.3	39.8	

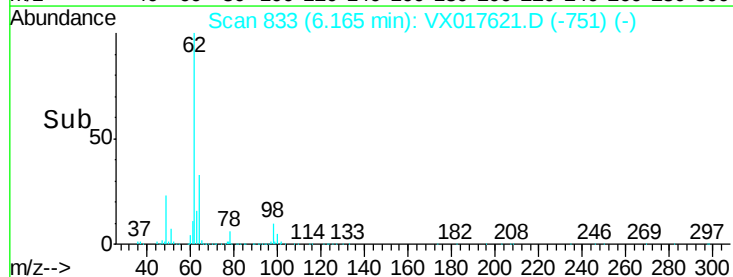
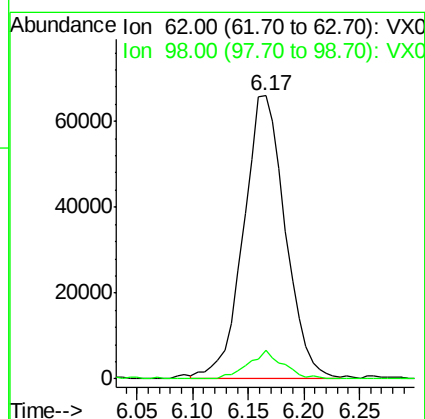
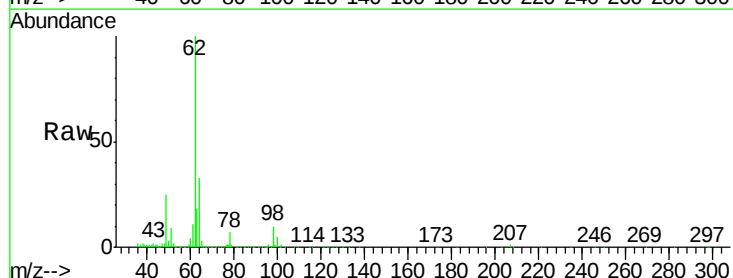
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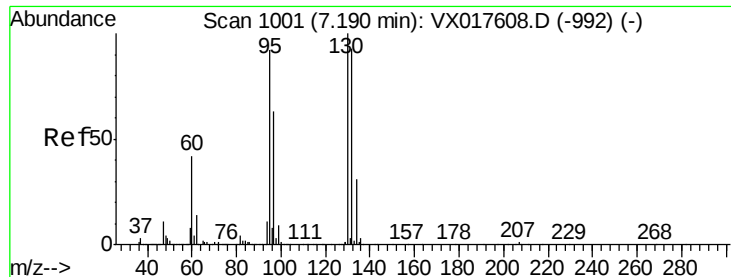
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#36
1,2-Dichloroethane
Concen: 18.921 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	6.6	10.0	





#37

Trichloroethene

Concen: 18.943 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 124477

Ion Ratio Lower Upper

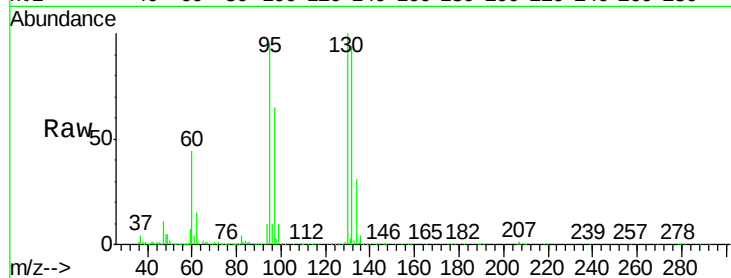
130 100

95 95.0 73.9 110.9

Manual Integrations
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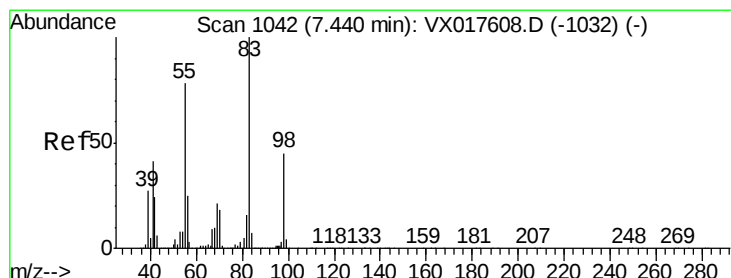
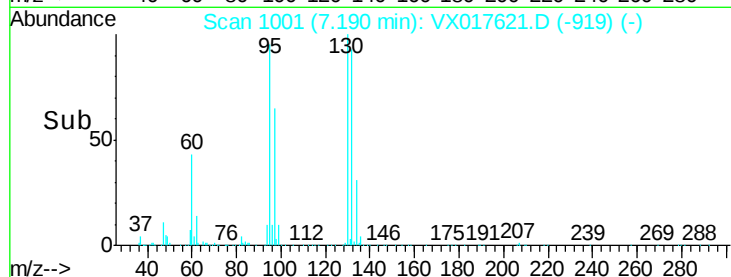
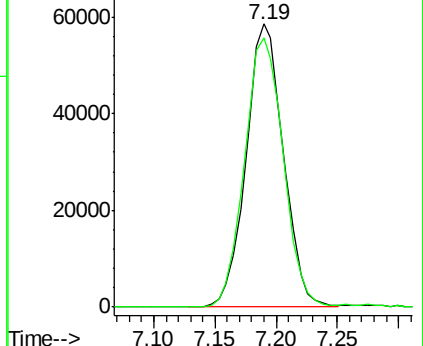
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 15.623 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

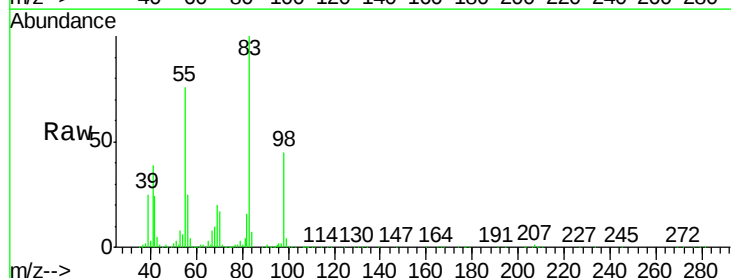
Tgt Ion: 83 Resp: 149689

Ion Ratio Lower Upper

83 100

55 79.4 39.6 118.7

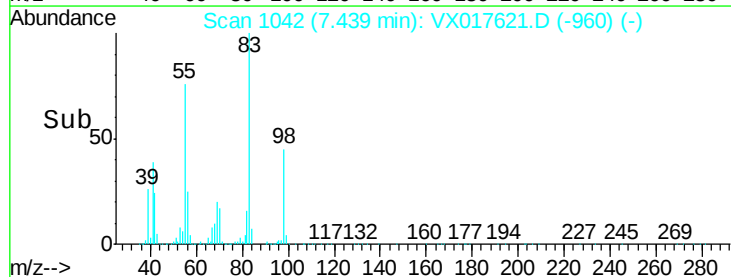
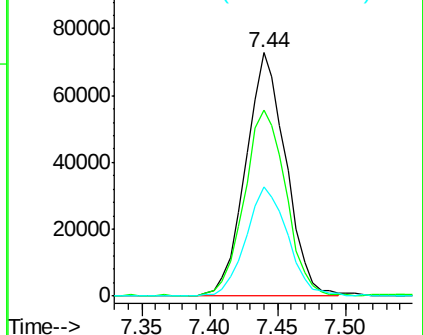
98 47.0 23.9 71.7

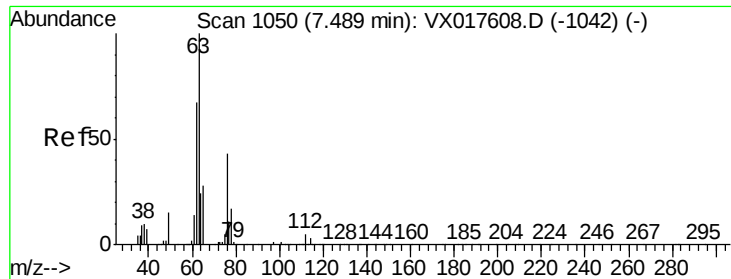


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





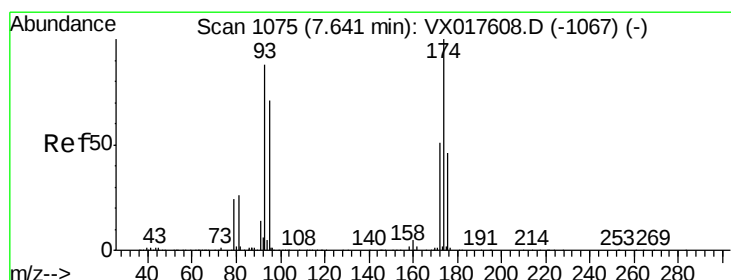
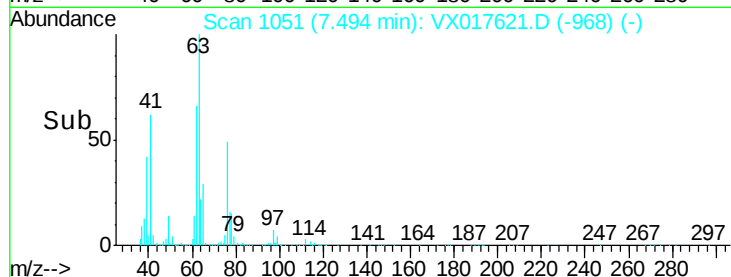
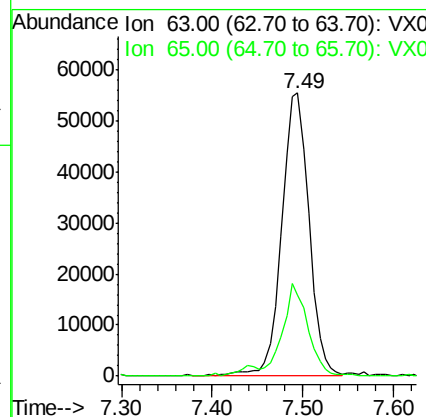
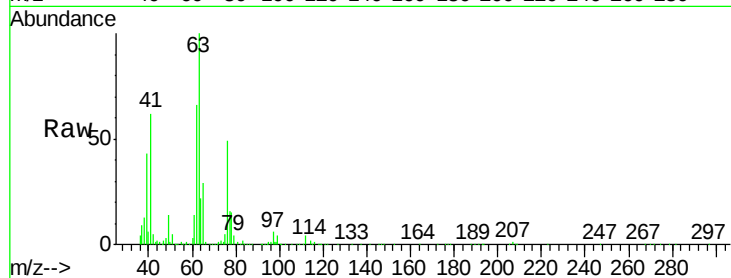
#39
 1,2-Dichloropropane
 Concen: 19.379 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	25.2	37.8

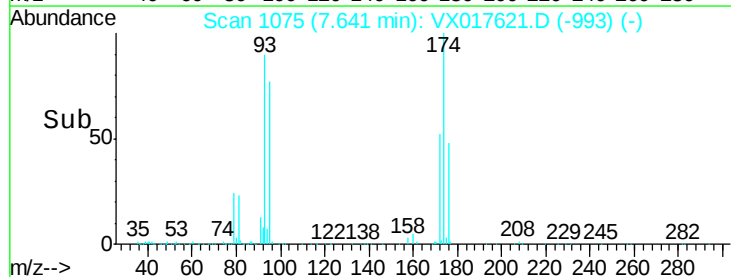
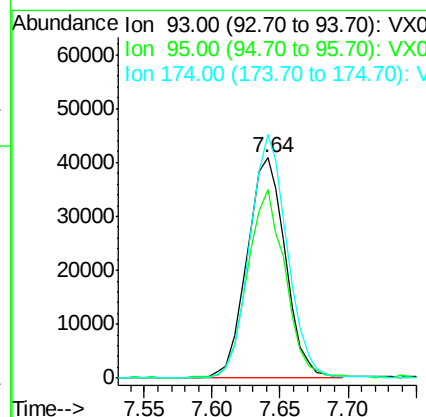
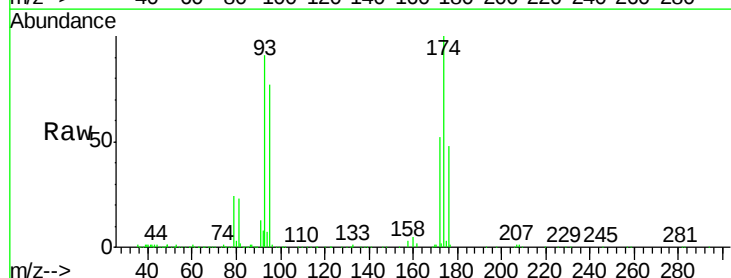
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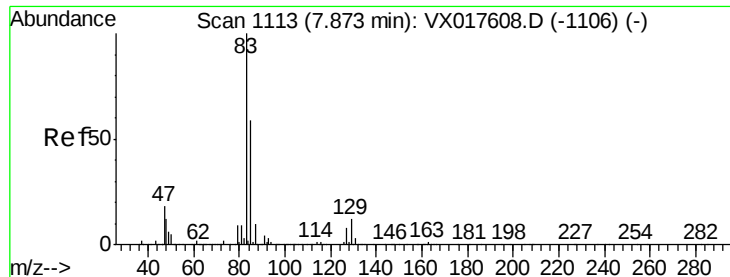
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#40
 Dibromomethane
 Concen: 19.080 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	163.4
174	107.6	0.0	214.6





#41

Bromodichloromethane

Concen: 18.314 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

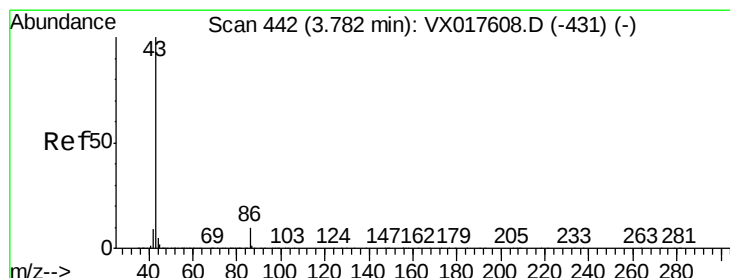
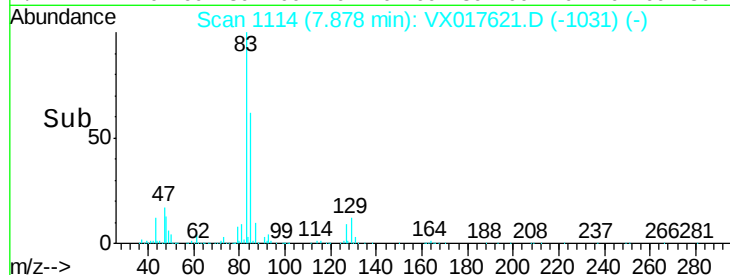
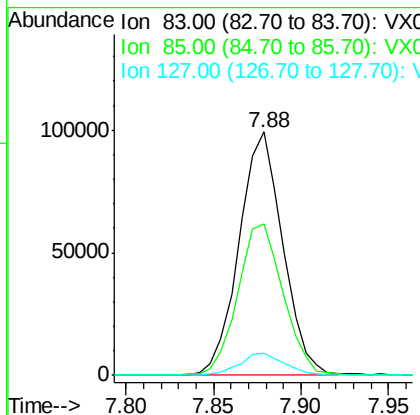
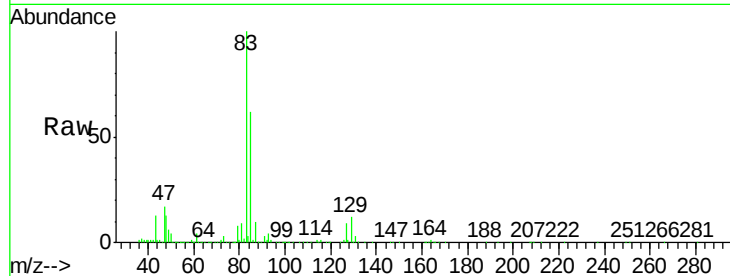
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	172094
Ion Ratio	Lower	Upper	
83	100		
85	61.9	47.4	71.0
127	9.9	6.3	9.5#

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#42

Vinyl Acetate

Concen: 94.556 ug/l

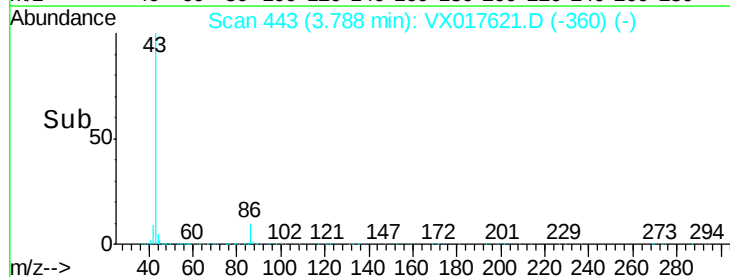
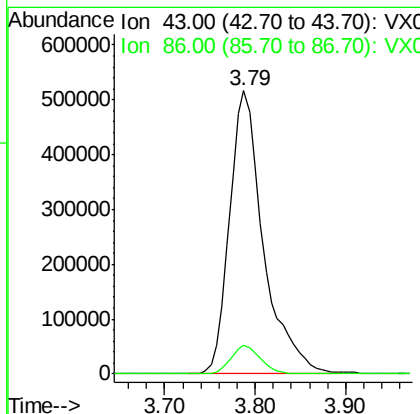
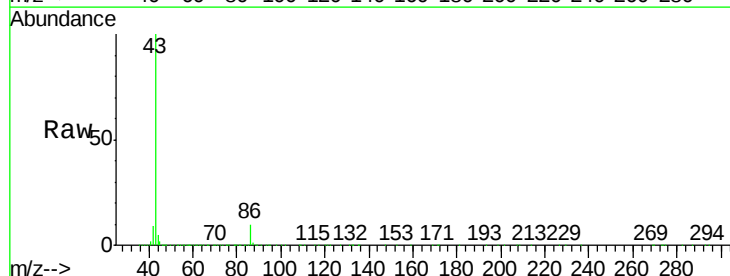
RT: 3.79 min Scan# 443

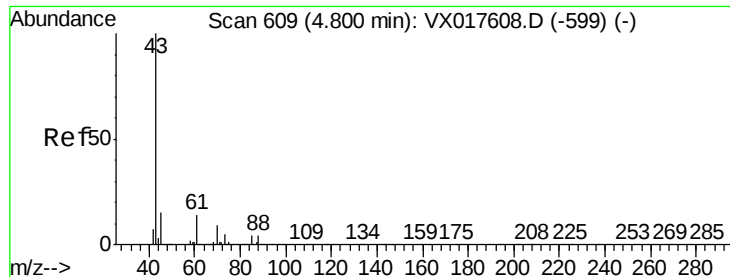
Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	43	Resp:	1338599
Ion Ratio	Lower	Upper	
43	100		
86	8.8	7.0	10.6





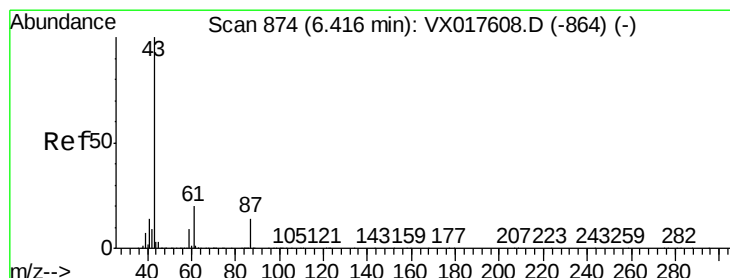
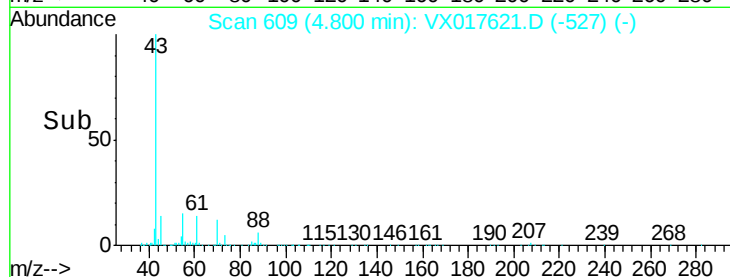
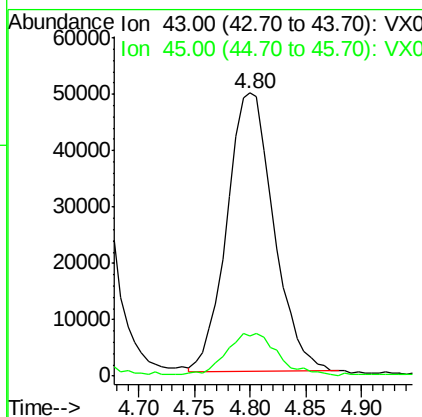
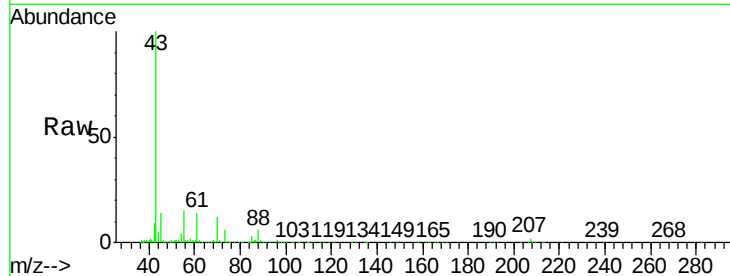
#43
Ethyl Acetate
Concen: 18.269 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	7.3	11.4	17.2#

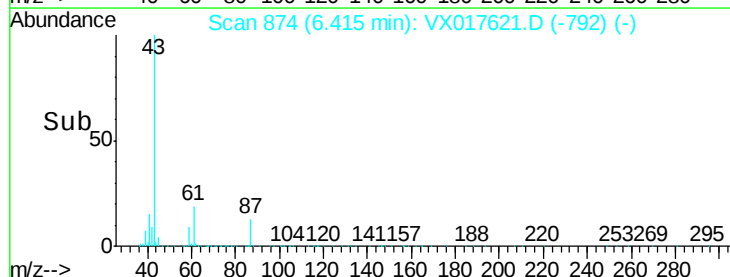
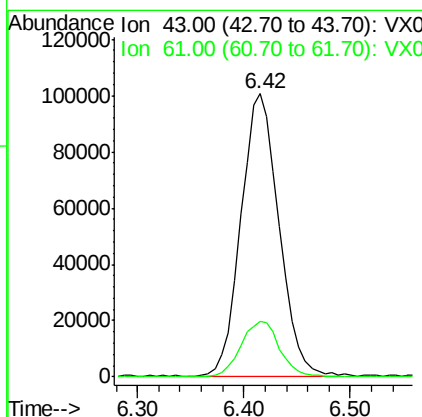
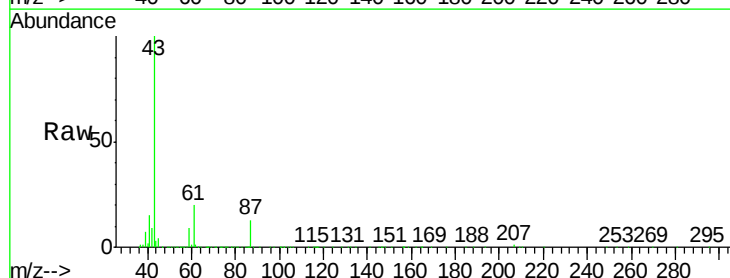
Manual Integrations
APPROVED

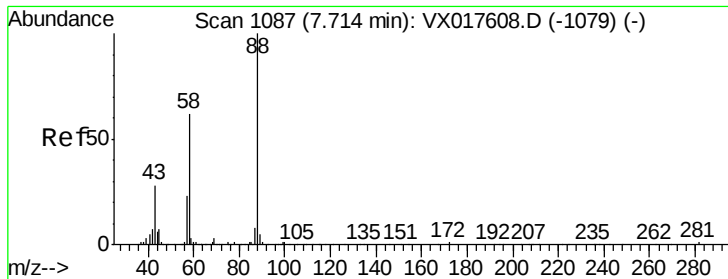
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#44
Isopropyl Acetate
Concen: 18.369 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.9	23.9





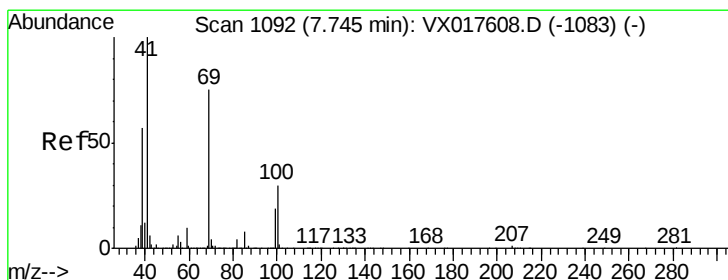
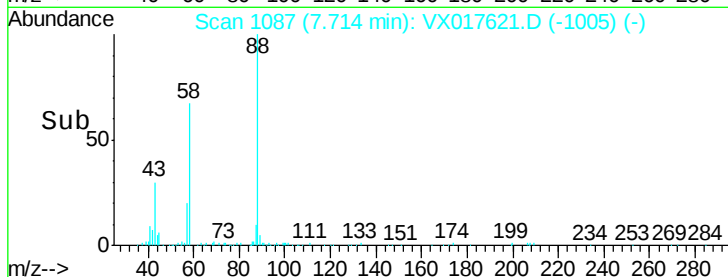
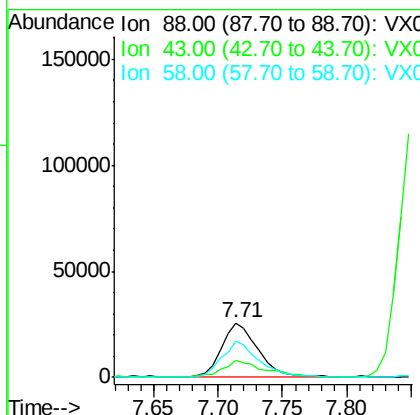
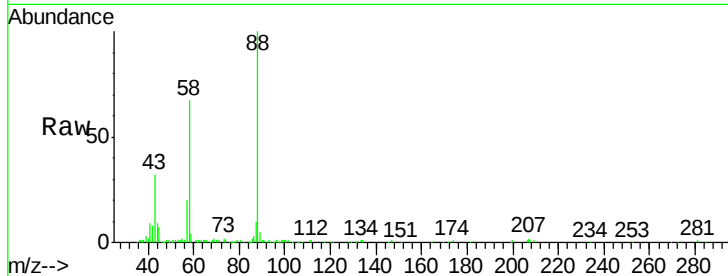
#45
1,4-Dioxane
Concen: 356.951 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	29.0	43.6#
58	66.1	55.6	83.4

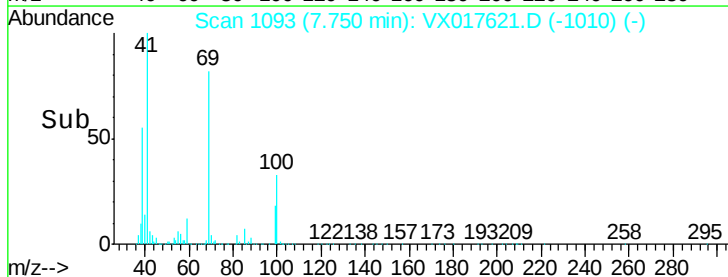
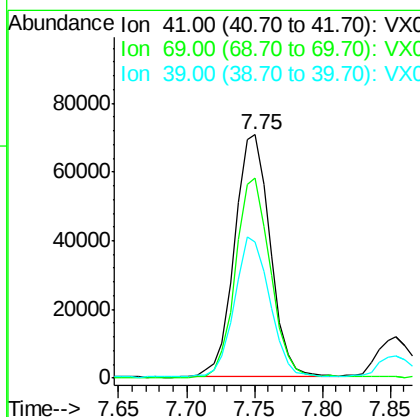
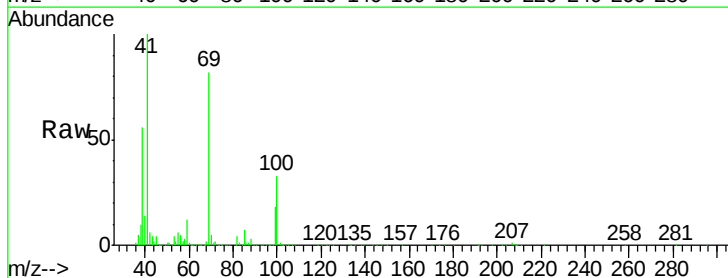
Manual Integrations
APPROVED

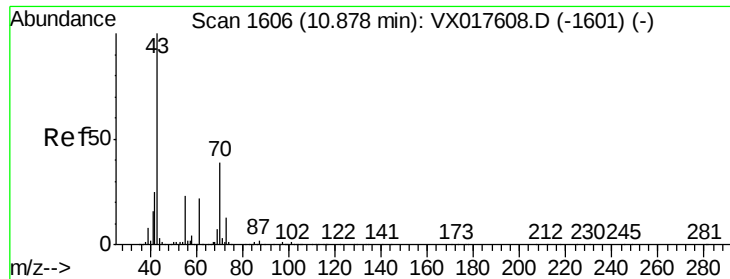
MMDadoda
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#46
Methyl methacrylate
Concen: 18.525 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.3	37.4	112.1
39	55.4	28.7	86.1





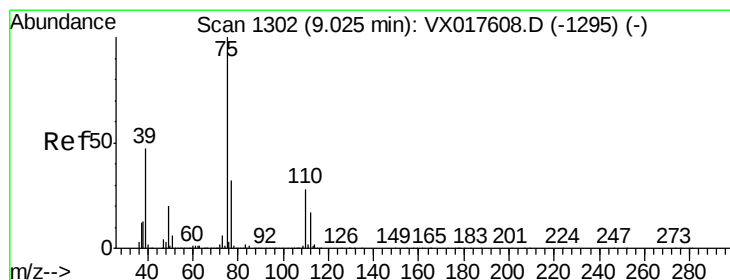
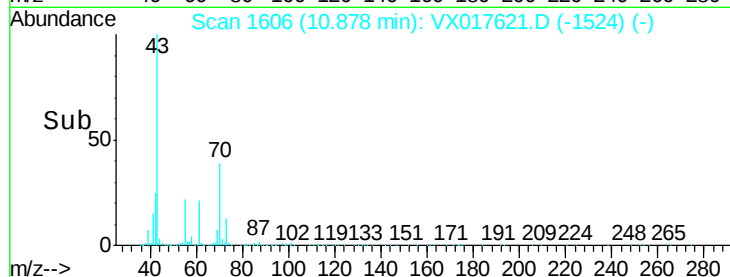
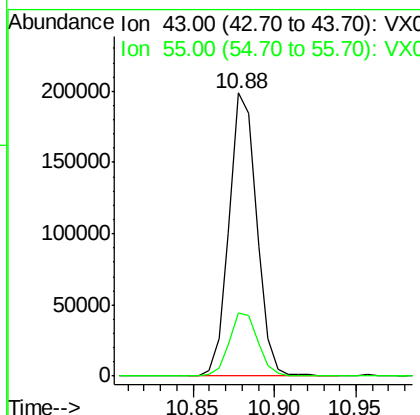
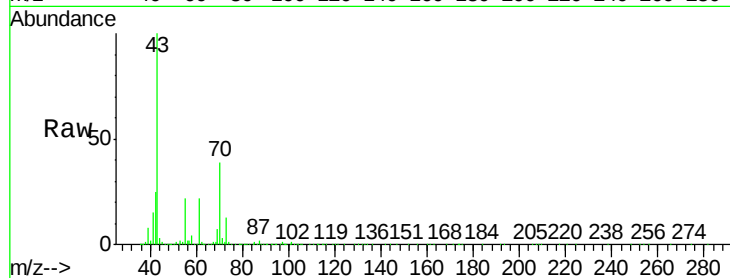
#47
n-amvl Acetate
Concen: 19.519 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
55	23.4	19.5	29.3

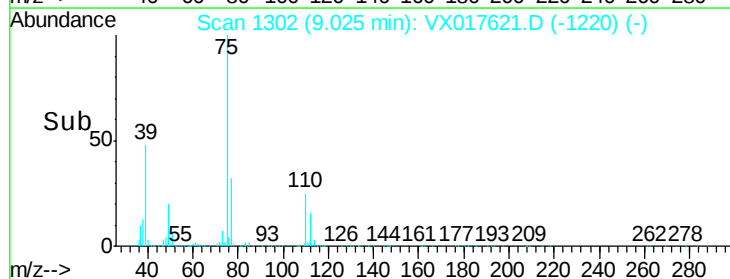
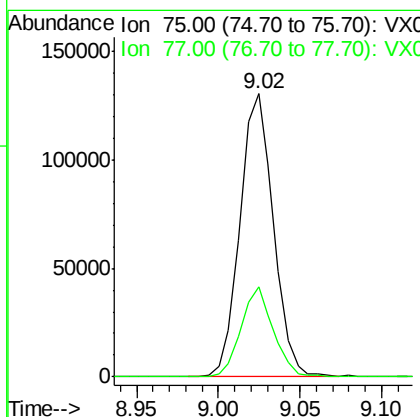
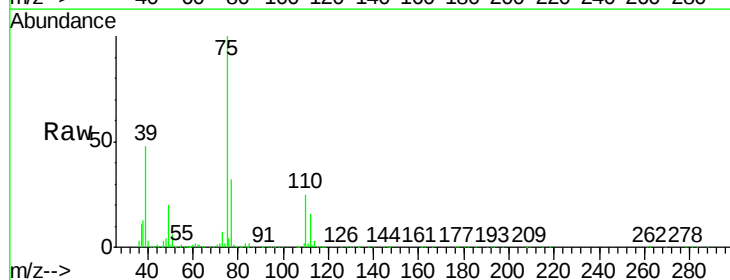
Manual Integrations
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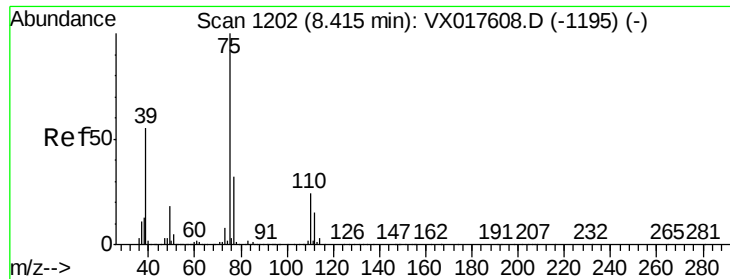
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.223 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4





#49

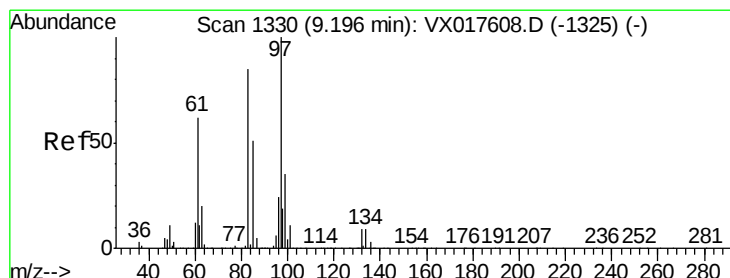
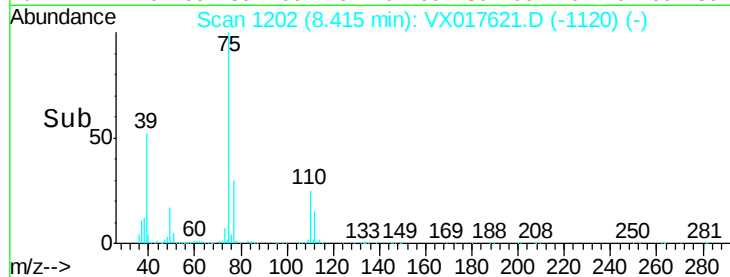
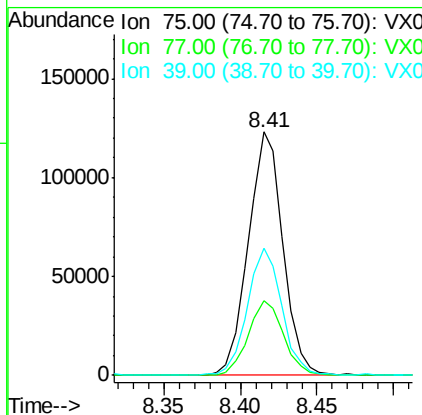
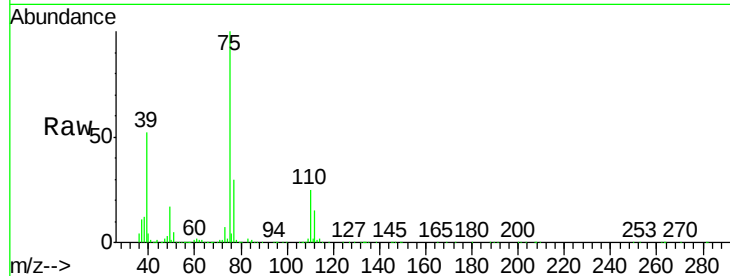
cis-1,3-Dichloropropene
Concen: 17.658 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.4	38.0
39	52.2	43.6	65.4

Manual Integrations
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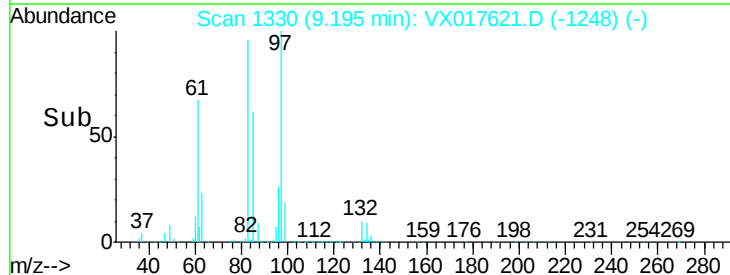
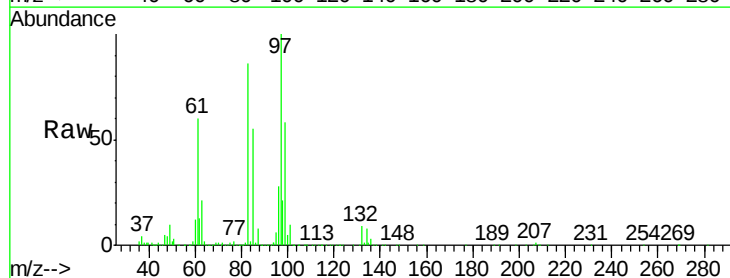
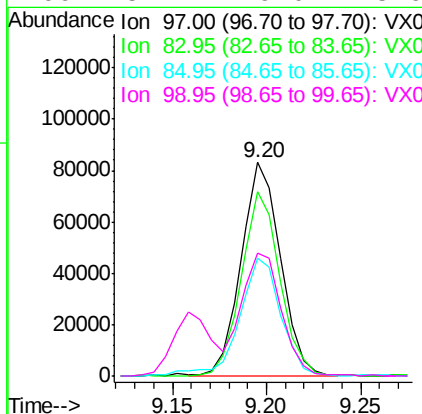
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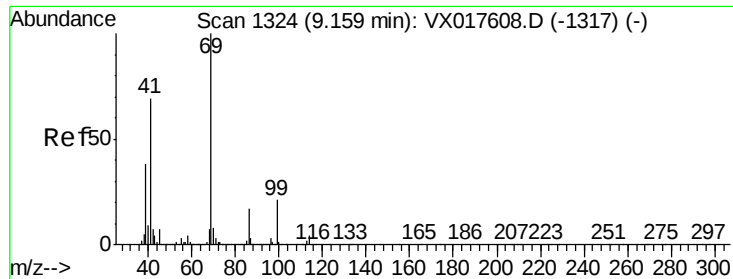


#50

1,1,2-Trichloroethane
Concen: 19.798 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.2	102.2
85	55.5	42.6	64.0
99	57.7	49.0	73.6





#51

Ethyl methacrylate

Concen: 19.045 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

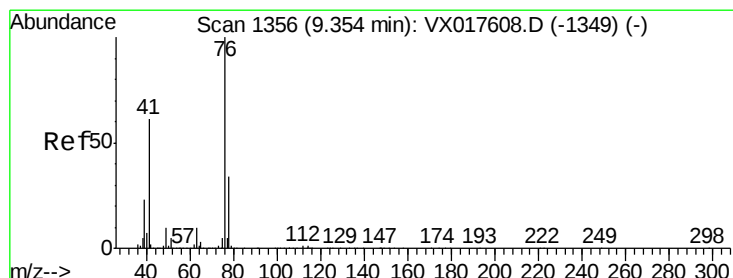
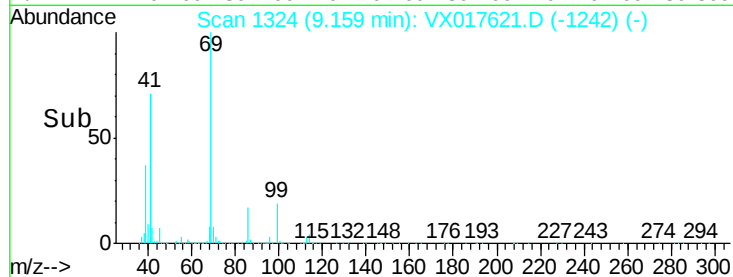
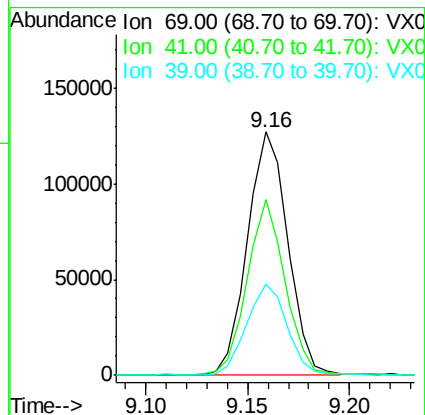
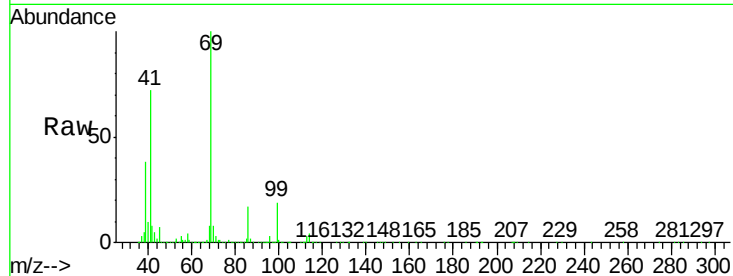
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	174575
Ion Ratio	Lower	Upper	
69	100		
41	72.2	34.4	103.2
39	37.3	19.1	57.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.334 ug/l

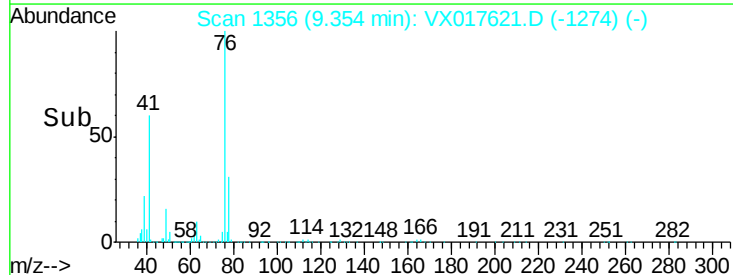
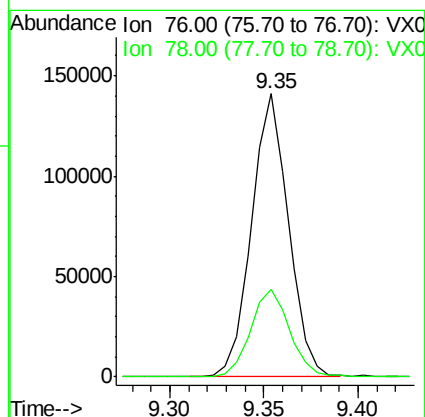
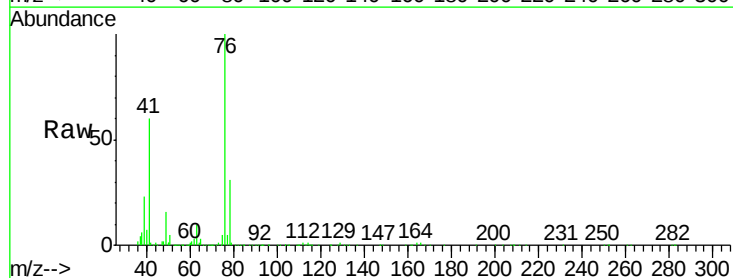
RT: 9.35 min Scan# 1356

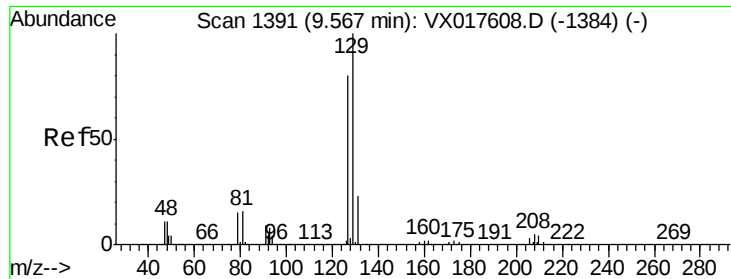
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	76	Resp:	191614
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	65.4





#53

Dibromochloromethane

Concen: 18.794 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 145098

Ion Ratio Lower Upper

129 100

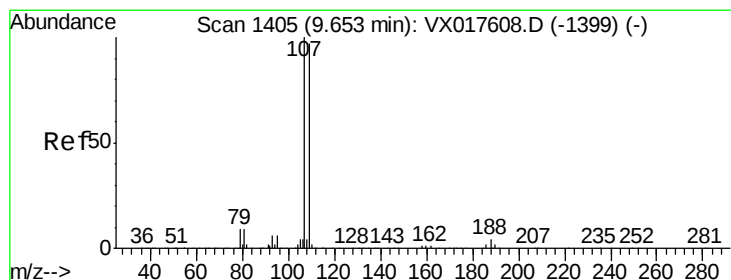
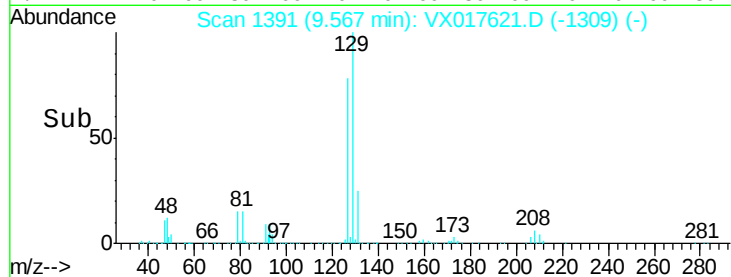
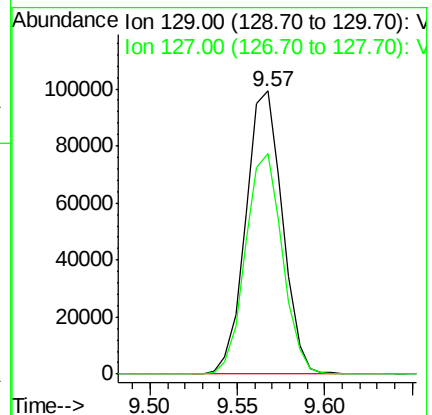
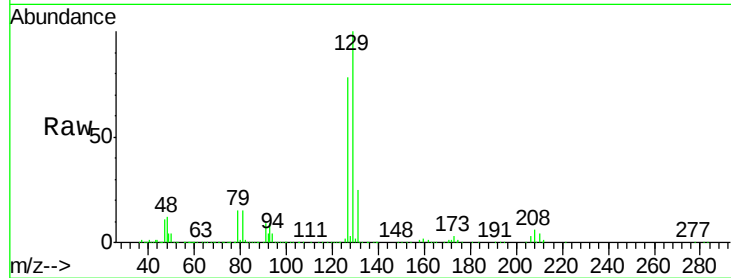
127 78.2 39.7 119.1

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#54

1,2-Dibromoethane

Concen: 18.860 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017621.D

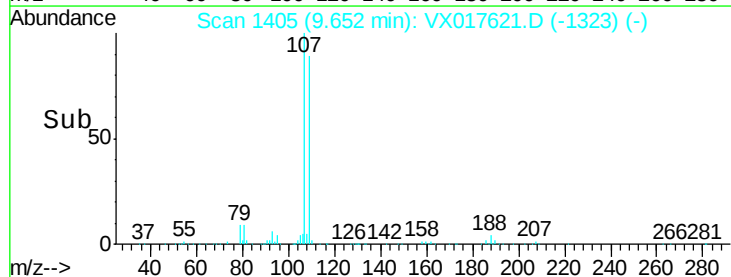
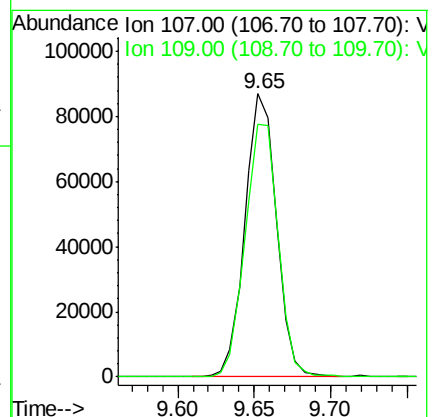
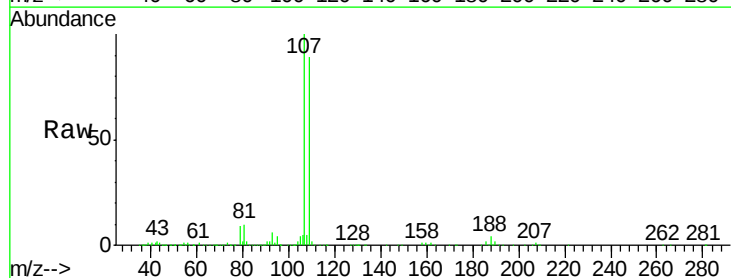
Acq: 27 Jul 2020 16:22

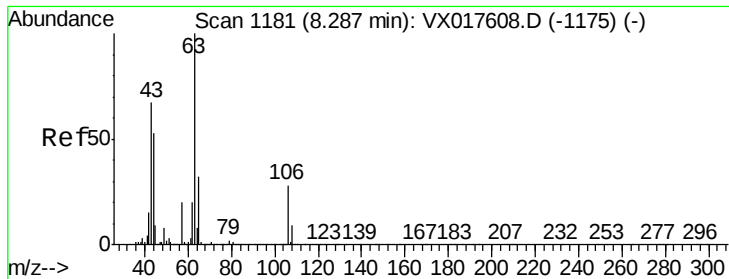
Tgt Ion:107 Resp: 124698

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4





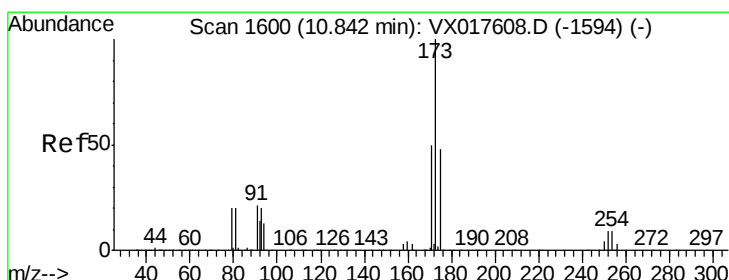
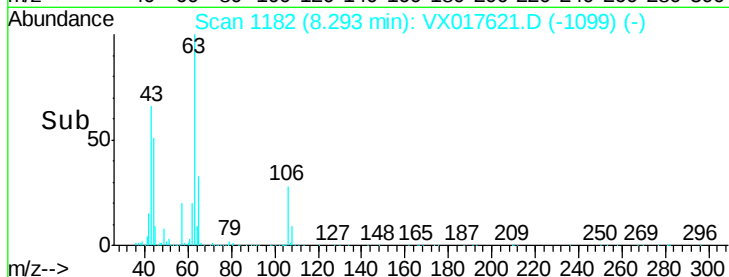
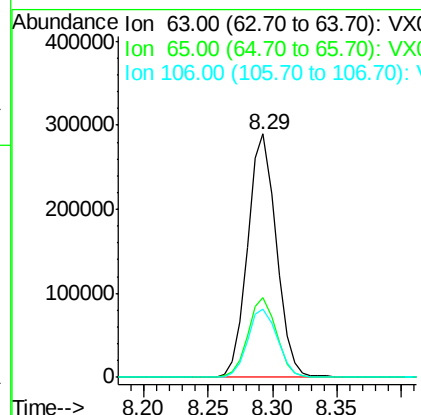
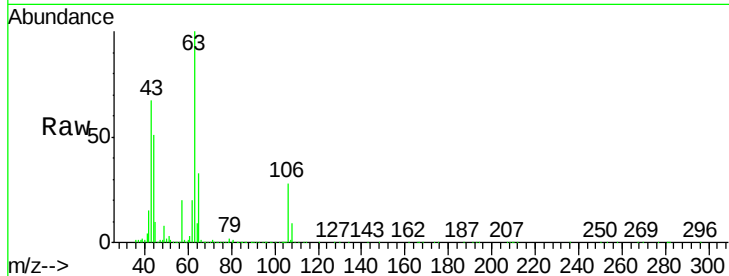
#55
2-Chloroethyl vinyl ether
Concen: 90.144 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3
106	29.1	22.9	34.3

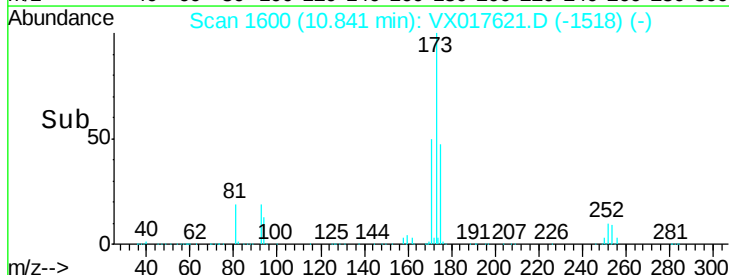
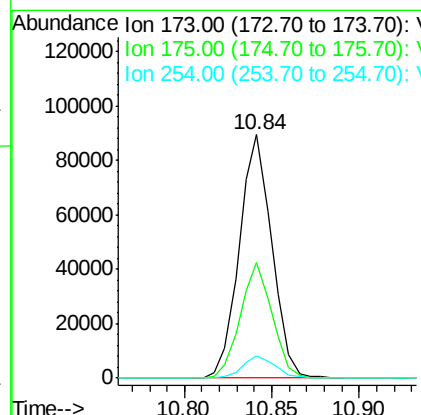
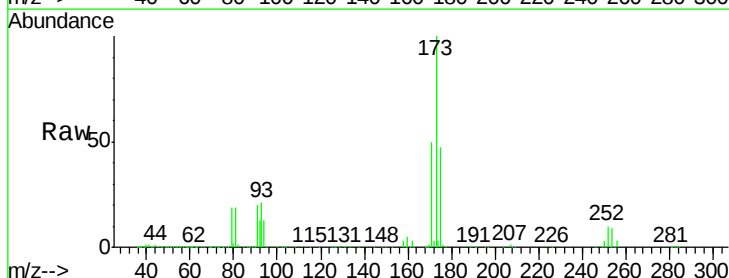
Manual Integrations
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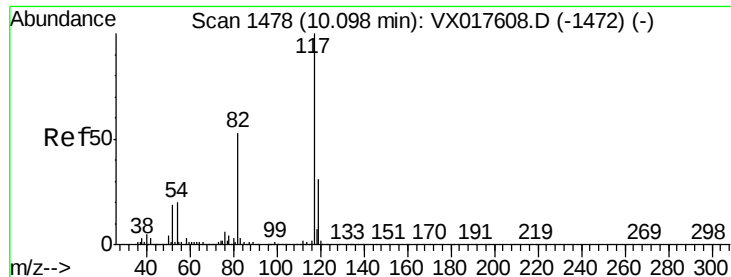
MMDadoda
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#56
Bromoform
Concen: 19.601 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	38.2	57.4
254	9.2	7.4	11.2





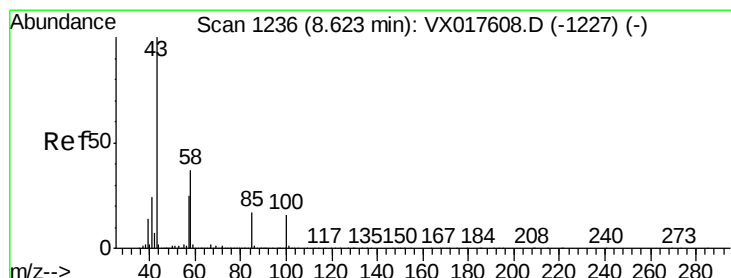
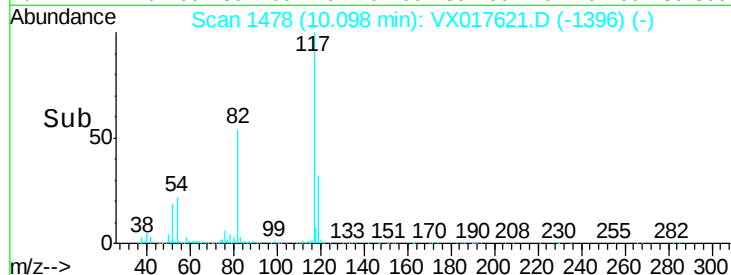
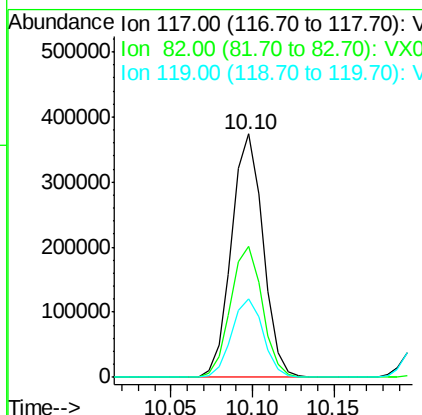
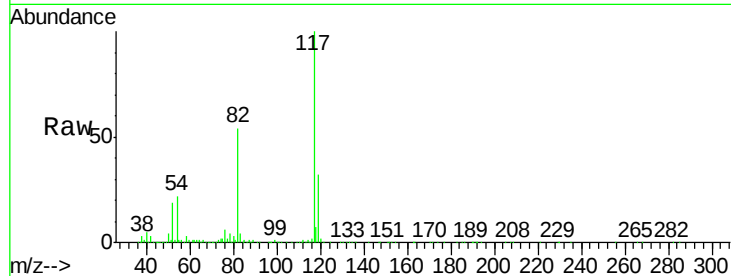
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	32.2	25.7	38.5

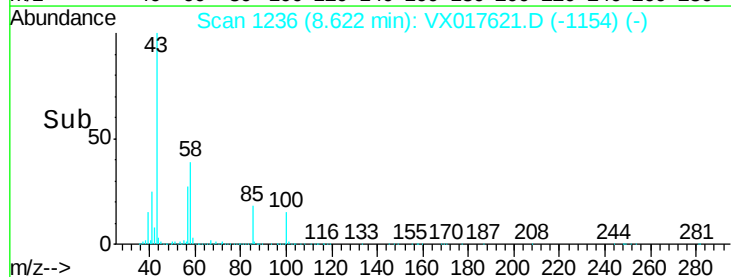
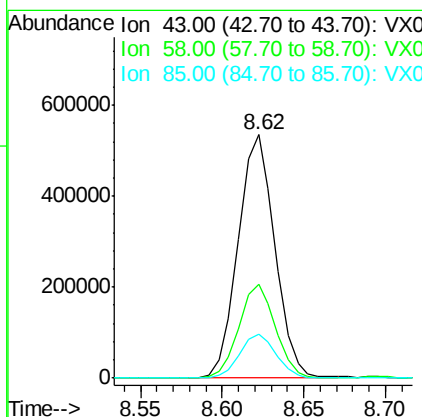
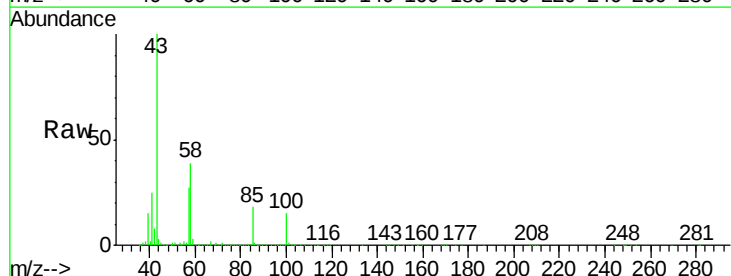
Manual Integrations
APPROVED

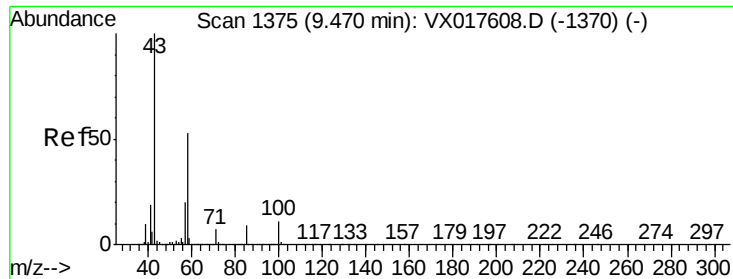
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#58
4-Methyl-2-Pentanone
Concen: 93.422 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.5	45.7
85	18.1	14.2	21.2





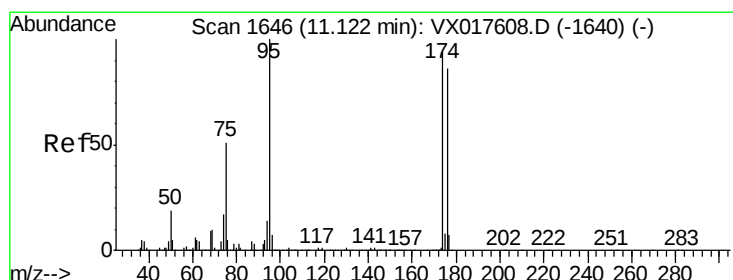
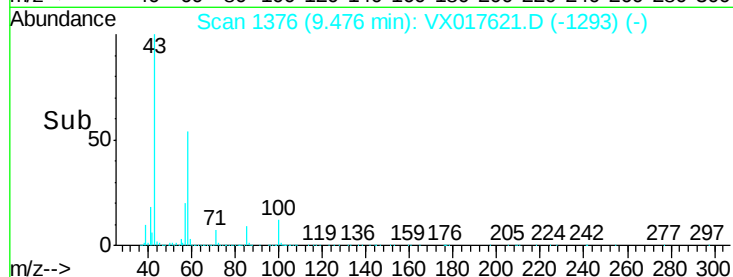
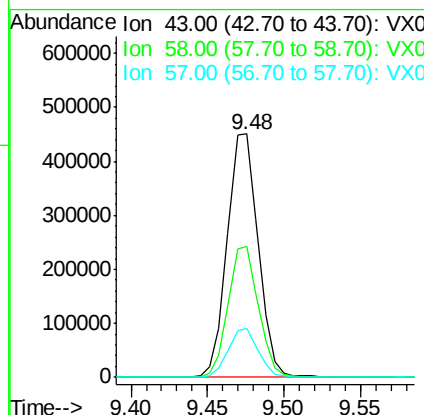
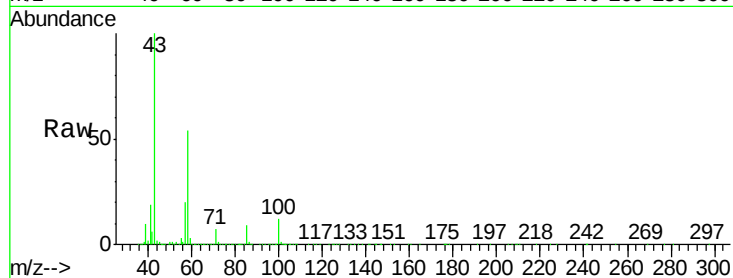
#59
2-Hexanone
Concen: 99.813 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	42.9	64.3
57	19.3	16.1	24.1

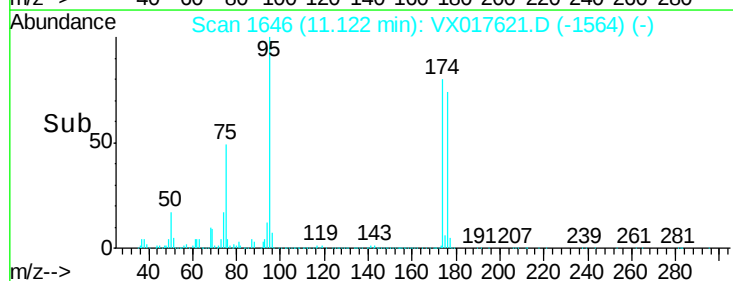
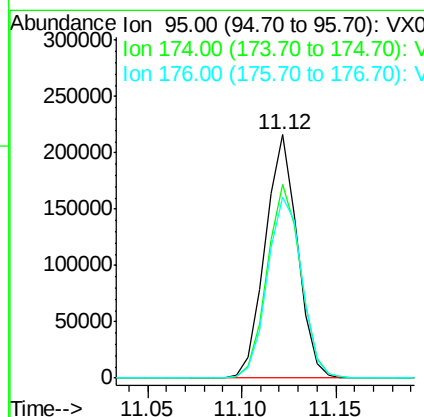
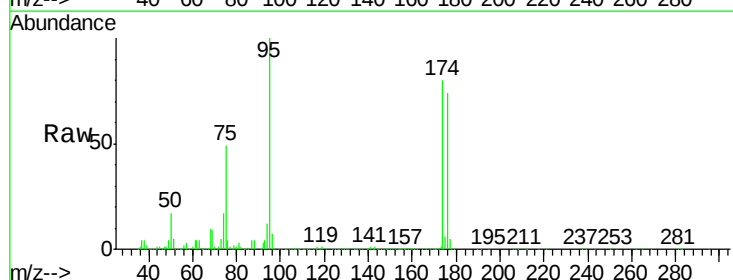
Manual Integrations
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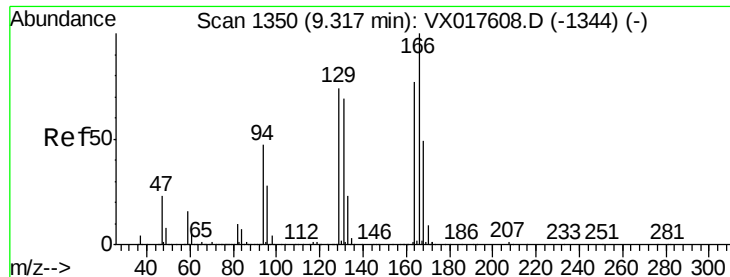
MMDadoda
7/28/2020 10:31:04 AM



#60
4-Bromofluorobenzene
Concen: 29.949 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	70.2	105.2
176	79.7	65.6	98.4





#61

Tetrachloroethene

Concen: 18.781 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 129050

Ion Ratio Lower Upper

164 100

166 124.5 104.4 156.6

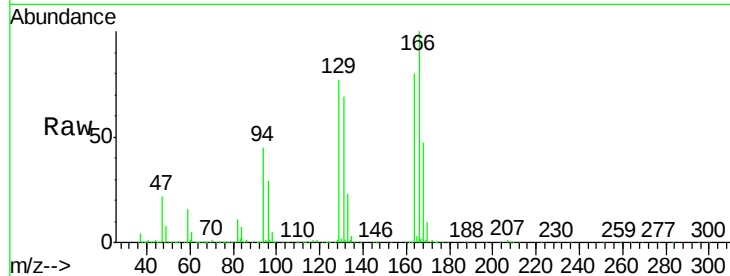
129 95.8 77.0 115.4

131 85.7 72.3 108.5

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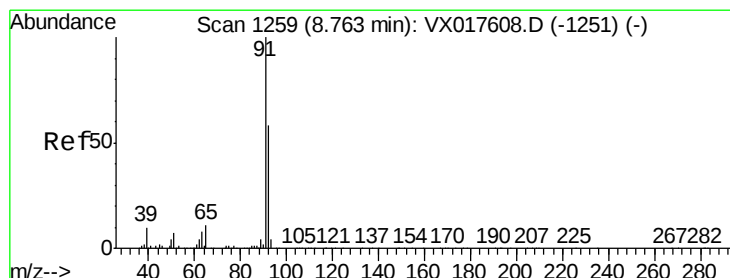
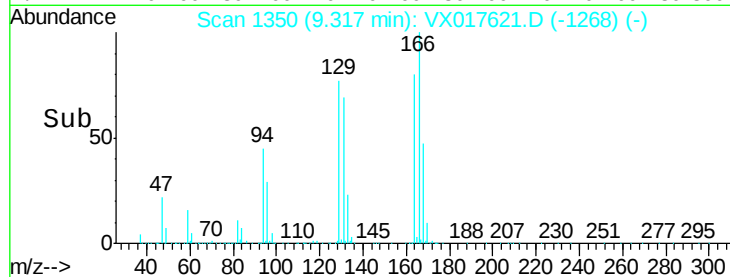
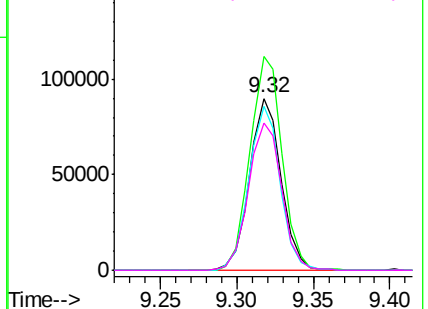


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.347 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017621.D

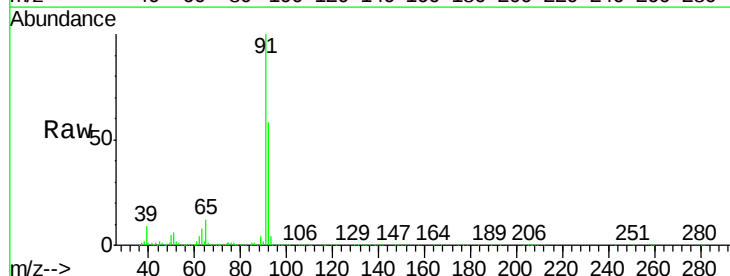
Acq: 27 Jul 2020 16:22

Tgt Ion: 91 Resp: 459801

Ion Ratio Lower Upper

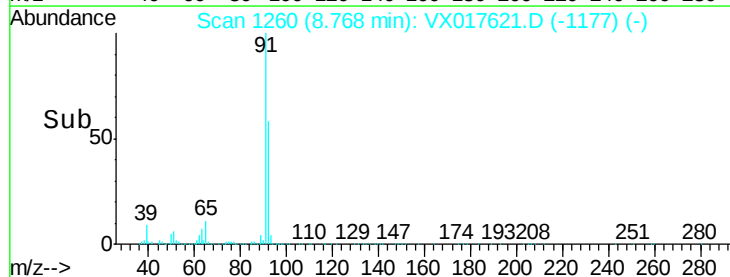
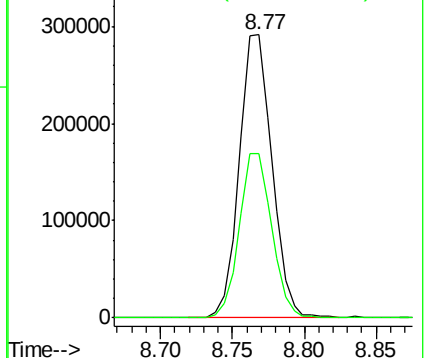
91 100

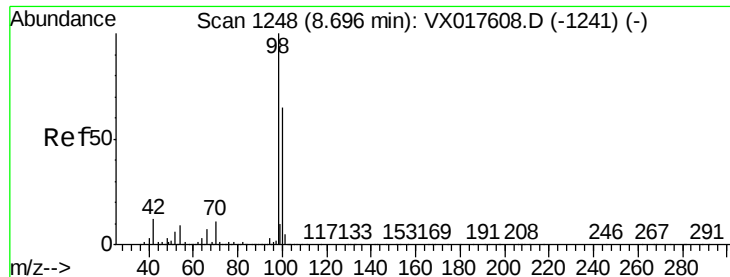
92 57.8 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





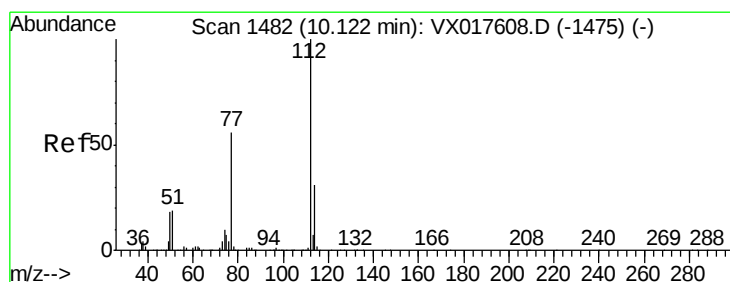
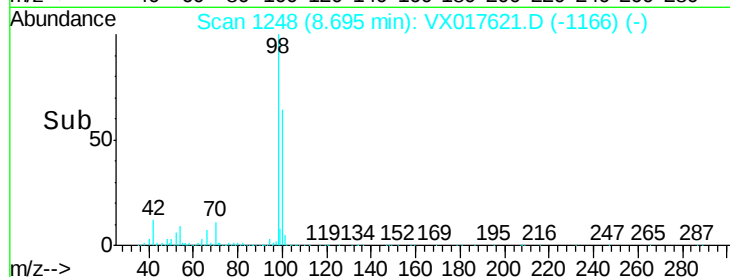
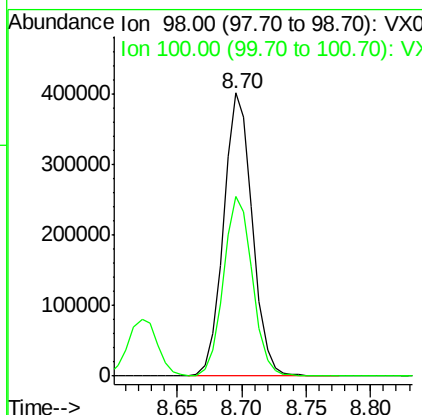
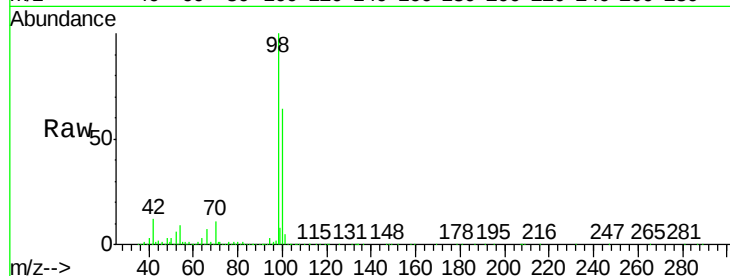
#63
Toluene-d8
Concen: 28.229 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.9	77.9

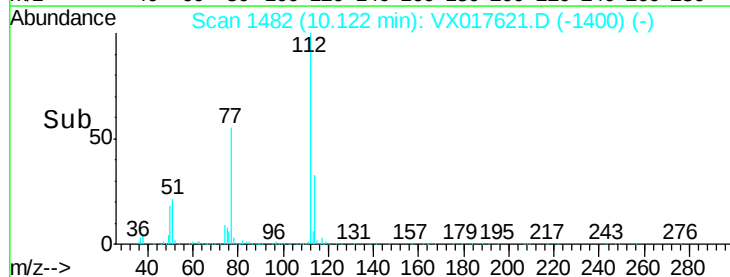
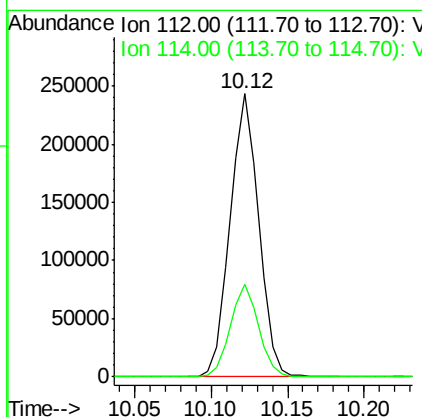
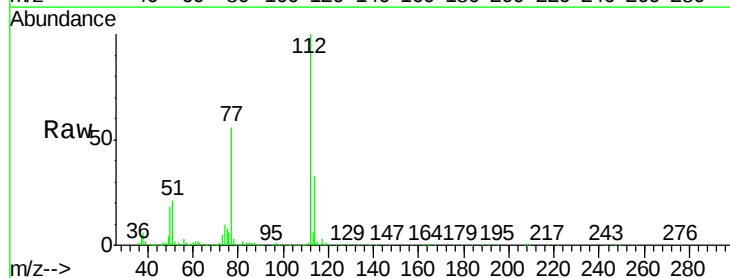
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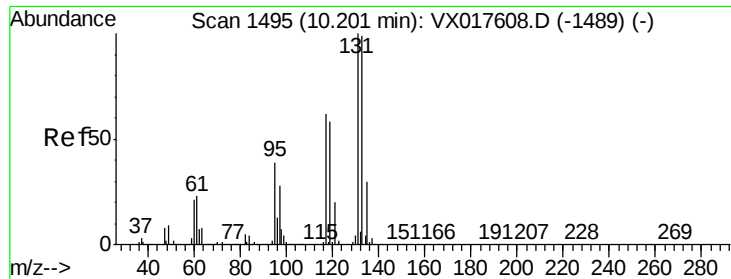
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#64
Chlorobenzene
Concen: 19.320 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.4	36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.707 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

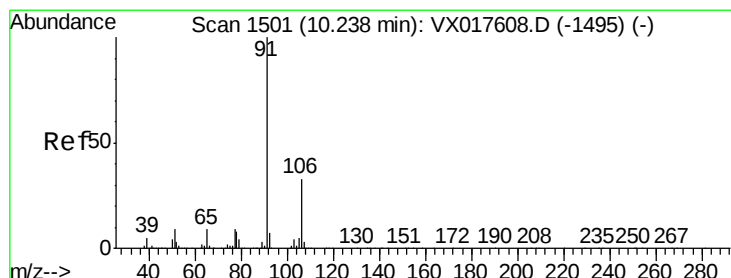
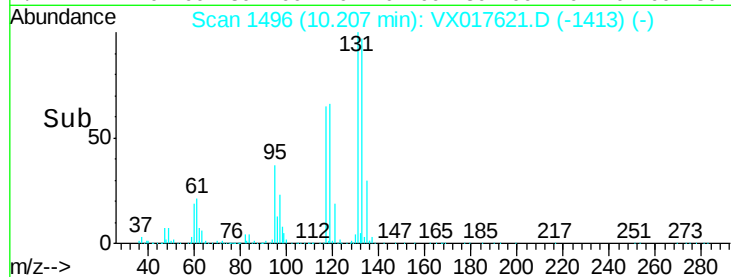
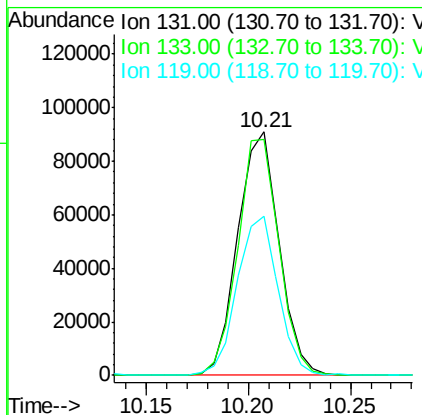
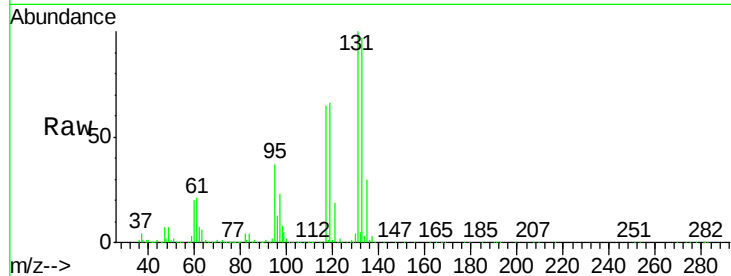
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	128153
Ion Ratio	Lower	Upper	
131	100		
133	97.3	0.0	189.8
119	64.2	0.0	119.6

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#66

Ethyl Benzene

Concen: 18.944 ug/l

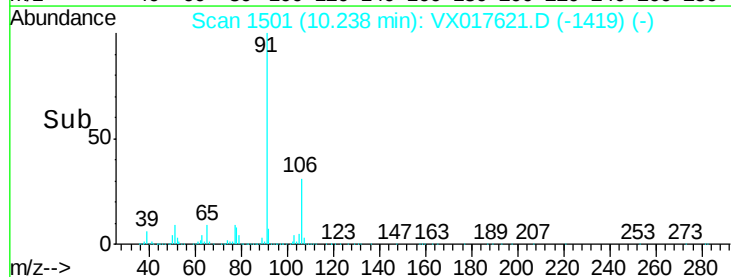
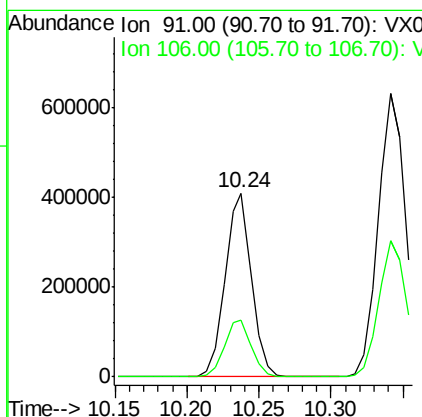
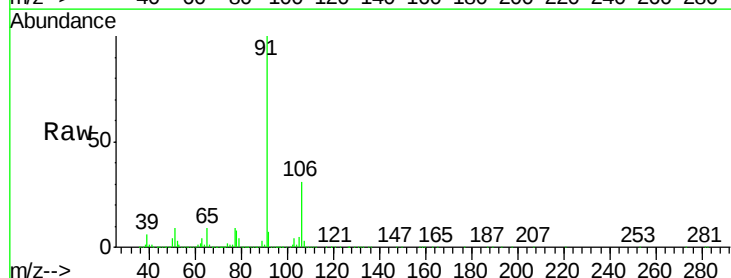
RT: 10.24 min Scan# 1501

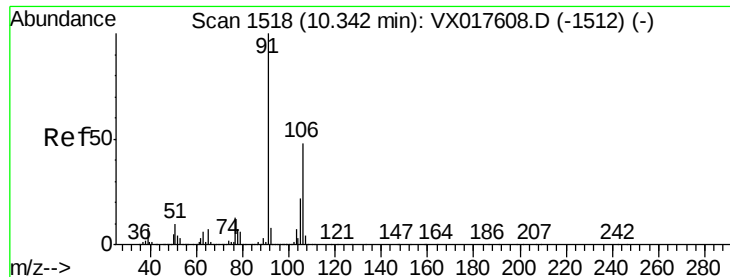
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	91	Resp:	524113
Ion Ratio	Lower	Upper	
91	100		
106	30.6	26.2	39.2





#67

m/p-Xylenes

Concen: 38.467 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 398714

Ion Ratio Lower Upper

106 100

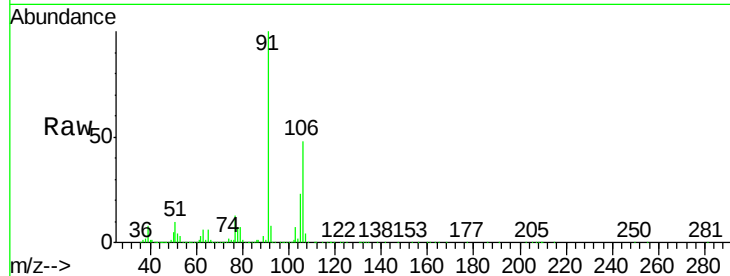
91 205.7 166.6 249.8

Manual Integrations

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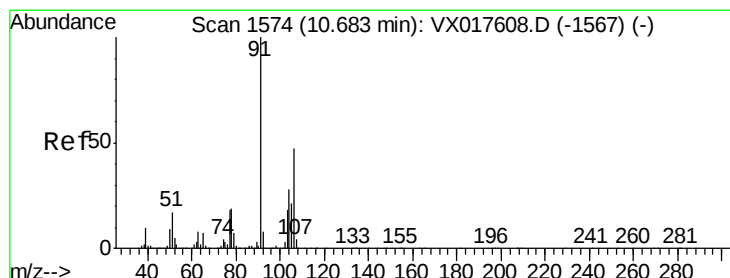
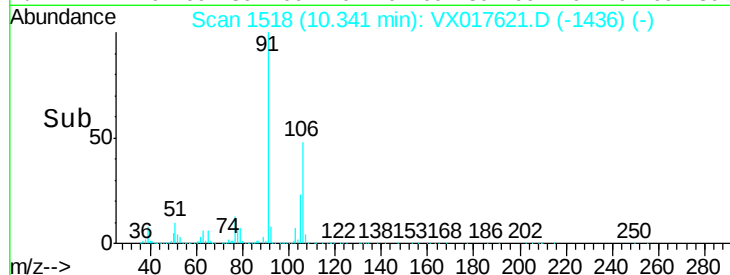
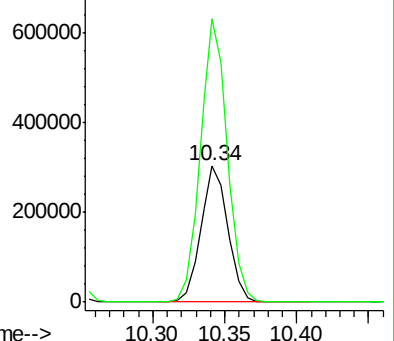
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.384 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017621.D

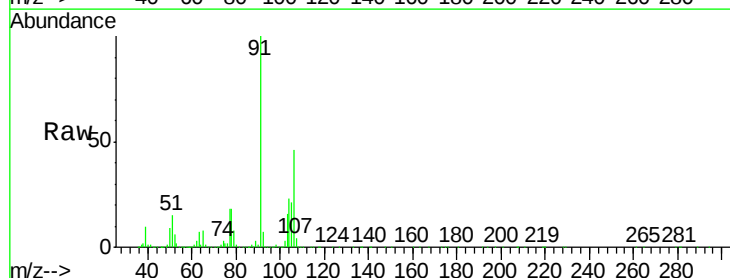
Acq: 27 Jul 2020 16:22

Tgt Ion:106 Resp: 199599

Ion Ratio Lower Upper

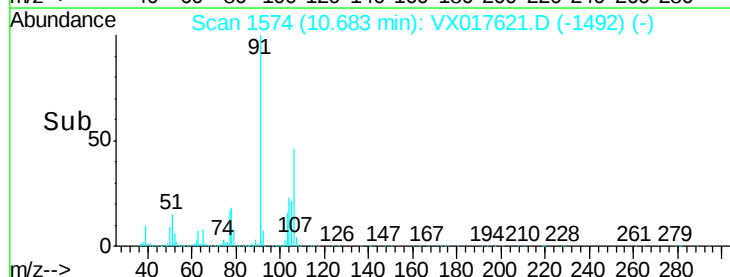
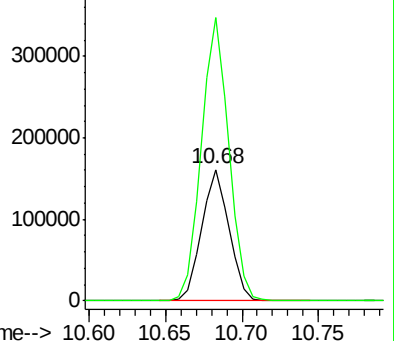
106 100

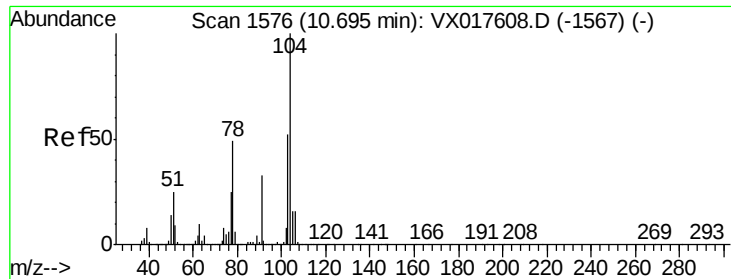
91 215.1 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





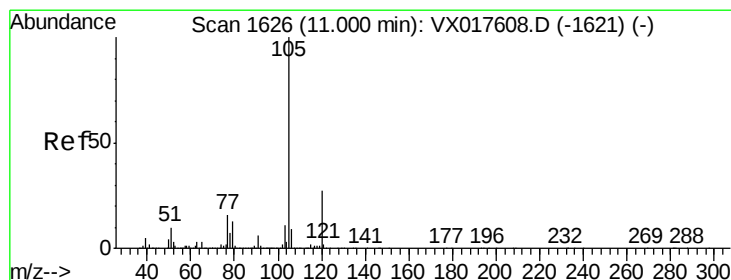
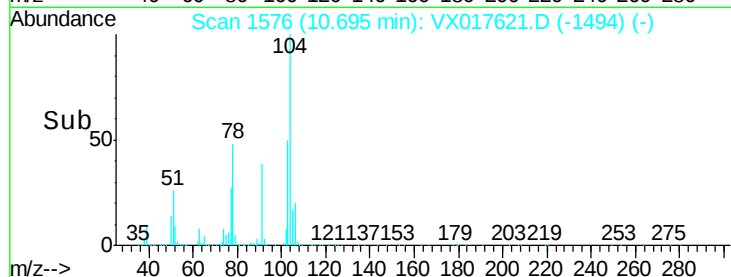
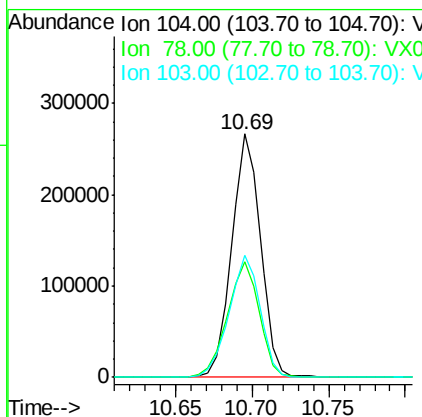
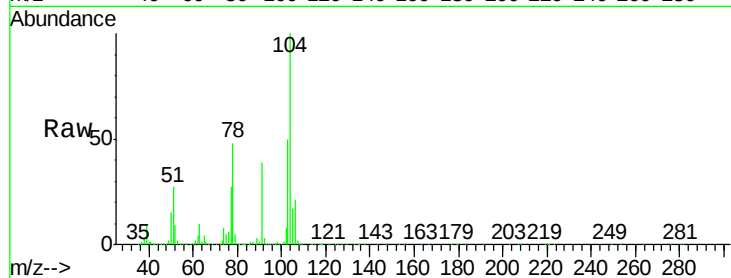
#69
Stvrene
Concen: 19.367 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.9	41.7	62.5
103	54.0	43.4	65.2

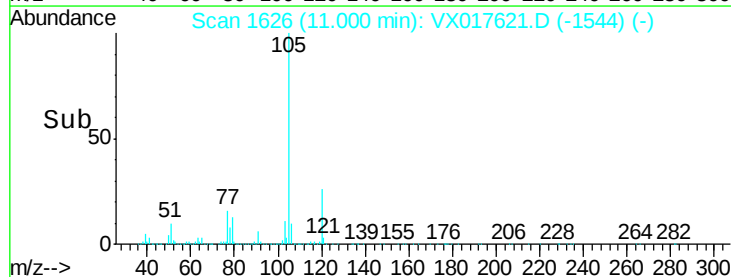
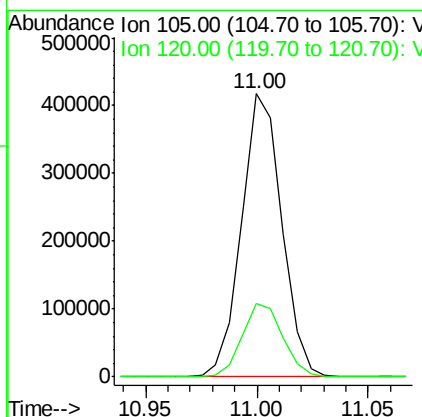
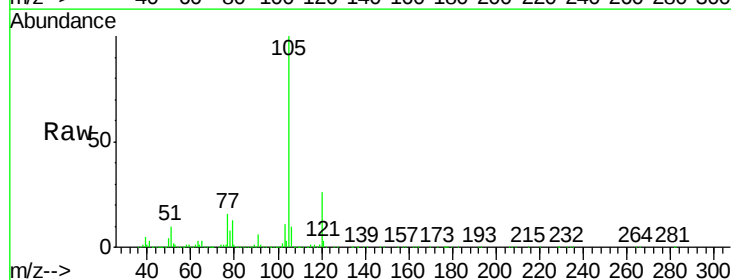
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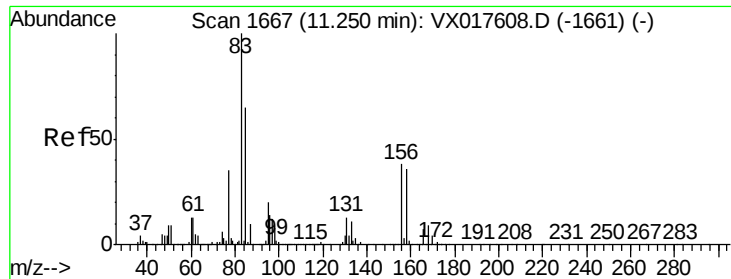
MMDadoda
7/28/2020 10:31:04 AM



#70
Isopropylbenzene
Concen: 17.529 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 167177

Ion Ratio Lower Upper

83 100

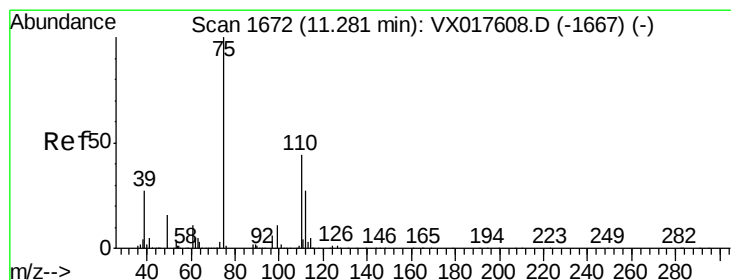
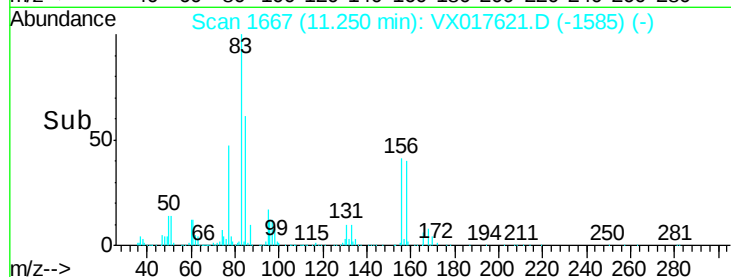
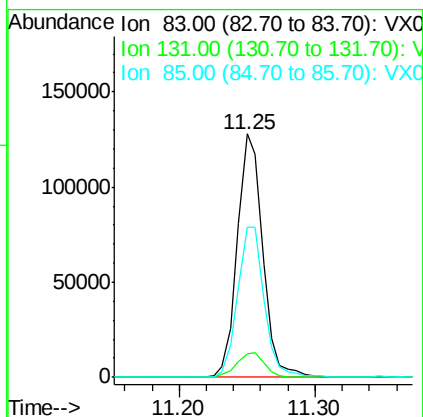
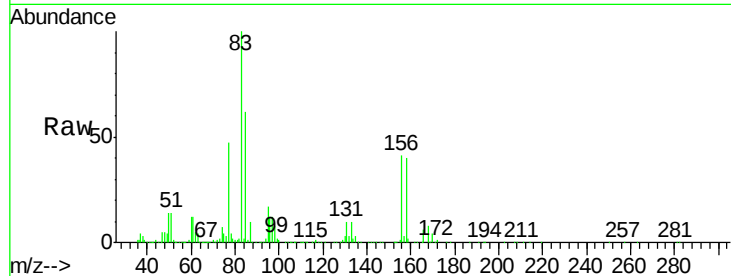
131 10.8 5.9 17.8

85 64.2 32.7 98.1

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#72

1,2,3-Trichloropropane

Concen: 19.793 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017621.D

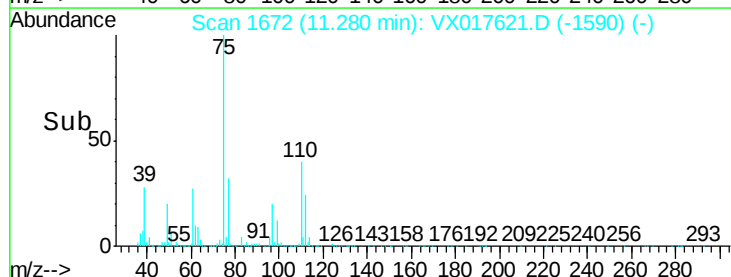
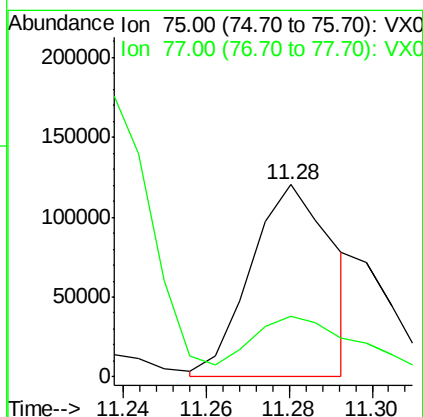
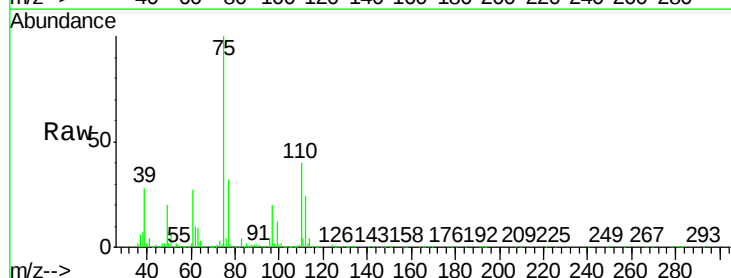
Acq: 27 Jul 2020 16:22

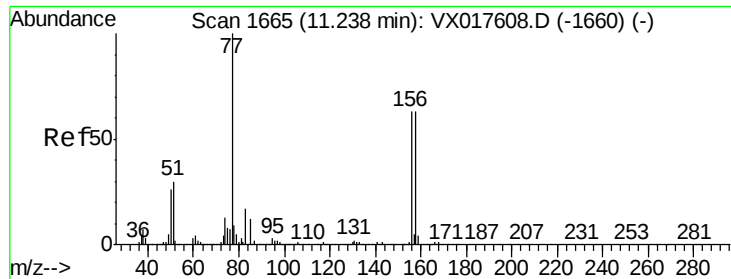
Tgt Ion: 75 Resp: 166345

Ion Ratio Lower Upper

75 100

77 39.5 0.0 73.2





#73

Bromobenzene

Concen: 19.235 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

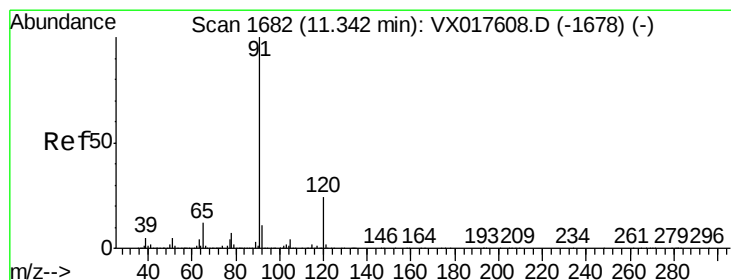
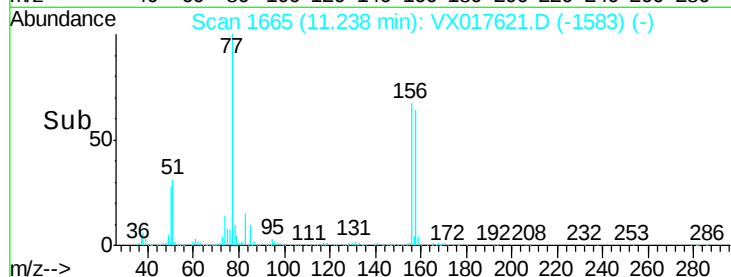
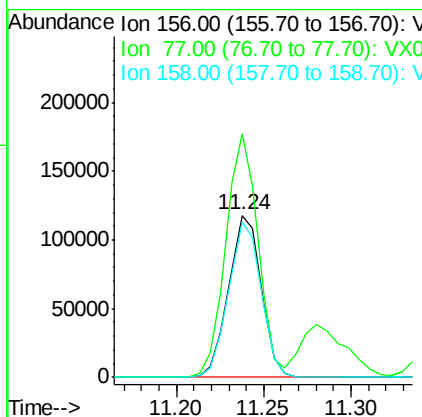
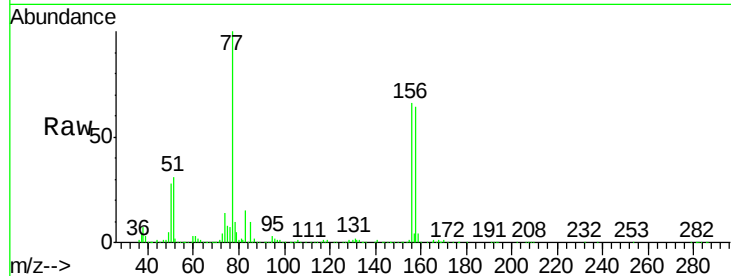
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	152797
Ion Ratio	Lower	Upper	
156	100		
77	148.9	0.0	302.0
158	95.9	0.0	199.6

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#74

n-propylbenzene

Concen: 17.423 ug/l

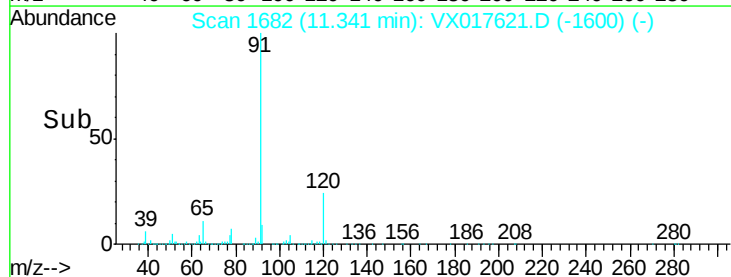
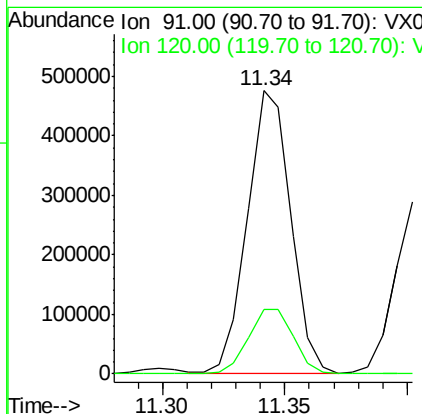
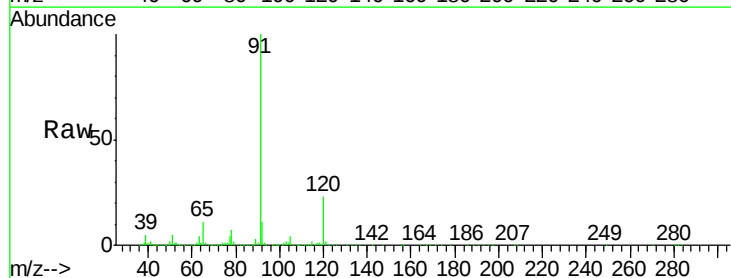
RT: 11.34 min Scan# 1682

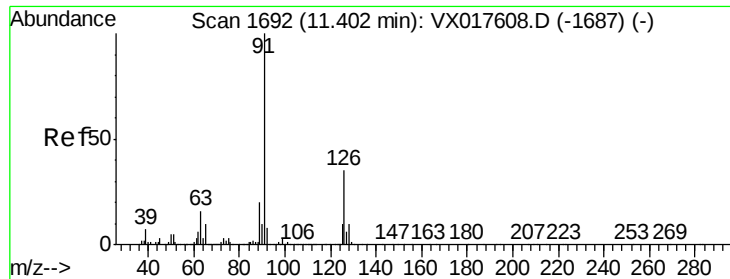
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	91	Resp:	590601
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	48.0





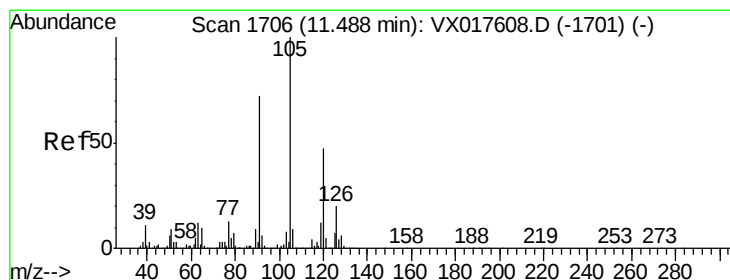
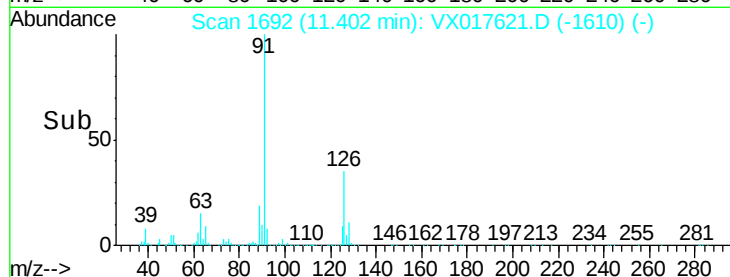
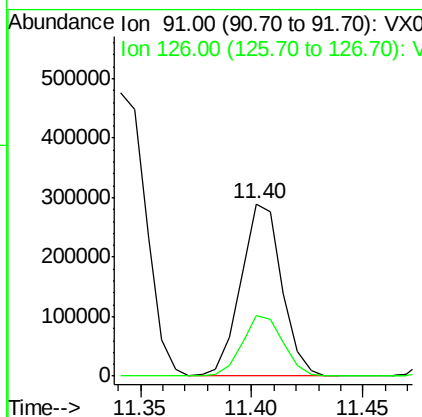
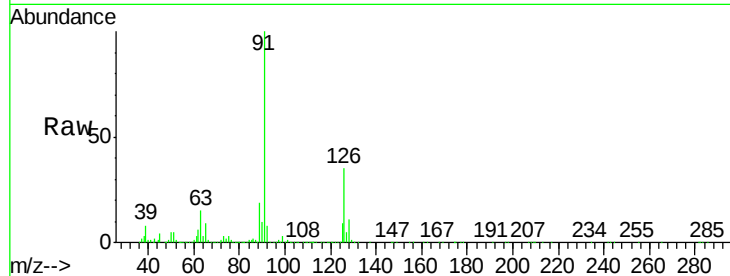
#75
2-Chlorotoluene
Concen: 18.235 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 91 Resp: 371946
Ion Ratio Lower Upper
91 100
126 35.3 0.0 67.8

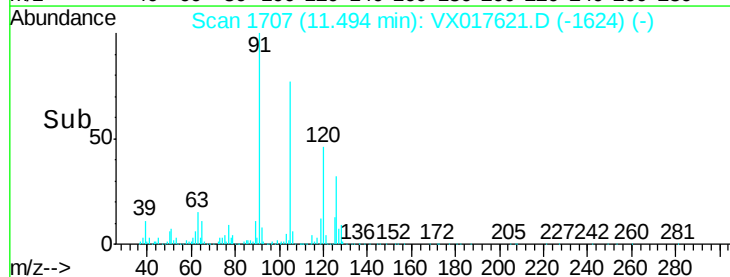
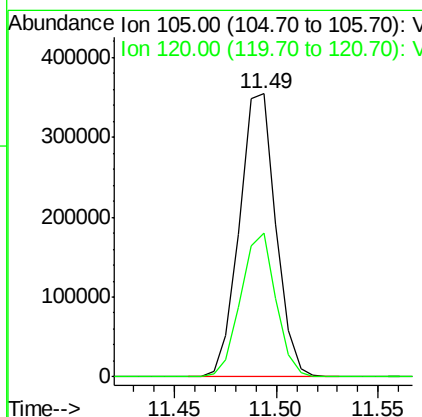
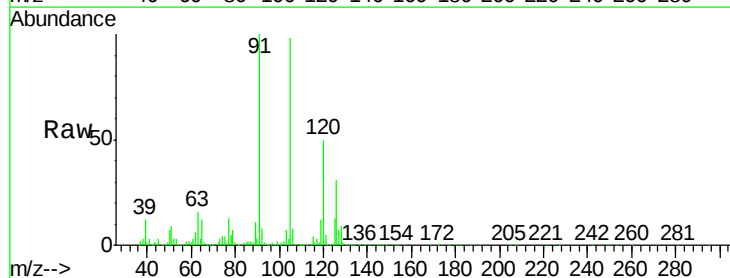
Manual Integrations
APPROVED

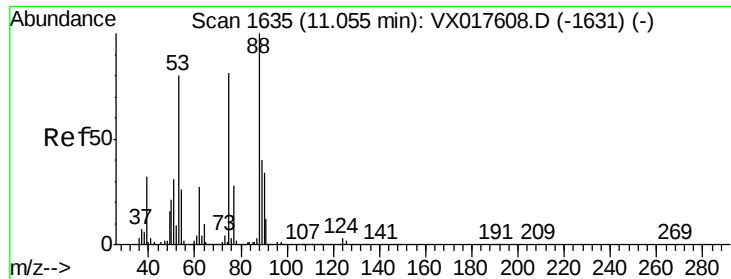
MMDadoda
7/28/2020 10:31:04 AM



#76
1,3,5-Trimethylbenzene
Concen: 17.646 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion: 105 Resp: 439387
Ion Ratio Lower Upper
105 100
120 49.3 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.179 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Instrument :

MSVOA_X

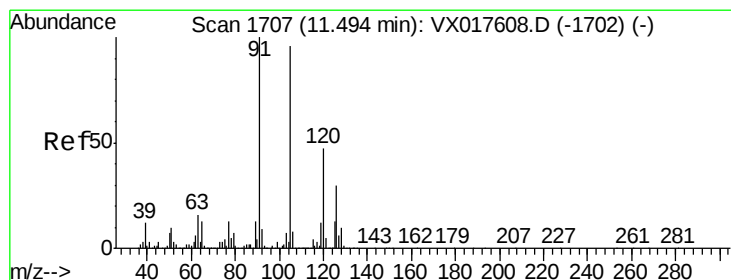
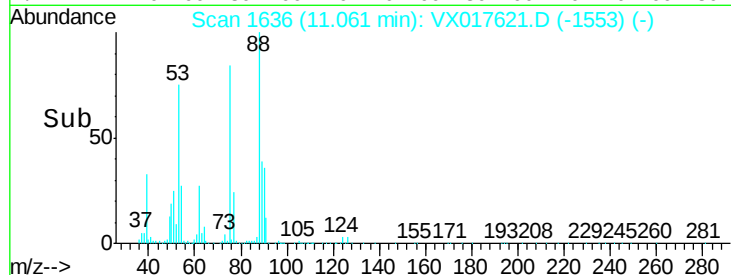
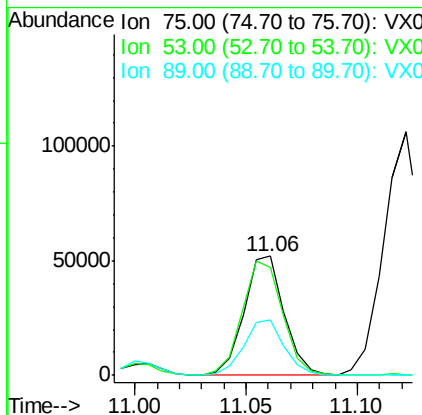
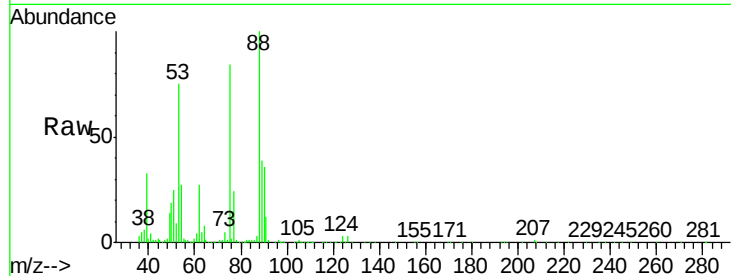
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	65589
Ion	Ratio	Lower	Upper
75	100		
53	89.7	49.0	147.0
89	46.4	24.4	73.2

Manual Integrations
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7/28/2020 10:31:04 AM



#78

4-Chlorotoluene

Concen: 18.395 ug/l

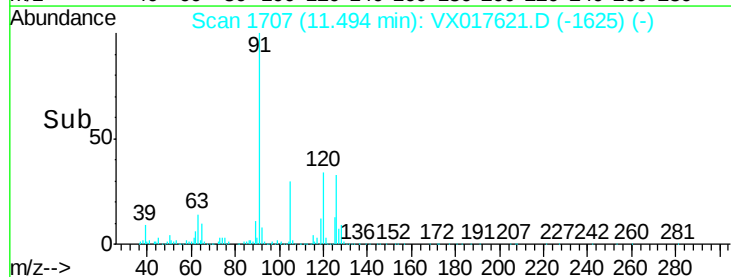
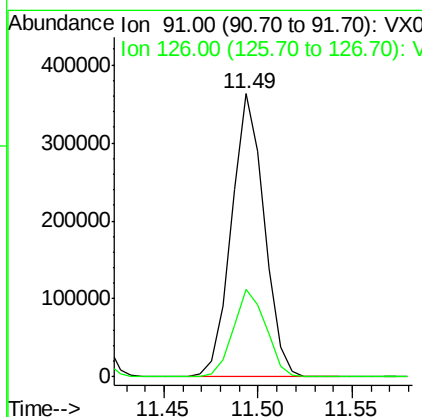
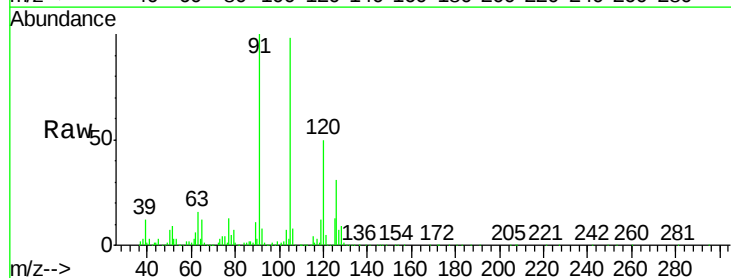
RT: 11.49 min Scan# 1707

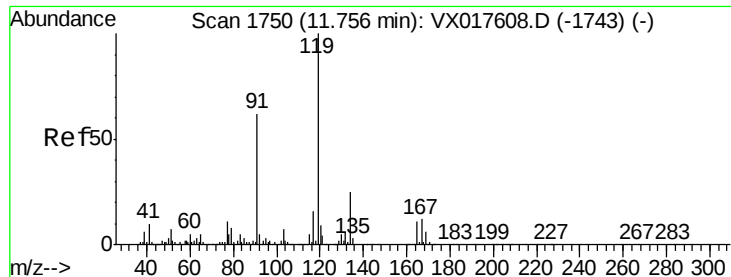
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion:	91	Resp:	437351
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	60.8





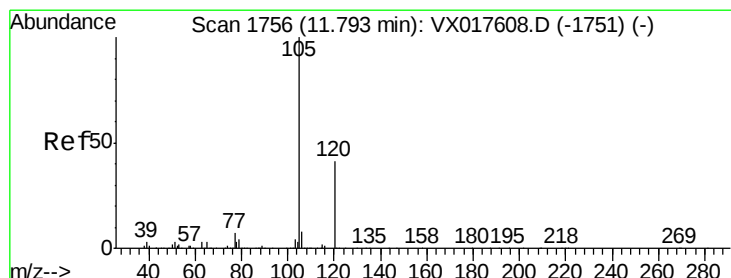
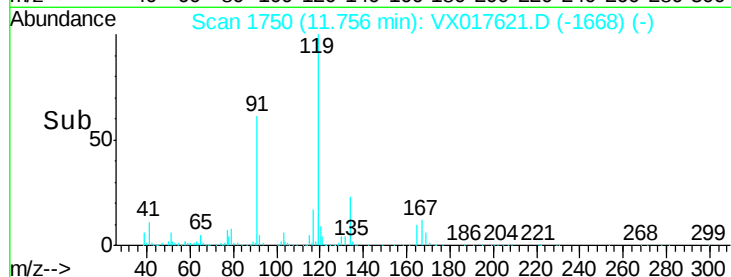
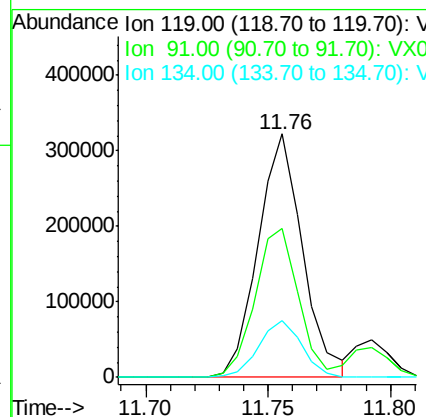
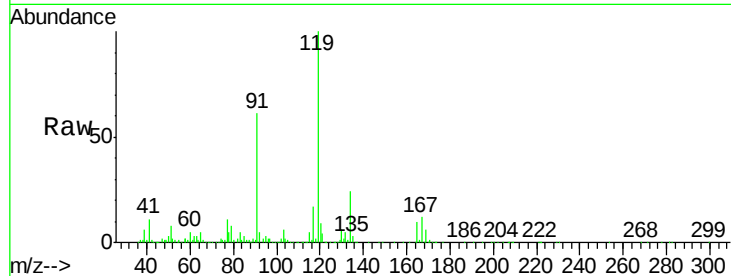
#79
tert-butylbenzene
Concen: 16.803 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	409993		
91	59.4	0.0	121.0	
134	22.8	0.0	45.0	

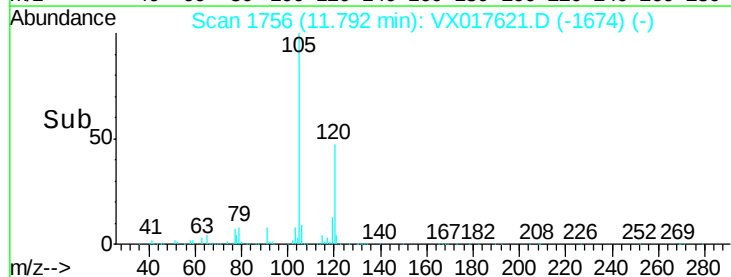
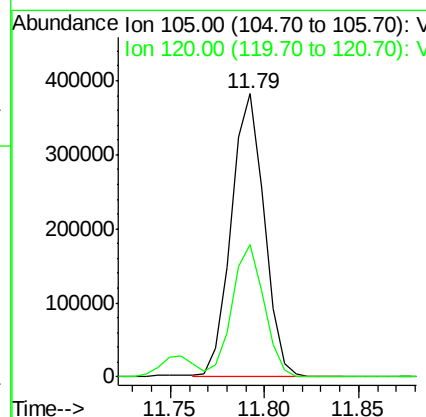
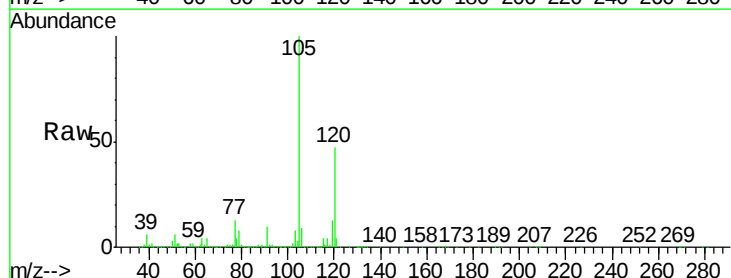
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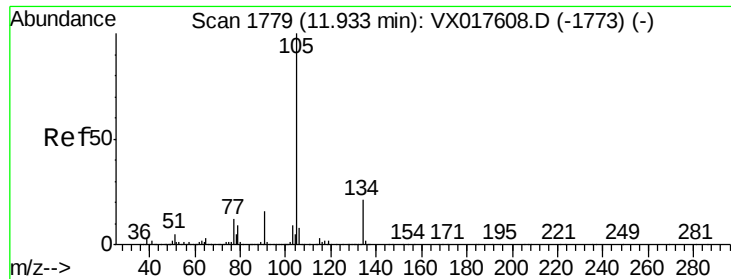
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 18.036 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	463496		
120	45.5	0.0	90.0	





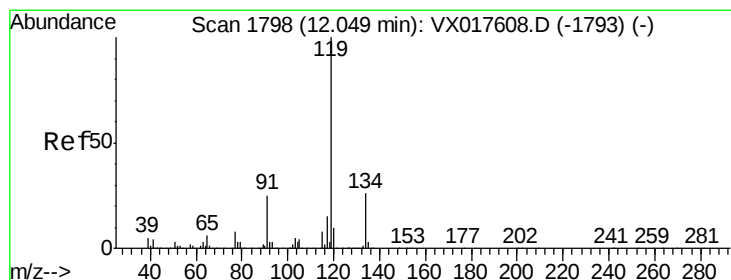
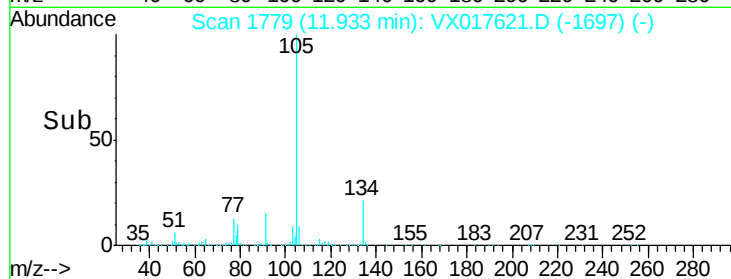
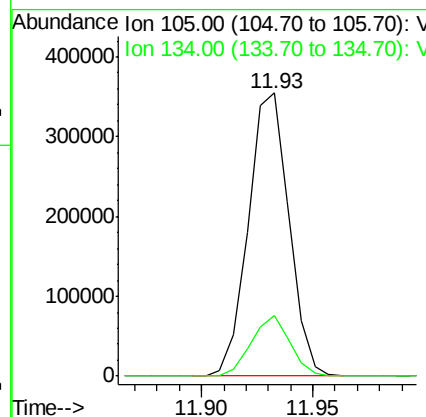
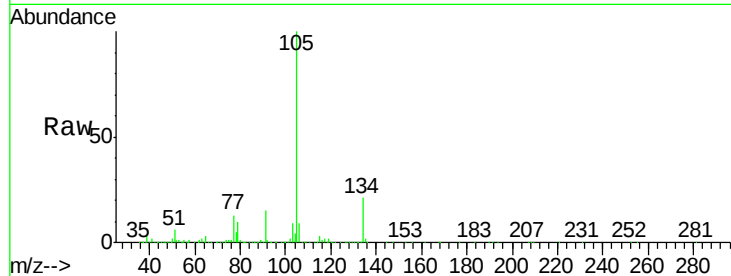
#81
 sec-Butylbenzene
 Concen: 15.527 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	41.8

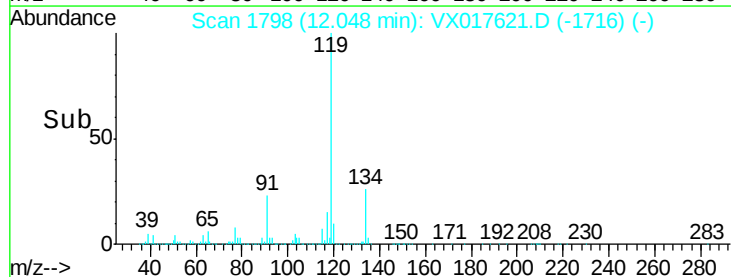
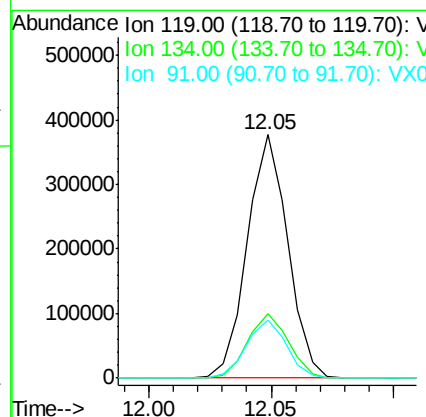
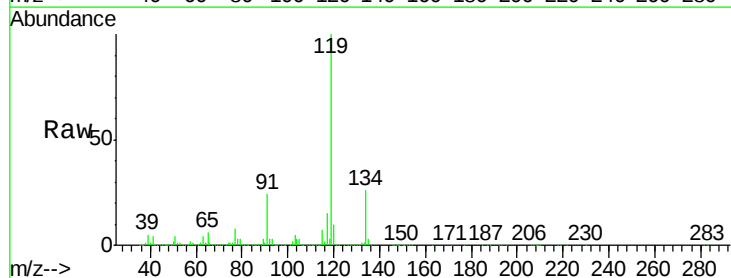
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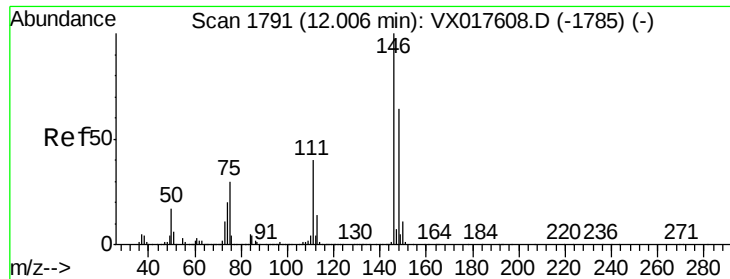
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#82
 p-Isopropyltoluene
 Concen: 15.991 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	52.6
91	23.7	0.0	48.2





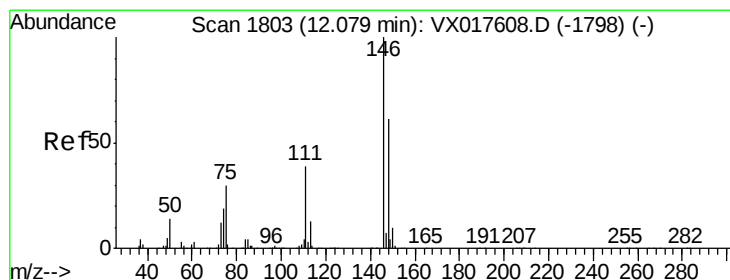
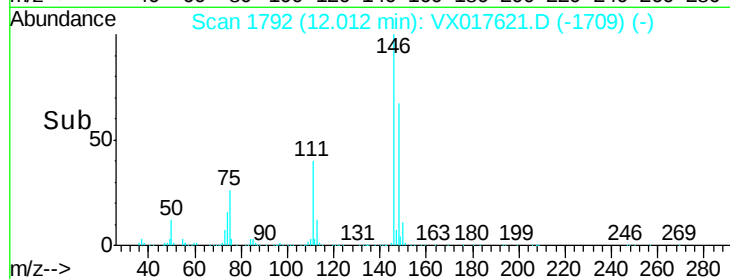
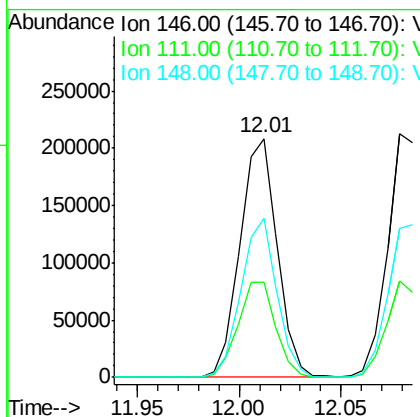
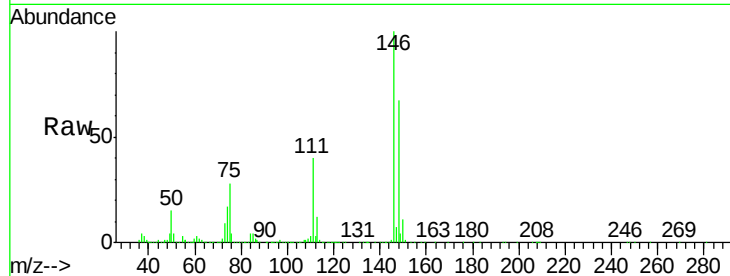
#83
 1,3-Dichlorobenzene
 Concen: 18.568 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		264449		
111	40.7	19.9	59.7		
148	64.1	32.6	98.0		

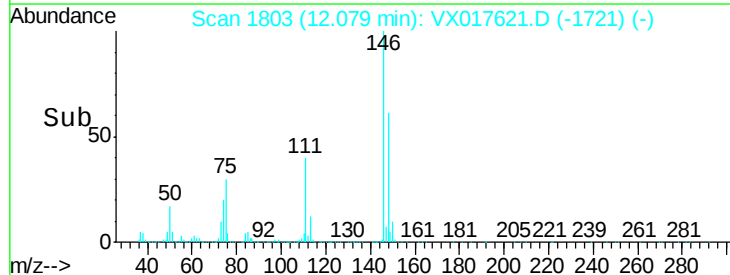
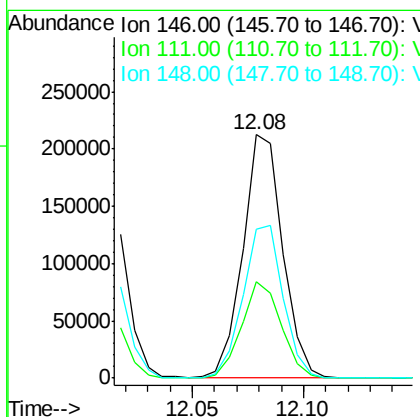
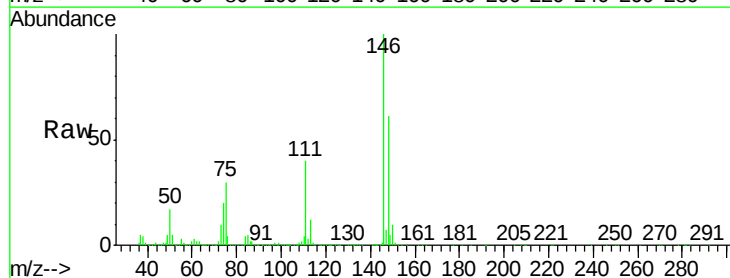
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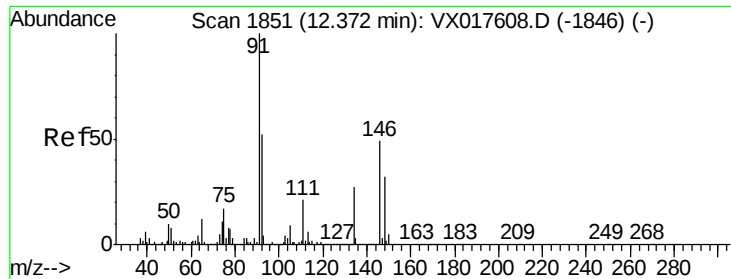
MMDadoda
 7/28/2020 10:31:04 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.806 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017621.D
 Acq: 27 Jul 2020 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		266497		
111	39.1	18.7	56.1		
148	63.2	31.6	94.8		





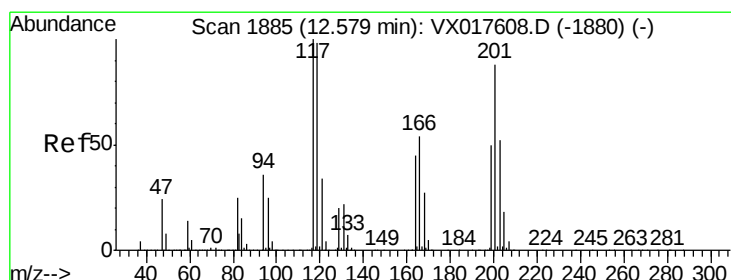
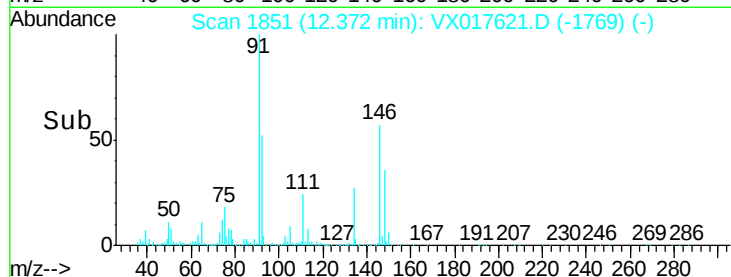
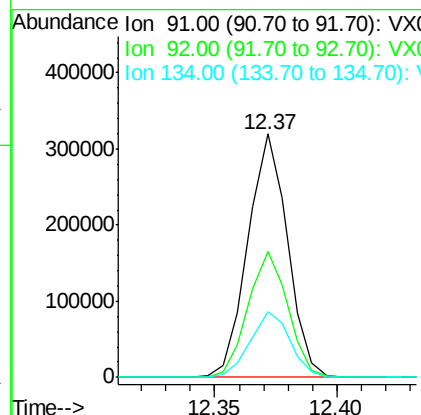
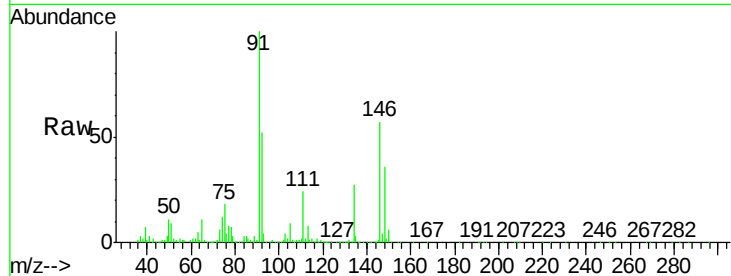
#85
n-Butylbenzene
Concen: 14.021 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	361680		
92	52.0	0.0	104.0	
134	27.1	0.0	55.0	

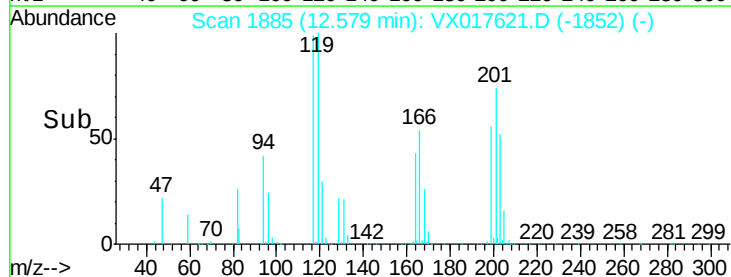
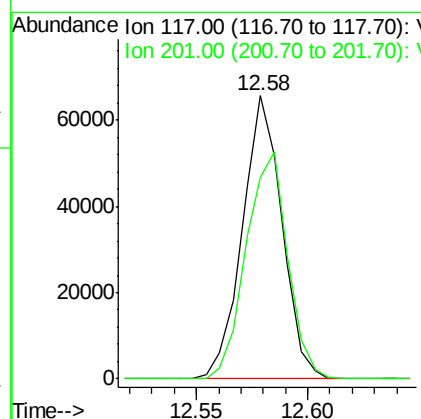
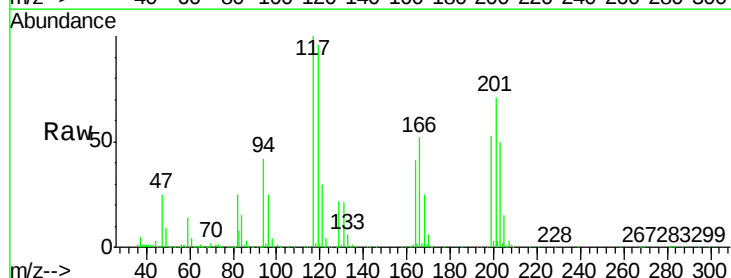
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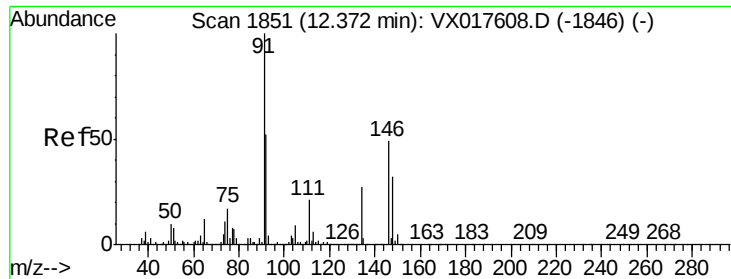
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#86
Hexachloroethane
Concen: 14.491 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81512		
201	83.9	43.1	129.3	





#87

1,2-Dichlorobenzene

Concen: 17.806 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

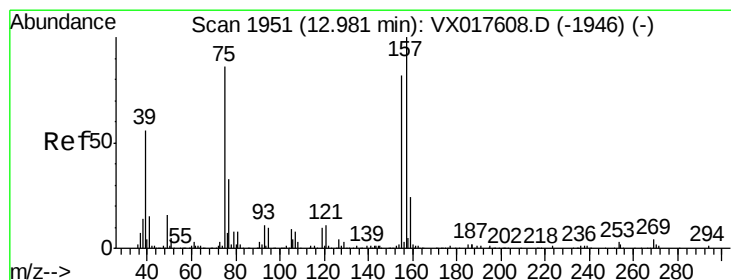
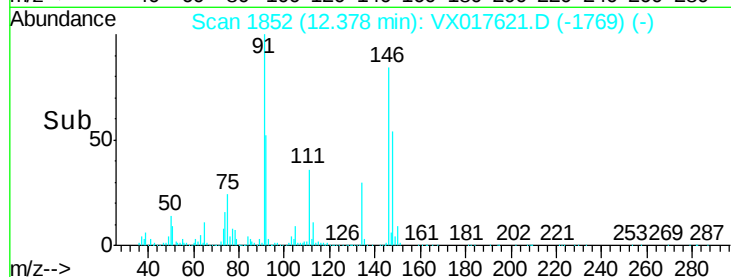
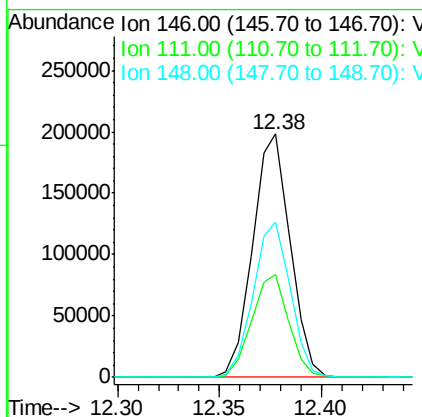
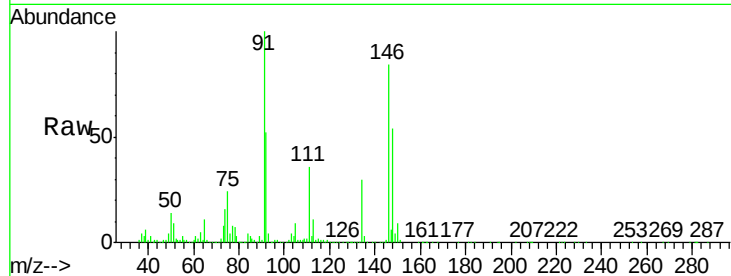
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	63.1	32.3	96.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.431 ug/l

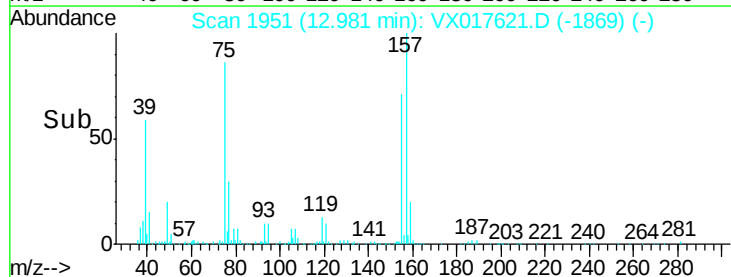
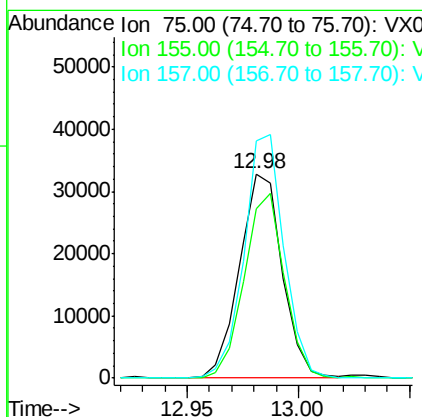
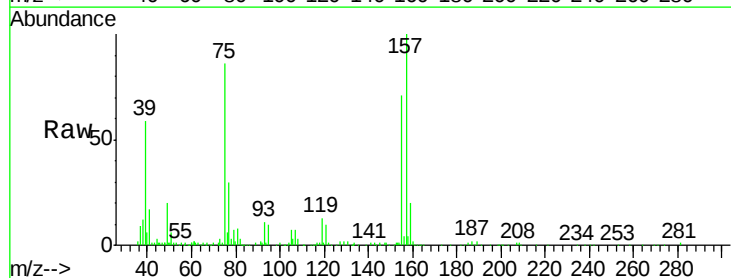
RT: 12.98 min Scan# 1951

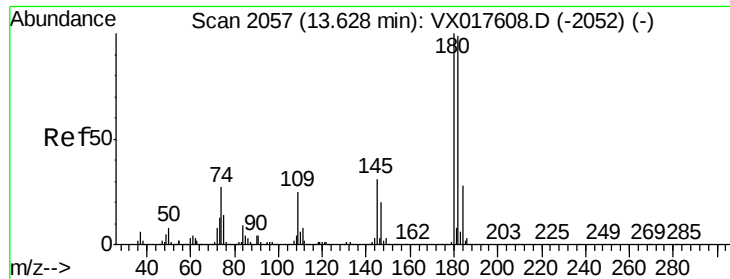
Delta R.T. -0.00 min

Lab File: VX017621.D

Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	69.5	104.3
157	112.7	88.2	132.4





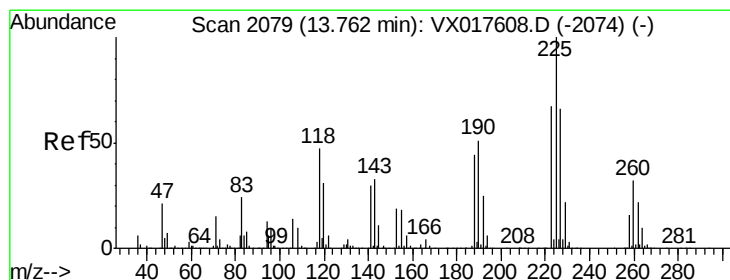
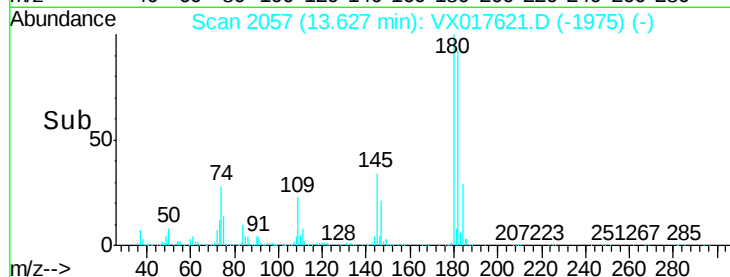
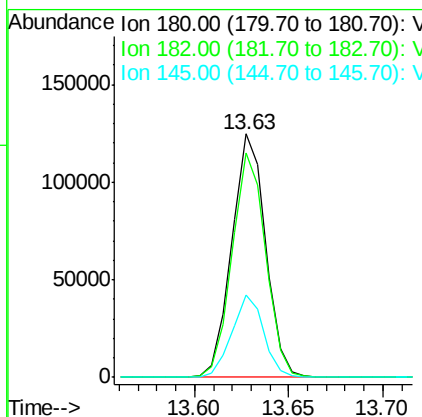
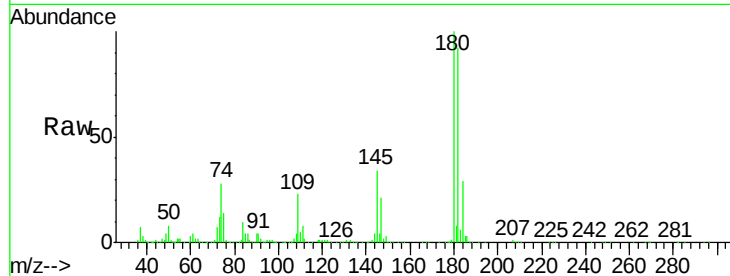
#89
1,2,4-Trichlorobenzene
Concen: 14.832 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.4	116.0
145	32.0	24.9	37.3

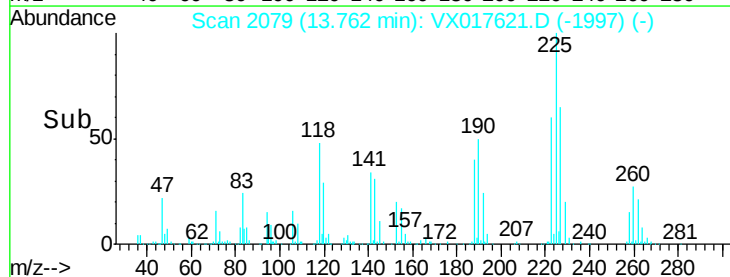
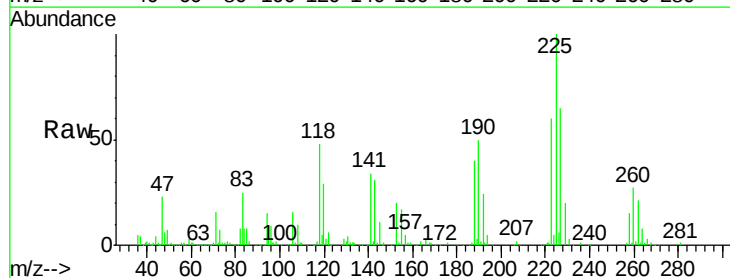
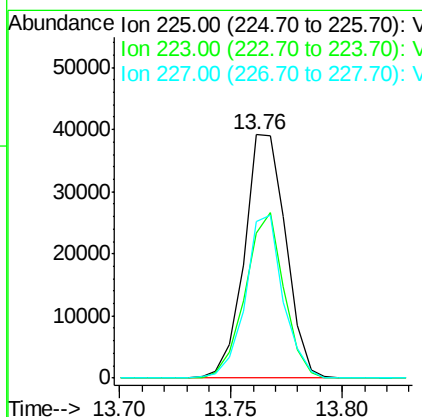
Manual Integrations
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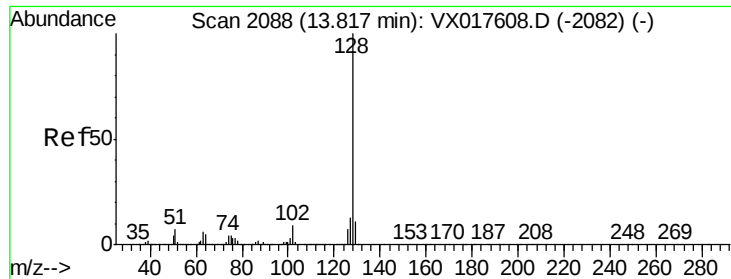
MMDadoda
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#90
Hexachlorobutadiene
Concen: 10.727 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	130.8
227	60.8	0.0	127.2





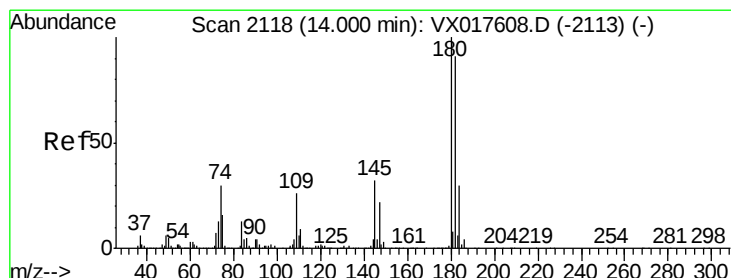
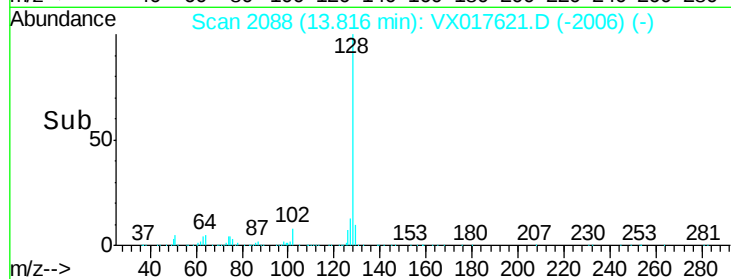
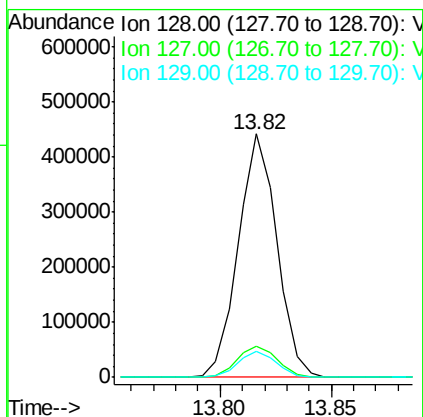
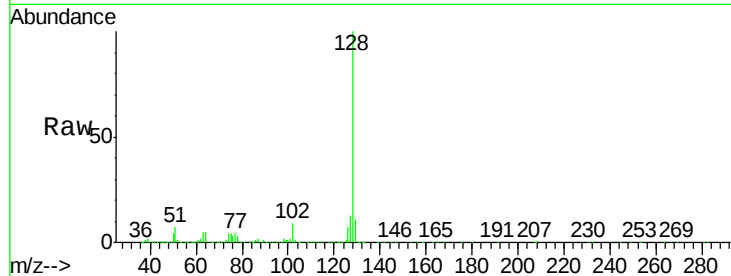
#91
Naphthalene
Concen: 17.272 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:31:04 AM



#92
1,2,3-Trichlorobenzene
Concen: 15.211 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017621.D
Acq: 27 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	0.0	190.2
145	32.8	0.0	63.8

