

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016897.D
 Acq On : 19 Jun 2020 21:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:32 PM

Quant Time: Jun 22 06:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	269819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	461526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177148	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.47	113	130337	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.70	98	503782	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.12	95	209089	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	171674	51.846	ug/l	98
3) Chloromethane	1.31	50	173913	51.798	ug/l	100
4) Vinyl Chloride	1.39	62	198388	52.426	ug/l	100
5) Bromomethane	1.62	94	93736	41.139	ug/l	98
6) Chloroethane	1.71	64	123375	52.936	ug/l	99
7) Trichlorofluoromethane	1.92	101	266116	50.269	ug/l	99
8) Diethyl Ether	2.17	74	108297	52.616	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146762	52.047	ug/l	97
10) Methyl Iodide	2.49	142	101058	37.646	ug/l	97
11) Tert butyl alcohol	3.01	59	147616	269.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	157321	54.561	ug/l	98
13) Acrolein	2.27	56	150115	451.336	ug/l	99
14) Allyl chloride	2.71	41	202928	53.206	ug/l	95
15) Acrylonitrile	3.12	53	352520	280.418	ug/l	99
16) Acetone	2.42	43	356711	302.808	ug/l	99
17) Carbon Disulfide	2.55	76	432131	57.991	ug/l	99
18) Methyl Acetate	2.75	43	172598	57.618	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	443015	53.913	ug/l	100
20) Methylene Chloride	2.84	84	140154	49.613	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137826	50.638	ug/l	97
22) Diisopropyl ether	3.82	45	427338	58.480	ug/l	98
23) Vinyl Acetate	3.79	43	1691466	280.713	ug/l	100
24) 1,1-Dichloroethane	3.67	63	240301	52.645	ug/l	99
25) 2-Butanone	4.64	43	469508	289.597	ug/l	98
26) 2,2-Dichloropropane	4.55	77	193971	45.358	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	158827	51.918	ug/l	99
28) Bromochloromethane	4.98	49	98024	51.741	ug/l	97
29) Tetrahydrofuran	5.09	42	297794	291.653	ug/l	99
30) Chloroform	5.18	83	249302	51.734	ug/l	100
31) Cyclohexane	5.55	56	204560	50.975	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228753	50.155	ug/l	100
36) 1,1-Dichloropropene	5.77	75	218003	55.834	ug/l	99
37) Ethyl Acetate	4.79	43	182405	52.873	ug/l	99
38) Carbon Tetrachloride	5.76	117	232050	52.967	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	200247	44.108	ug/l	98
40) Benzene	6.12	78	661921	56.498	ug/l	99
41) Methacrylonitrile	5.01	41	100388	53.601	ug/l	99
42) 1,2-Dichloroethane	6.16	62	232222	55.702	ug/l	100
43) Isopropyl Acetate	6.41	43	373322	61.968	ug/l	99
44) Trichloroethene	7.19	130	165680	46.176	ug/l	97
45) 1,2-Dichloropropane	7.49	63	143023	48.561	ug/l	98
46) Dibromomethane	7.64	93	97836	48.984	ug/l	99
47) Bromodichloromethane	7.88	83	203324	47.864	ug/l	98
48) Methyl methacrylate	7.74	41	146195	51.534	ug/l	98
49) 1,4-Dioxane	7.71	88	65213	1026.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	919671	253.810	ug/l	99
52) Toluene	8.76	92	368892	47.464	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228463	48.921	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	242452	48.529	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	148279	50.531	ug/l	98
56) Ethyl methacrylate	9.16	69	231349	54.460	ug/l	98
57) 1,3-Dichloropropane	9.35	76	244826	49.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	551941	279.231	ug/l	98
59) 2-Hexanone	9.48	43	700609	267.002	ug/l	100
60) Dibromochloromethane	9.57	129	203997	57.950	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180458	56.667	ug/l	99
64) Tetrachloroethene	9.32	164	167994	39.308	ug/l	99
65) Chlorobenzene	10.12	112	485487	51.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	183048	50.536	ug/l	98
67) Ethyl Benzene	10.24	91	812379	51.519	ug/l	100
68) m/p-Xylenes	10.34	106	628926	102.496	ug/l	99
69) o-Xylene	10.68	106	301550	53.148	ug/l	98
70) Styrene	10.70	104	534360	55.430	ug/l	99
71) Bromoform	10.84	173	158041	51.897	ug/l #	99
73) Isopropylbenzene	11.01	105	786646	57.091	ug/l	100
74) N-amyl acetate	10.88	43	335553	69.741	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	204550	52.574	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	202716m	51.866	ug/l	
77) Bromobenzene	11.24	156	190463	50.685	ug/l	99
78) n-propylbenzene	11.34	91	791554	51.475	ug/l	100
79) 2-Chlorotoluene	11.40	91	478815	50.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	601740	50.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80026	50.141	ug/l	98
82) 4-Chlorotoluene	11.49	91	559781	49.594	ug/l	99
83) tert-Butylbenzene	11.76	119	568439	48.326	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	617859	50.453	ug/l	97
85) sec-Butylbenzene	11.93	105	649847	47.570	ug/l	99
86) p-Isopropyltoluene	12.05	119	622977	49.772	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338059	49.241	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330546	47.607	ug/l	99
89) n-Butylbenzene	12.37	91	493535	45.982	ug/l	100
90) Hexachloroethane	12.58	117	109830	48.712	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	314498	47.452	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49533	53.693	ug/l	98

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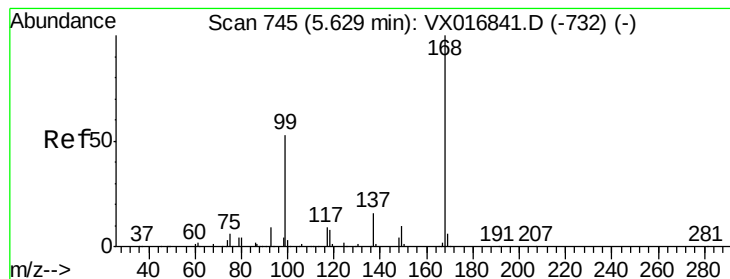
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221111	49.682	ug/l	100
94) Hexachlorobutadiene	13.77	225	73904	36.800	ug/l	98
95) Naphthalene	13.82	128	719405	55.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	220618	49.708	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 269819

Ion Ratio Lower Upper

168 100

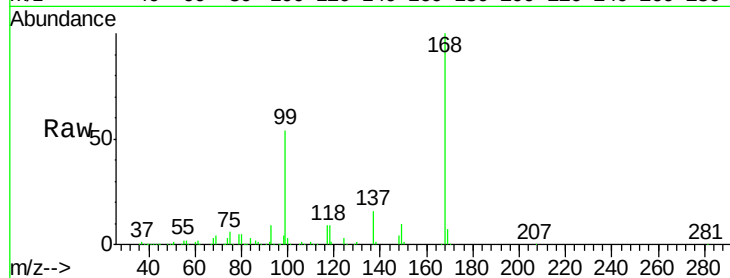
99 53.7 42.2 63.2

Manual Integrations

APPROVED

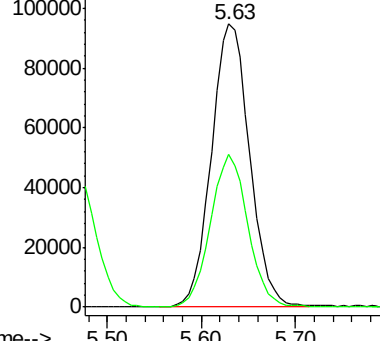
MMDadoda

6/22/2020 12:23:32 PM

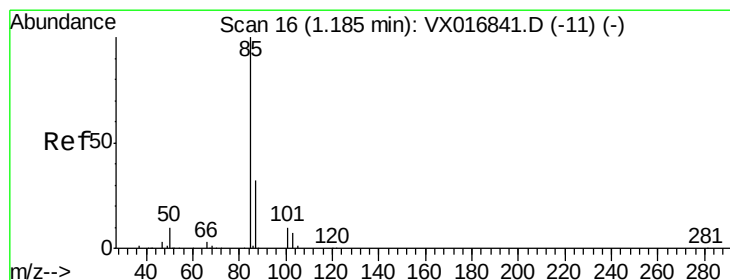
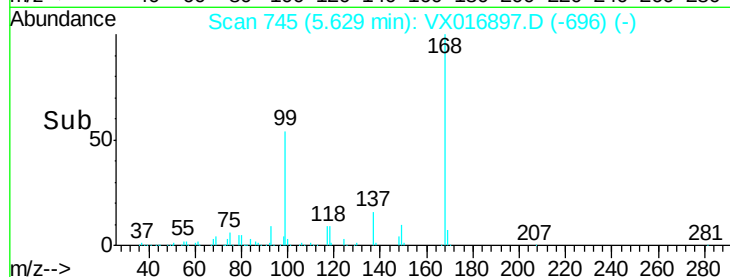


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 51.846 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016897.D

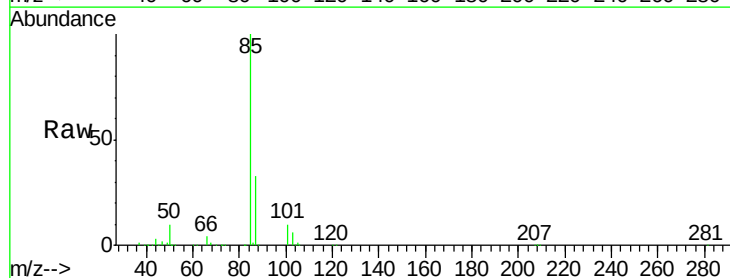
Acq: 19 Jun 2020 21:55

Tgt Ion: 85 Resp: 171674

Ion Ratio Lower Upper

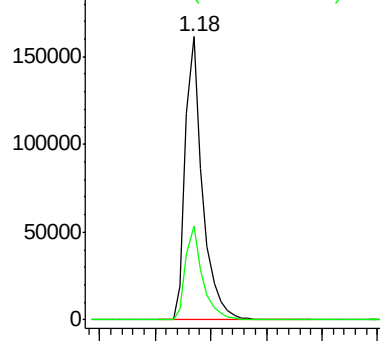
85 100

87 33.1 16.0 47.9

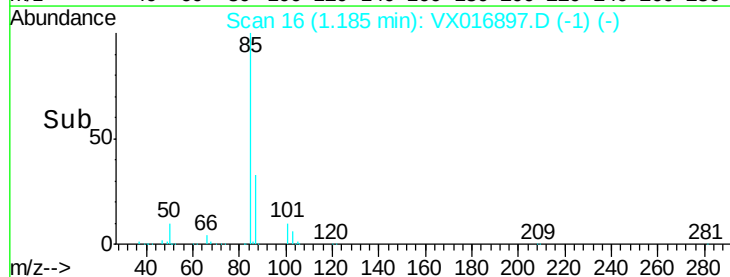


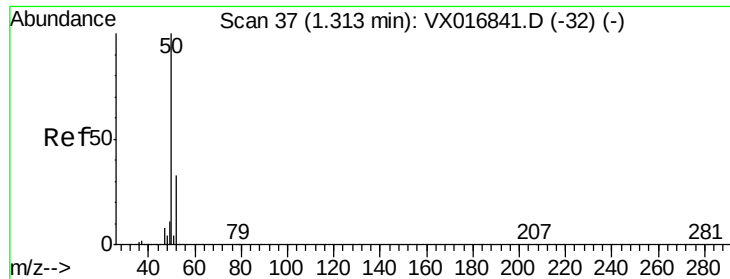
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 51.798 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173913

Ion Ratio Lower Upper

50 100

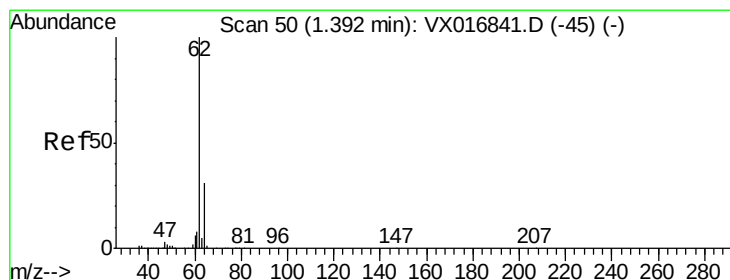
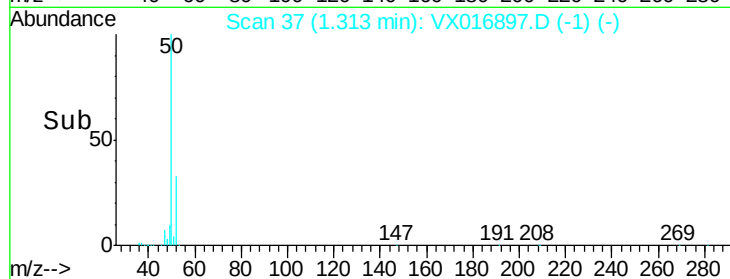
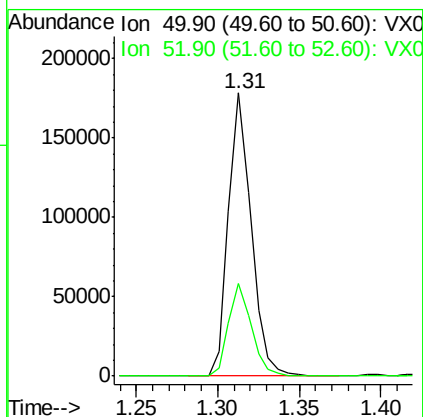
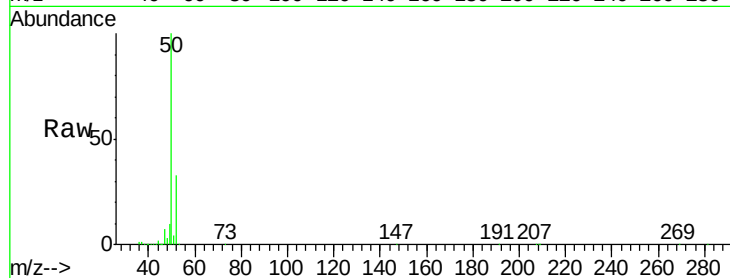
52 32.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.426 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016897.D

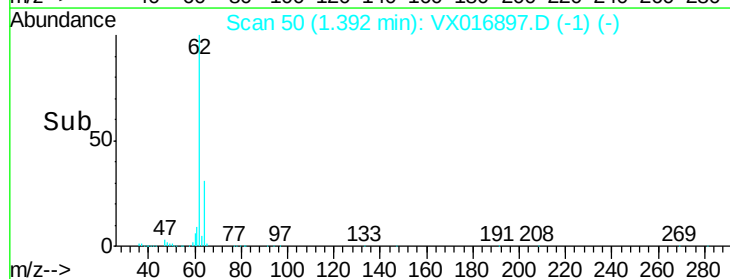
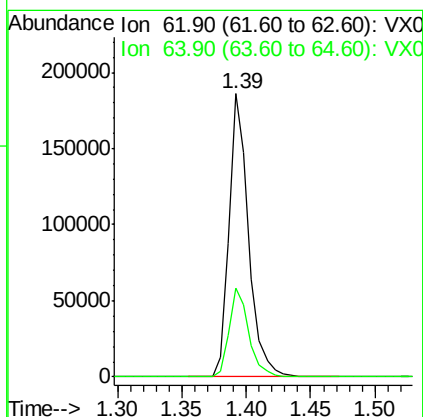
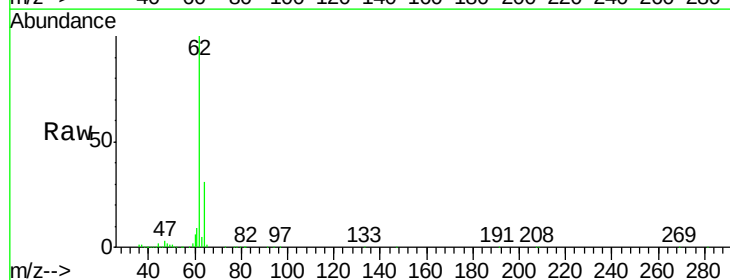
Acq: 19 Jun 2020 21:55

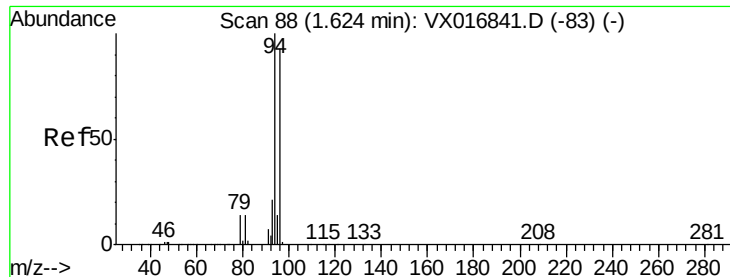
Tgt Ion: 62 Resp: 198388

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 41.139 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 93736

Ion Ratio Lower Upper

94 100

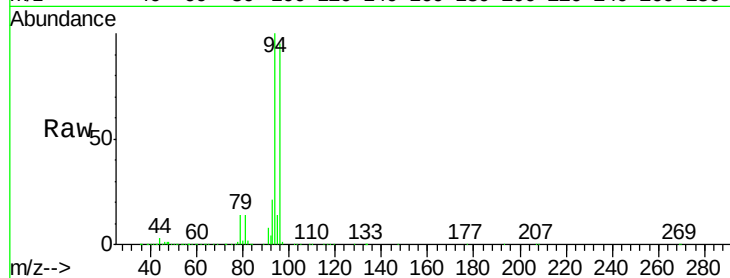
96 95.2 74.4 111.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

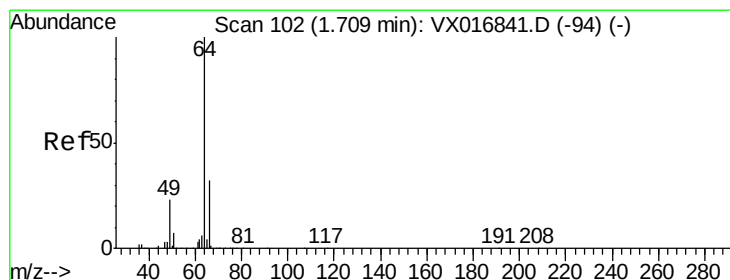
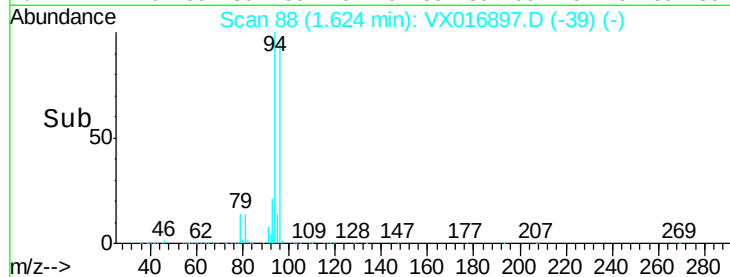
40000

20000

0

1.60 1.70

Time-->



#6

Chloroethane

Concen: 52.936 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016897.D

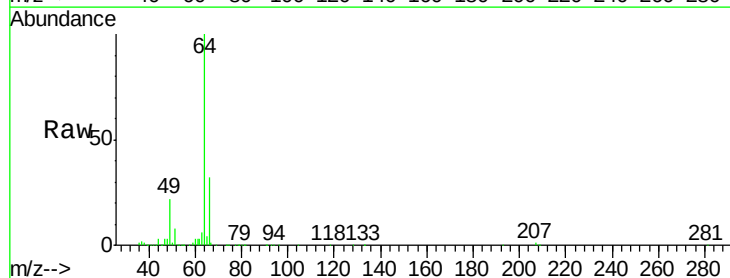
Acq: 19 Jun 2020 21:55

Tgt Ion: 64 Resp: 123375

Ion Ratio Lower Upper

64 100

66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

60000

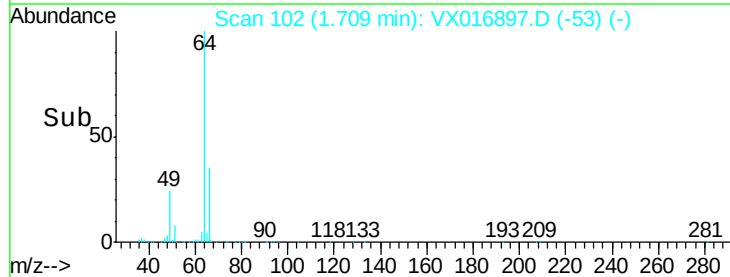
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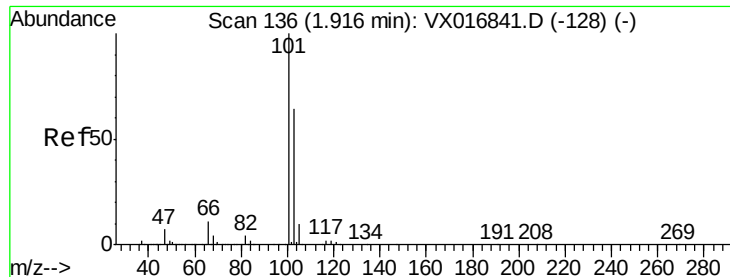
20000

0

1.60 1.70 1.80

Time-->





#7

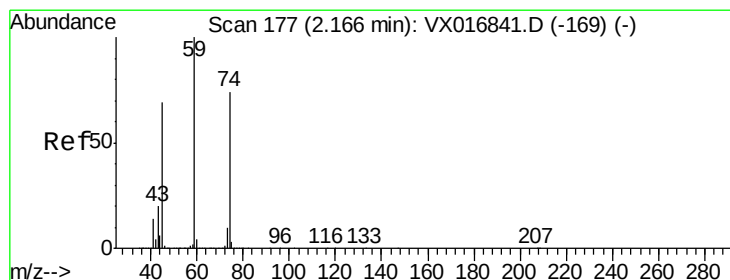
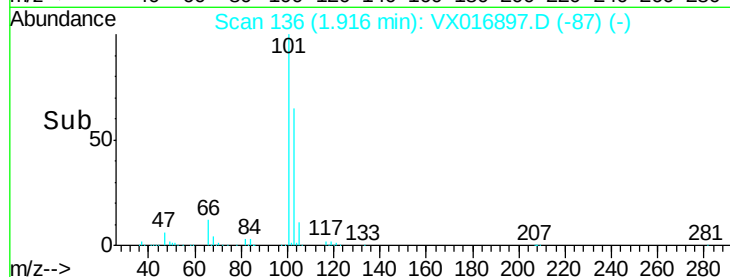
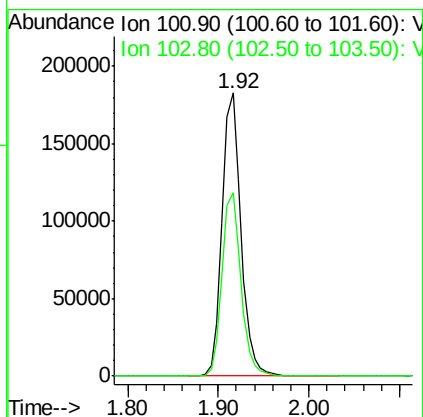
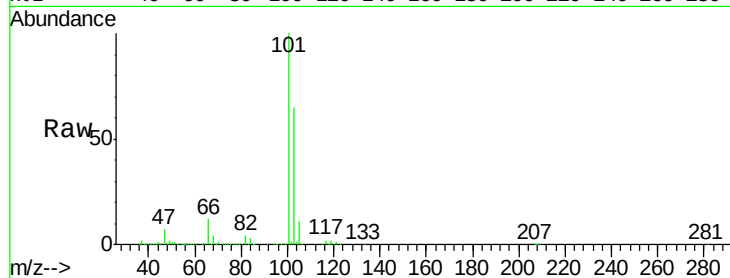
Trichlorofluoromethane
Concen: 50.269 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.2	76.8

Manual Integrations
APPROVED

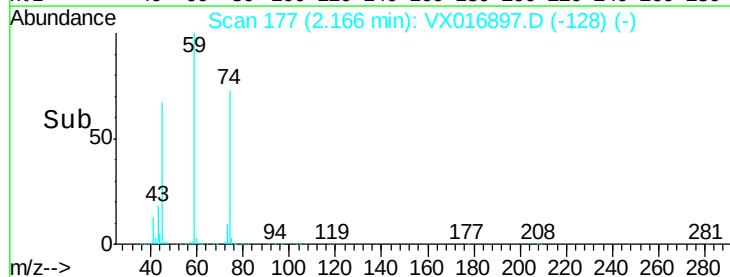
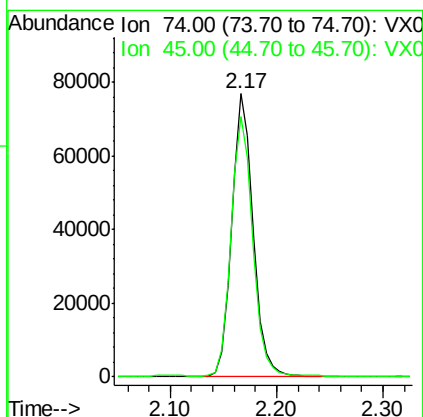
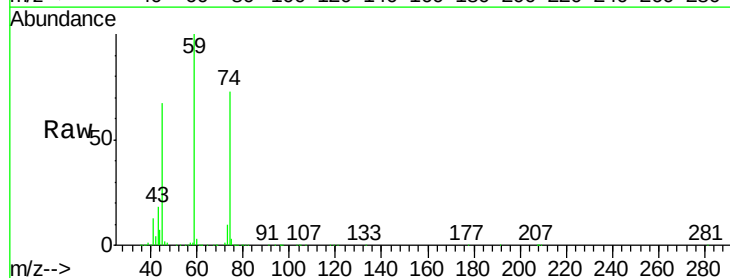
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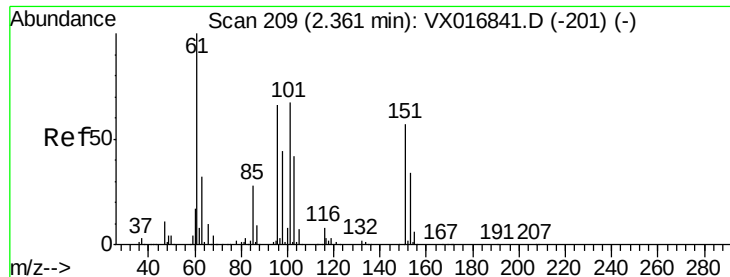


#8

Diethyl Ether
Concen: 52.616 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.047 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

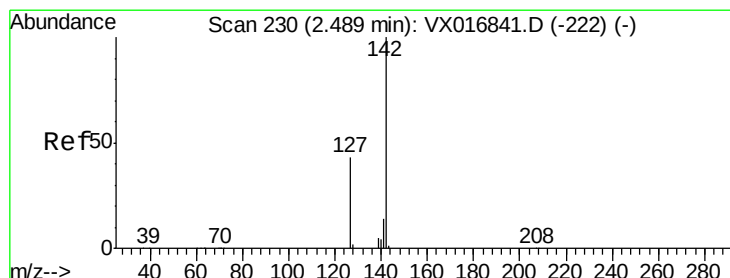
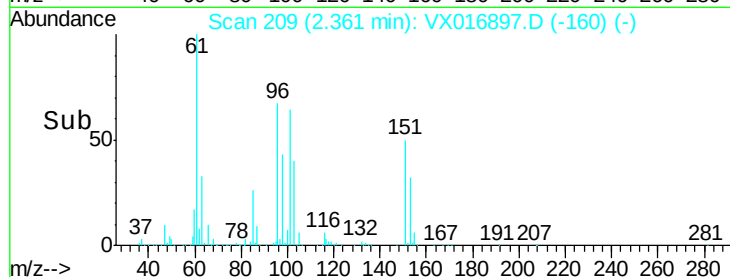
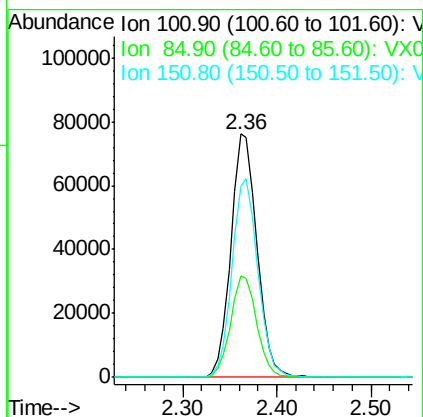
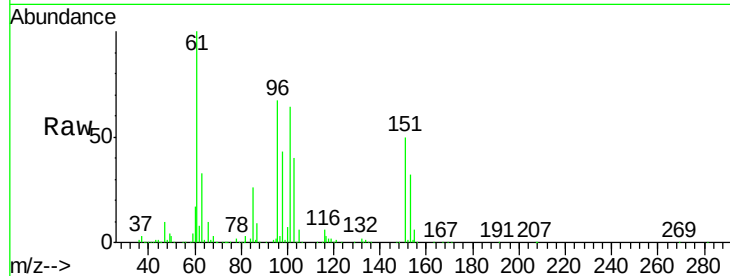
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	146762
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.3	51.5
151	80.9	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 37.646 ug/l

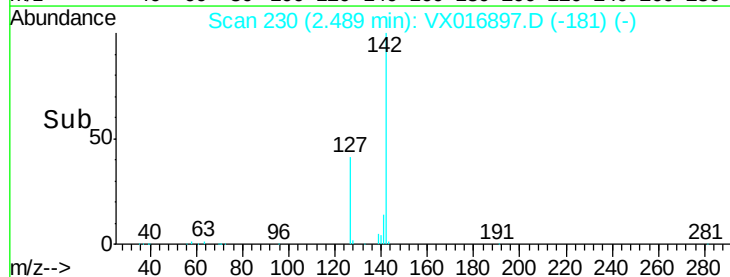
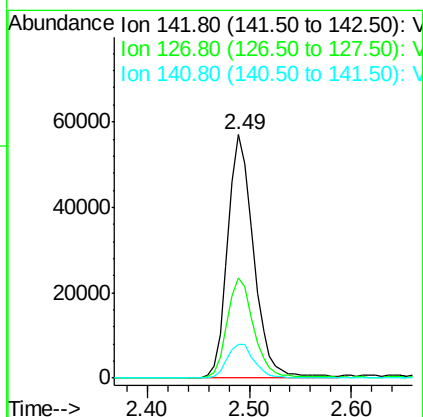
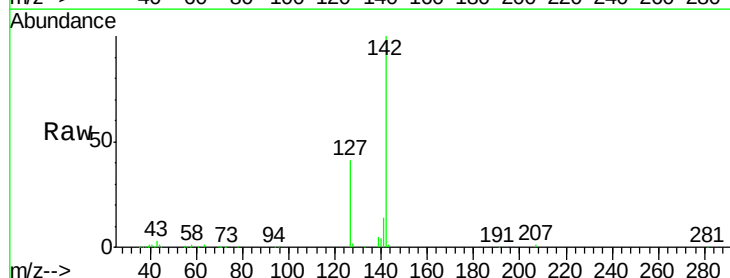
RT: 2.49 min Scan# 230

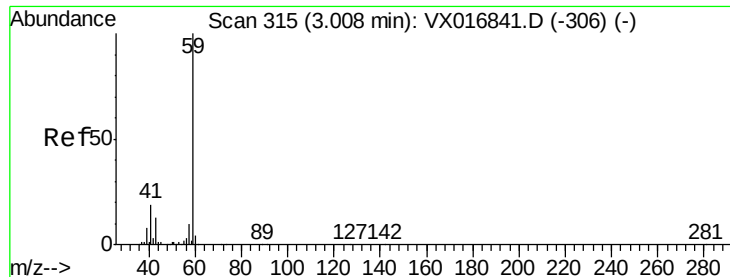
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	142	Resp:	101058
Ion Ratio	Lower	Upper	
142	100		
127	42.0	35.1	52.7
141	14.9	11.6	17.4





#11

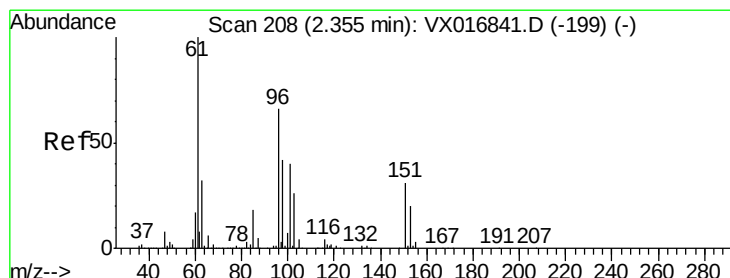
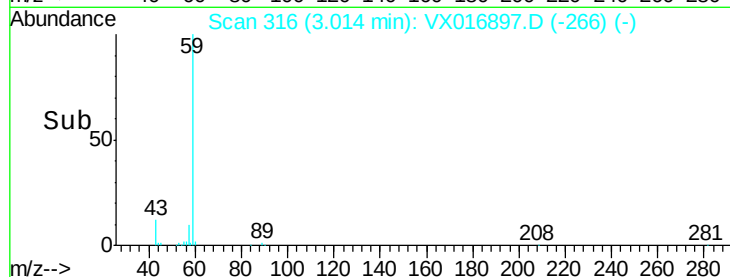
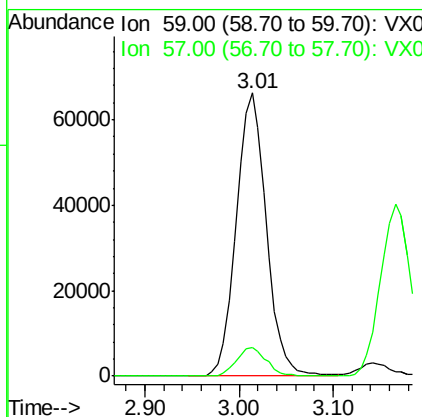
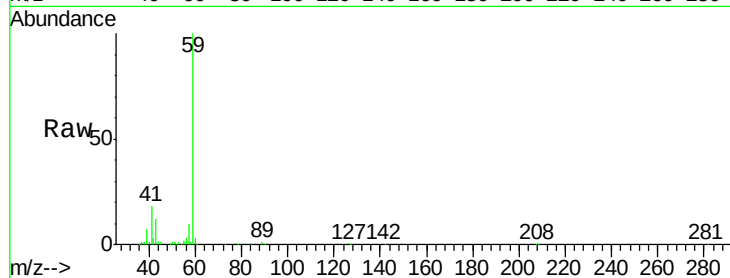
Tert butyl alcohol
Concen: 269.087 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

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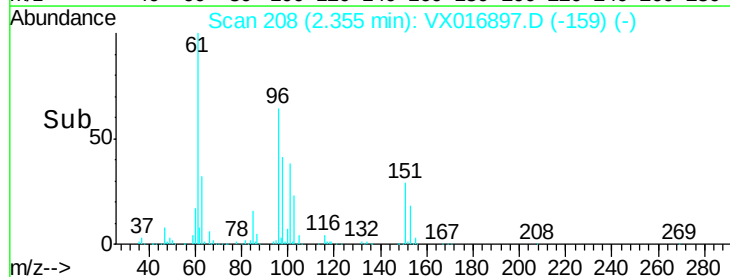
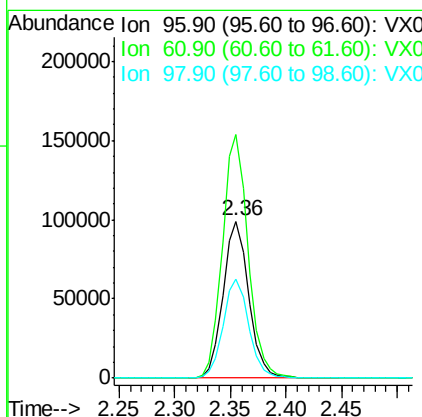
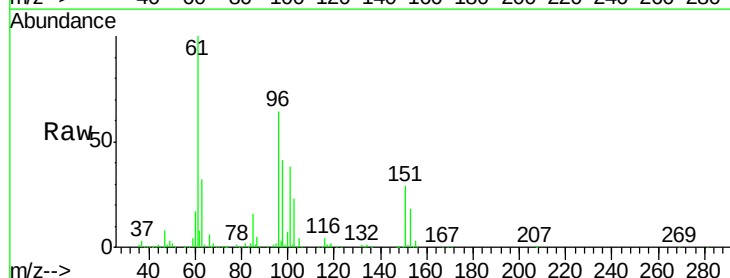
MMDadoda
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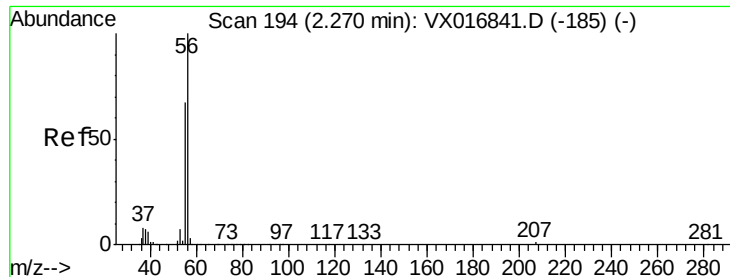


#12

1,1-Dichloroethene
Concen: 54.561 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	121.7	182.5
98	63.1	51.1	76.7





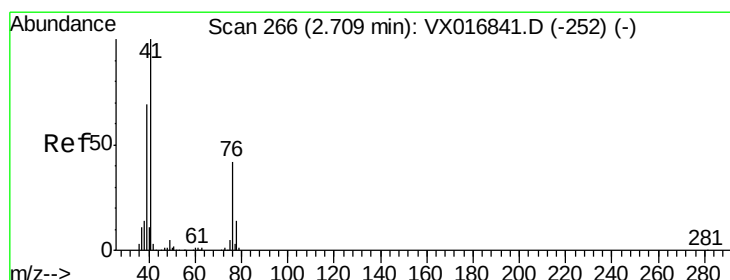
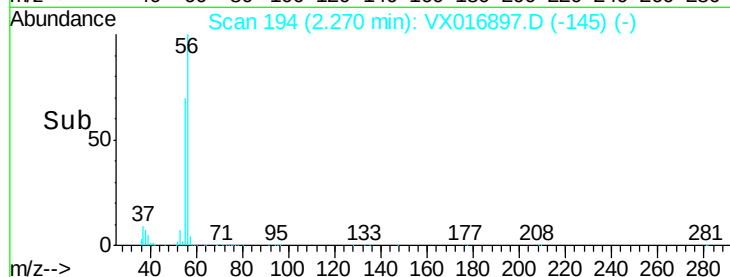
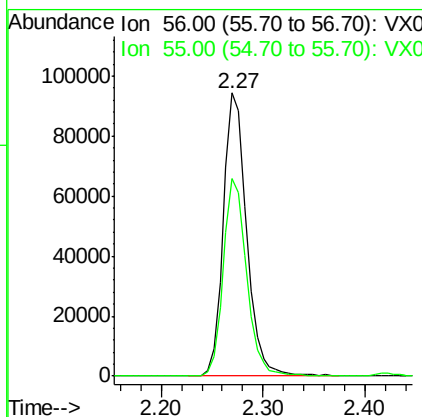
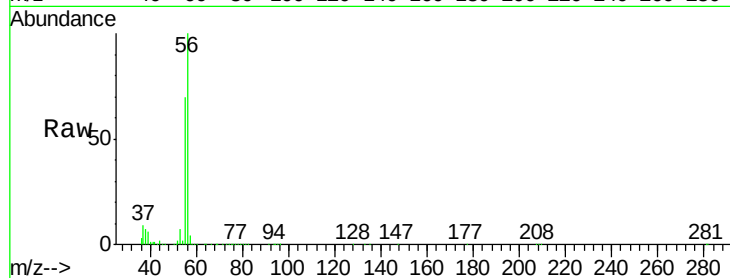
#13
Acrolein
Concen: 451.336 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.2	55.7	83.5

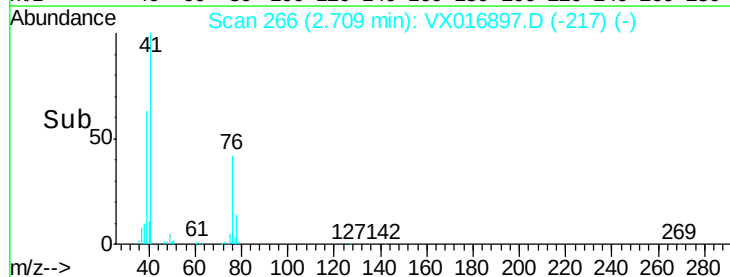
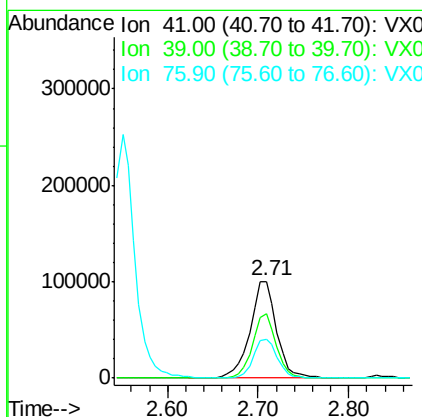
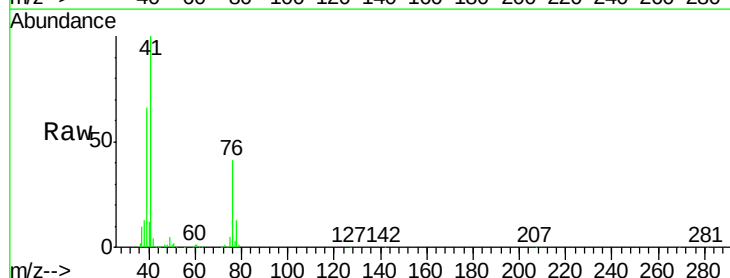
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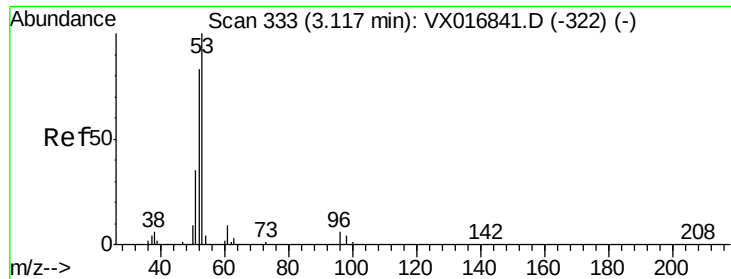
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#14
Allyl chloride
Concen: 53.206 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.3	50.7	76.1
76	36.5	30.9	46.3





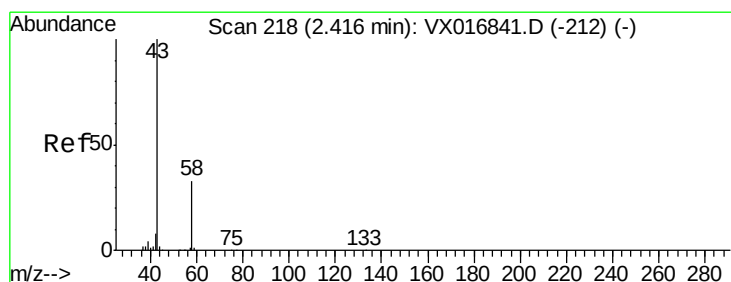
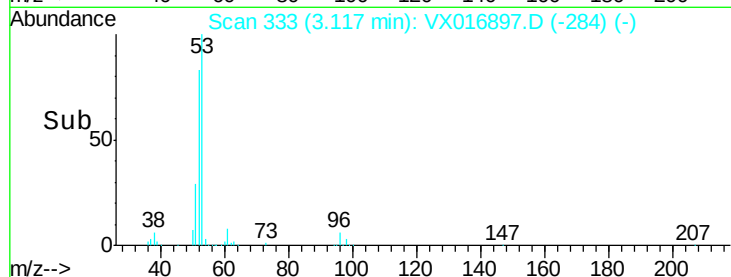
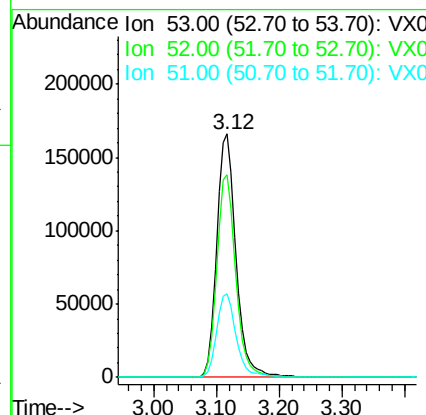
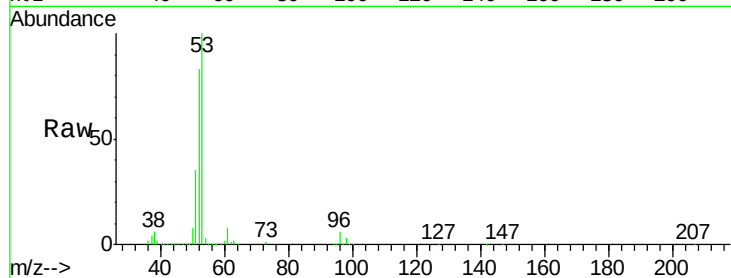
#15
 Acrylonitrile
 Concen: 280.418 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.2	28.7	43.1

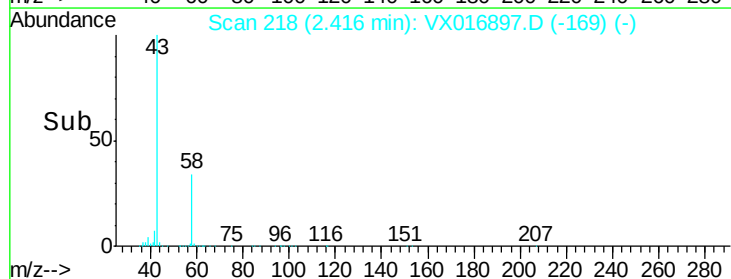
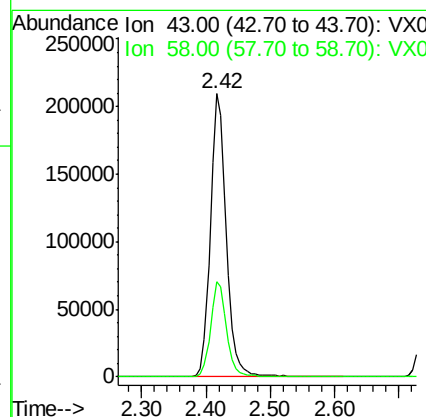
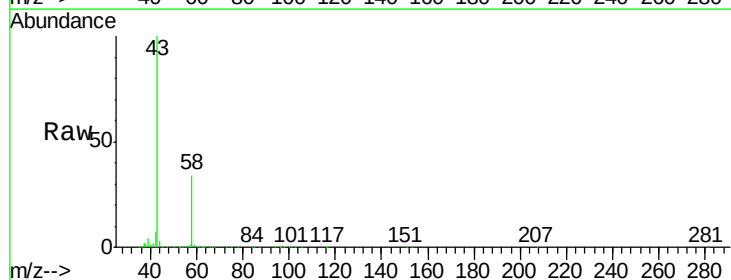
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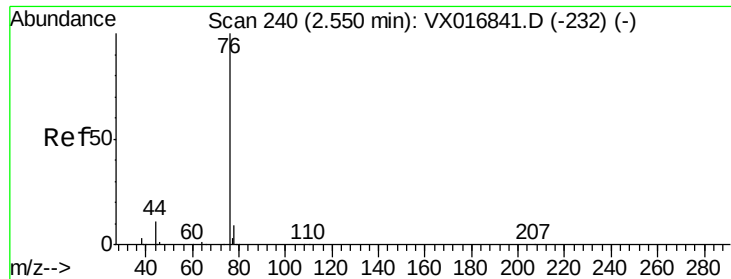
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#16
 Acetone
 Concen: 302.808 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.6	39.8





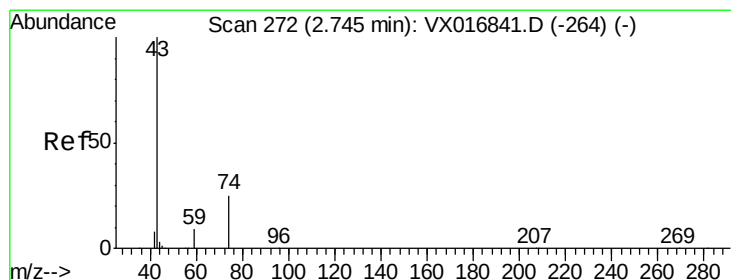
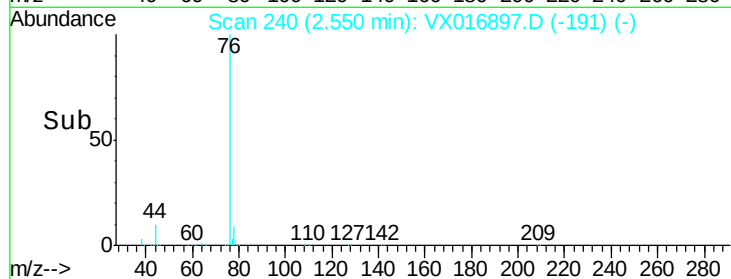
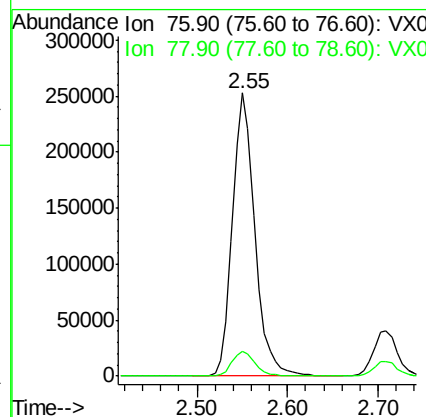
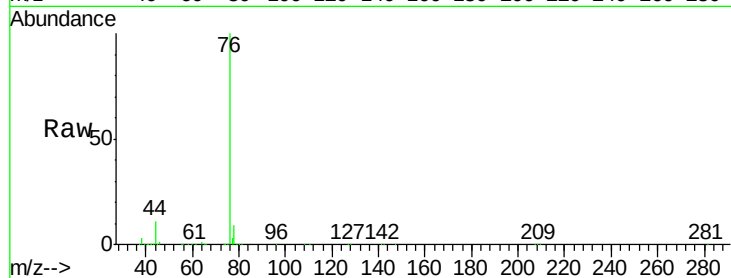
#17
Carbon Disulfide
Concen: 57.991 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

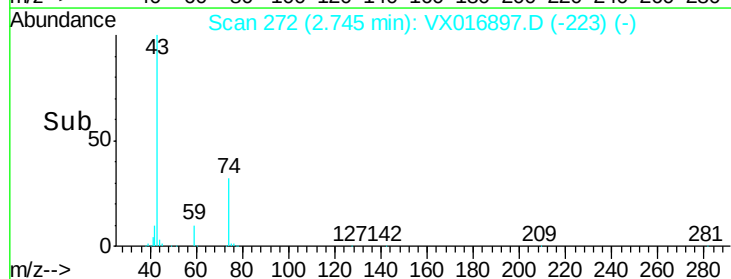
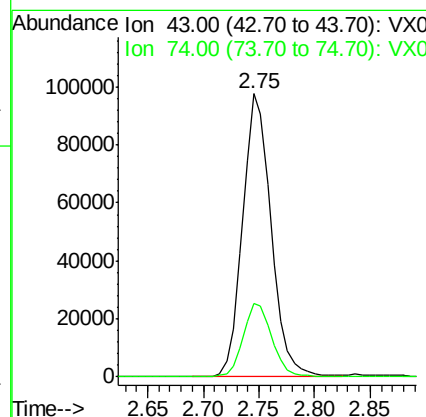
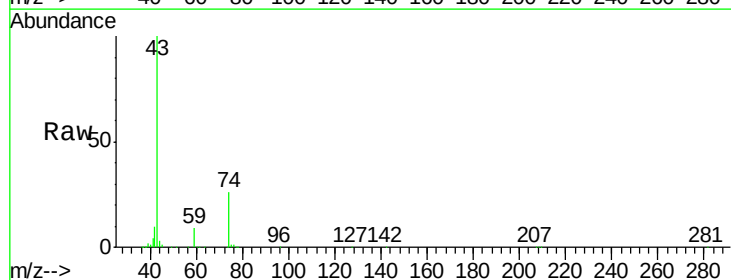
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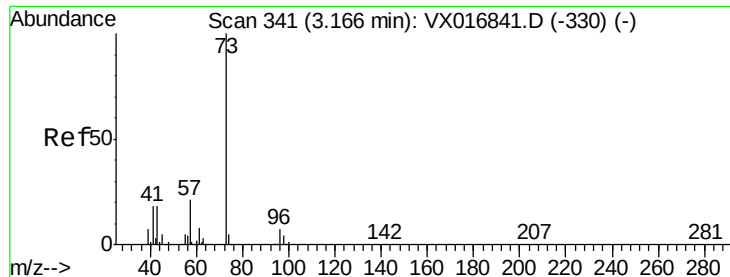
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#18
Methyl Acetate
Concen: 57.618 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.8	32.8





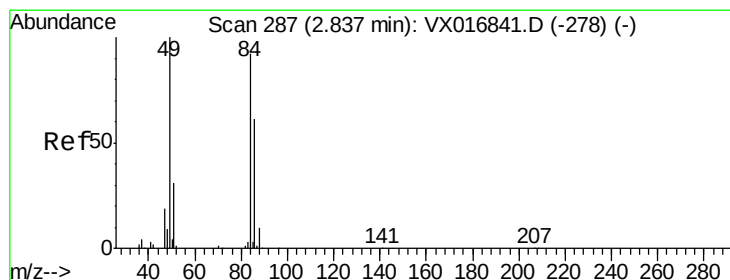
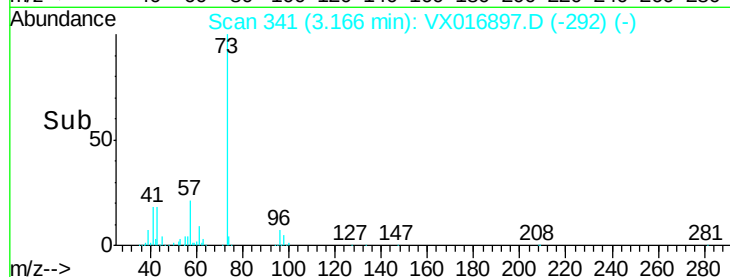
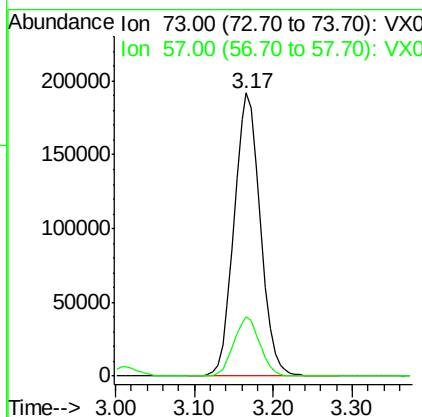
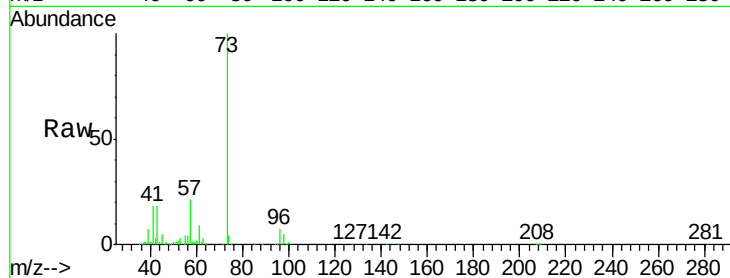
#19
Methyl tert-butyl Ether
Concen: 53.913 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.9	25.3

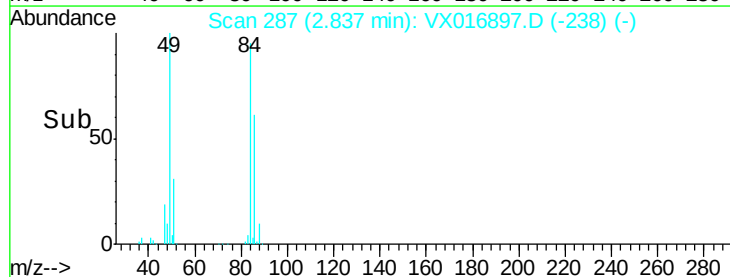
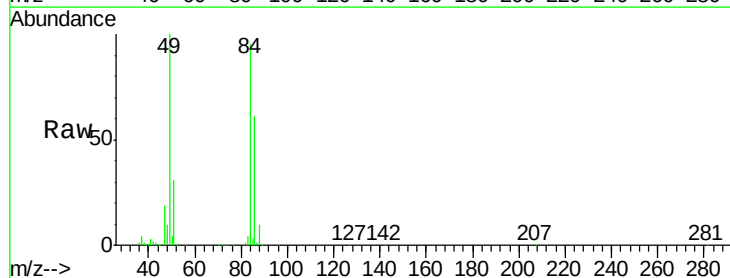
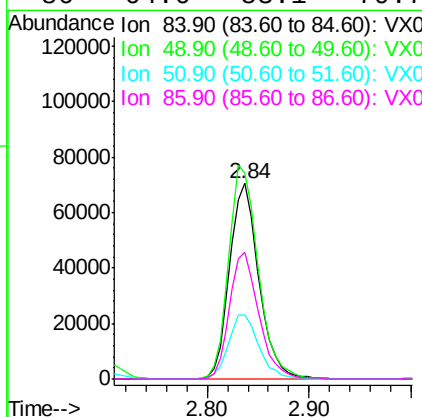
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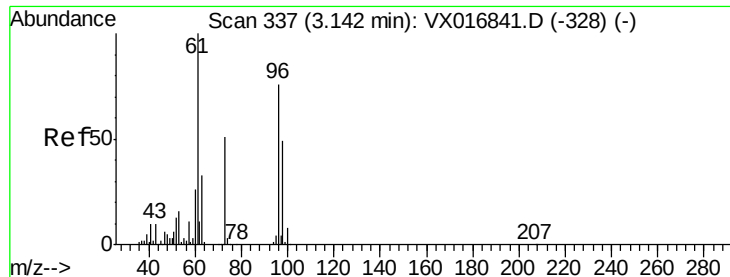
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#20
Methylene Chloride
Concen: 49.613 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.5	86.6	129.8
51	32.9	27.1	40.7
86	64.6	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 50.638 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

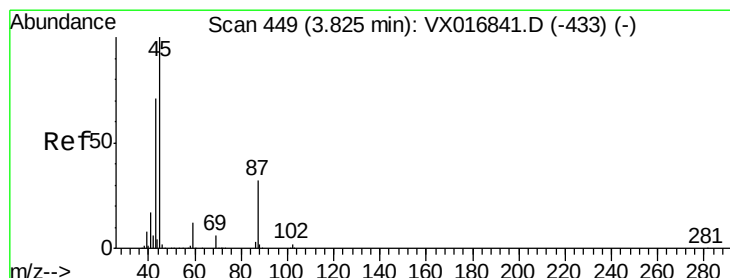
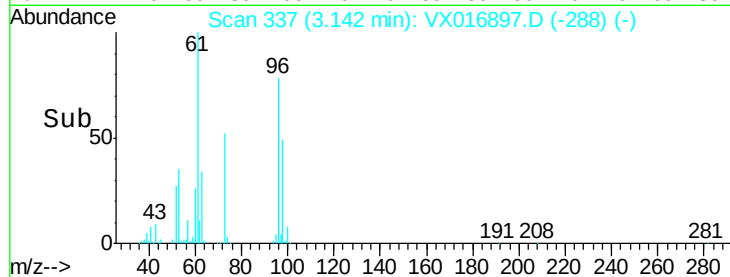
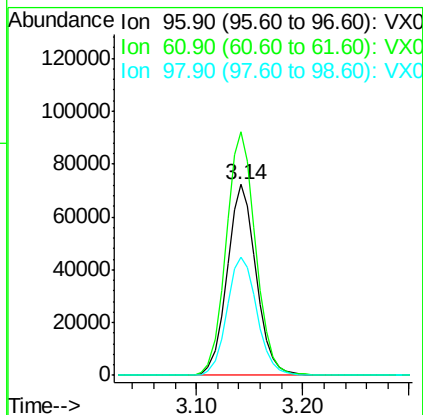
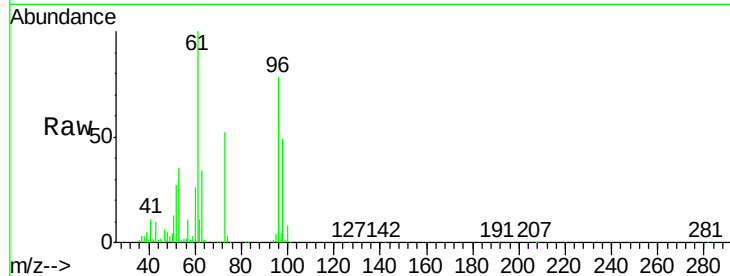
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	137826
Ion	Ratio	Lower	Upper
96	100		
61	127.4	105.4	158.0
98	61.9	51.3	76.9

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#22

Diisopropyl ether

Concen: 58.480 ug/l

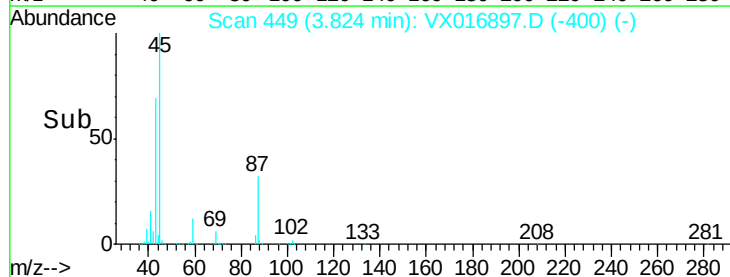
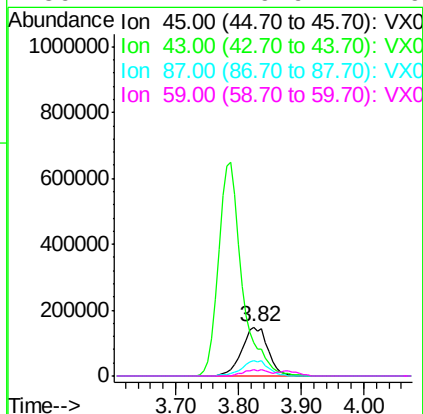
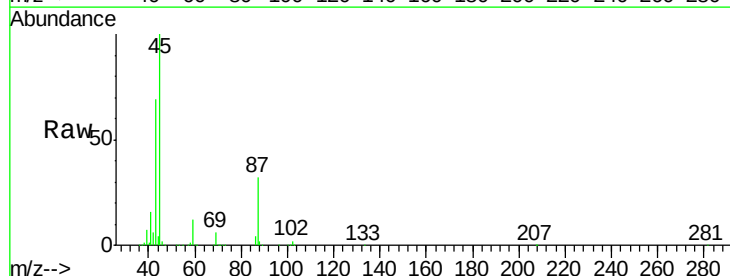
RT: 3.82 min Scan# 449

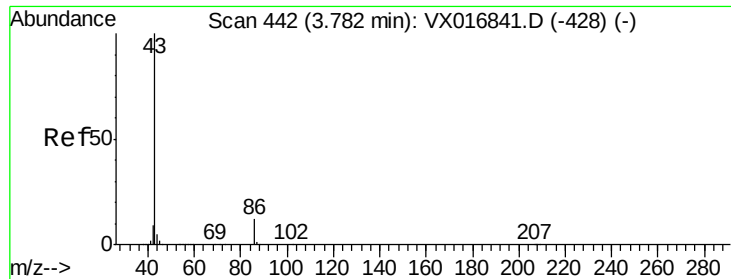
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	45	Resp:	427338
Ion	Ratio	Lower	Upper
45	100		
43	68.6	57.0	85.4
87	31.5	25.2	37.8
59	12.1	9.9	14.9





#23

Vinyl Acetate

Concen: 280.713 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1691466

Ion Ratio Lower Upper

43 100

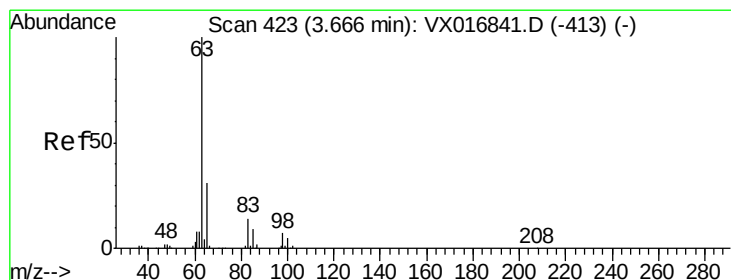
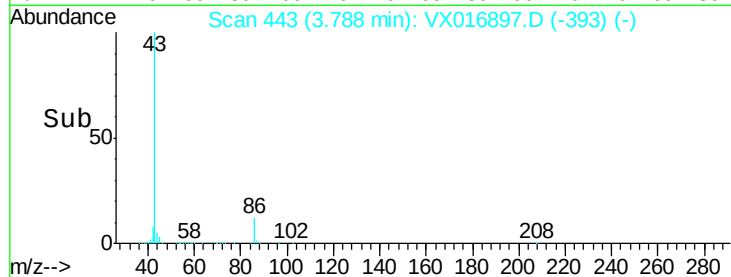
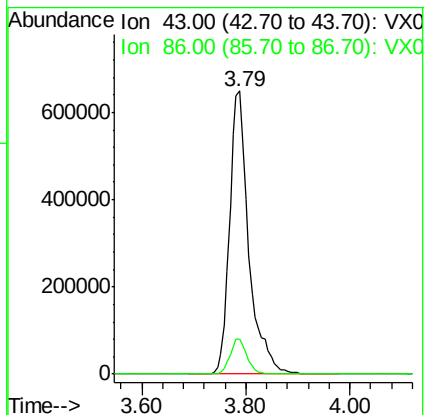
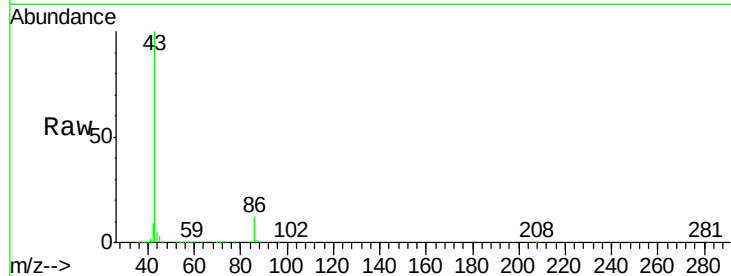
86 12.2 9.9 14.9

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#24

1,1-Dichloroethane

Concen: 52.645 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

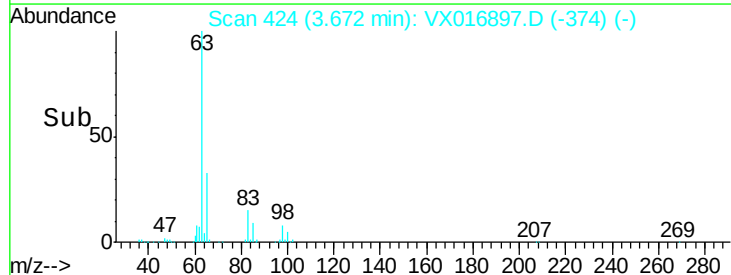
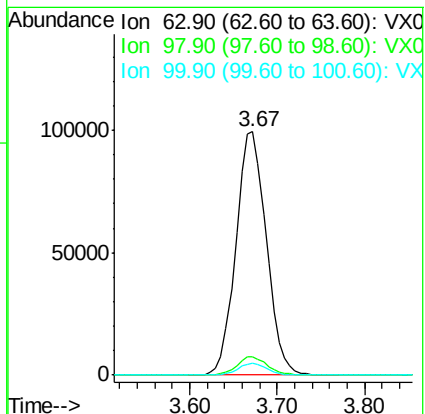
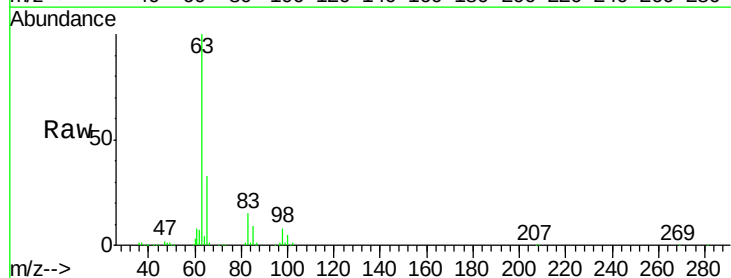
Tgt Ion: 63 Resp: 240301

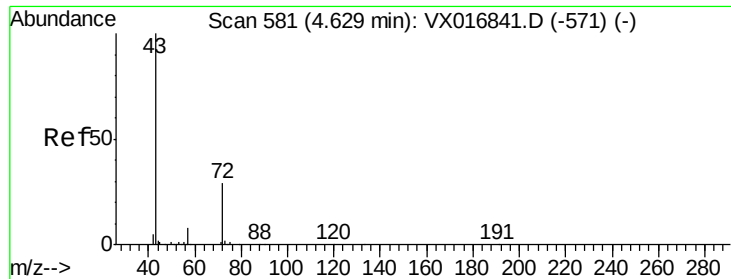
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 289.597 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 469508

Ion Ratio Lower Upper

43 100

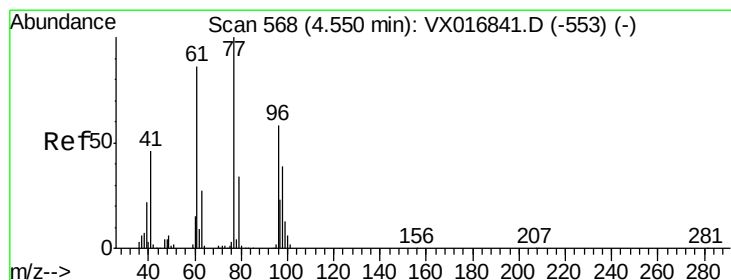
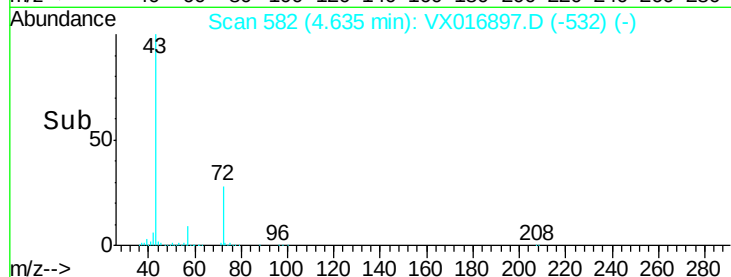
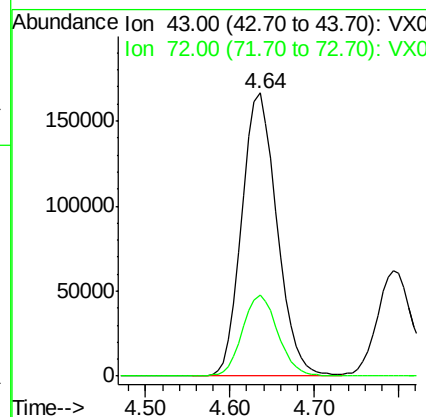
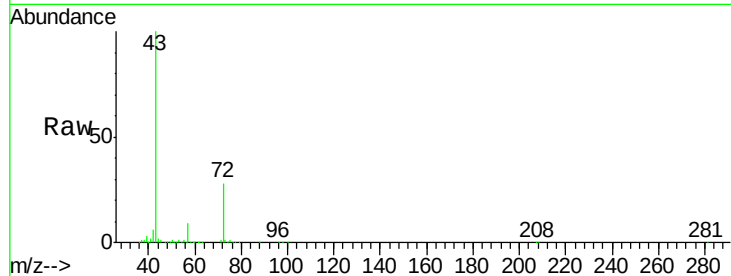
72 28.2 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.358 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016897.D

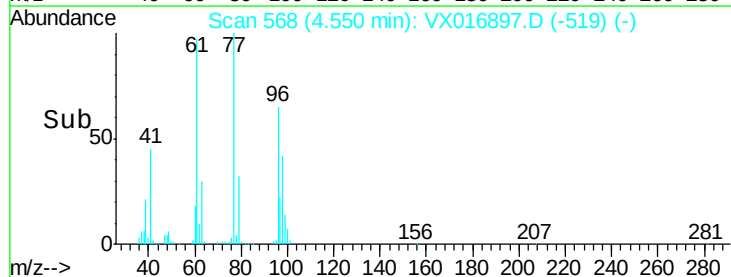
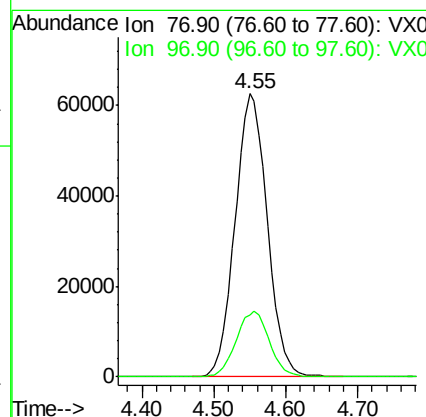
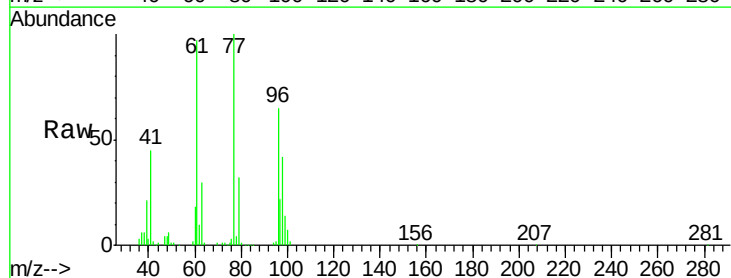
Acq: 19 Jun 2020 21:55

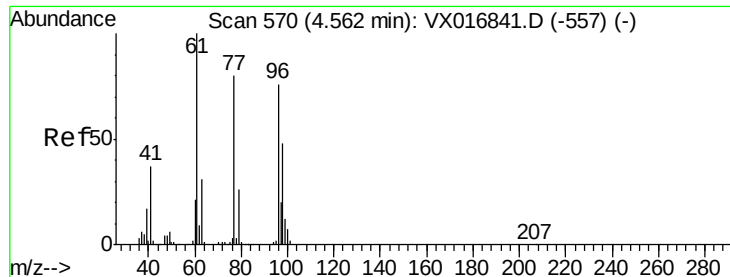
Tgt Ion: 77 Resp: 193971

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7





#27

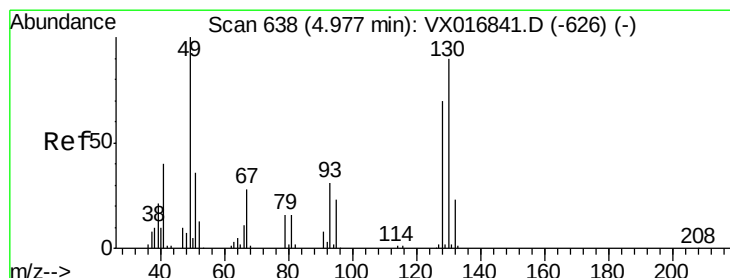
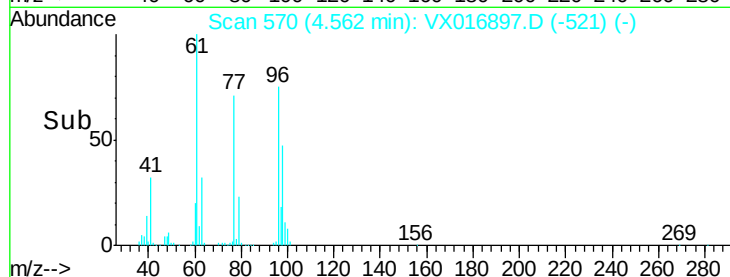
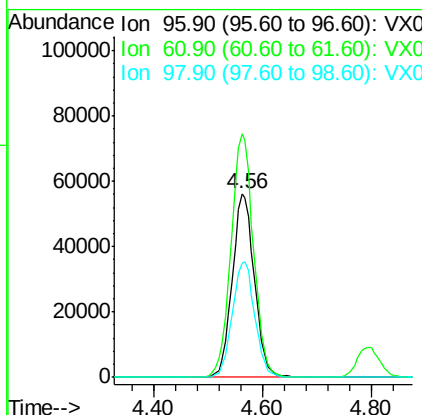
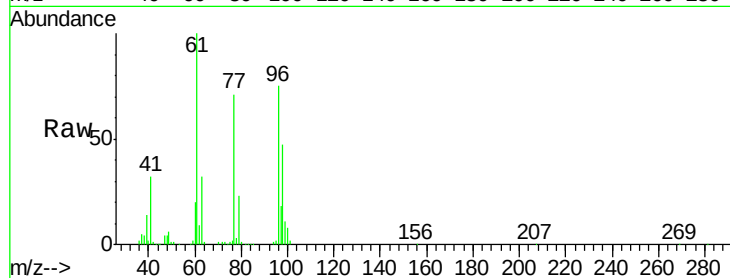
cis-1,2-Dichloroethene
Concen: 51.918 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.6	0.0	273.8	
98	64.1	0.0	129.0	

Manual Integrations
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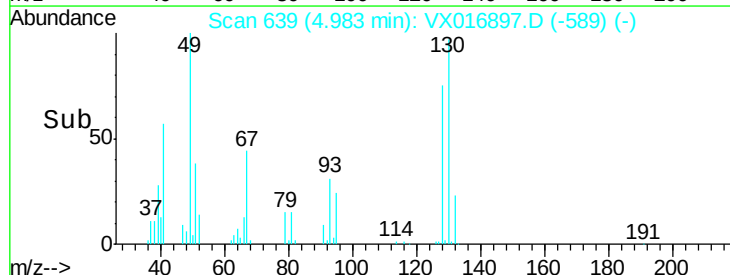
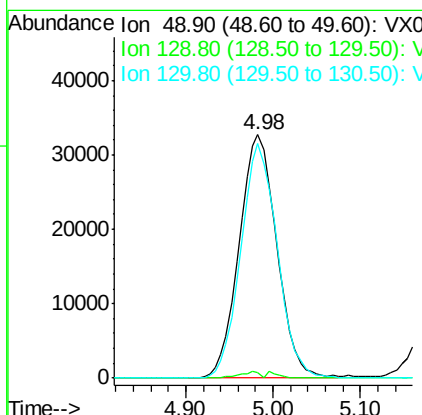
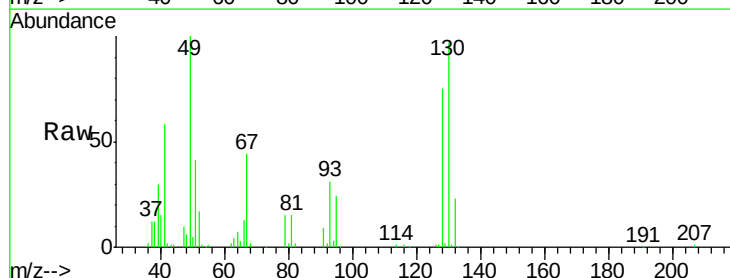
MMDadoda
6/22/2020 12:23:32 PM

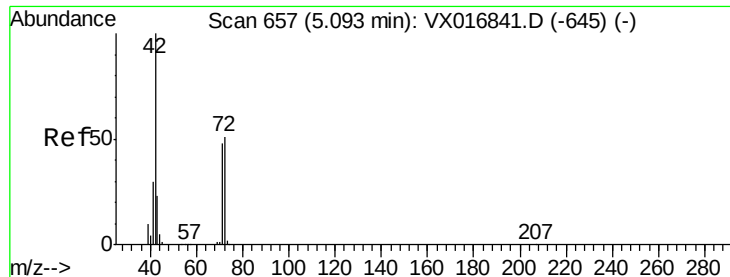


#28

Bromochloromethane
Concen: 51.741 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	5.0	
130	93.5	76.8	115.2	





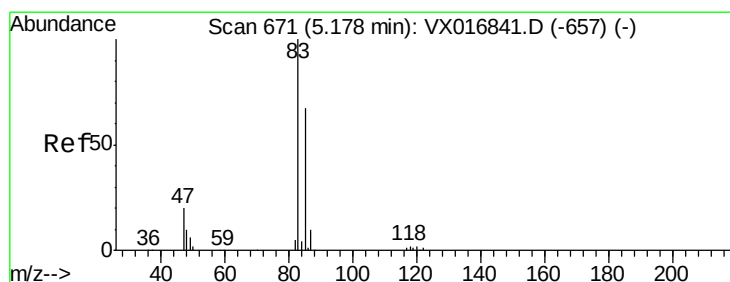
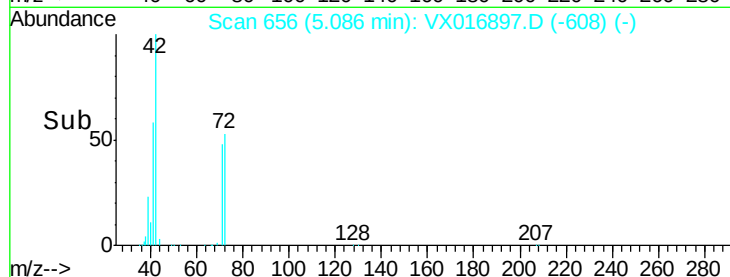
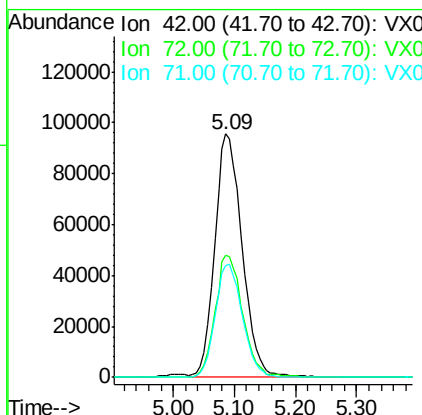
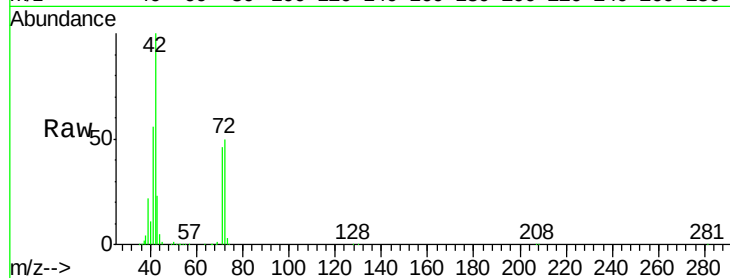
#29
Tetrahydrofuran
Concen: 291.653 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	41.1	61.7
71	46.8	38.4	57.6

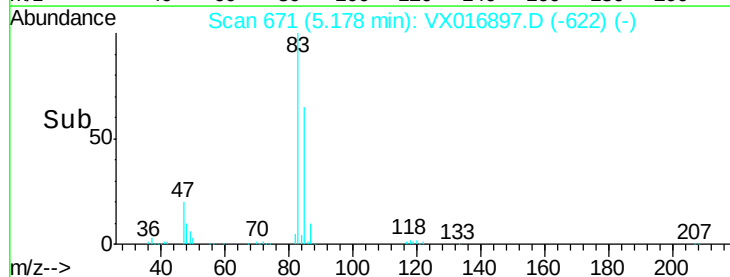
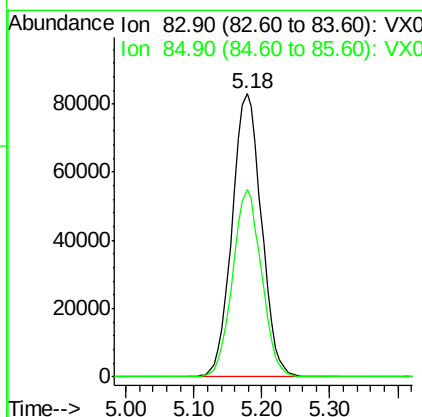
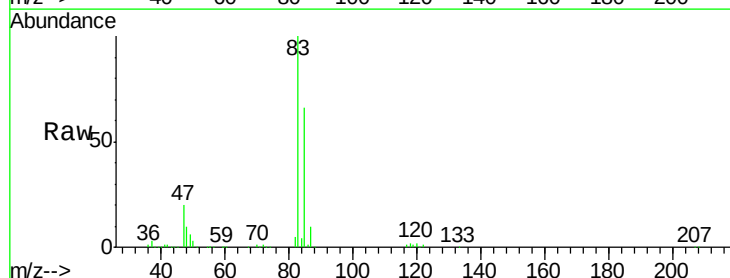
Manual Integrations
APPROVED

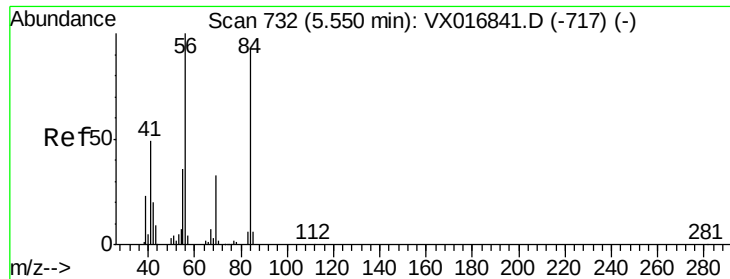
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#30
Chloroform
Concen: 51.734 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.4	80.0





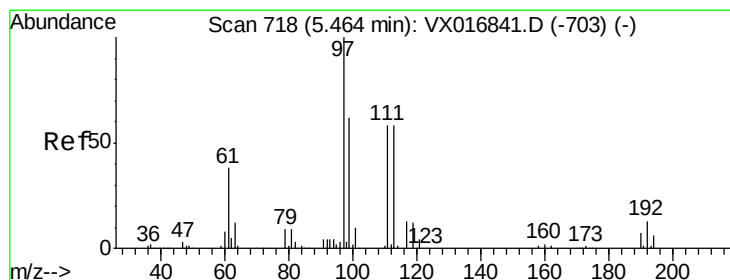
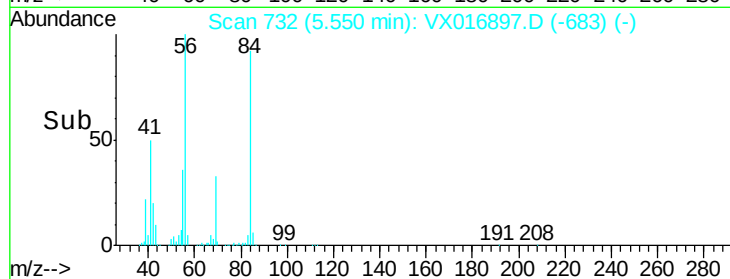
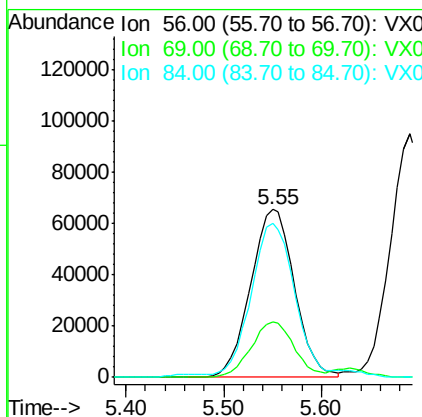
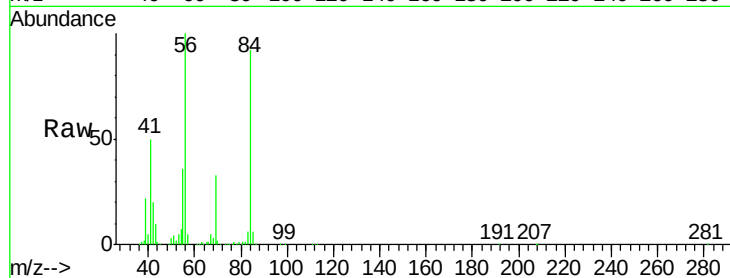
#31
Cyclohexane
Concen: 50.975 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.1	39.1
84	90.3	73.0	109.6

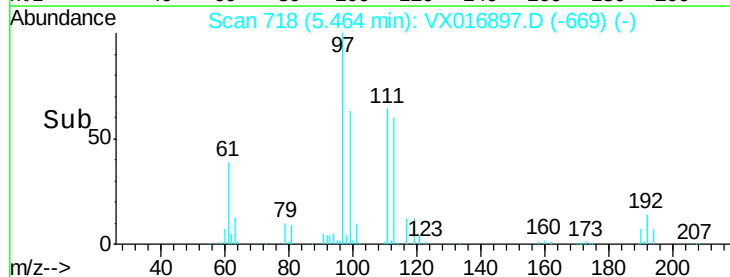
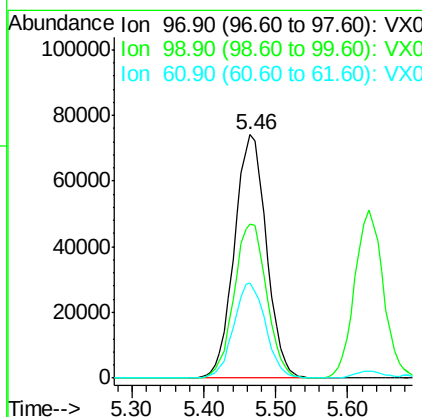
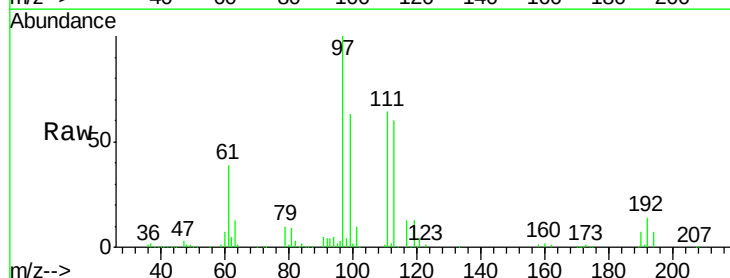
Manual Integrations
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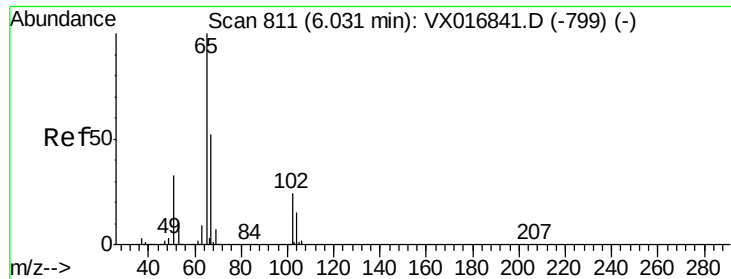
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#32
1,1,1-Trichloroethane
Concen: 50.155 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	39.1	31.3	46.9





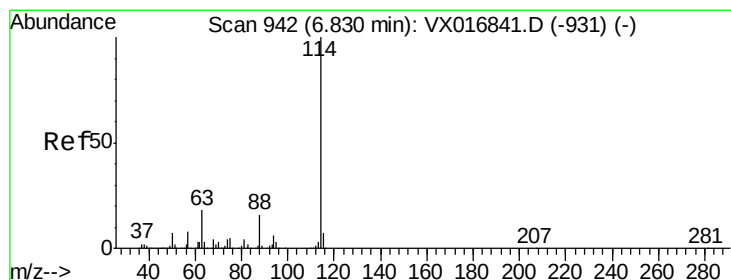
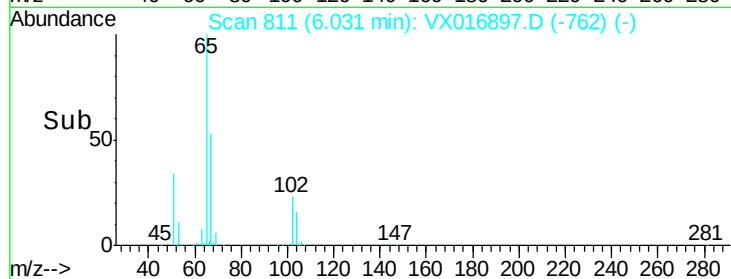
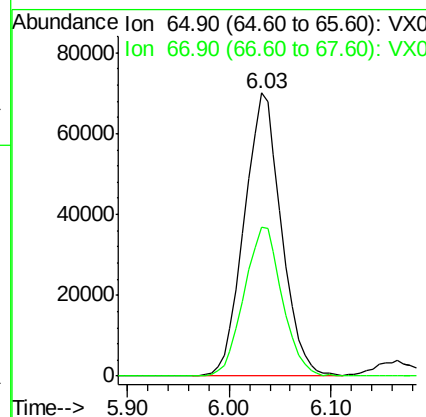
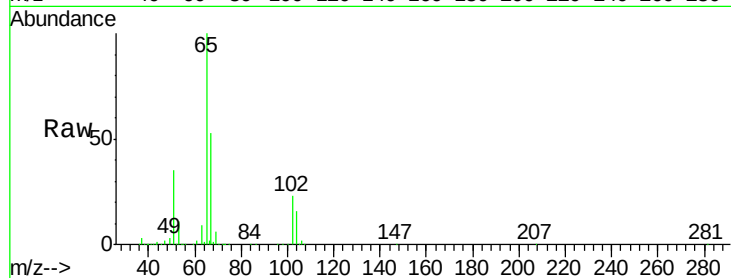
#33
 1,2-Dichloroethane-d4
 Concen: 54.590 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	102.6

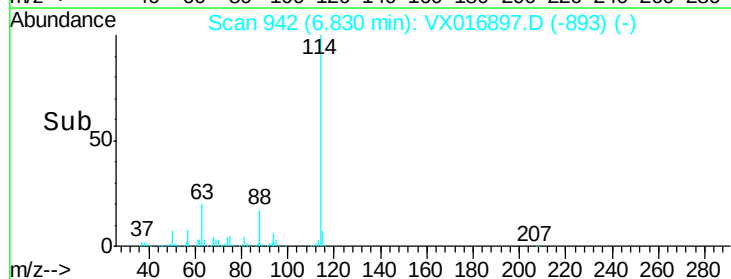
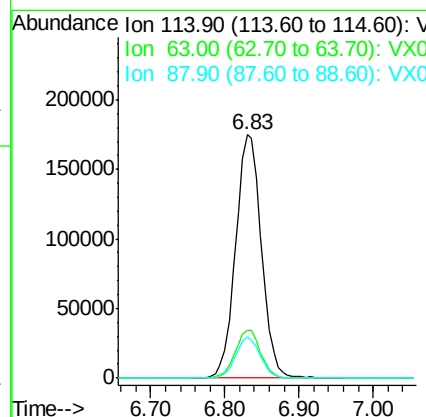
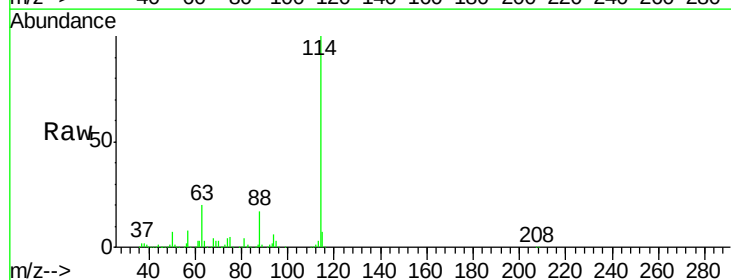
Manual Integrations
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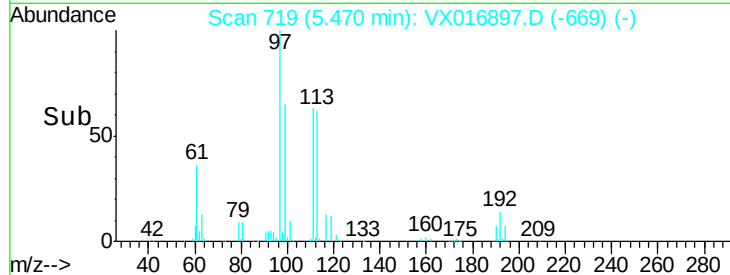
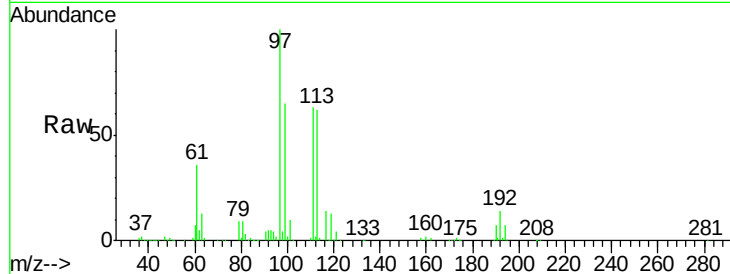
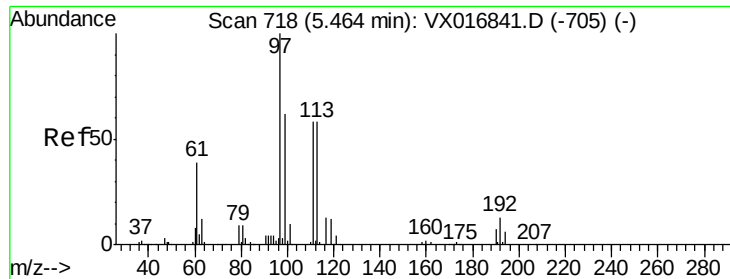
MMDadoda
 6/22/2020 12:23:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.0
88	17.0	0.0	32.0





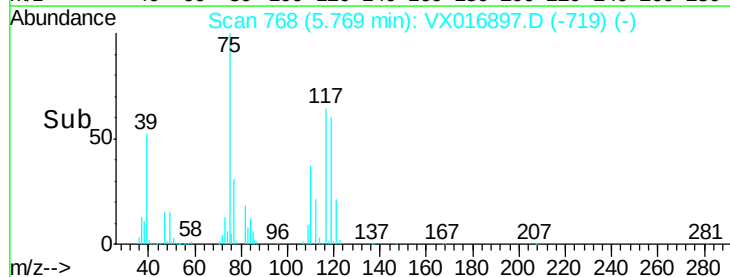
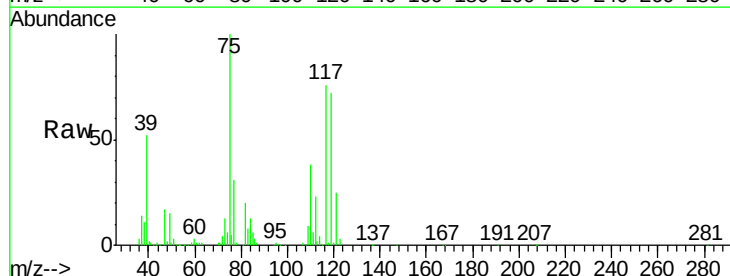
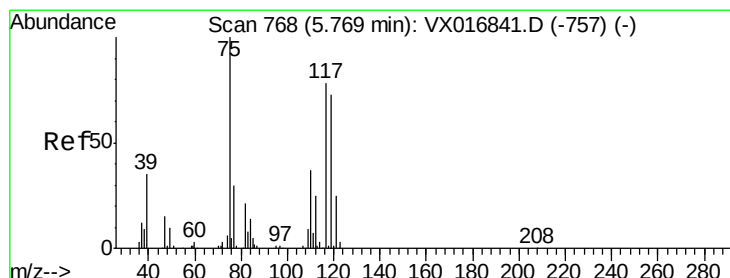
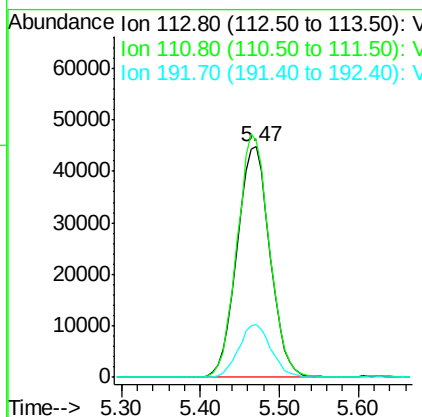
#35
Dibromofluoromethane
Concen: 48.182 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tot Ion:	113	Resp:	130337
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.0	121.4
192	22.6	18.5	27.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

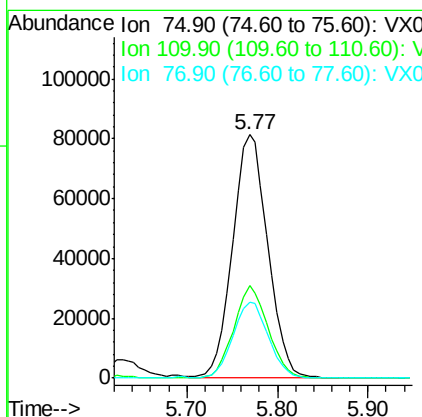
Manual Integrations
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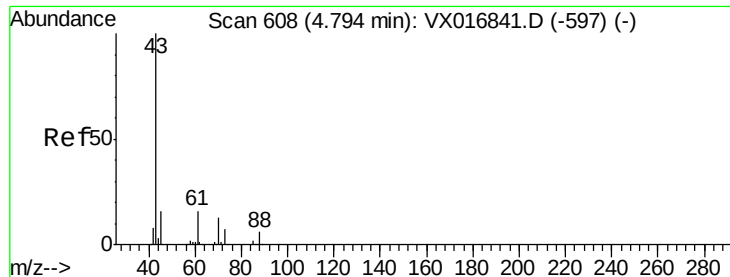
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#36
1,1-Dichloropropene
Concen: 55.834 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion:	75	Resp:	218003
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.9	56.9
77	31.4	25.6	38.4





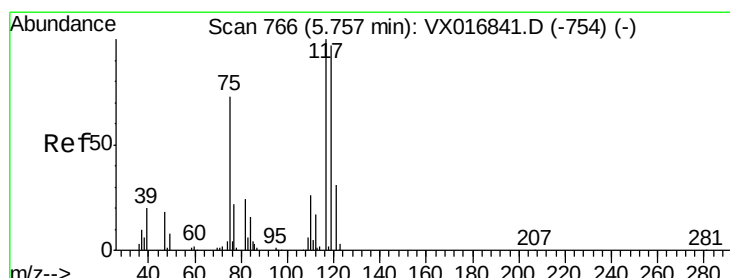
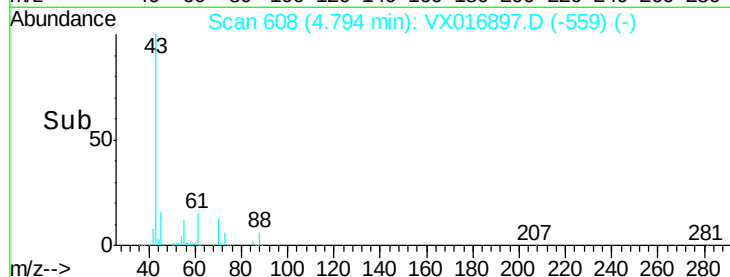
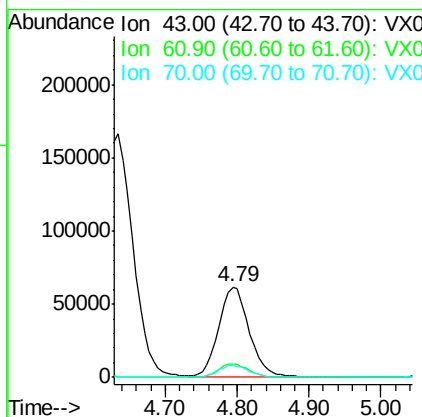
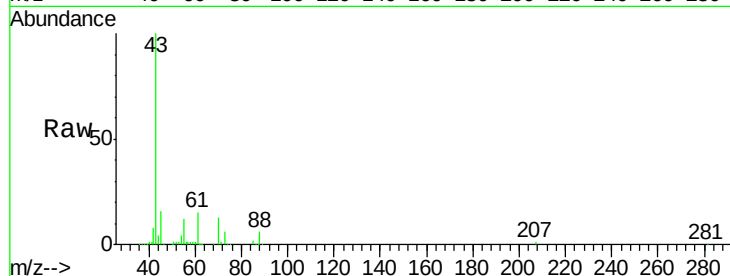
#37
Ethyl Acetate
Concen: 52.873 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.2
70	13.2	10.5	15.7

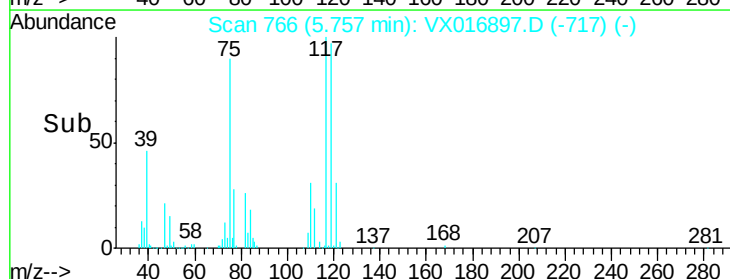
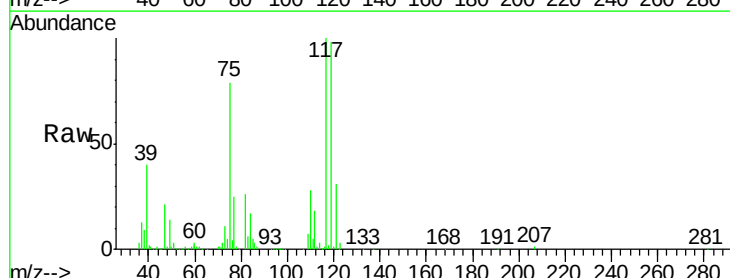
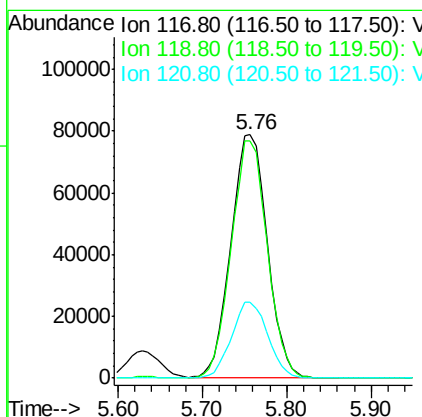
Manual Integrations
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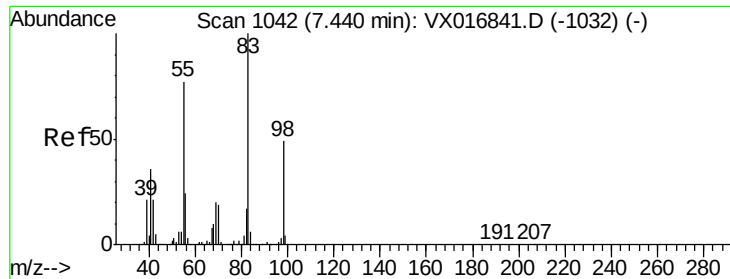
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#38
Carbon Tetrachloride
Concen: 52.967 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.2
121	31.3	24.7	37.1





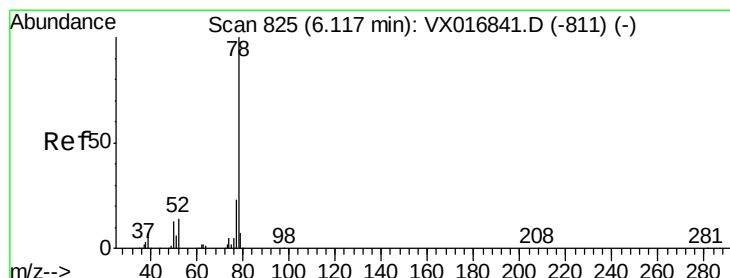
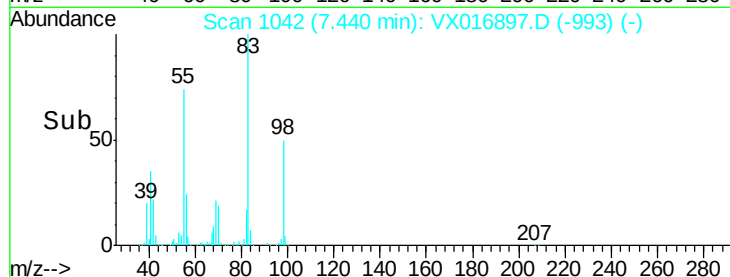
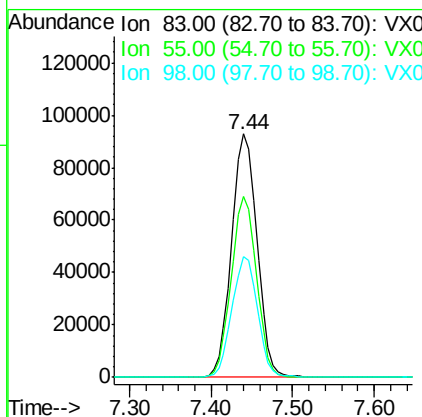
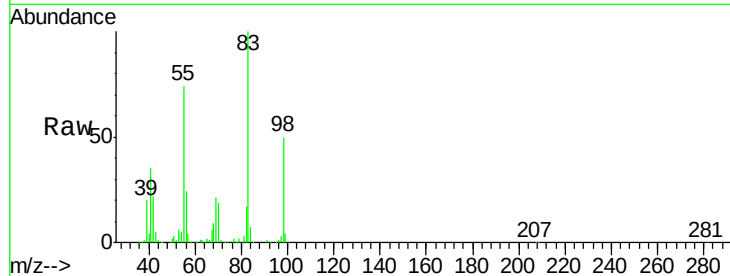
#39
Methylvlcyclohexane
Concen: 44.108 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.7	92.5
98	49.6	39.0	58.6

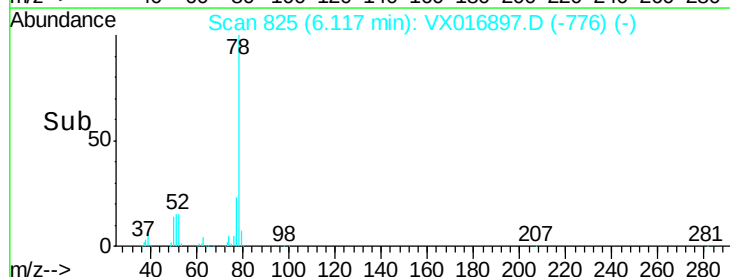
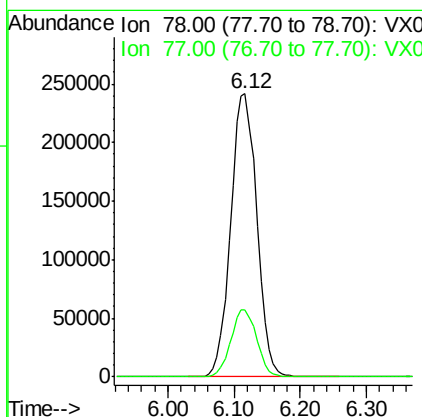
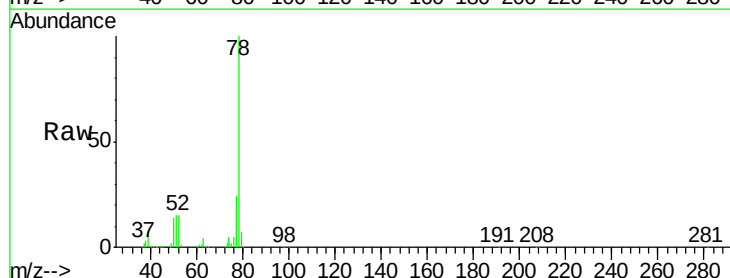
Manual Integrations
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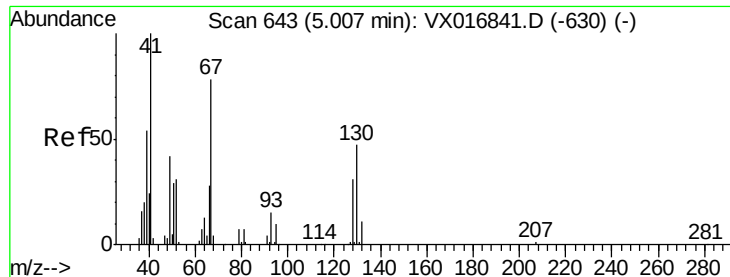
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#40
Benzene
Concen: 56.498 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





#41

Methacrylonitrile

Concen: 53.601 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

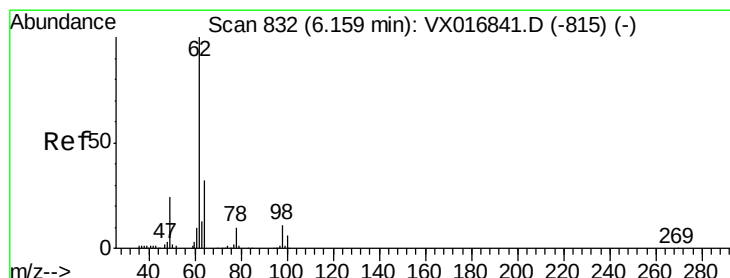
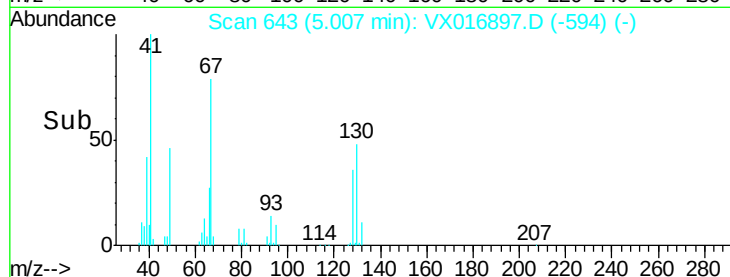
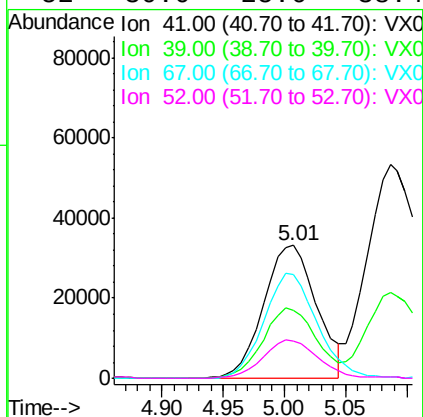
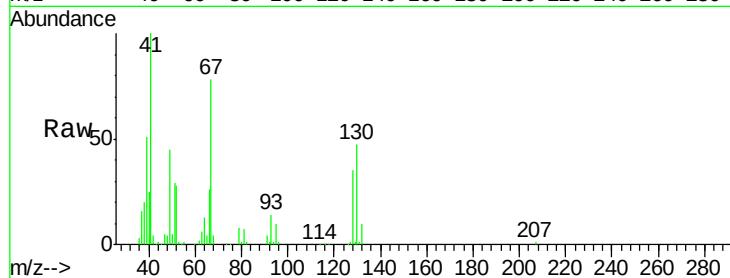
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	42.6	64.0	
67	79.4	64.2	96.2	
52	30.0	25.6	38.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 55.702 ug/l

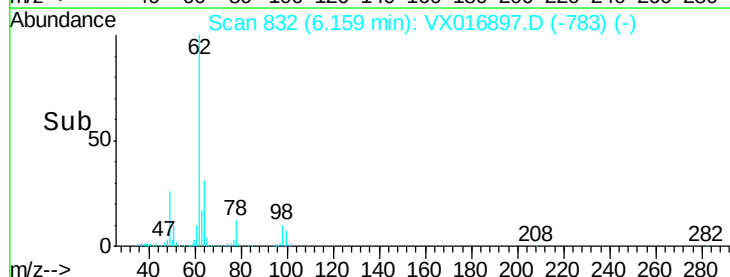
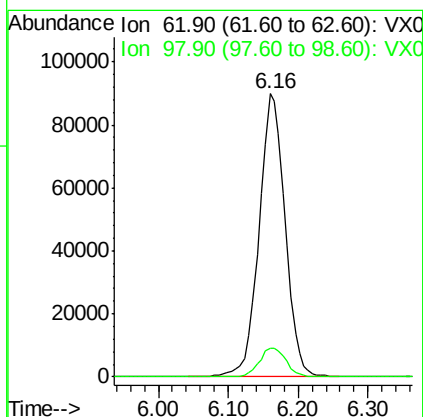
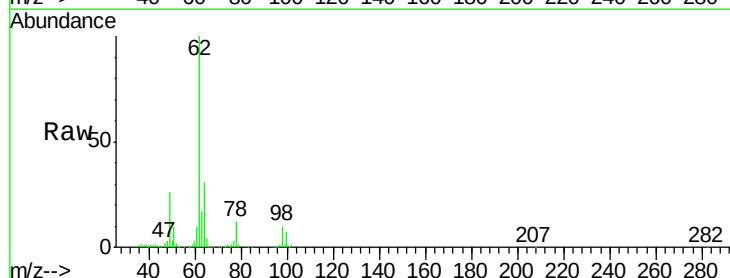
RT: 6.16 min Scan# 832

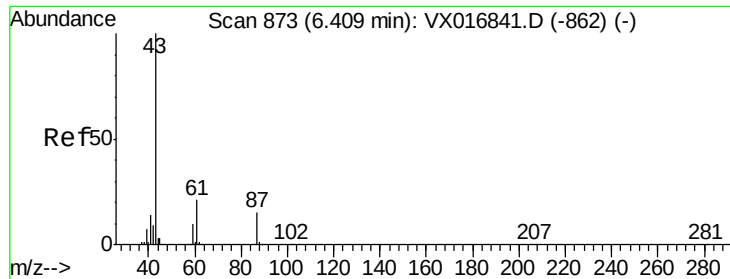
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.8	





#43

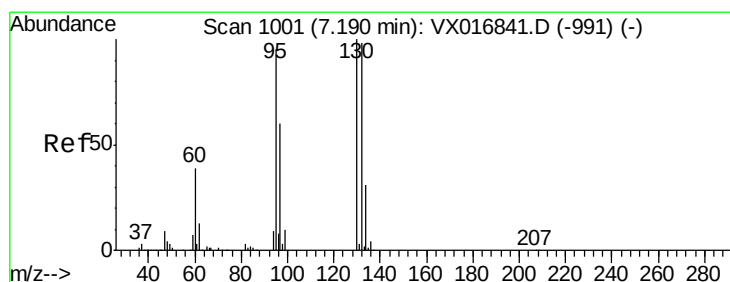
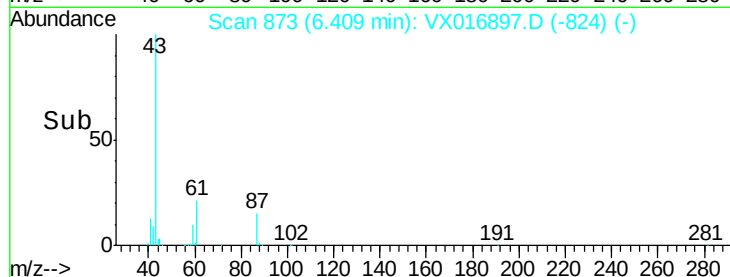
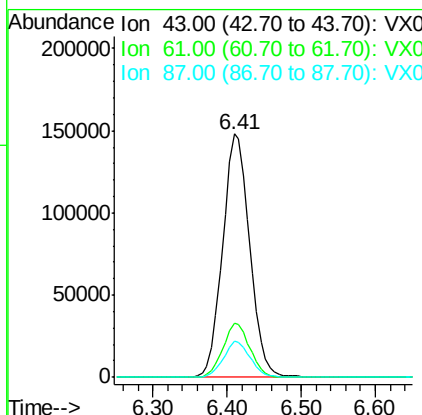
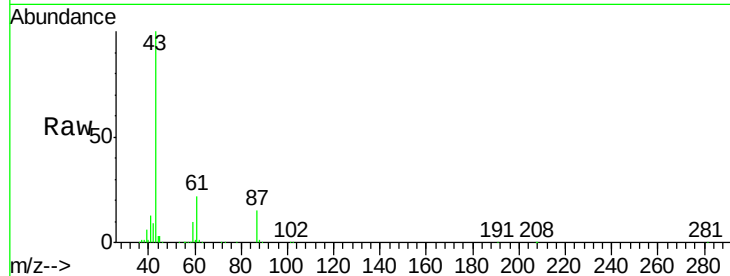
Isopropyl Acetate
 Concen: 61.968 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.9	26.9
87	14.8	12.4	18.6

Manual Integrations
 APPROVED

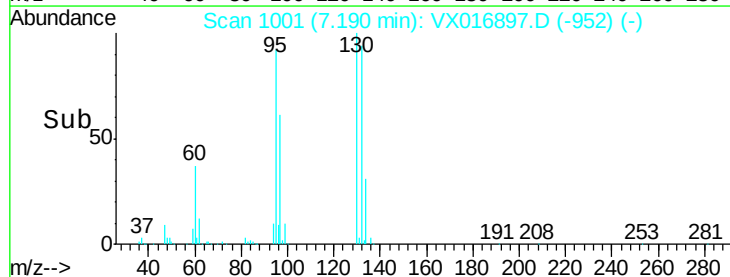
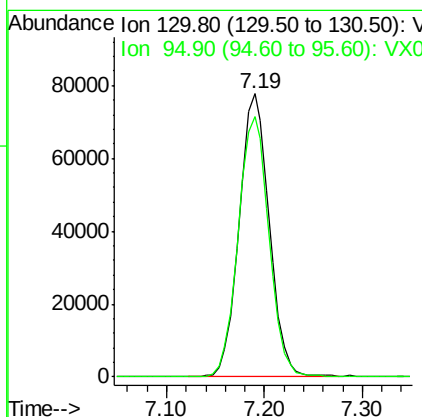
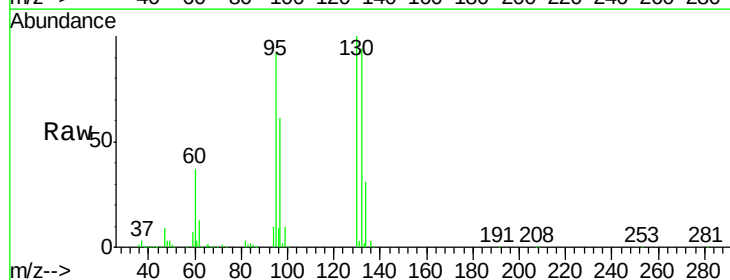
MMDadoda
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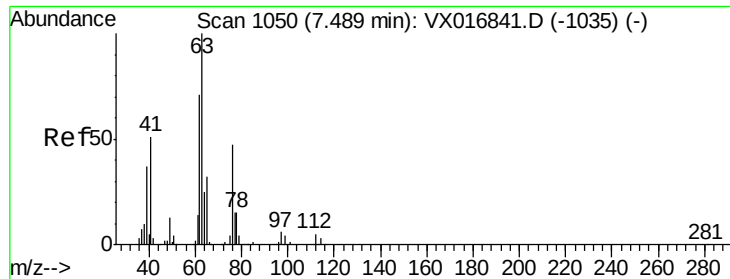


#44

Trichloroethene
 Concen: 46.176 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 48.561 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 143023

Ion Ratio Lower Upper

63 100

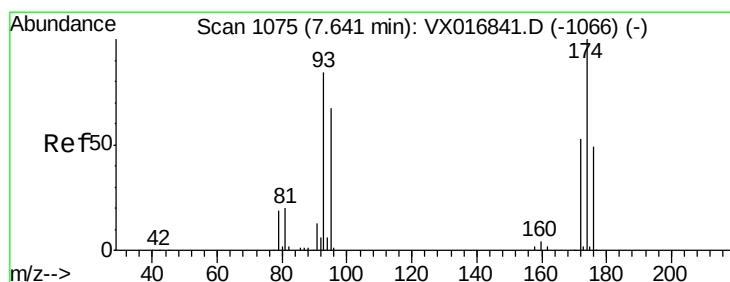
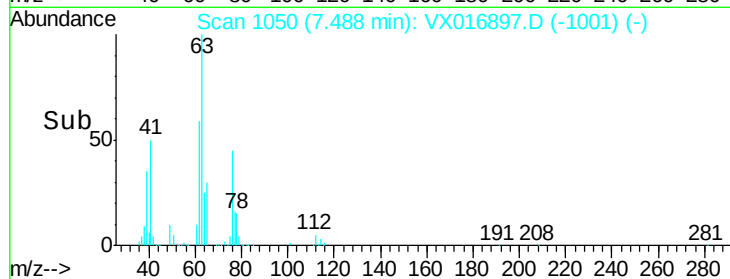
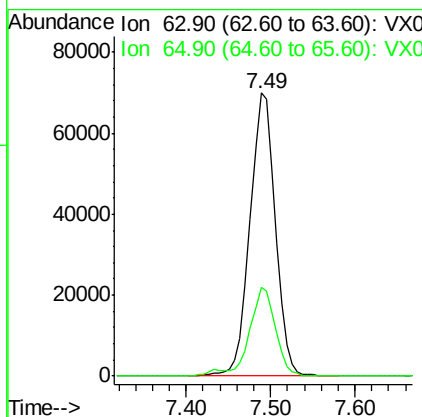
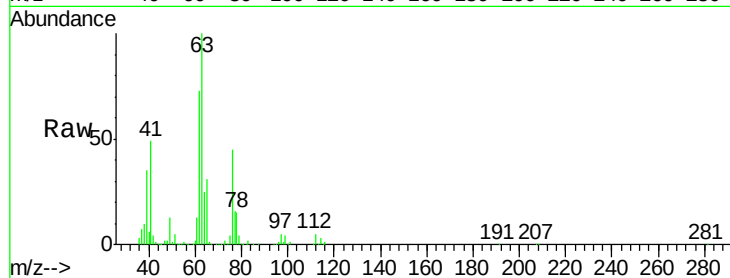
65 31.3 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 48.984 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

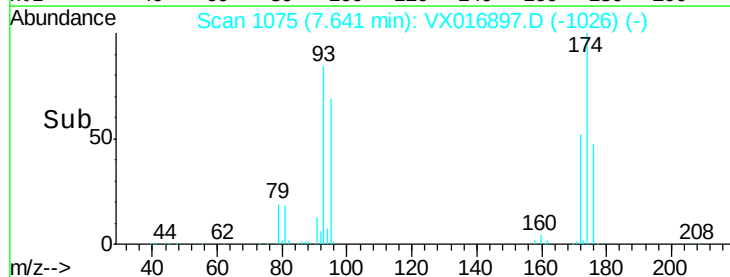
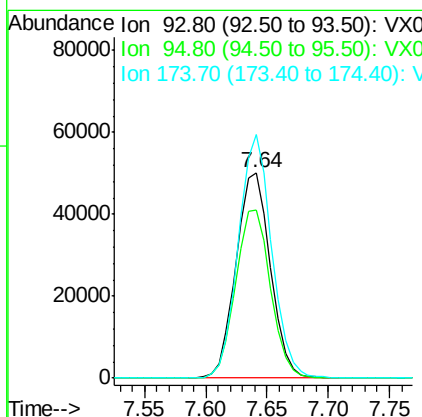
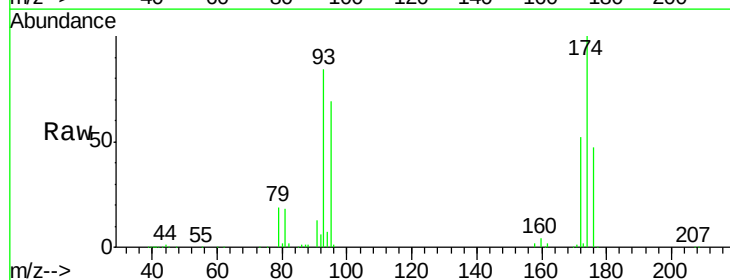
Tgt Ion: 93 Resp: 97836

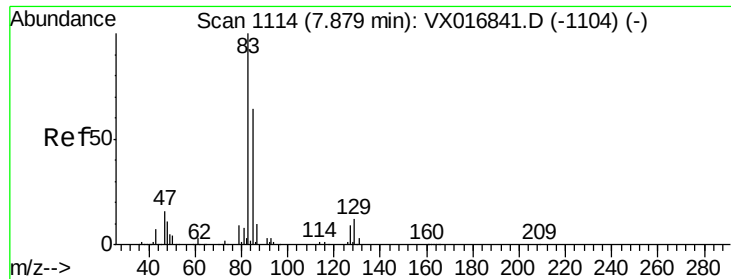
Ion Ratio Lower Upper

93 100

95 83.4 65.7 98.5

174 115.1 92.8 139.2





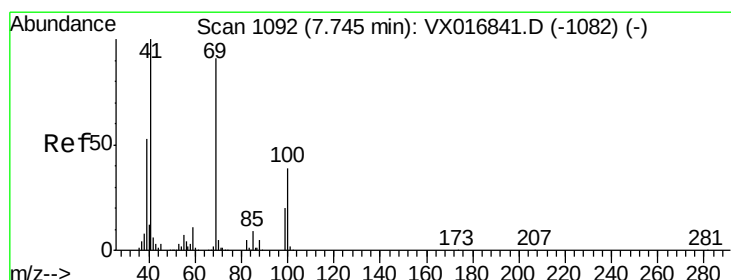
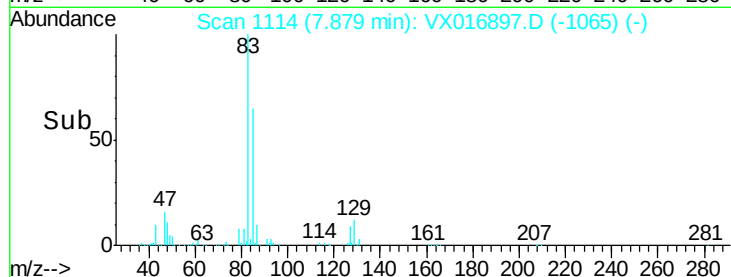
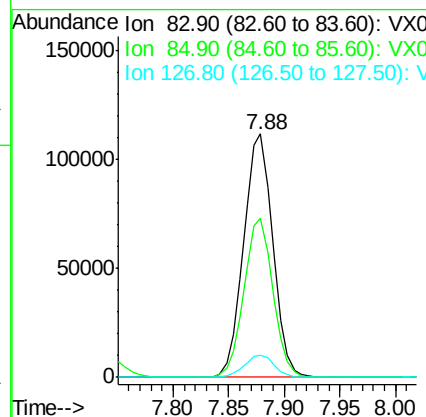
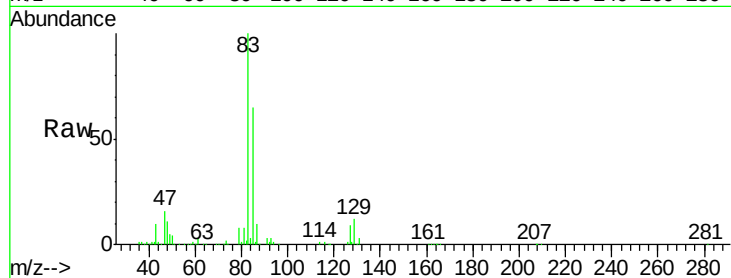
#47
Bromodichloromethane
Concen: 47.864 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3
127	9.3	7.4	11.0

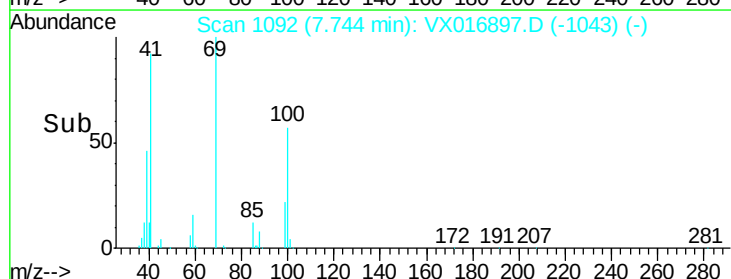
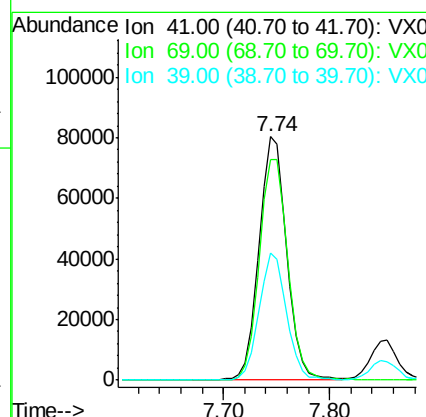
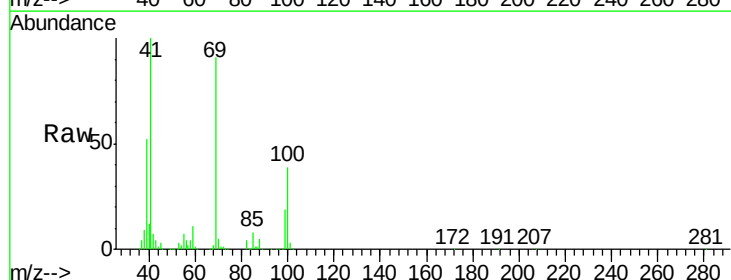
Manual Integrations
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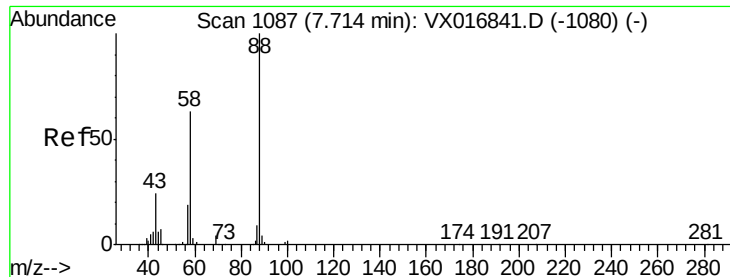
MMDadoda
6/22/2020 12:23:32 PM



#48
Methyl methacrylate
Concen: 51.534 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.2	73.3	109.9
39	51.8	42.4	63.6





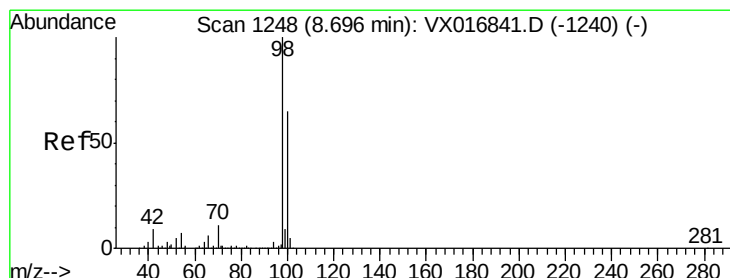
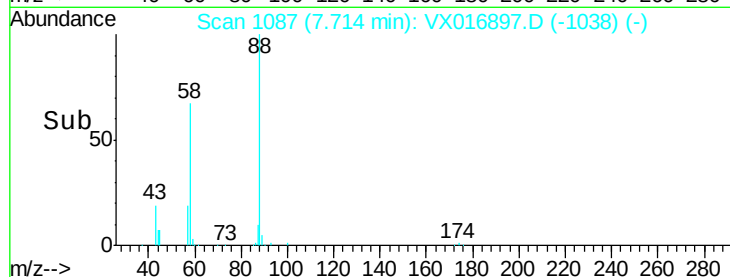
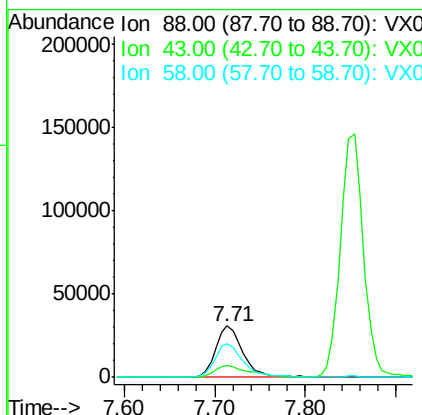
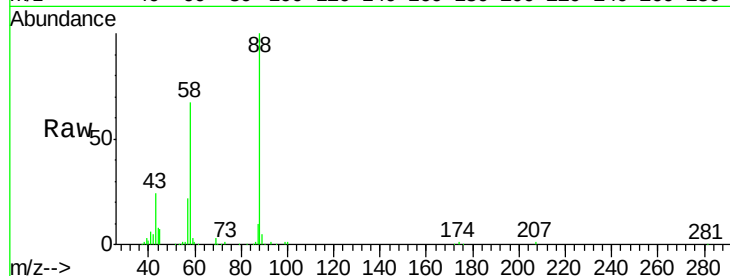
#49
1,4-Dioxane
Concen: 1026.930 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.7	34.1
58	68.1	53.1	79.7

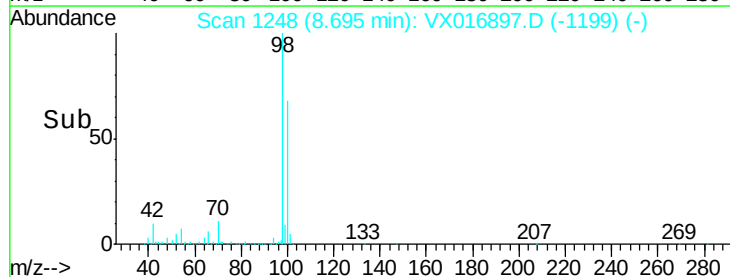
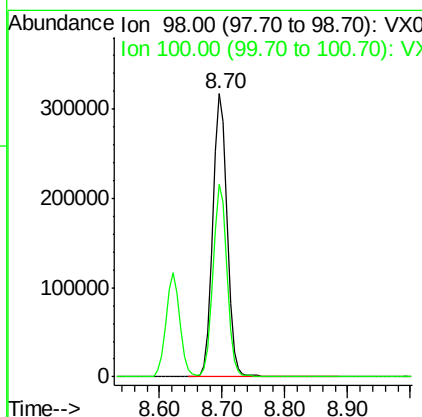
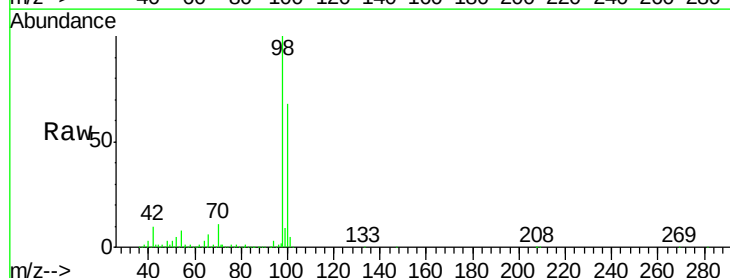
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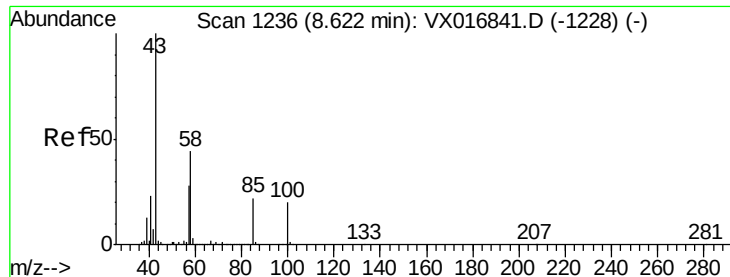
MMDadoda
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#50
Toluene-d8
Concen: 46.548 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.0	81.0





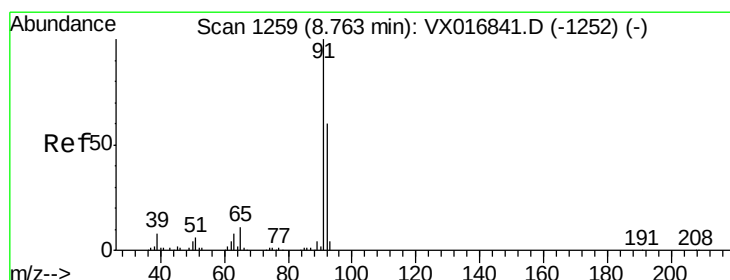
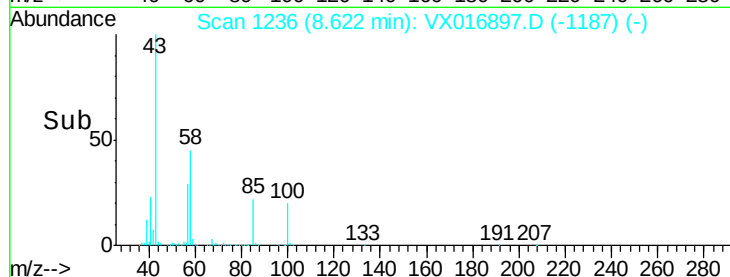
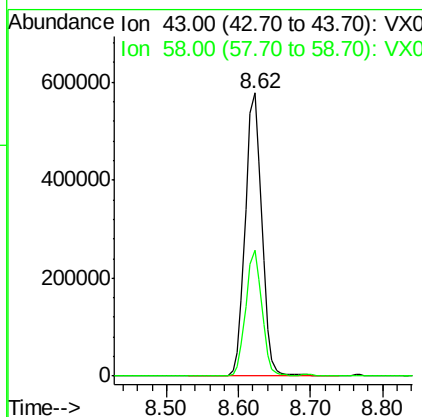
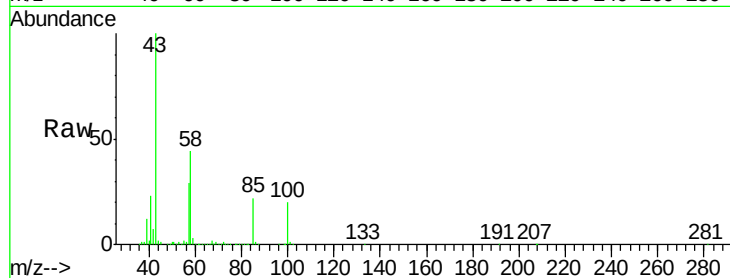
#51
4-Methyl-2-Pentanone
Concen: 253.810 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	34.3	51.5

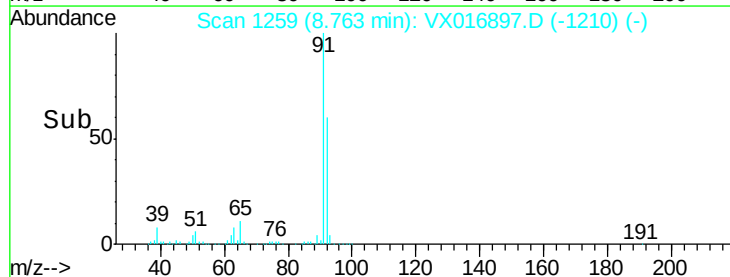
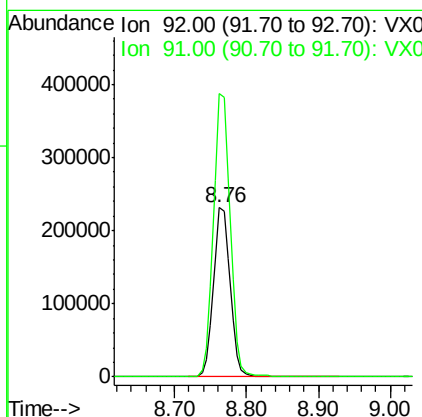
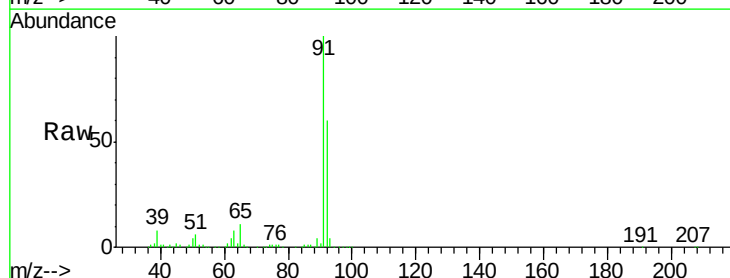
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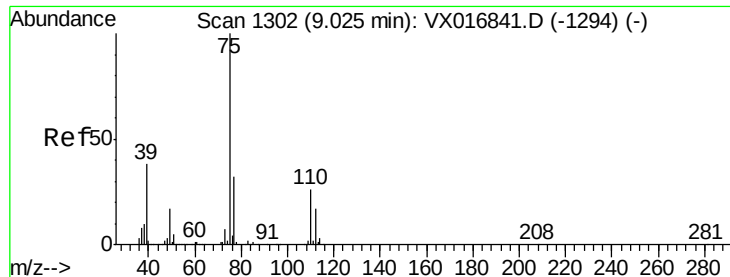
MMDadoda
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#52
Toluene
Concen: 47.464 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.2	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 48.921 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 228463

Ion Ratio Lower Upper

75 100

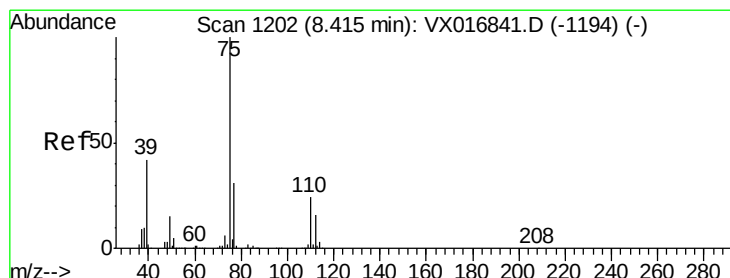
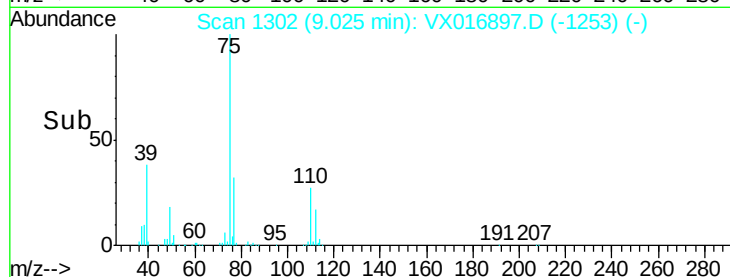
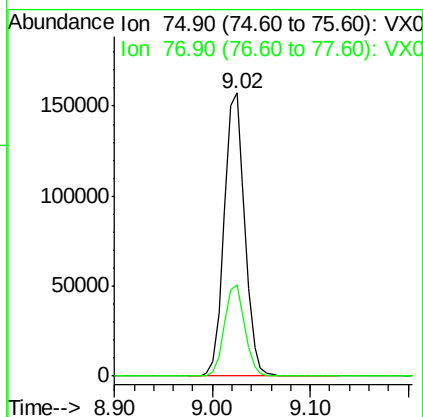
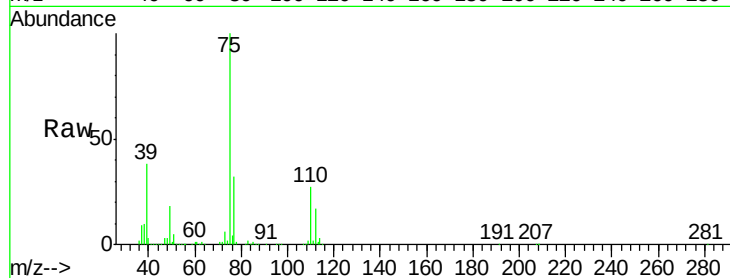
77 32.1 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.529 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

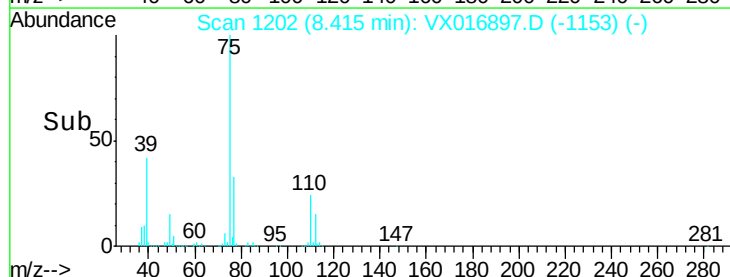
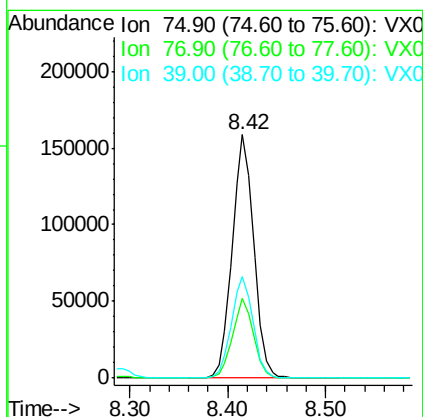
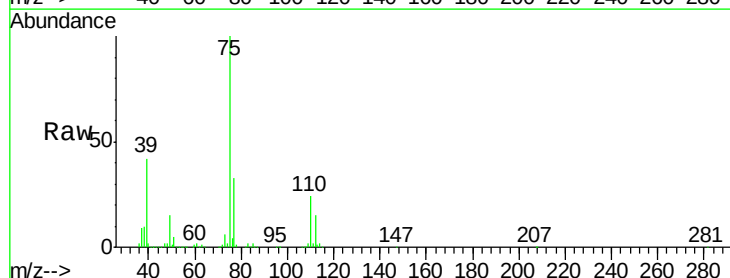
Tgt Ion: 75 Resp: 242452

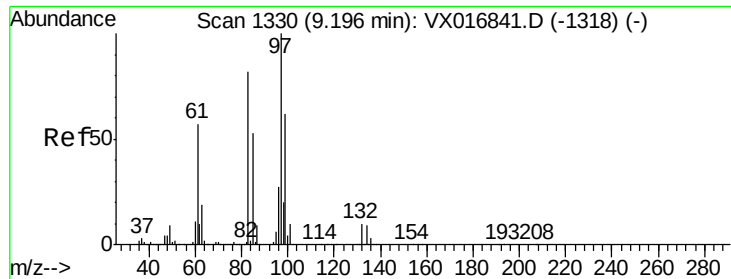
Ion Ratio Lower Upper

75 100

77 32.9 24.9 37.3

39 41.6 33.4 50.0





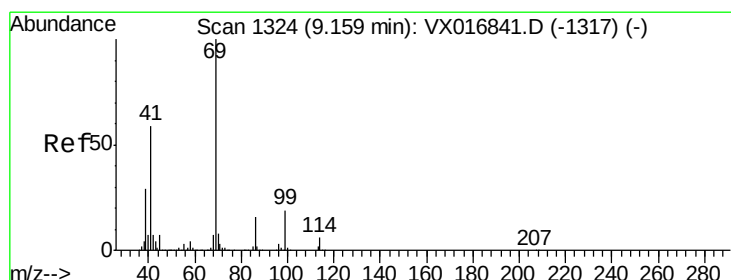
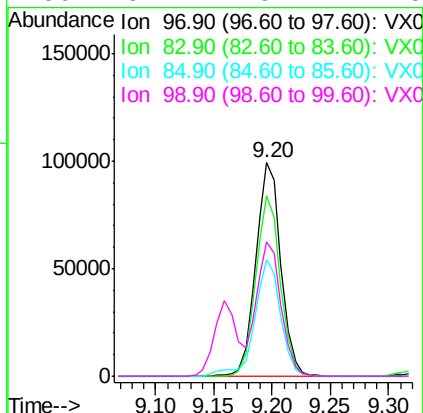
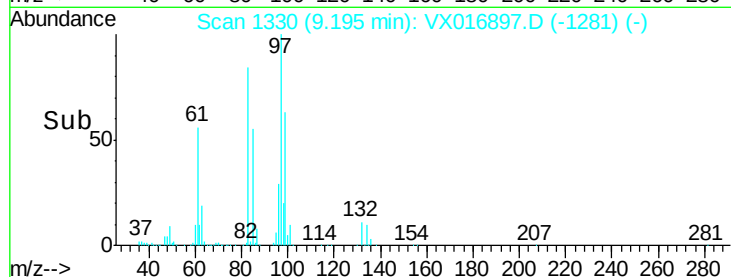
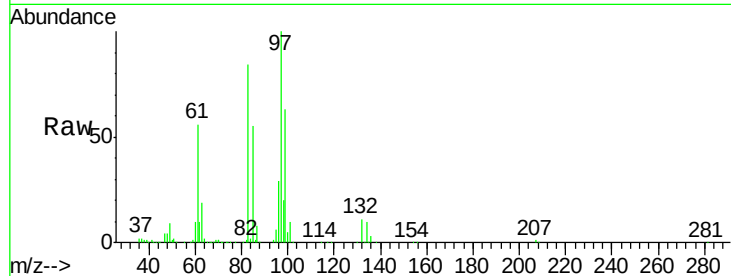
#55
 1,1,2-Trichloroethane
 Concen: 50.531 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		148279		
83	84.3	65.5	98.3		
85	54.6	42.6	63.8		
99	62.7	49.4	74.0		

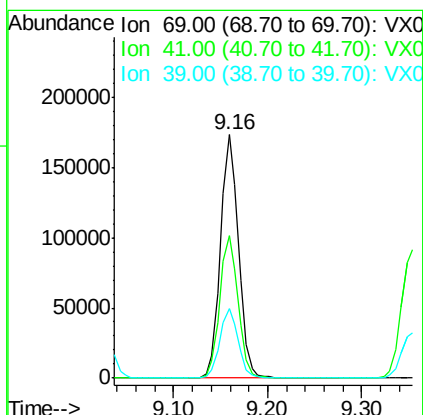
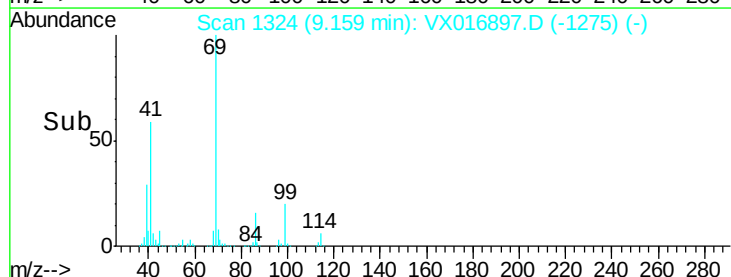
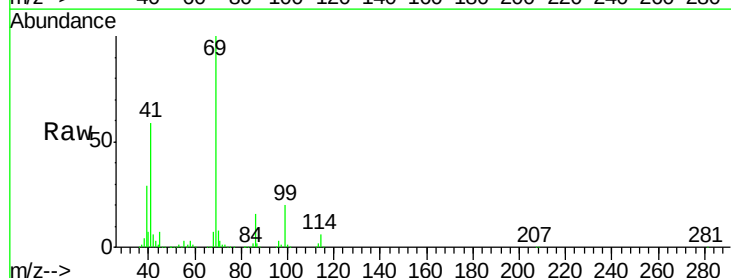
Manual Integrations
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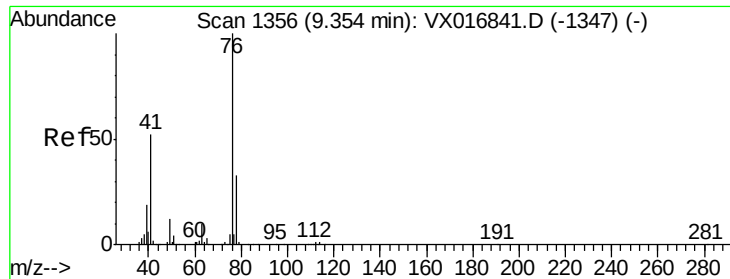
MMDadoda
 6/22/2020 12:23:32 PM



#56
 Ethyl methacrylate
 Concen: 54.460 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		231349		
41	58.9	47.9	71.9		
39	28.8	24.2	36.4		





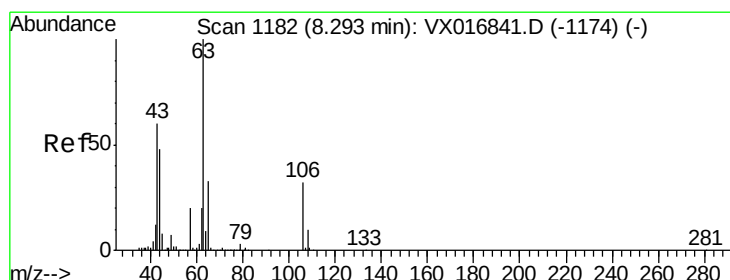
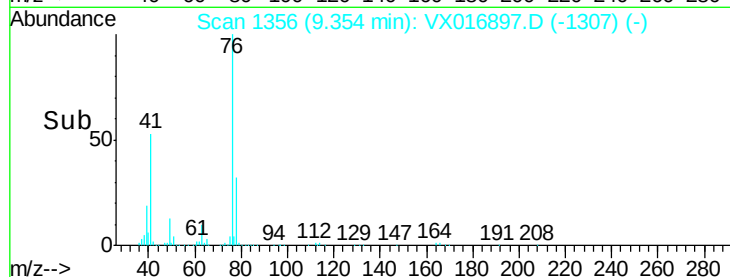
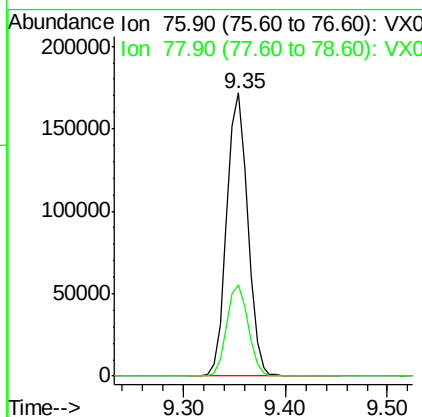
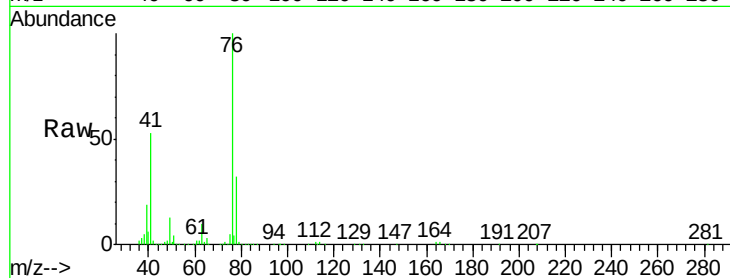
#57
 1,3-Dichloropropane
 Concen: 49.215 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.6

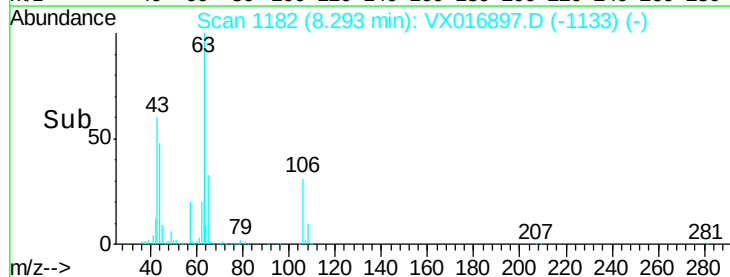
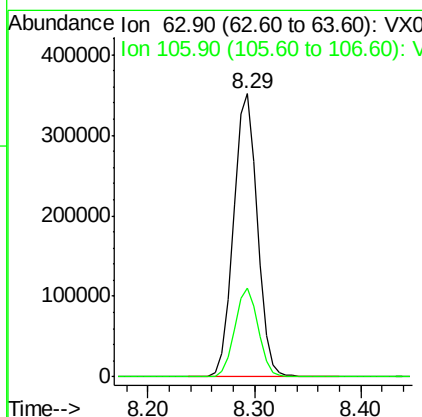
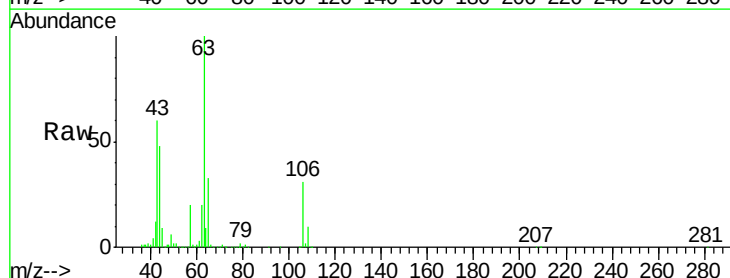
Manual Integrations
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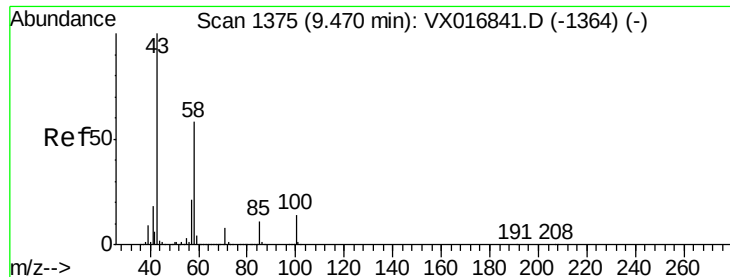
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 6/22/2020 12:23:32 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.231 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.8	38.6





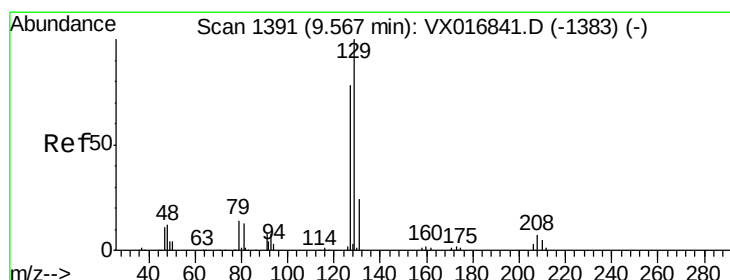
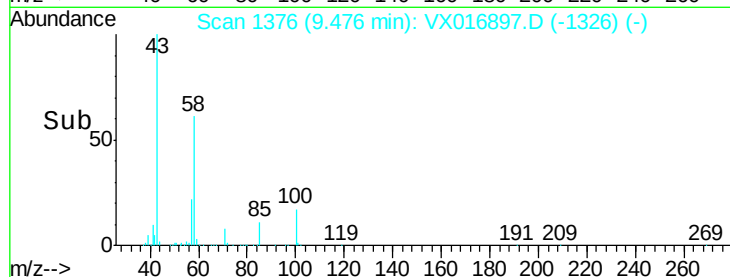
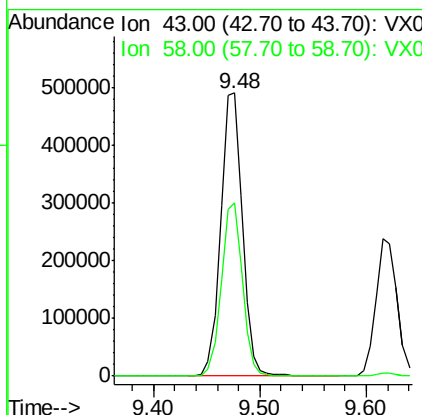
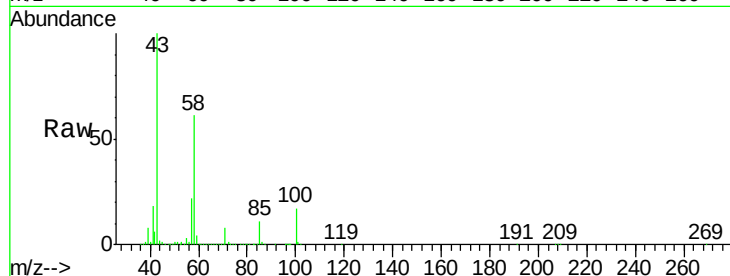
#59
2-Hexanone
Concen: 267.002 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	29.8	89.4

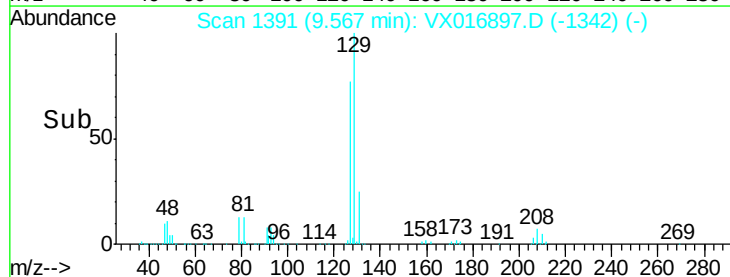
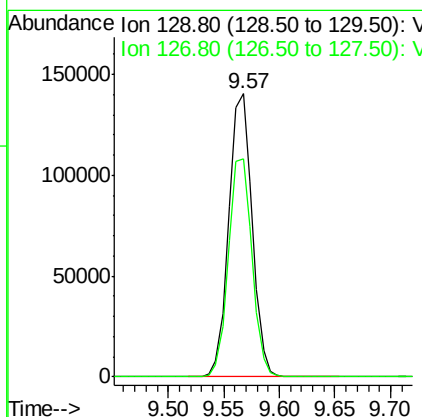
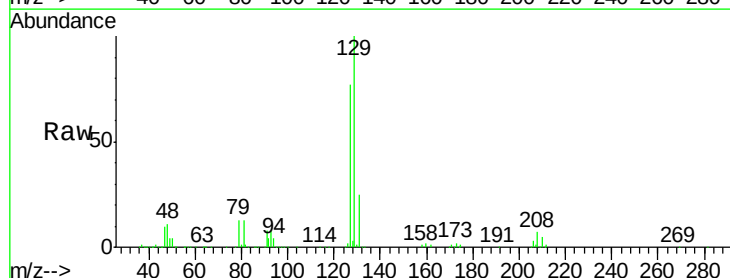
Manual Integrations
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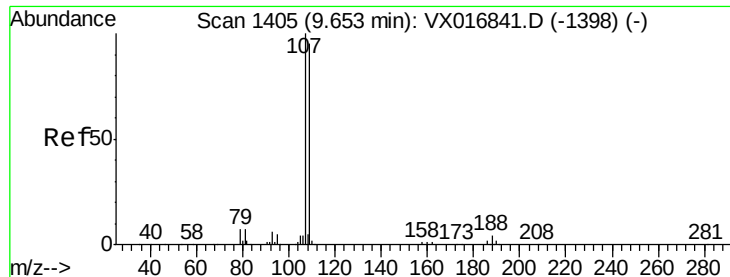
MMDadoda
6/22/2020 12:23:32 PM



#60
Dibromochloromethane
Concen: 57.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.5	115.5





#61

1,2-Dibromoethane

Concen: 56.667 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 180458

Ion Ratio Lower Upper

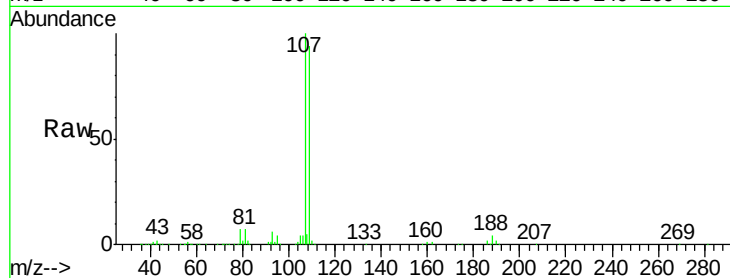
107 100

109 95.1 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

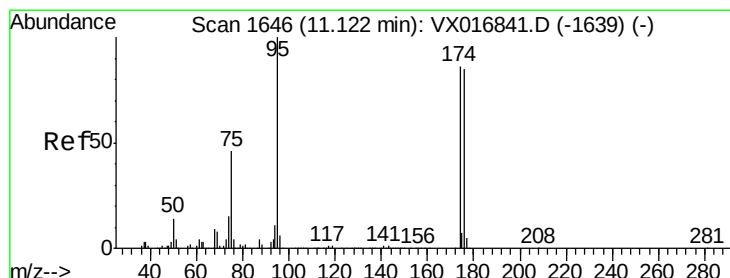
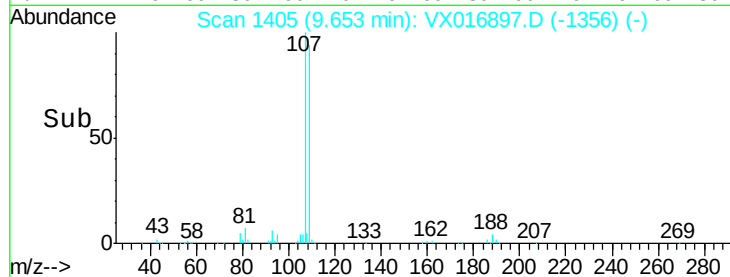
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.423 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

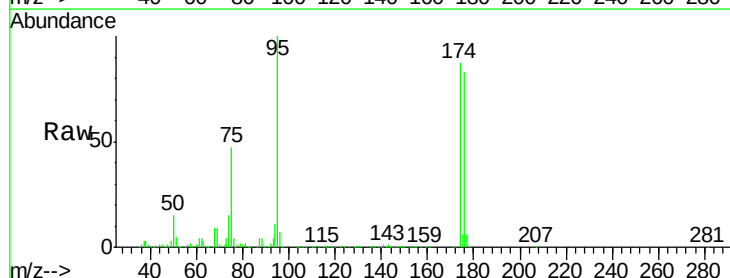
Tgt Ion: 95 Resp: 209089

Ion Ratio Lower Upper

95 100

174 86.6 0.0 174.2

176 83.1 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

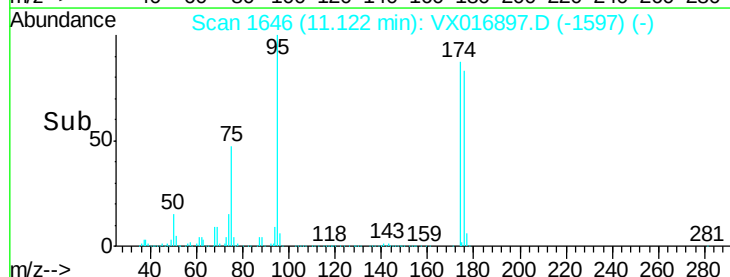
150000

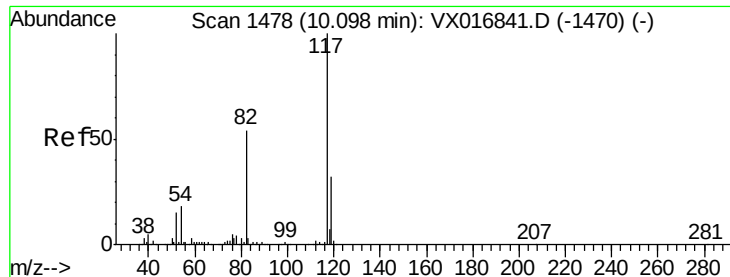
100000

50000

0

Time--> 11.10 11.20





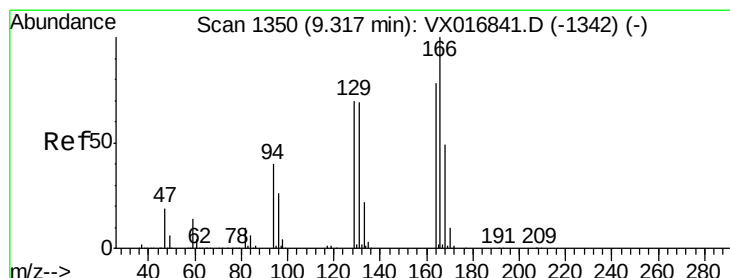
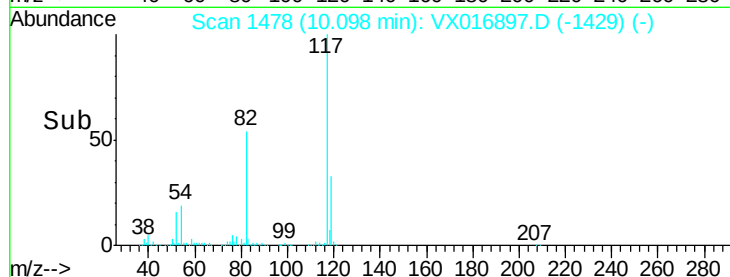
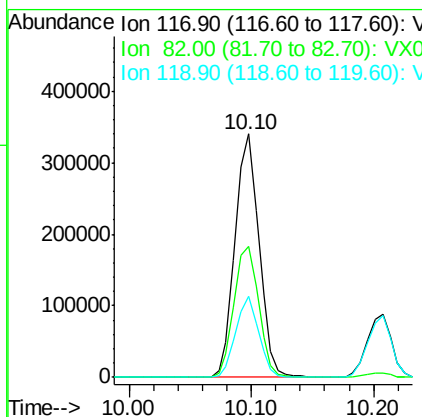
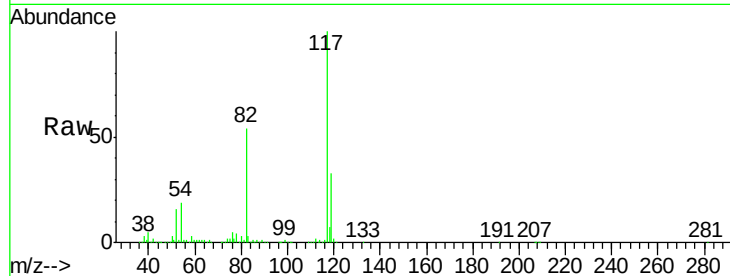
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	461526		
82	53.9	43.4	65.0	
119	33.1	25.7	38.5	

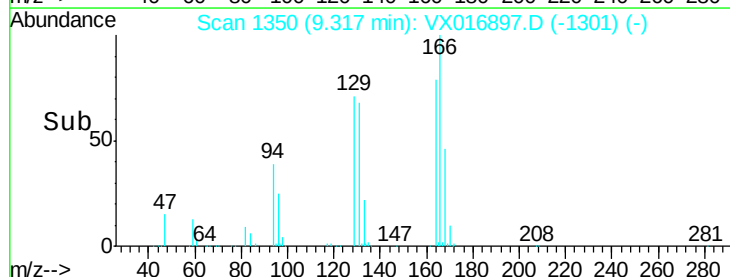
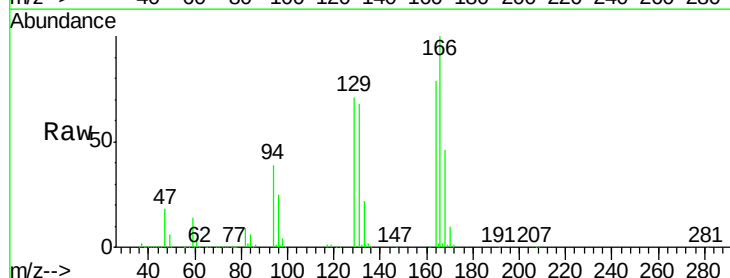
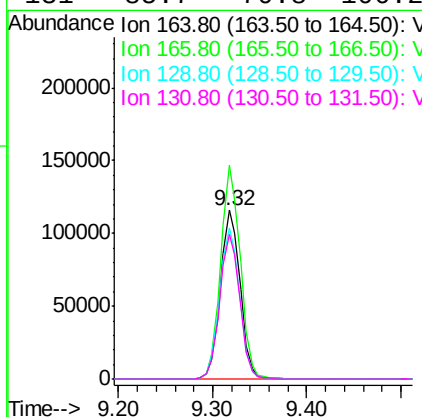
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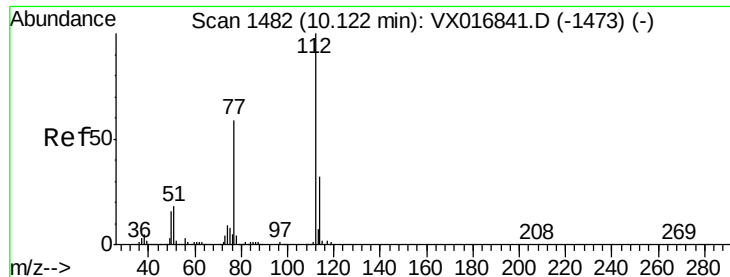
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#64
Tetrachloroethene
Concen: 39.308 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167994		
166	126.8	102.6	153.8	
129	89.8	72.2	108.2	
131	85.7	70.8	106.2	





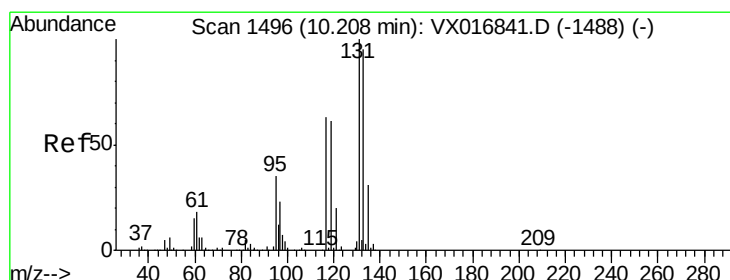
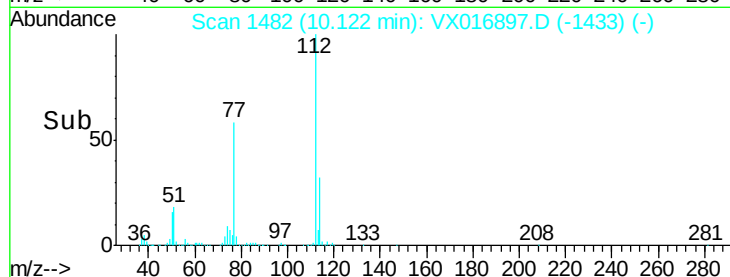
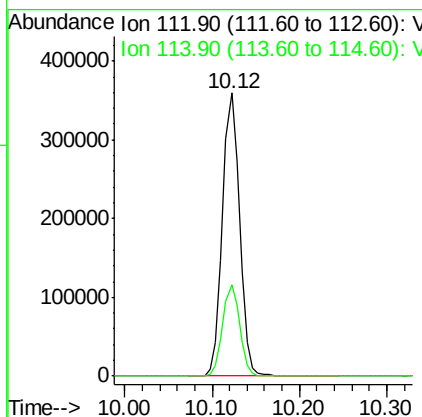
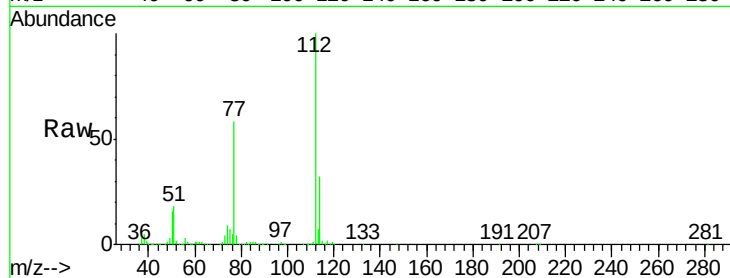
#65
Chlorobenzene
Concen: 51.947 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3

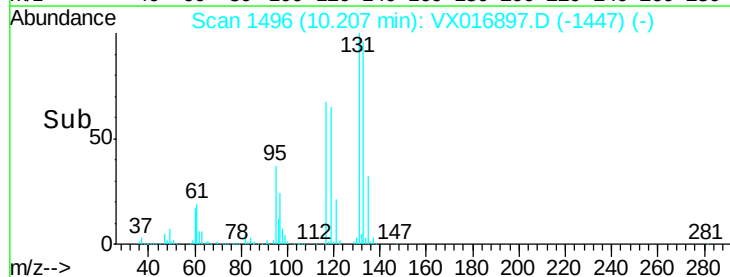
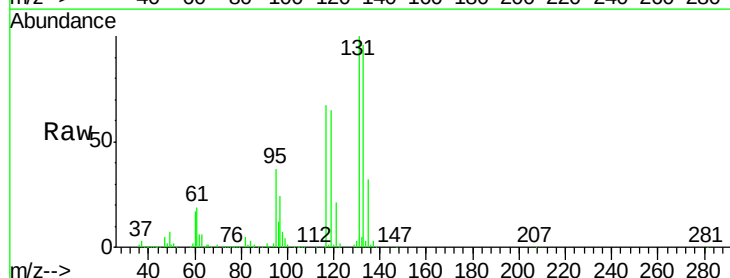
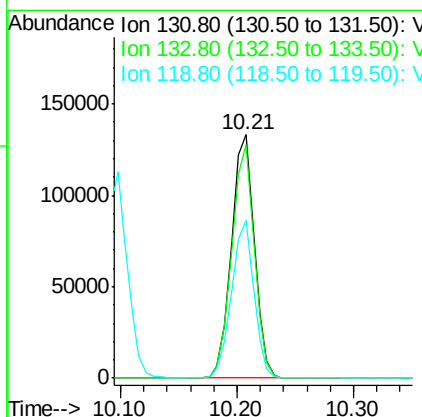
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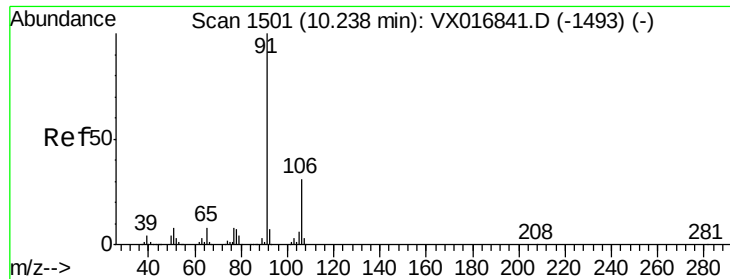
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.536 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.7	143.1
119	63.9	30.8	92.4





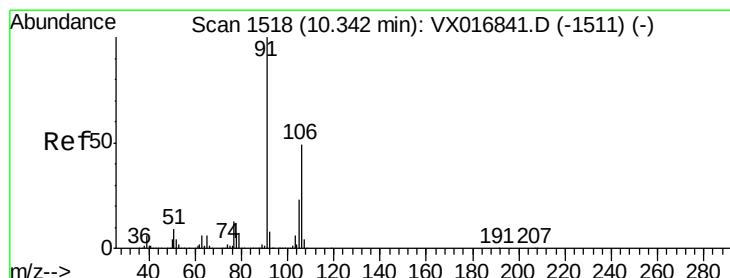
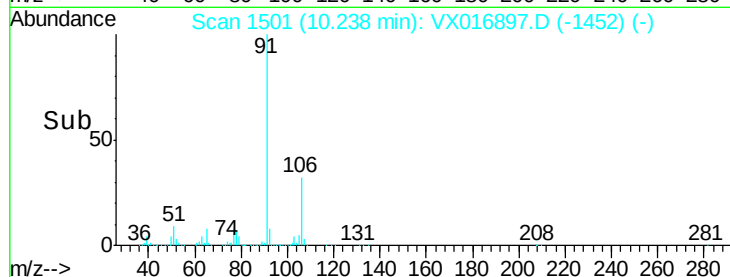
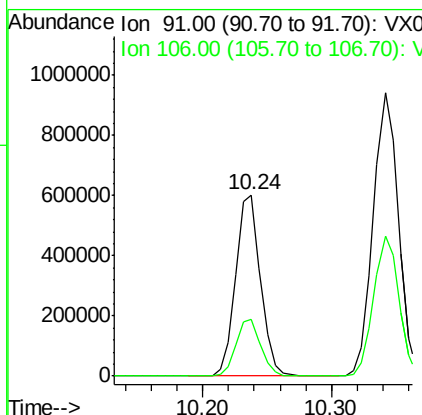
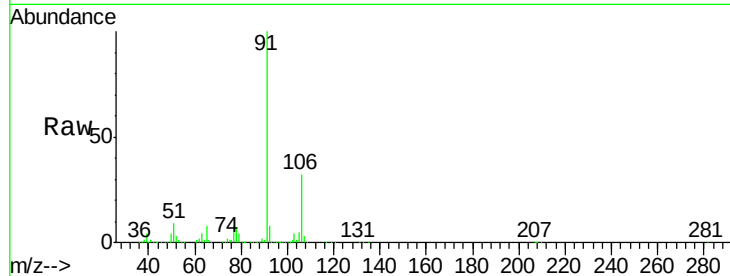
#67
Ethyl Benzene
Concen: 51.519 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 812379
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

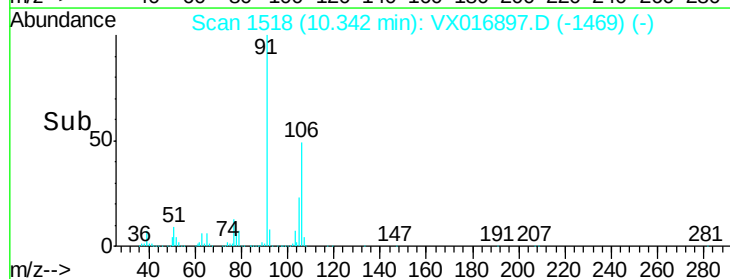
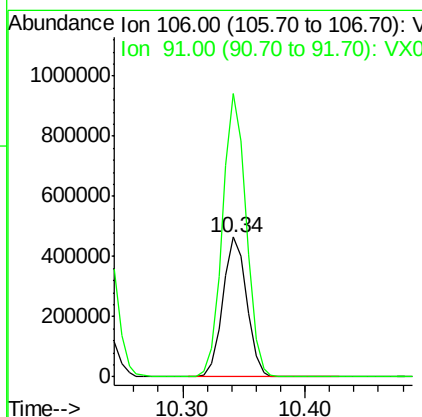
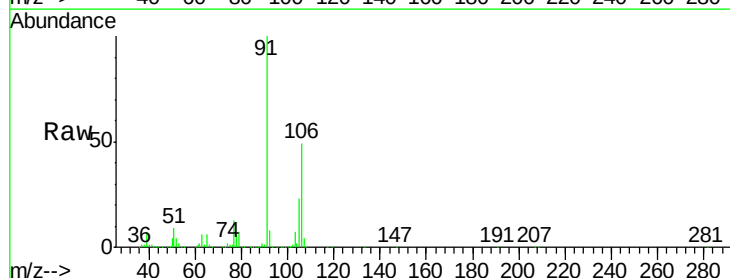
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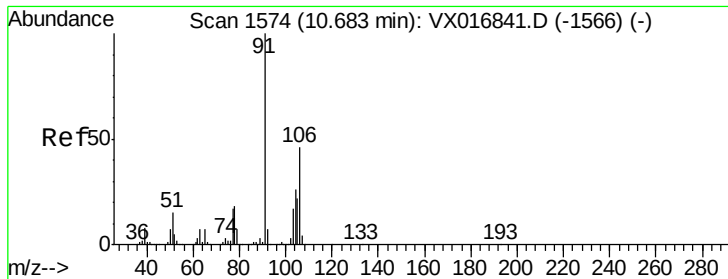
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#68
m/p-Xylenes
Concen: 102.496 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 106 Resp: 628926
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3





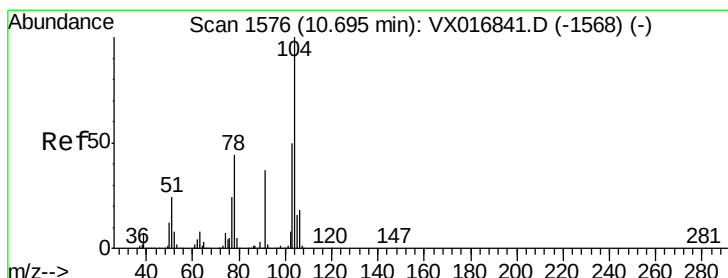
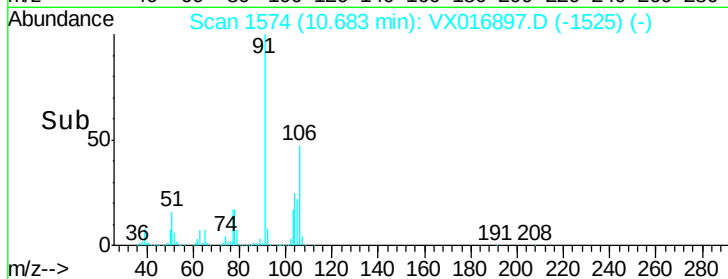
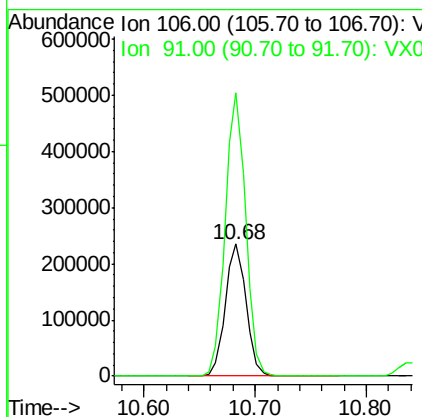
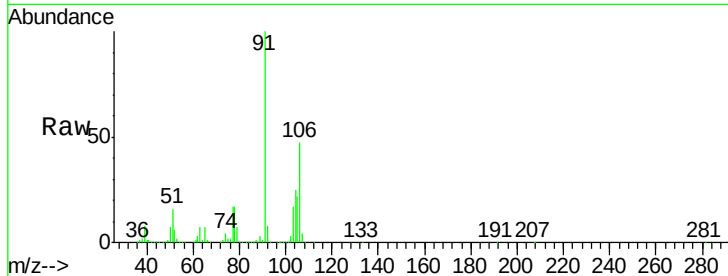
#69
o-Xylene
Concen: 53.148 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.2	107.9	301550		323.7

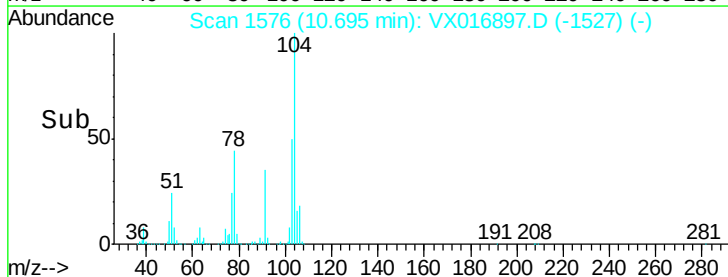
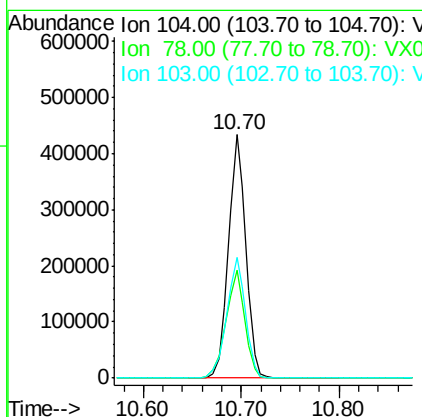
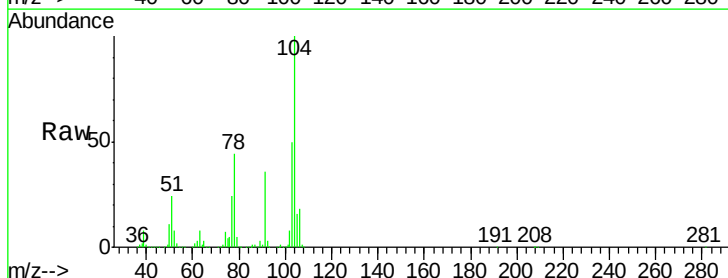
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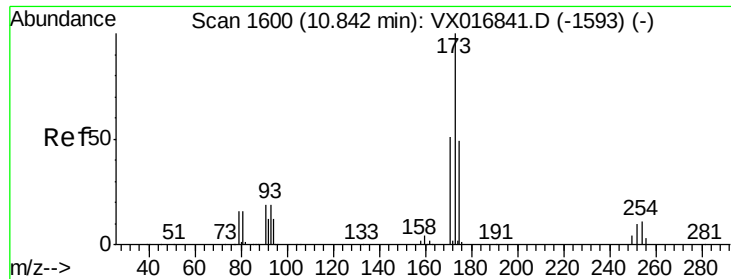
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#70
Styrene
Concen: 55.430 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.3	39.6	534360		59.4
103	53.6	43.3			64.9





#71

Bromoform

Concen: 51.897 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

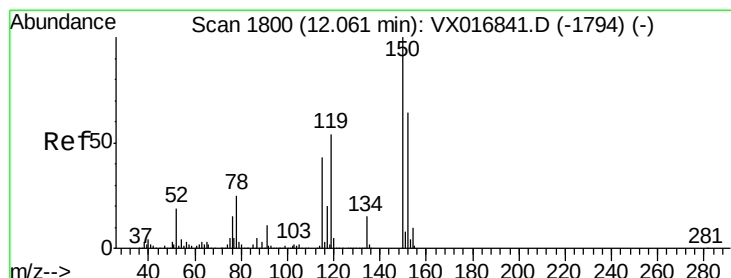
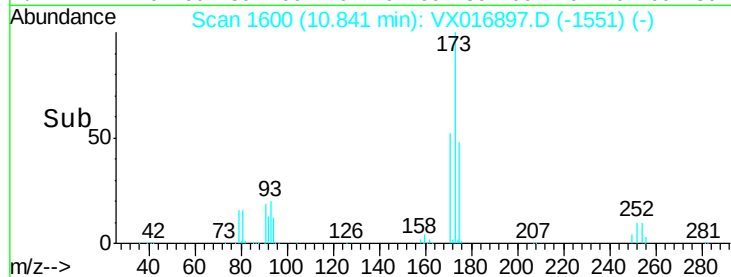
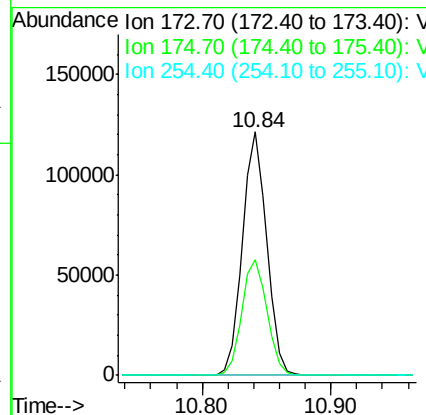
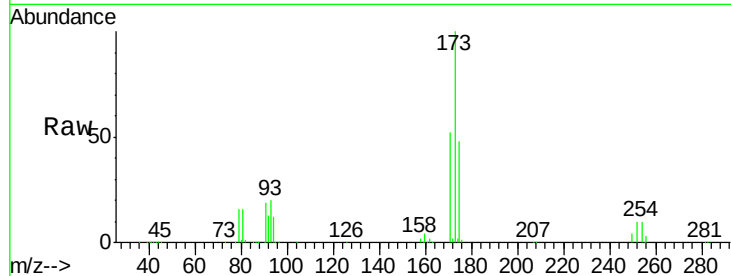
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	158041
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.3	73.0
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

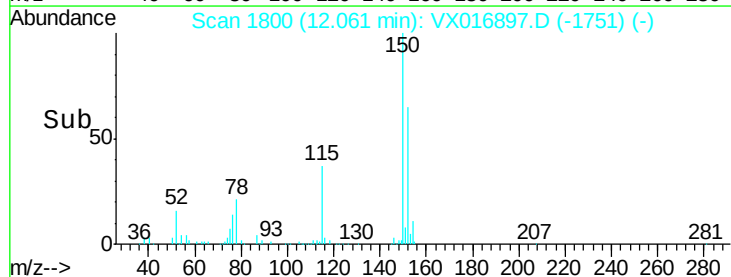
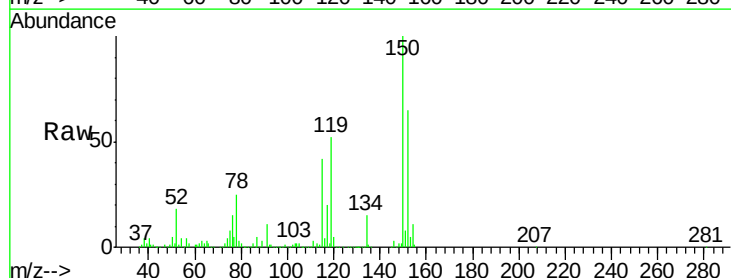
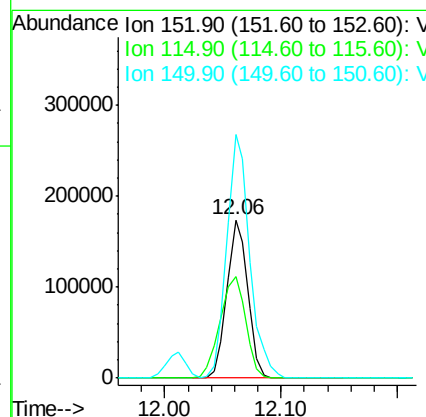
RT: 12.06 min Scan# 1800

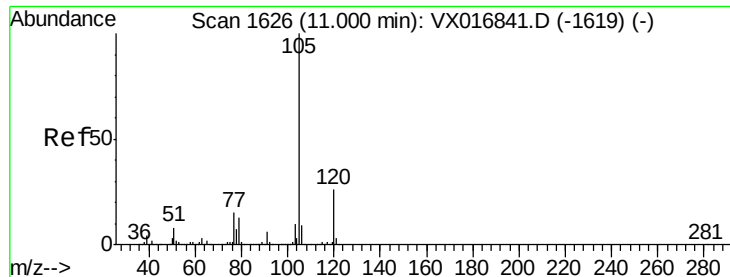
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	152	Resp:	214004
Ion Ratio	Lower	Upper	
152	100		
115	78.9	40.9	122.8
150	169.9	0.0	344.2





#73

Isopropylbenzene

Concen: 57.091 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 786646

Ion Ratio Lower Upper

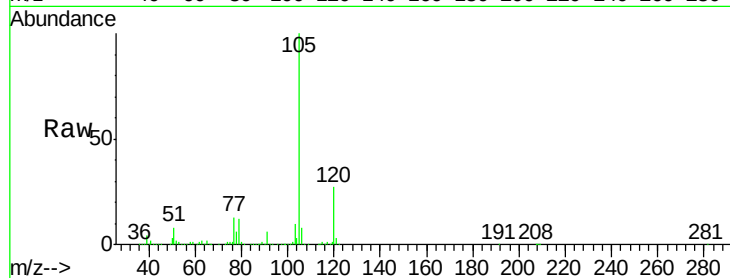
105 100

120 26.4 13.2 39.6

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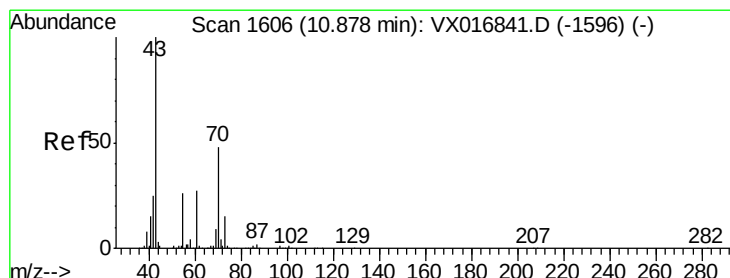
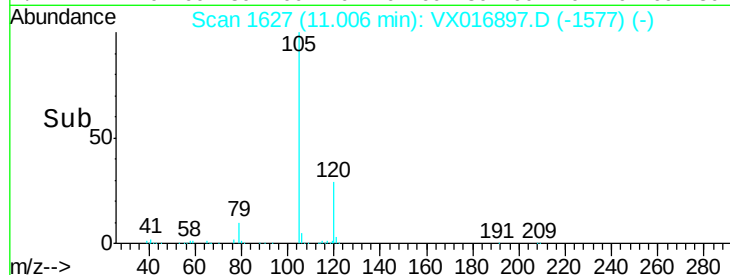
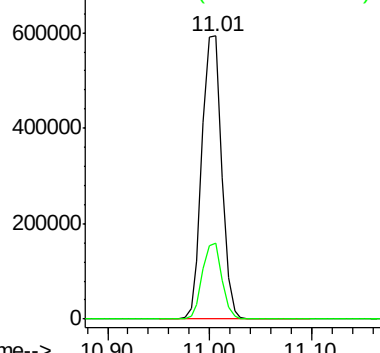
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 69.741 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion: 43 Resp: 335553

Ion Ratio Lower Upper

43 100

70 47.7 39.9 59.9

55 25.6 21.8 32.6

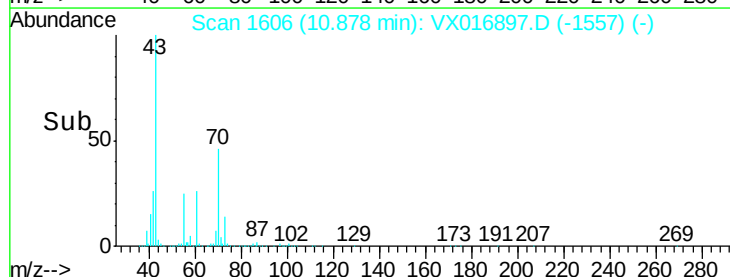
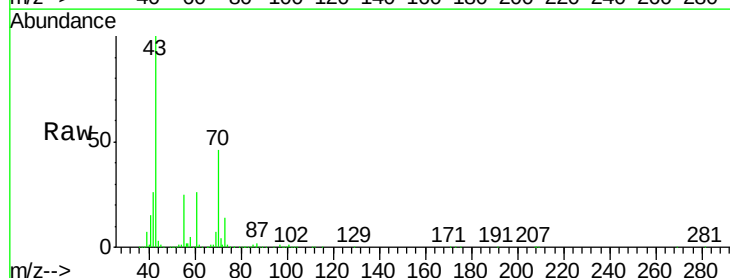
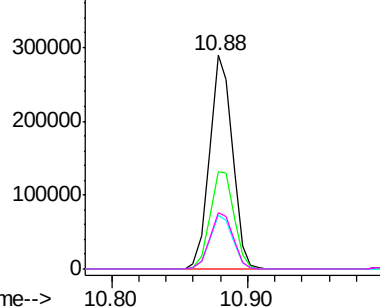
61 27.0 22.2 33.4

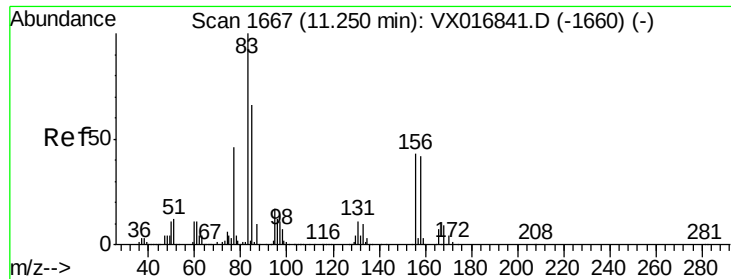
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.574 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

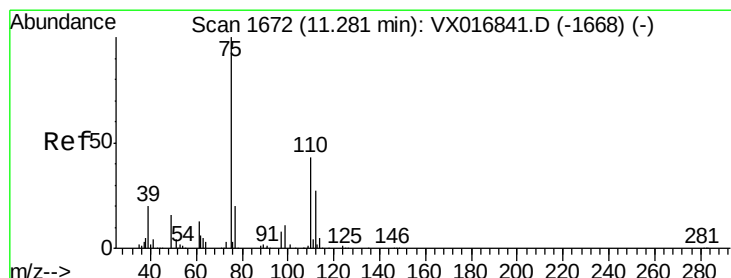
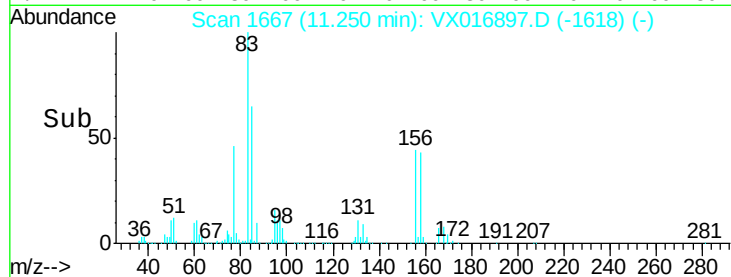
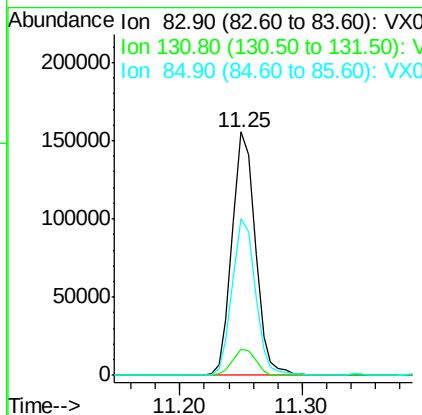
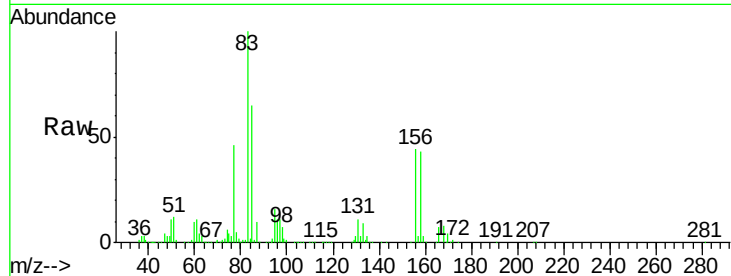
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	204550
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	64.6	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 51.866 ug/l m

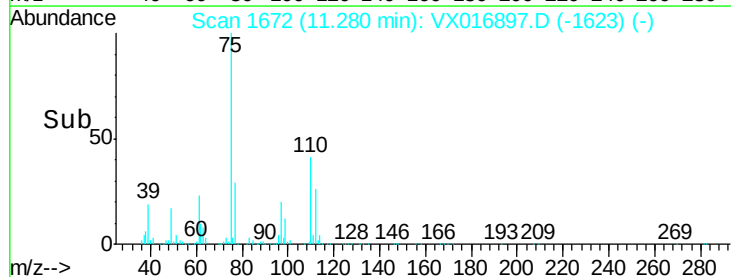
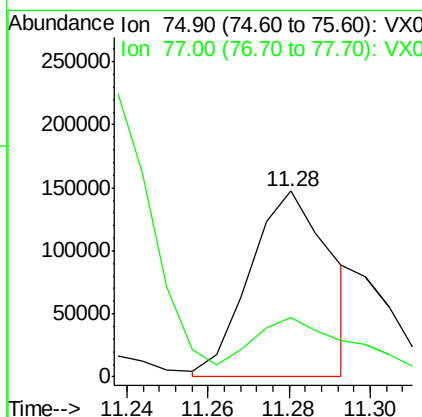
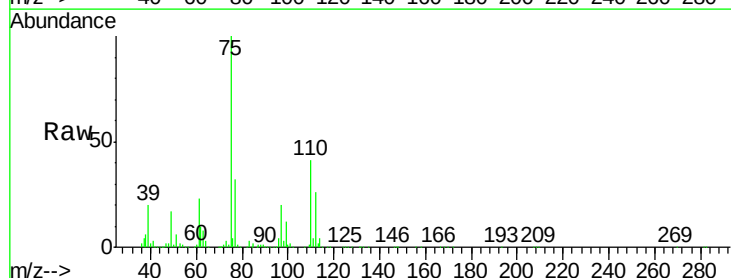
RT: 11.28 min Scan# 1672

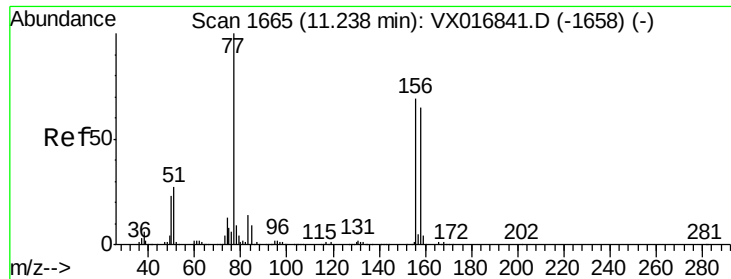
Delta R.T. 0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	75	Resp:	202716
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.5	61.5





#77

Bromobenzene

Concen: 50.685 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

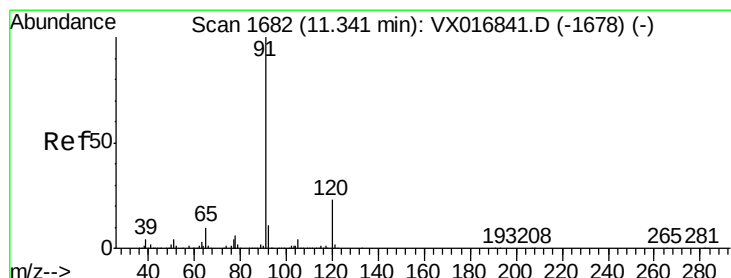
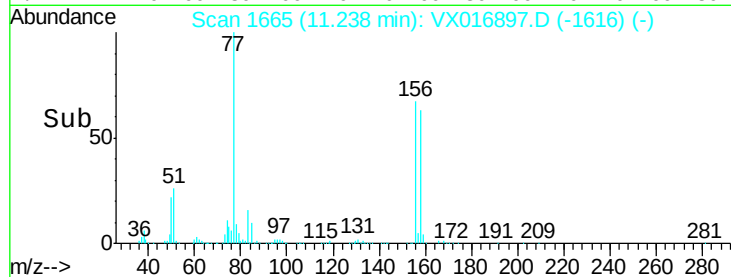
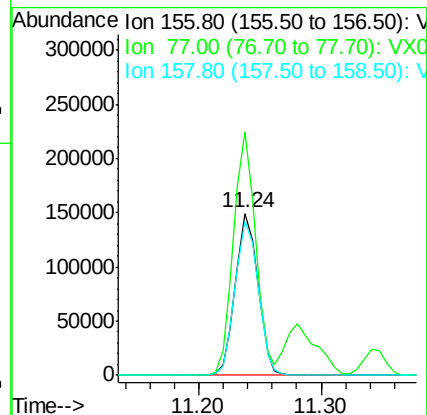
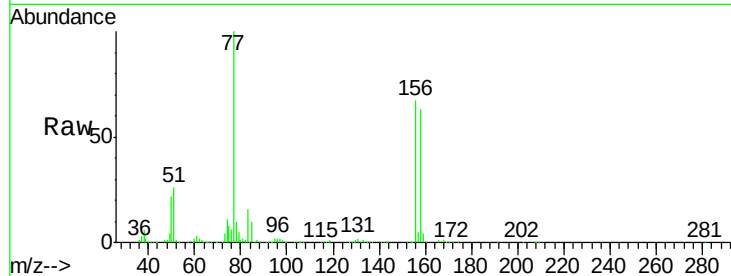
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	190463
Ion Ratio	Lower	Upper	
156	100		
77	148.1	73.4	220.2
158	97.5	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.475 ug/l

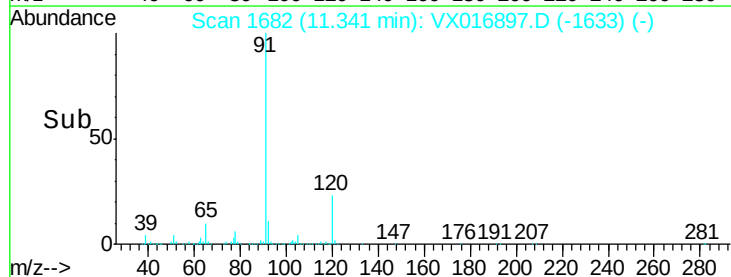
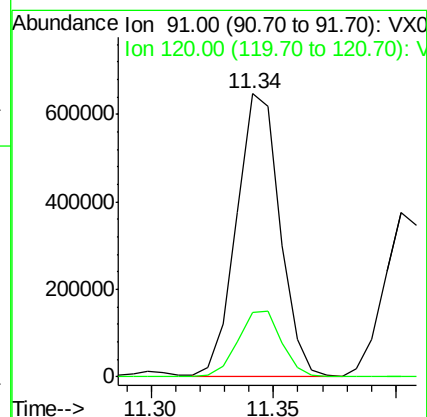
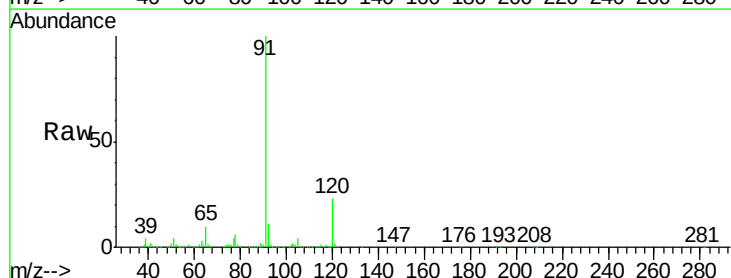
RT: 11.34 min Scan# 1682

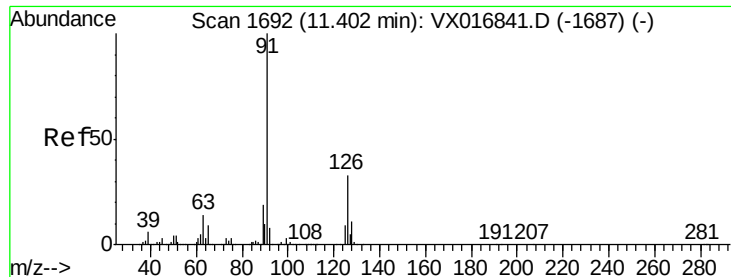
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	91	Resp:	791554
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





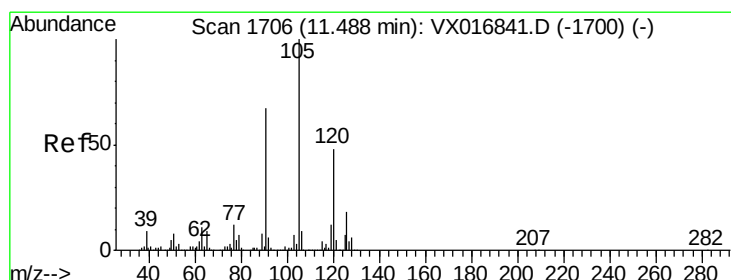
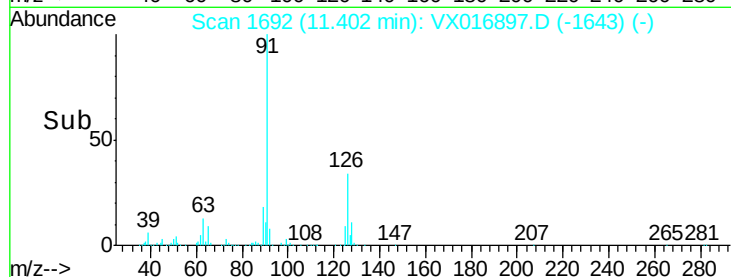
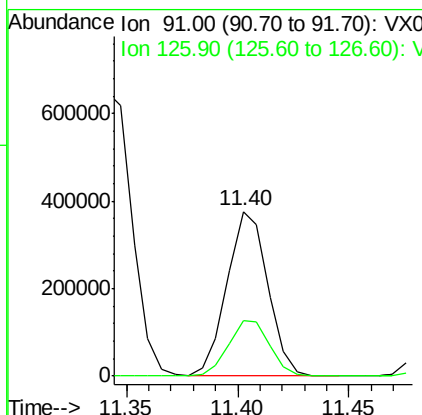
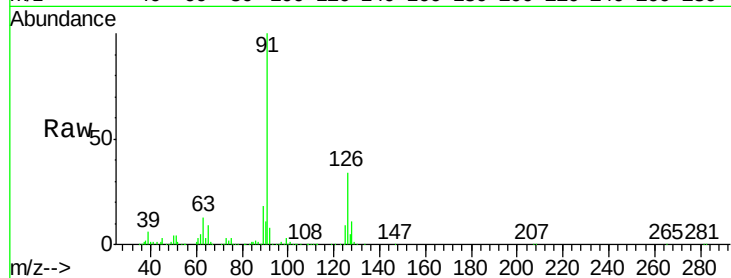
#79
2-Chlorotoluene
Concen: 50.892 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.2	51.5

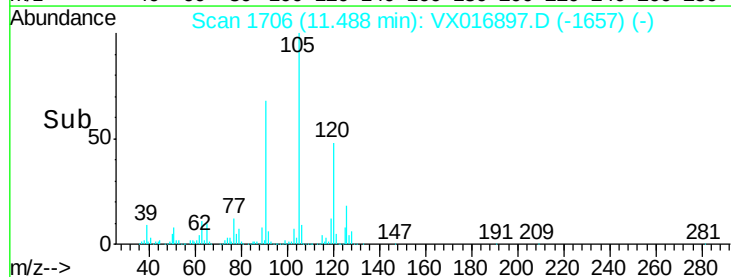
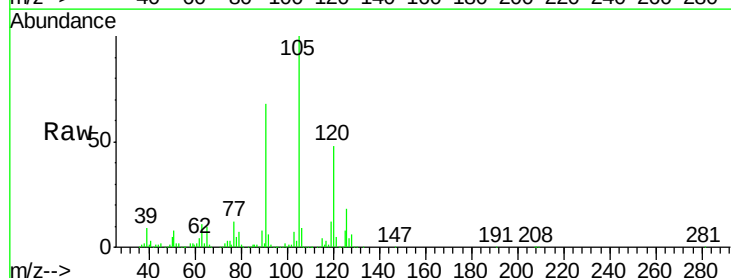
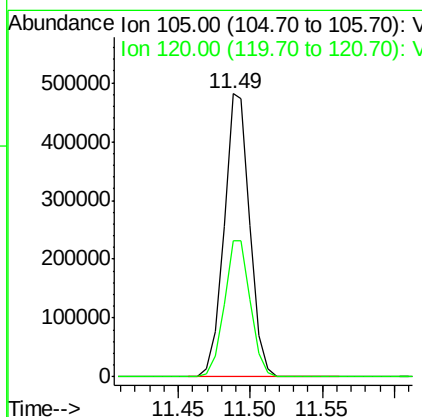
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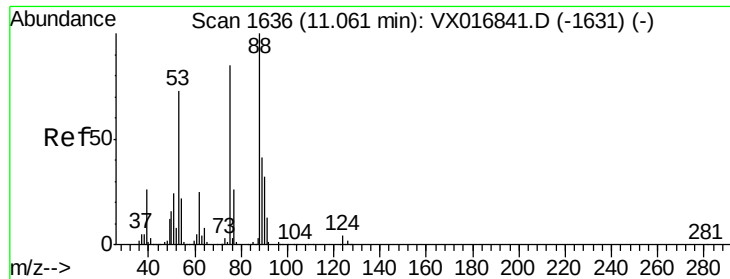
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.616 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.6	74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.141 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

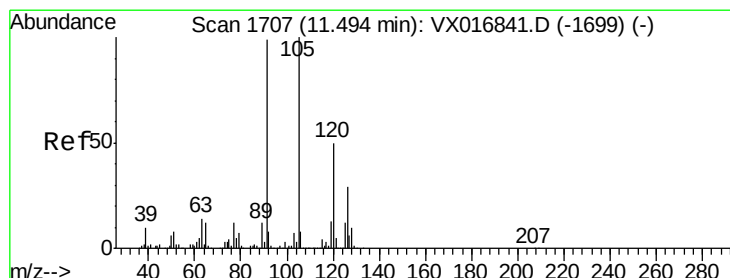
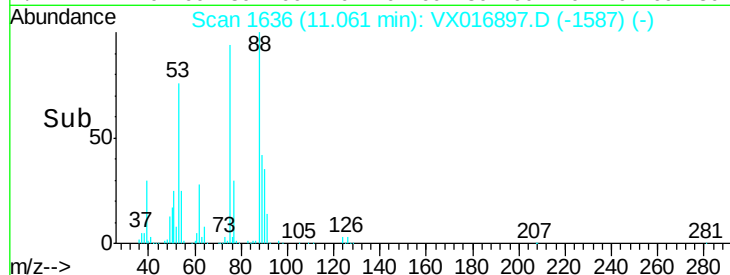
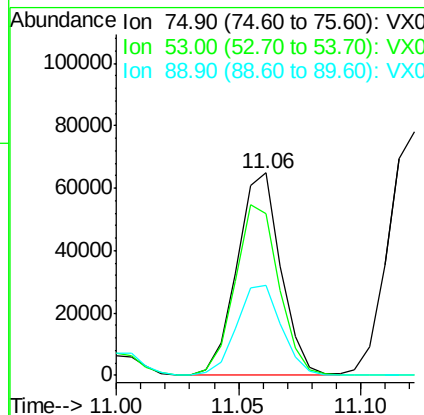
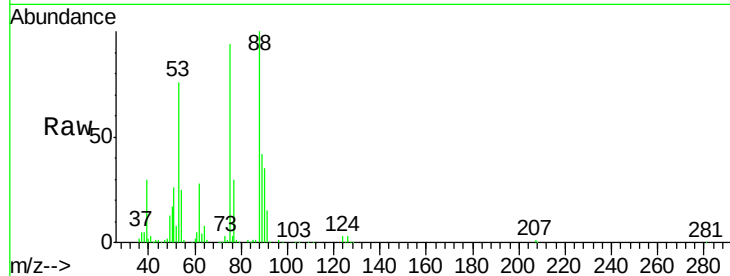
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	80026
Ion	Ratio	Lower	Upper
75	100		
53	85.3	69.8	104.8
89	45.9	38.3	57.5

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#82

4-Chlorotoluene

Concen: 49.594 ug/l

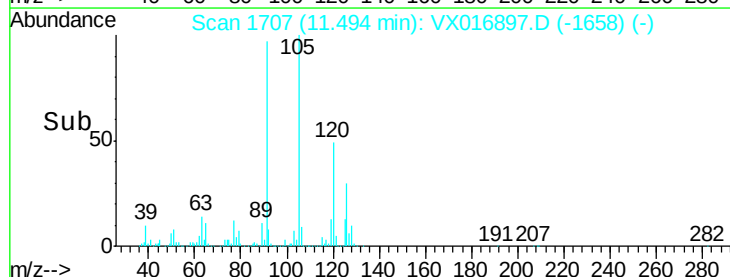
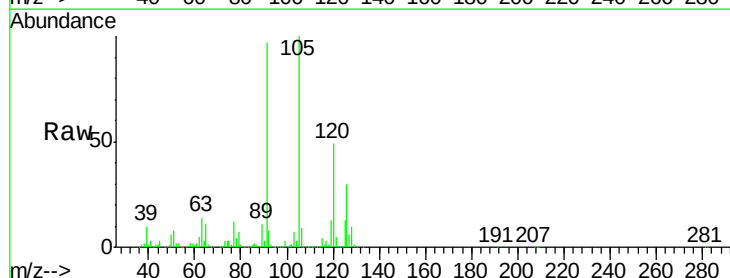
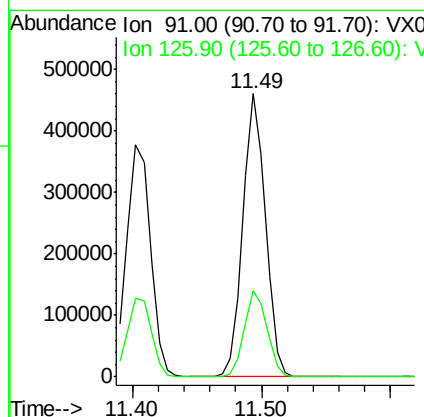
RT: 11.49 min Scan# 1707

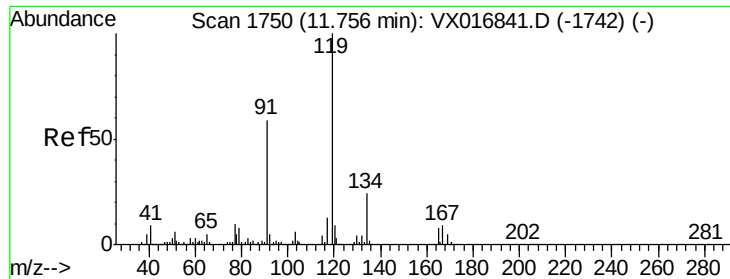
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	91	Resp:	559781
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.0	45.0





#83

tert-Butylbenzene

Concen: 48.326 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

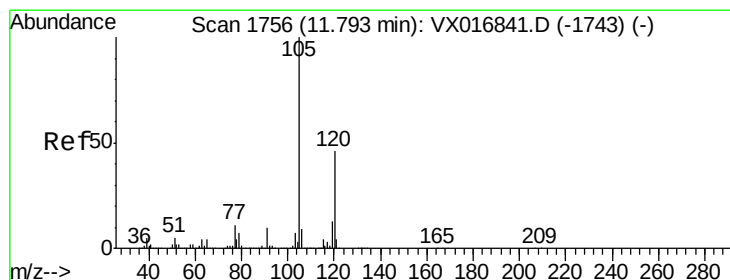
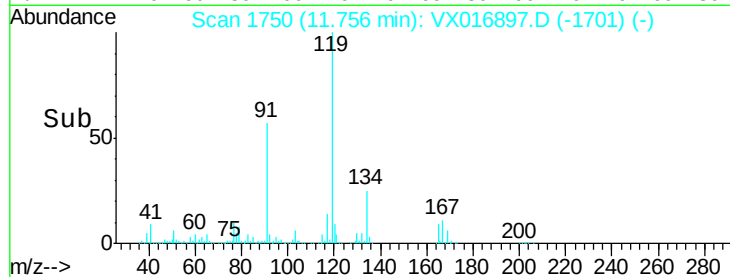
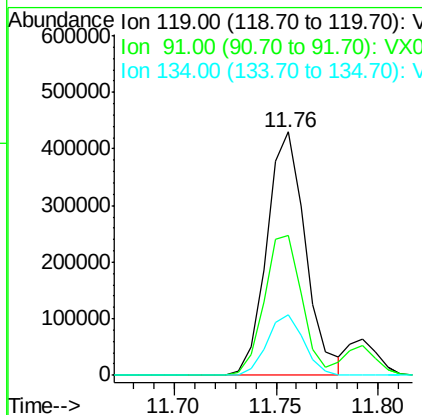
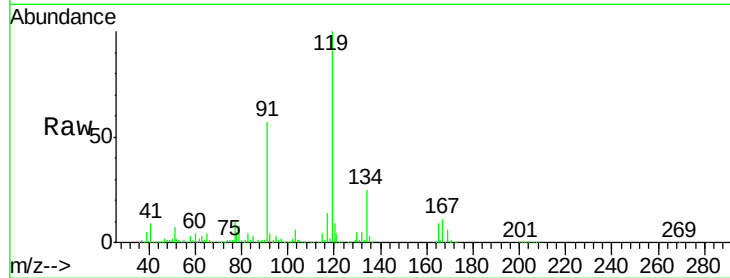
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	568439
Ion Ratio	Lower	Upper	
119	100		
91	55.9	28.5	85.5
134	23.5	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 50.453 ug/l

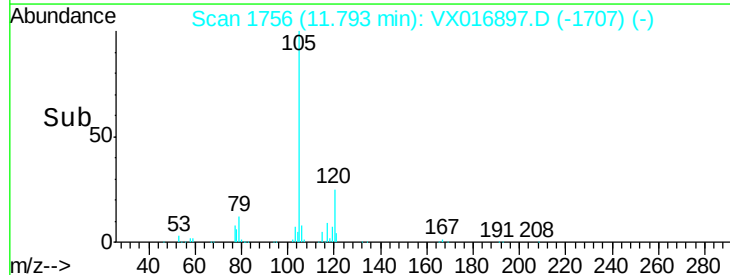
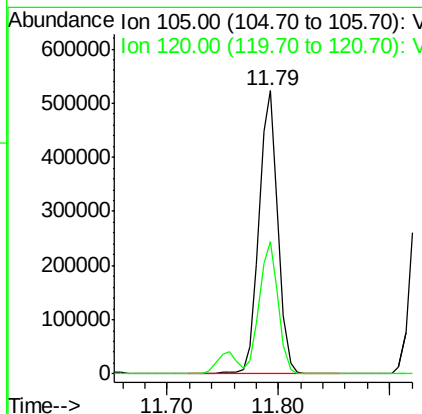
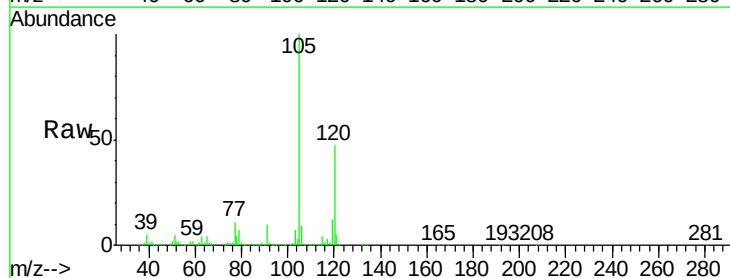
RT: 11.79 min Scan# 1756

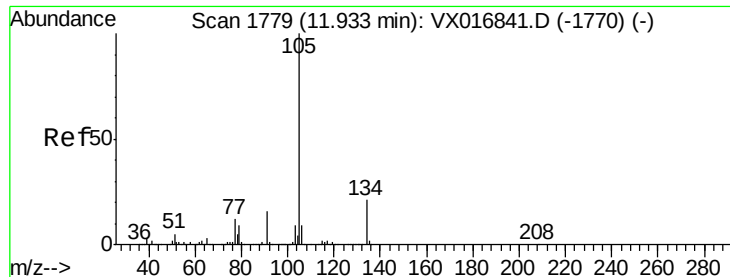
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	105	Resp:	617859
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.3	66.9





#85

sec-Butylbenzene

Concen: 47.570 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 649847

Ion Ratio Lower Upper

105 100

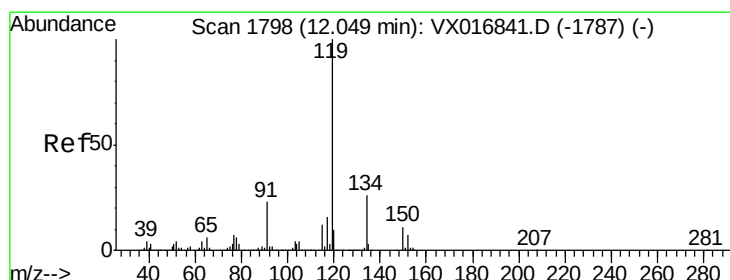
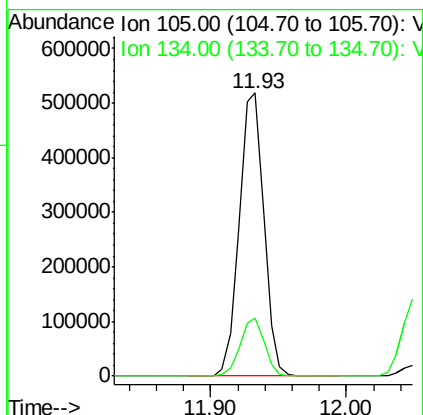
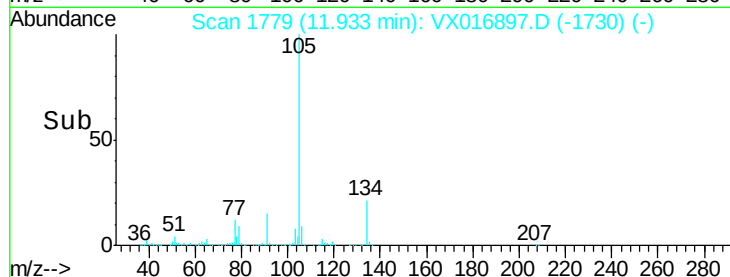
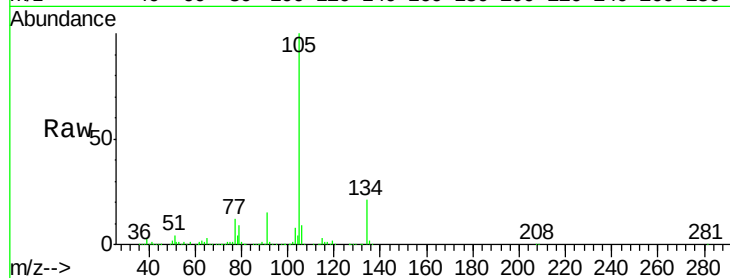
134 20.3 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 49.772 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

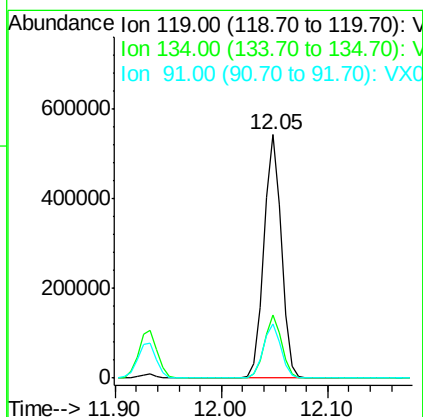
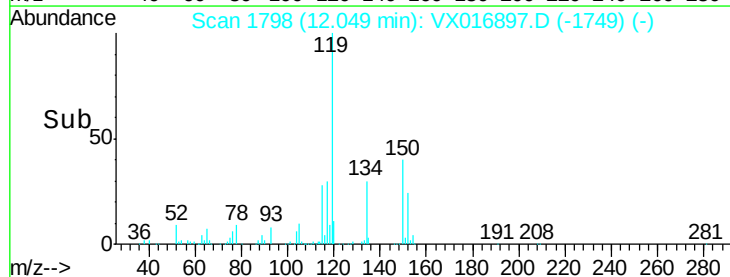
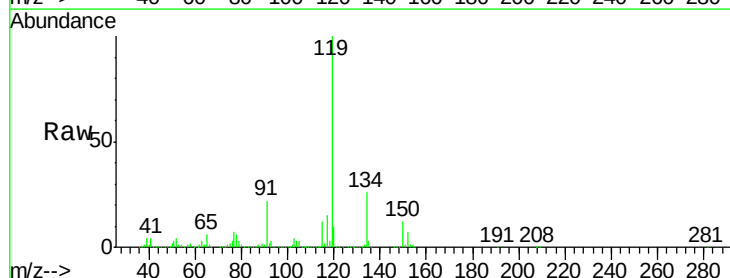
Tgt Ion:119 Resp: 622977

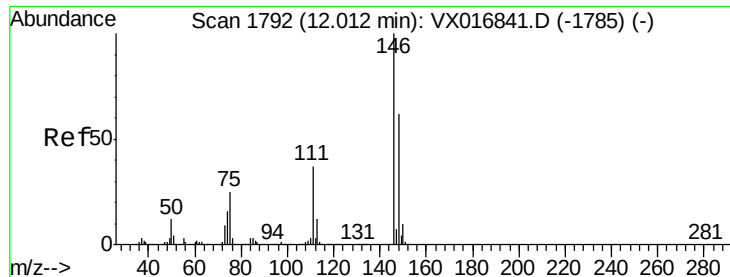
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 22.7 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.241 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

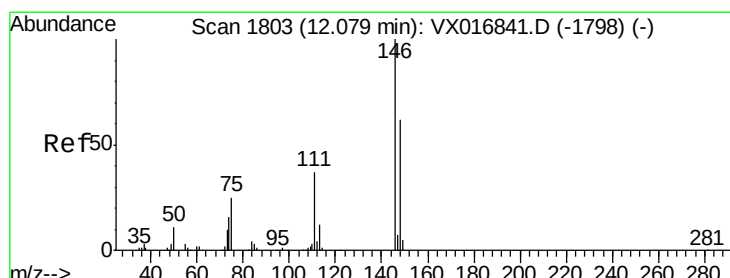
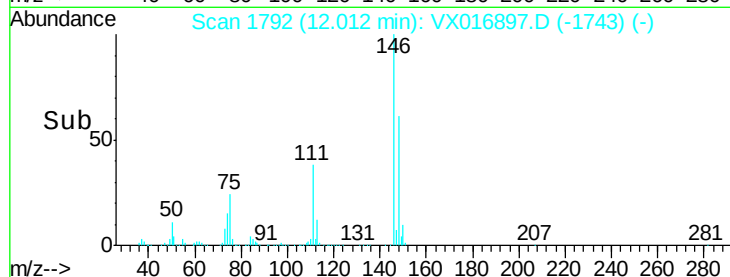
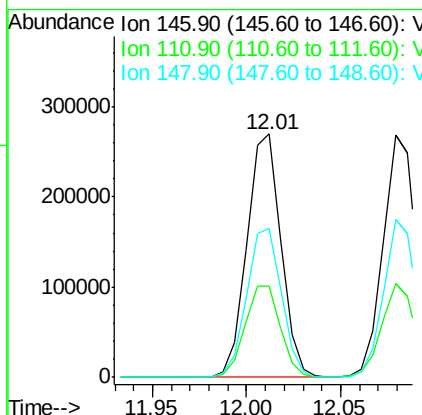
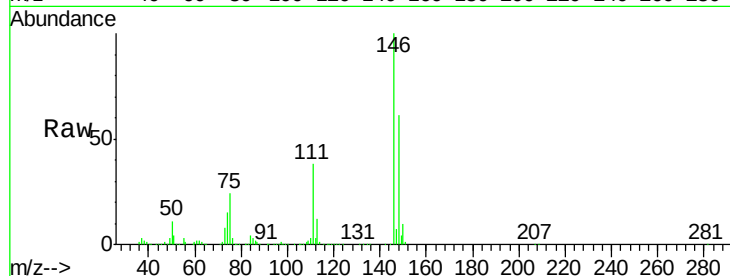
Instrument :
MSVOA_X

ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	62.5	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 47.607 ug/l

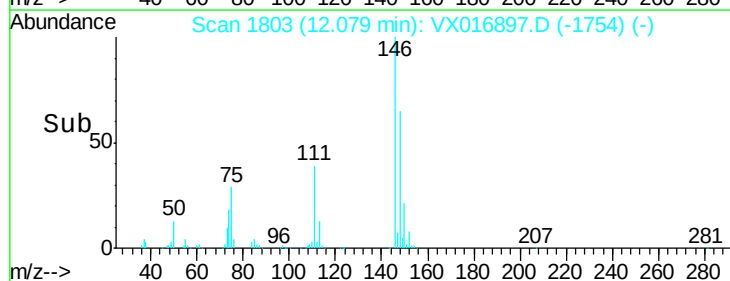
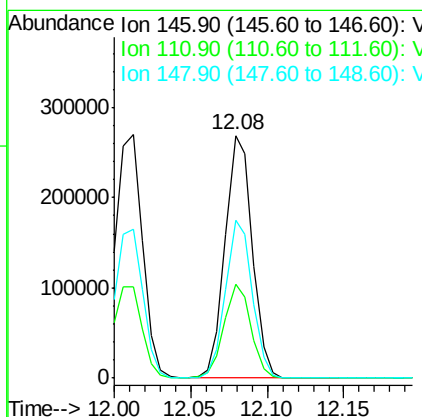
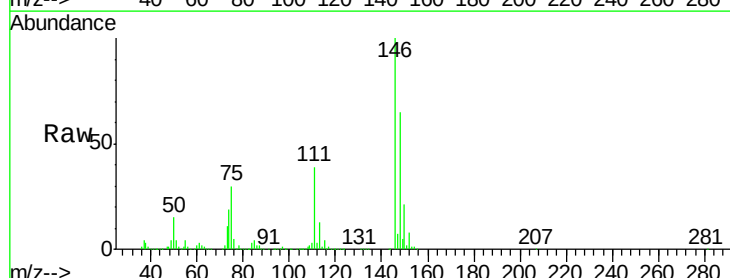
RT: 12.08 min Scan# 1803

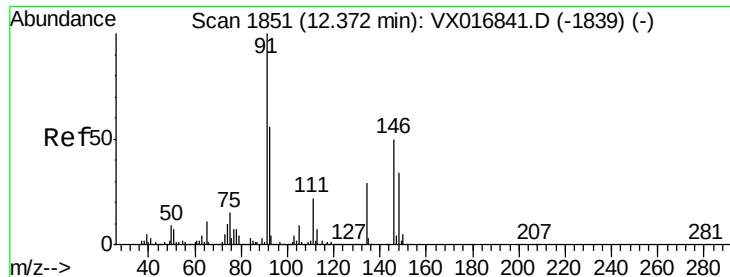
Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.5	31.6	95.0





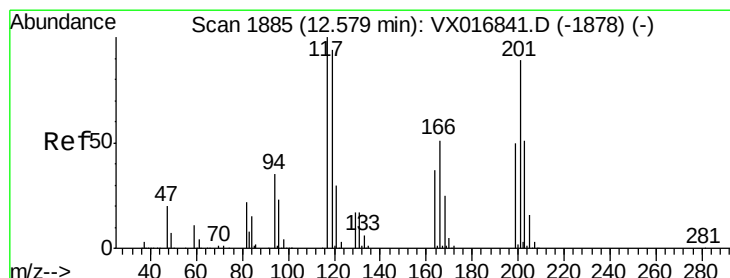
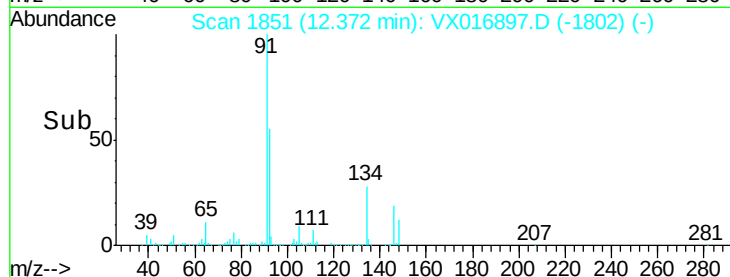
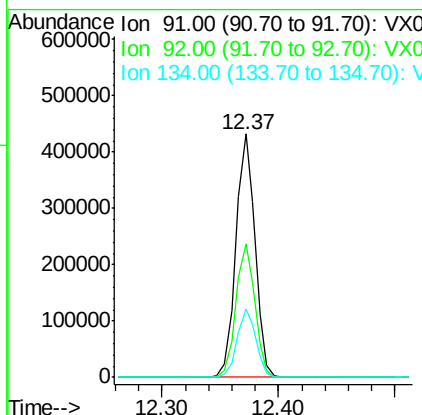
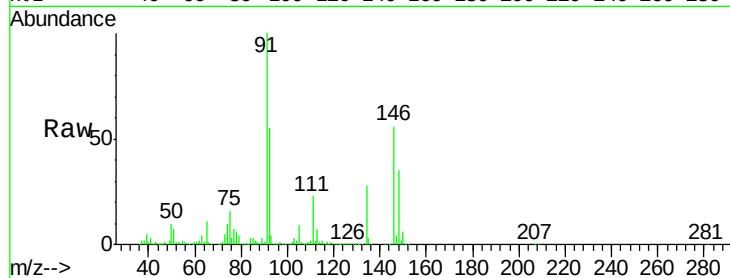
#89
n-Butylbenzene
Concen: 45.982 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.4	82.2
134	27.8	13.9	41.6

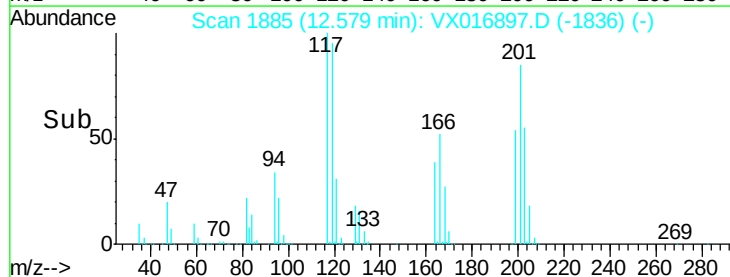
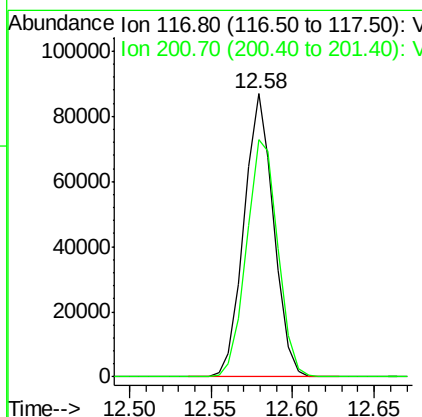
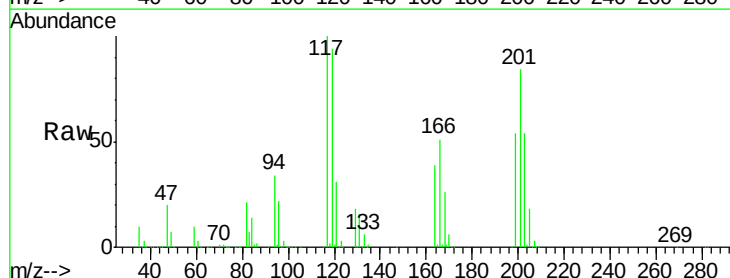
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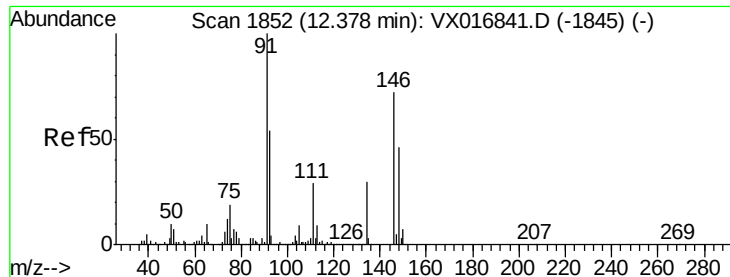
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#90
Hexachloroethane
Concen: 48.712 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.9	134.5





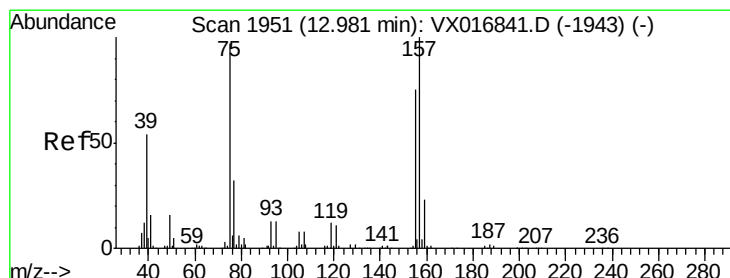
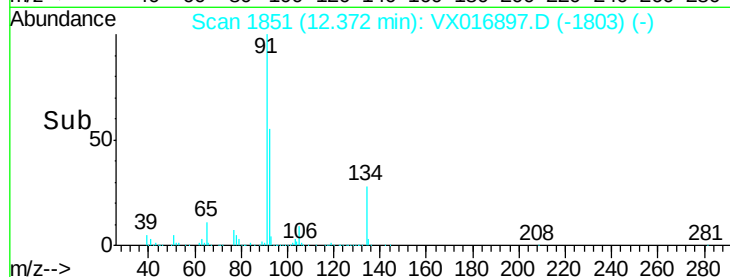
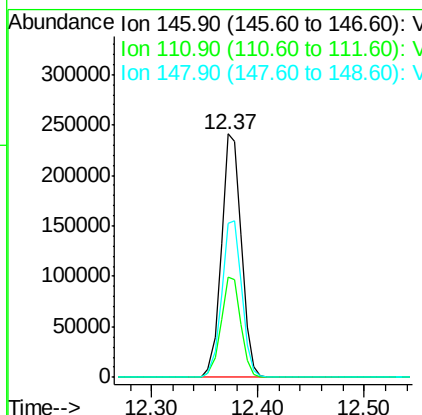
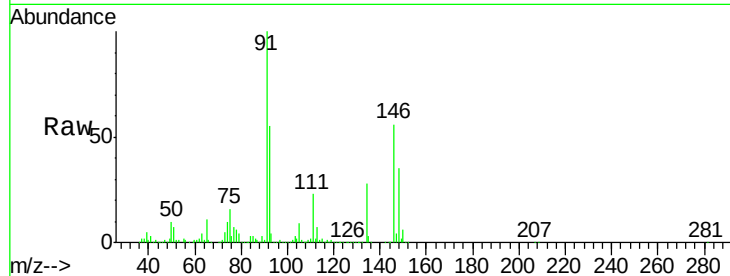
#91
 1,2-Dichlorobenzene
 Concen: 47.452 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	314498		
111	41.0	20.9	62.7	
148	64.6	32.9	98.6	

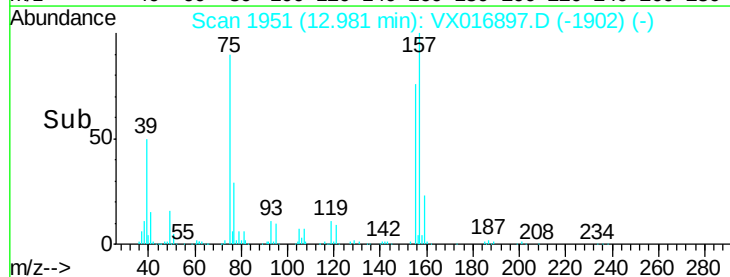
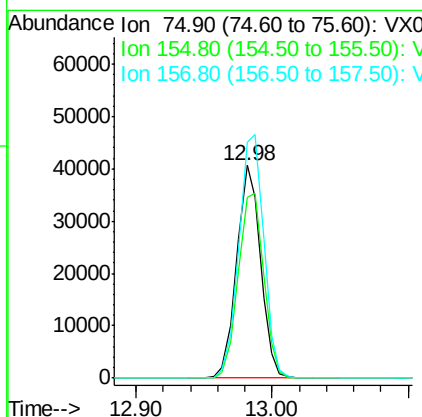
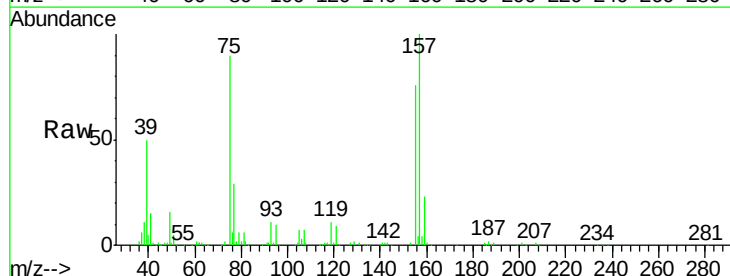
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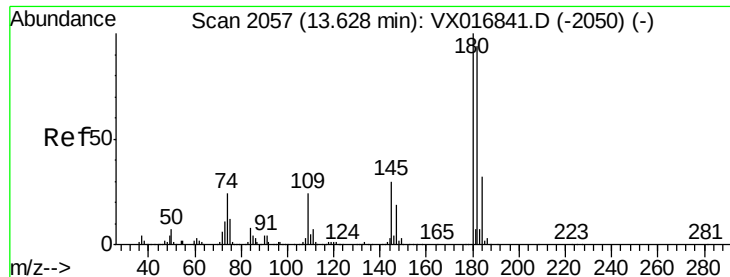
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.693 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49533		
155	93.0	46.4	139.1	
157	120.3	58.6	175.8	





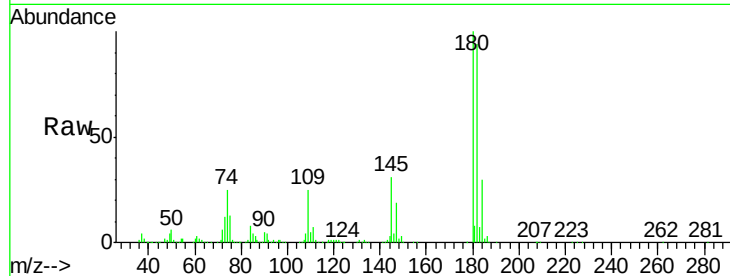
#93
1,2,4-Trichlorobenzene
Concen: 49.682 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

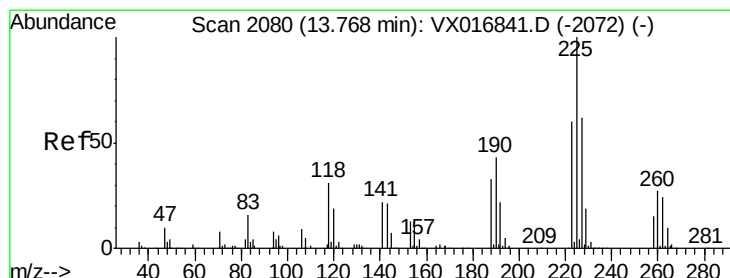
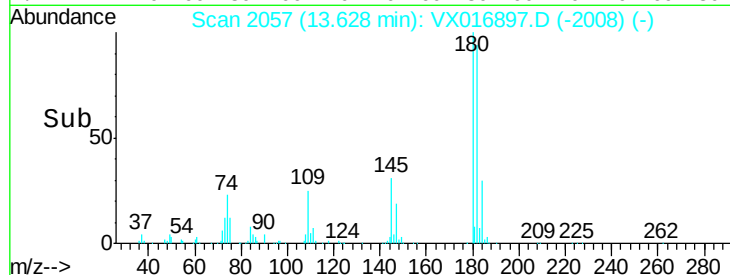
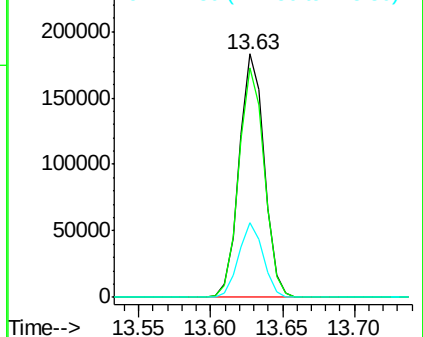
Tot Ion	Ratio	Resp	Lower	Upper
180	100	221111		
182	95.8	47.7	143.1	
145	30.0	15.0	45.1	

Manual Integrations
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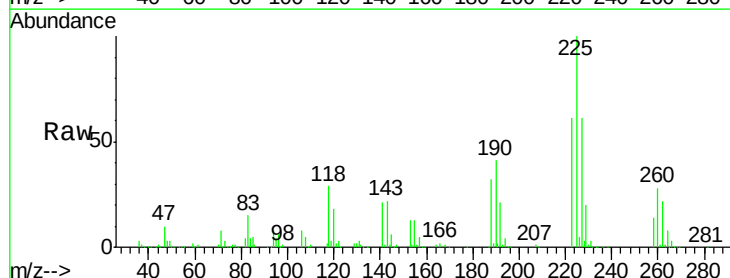


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

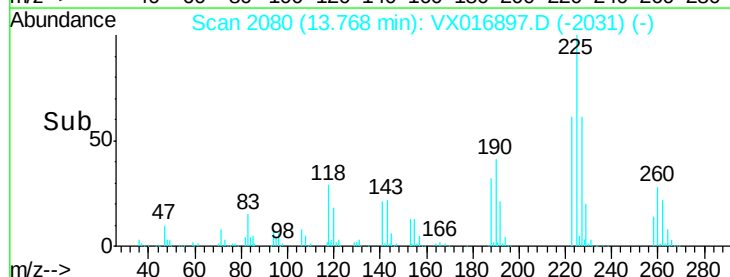
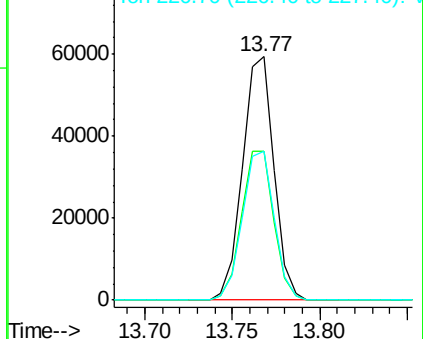


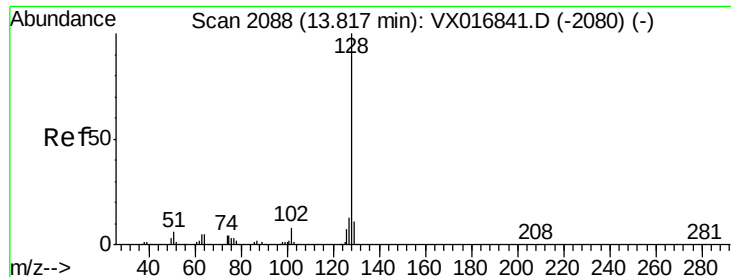
#94
Hexachlorobutadiene
Concen: 36.800 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73904		
223	62.8	32.1	96.5	
227	62.3	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.059 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

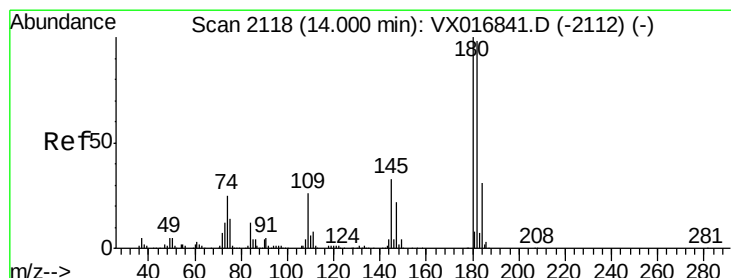
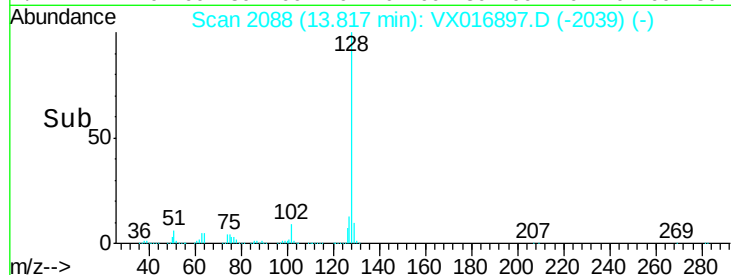
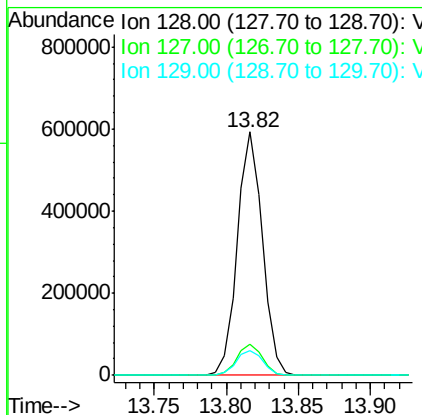
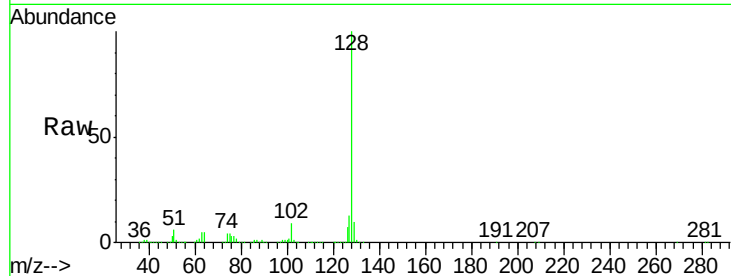
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	719405
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 12:23:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.708 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion:	180	Resp:	220618
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.3
145	31.7	16.0	48.0

