

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016195.D
 Acq On : 13 May 2020 21:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:02 PM

Quant Time: May 14 07:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	446482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165681	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.47	113	133263	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.70	98	519686	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.12	95	199666	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	142349	48.558	ug/l	99
3) Chloromethane	1.31	50	147569	43.346	ug/l	100
4) Vinyl Chloride	1.39	62	165312	45.513	ug/l	98
5) Bromomethane	1.62	94	74426	40.644	ug/l	97
6) Chloroethane	1.70	64	100138	45.311	ug/l	98
7) Trichlorofluoromethane	1.91	101	217495	45.610	ug/l	99
8) Diethyl Ether	2.17	74	90570	45.078	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125281	45.537	ug/l	99
10) Methyl Iodide	2.49	142	130838	35.405	ug/l	100
11) Tert butyl alcohol	3.02	59	210568	228.483	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128691	44.700	ug/l	98
13) Acrolein	2.27	56	127111	220.410	ug/l	99
14) Allyl chloride	2.70	41	237990	45.084	ug/l	96
15) Acrylonitrile	3.12	53	450110	235.432	ug/l	100
16) Acetone	2.42	43	357006	219.543	ug/l	97
17) Carbon Disulfide	2.55	76	376128	43.477	ug/l	99
18) Methyl Acetate	2.75	43	195855	48.985	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	491459	49.519	ug/l	99
20) Methylene Chloride	2.84	84	152796	45.580	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145571	45.374	ug/l	98
22) Diisopropyl ether	3.82	45	472046	47.400	ug/l	94
23) Vinyl Acetate	3.79	43	2077071	237.067	ug/l	99
24) 1,1-Dichloroethane	3.67	63	269340	48.348	ug/l	99
25) 2-Butanone	4.64	43	619794	236.531	ug/l	99
26) 2,2-Dichloropropane	4.55	77	211714	41.614	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	170048	48.482	ug/l	96
28) Bromochloromethane	4.98	49	125288	49.321	ug/l	97
29) Tetrahydrofuran	5.09	42	405007	233.265	ug/l	98
30) Chloroform	5.18	83	268744	48.451	ug/l	100
31) Cyclohexane	5.55	56	232970	46.015	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242617	48.120	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201894	45.937	ug/l	99
37) Ethyl Acetate	4.79	43	236368	46.402	ug/l	99
38) Carbon Tetrachloride	5.76	117	213037	47.689	ug/l	94

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MMDadoda
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Quant Time: May 14 07:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229557	43.372	ug/l	99
40) Benzene	6.11	78	615286	47.847	ug/l	100
41) Methacrylonitrile	5.01	41	126862	46.115	ug/l	98
42) 1,2-Dichloroethane	6.17	62	215051	46.423	ug/l	99
43) Isopropyl Acetate	6.42	43	378481	46.568	ug/l	99
44) Trichloroethene	7.19	130	203401	44.522	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160071	49.194	ug/l	98
46) Dibromomethane	7.64	93	104051	47.055	ug/l	98
47) Bromodichloromethane	7.88	83	219571	48.755	ug/l	100
48) Methyl methacrylate	7.74	41	179612	46.638	ug/l	96
49) 1,4-Dioxane	7.71	88	84462	914.440	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1196048	240.481	ug/l	98
52) Toluene	8.77	92	388850	48.512	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	252358	46.997	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	266883	47.584	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	155764	49.392	ug/l	97
56) Ethyl methacrylate	9.16	69	256722	49.871	ug/l	96
57) 1,3-Dichloropropane	9.35	76	269610	48.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	674475	246.114	ug/l	100
59) 2-Hexanone	9.48	43	927682	237.510	ug/l	98
60) Dibromochloromethane	9.57	129	175282	50.466	ug/l	99
61) 1,2-Dibromoethane	9.65	107	166849	48.844	ug/l	98
64) Tetrachloroethene	9.32	164	233561	45.554	ug/l	97
65) Chlorobenzene	10.12	112	408762	46.742	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	159882	49.464	ug/l	98
67) Ethyl Benzene	10.24	91	735624	47.145	ug/l	98
68) m/p-Xylenes	10.34	106	561613	96.068	ug/l	99
69) o-Xylene	10.68	106	272662	48.522	ug/l	98
70) Styrene	10.70	104	470976	49.403	ug/l	99
71) Bromoform	10.84	173	135143	51.319	ug/l #	100
73) Isopropylbenzene	11.00	105	728491	46.336	ug/l	98
74) N-amyl acetate	10.88	43	328328	44.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167021	53.599	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	228539m	46.592	ug/l	
77) Bromobenzene	11.24	156	186291	45.906	ug/l	99
78) n-propylbenzene	11.34	91	828410	45.293	ug/l	99
79) 2-Chlorotoluene	11.40	91	493419	45.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608230	45.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	91805	44.602	ug/l	98
82) 4-Chlorotoluene	11.49	91	580941	45.568	ug/l	99
83) tert-Butylbenzene	11.76	119	527643	46.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	619983	46.197	ug/l	99
85) sec-Butylbenzene	11.93	105	688784	44.593	ug/l	100
86) p-Isopropyltoluene	12.05	119	645079	44.982	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329938	45.281	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	333632	45.112	ug/l	99
89) n-Butylbenzene	12.37	91	551994	42.133	ug/l	99
90) Hexachloroethane	12.58	117	113635	46.138	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	326862	46.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56811	43.945	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227681	43.831	ug/l	98
94) Hexachlorobutadiene	13.77	225	87618	39.285	ug/l	100
95) Naphthalene	13.82	128	779968	46.372	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227900	44.892	ug/l	99

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



#1

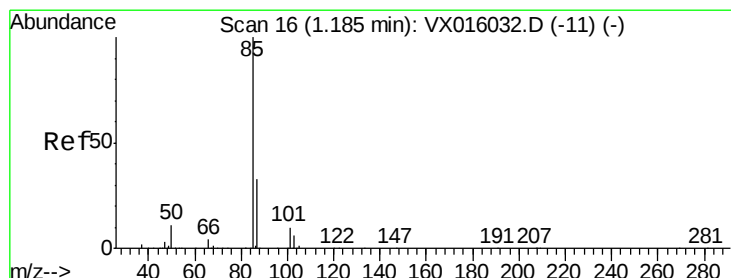
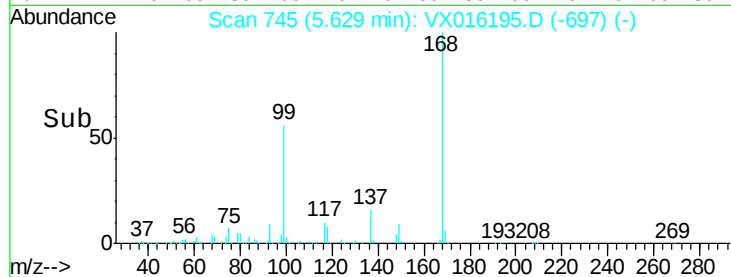
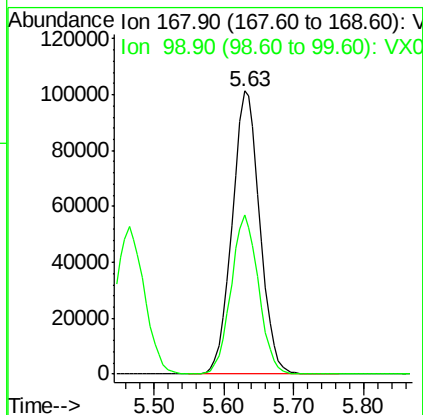
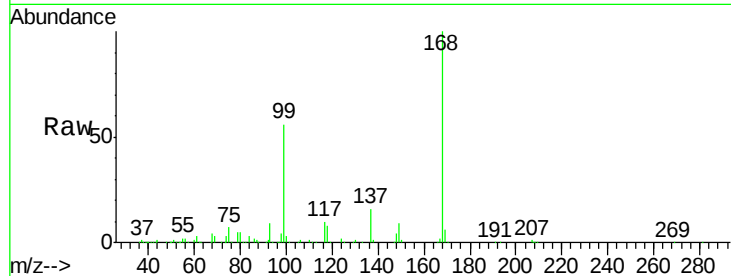
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.0	45.0	67.4

Manual Integrations
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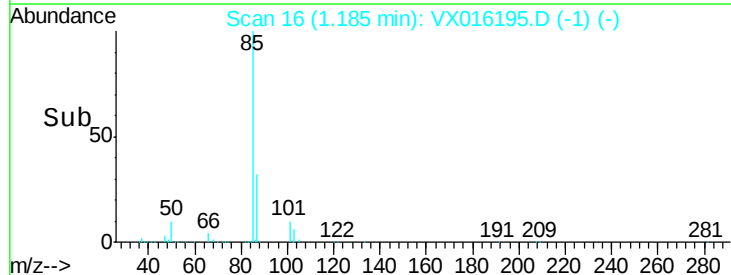
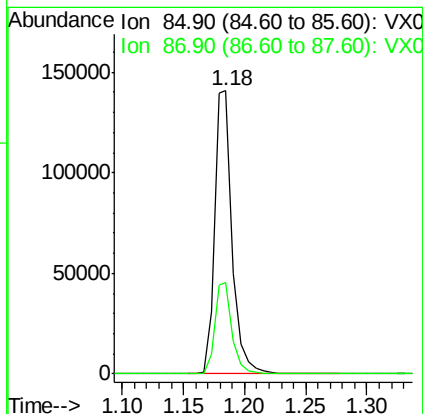
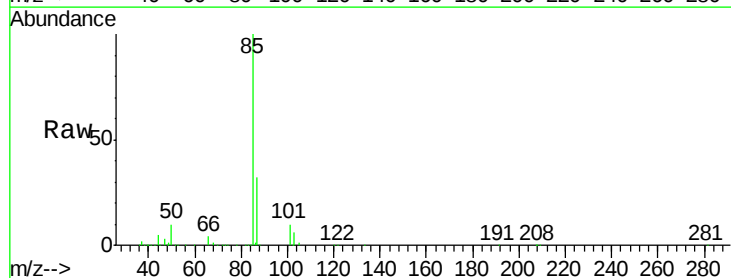
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#2

Dichlorodifluoromethane
 Concen: 48.558 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.4	49.1





#3

Chloromethane

Concen: 43.346 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 147569

Ion Ratio Lower Upper

50 100

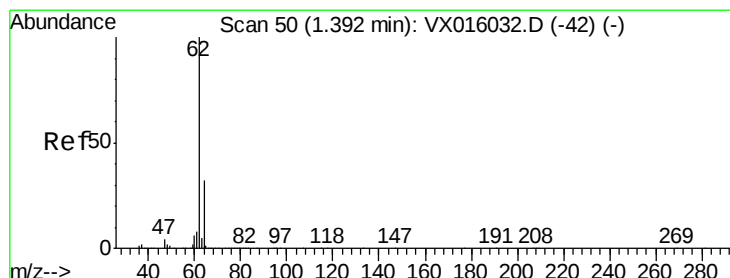
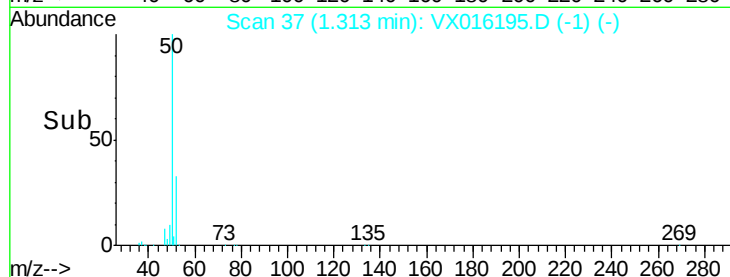
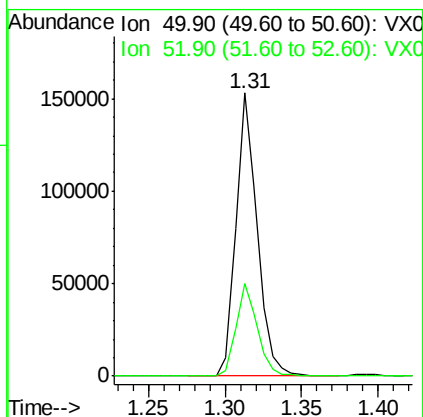
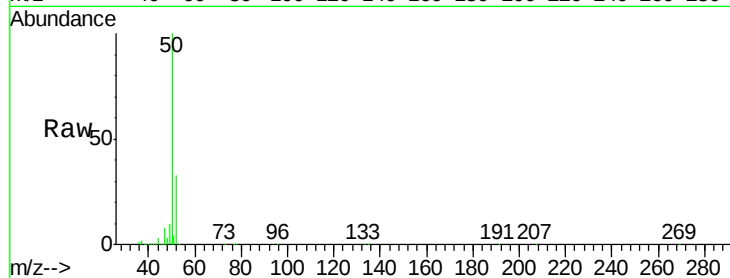
52 32.8 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.513 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016195.D

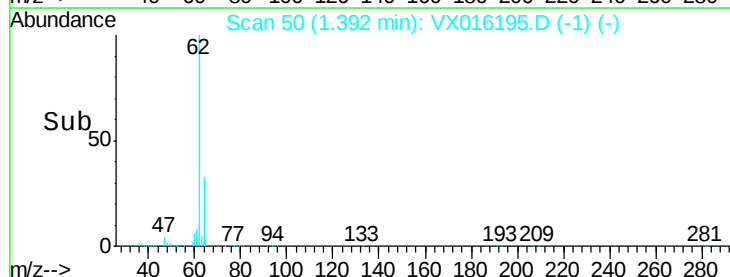
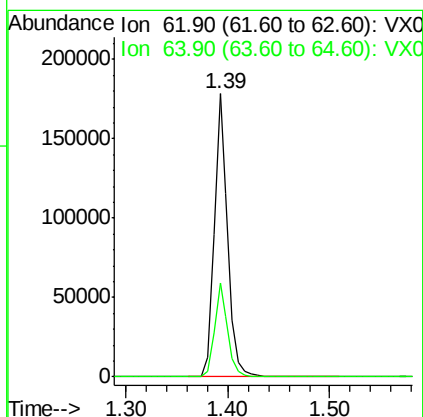
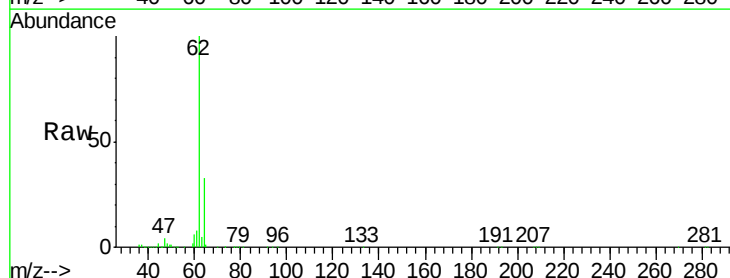
Acq: 13 May 2020 21:30

Tgt Ion: 62 Resp: 165312

Ion Ratio Lower Upper

62 100

64 33.1 25.7 38.5





#5

Bromomethane

Concen: 40.644 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74426

Ion Ratio Lower Upper

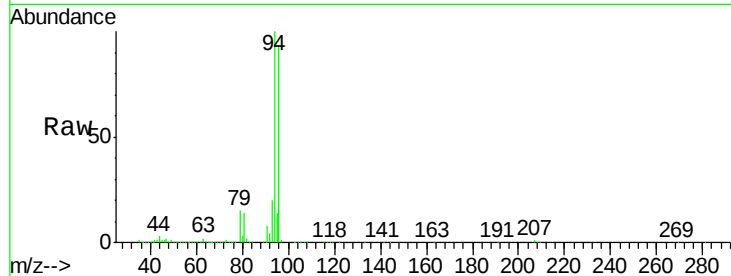
94 100

96 92.9 76.9 115.3

Manual Integrations
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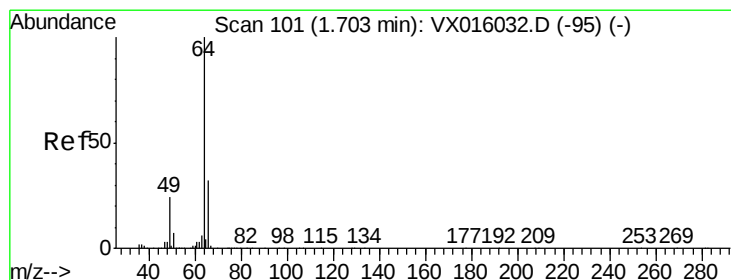
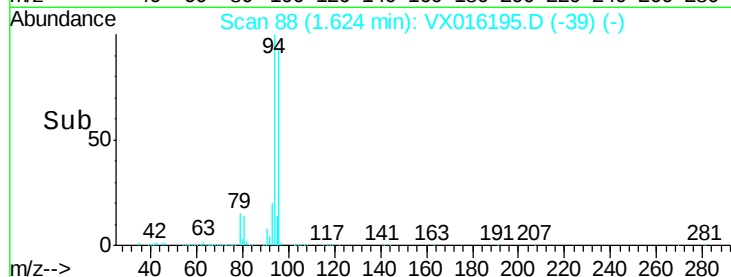
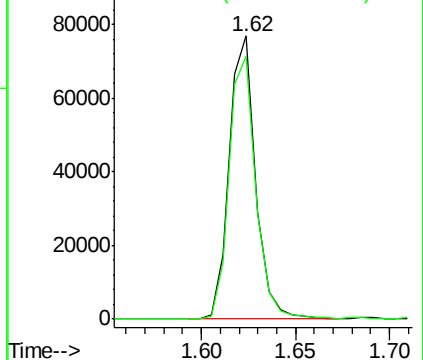
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.311 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016195.D

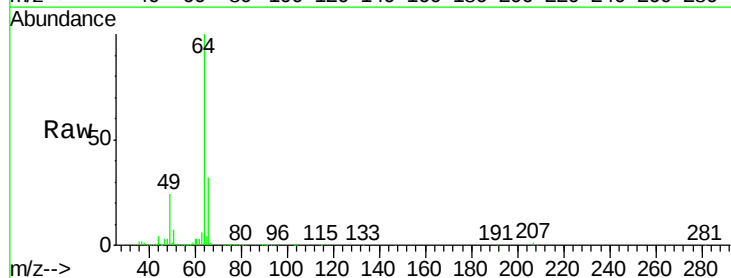
Acq: 13 May 2020 21:30

Tgt Ion: 64 Resp: 100138

Ion Ratio Lower Upper

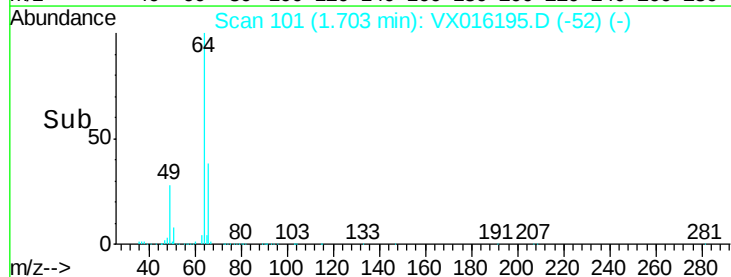
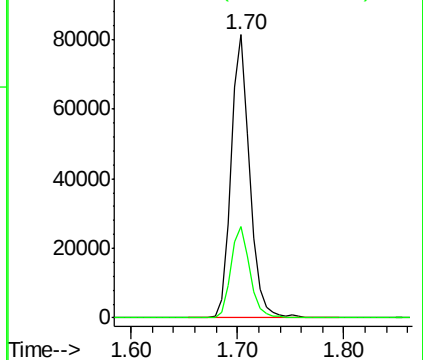
64 100

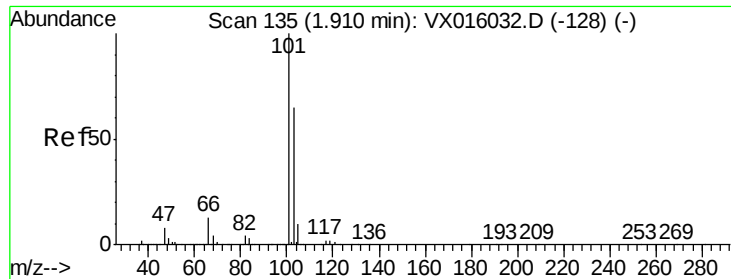
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

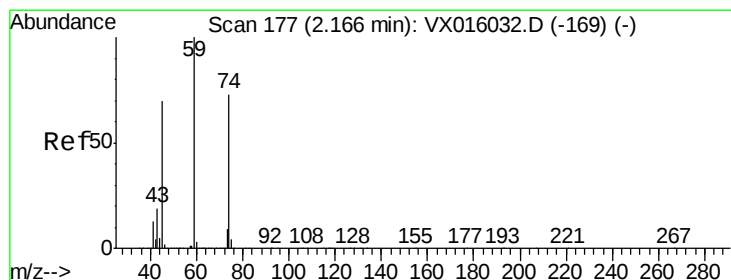
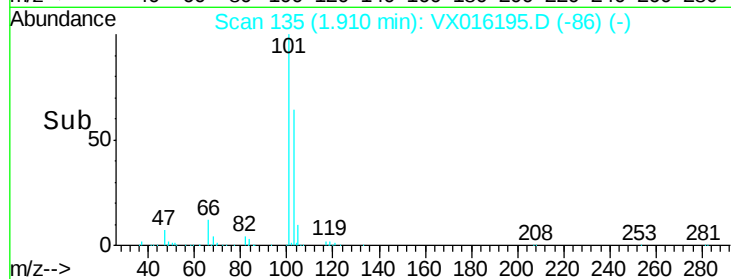
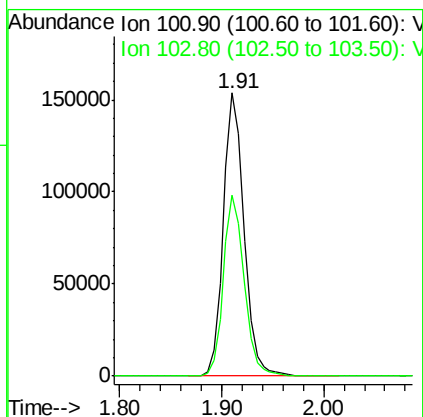
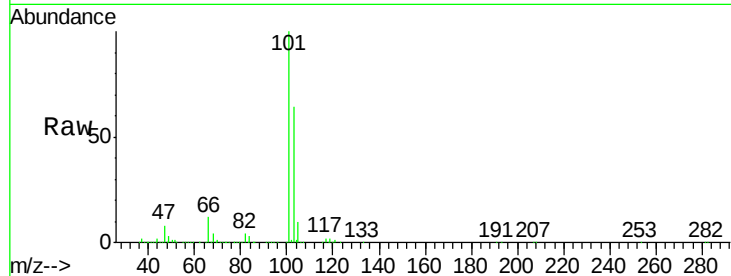
Trichlorofluoromethane
Concen: 45.610 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		217495		
103	63.9	51.8	77.6		

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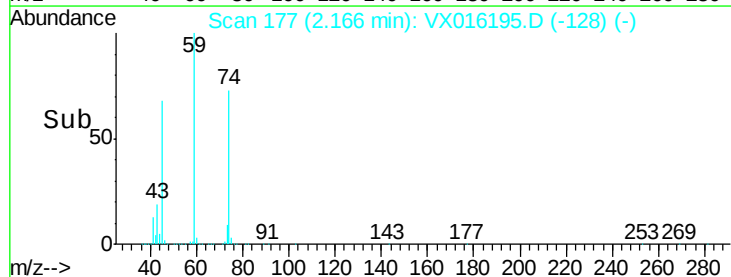
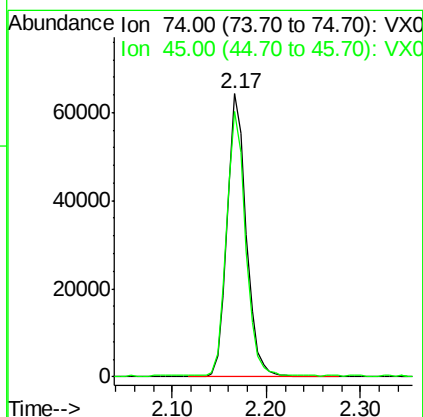
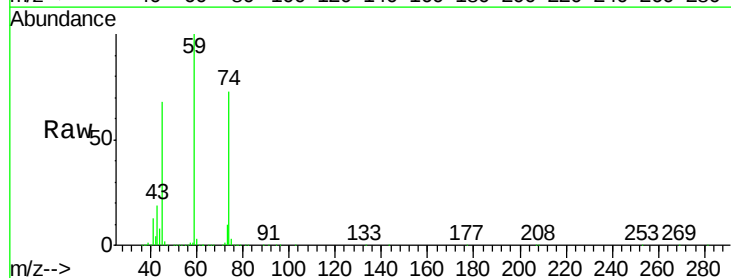
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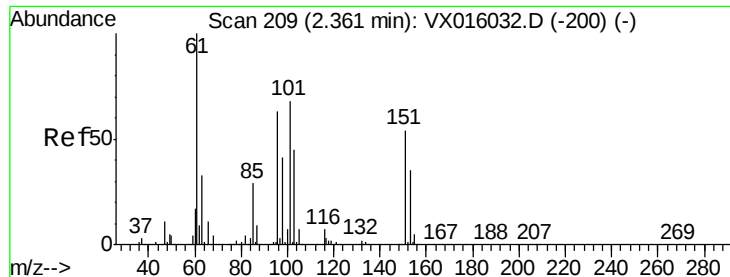


#8

Diethyl Ether
Concen: 45.078 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		90570		
45	92.8	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.537 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

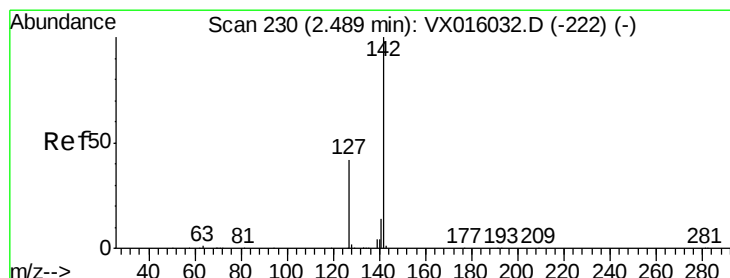
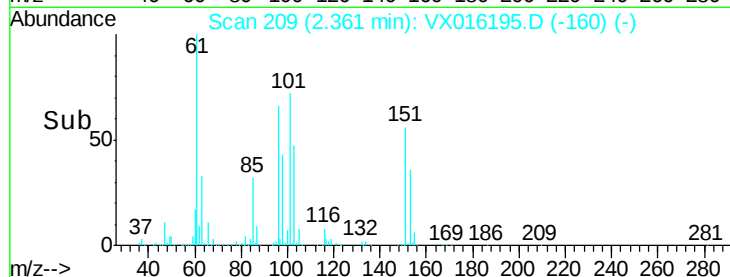
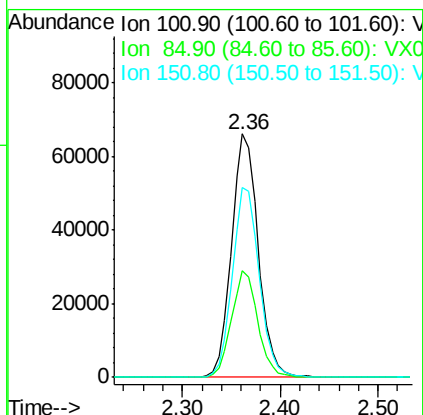
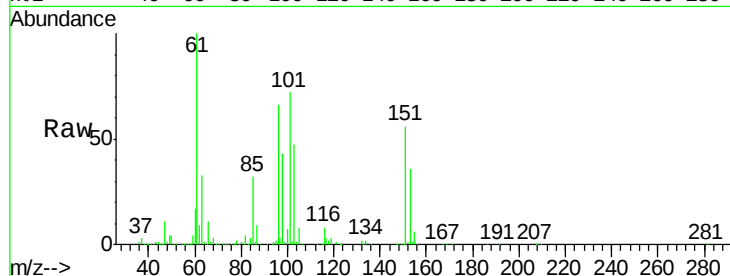
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	125281
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	78.9	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 35.405 ug/l

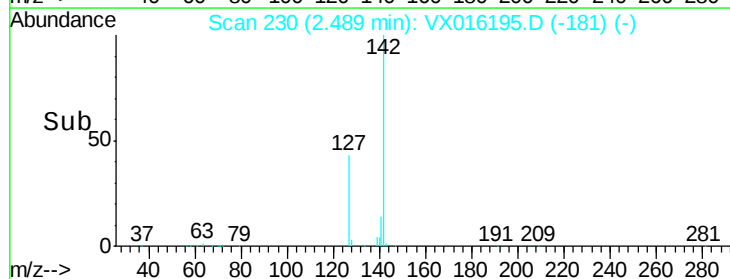
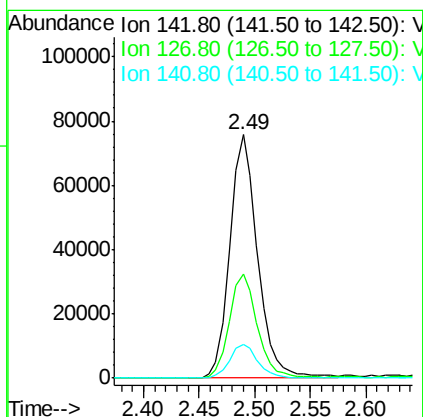
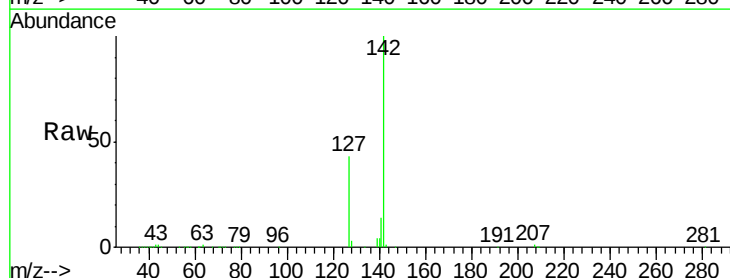
RT: 2.49 min Scan# 230

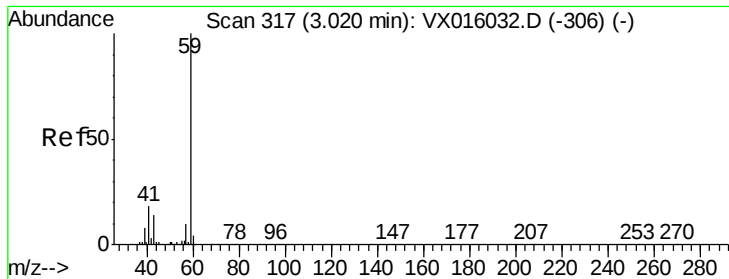
Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	142	Resp:	130838
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.6	52.0
141	14.0	11.3	16.9





#11

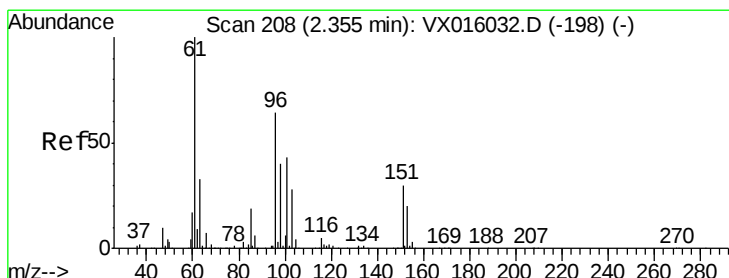
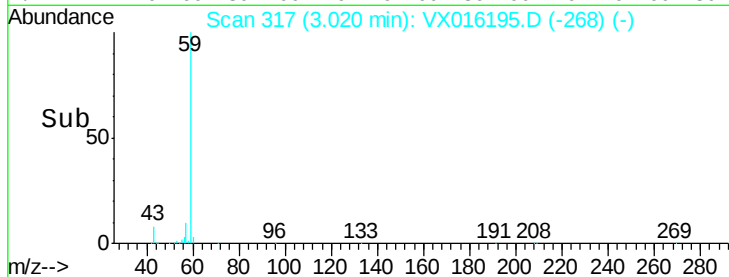
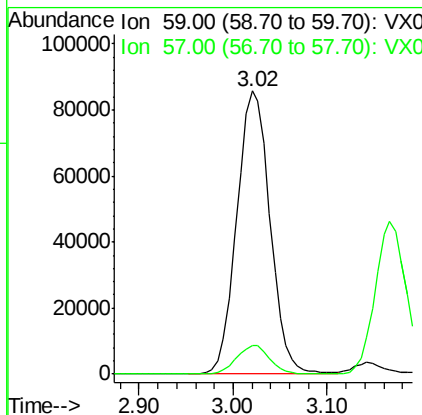
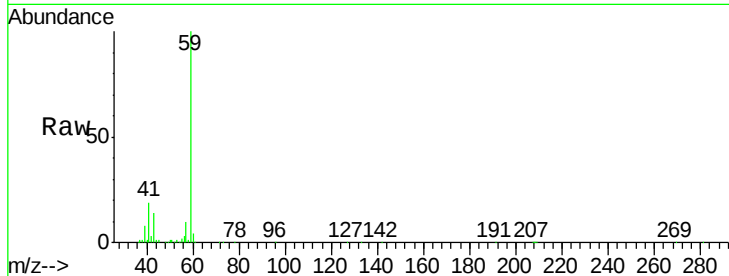
Tert butyl alcohol
Concen: 228.483 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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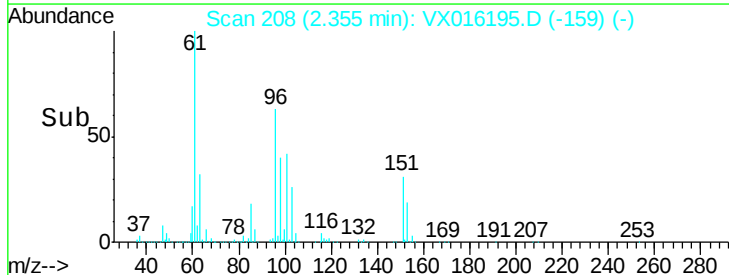
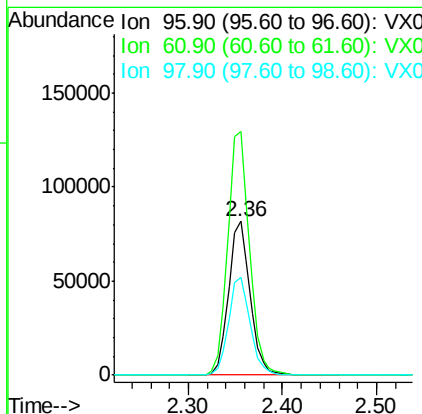
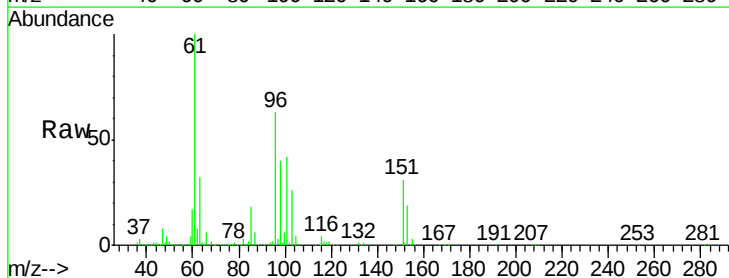
MMDadoda
5/14/2020 12:16:02 PM



#12

1,1-Dichloroethene
Concen: 44.700 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	124.8	187.2
98	63.5	49.7	74.5





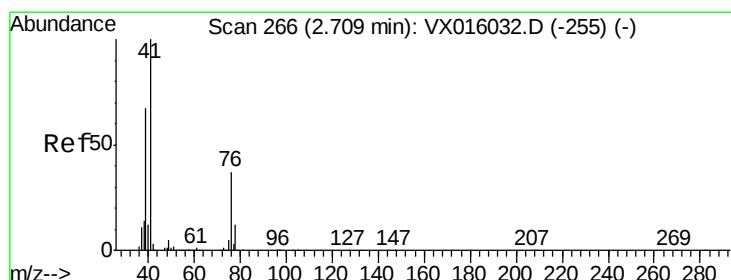
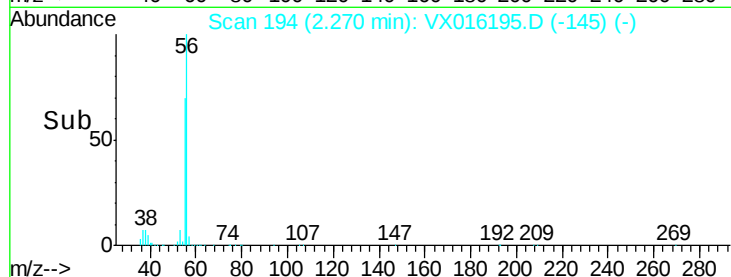
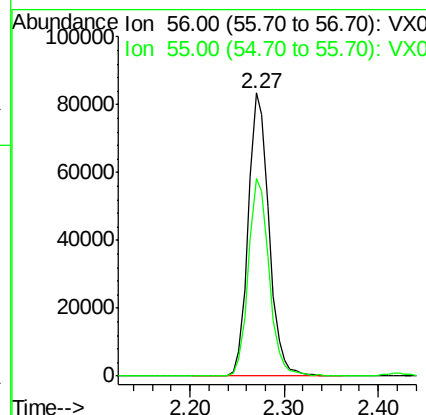
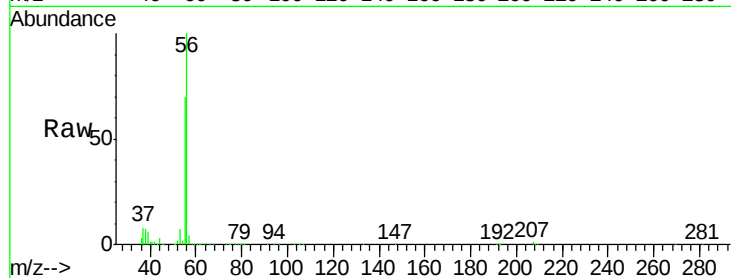
#13
Acrolein
Concen: 220.410 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.9	56.5	84.7	

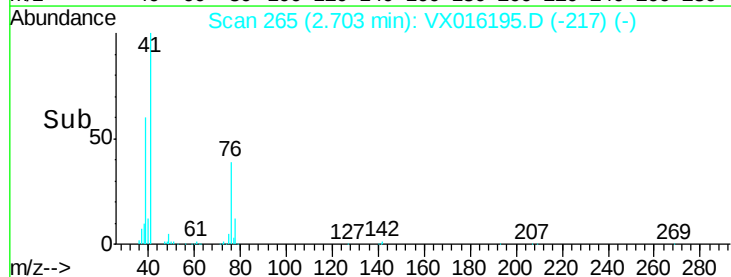
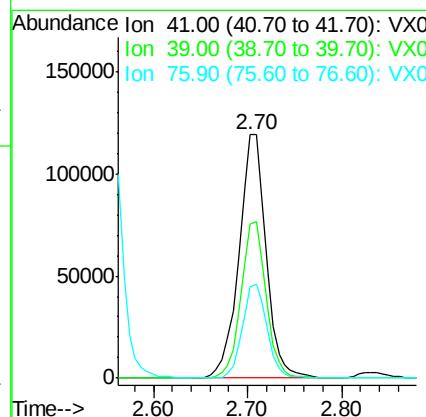
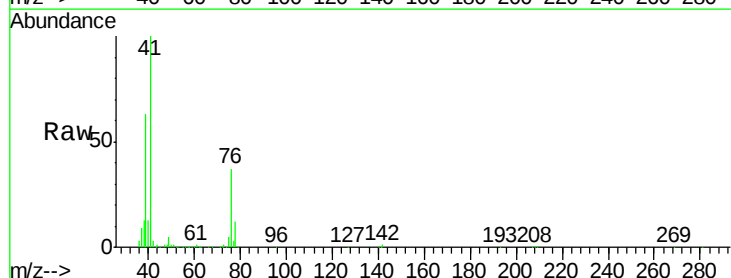
Manual Integrations
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#14
Allyl chloride
Concen: 45.084 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.4	50.5	75.7	
76	34.8	26.6	40.0	





#15

Acrylonitrile

Concen: 235.432 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

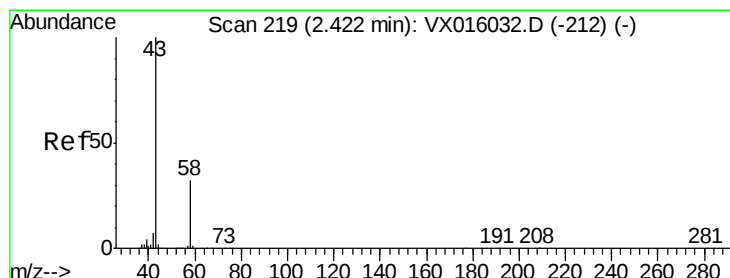
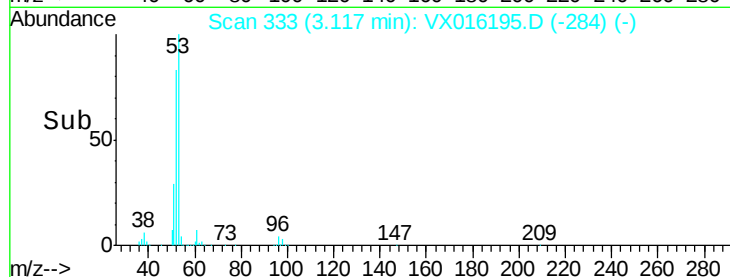
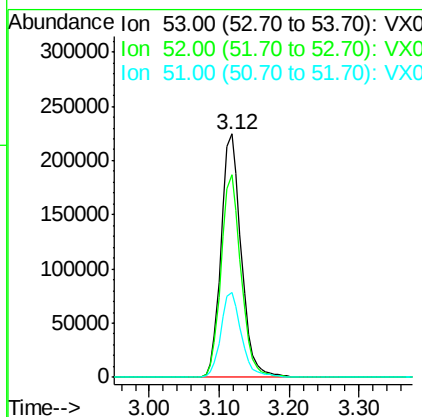
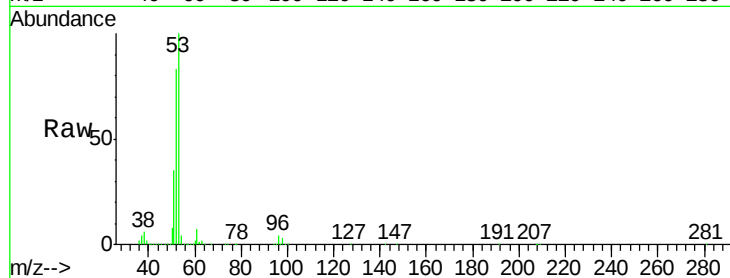
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	450110
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.1	99.1
51	35.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 219.543 ug/l

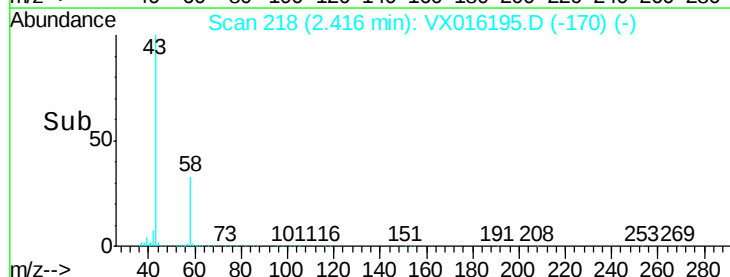
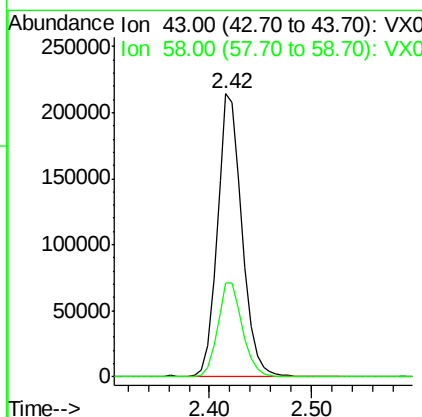
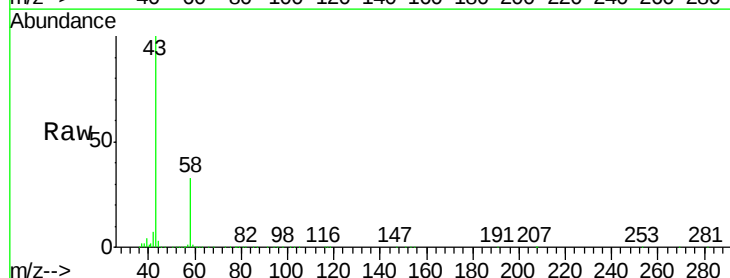
RT: 2.42 min Scan# 218

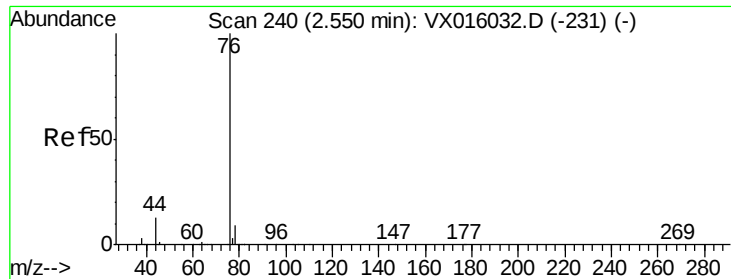
Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	43	Resp:	357006
Ion Ratio	Lower	Upper	
43	100		
58	33.3	25.4	38.0





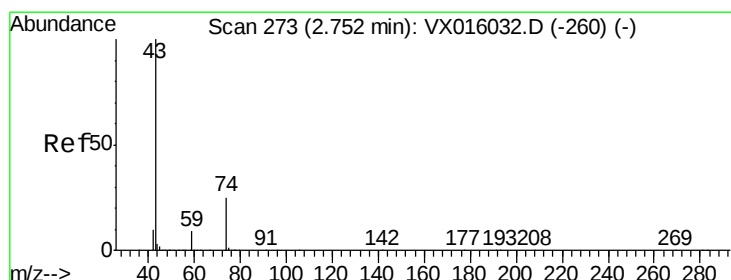
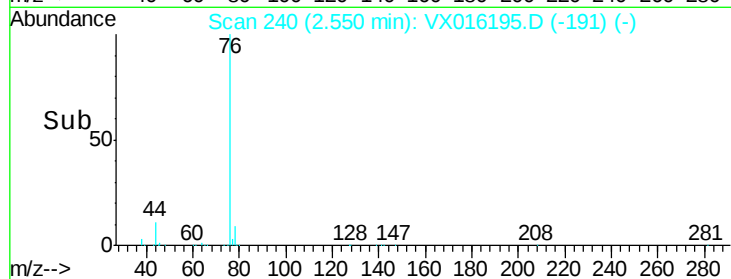
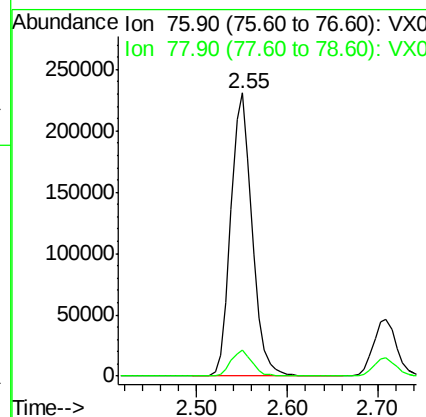
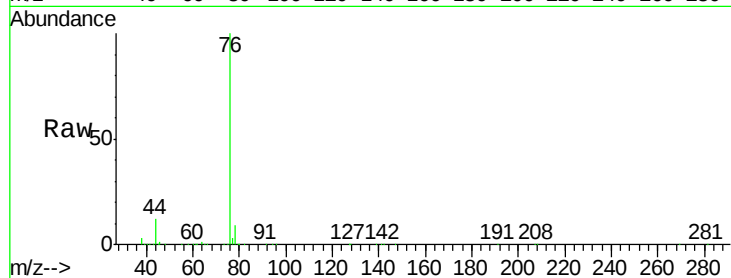
#17
Carbon Disulfide
Concen: 43.477 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

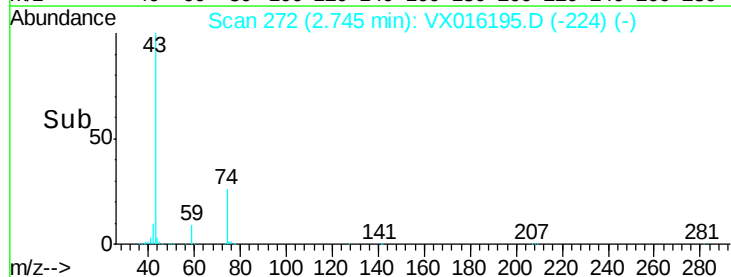
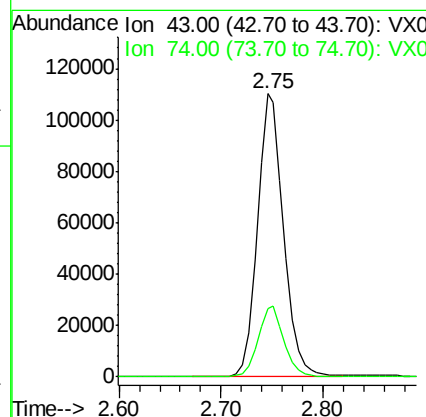
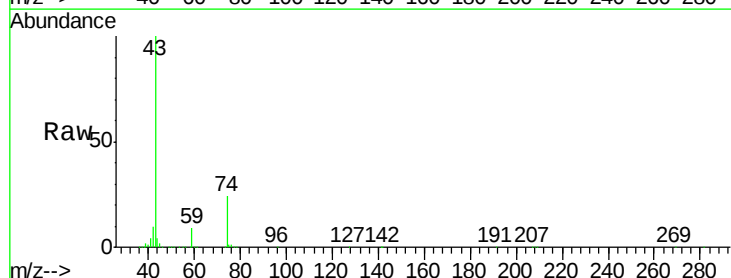
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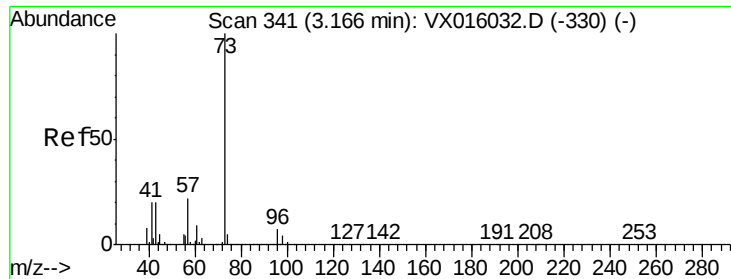
MMDadoda
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#18
Methyl Acetate
Concen: 48.985 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.2	30.2





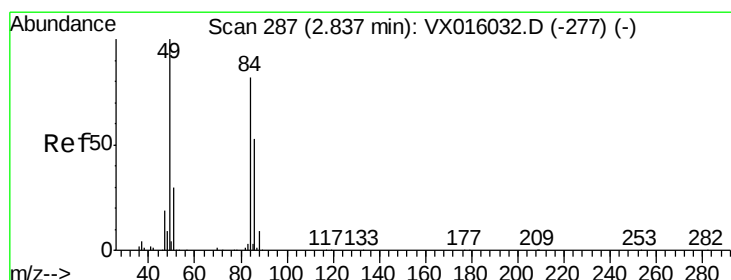
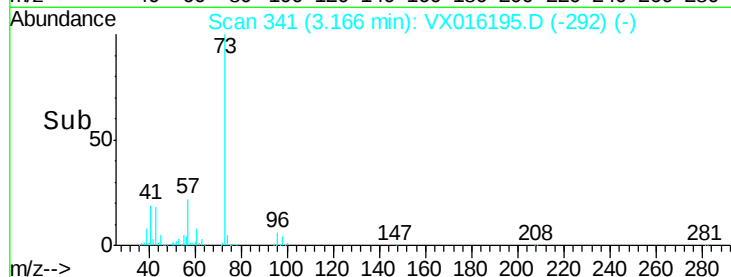
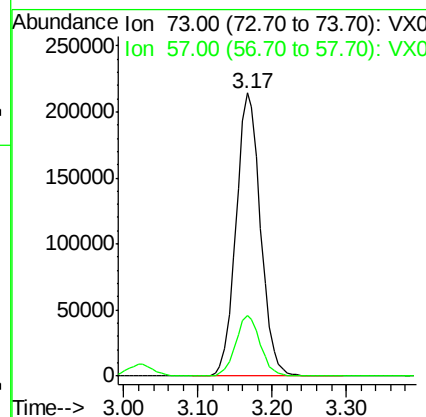
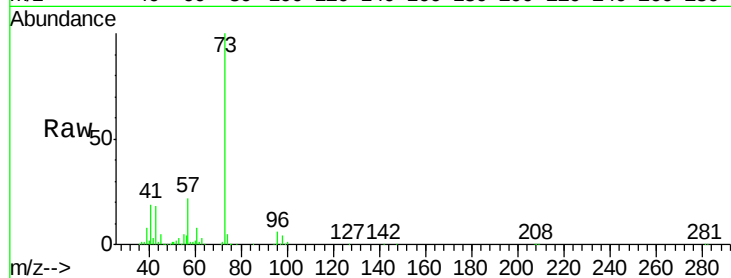
#19
Methvl tert-butvl Ether
Concen: 49.519 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

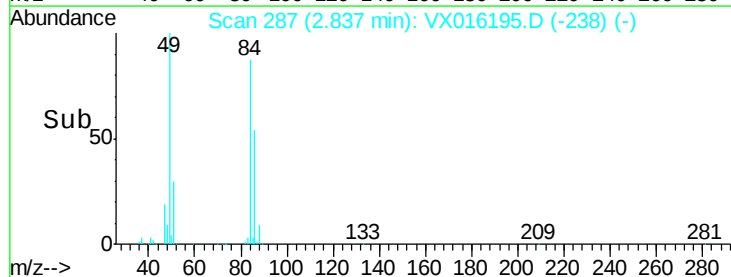
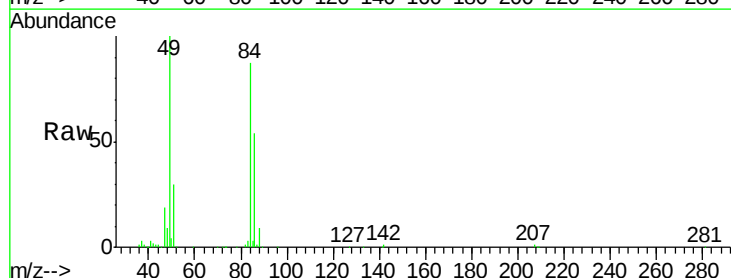
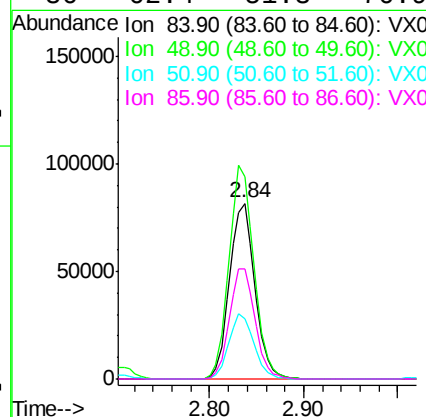
Manual Integrations
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#20
Methylene Chloride
Concen: 45.580 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.1	97.3	145.9
51	34.2	29.3	43.9
86	62.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 45.374 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

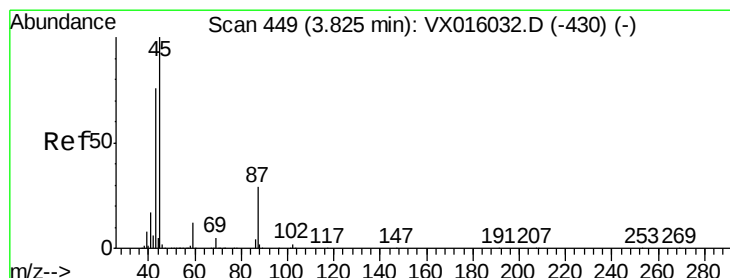
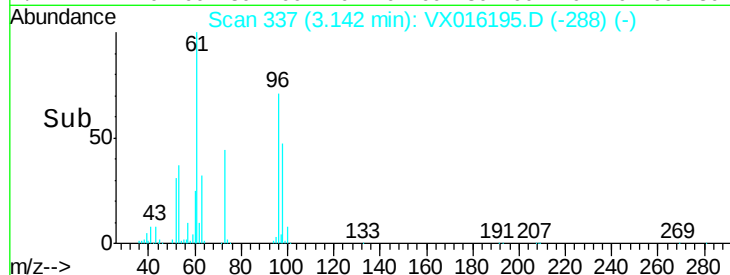
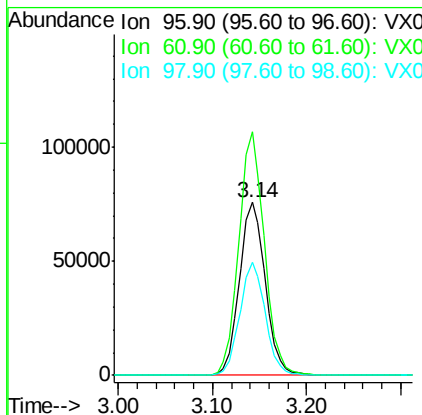
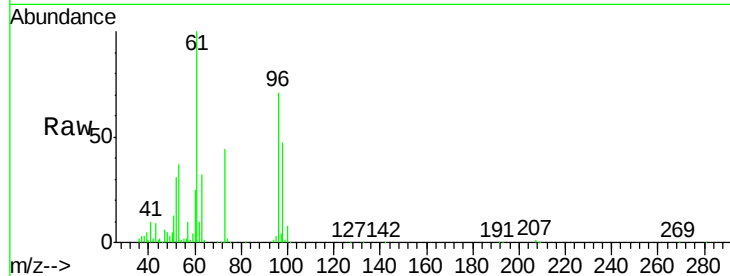
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	145571
Ion	Ratio	Lower	Upper
96	100		
61	141.1	111.2	166.8
98	65.7	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.400 ug/l

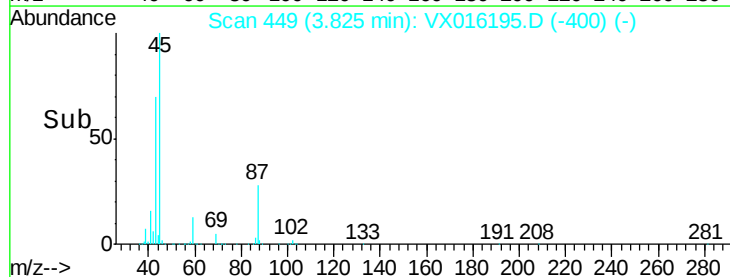
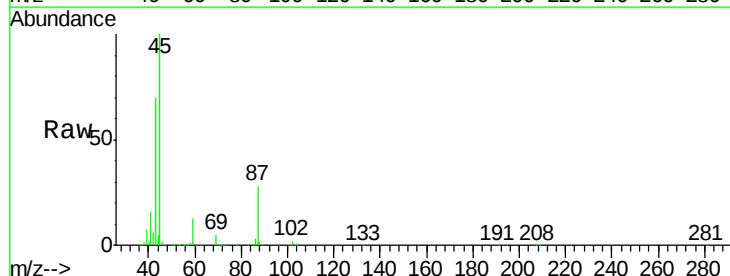
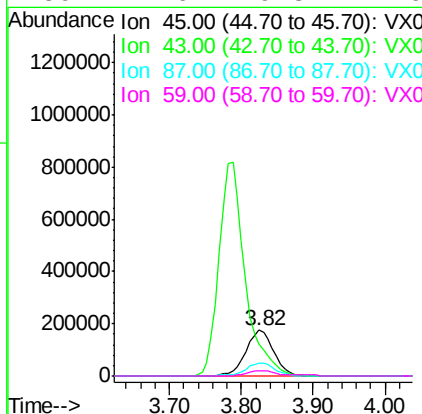
RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	45	Resp:	472046
Ion	Ratio	Lower	Upper
45	100		
43	69.7	61.1	91.7
87	27.9	23.0	34.6
59	12.6	9.8	14.6





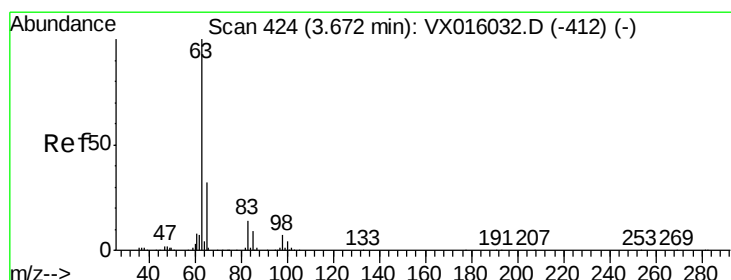
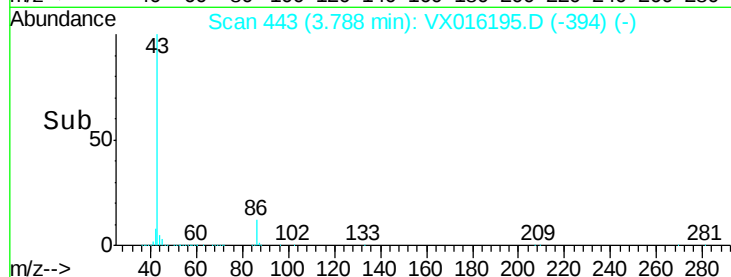
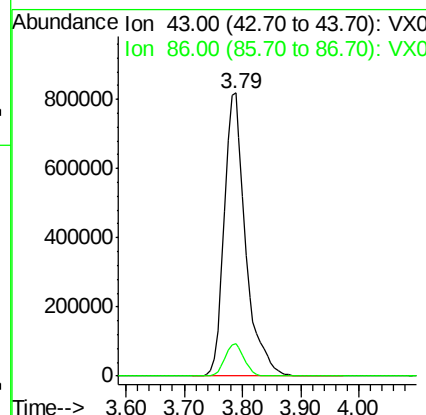
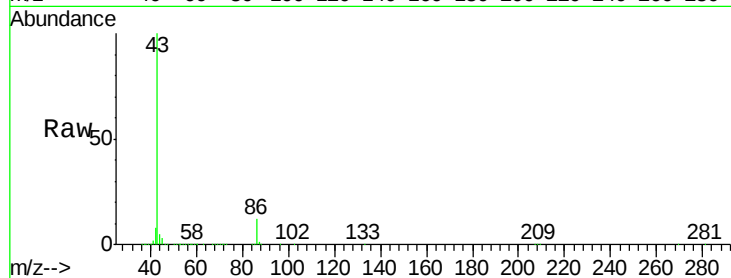
#23
 Vinyl Acetate
 Concen: 237.067 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2077071
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4

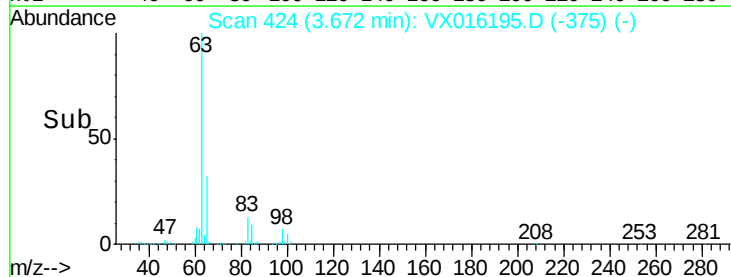
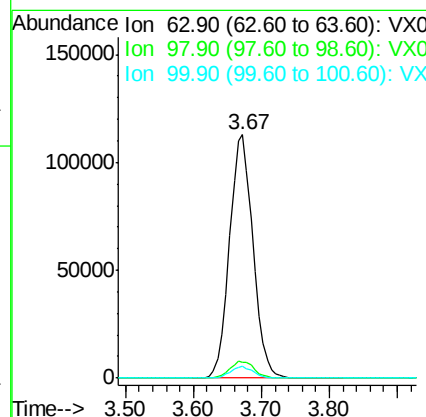
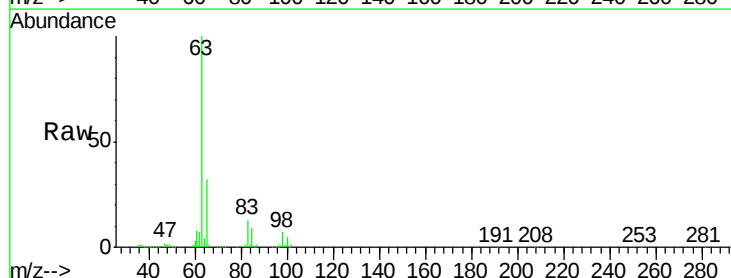
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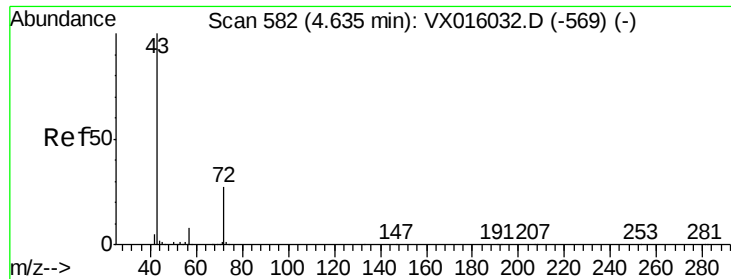
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 5/14/2020 12:16:02 PM



#24
 1,1-Dichloroethane
 Concen: 48.348 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion: 63 Resp: 269340
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.7 2.1 6.5





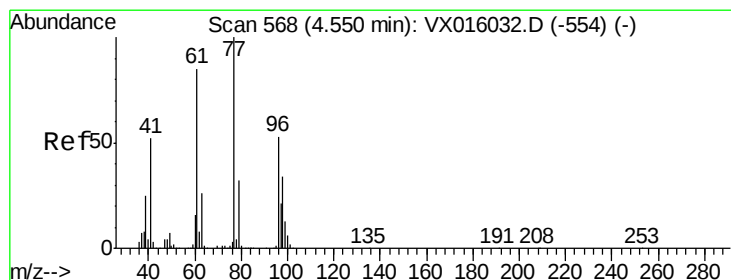
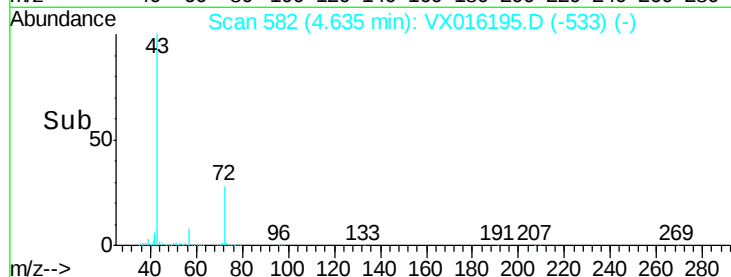
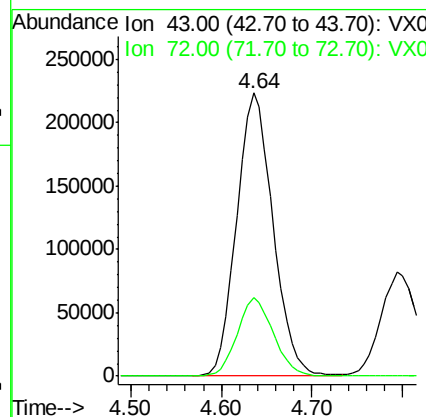
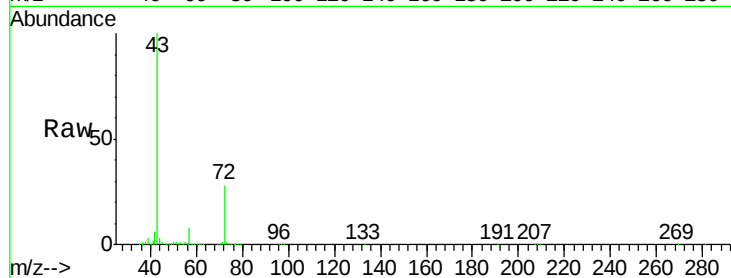
#25
2-Butanone
Concen: 236.531 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 619794
Ion Ratio Lower Upper
43 100
72 27.7 21.8 32.8

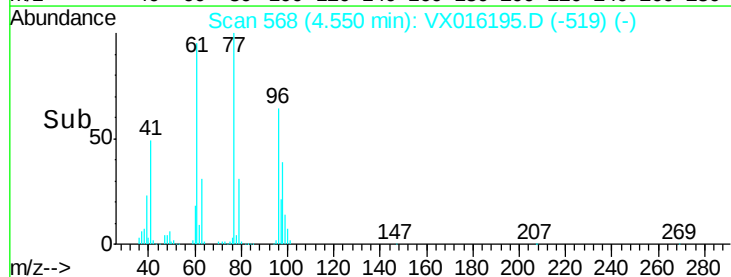
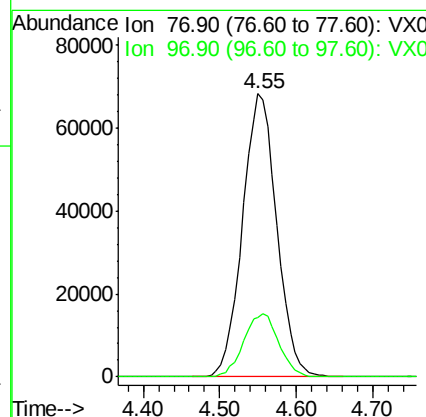
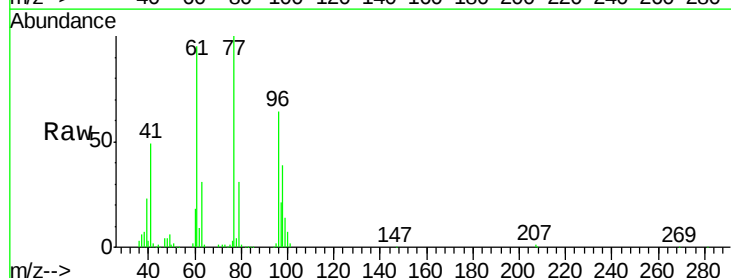
Manual Integrations
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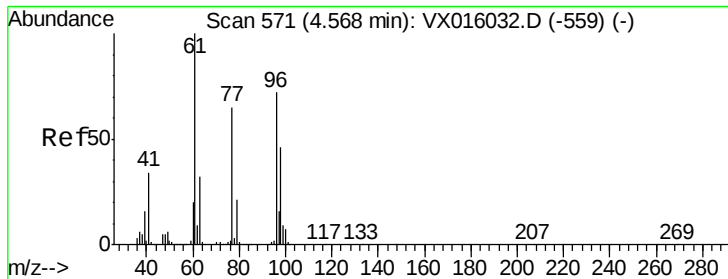
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5/14/2020 12:16:02 PM



#26
2,2-Dichloropropane
Concen: 41.614 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 77 Resp: 211714
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27

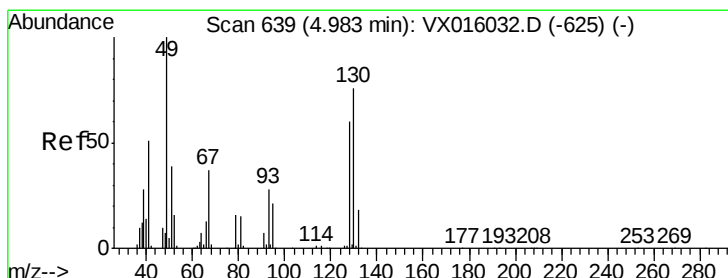
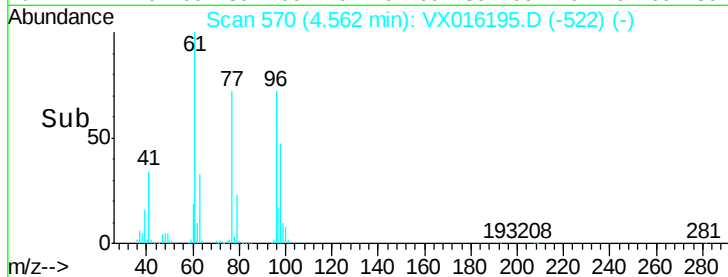
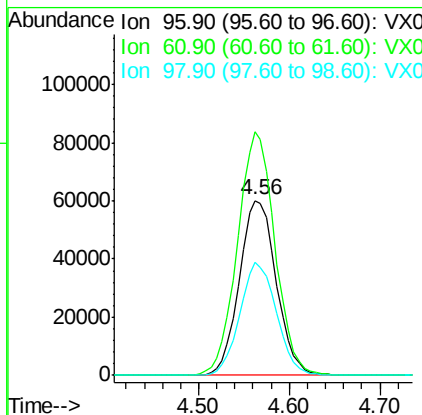
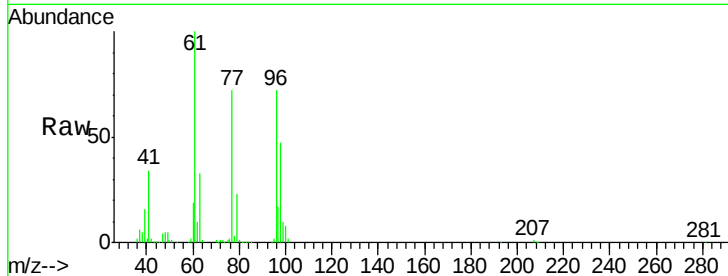
cis-1,2-Dichloroethene
Concen: 48.482 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170048		
61	140.8	0.0	296.2	
98	64.0	0.0	129.4	

Manual Integrations
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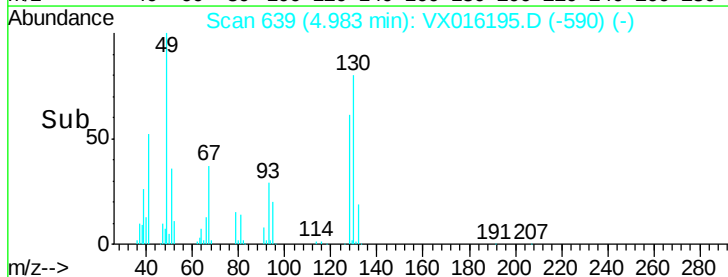
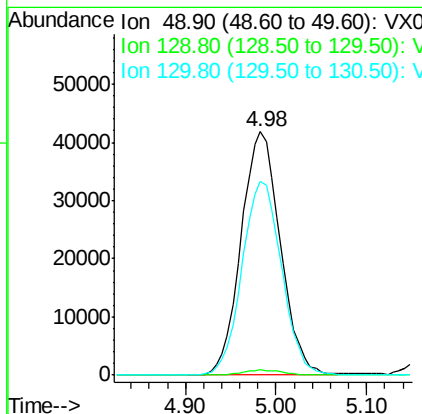
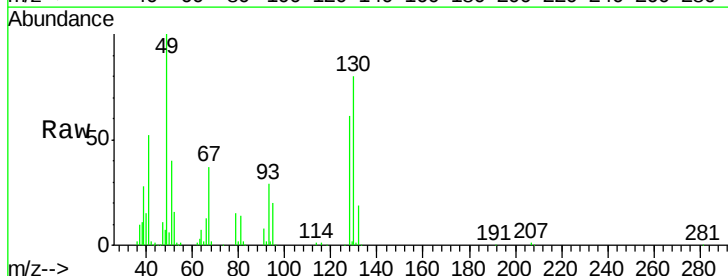
MMDadoda
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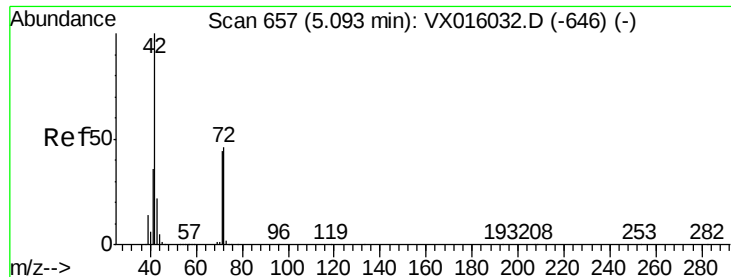


#28

Bromochloromethane
Concen: 49.321 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125288		
129	2.1	0.0	4.0	
130	80.5	62.4	93.6	





#29

Tetrahydrofuran

Concen: 233.265 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

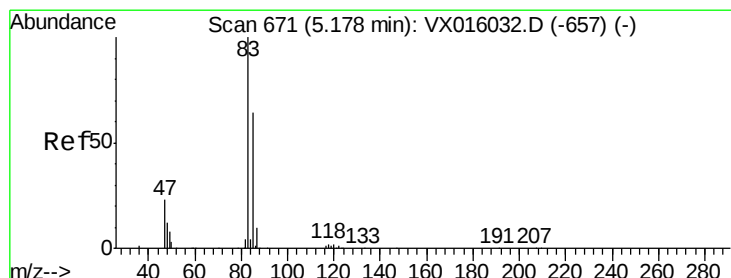
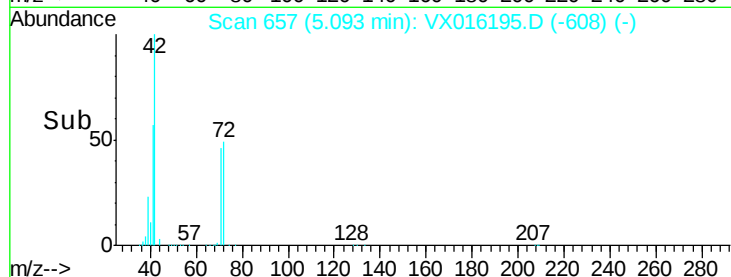
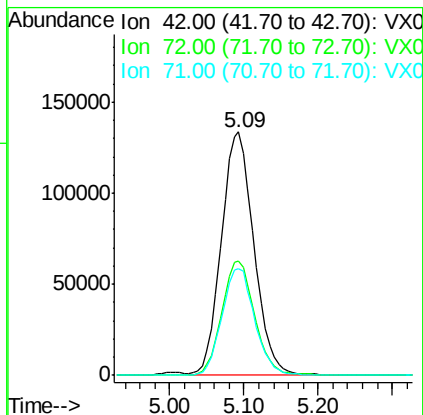
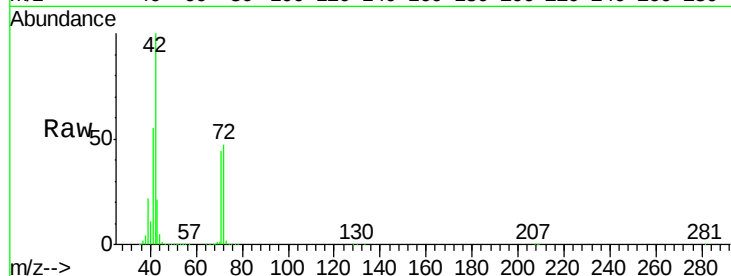
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	405007
Ion Ratio		Lower	Upper
42	100		
72	47.6	37.1	55.7
71	44.3	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 48.451 ug/l

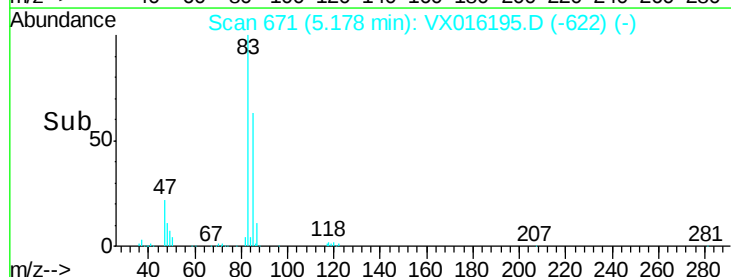
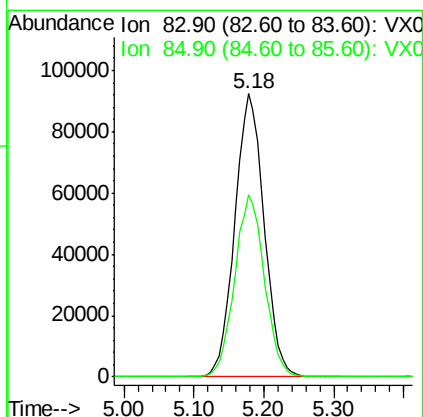
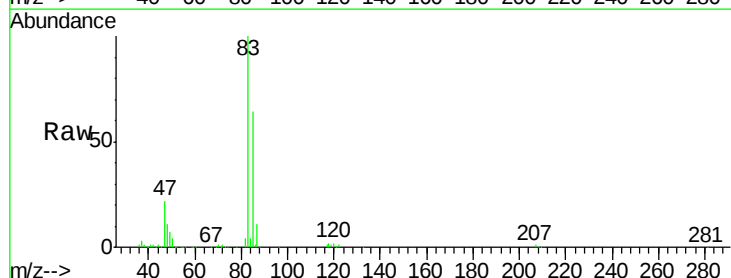
RT: 5.18 min Scan# 671

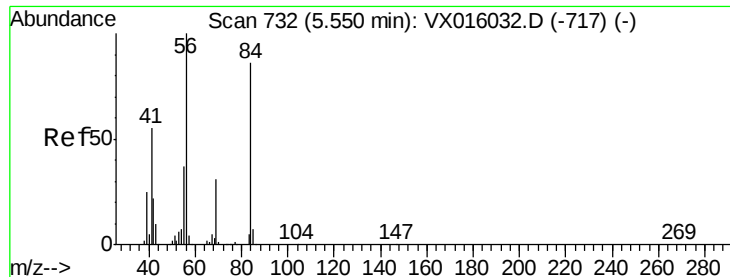
Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	83	Resp:	268744
Ion Ratio		Lower	Upper
83	100		
85	64.4	51.6	77.4





#31

Cyclohexane

Concen: 46.015 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

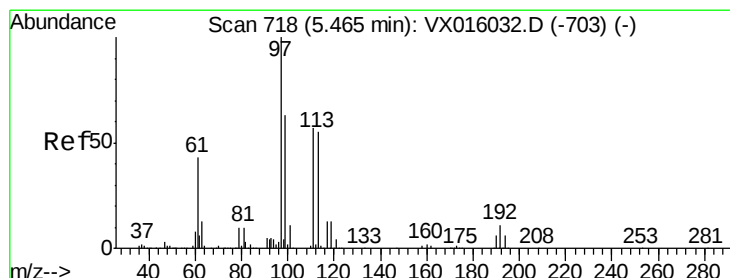
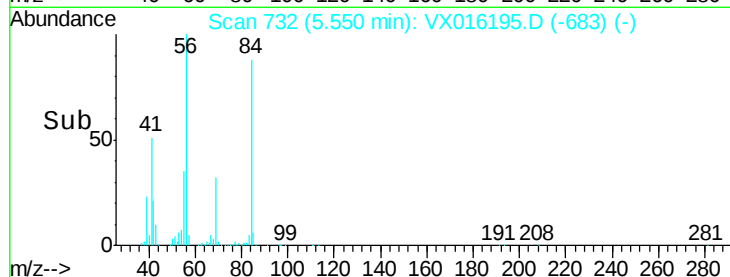
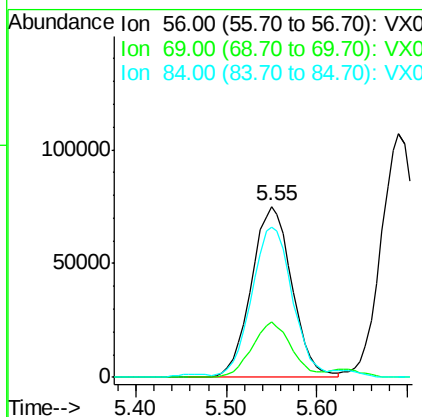
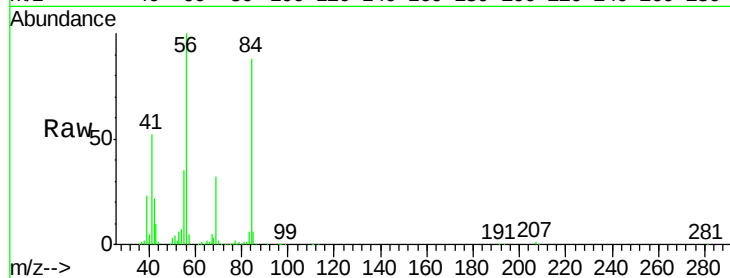
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	232970
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.0	37.6
84	86.9	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.120 ug/l

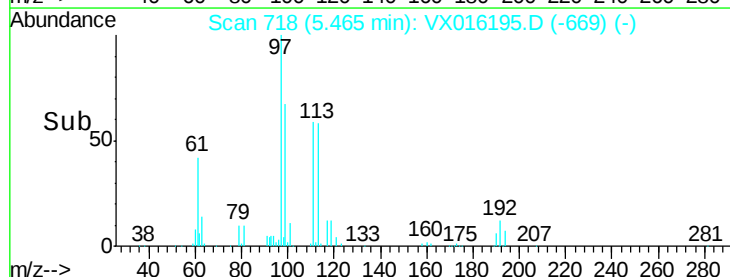
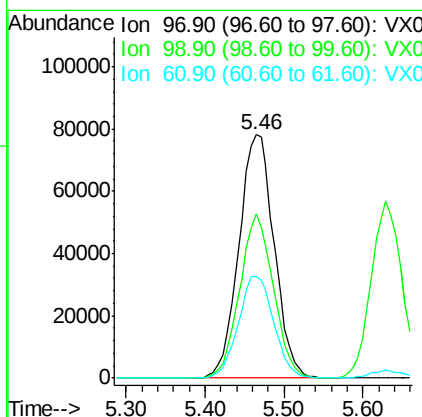
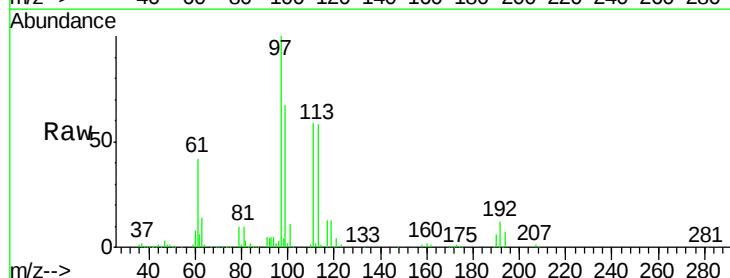
RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	97	Resp:	242617
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	42.3	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.461 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 165681

Ion Ratio Lower Upper

65 100

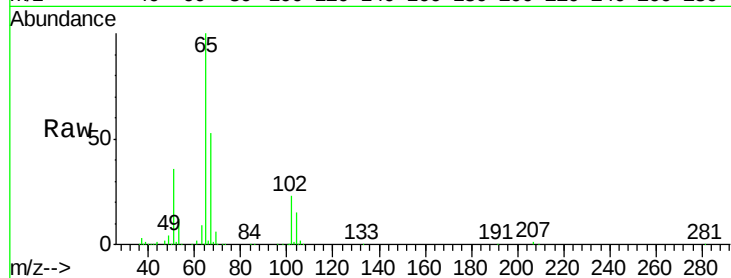
67 53.2 0.0 104.8

Manual Integrations

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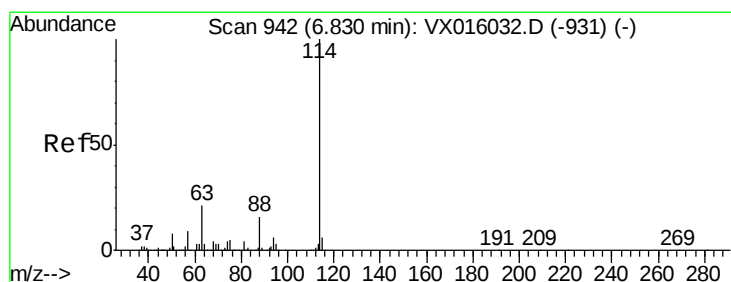
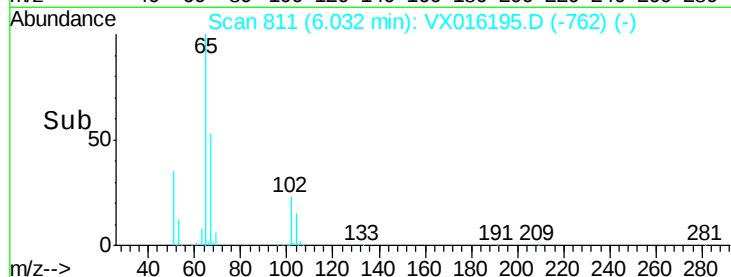
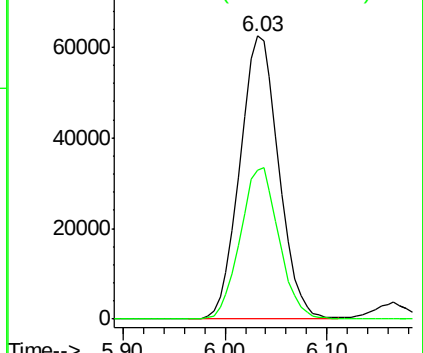
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

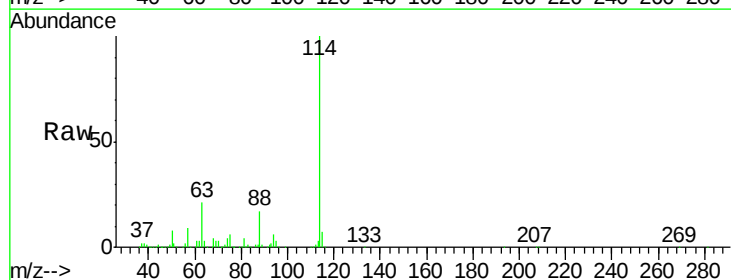
Tgt Ion: 114 Resp: 446482

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

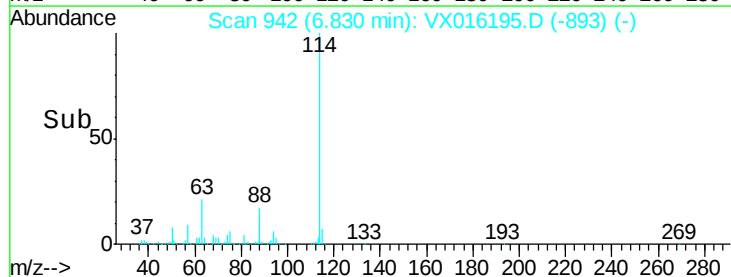
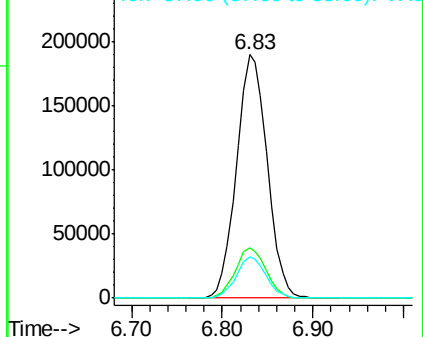
88 16.9 0.0 31.4

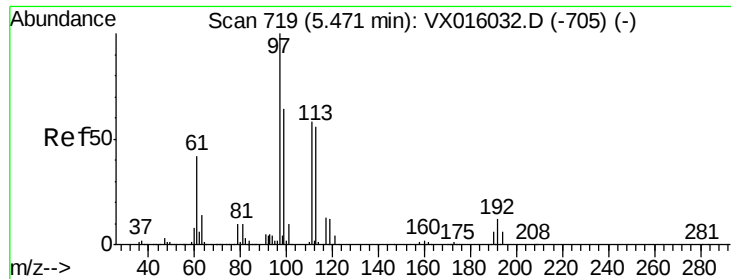


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





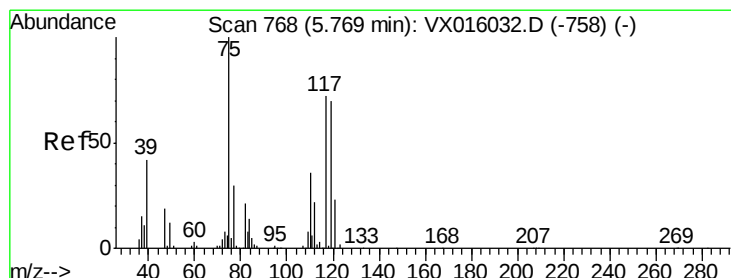
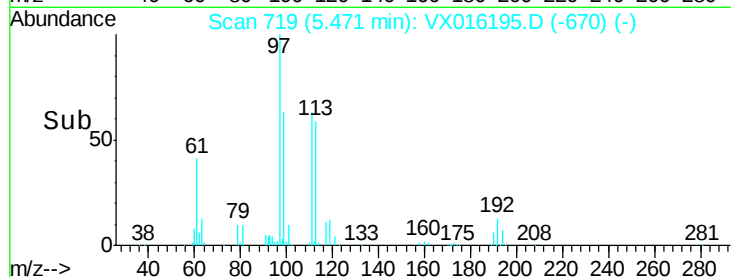
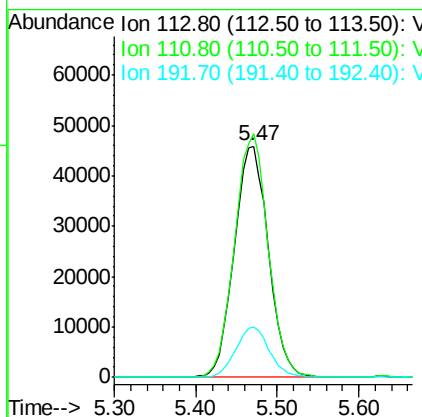
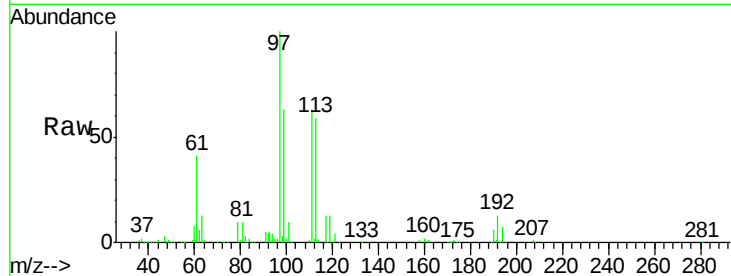
#35
Dibromofluoromethane
Concen: 47.112 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133263		
111	103.6	81.6	122.4	
192	21.4	17.0	25.4	

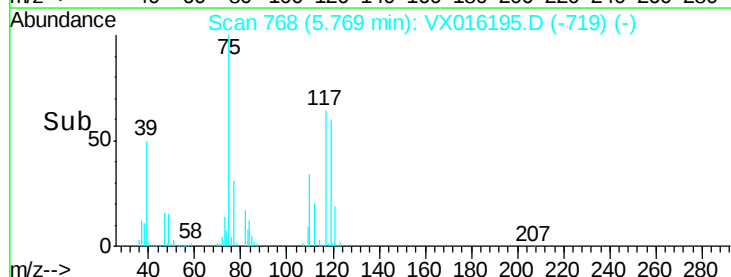
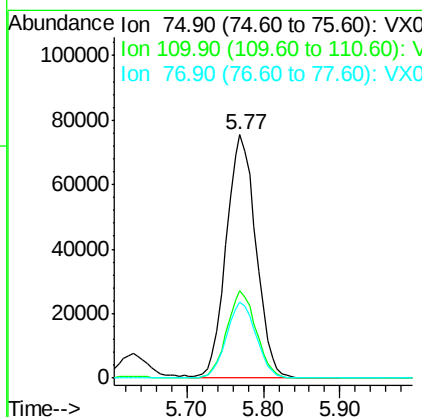
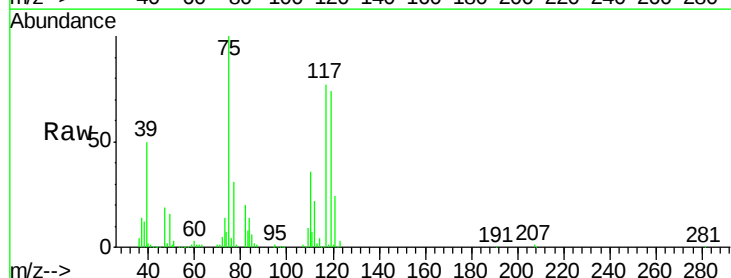
Manual Integrations
APPROVED

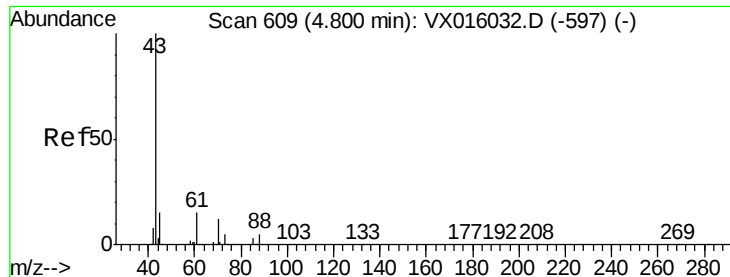
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#36
1,1-Dichloropropene
Concen: 45.937 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	201894		
110	35.4	18.1	54.1	
77	31.2	25.0	37.6	





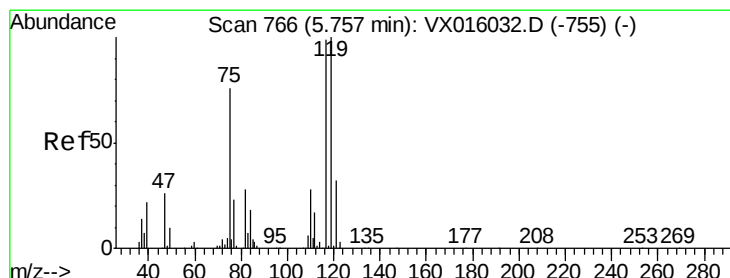
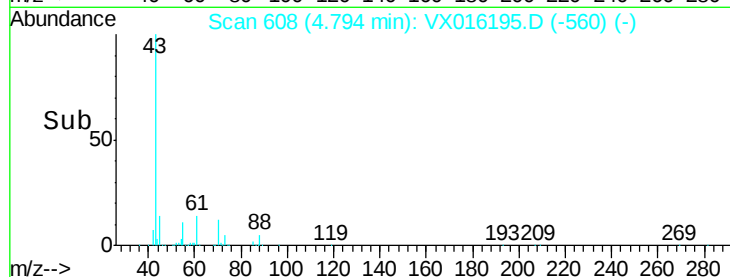
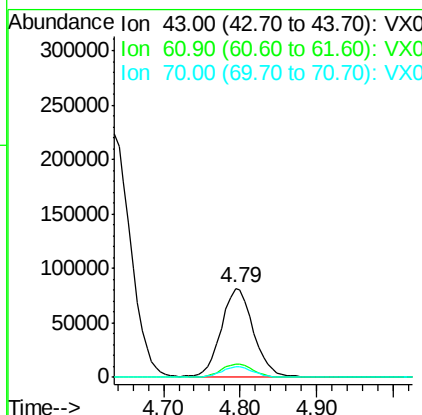
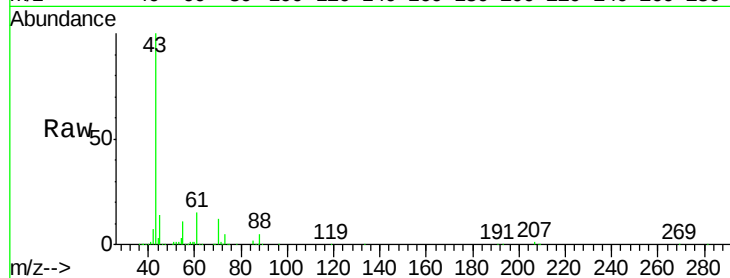
#37
Ethyl Acetate
Concen: 46.402 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	236368
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.0	9.3	13.9

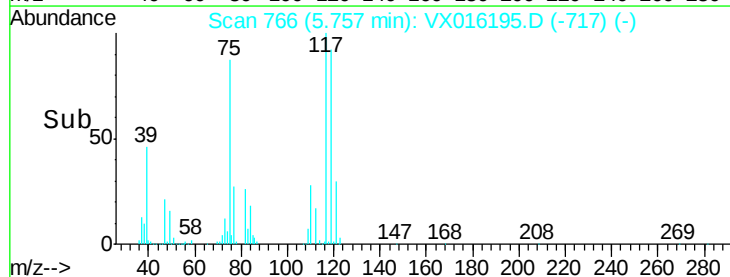
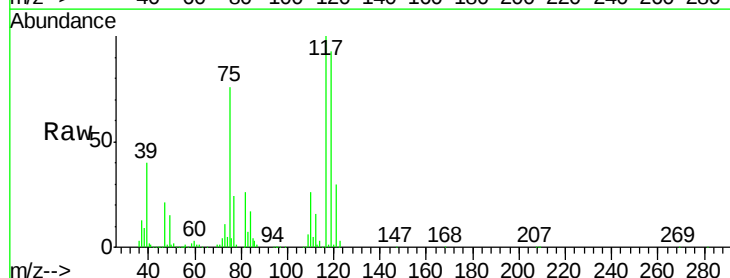
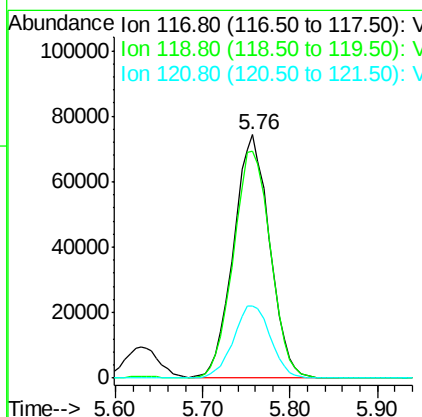
Manual Integrations
APPROVED

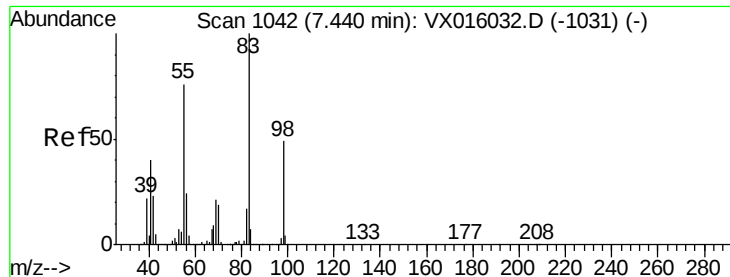
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#38
Carbon Tetrachloride
Concen: 47.689 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion:	117	Resp:	213037
Ion	Ratio	Lower	Upper
117	100		
119	93.5	80.3	120.5
121	29.9	25.7	38.5





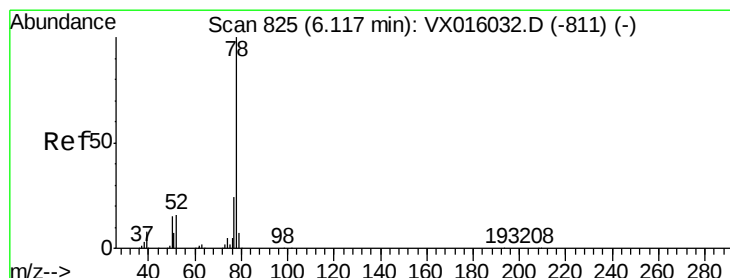
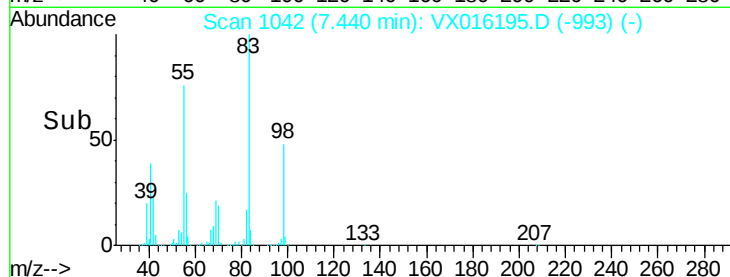
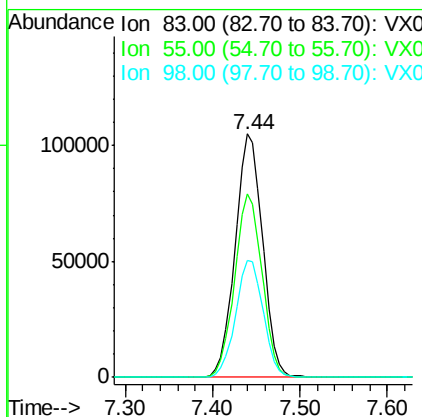
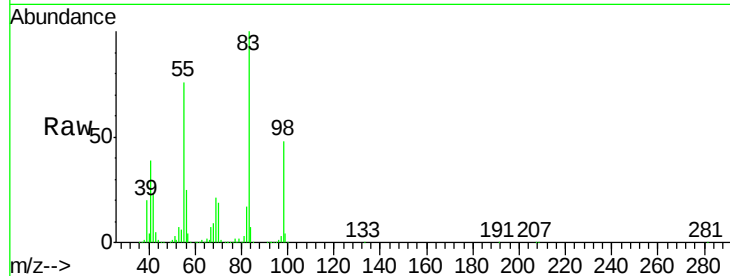
#39
Methvlcvclohexane
Concen: 43.372 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	229557		
55	75.5		61.1	91.7
98	48.3		39.0	58.4

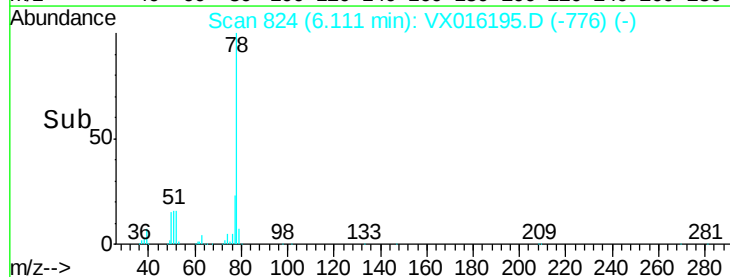
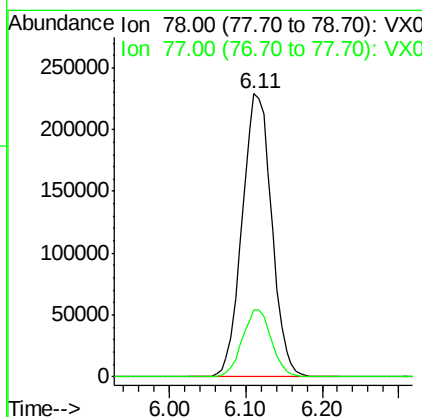
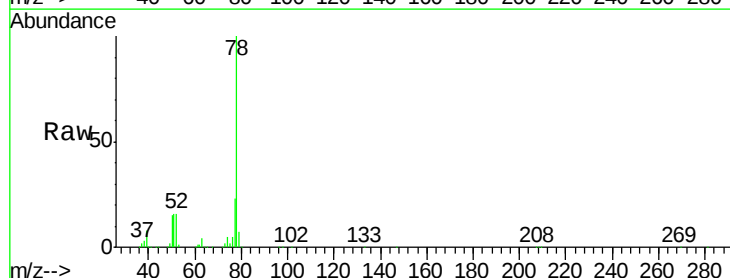
Manual Integrations
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#40
Benzene
Concen: 47.847 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	615286		
77	23.5		19.0	28.4





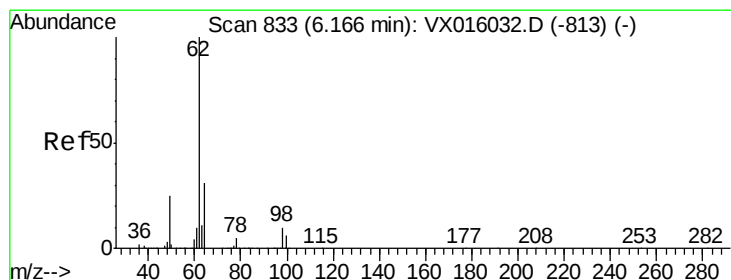
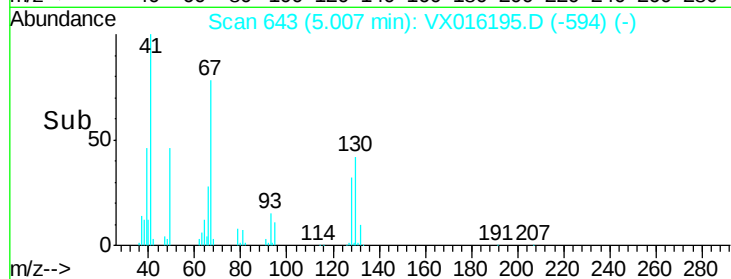
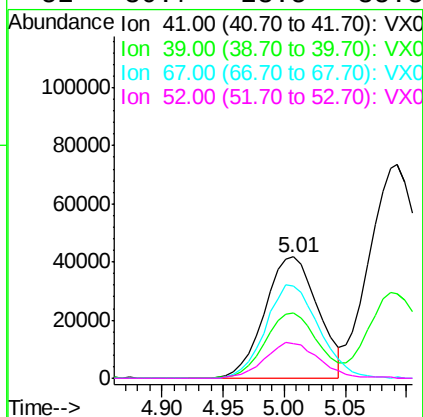
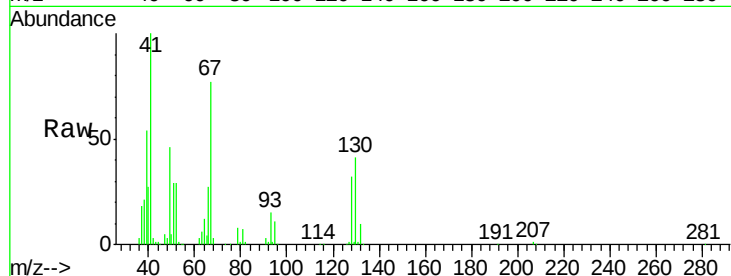
#41
Methacrylonitrile
Concen: 46.115 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	77.1	59.3	88.9
52	30.7	23.5	35.3

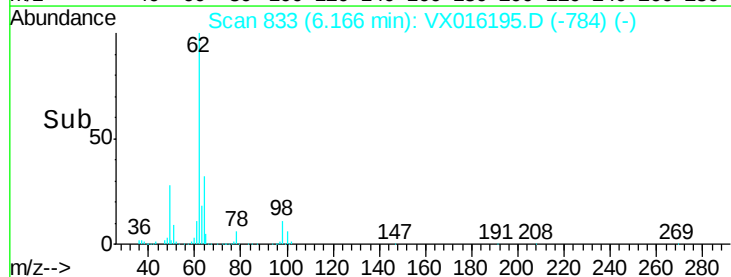
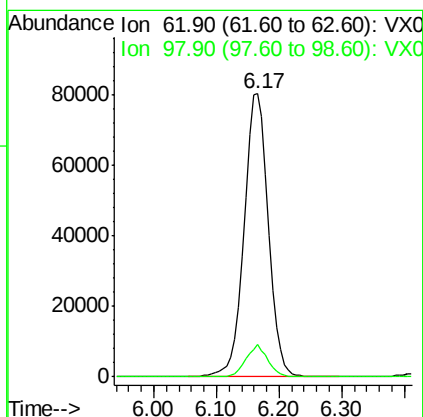
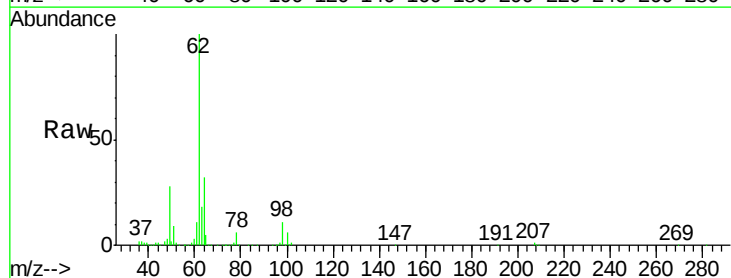
Manual Integrations
APPROVED

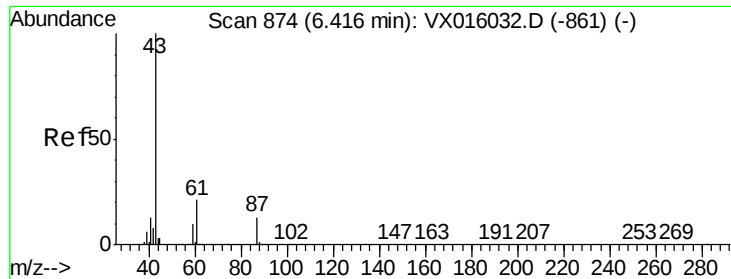
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#42
1,2-Dichloroethane
Concen: 46.423 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





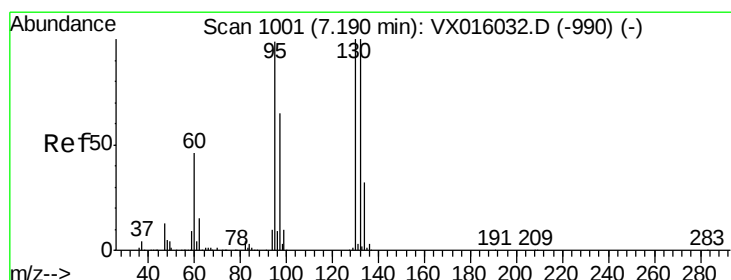
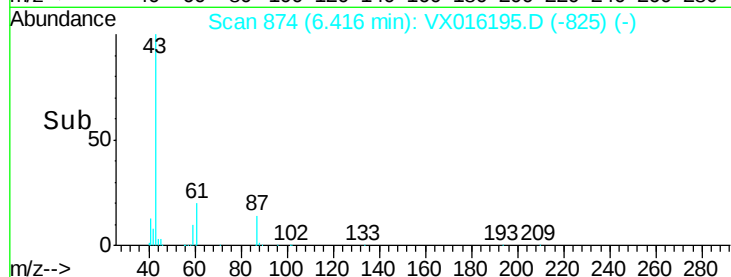
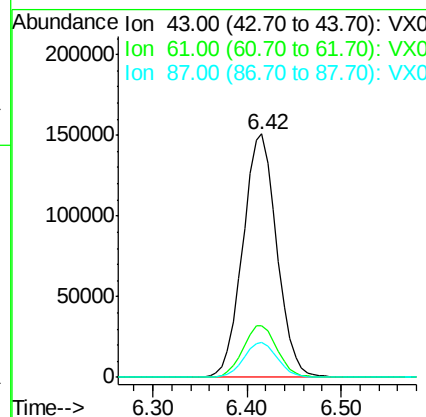
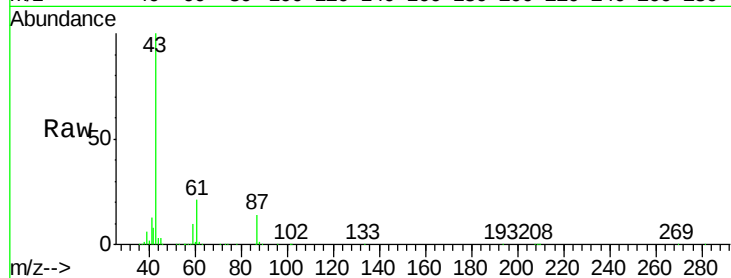
#43
Isopropyl Acetate
Concen: 46.568 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.3	11.0	16.6

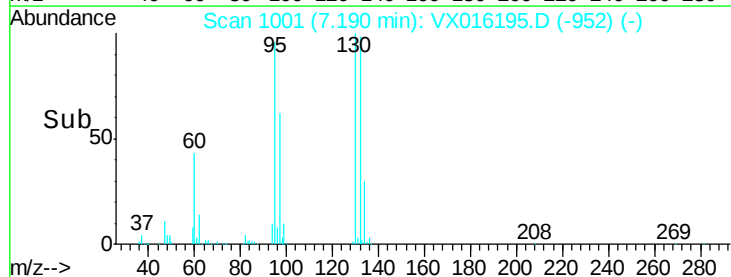
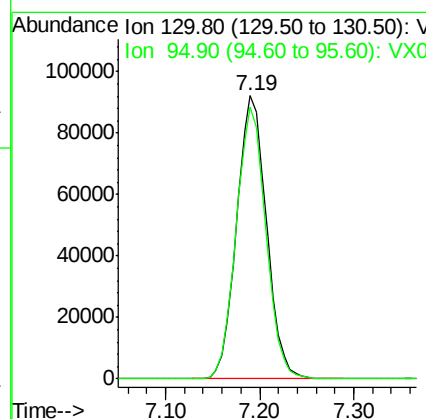
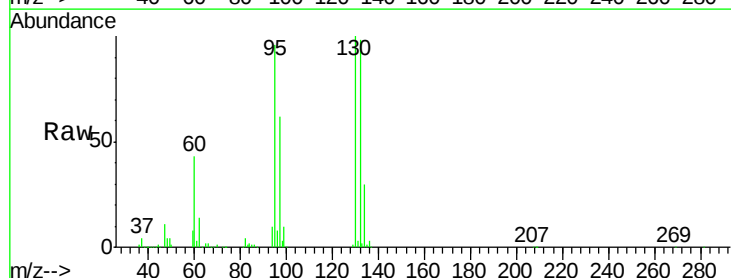
Manual Integrations
APPROVED

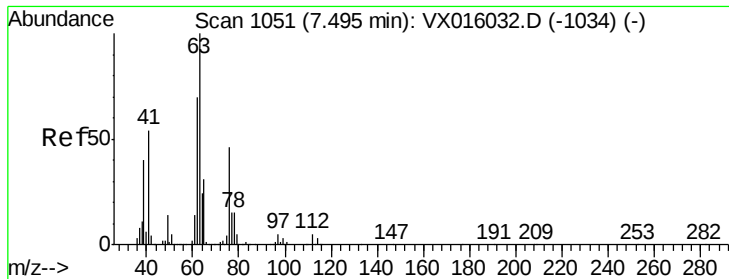
MMDadoda
5/14/2020 12:16:02 PM



#44
Trichloroethene
Concen: 44.522 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.194 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 160071

Ion Ratio Lower Upper

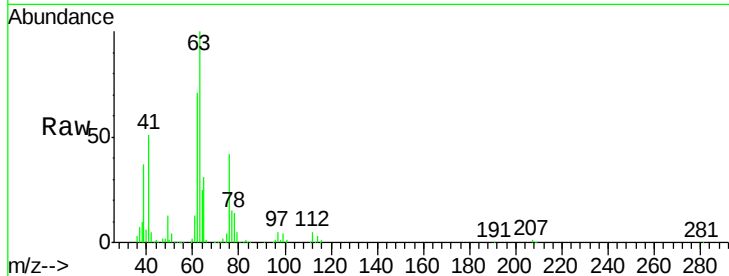
63 100

65 31.4 24.4 36.6

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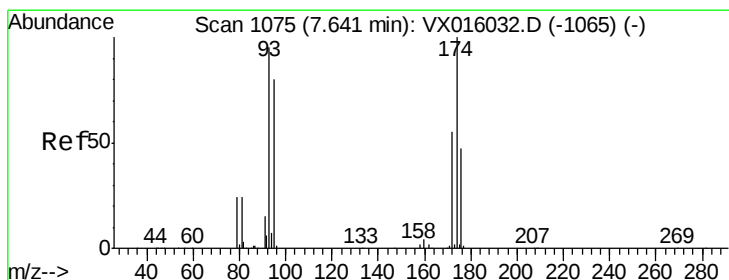
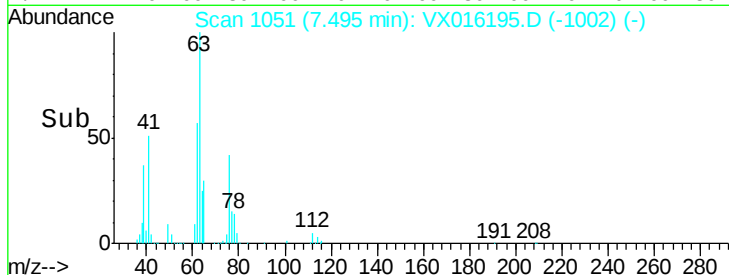
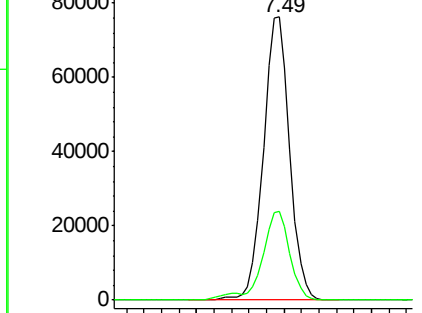
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.055 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

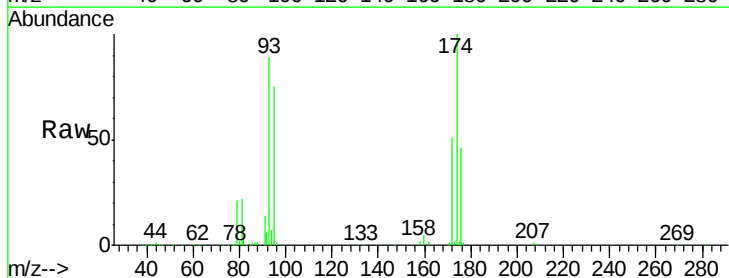
Tgt Ion: 93 Resp: 104051

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

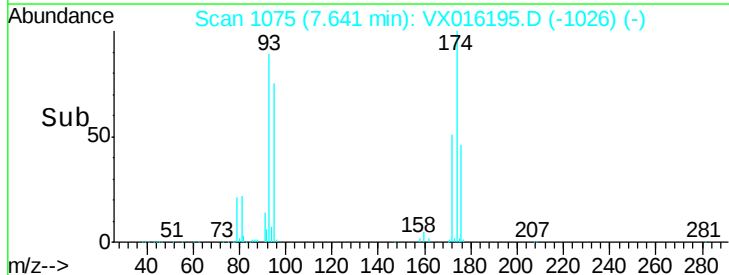
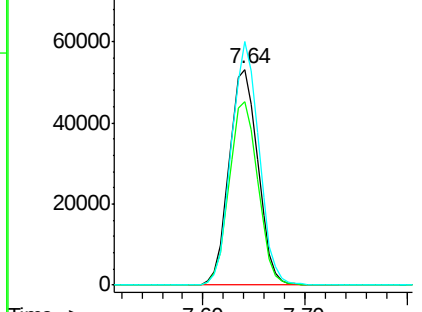
174 108.3 84.2 126.4

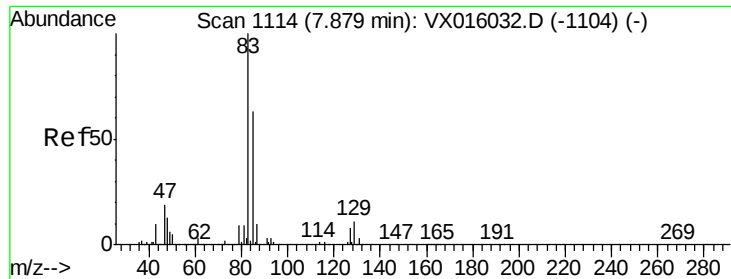


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.755 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

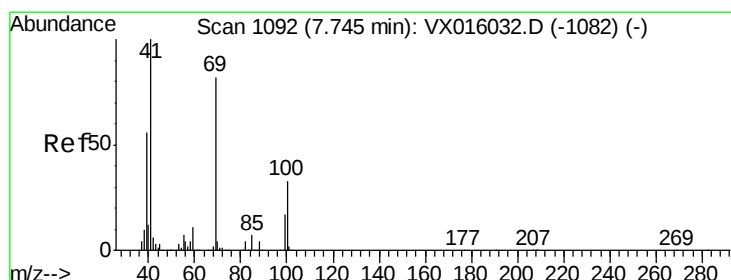
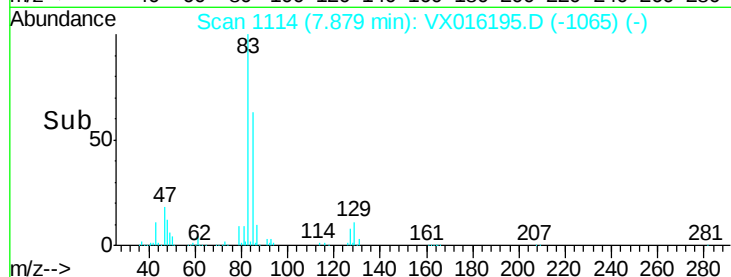
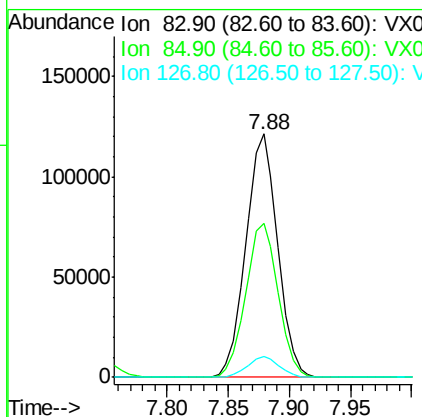
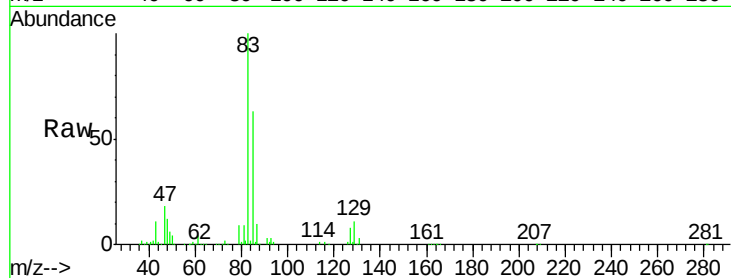
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	219571
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.5	75.7
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.638 ug/l

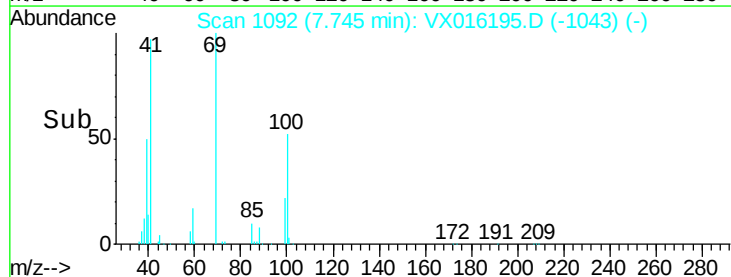
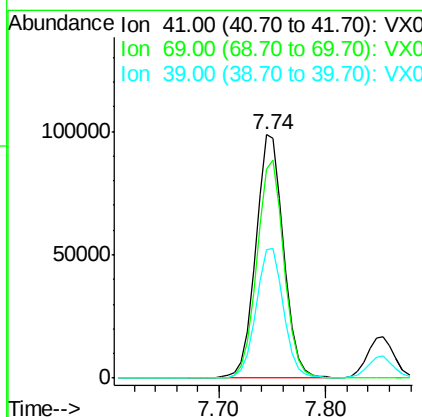
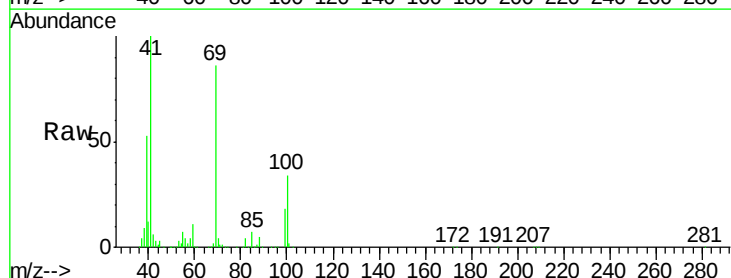
RT: 7.74 min Scan# 1092

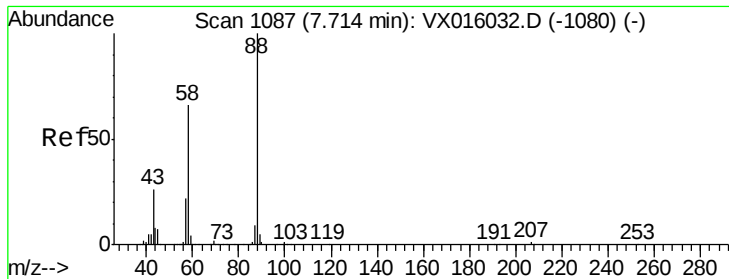
Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	41	Resp:	179612
Ion Ratio	Lower	Upper	
41	100		
69	87.9	67.8	101.6
39	52.9	44.6	67.0





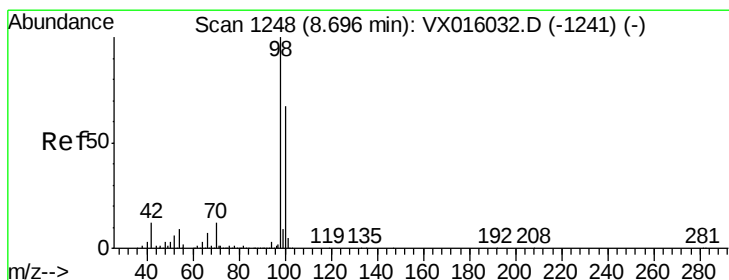
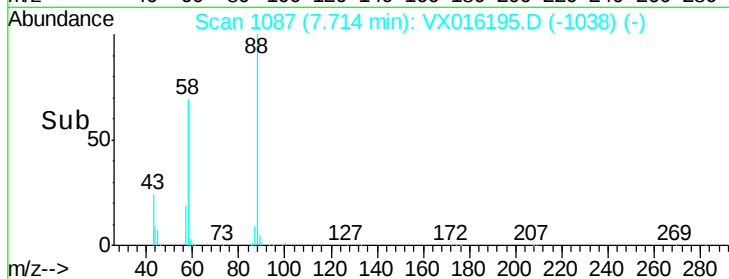
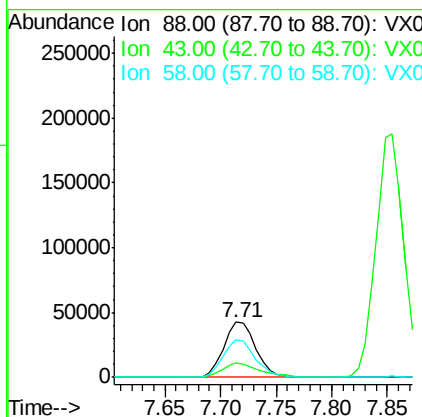
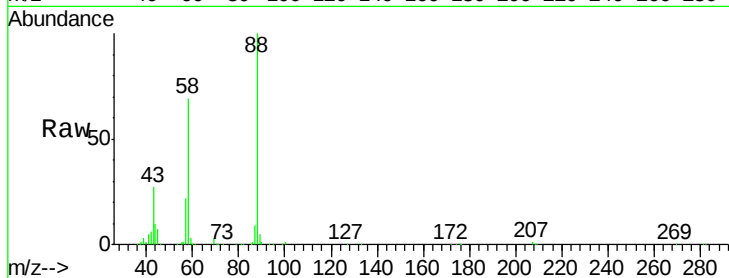
#49
 1,4-Dioxane
 Concen: 914.440 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.3	37.9
58	69.5	55.9	83.9

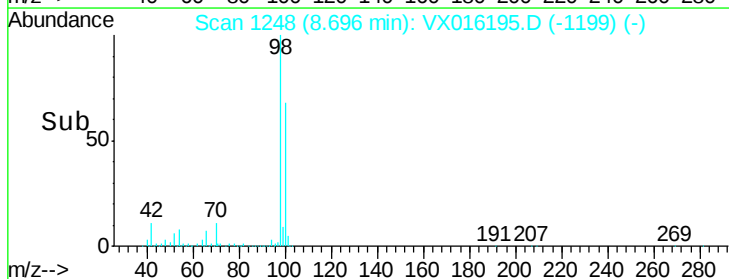
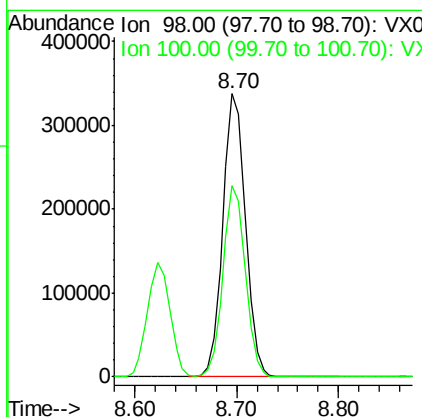
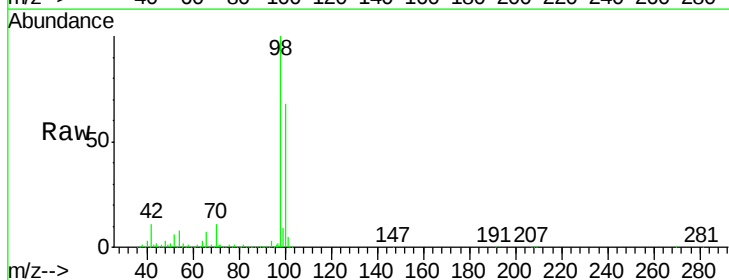
Manual Integrations
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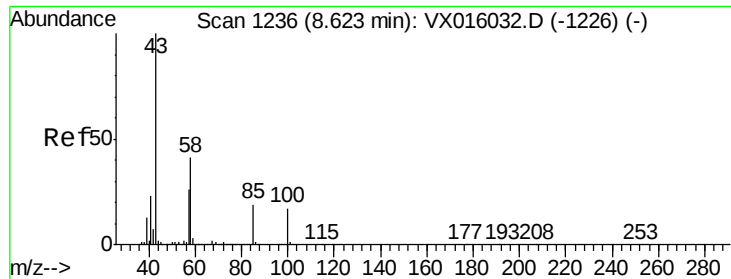
MMDadoda
 5/14/2020 12:16:02 PM



#50
 Toluene-d8
 Concen: 47.682 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 240.481 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1196048

Ion Ratio Lower Upper

43 100

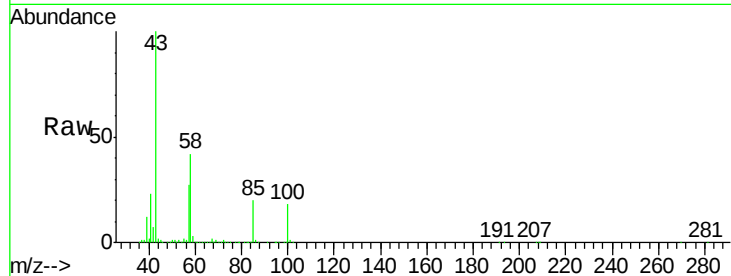
58 42.3 33.0 49.4

Manual Integrations

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MMDadoda

5/14/2020 12:16:02 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

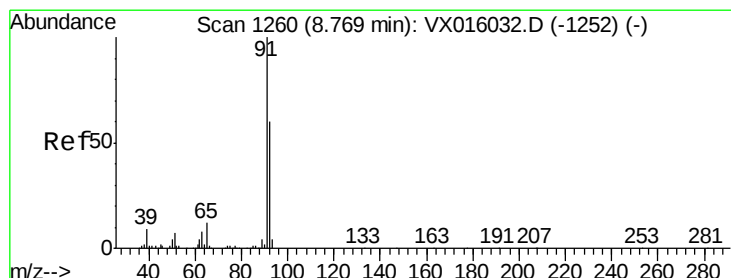
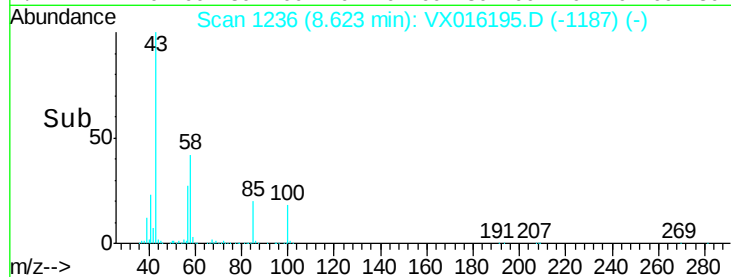
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.512 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016195.D

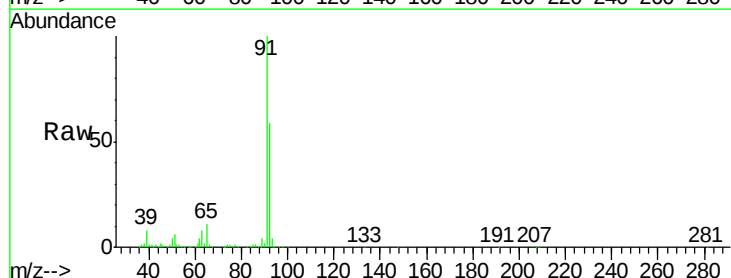
Acq: 13 May 2020 21:30

Tgt Ion: 92 Resp: 388850

Ion Ratio Lower Upper

92 100

91 168.1 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

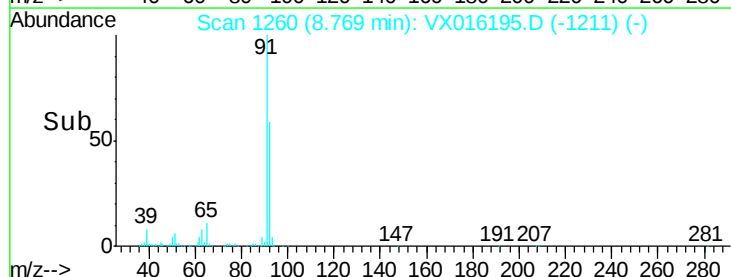
300000

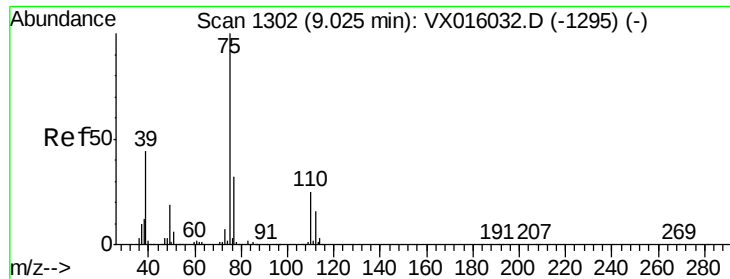
200000

100000

0

Time-->





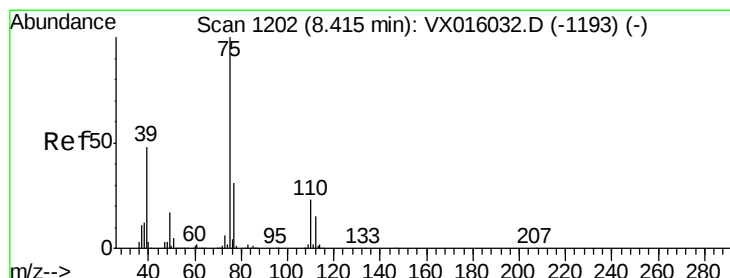
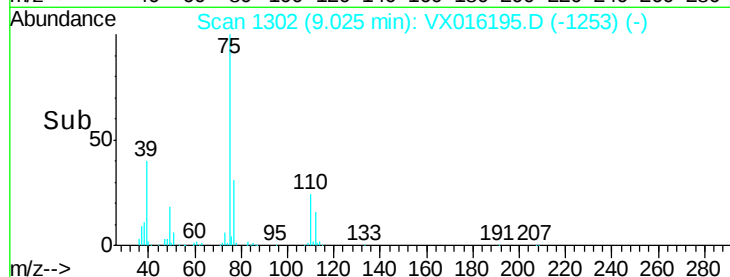
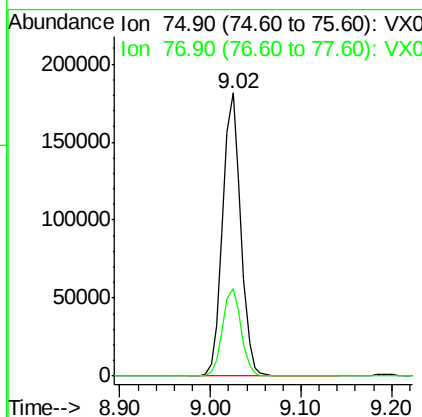
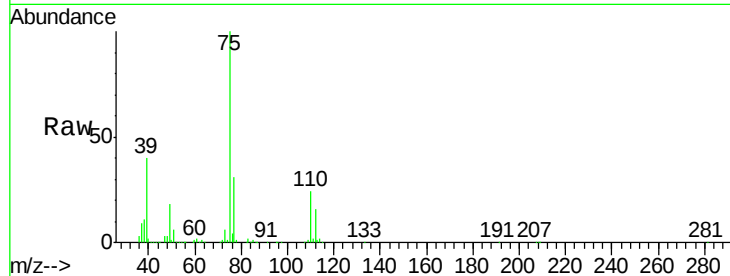
#53
t-1,3-Dichloropropene
Concen: 46.997 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.7	38.5

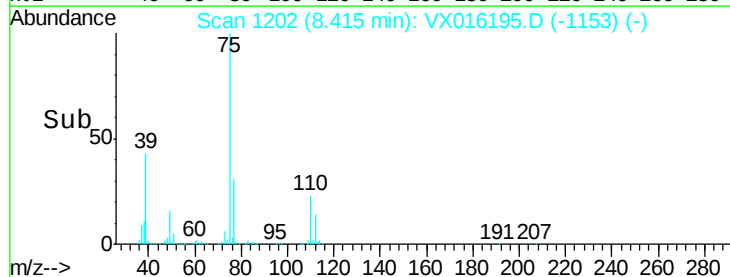
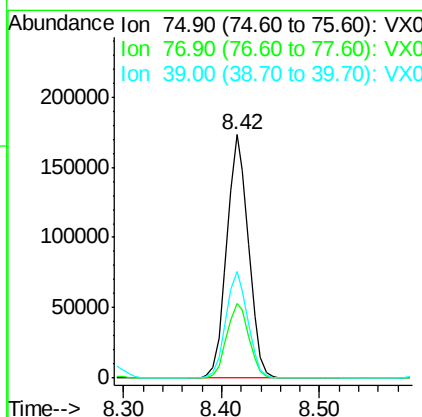
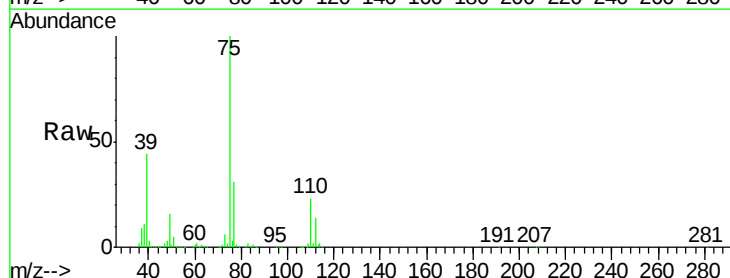
Manual Integrations
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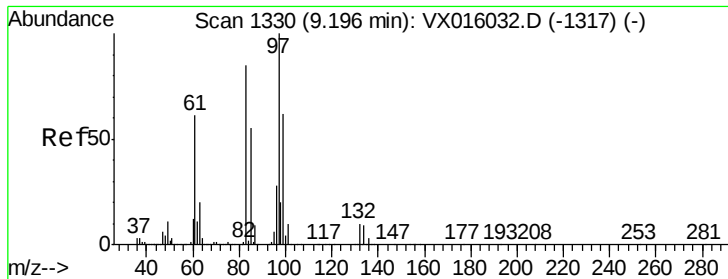
MMDadoda
5/14/2020 12:16:02 PM



#54
cis-1,3-Dichloropropene
Concen: 47.584 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.7	37.1
39	43.5	38.7	58.1





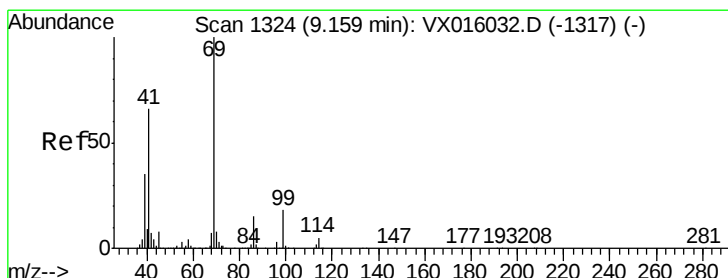
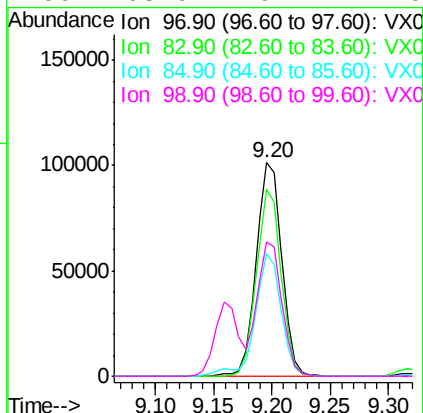
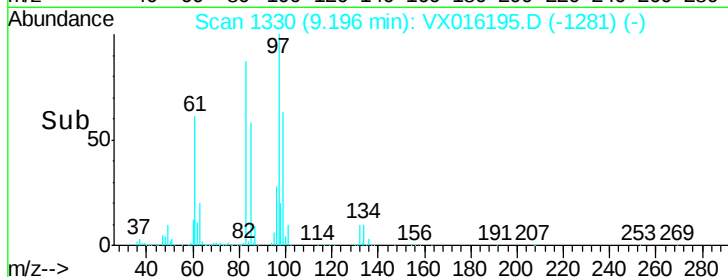
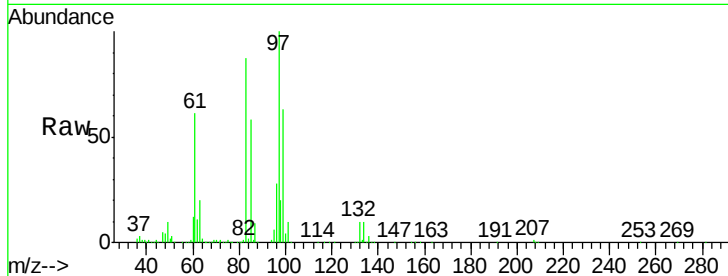
#55
 1,1,2-Trichloroethane
 Concen: 49.392 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	155764
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.8	101.8
85	57.5	43.8	65.8
99	63.0	49.4	74.0

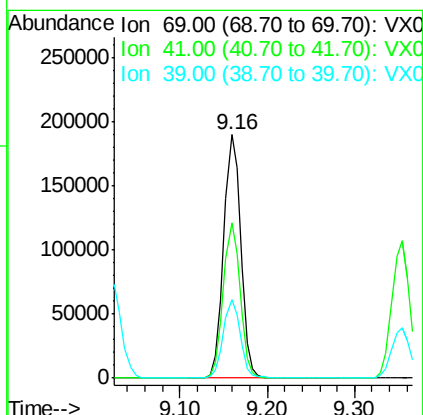
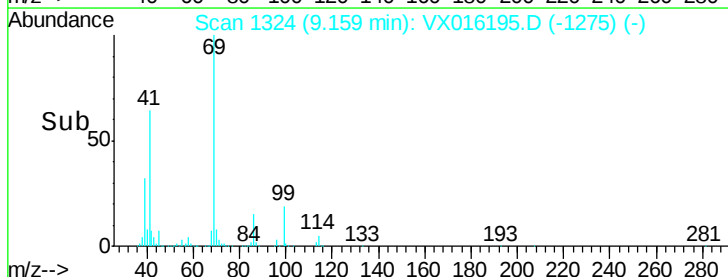
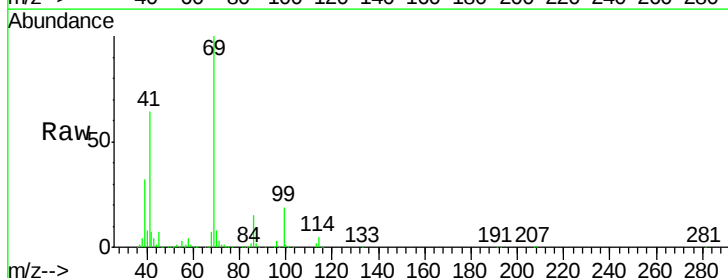
Manual Integrations
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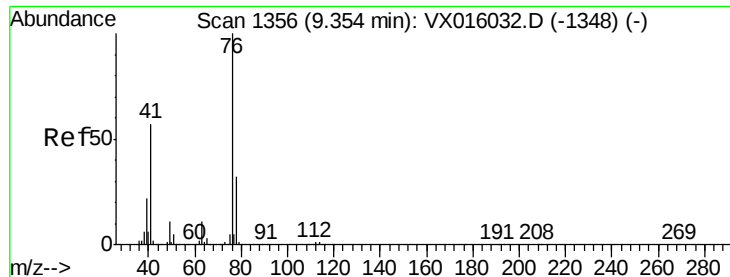
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 5/14/2020 12:16:02 PM



#56
 Ethyl methacrylate
 Concen: 49.871 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion:	69	Resp:	256722
Ion	Ratio	Lower	Upper
69	100		
41	62.7	52.2	78.4
39	32.1	28.2	42.4





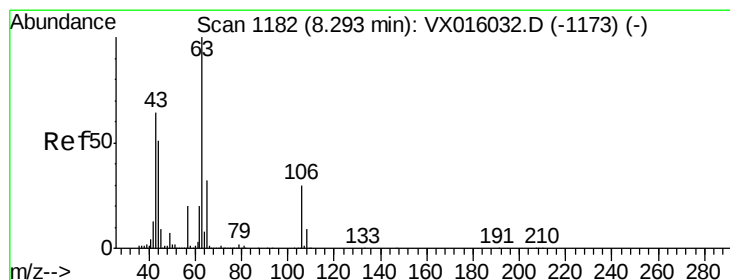
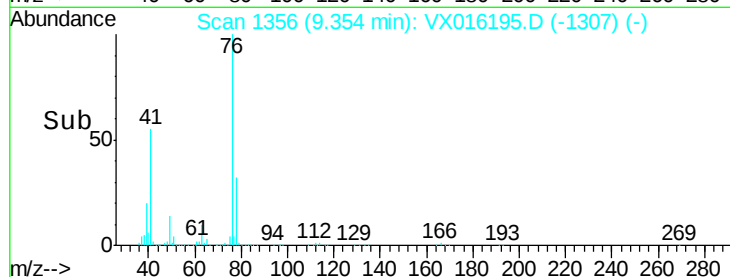
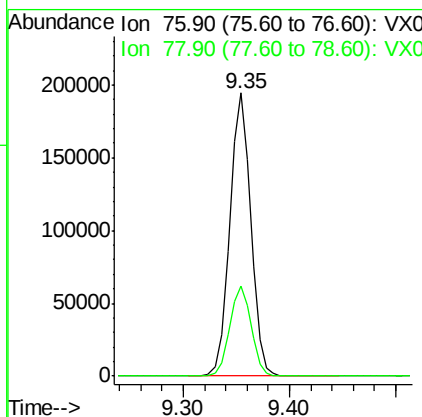
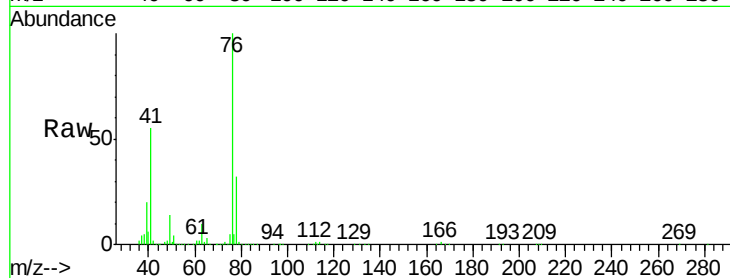
#57
 1,3-Dichloropropane
 Concen: 48.996 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

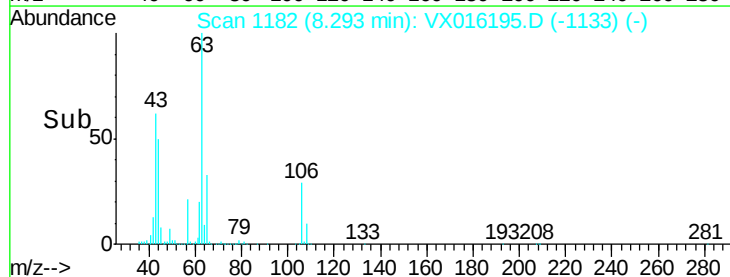
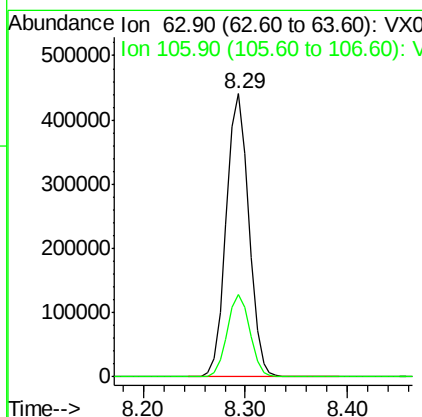
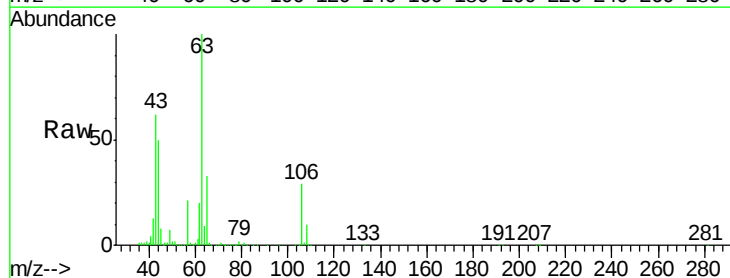
Manual Integrations
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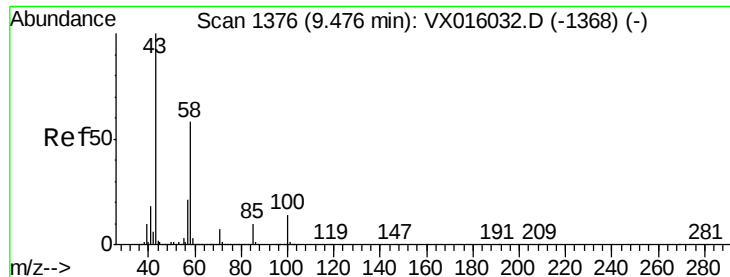
MMDadoda
 5/14/2020 12:16:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.114 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.4	35.2





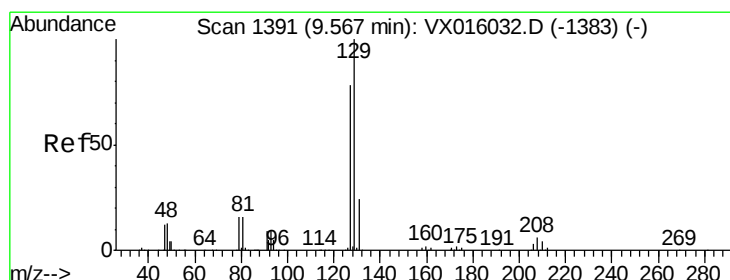
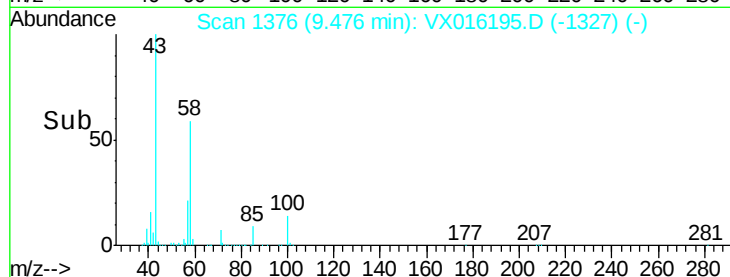
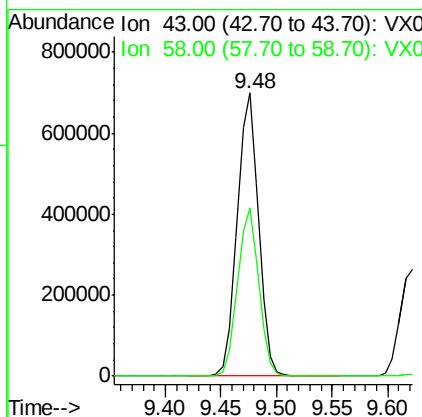
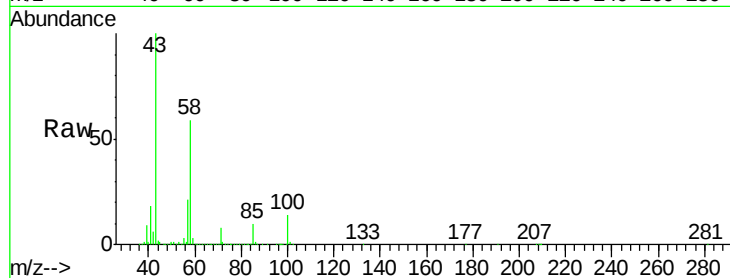
#59
2-Hexanone
Concen: 237.510 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 927682
Ion Ratio Lower Upper
43 100
58 59.0 28.6 85.9

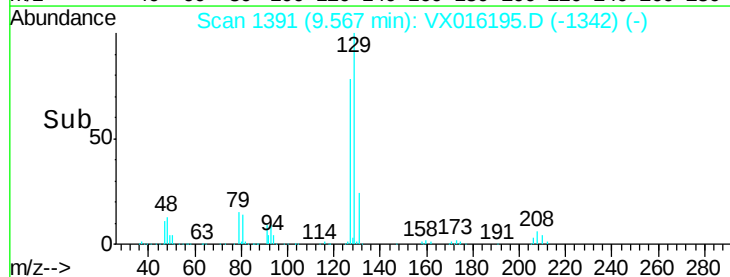
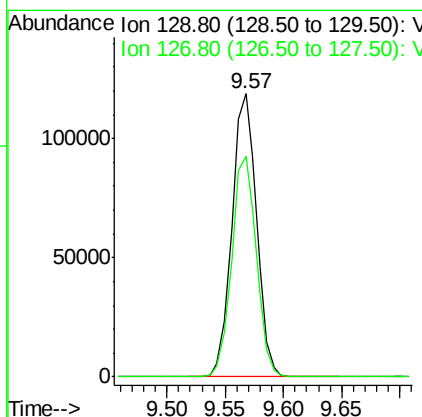
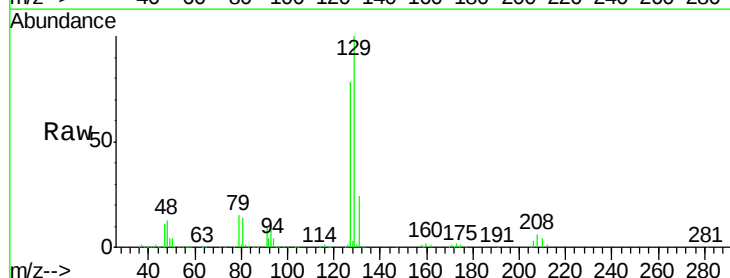
Manual Integrations
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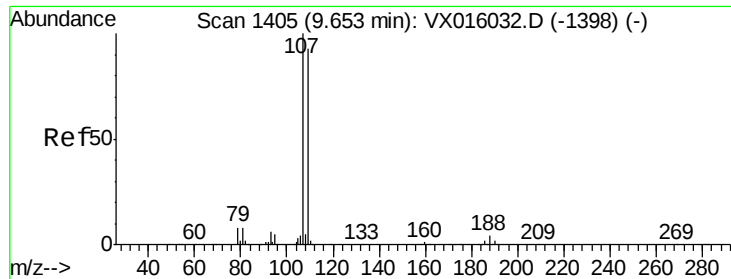
MMDadoda
5/14/2020 12:16:02 PM



#60
Dibromochloromethane
Concen: 50.466 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion: 129 Resp: 175282
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 48.844 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 166849

Ion Ratio Lower Upper

107 100

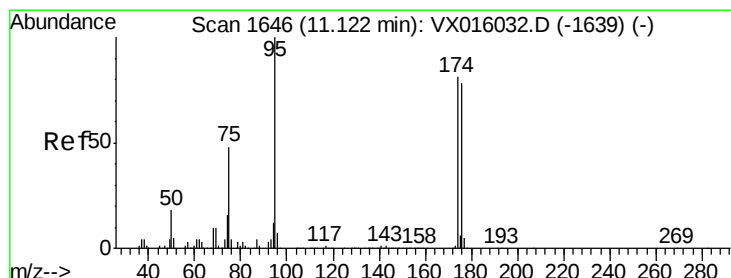
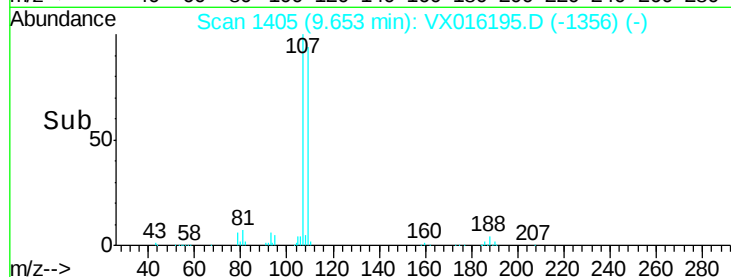
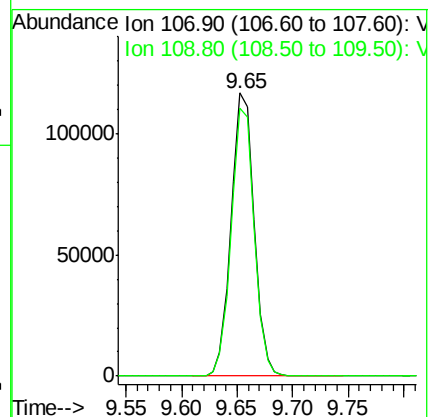
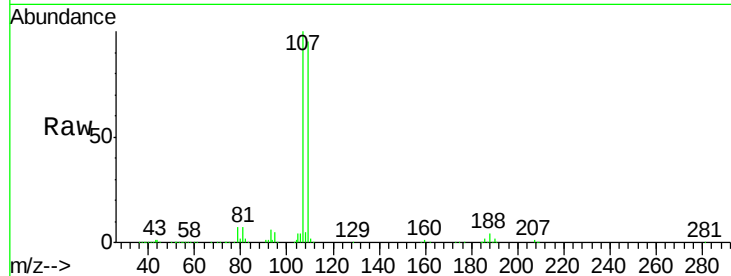
109 95.1 74.9 112.3

Manual Integrations

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5/14/2020 12:16:02 PM



#62

4-Bromofluorobenzene

Concen: 48.165 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

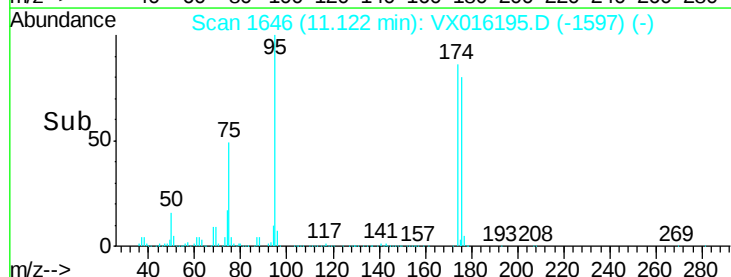
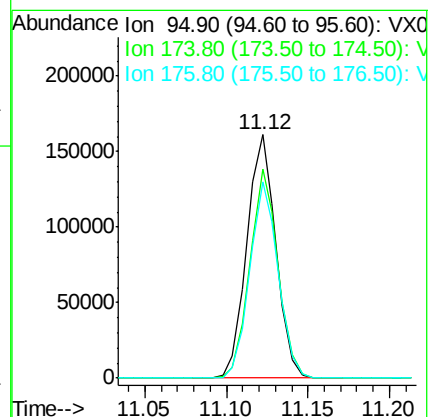
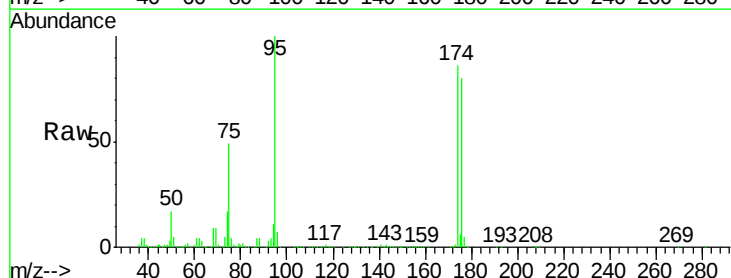
Tgt Ion: 95 Resp: 199666

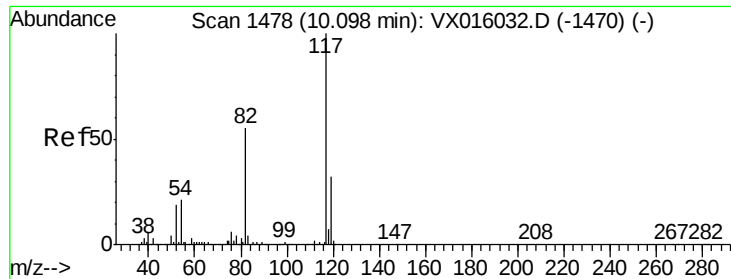
Ion Ratio Lower Upper

95 100

174 83.0 0.0 159.4

176 78.8 0.0 157.6





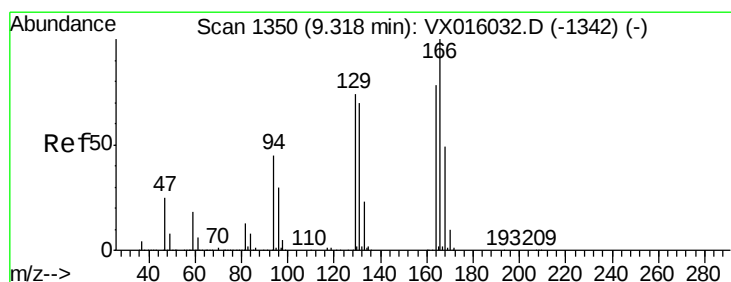
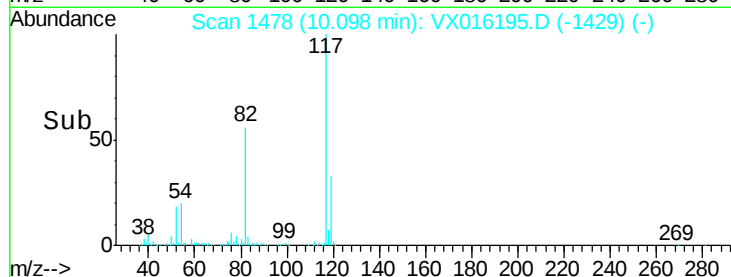
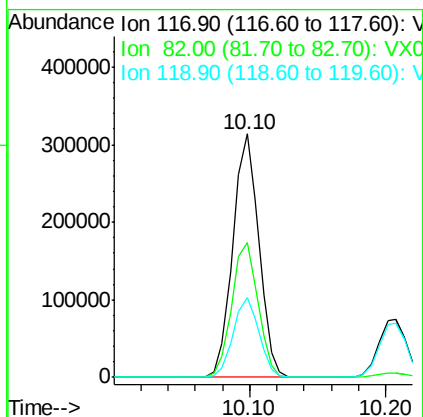
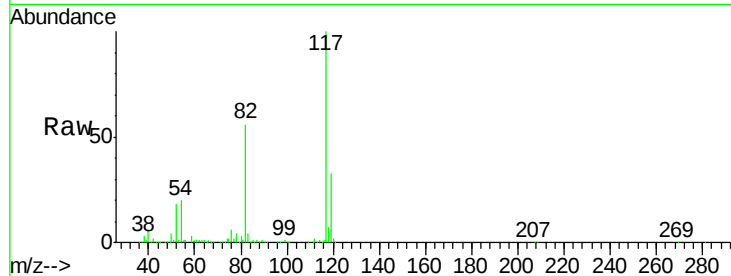
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	417647		
82	55.5	44.4	66.6	
119	32.8	25.5	38.3	

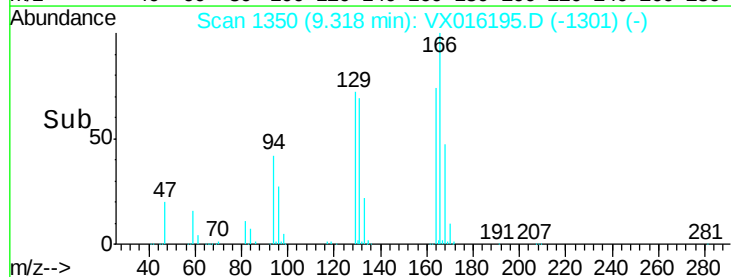
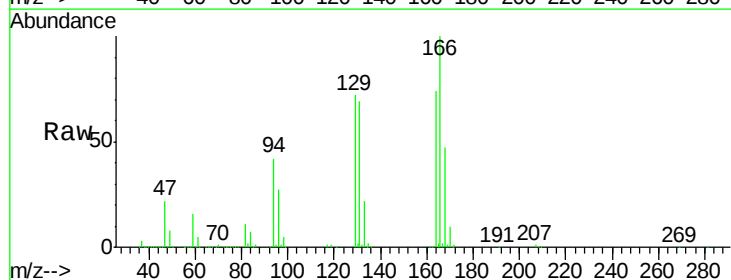
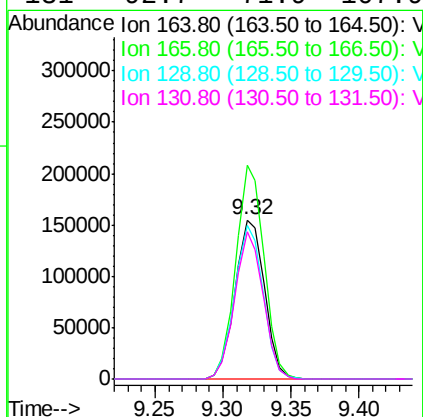
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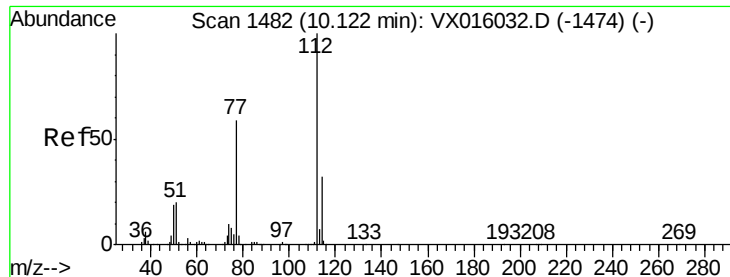
MMDadoda
5/14/2020 12:16:02 PM



#64
Tetrachloroethene
Concen: 45.554 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233561		
166	134.2	102.9	154.3	
129	96.9	76.1	114.1	
131	92.7	71.9	107.9	





#65

Chlorobenzene

Concen: 46.742 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 408762

Ion Ratio Lower Upper

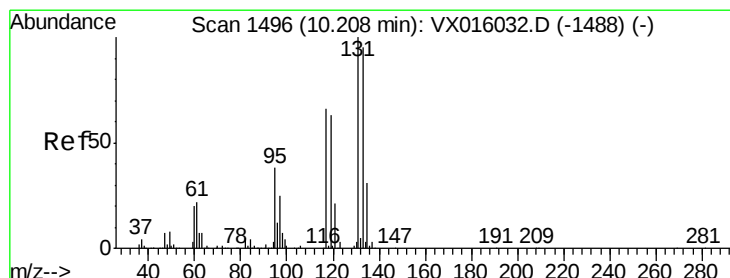
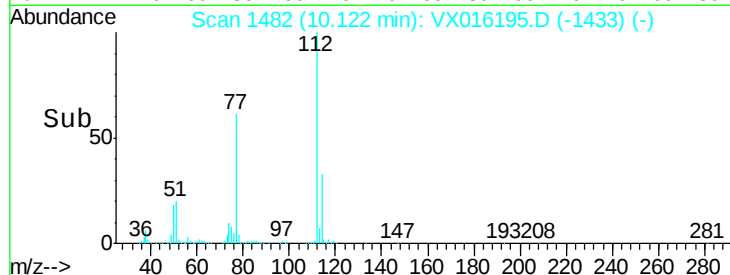
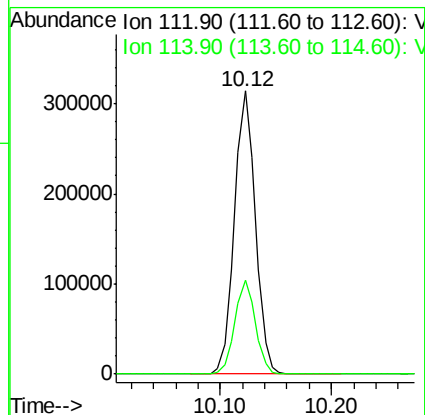
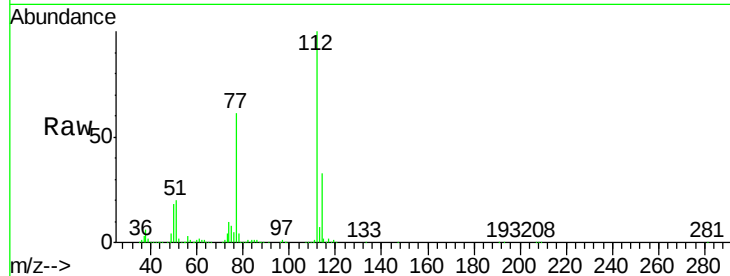
112 100

114 33.1 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 49.464 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

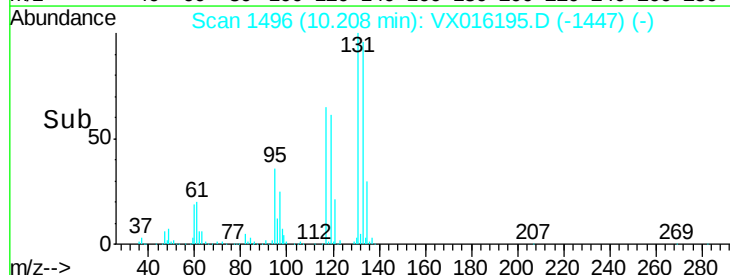
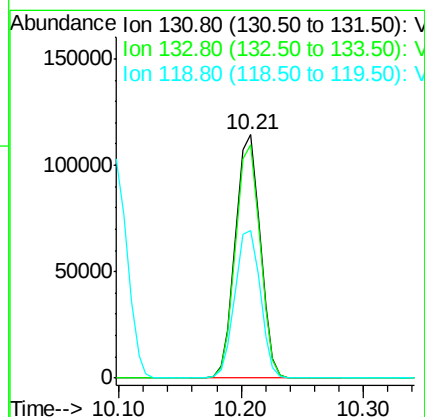
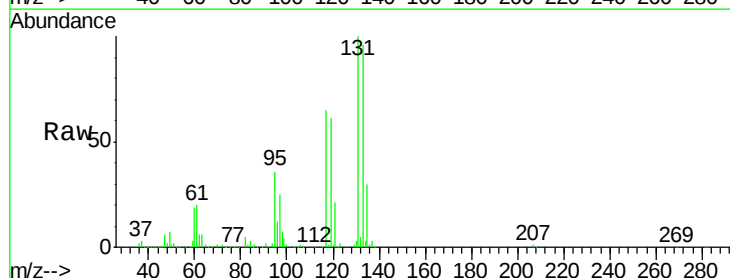
Tgt Ion:131 Resp: 159882

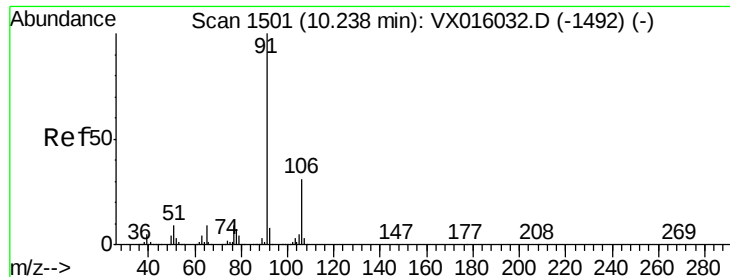
Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.8

119 62.4 32.3 96.9





#67

Ethyl Benzene

Concen: 47.145 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 735624

Ion Ratio Lower Upper

91 100

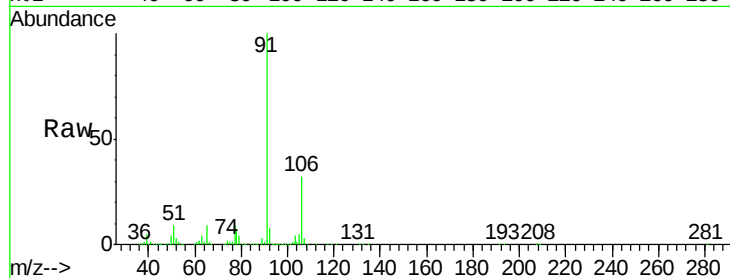
106 32.3 25.1 37.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX016032.D (-1492) (-)

1000000

800000

600000

400000

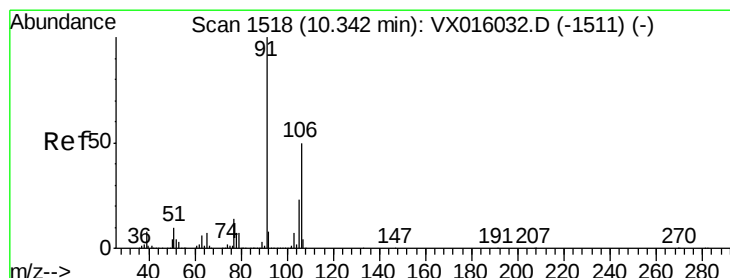
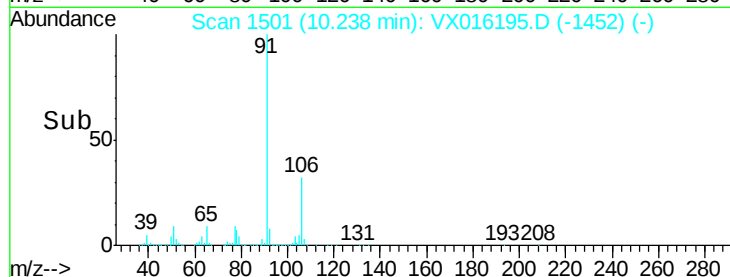
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 96.068 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016195.D

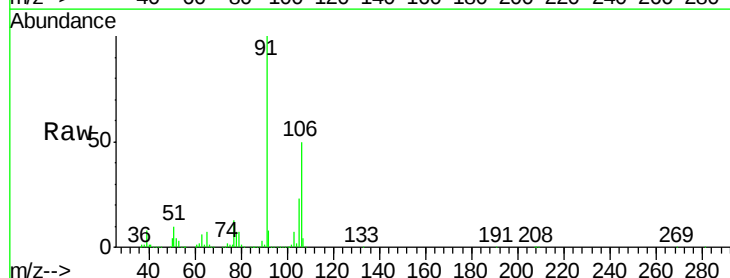
Acq: 13 May 2020 21:30

Tgt Ion: 106 Resp: 561613

Ion Ratio Lower Upper

106 100

91 200.7 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016195.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016195.D (-1469) (-)

1000000

800000

600000

400000

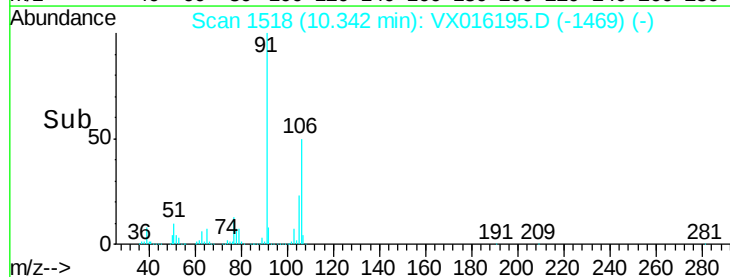
200000

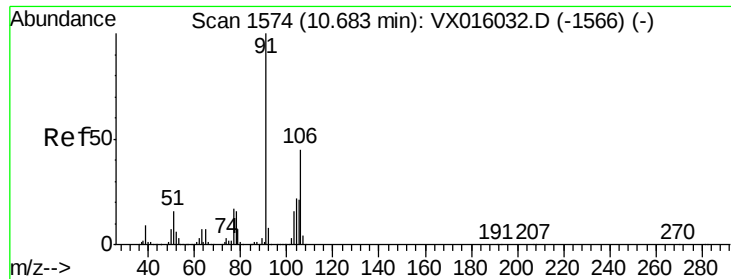
0

10.30

10.40

Time-->





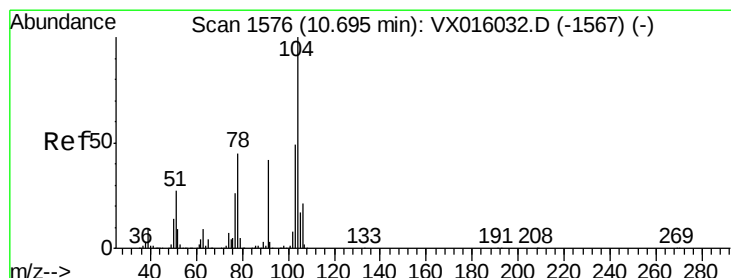
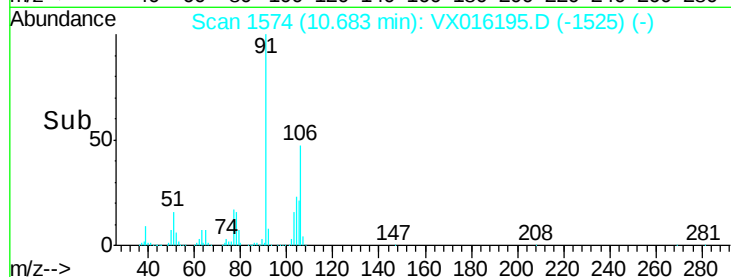
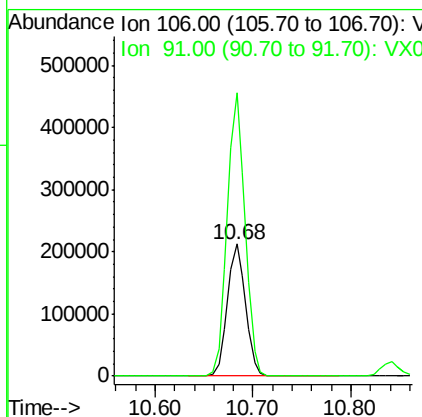
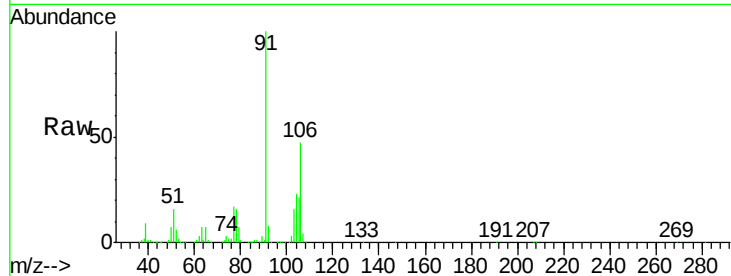
#69
o-Xylene
Concen: 48.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
272662	106			
106	100			
91	211.4	107.5	322.6	

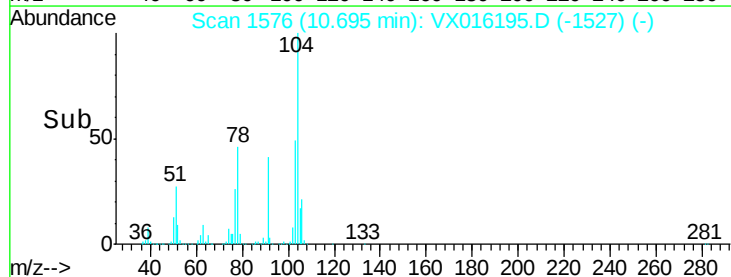
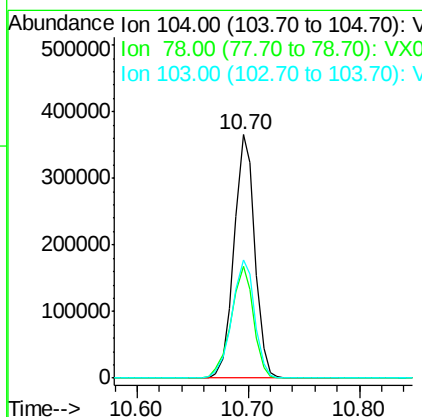
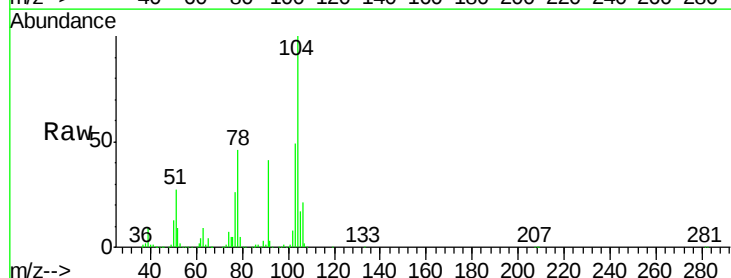
Manual Integrations
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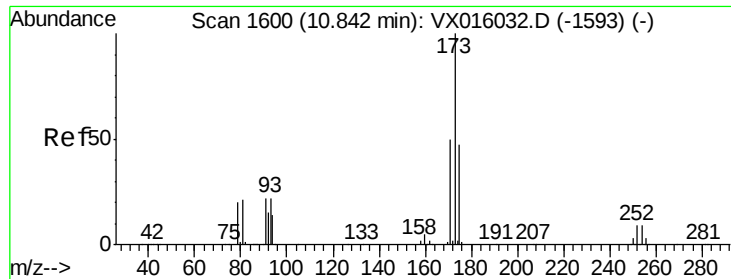
MMDadoda
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#70
Styrene
Concen: 49.403 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ion	Ratio	Lower	Upper
470976	104			
104	100			
78	49.7	40.2	60.2	
103	53.5	43.0	64.6	





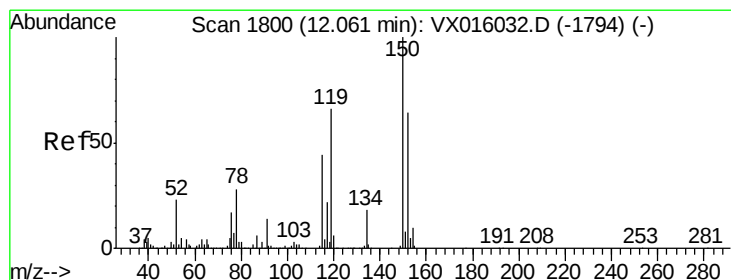
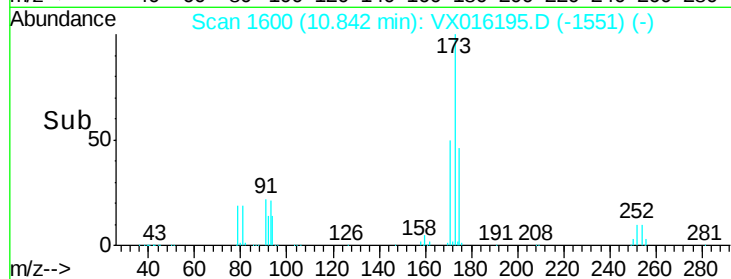
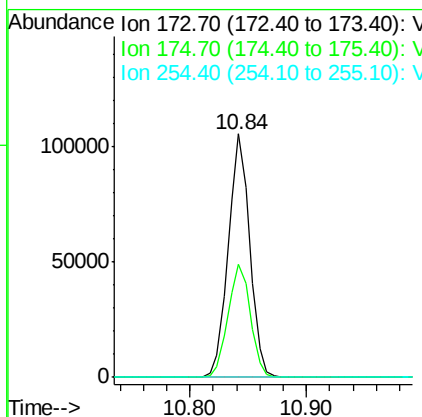
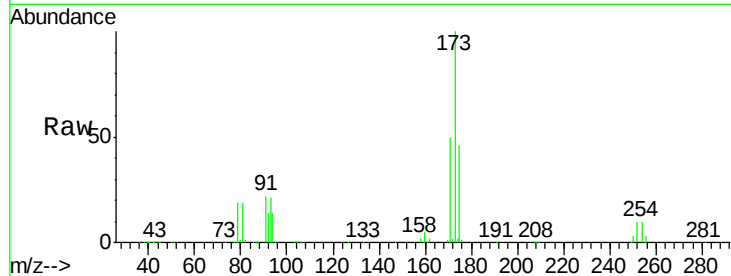
#71
Bromoform
Concen: 51.319 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.0	72.0
254	0.1	0.1	0.1

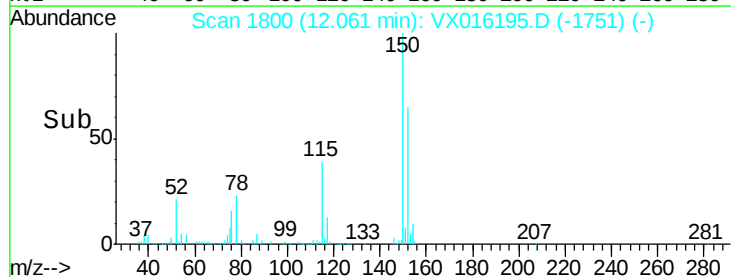
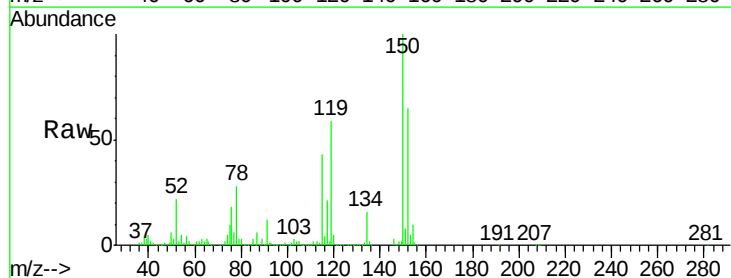
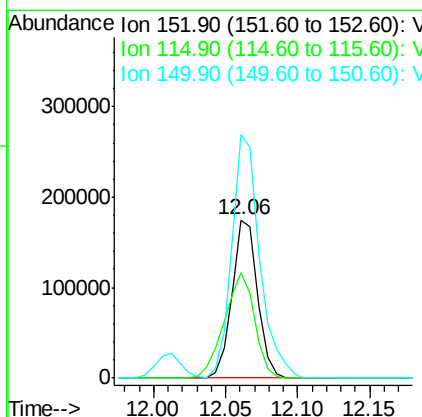
Manual Integrations
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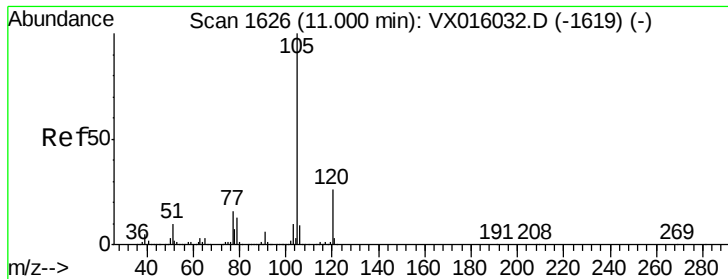
MMDadoda
5/14/2020 12:16:02 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.4	41.3	124.1
150	169.0	0.0	352.2





#73

Isopropylbenzene

Concen: 46.336 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 728491

Ion Ratio Lower Upper

105 100

120 25.9

13.4

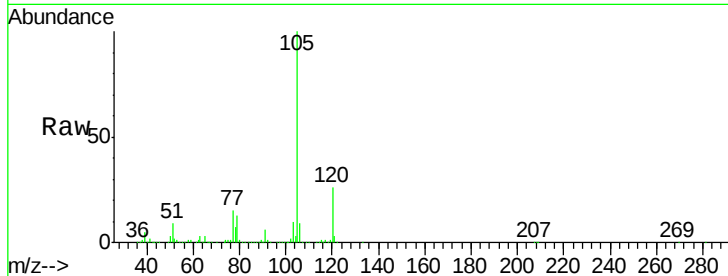
40.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

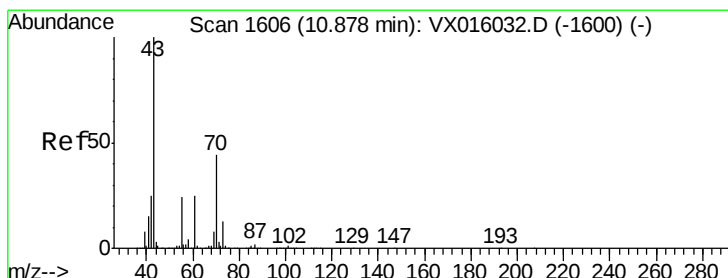
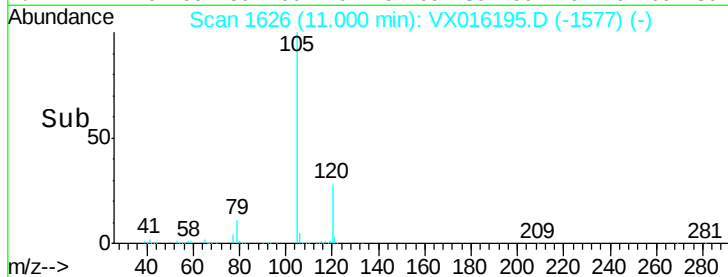
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 44.771 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion: 43 Resp: 328328

Ion Ratio Lower Upper

43 100

70 46.4

36.5

54.7

55 25.4

19.7

29.5

61 26.4

20.9

31.3

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

400000

300000

200000

100000

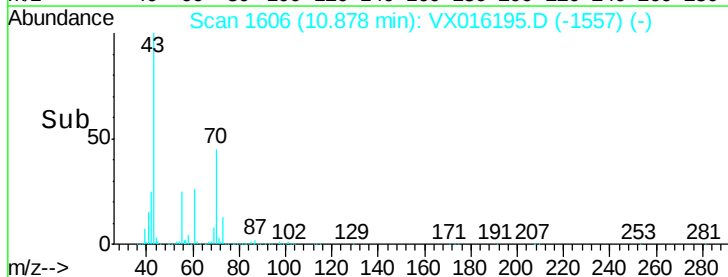
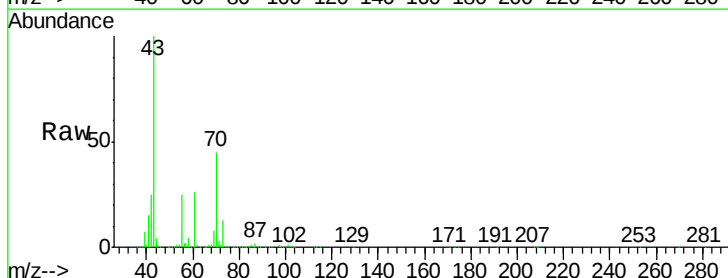
0

10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.599 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

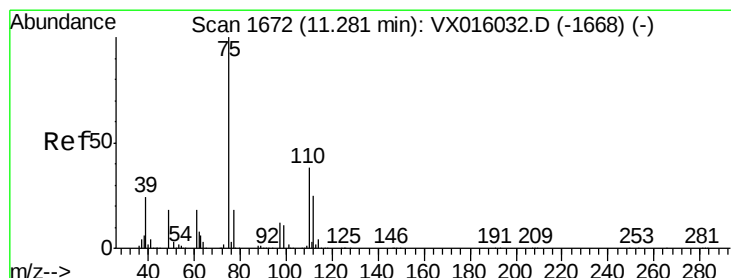
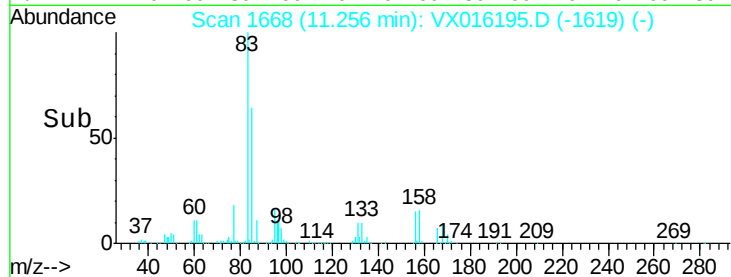
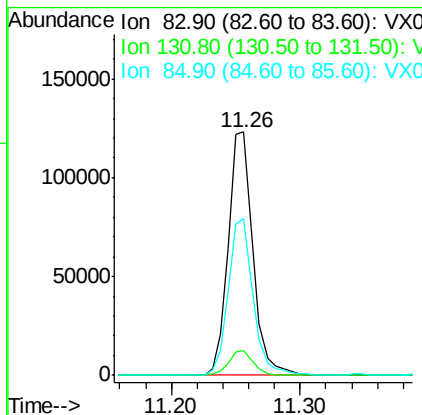
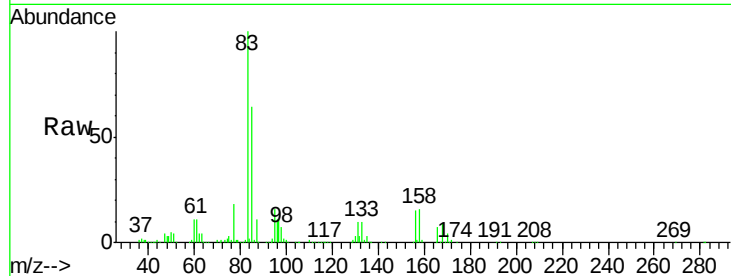
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167021
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	64.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.592 ug/l m

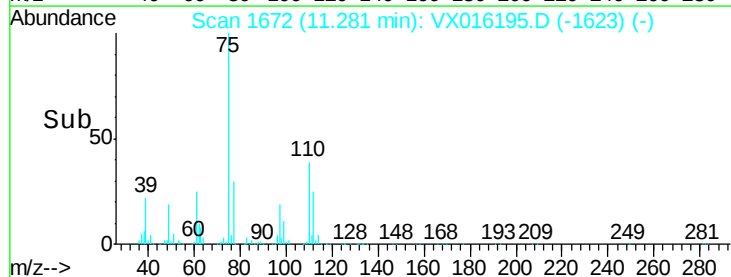
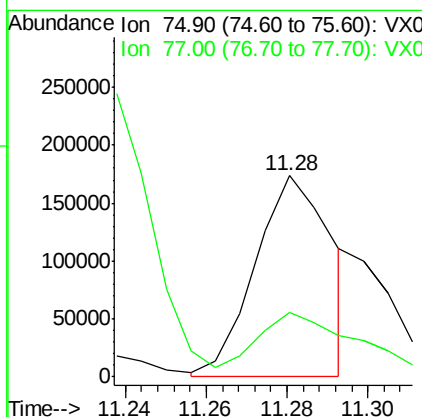
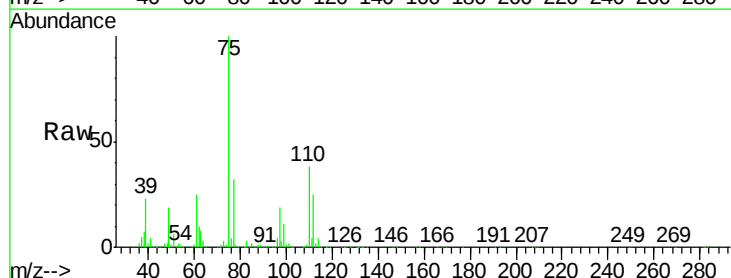
RT: 11.28 min Scan# 1672

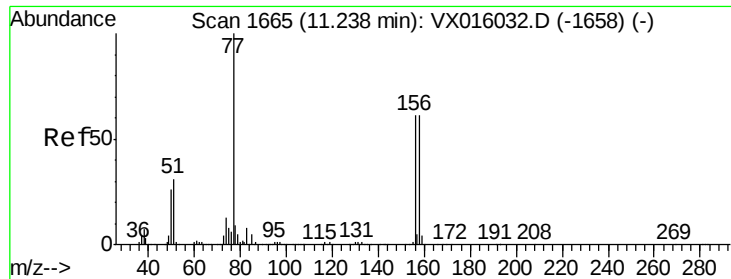
Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	75	Resp:	228539
Ion Ratio	Lower	Upper	
75	100		
77	42.6	21.2	63.6





#77

Bromobenzene

Concen: 45.906 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

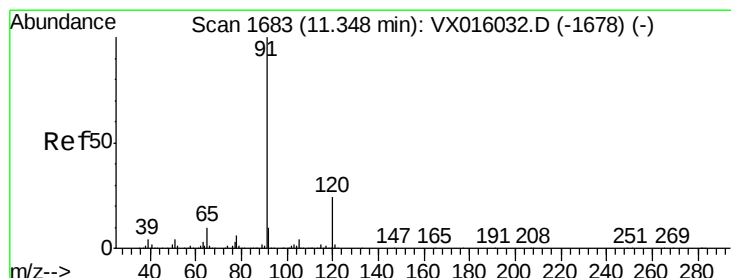
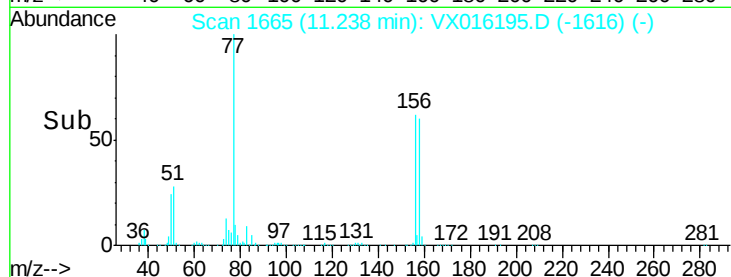
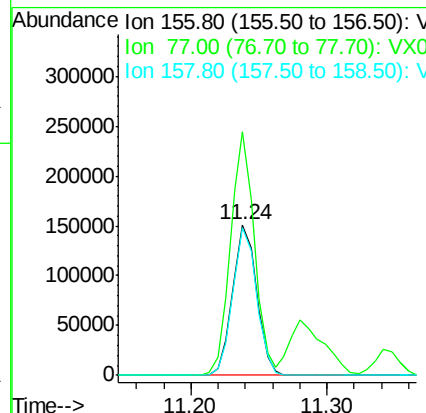
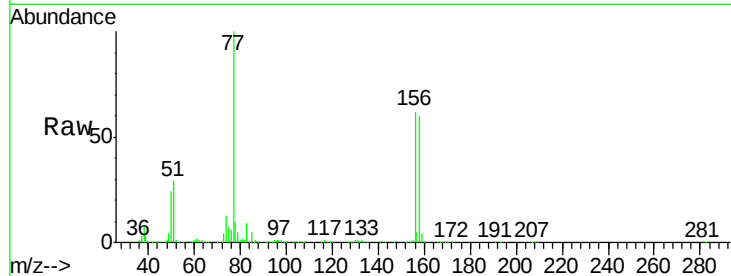
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	186291		
77	159.5	80.1	240.3	
158	97.3	49.4	148.2	

Manual Integrations
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5/14/2020 12:16:02 PM



#78

n-propylbenzene

Concen: 45.293 ug/l

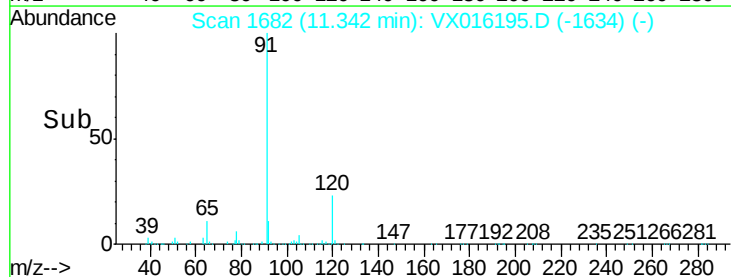
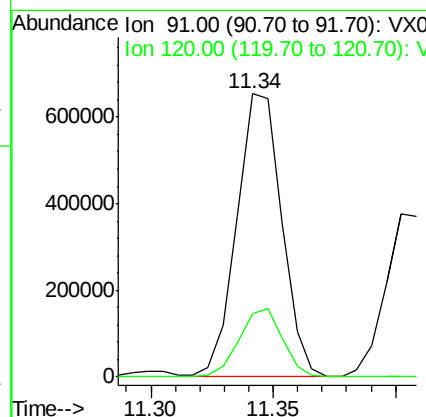
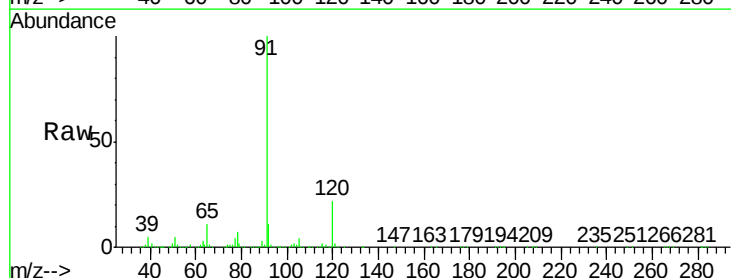
RT: 11.34 min Scan# 1682

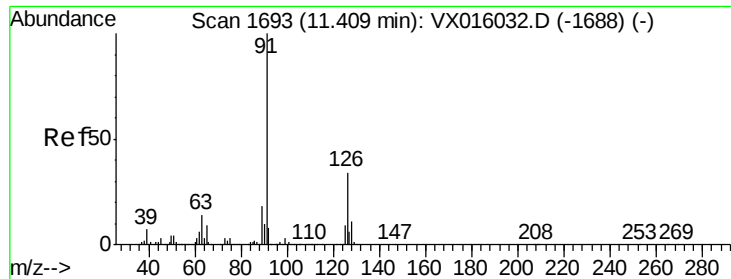
Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	828410		
120	23.6	11.5	34.5	





#79

2-Chlorotoluene

Concen: 45.703 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 493419

Ion Ratio Lower Upper

91 100

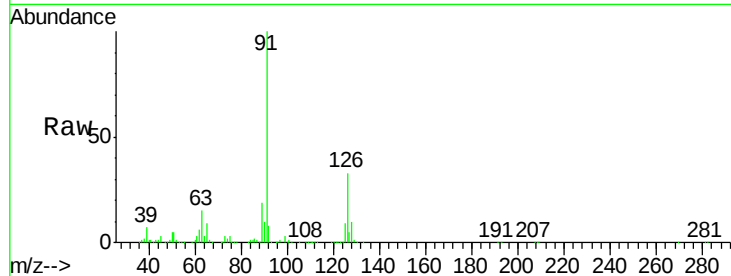
126 34.3 16.9 50.6

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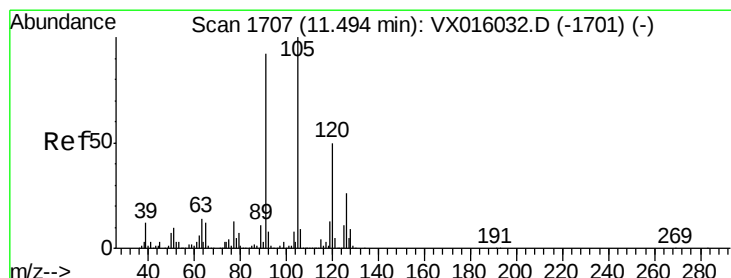
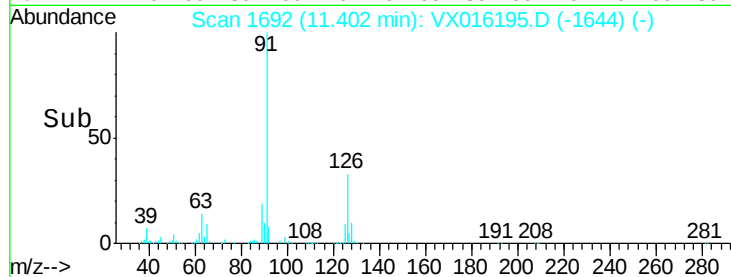
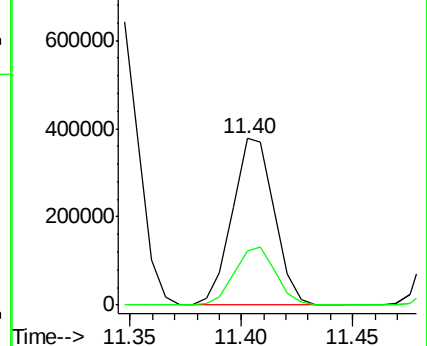
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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.819 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016195.D

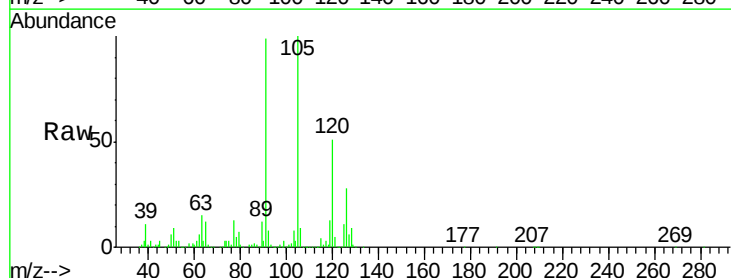
Acq: 13 May 2020 21:30

Tgt Ion: 105 Resp: 608230

Ion Ratio Lower Upper

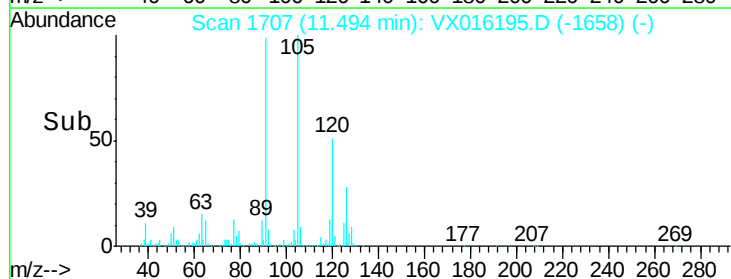
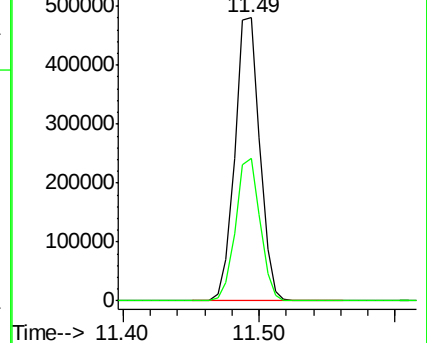
105 100

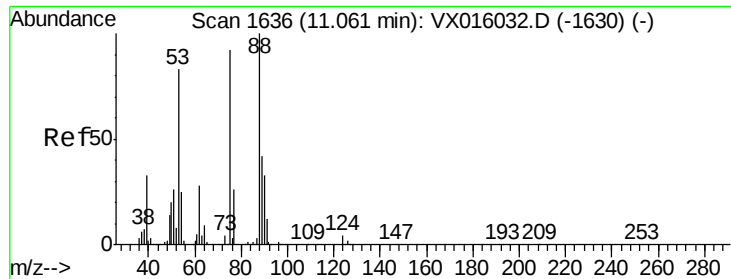
120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.602 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

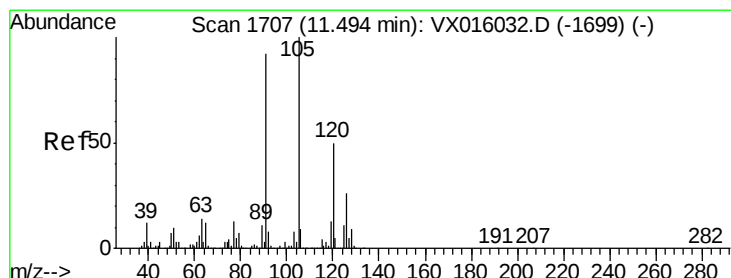
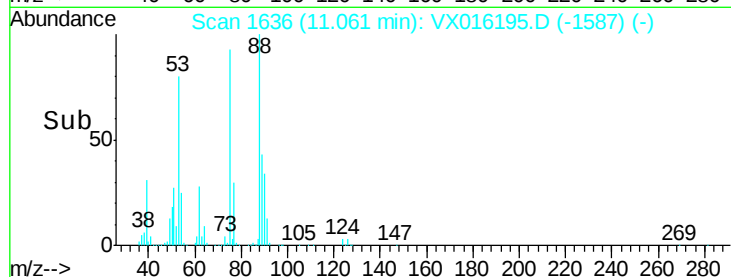
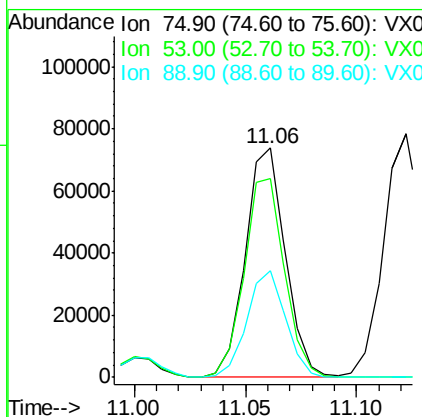
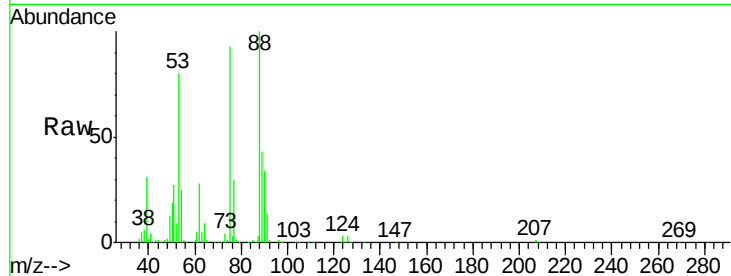
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	91805
Ion	Ratio	Lower	Upper
75	100		
53	88.2	73.1	109.7
89	45.6	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.568 ug/l

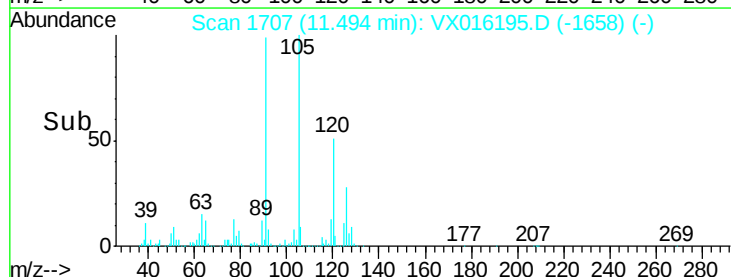
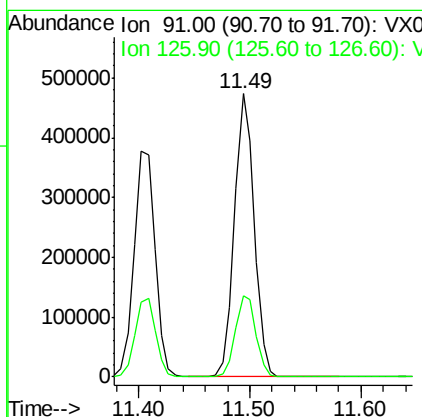
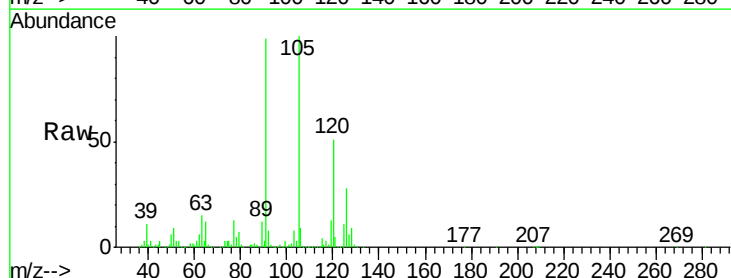
RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	91	Resp:	580941
Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.8	44.3





#83

tert-Butylbenzene

Concen: 46.123 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

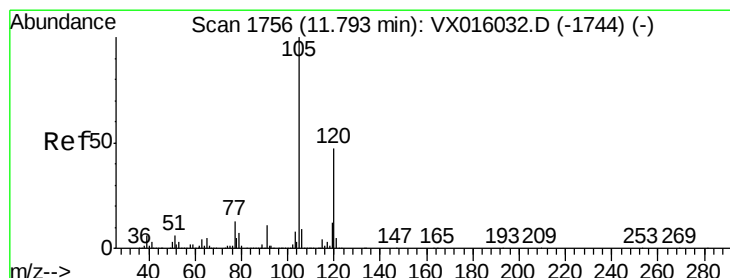
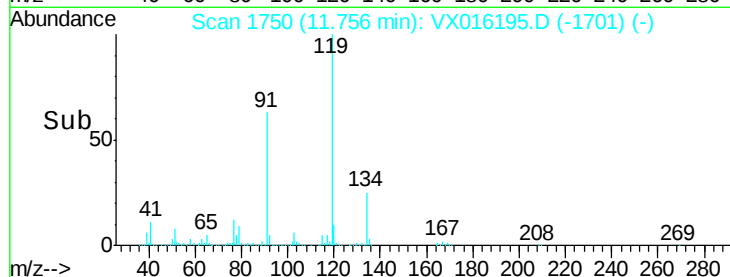
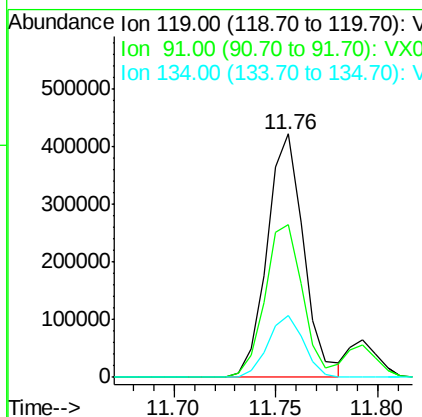
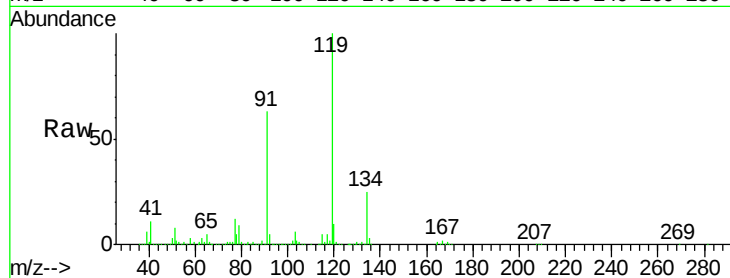
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	527643
Ion Ratio	Lower	Upper	
119	100		
91	64.0	32.8	98.4
134	24.8	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 46.197 ug/l

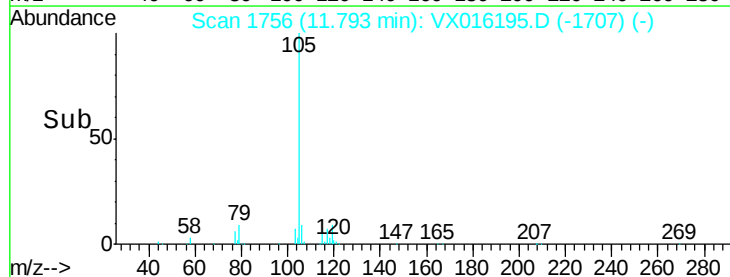
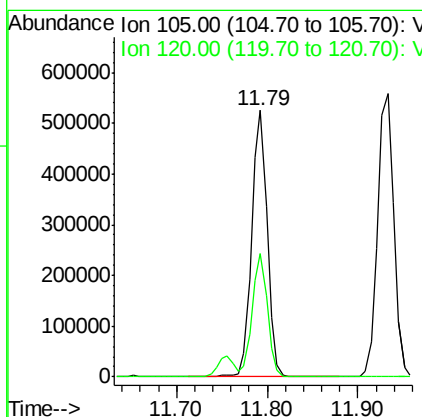
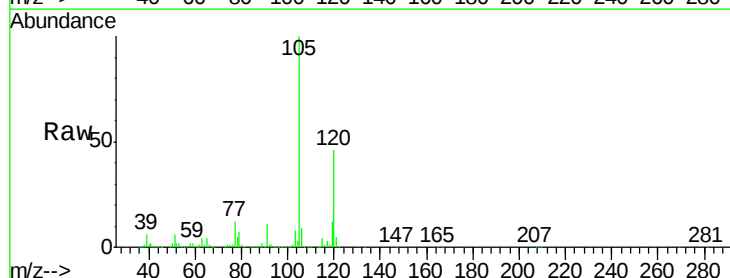
RT: 11.79 min Scan# 1756

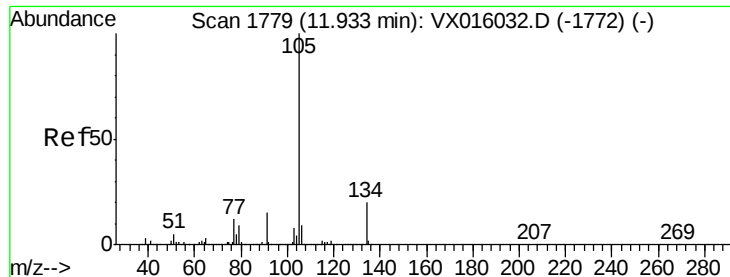
Delta R.T. -0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	105	Resp:	619983
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.0	69.0





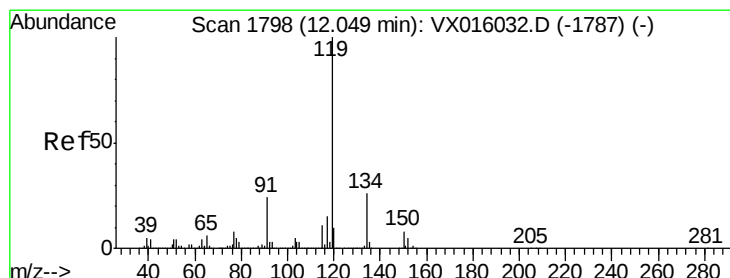
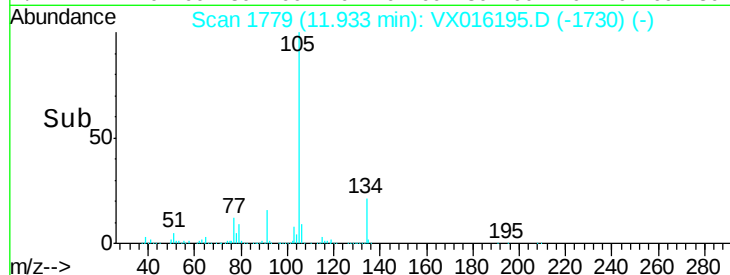
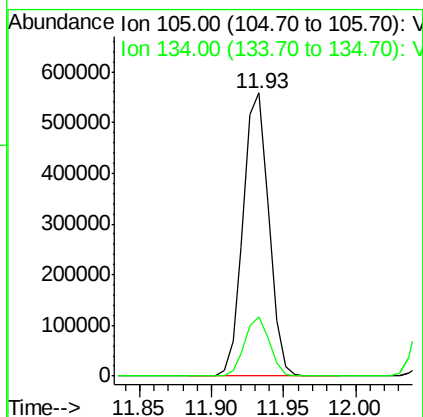
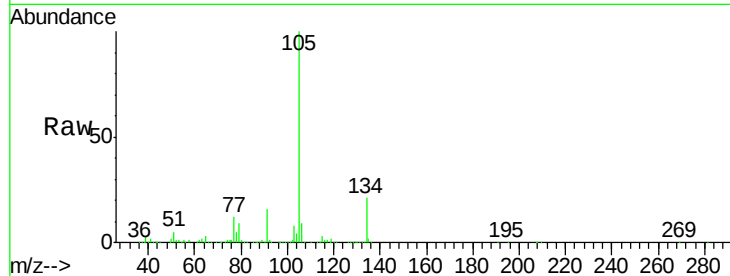
#85
 sec-Butylbenzene
 Concen: 44.593 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

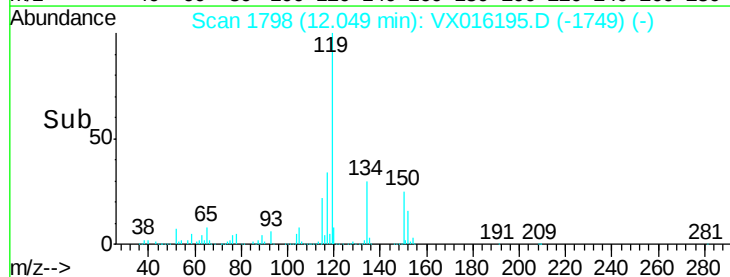
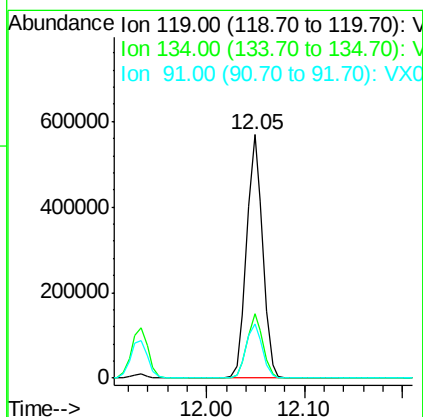
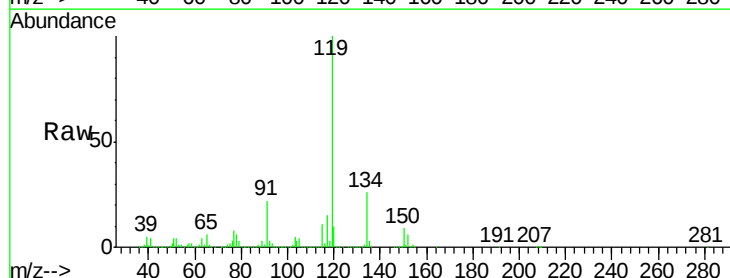
Manual Integrations
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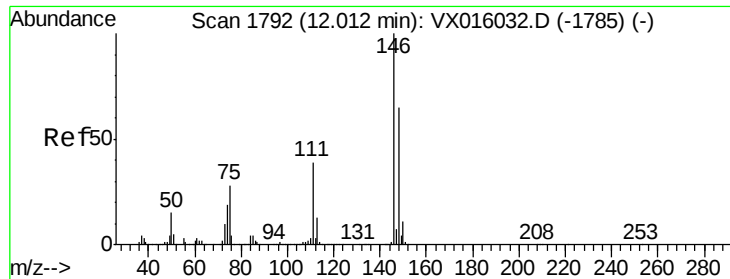
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#86
 p-Isopropyltoluene
 Concen: 44.982 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	22.9	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 45.281 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Instrument :

MSVOA_X

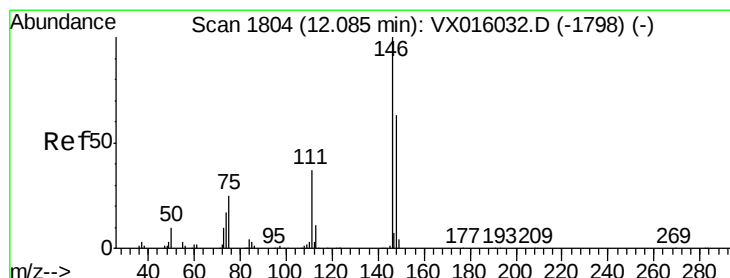
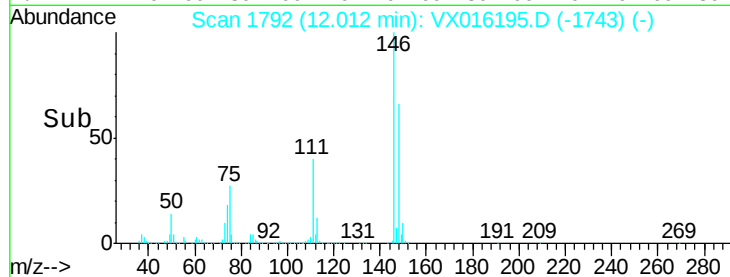
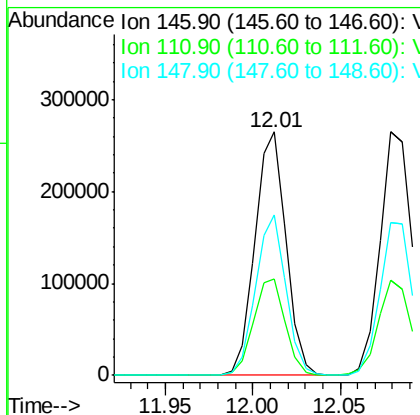
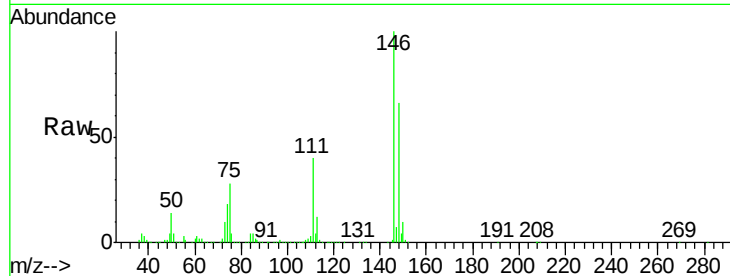
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	329938
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.2	60.6
148	64.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.112 ug/l

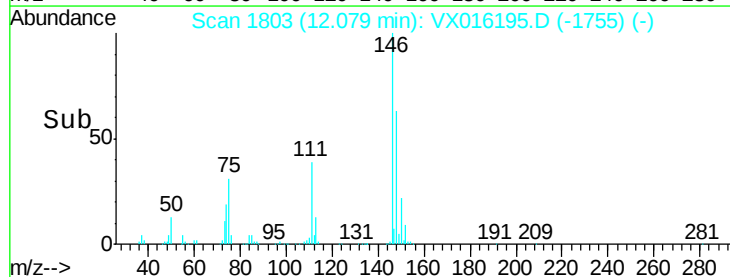
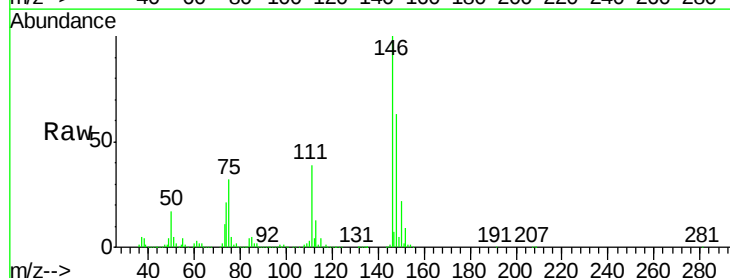
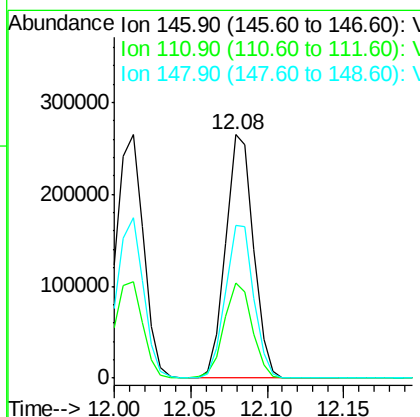
RT: 12.08 min Scan# 1803

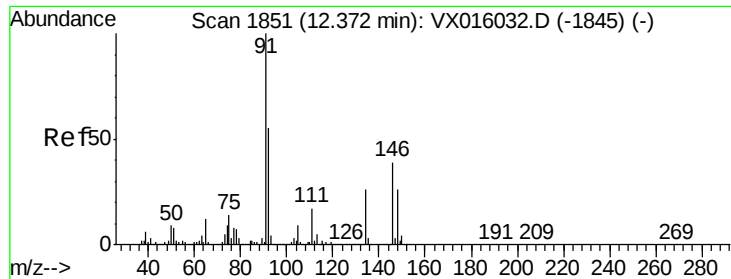
Delta R.T. -0.01 min

Lab File: VX016195.D

Acq: 13 May 2020 21:30

Tgt Ion:	146	Resp:	333632
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.6	58.7
148	63.9	31.8	95.3





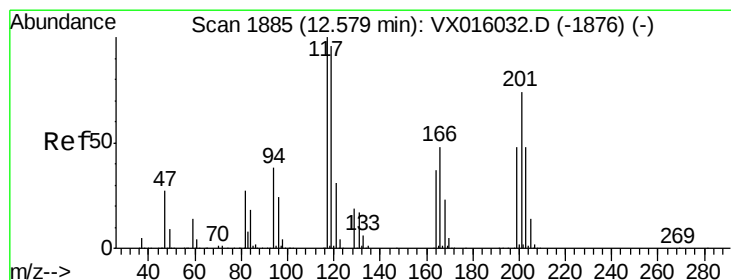
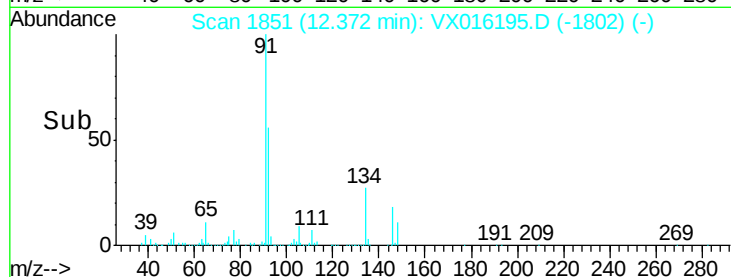
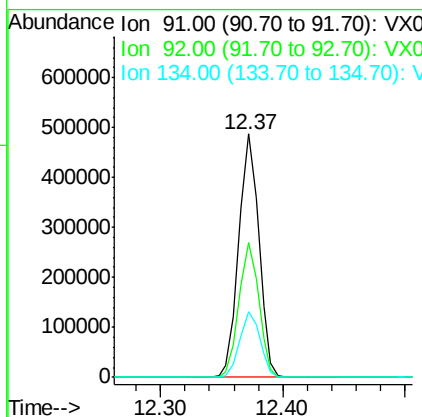
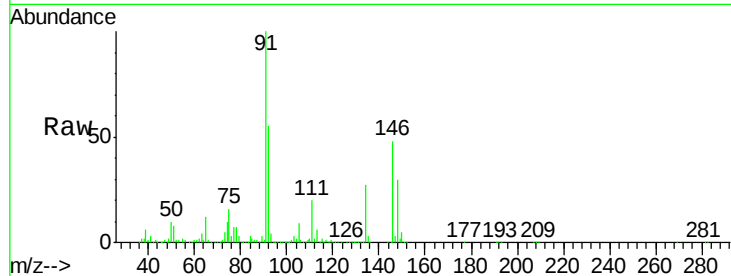
#89
n-Butylbenzene
Concen: 42.133 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	26.9	13.4	40.1

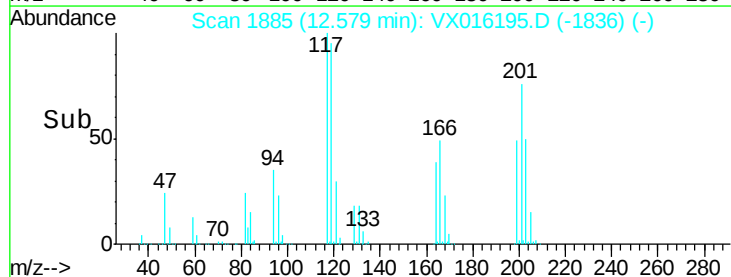
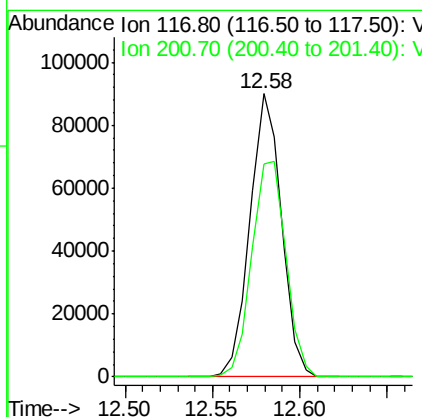
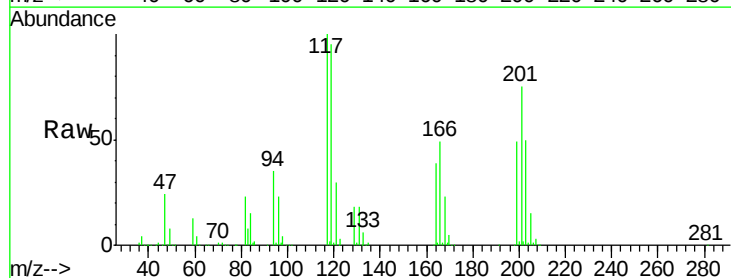
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#90
Hexachloroethane
Concen: 46.138 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	39.8	119.3





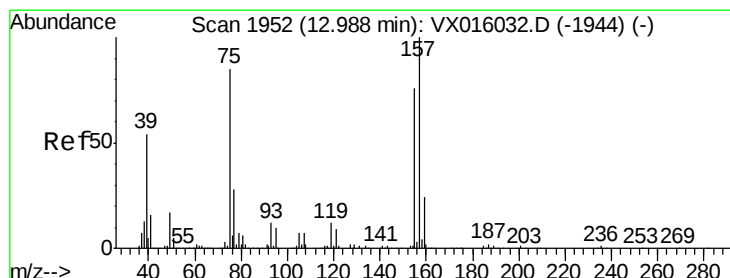
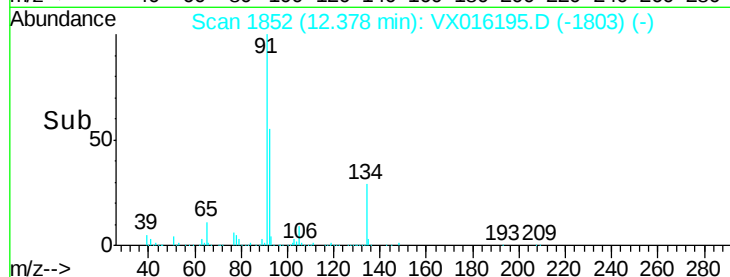
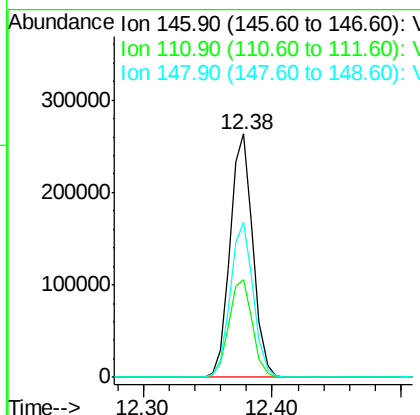
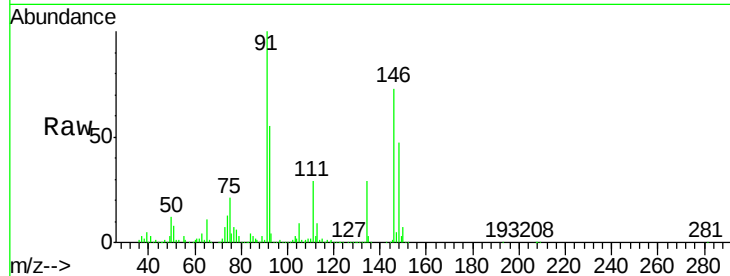
#91
 1,2-Dichlorobenzene
 Concen: 46.587 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.3	21.1	63.1	
148	63.9	32.4	97.0	

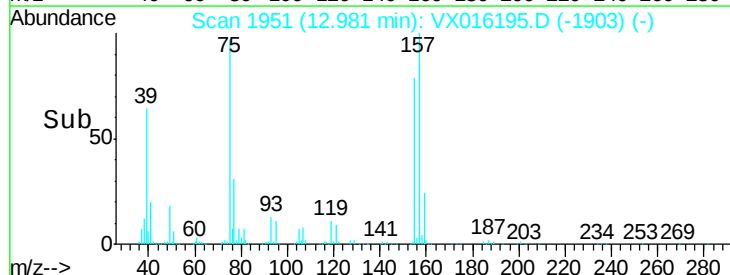
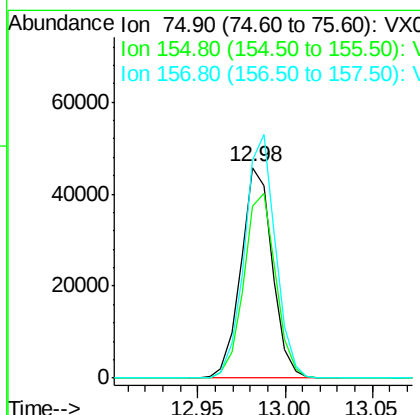
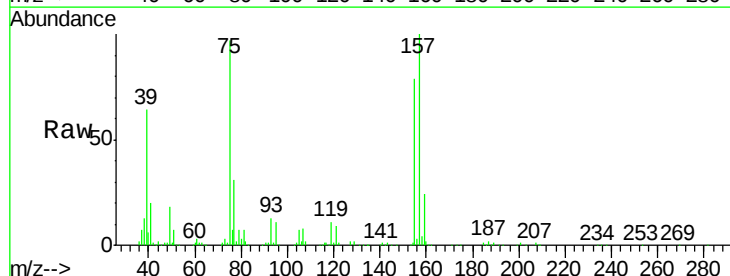
Manual Integrations
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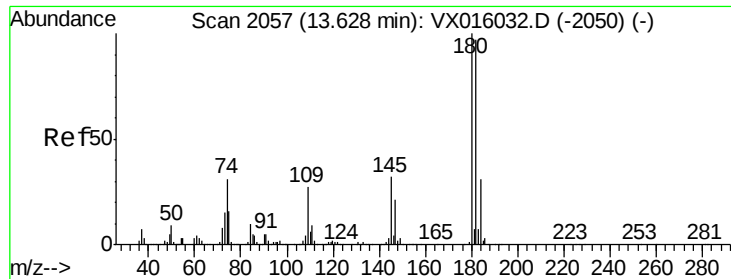
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.945 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	89.1	42.5	127.5	
157	114.2	55.3	165.8	





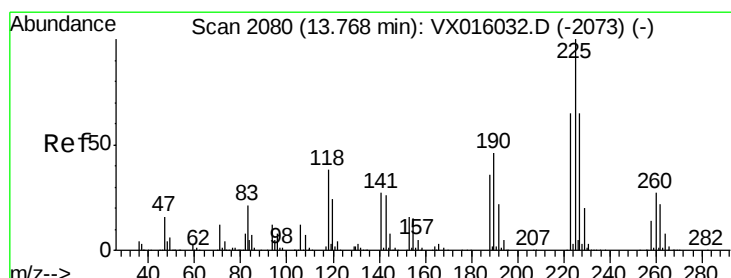
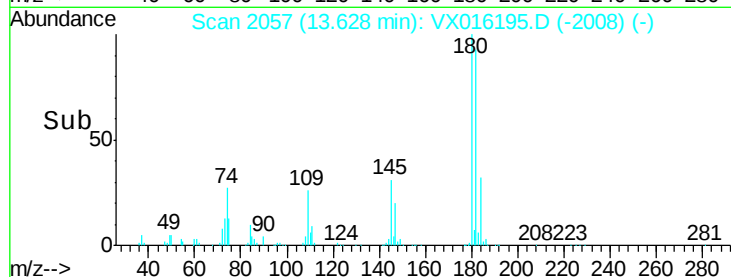
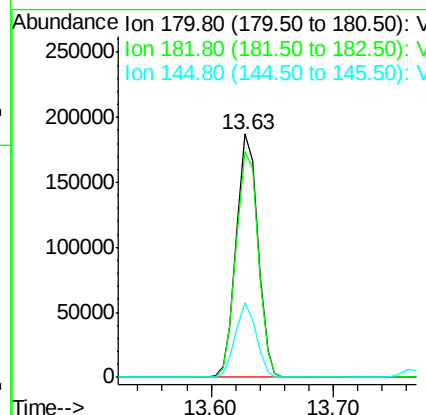
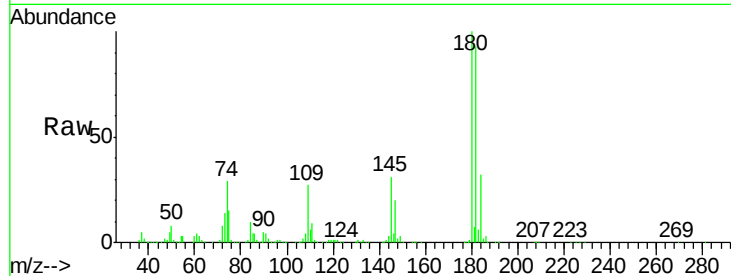
#93
 1,2,4-Trichlorobenzene
 Concen: 43.831 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227681		
182	95.1	48.7	146.1	
145	29.8	15.7	47.1	

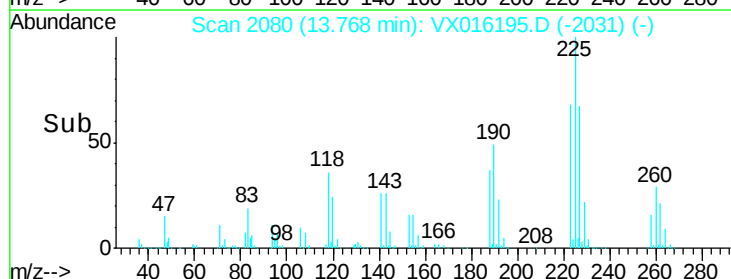
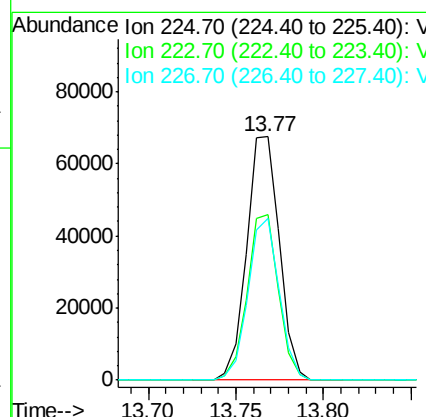
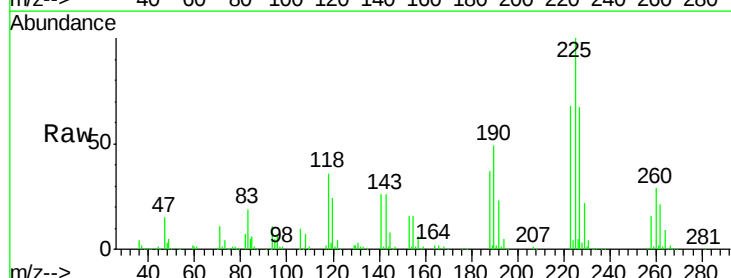
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 39.285 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016195.D
 Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87618		
223	64.7	32.3	96.9	
227	63.2	31.8	95.4	





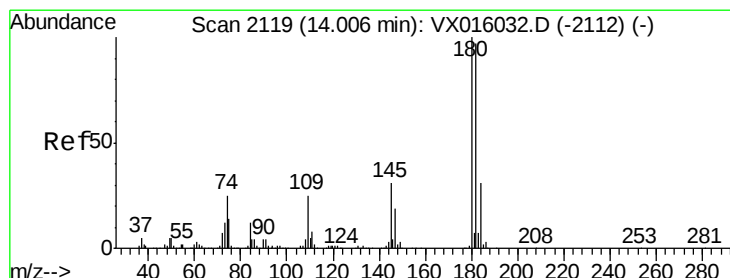
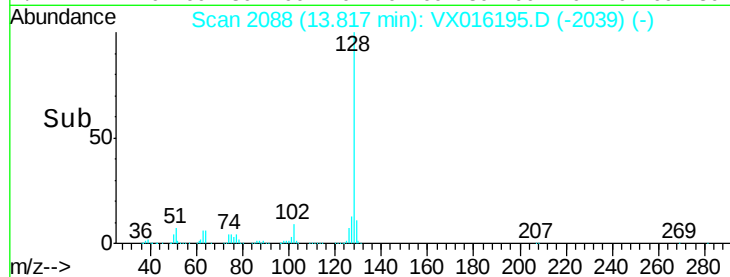
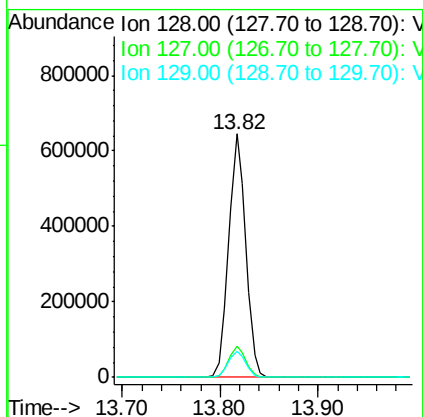
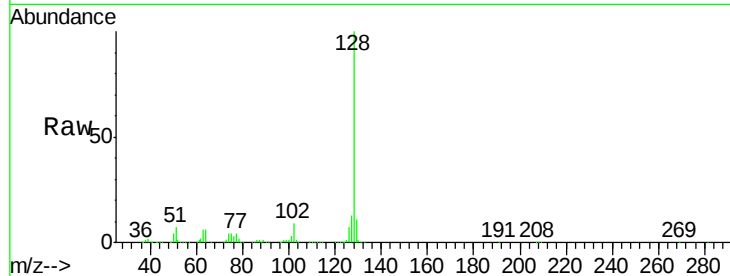
#95
Naphthalene
Concen: 46.372 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/14/2020 12:16:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.892 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016195.D
Acq: 13 May 2020 21:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	31.9	16.4	49.1

