

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016997.D
 Acq On : 26 Jun 2020 22:33
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:48 PM

Quant Time: Jun 27 02:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	58464	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.82	114	315130	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	288780	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	135321	29.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.13%
60) 4-Bromofluorobenzene	11.12	95	146804	30.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.60%
63) Toluene-d8	8.70	98	384105	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	62364	21.936 ug/l	95
3) Chloromethane	1.31	50	72740	18.867 ug/l	97
4) Vinyl Chloride	1.39	62	70424	17.912 ug/l	93
5) Bromomethane	1.64	94	46621	16.469 ug/l	99
6) Chloroethane	1.72	64	42018	16.571 ug/l	100
7) Trichlorofluoromethane	1.92	101	102496	16.030 ug/l	100
8) Diethyl Ether	2.17	74	38135	16.391 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56786	16.734 ug/l	93
10) 1,1-Dichloroethene	2.36	96	57053	17.046 ug/l	94
11) Methyl Iodide	2.49	142	63018	14.102 ug/l	99
12) Methyl Acetate	2.75	43	72051	17.067 ug/l	100
13) Acrolein	2.27	56	53163	79.804 ug/l	99
14) Acrylonitrile	3.11	53	169015	84.526 ug/l	98
15) Acetone	2.42	58	41935	81.040 ug/l	97
16) Carbon Disulfide	2.55	76	181007	17.204 ug/l	99
17) Allyl chloride	2.70	41	112355	17.933 ug/l	94
18) Methylene Chloride	2.83	84	70833	17.571 ug/l	93
19) trans-1,2-Dichloroethene	3.14	96	69070	18.214 ug/l	98
20) Diisopropyl ether	3.82	45	226889	18.120 ug/l	96
21) 1,1-Dichloroethane	3.67	63	122898	17.800 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	79640	18.863 ug/l	95
23) tert-Butyl Alcohol	3.00	59	70869	80.011 ug/l #	100
24) Methyl tert-Butyl Ether	3.16	73	207782	17.387 ug/l	98
25) Chloroform	5.17	83	127771	18.252 ug/l	99
26) Cyclohexane	5.54	56	105678	17.546 ug/l #	100
29) 1,1-Dichloropropene	5.76	75	92814	18.080 ug/l	99
30) 2-Butanone	4.63	43	227106	84.873 ug/l	99
31) 2,2-Dichloropropane	4.55	77	91054	15.466 ug/l	99
32) 1,1,1-Trichloroethane	5.45	97	111704	17.983 ug/l	98
33) Carbon Tetrachloride	5.74	117	103557	18.798 ug/l	97
34) Benzene	6.10	78	272156	18.207 ug/l	98
35) Methacrylonitrile	5.00	41	51559	17.459 ug/l	93
36) 1,2-Dichloroethane	6.15	62	103343	18.052 ug/l	99
37) Trichloroethene	7.18	130	92180	22.600 ug/l	91
38) Methylcyclohexane	7.43	83	99956	17.097 ug/l	97
39) 1,2-Dichloropropane	7.49	63	71352	18.322 ug/l	90
40) Dibromomethane	7.63	93	47053	17.531 ug/l	97

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Manual Integrations
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MMDadoda
 6/29/2020 12:32:48 PM

Quant Time: Jun 27 02:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	100426	18.069	ug/l	94
42) Vinyl Acetate	3.78	43	950192	88.118	ug/l	100
43) Ethyl Acetate	4.79	43	92422	16.675	ug/l	100
44) Isopropyl Acetate	6.40	43	151631	16.597	ug/l	100
45) 1,4-Dioxane	7.71	88	32185	349.197	ug/l	97
46) Methyl methacrylate	7.74	41	73945	17.490	ug/l	92
47) n-amyl Acetate	10.88	43	128733	15.941	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	103927	16.912	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	113935	17.642	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	68233	18.216	ug/l	99
51) Ethyl methacrylate	9.15	69	97905	17.031	ug/l	96
52) 1,3-Dichloropropane	9.35	76	116193	18.068	ug/l	98
53) Dibromochloromethane	9.56	129	78860	18.317	ug/l	98
54) 1,2-Dibromoethane	9.65	107	72781	18.311	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	287559	95.058	ug/l	99
56) Bromoform	10.84	173	51818	16.955	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	457166	85.943	ug/l	98
59) 2-Hexanone	9.47	43	332941	83.865	ug/l	99
61) Tetrachloroethene	9.32	164	70024	19.014	ug/l	97
62) Toluene	8.76	91	289797	18.348	ug/l	98
64) Chlorobenzene	10.12	112	185604	18.757	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	69869	18.756	ug/l	99
66) Ethyl Benzene	10.23	91	316248	18.055	ug/l	99
67) m/p-Xylenes	10.34	106	243209	36.808	ug/l	99
68) o-Xylene	10.68	106	116564	18.365	ug/l	98
69) Styrene	10.70	104	200092	18.412	ug/l	97
70) Isopropylbenzene	11.00	105	312270	18.139	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	93906	17.762	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	92882m	18.294	ug/l	
73) Bromobenzene	11.24	156	79016	18.187	ug/l	96
74) n-propylbenzene	11.34	91	366705	17.940	ug/l	100
75) 2-Chlorotoluene	11.40	91	218513	18.333	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	263680	18.248	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	31081	15.106	ug/l	92
78) 4-Chlorotoluene	11.49	91	260715	18.474	ug/l	98
79) tert-butylbenzene	11.76	119	248310	17.938	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	267917	18.468	ug/l	100
81) sec-Butylbenzene	11.93	105	301951	18.016	ug/l	98
82) p-Isopropyltoluene	12.05	119	274228	18.121	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	148090	19.020	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	147099	18.804	ug/l	99
85) n-Butylbenzene	12.37	91	245146	17.502	ug/l	99
86) Hexachloroethane	12.58	117	52949	17.879	ug/l	95
87) 1,2-Dichlorobenzene	12.37	146	136395	18.716	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20999	17.457	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	90467	18.400	ug/l	95
90) Hexachlorobutadiene	13.77	225	33486	17.904	ug/l	95
91) Naphthalene	13.82	128	283357	17.583	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	90799	18.924	ug/l	98

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VSTDCCC020

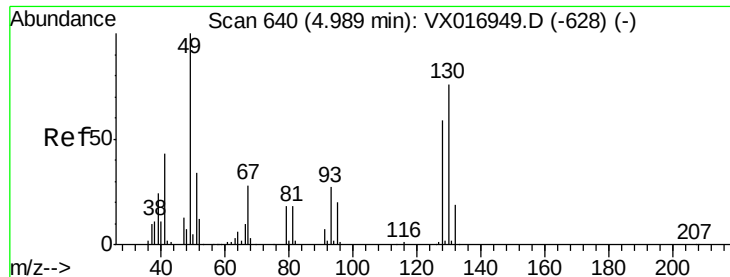
Manual Integrations
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6/29/2020 12:32:48 PM

Quant Time: Jun 27 02:49:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
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QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

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



#1

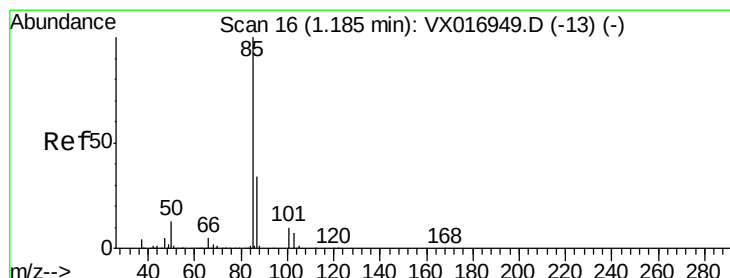
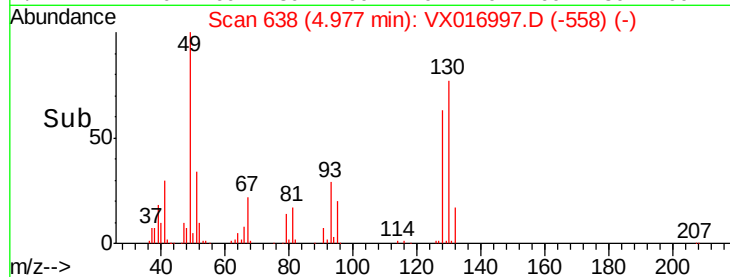
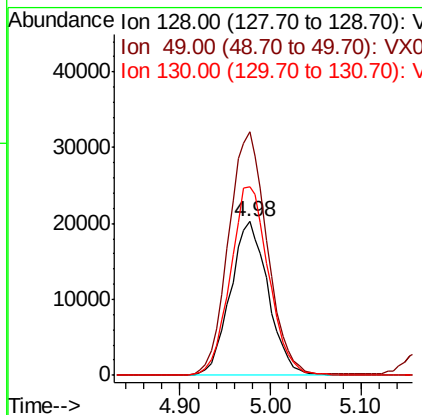
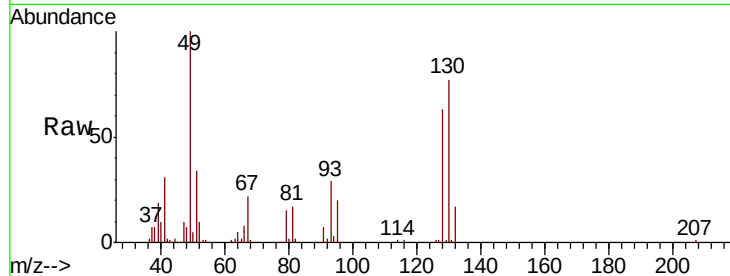
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	161.1	0.0	428.0
130	124.9	0.0	318.0

Manual Integrations
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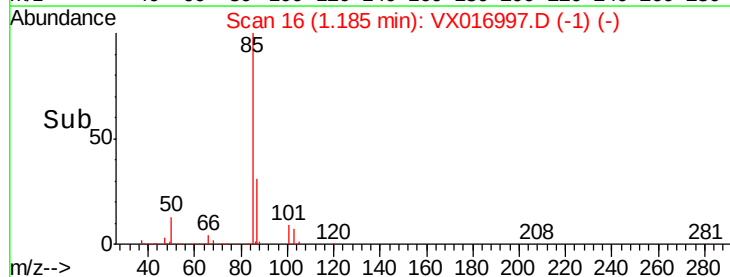
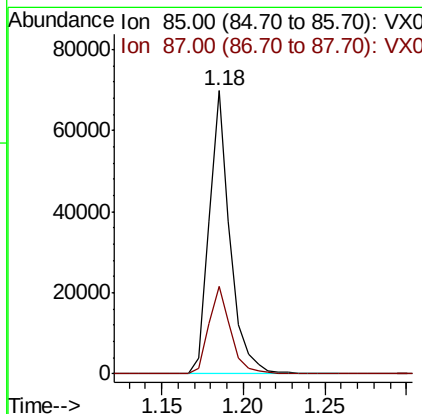
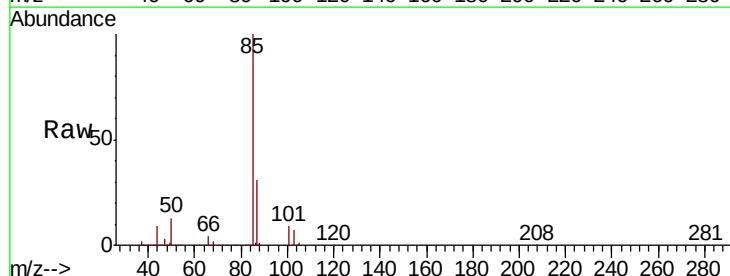
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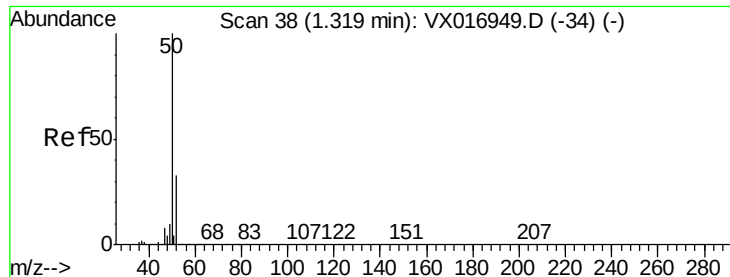


#2

Dichlorodifluoromethane
Concen: 21.936 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.9	50.7





#3

Chloromethane

Concen: 18.867 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 72740

Ion Ratio Lower Upper

50 100

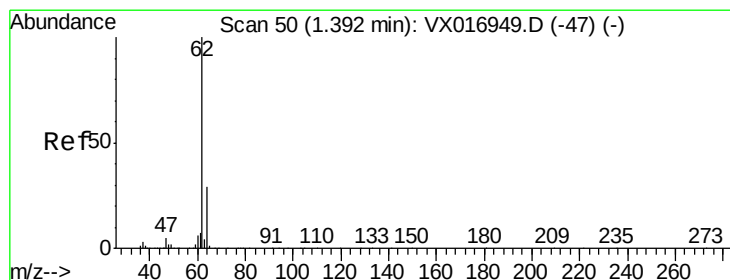
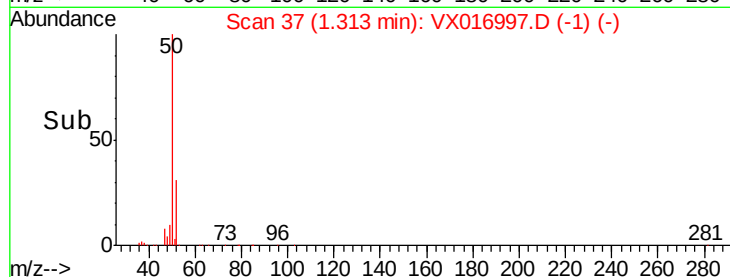
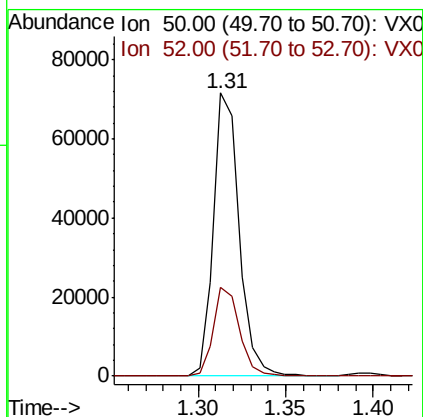
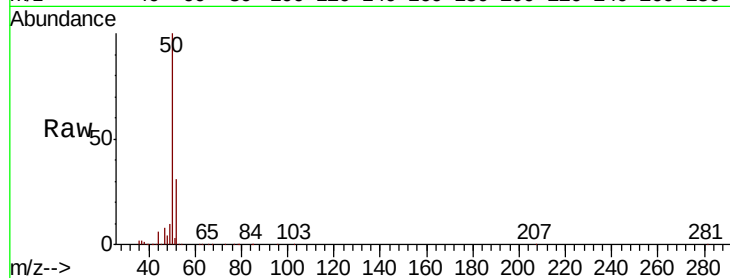
52 31.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.912 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016997.D

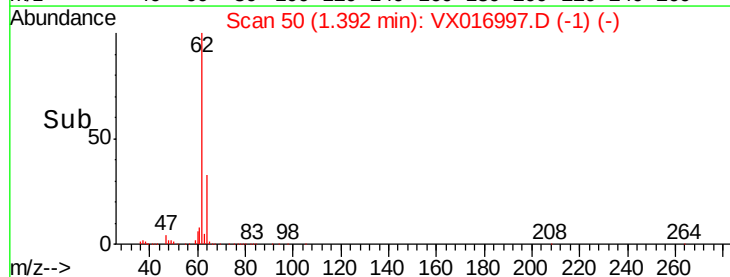
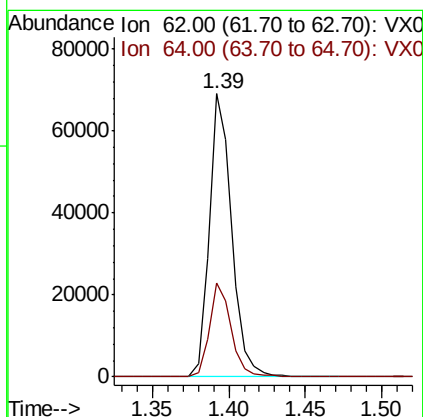
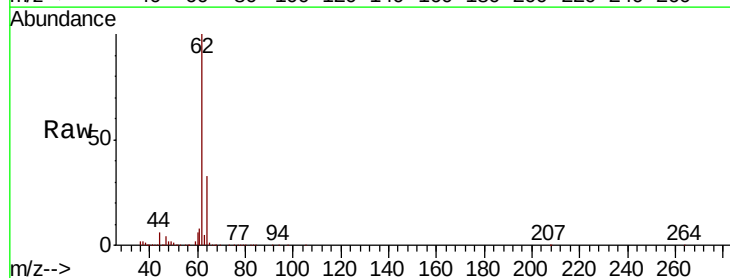
Acq: 26 Jun 2020 22:33

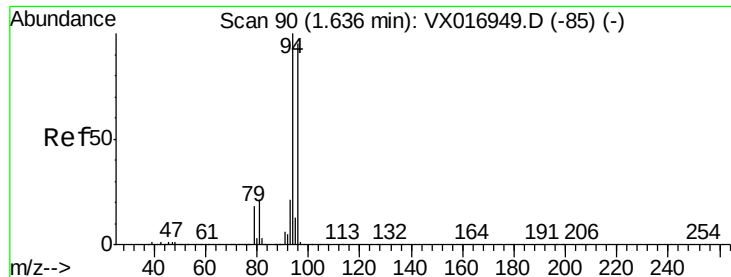
Tgt Ion: 62 Resp: 70424

Ion Ratio Lower Upper

62 100

64 33.0 23.4 35.0





#5

Bromomethane

Concen: 16.469 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 46621

Ion Ratio Lower Upper

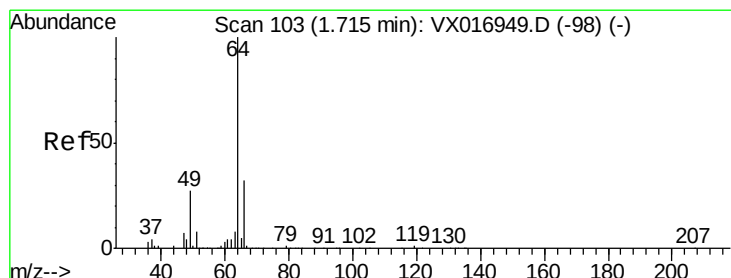
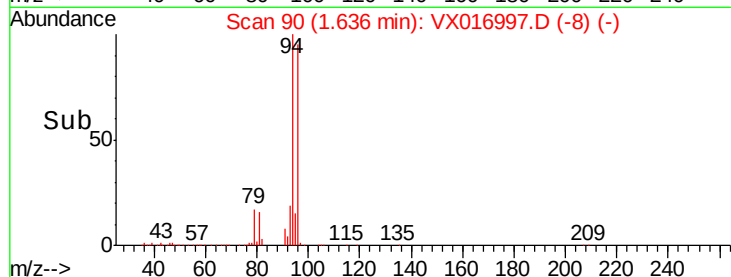
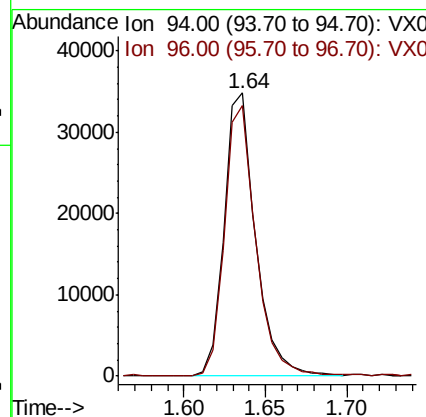
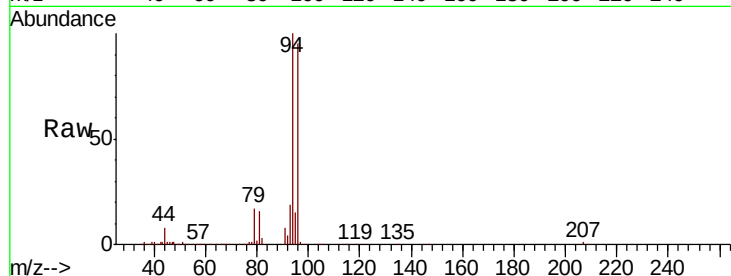
94 100

96 95.3 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 16.571 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016997.D

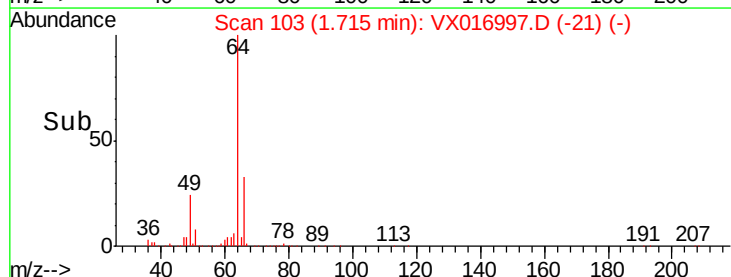
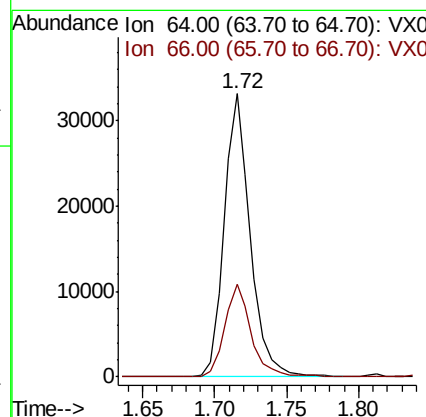
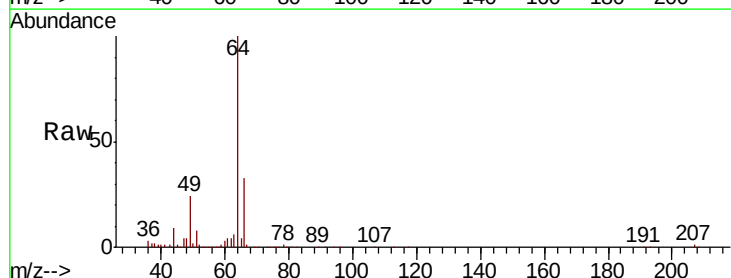
Acq: 26 Jun 2020 22:33

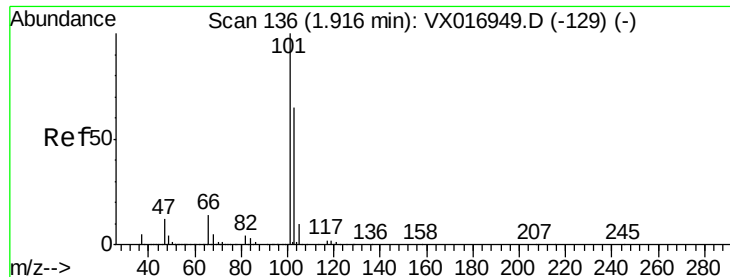
Tgt Ion: 64 Resp: 42018

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1





#7

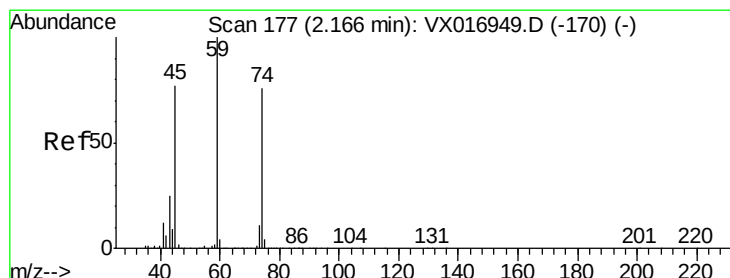
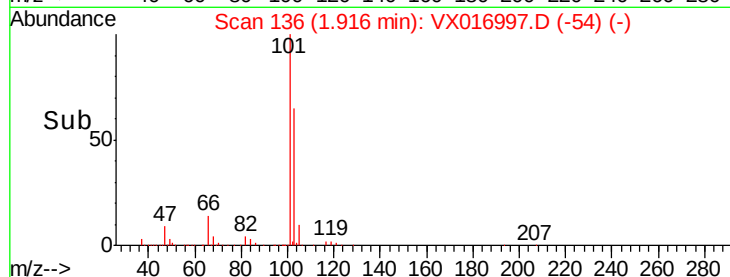
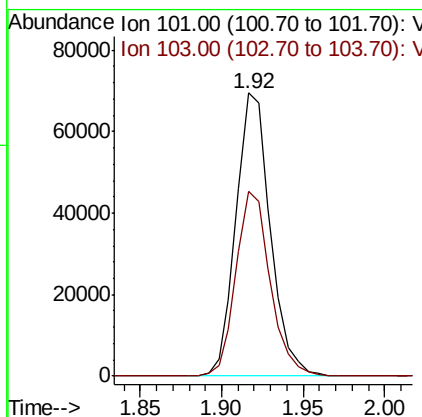
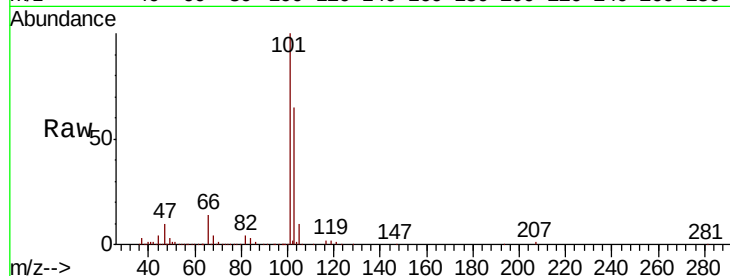
Trichlorofluoromethane
Concen: 16.030 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

Manual Integrations
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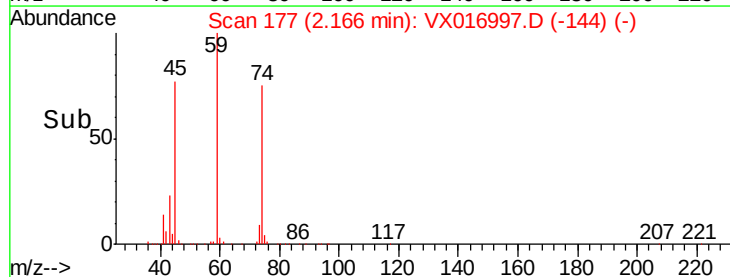
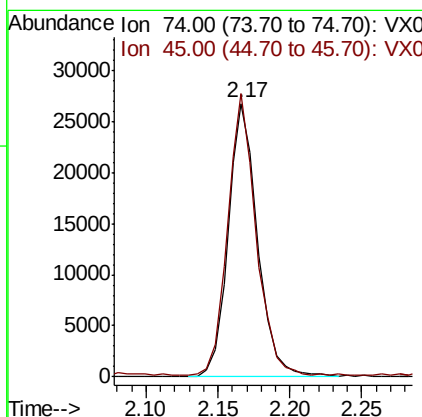
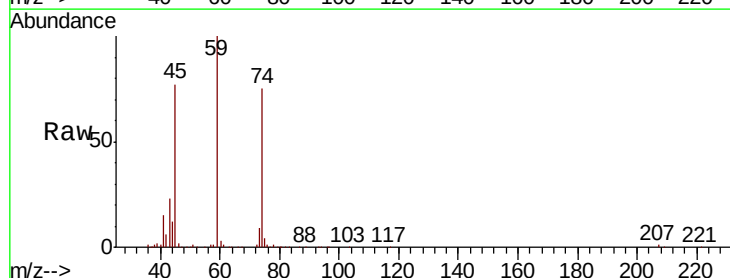
MMDadoda
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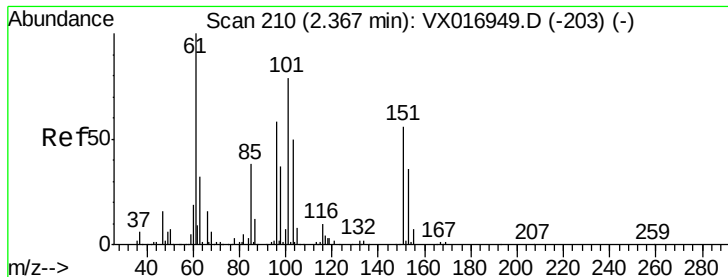


#8

Diethyl Ether
Concen: 16.391 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.734 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

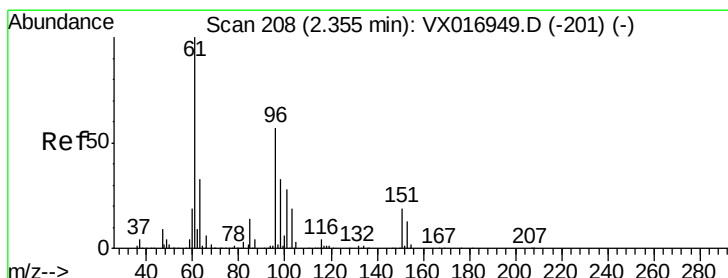
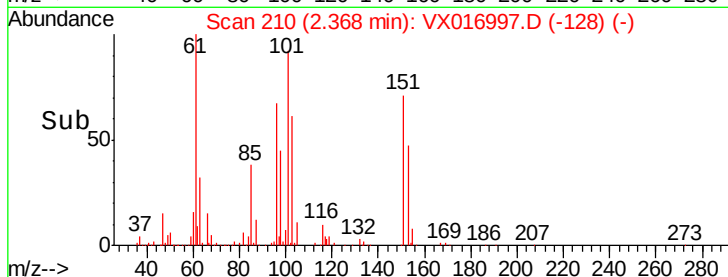
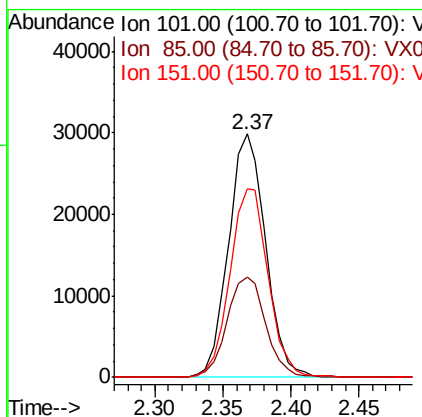
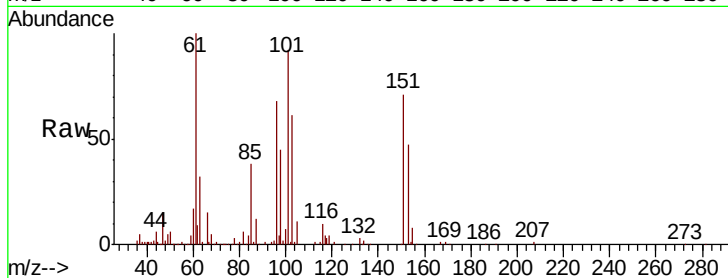
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	56786
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	94.6
151	79.6	0.0	145.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.046 ug/l

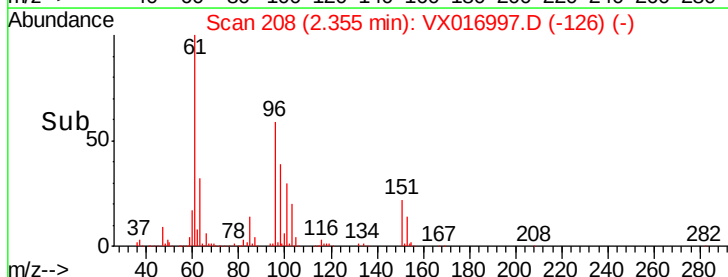
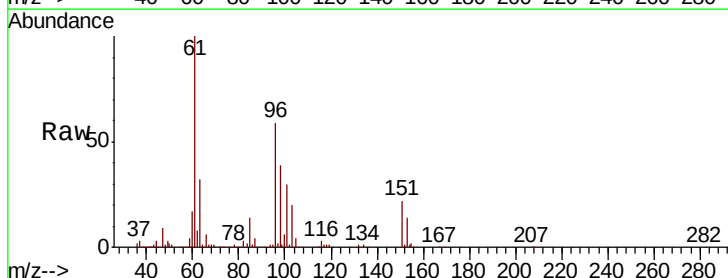
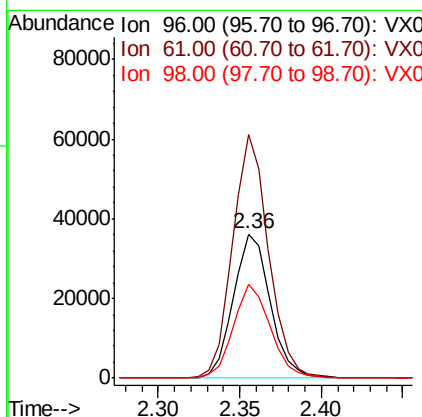
RT: 2.36 min Scan# 208

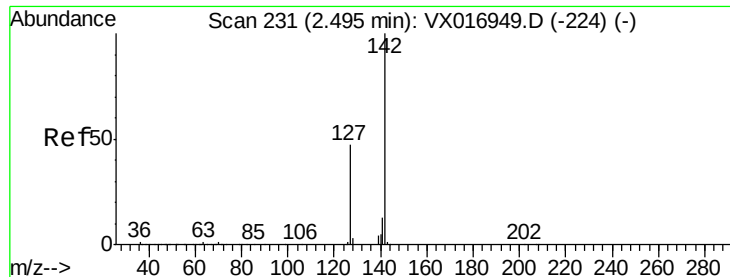
Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	96	Resp:	57053
Ion Ratio	Lower	Upper	
96	100		
61	169.0	141.3	211.9
98	65.2	47.0	70.4





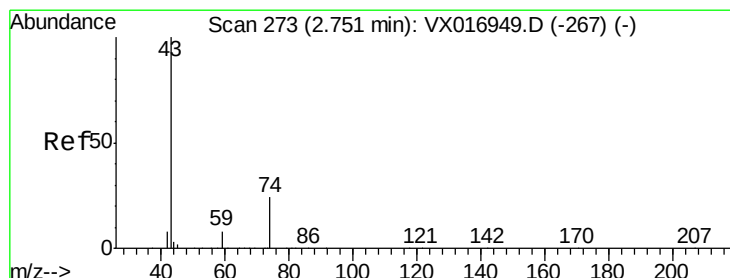
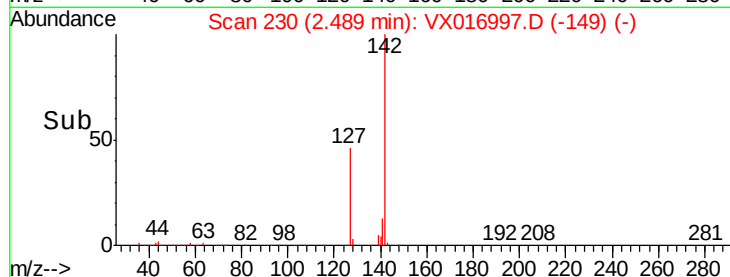
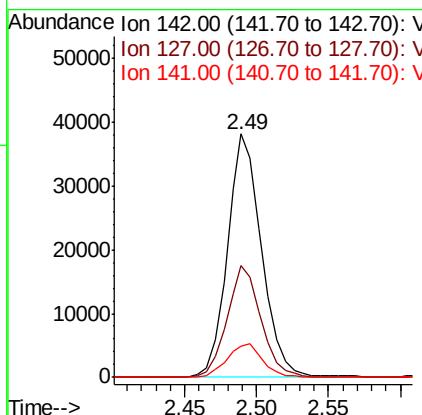
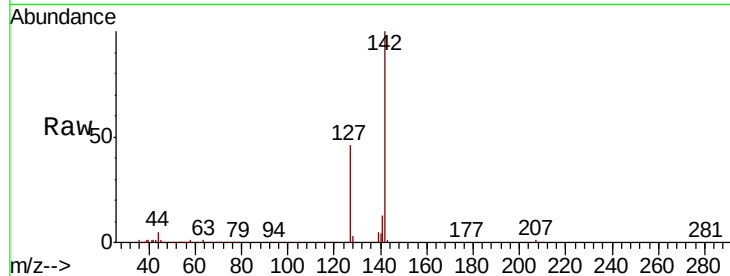
#11
Methvl Iodide
Concen: 14.102 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.9	23.3	69.9
141	12.7	6.7	20.1

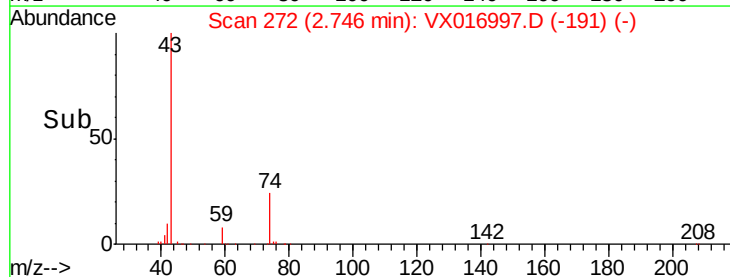
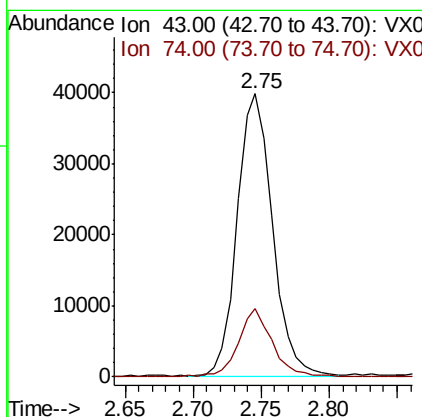
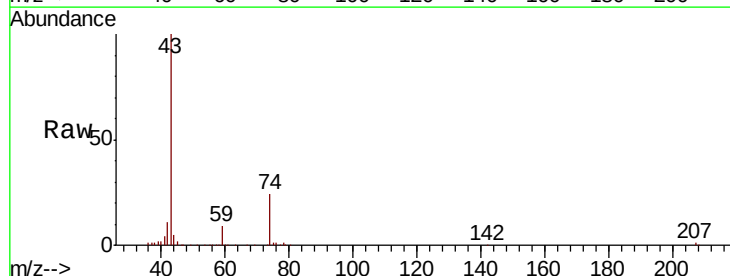
Manual Integrations
APPROVED

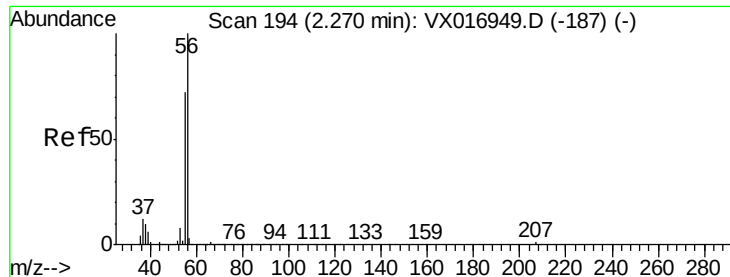
MMDadoda
6/29/2020 12:32:48 PM



#12
Methyl Acetate
Concen: 17.067 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.1	28.7





#13

Acrolein

Concen: 79.804 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 53163

Ion Ratio Lower Upper

56 100

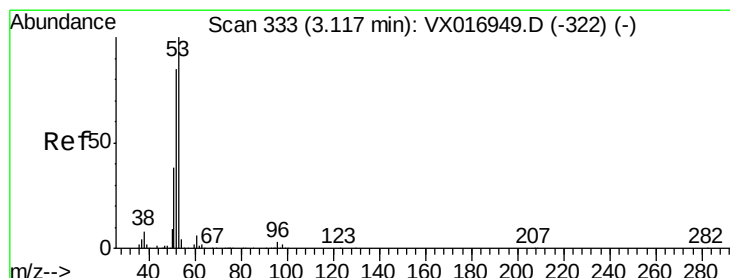
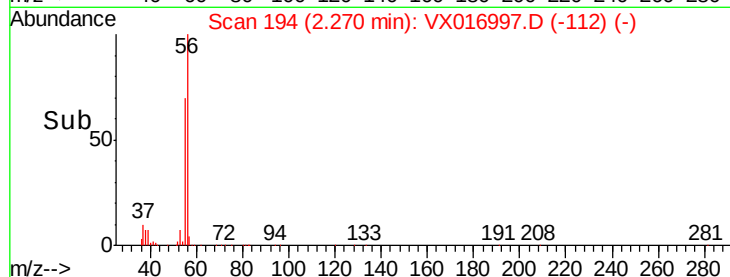
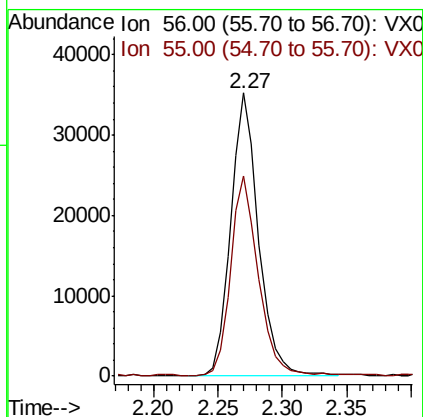
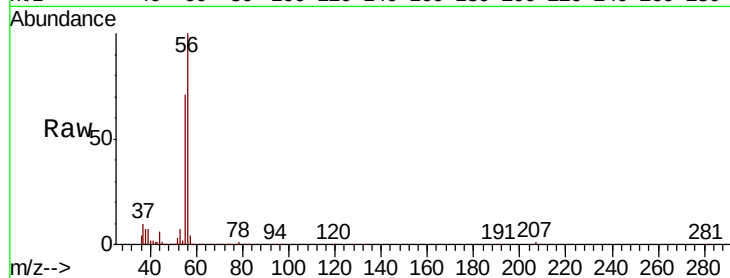
55 69.3 56.2 84.4

Manual Integrations

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#14

Acrylonitrile

Concen: 84.526 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

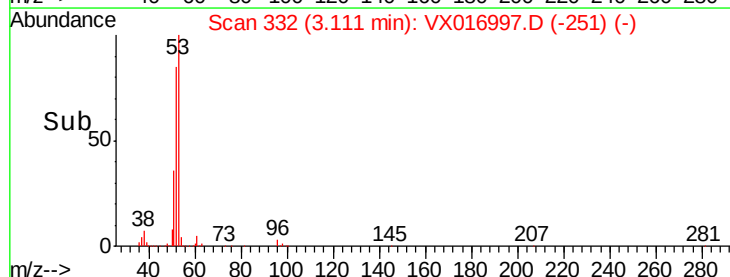
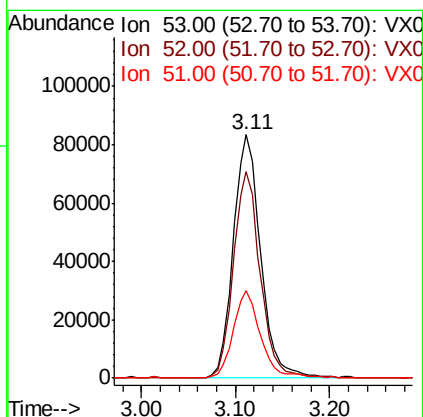
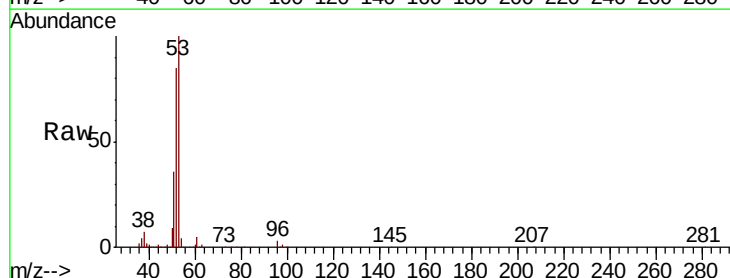
Tgt Ion: 53 Resp: 169015

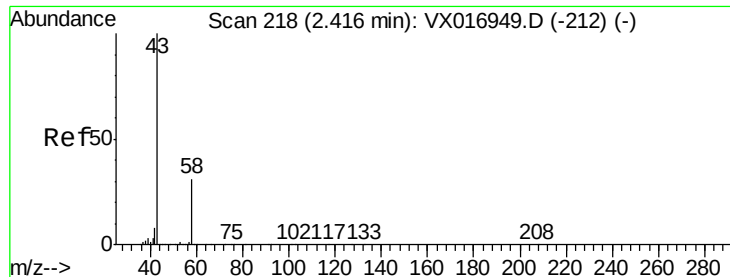
Ion Ratio Lower Upper

53 100

52 82.5 40.6 121.8

51 34.4 18.4 55.4





#15

Acetone

Concen: 81.040 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 41935

Ion Ratio Lower Upper

58 100

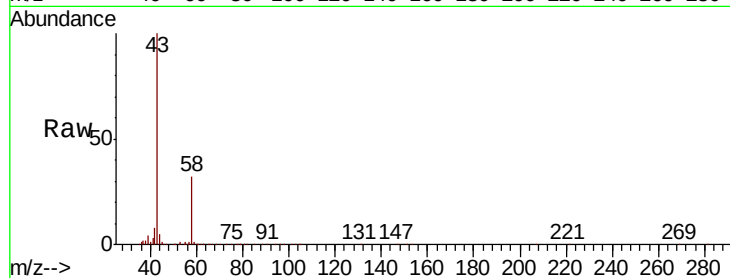
43 316.0 257.6 386.4

Manual Integrations

APPROVED

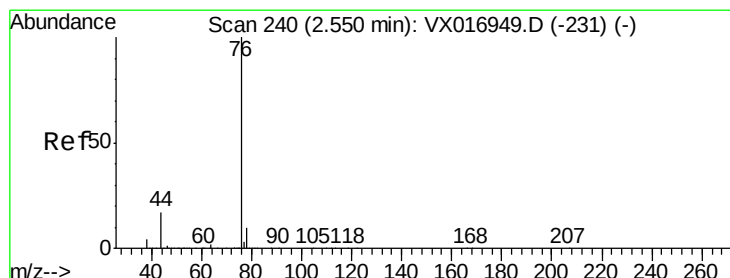
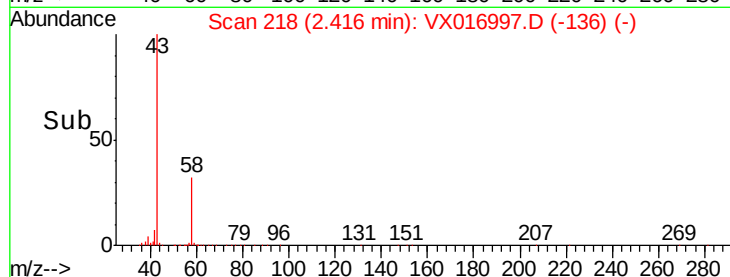
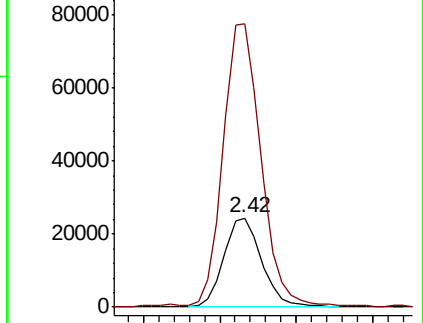
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.204 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016997.D

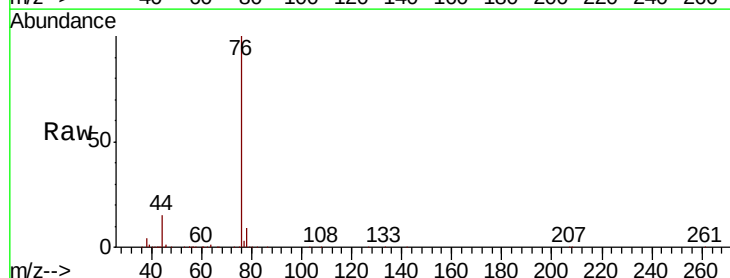
Acq: 26 Jun 2020 22:33

Tgt Ion: 76 Resp: 181007

Ion Ratio Lower Upper

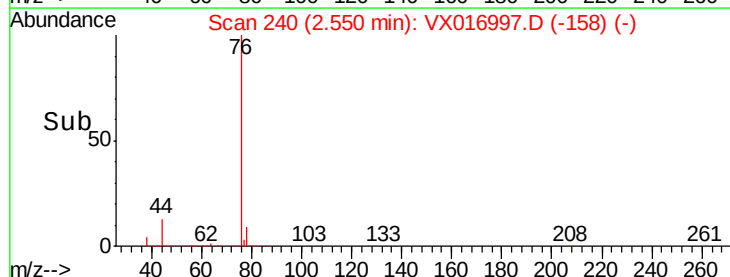
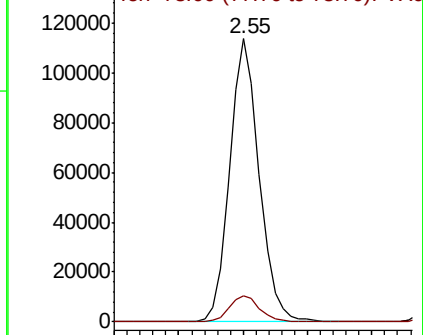
76 100

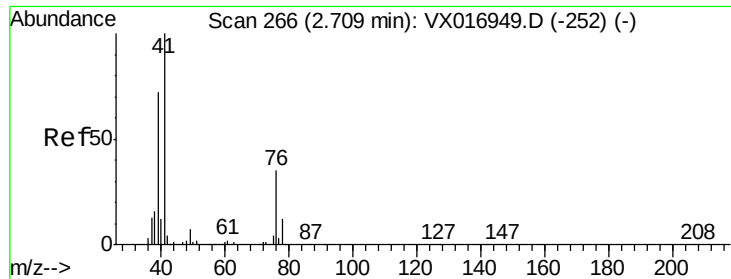
78 9.0 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 17.933 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

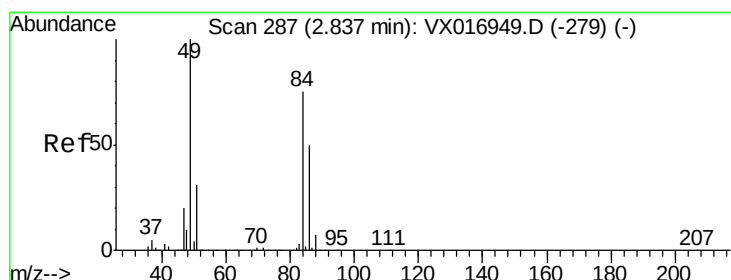
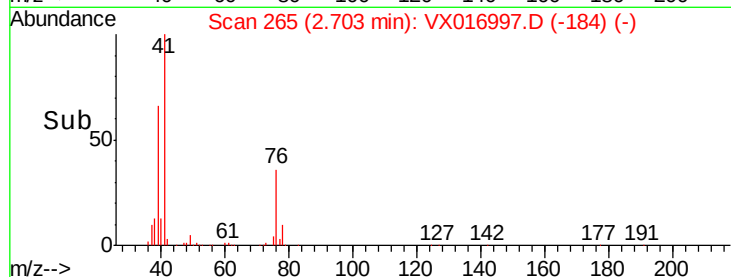
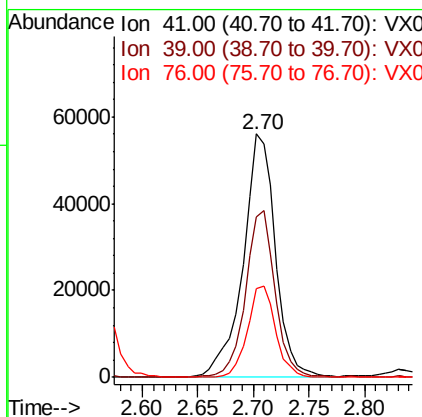
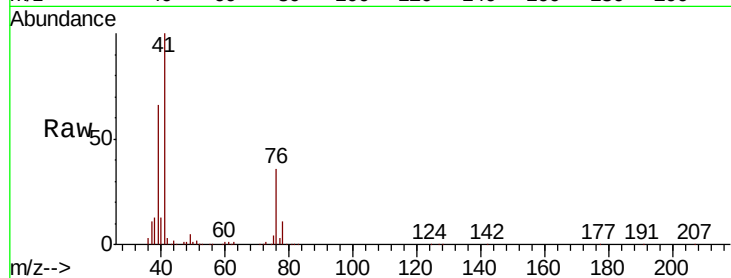
ClientSampleId :

VSTDCCC020

Tot Ion:	41	Resp:	112355
Ion	Ratio	Lower	Upper
41	100		
39	65.6	35.9	107.8
76	36.2	17.6	52.8

Manual Integrations
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#18

Methylene Chloride

Concen: 17.571 ug/l

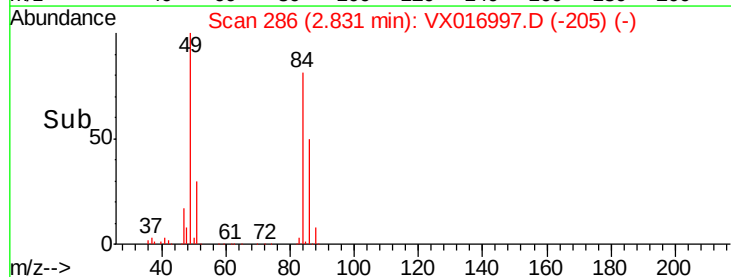
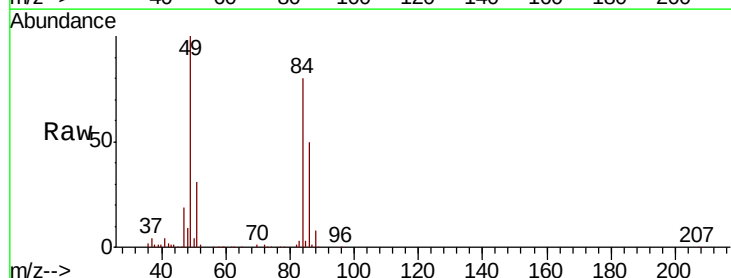
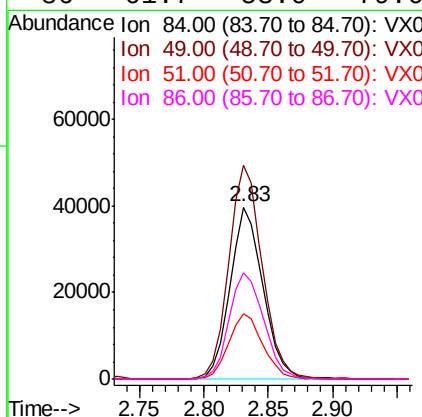
RT: 2.83 min Scan# 286

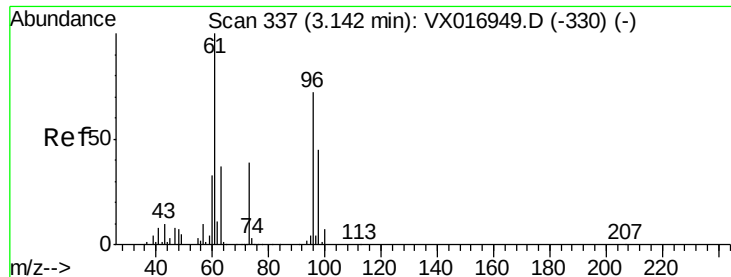
Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	84	Resp:	70833
Ion	Ratio	Lower	Upper
84	100		
49	124.0	106.6	159.8
51	37.8	32.7	49.1
86	61.7	53.0	79.6





#19

trans-1,2-Dichloroethene

Concen: 18.214 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 96 Resp: 69070

Ion Ratio Lower Upper

96 100

61 135.3 110.6 165.8

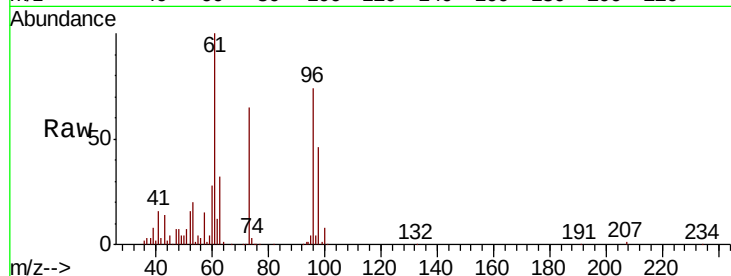
98 62.7 49.8 74.6

Manual Integrations

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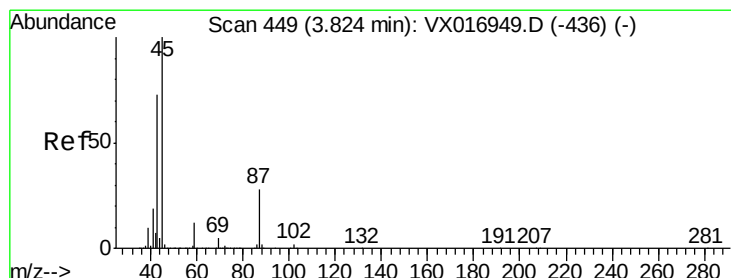
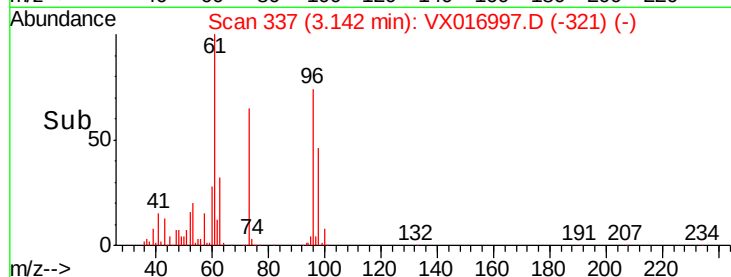
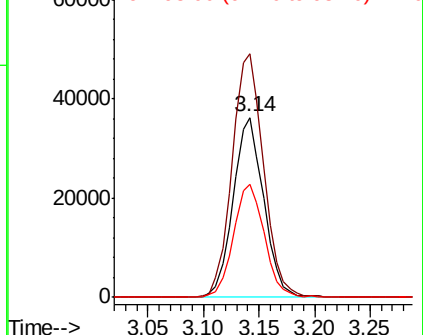


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.120 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion: 45 Resp: 226889

Ion Ratio Lower Upper

45 100

43 75.6 63.9 95.9

87 26.9 22.2 33.4

59 12.0 9.8 14.6

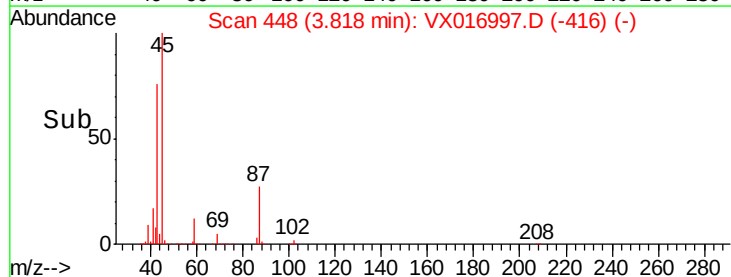
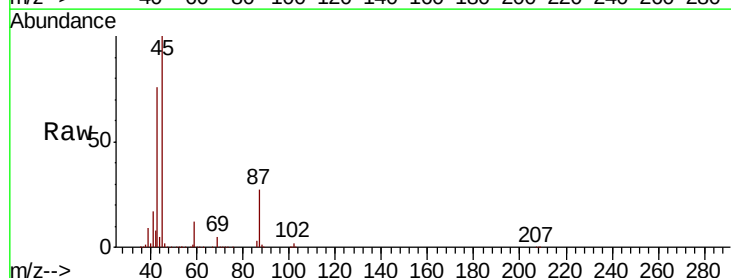
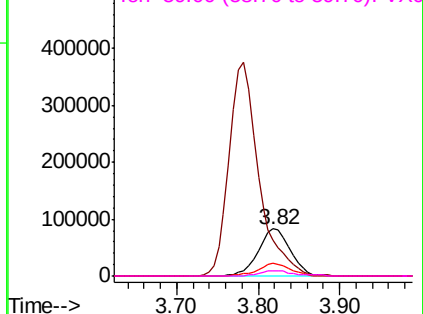
Abundance

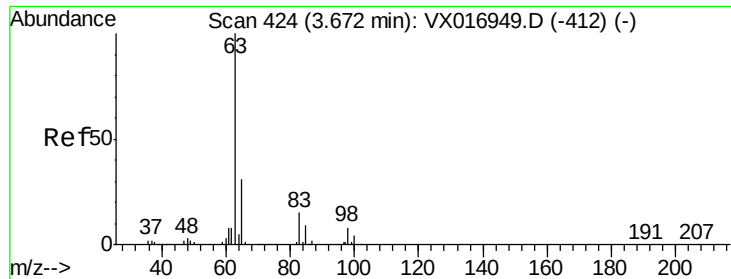
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





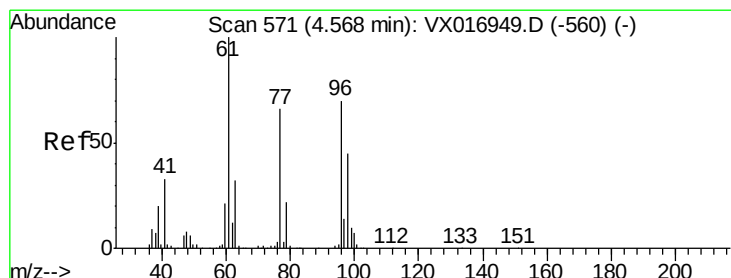
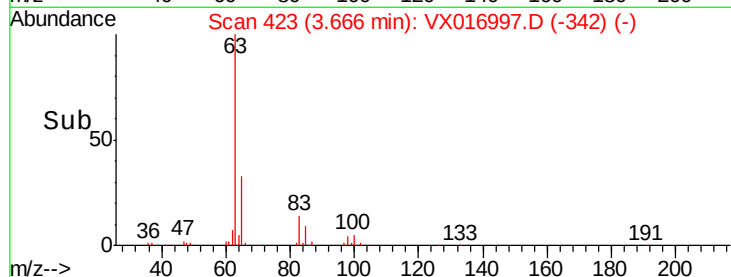
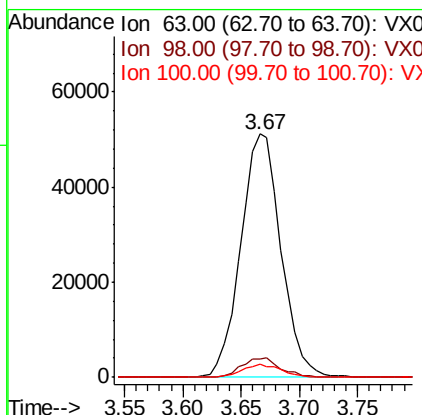
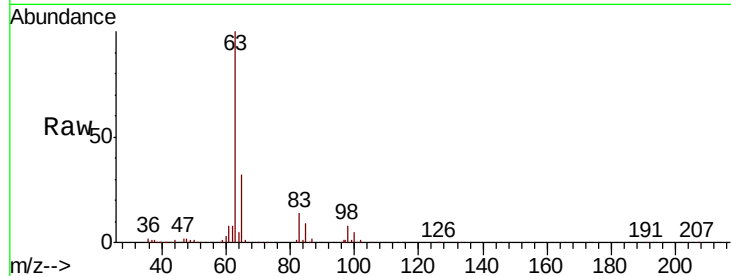
#21
 1,1-Dichloroethane
 Concen: 17.800 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	122898		
98	7.5	3.8	11.4	
100	5.3	2.2	6.6	

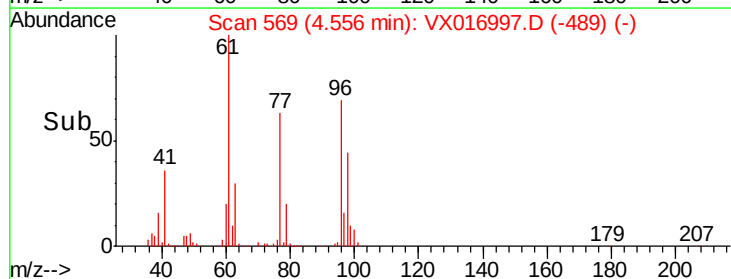
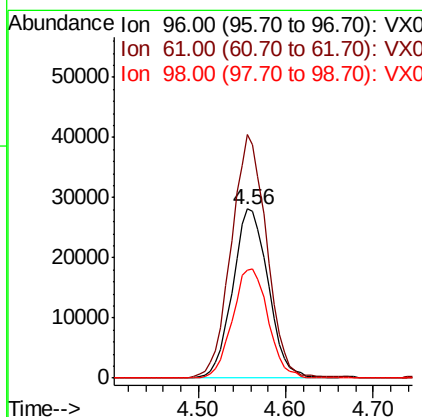
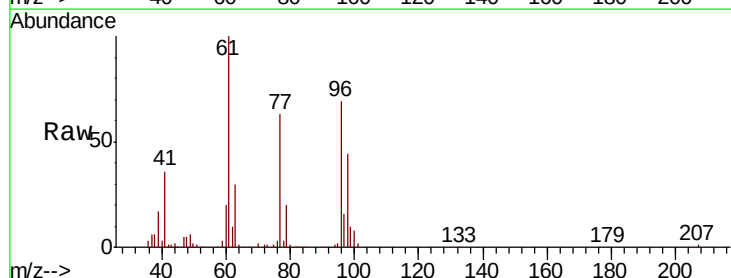
Manual Integrations
 APPROVED

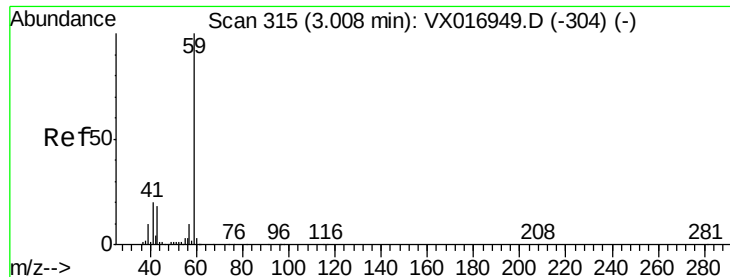
MMDadoda
 6/29/2020 12:32:48 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.863 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	79640		
61	142.8	120.8	181.2	
98	64.6	51.7	77.5	





#23

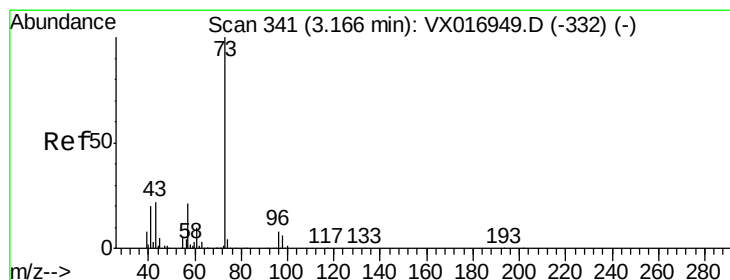
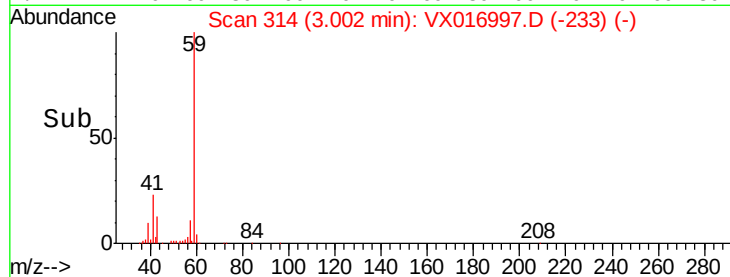
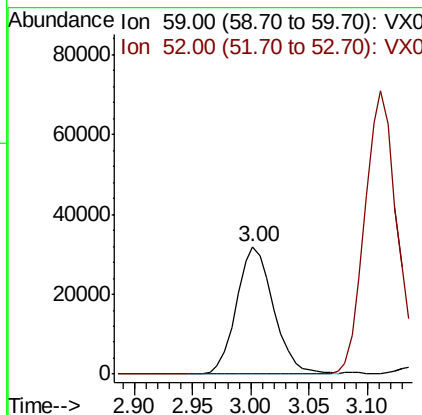
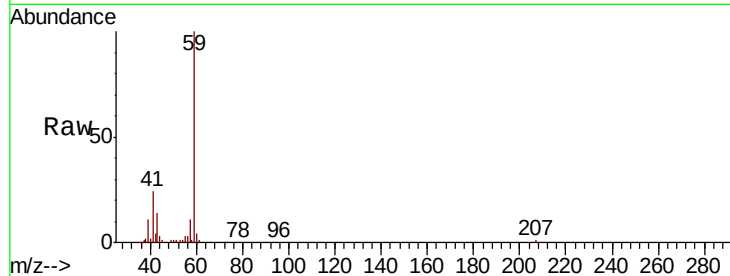
tert-Butyl Alcohol
Concen: 80.011 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1#

Manual Integrations
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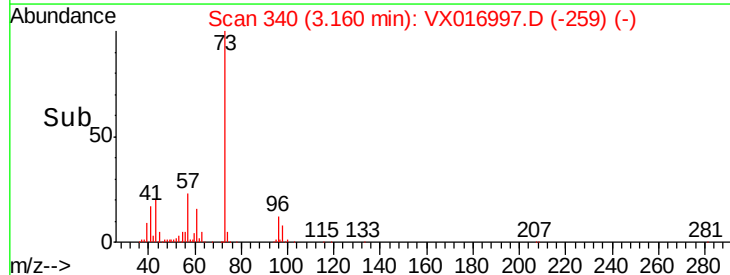
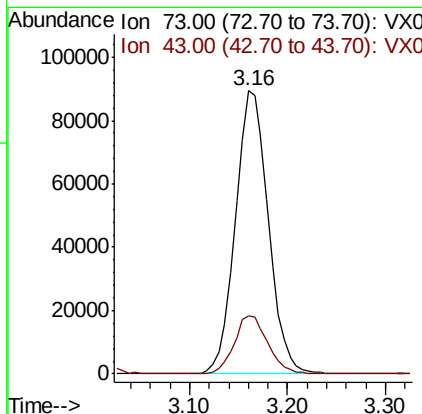
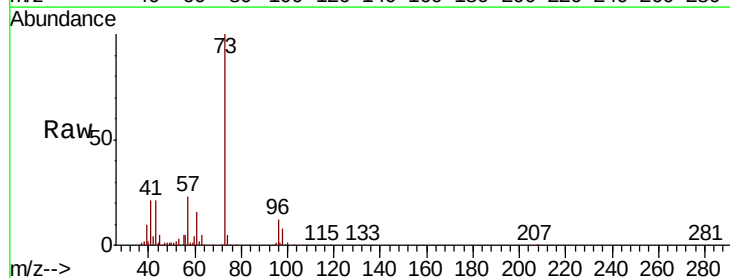
MMDadoda
6/29/2020 12:32:48 PM

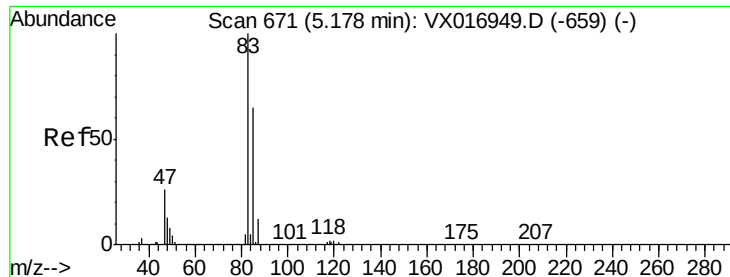


#24

Methyl tert-Butyl Ether
Concen: 17.387 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.8	17.2	25.8





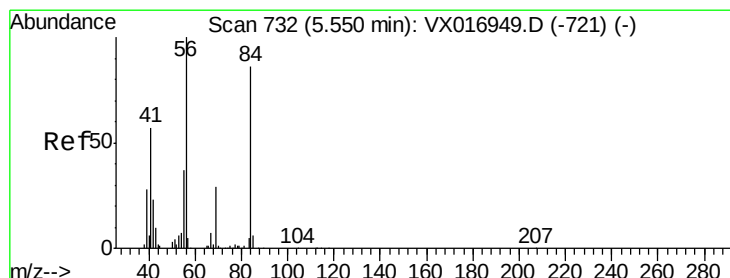
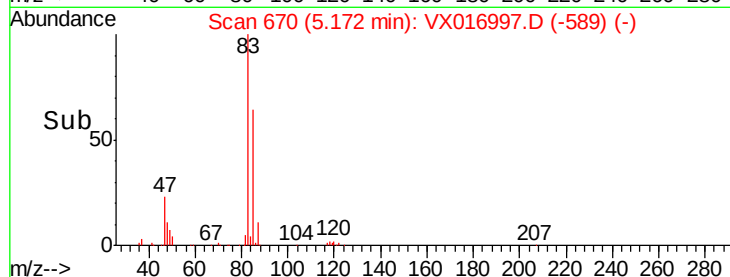
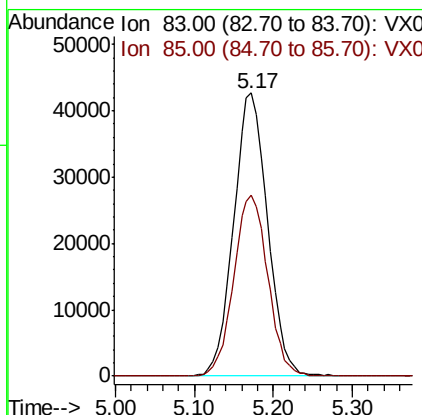
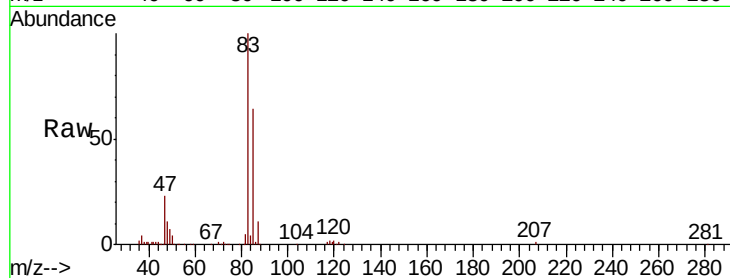
#25
Chloroform
Concen: 18.252 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	127771
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.1	78.1

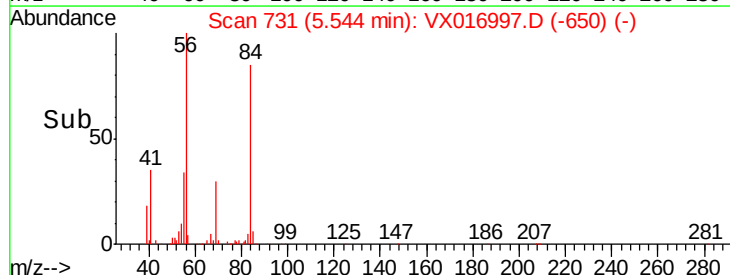
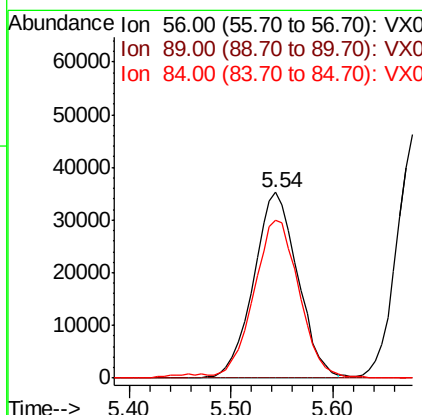
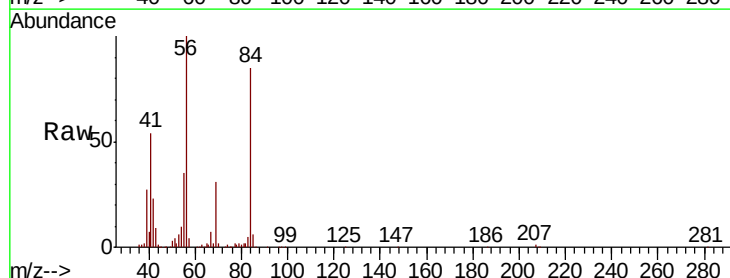
Manual Integrations
APPROVED

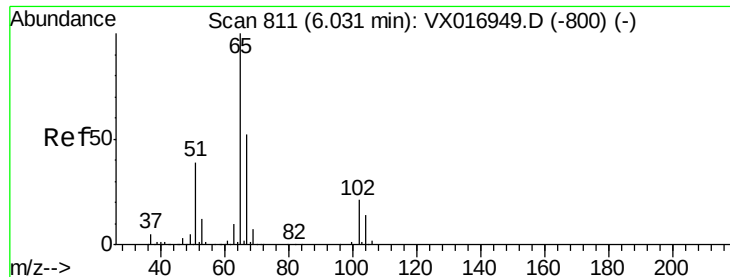
MMDadoda
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#26
Cyclohexane
Concen: 17.546 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	56	Resp	105678
Ion Ratio	Lower	Upper	
56	100		
89	0.0	0.0	0.0
84	86.0	69.0	103.6





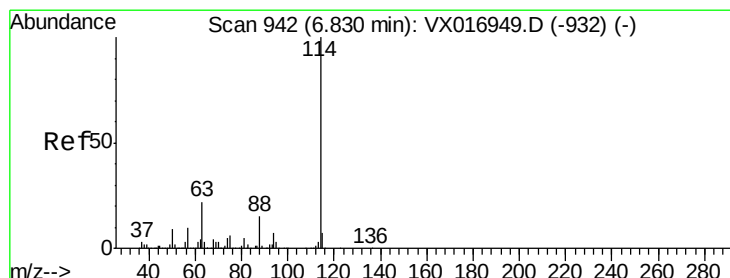
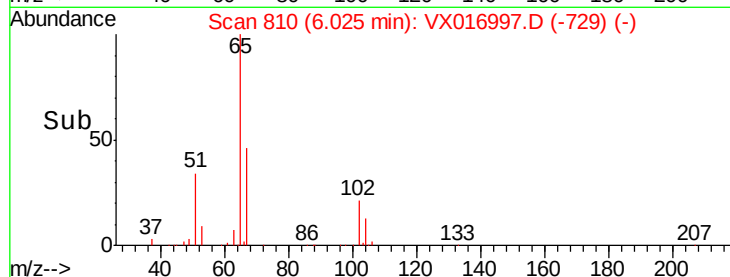
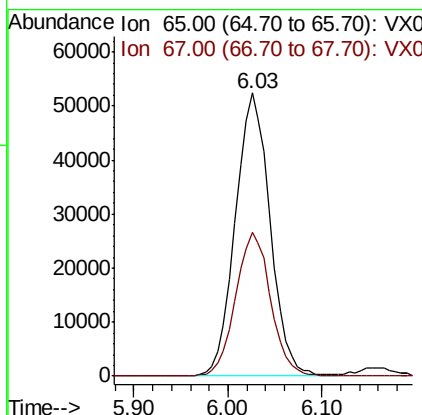
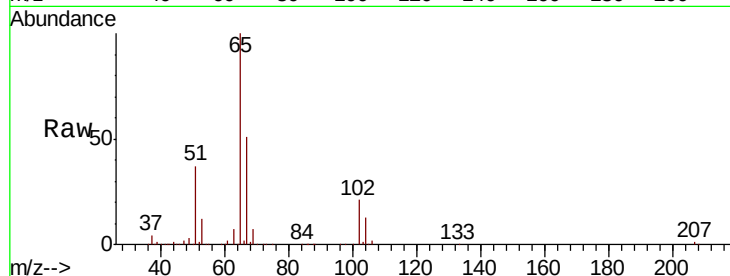
#27
 1,2-Dichloroethane-d4
 Concen: 29.738 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	41.5	62.3

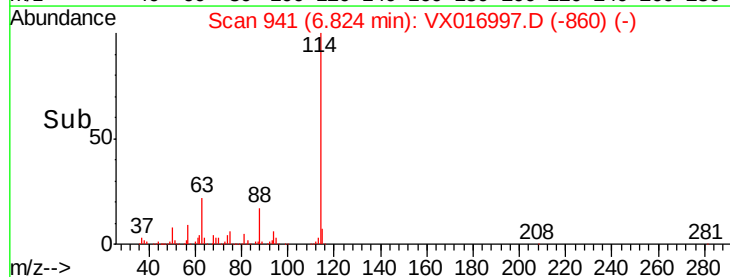
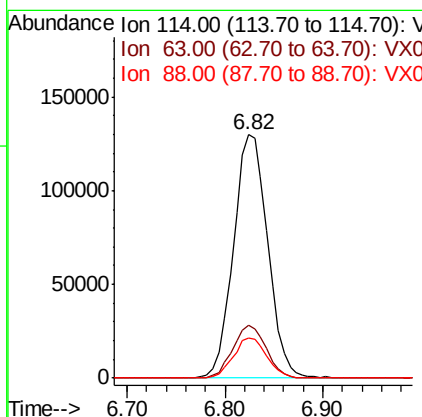
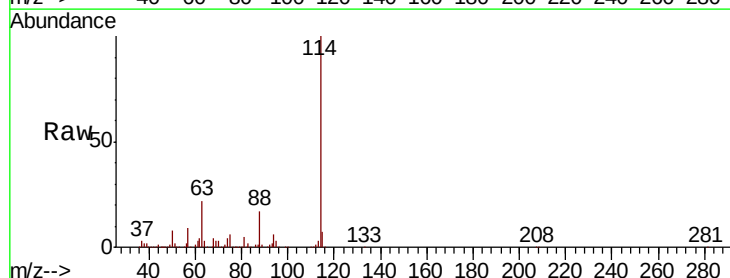
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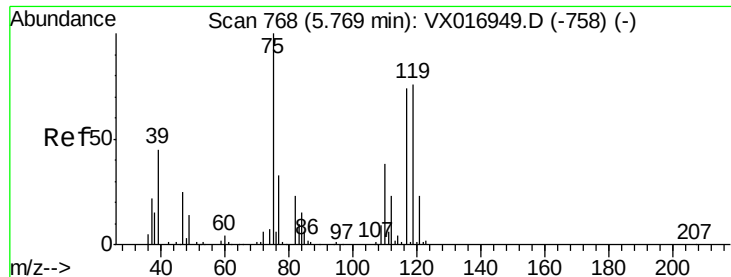
MMDadoda
 6/29/2020 12:32:48 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.4	26.2
88	16.3	13.0	19.6





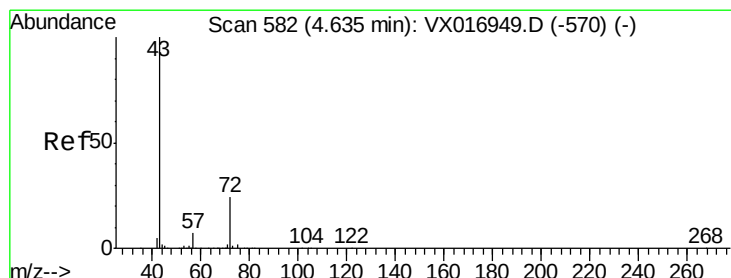
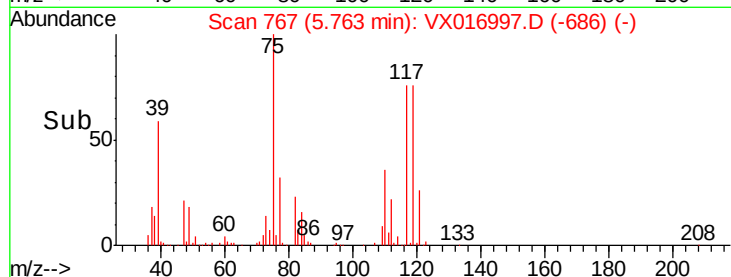
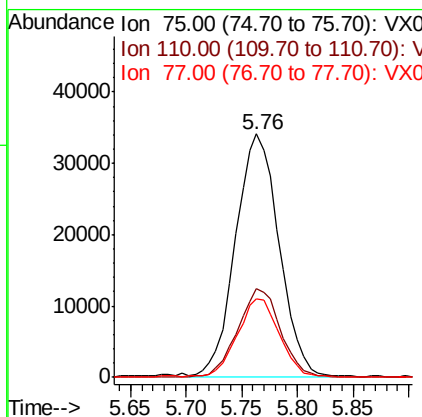
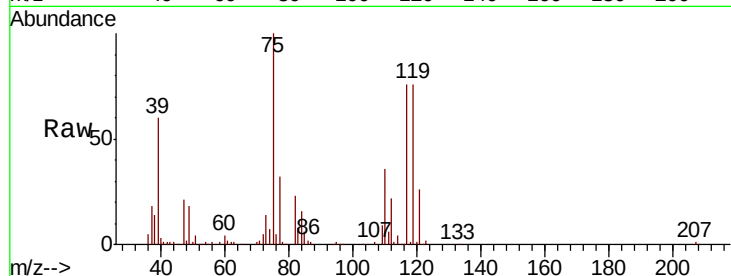
#29
 1,1-Dichloropropene
 Concen: 18.080 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	71.6
77	31.4	0.0	64.0

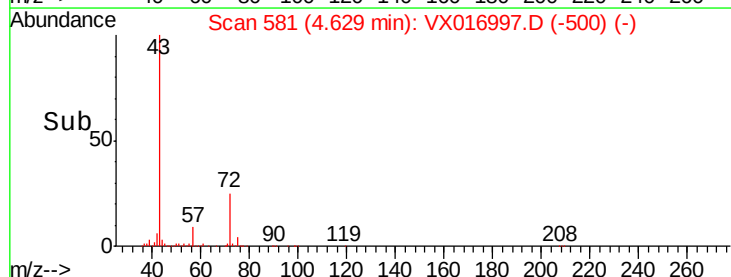
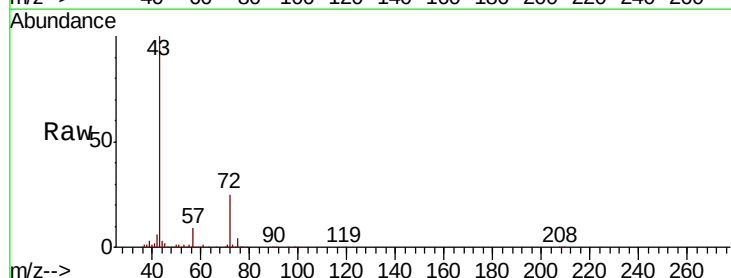
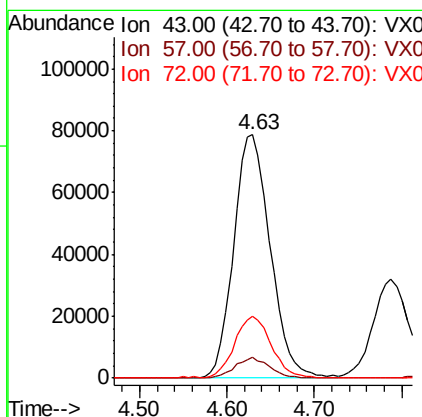
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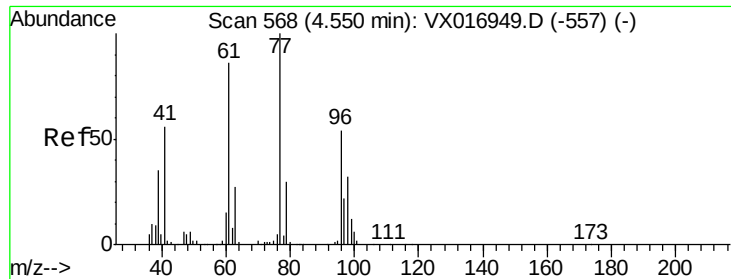
MMDadoda
 6/29/2020 12:32:48 PM



#30
 2-Butanone
 Concen: 84.873 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.4
72	25.5	20.6	31.0





#31

2,2-Dichloropropane

Concen: 15.466 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 91054

Ion Ratio Lower Upper

77 100

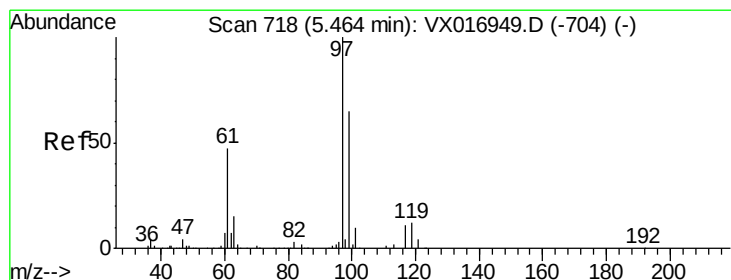
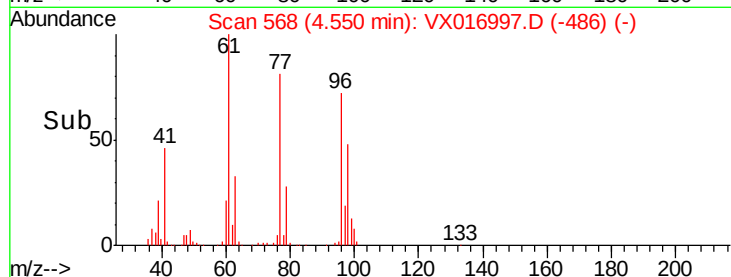
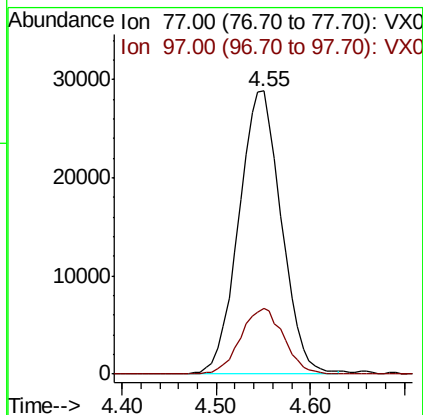
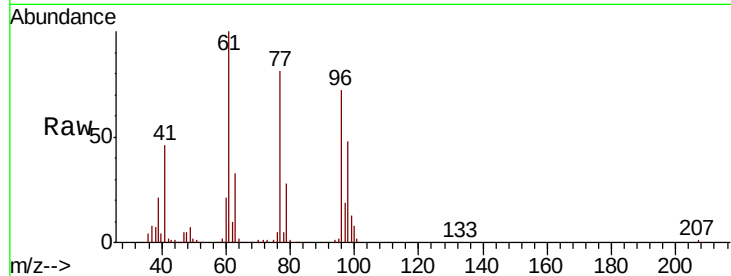
97 23.6 18.5 27.7

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#32

1,1,1-Trichloroethane

Concen: 17.983 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

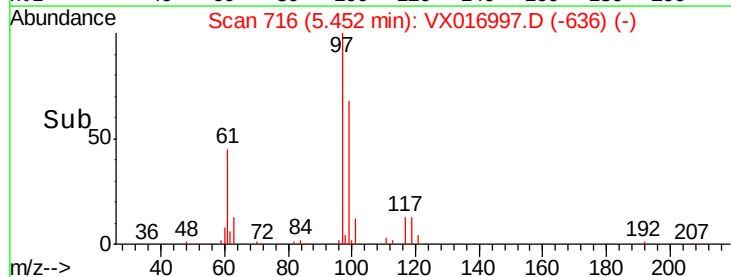
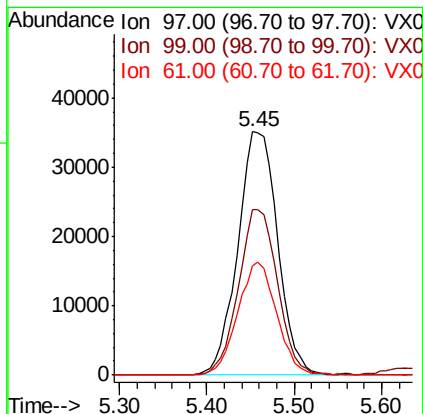
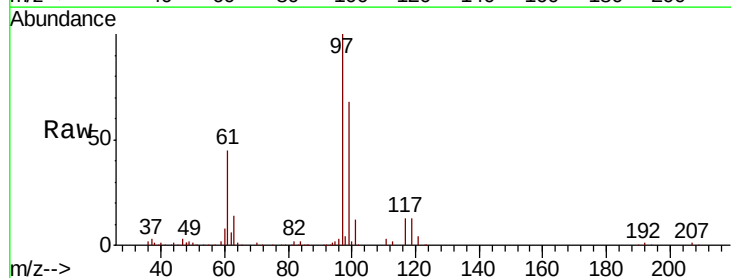
Tgt Ion: 97 Resp: 111704

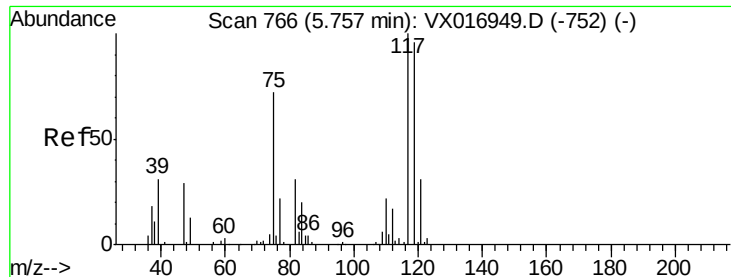
Ion Ratio Lower Upper

97 100

99 66.6 52.2 78.2

61 45.0 36.9 55.3





#33

Carbon Tetrachloride

Concen: 18.798 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

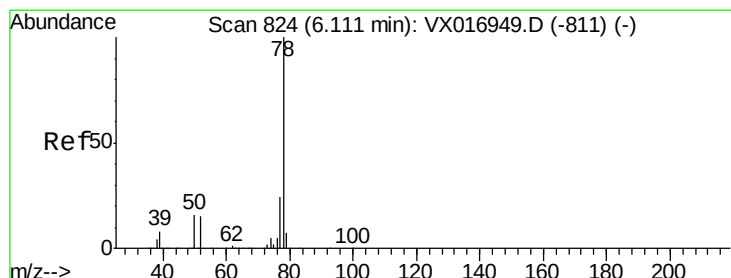
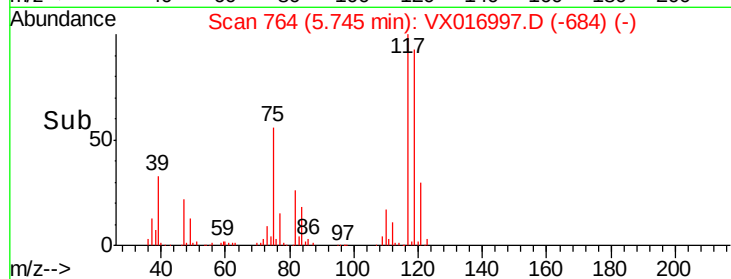
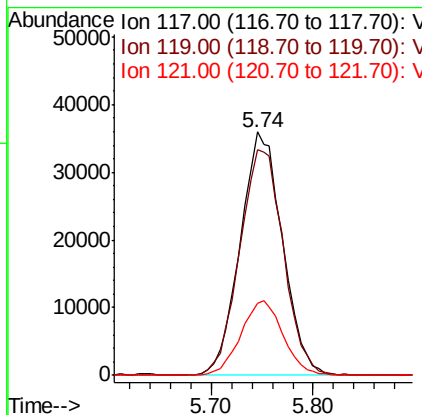
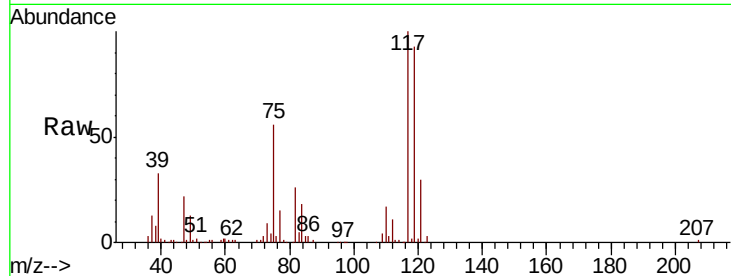
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	103557
Ion Ratio	Lower	Upper	
117	100		
119	92.4	77.0	115.4
121	29.9	25.0	37.4

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#34

Benzene

Concen: 18.207 ug/l

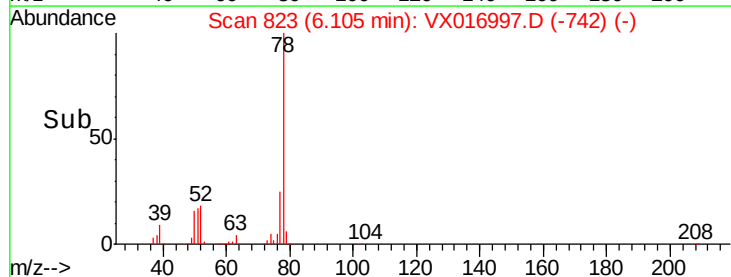
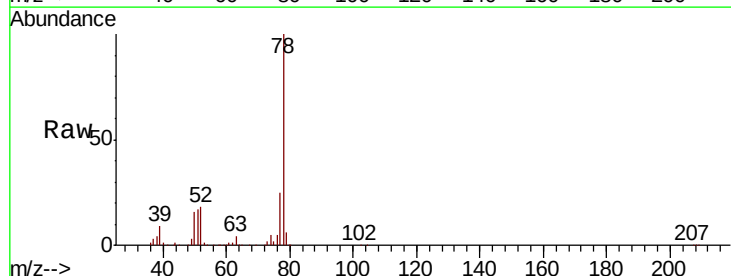
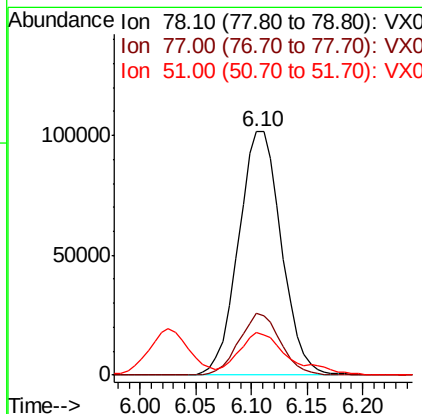
RT: 6.10 min Scan# 823

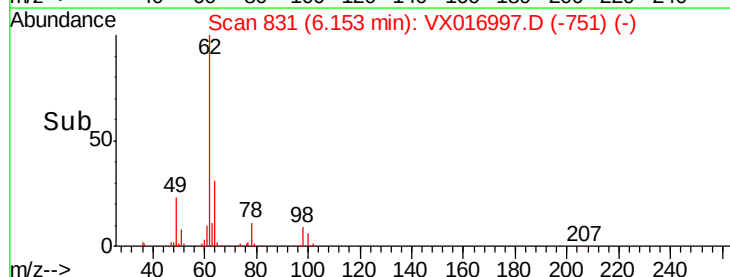
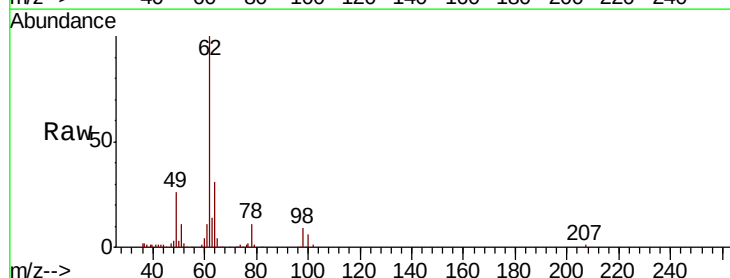
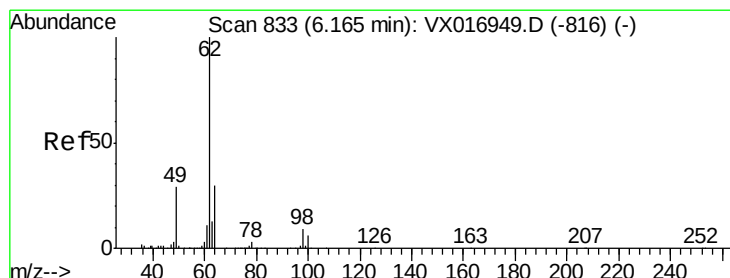
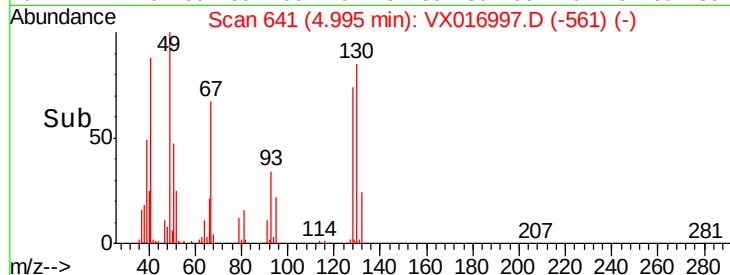
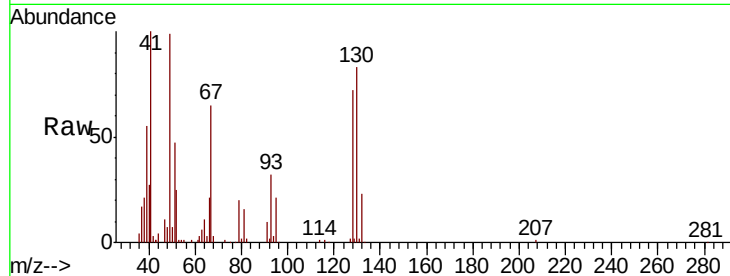
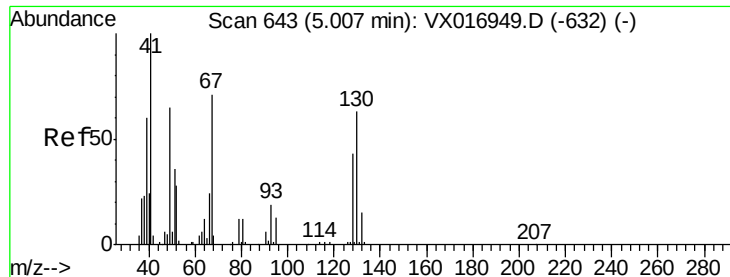
Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

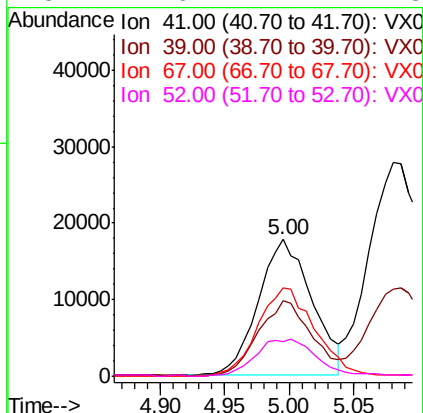
Tgt Ion:	78	Resp:	272156
Ion Ratio	Lower	Upper	
78	100		
77	25.3	19.0	28.6
51	15.9	12.8	19.2





#35
Methacrylonitrile
Concen: 17.459 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	29.8	89.5	
67	65.0	35.3	105.9	
52	24.6	14.1	42.3	



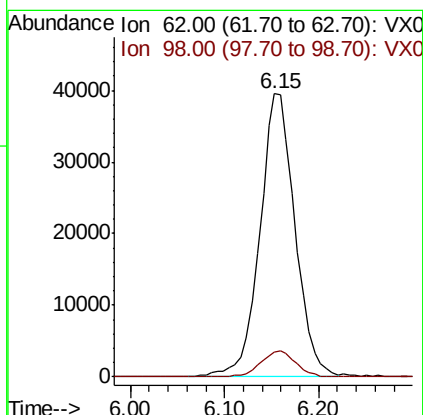
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

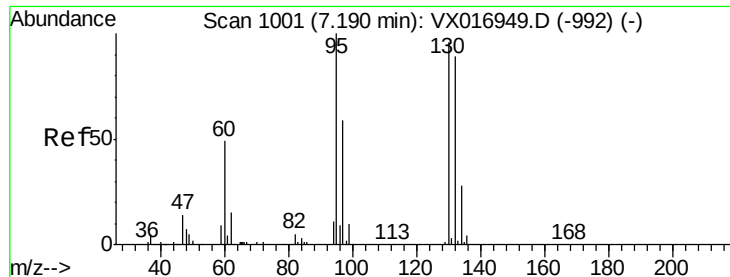
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 18.052 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	7.6	11.4	





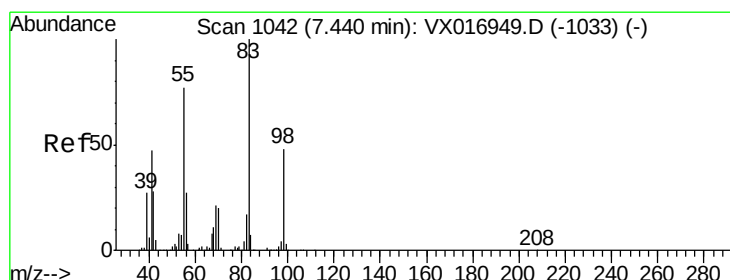
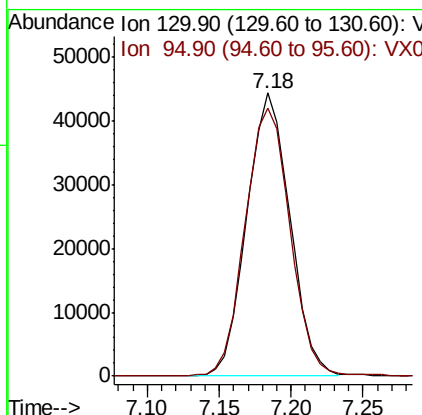
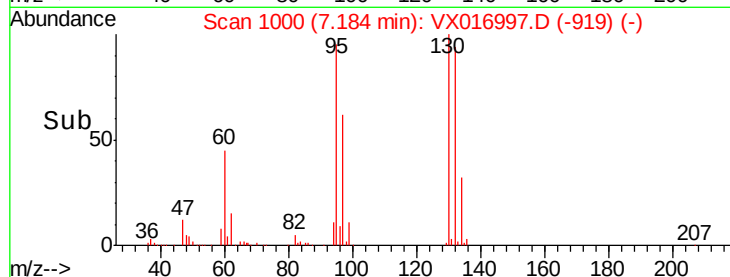
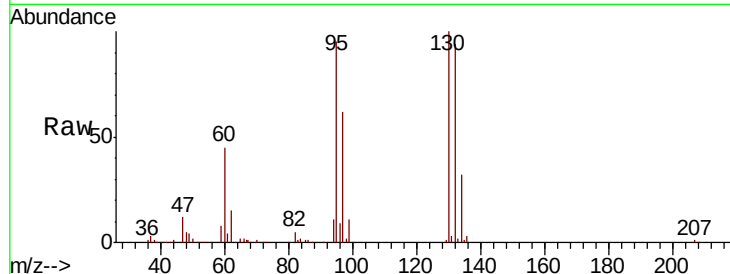
#37
 Trichloroethene
 Concen: 22.600 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 92180
 Ion Ratio Lower Upper
 130 100
 95 94.7 83.1 124.7

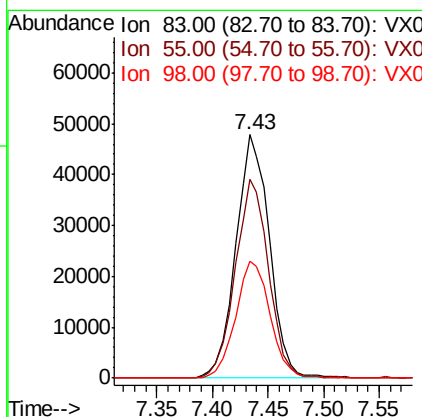
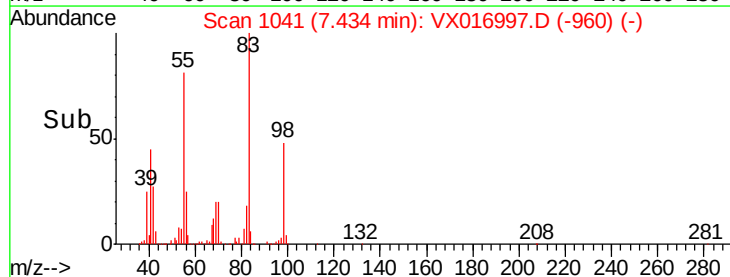
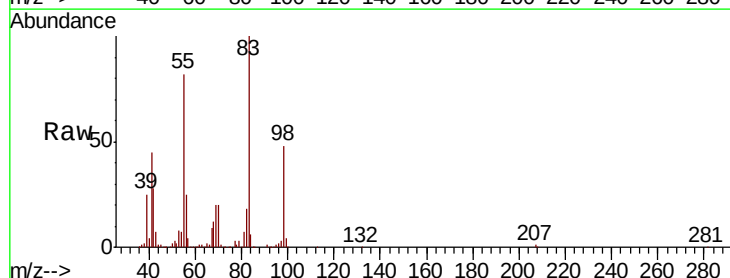
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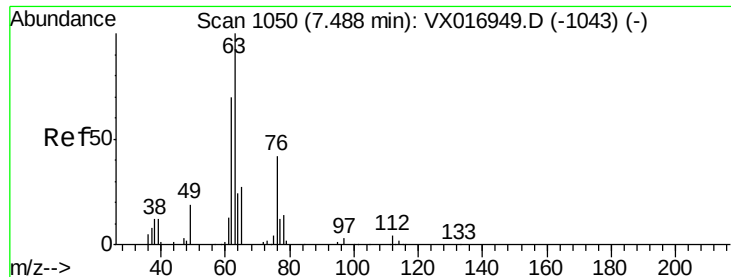
MMDadoda
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#38
 Methylcyclohexane
 Concen: 17.097 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion: 83 Resp: 99956
 Ion Ratio Lower Upper
 83 100
 55 80.9 38.1 114.5
 98 48.9 24.6 73.6





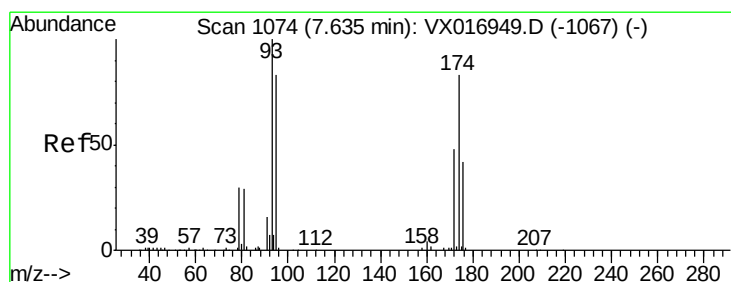
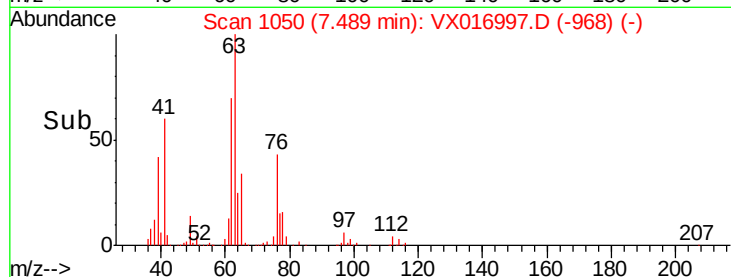
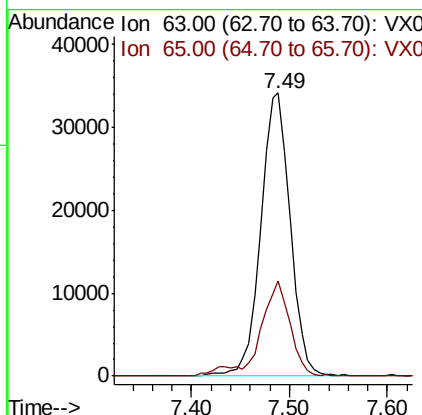
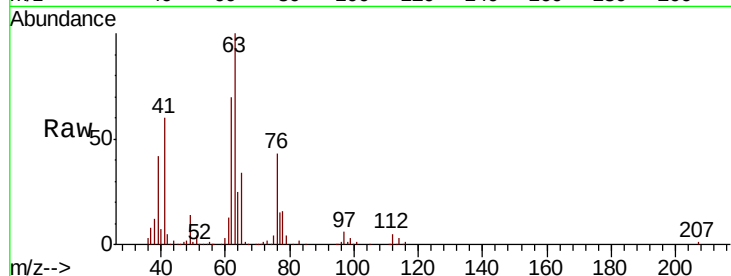
#39
 1,2-Dichloropropane
 Concen: 18.322 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.8	34.2

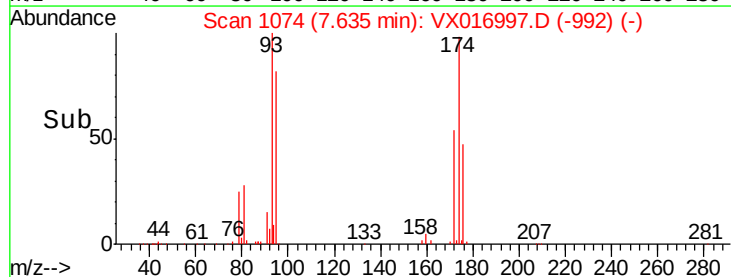
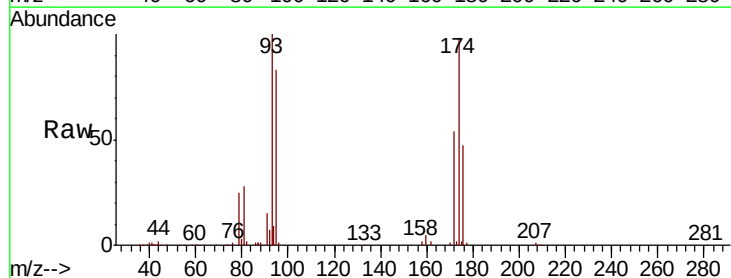
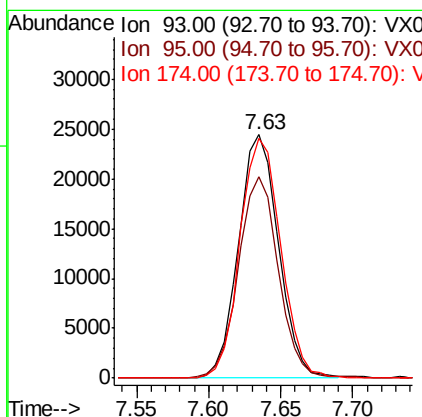
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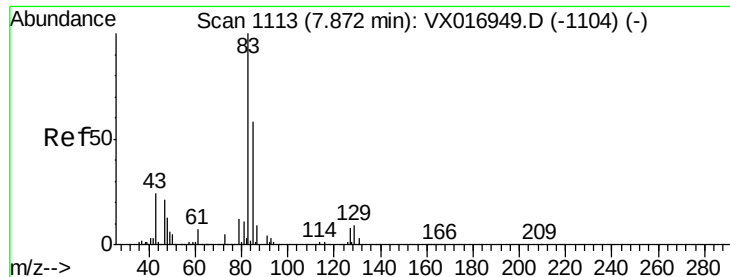
MMDadoda
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#40
 Dibromomethane
 Concen: 17.531 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	0.0	165.4
174	100.4	0.0	192.0





#41

Bromodichloromethane

Concen: 18.069 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

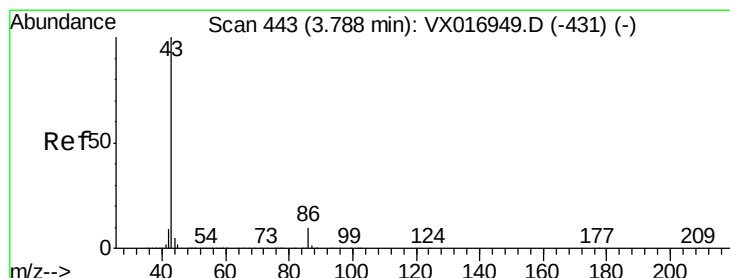
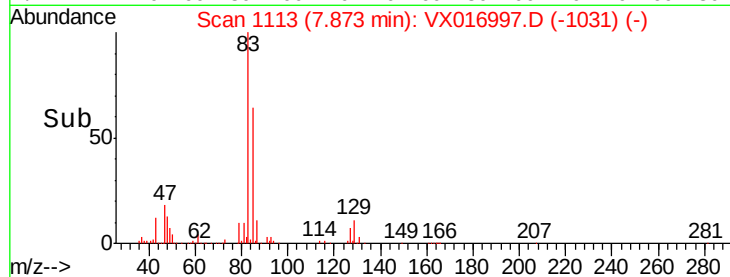
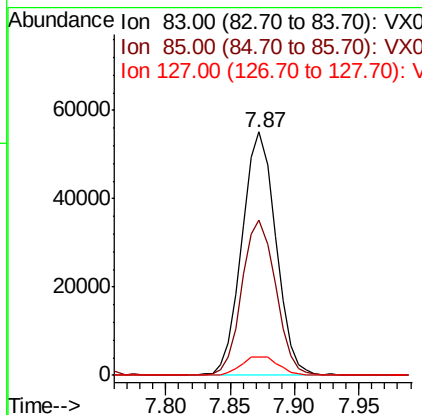
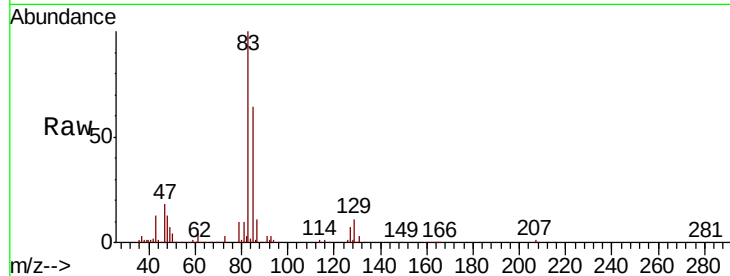
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	100426
Ion Ratio	Lower	Upper	
83	100		
85	63.6	46.7	70.1
127	7.4	6.5	9.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 88.118 ug/l

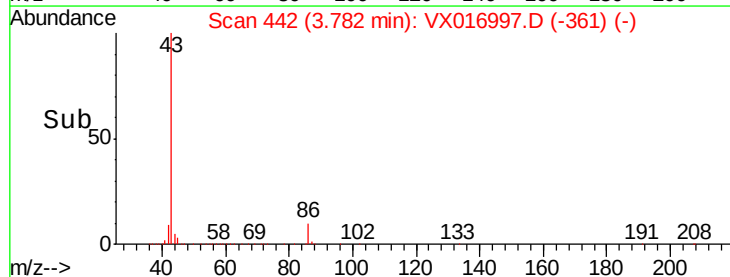
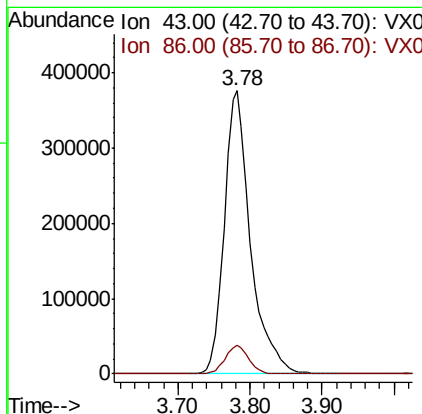
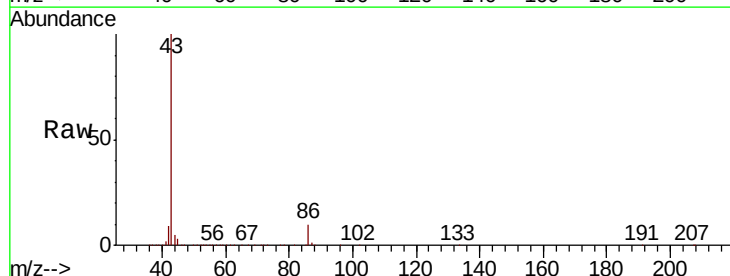
RT: 3.78 min Scan# 442

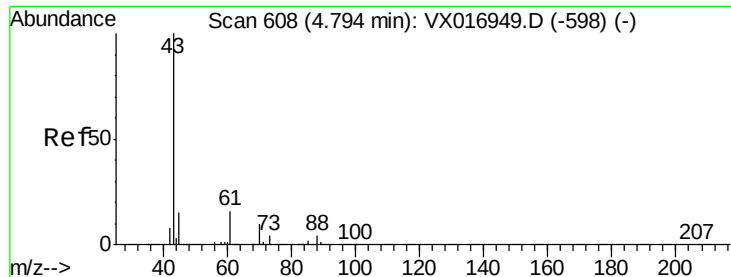
Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	43	Resp:	950192
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.4	11.2





#43

Ethyl Acetate

Concen: 16.675 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 92422

Ion Ratio Lower Upper

43 100

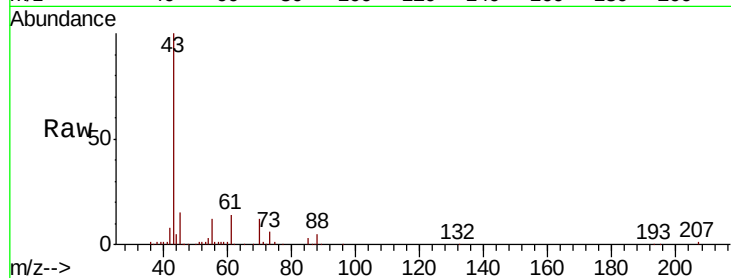
45 14.6 11.8 17.6

Manual Integrations

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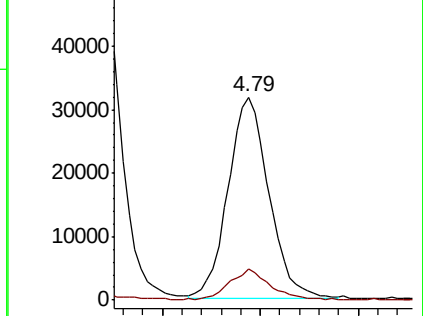
MMDadoda

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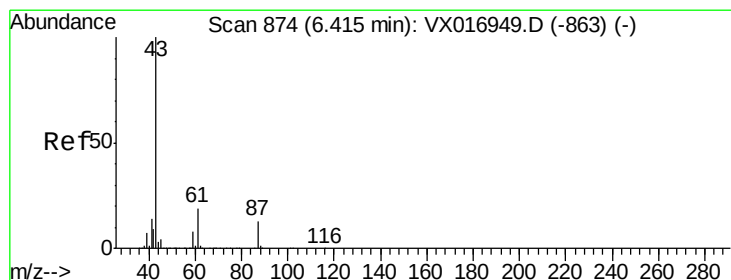
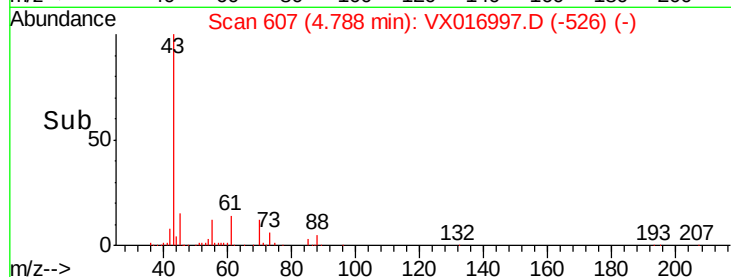


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#44

Isopropyl Acetate

Concen: 16.597 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016997.D

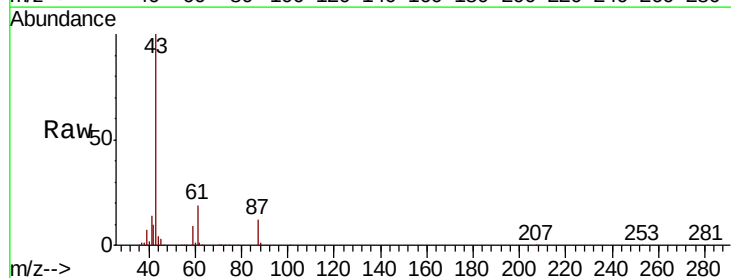
Acq: 26 Jun 2020 22:33

Tgt Ion: 43 Resp: 151631

Ion Ratio Lower Upper

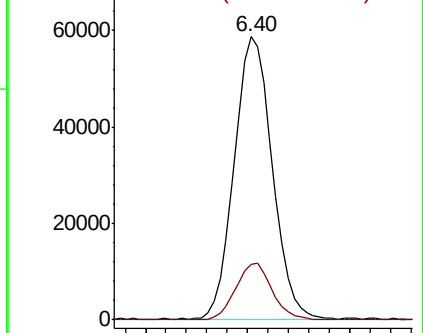
43 100

61 19.2 15.4 23.2

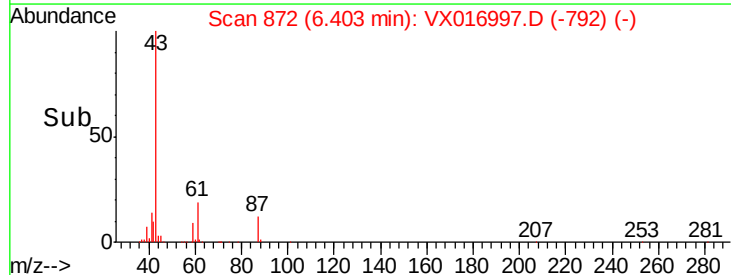


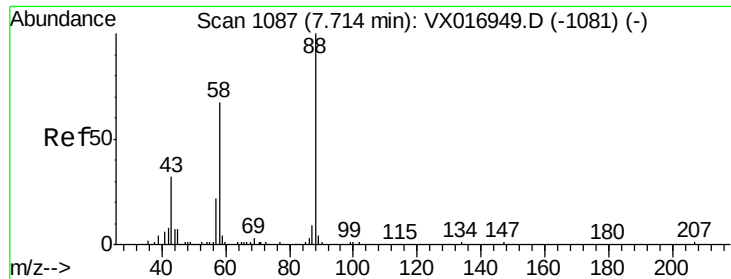
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#45

1,4-Dioxane

Concen: 349.197 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

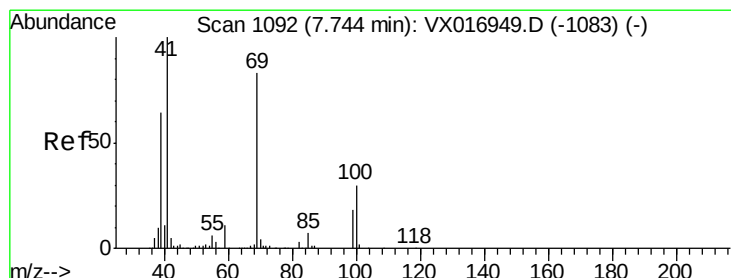
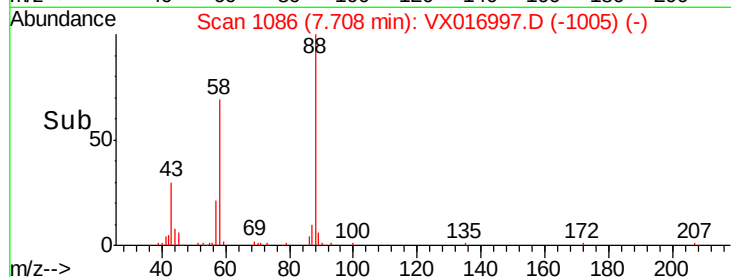
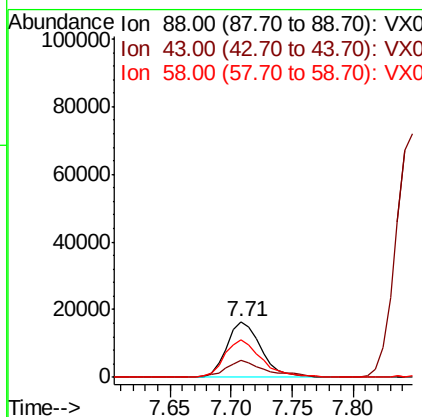
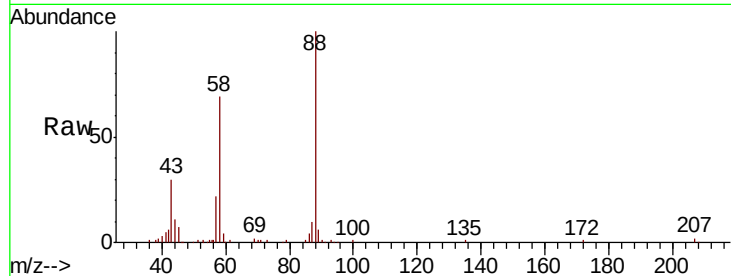
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	32185
Ion	Ratio	Lower	Upper
88	100		
43	34.0	28.9	43.3
58	73.4	56.7	85.1

Manual Integrations
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MMDadoda
6/29/2020 12:32:48 PM



#46

Methyl methacrylate

Concen: 17.490 ug/l

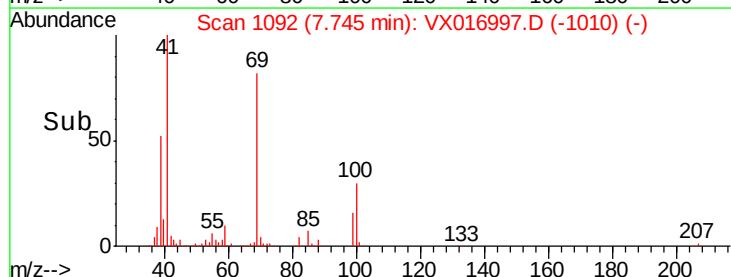
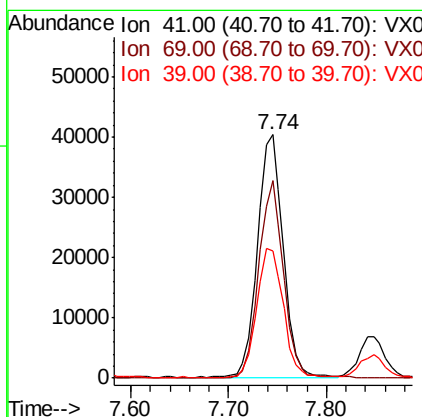
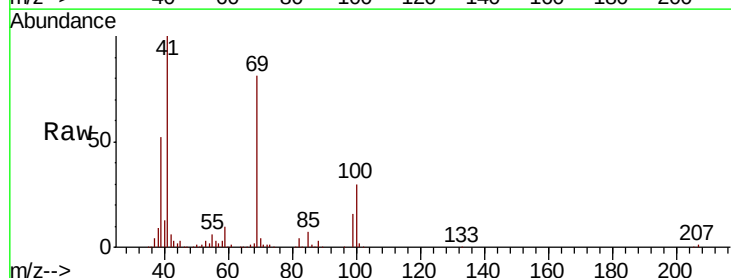
RT: 7.74 min Scan# 1092

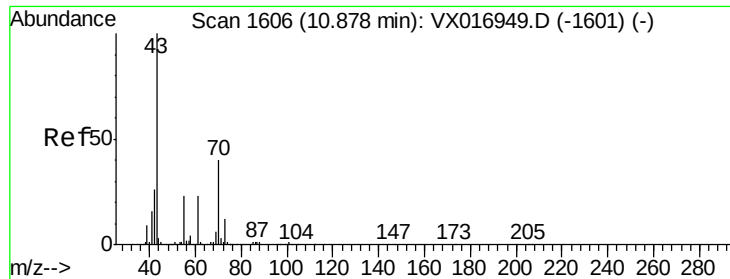
Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	41	Resp:	73945
Ion	Ratio	Lower	Upper
41	100		
69	81.4	41.3	123.9
39	52.0	32.0	96.2





#47

n-amvl Acetate

Concen: 15.941 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 128733

Ion Ratio Lower Upper

43 100

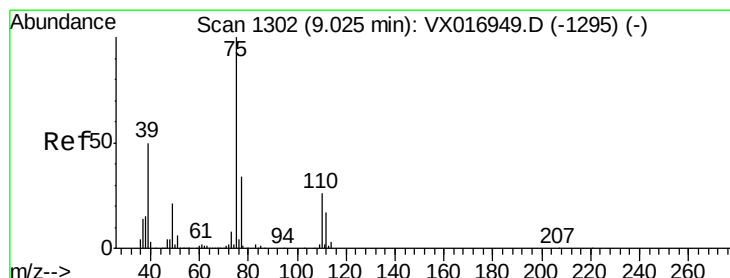
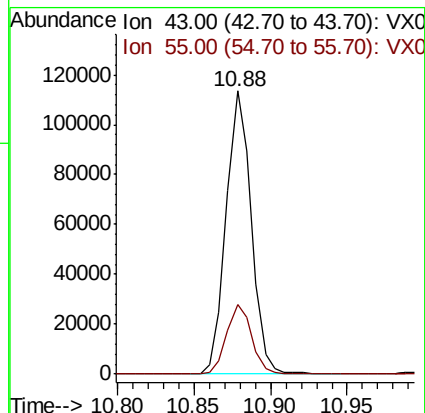
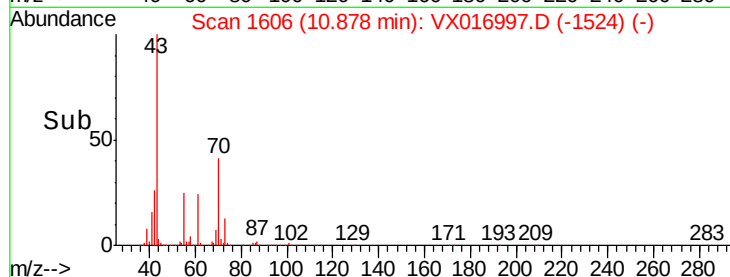
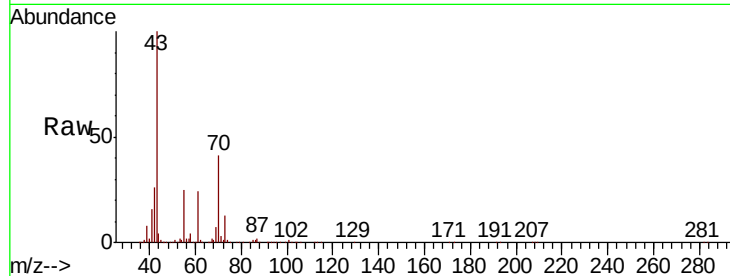
55 24.9 18.6 27.8

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:32:48 PM



#48

t-1,3-Dichloropropene

Concen: 16.912 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016997.D

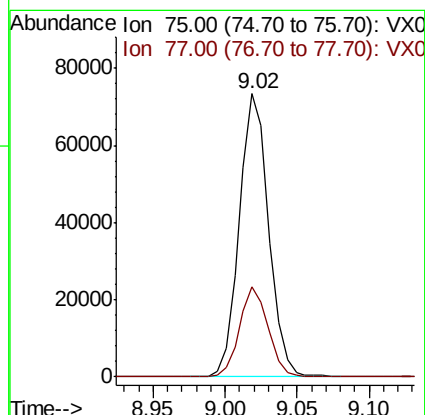
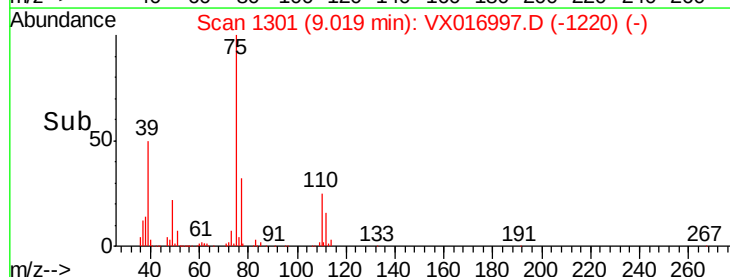
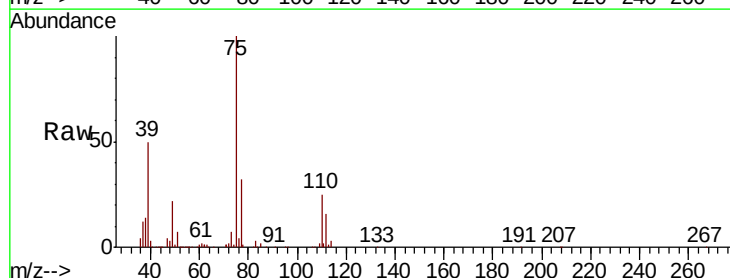
Acq: 26 Jun 2020 22:33

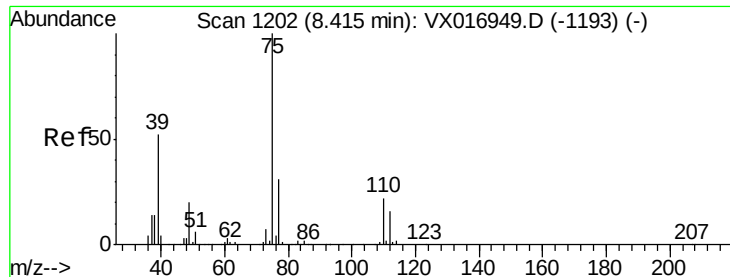
Tgt Ion: 75 Resp: 103927

Ion Ratio Lower Upper

75 100

77 32.0 27.0 40.4





#49

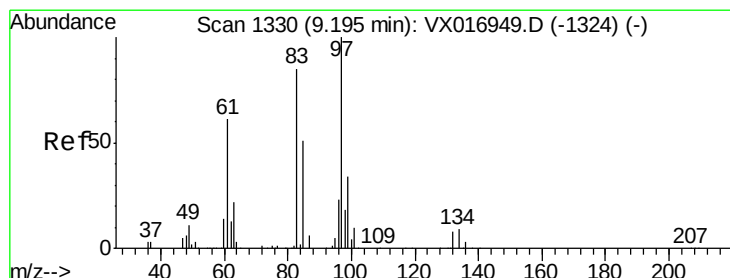
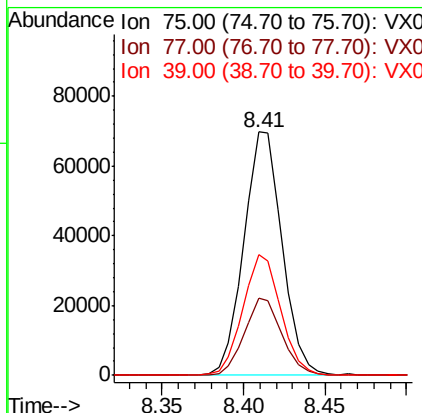
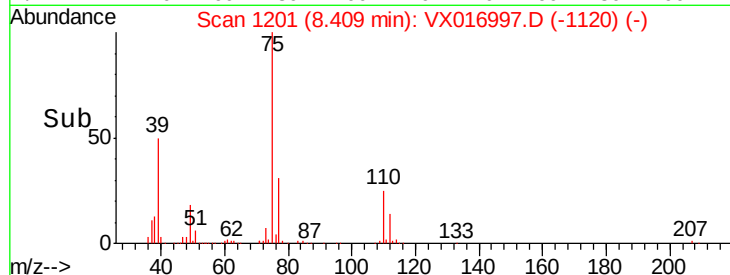
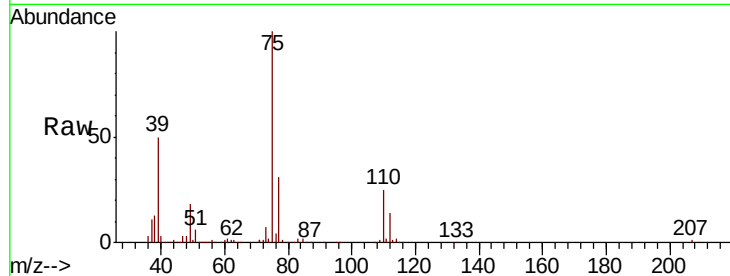
cis-1,3-Dichloropropene
Concen: 17.642 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	49.5	41.8	62.6

Manual Integrations
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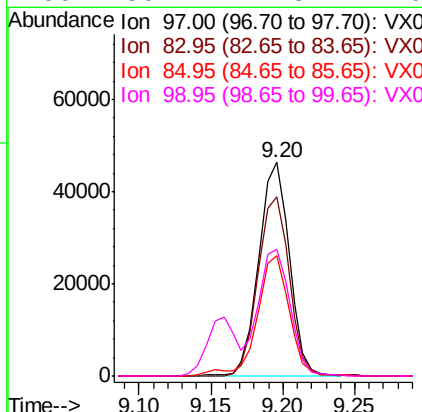
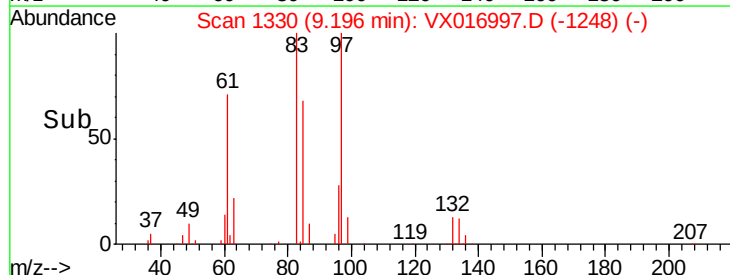
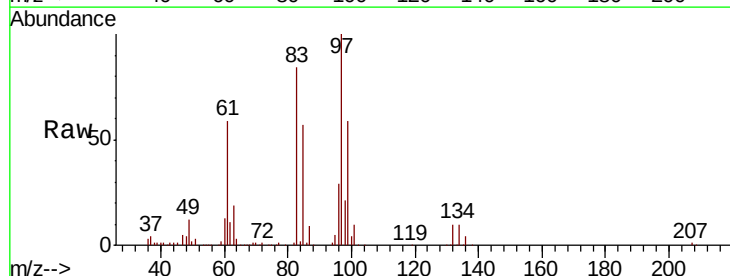
MMDadoda
6/29/2020 12:32:48 PM

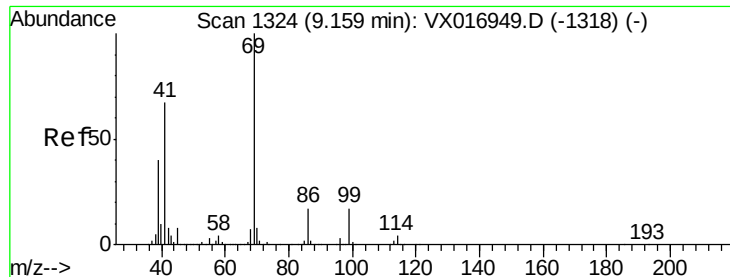


#50

1,1,2-Trichloroethane
Concen: 18.216 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	56.4	42.9	64.3
99	59.1	47.8	71.6





#51

Ethyl methacrylate

Concen: 17.031 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

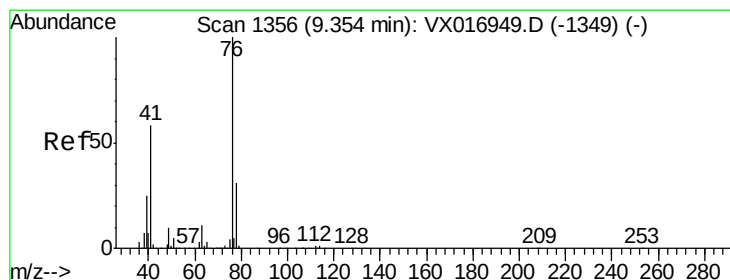
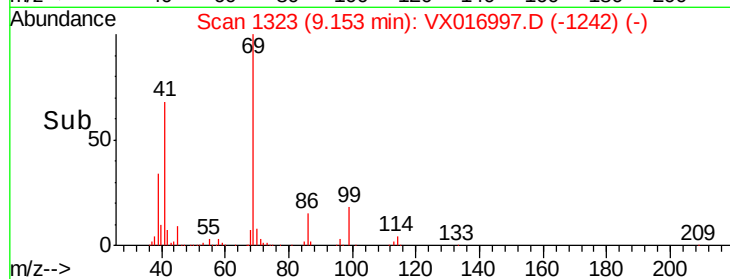
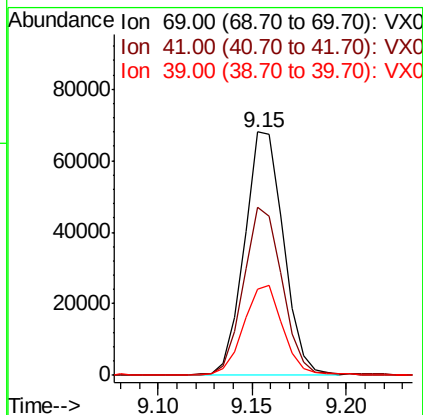
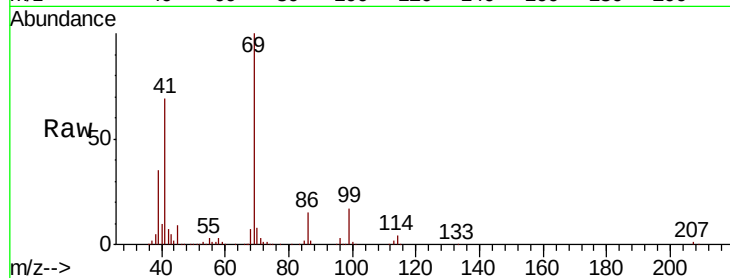
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	97905
Ion Ratio	Lower	Upper	
69	100		
41	68.6	33.7	101.1
39	34.8	19.9	59.7

Manual Integrations
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6/29/2020 12:32:48 PM



#52

1,3-Dichloropropane

Concen: 18.068 ug/l

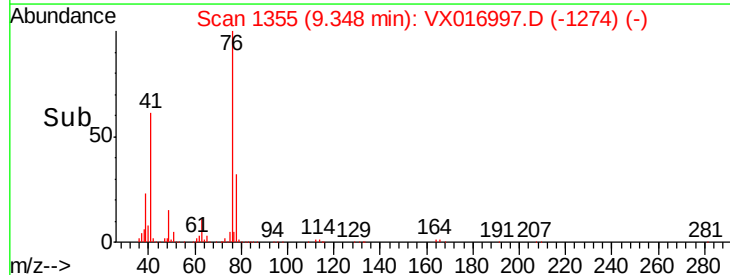
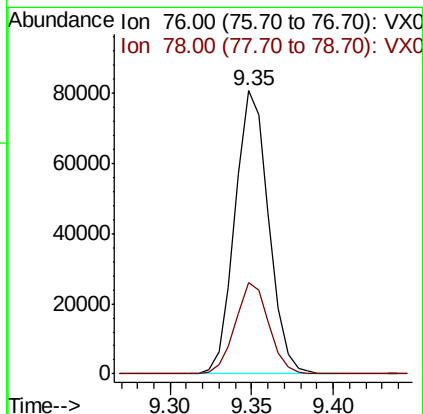
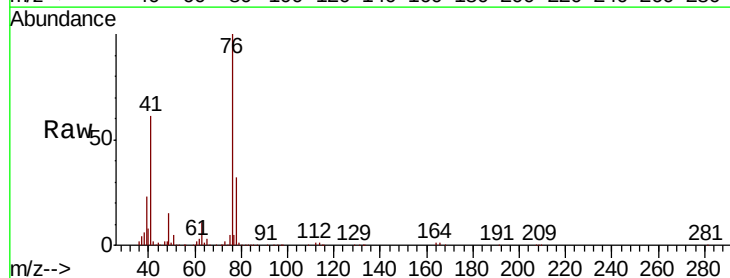
RT: 9.35 min Scan# 1355

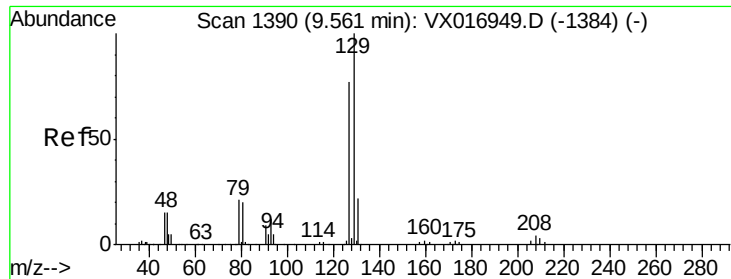
Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	76	Resp:	116193
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	62.4





#53

Dibromochloromethane

Concen: 18.317 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 78860

Ion Ratio Lower Upper

129 100

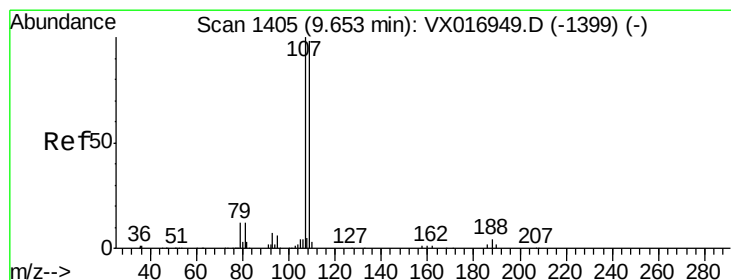
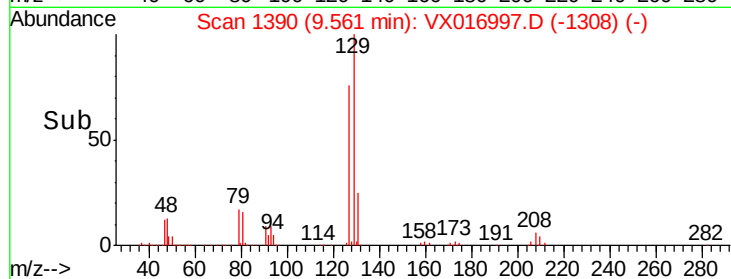
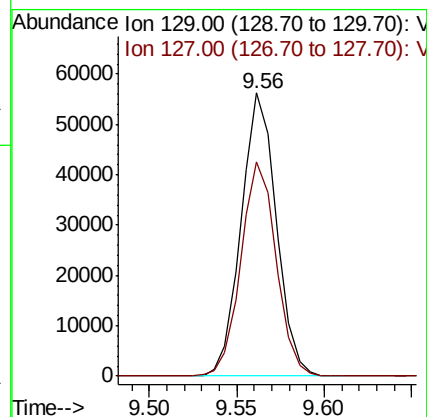
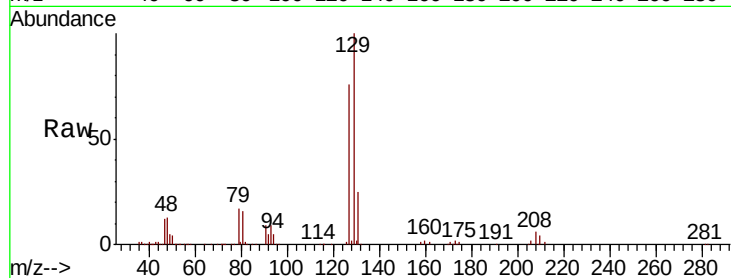
127 75.8 38.7 116.1

Manual Integrations

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6/29/2020 12:32:48 PM



#54

1,2-Dibromoethane

Concen: 18.311 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016997.D

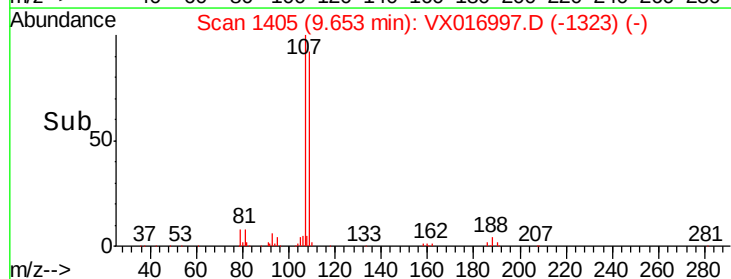
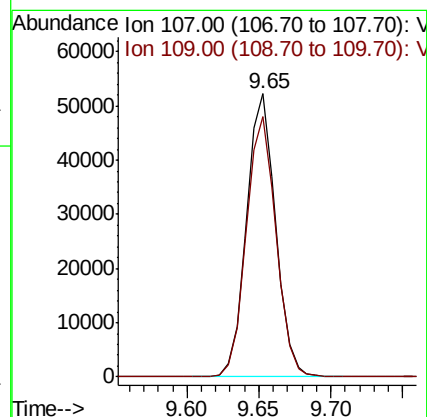
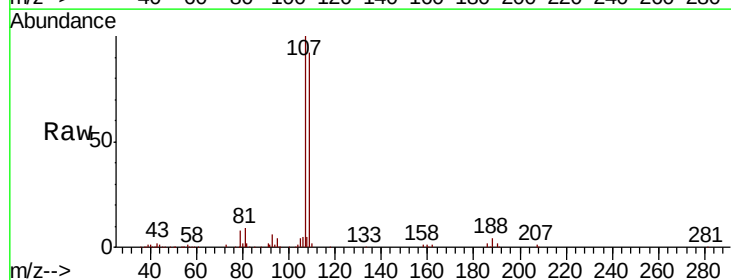
Acq: 26 Jun 2020 22:33

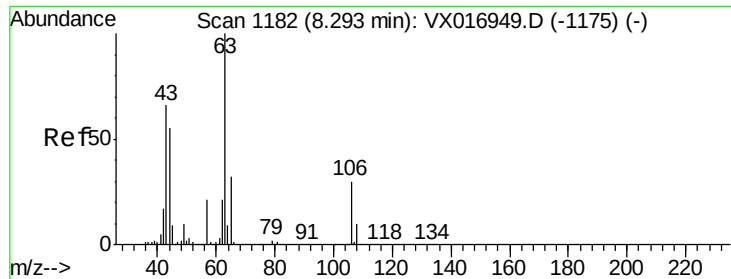
Tgt Ion:107 Resp: 72781

Ion Ratio Lower Upper

107 100

109 93.7 75.0 112.6





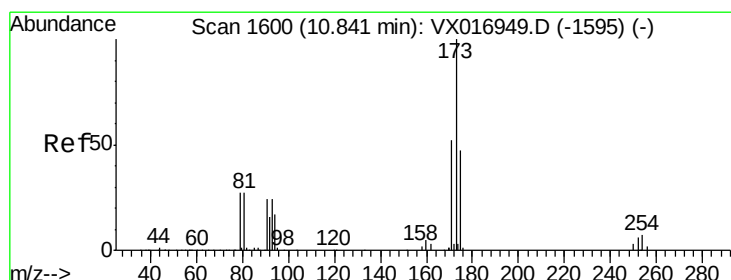
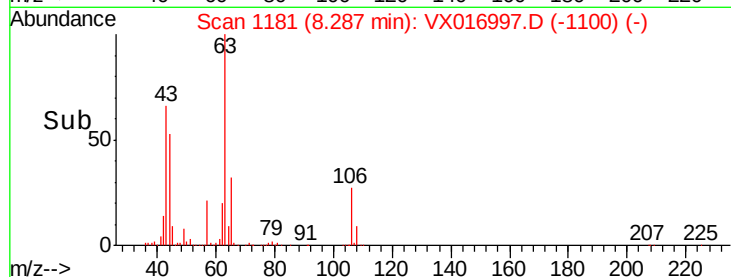
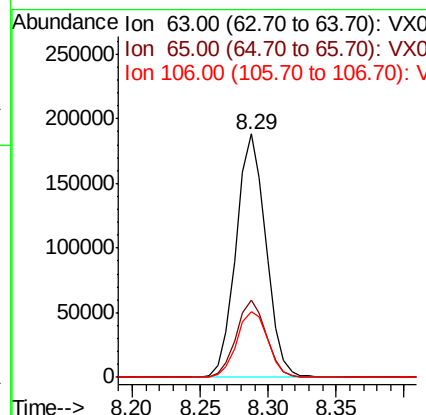
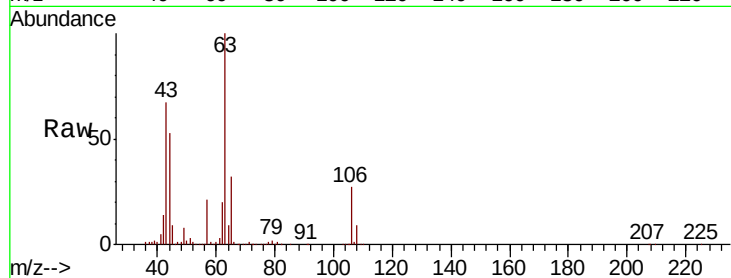
#55
2-Chloroethyl vinyl ether
Concen: 95.058 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.9	38.9
106	28.0	22.6	33.8

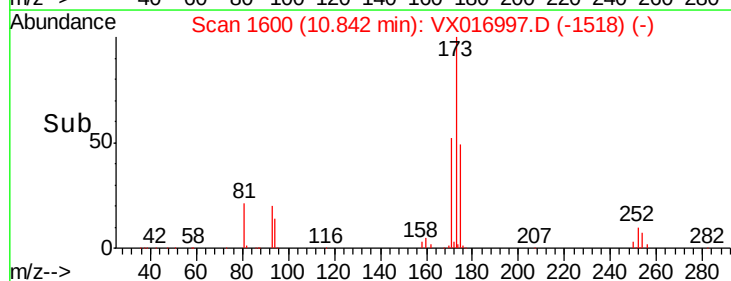
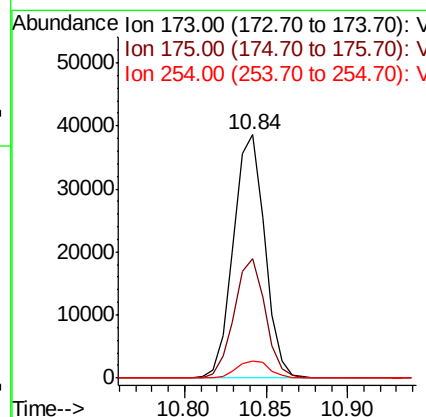
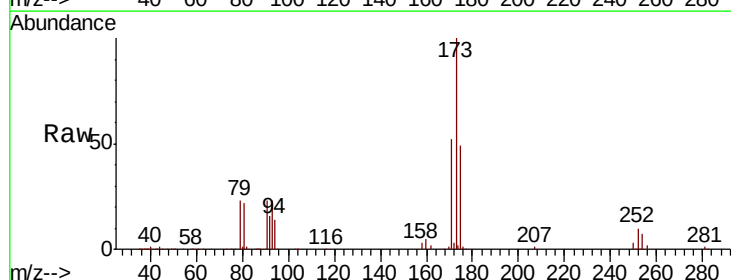
Manual Integrations
APPROVED

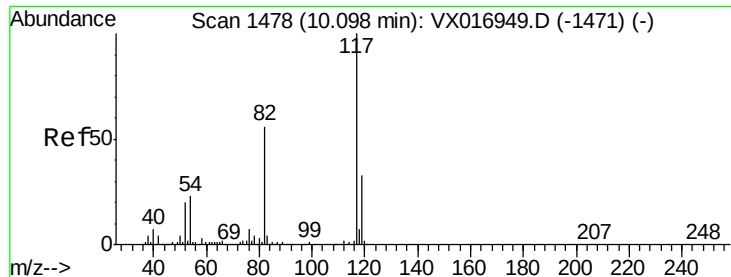
MMDadoda
6/29/2020 12:32:48 PM



#56
Bromoform
Concen: 16.955 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.7	58.1
254	7.6	5.8	8.6





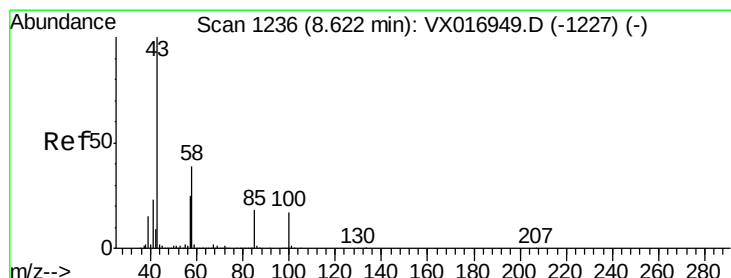
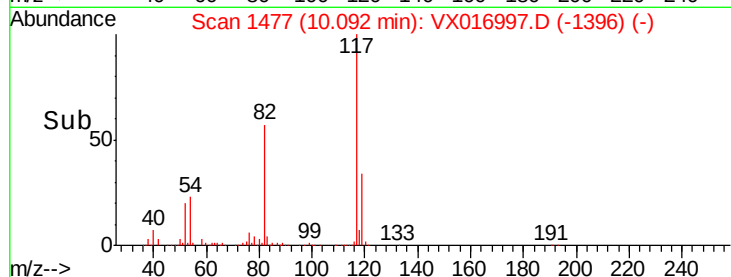
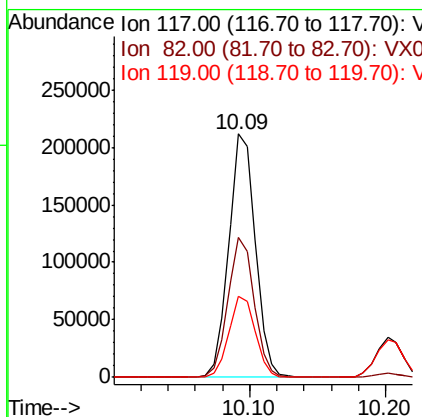
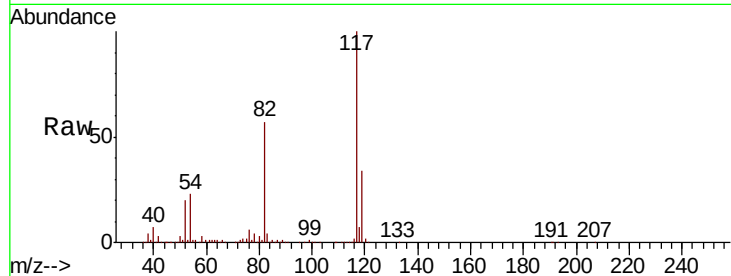
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288780		
82	56.6		44.9	67.3
119	33.2		25.8	38.8

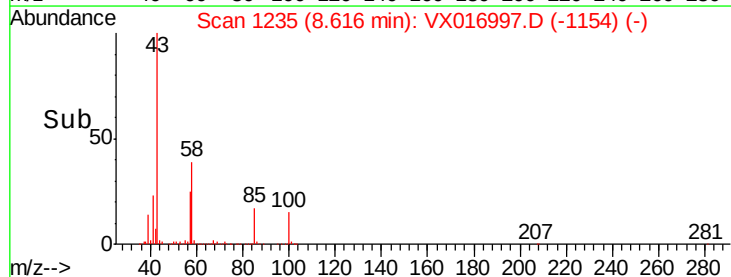
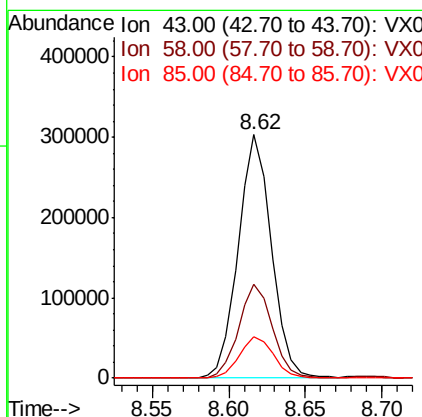
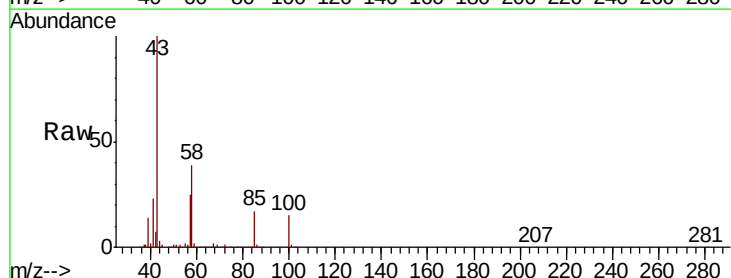
Manual Integrations
APPROVED

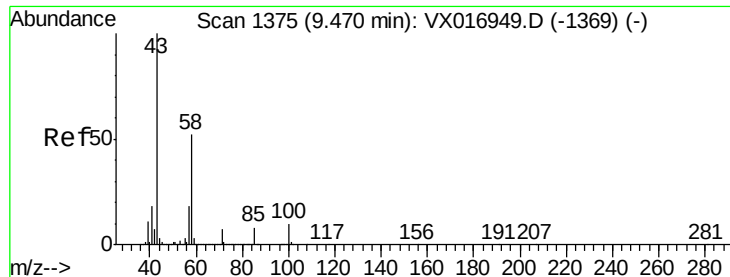
MMDadoda
6/29/2020 12:32:48 PM



#58
4-Methyl-2-Pentanone
Concen: 85.943 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	457166		
58	39.1		30.4	45.6
85	17.4		13.5	20.3





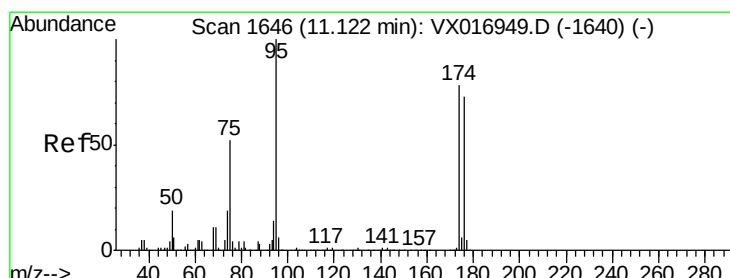
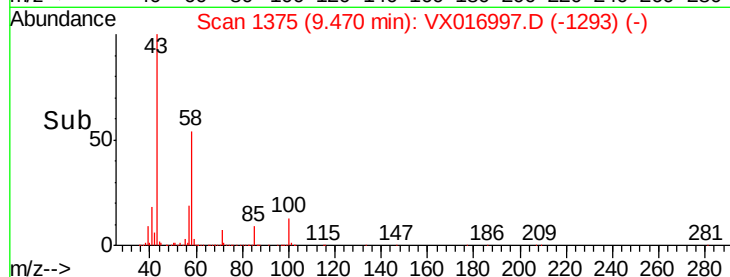
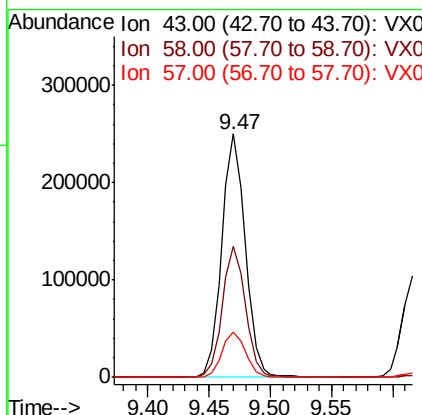
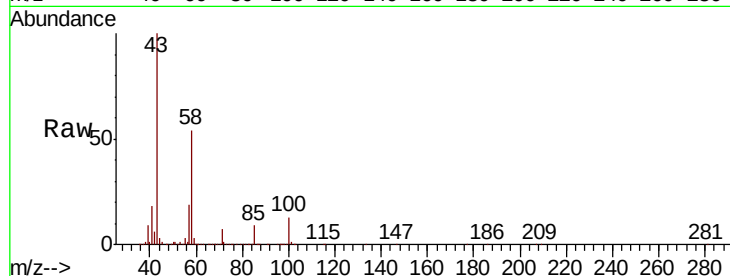
#59
2-Hexanone
Concen: 83.865 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.3	63.5
57	18.9	14.1	21.1

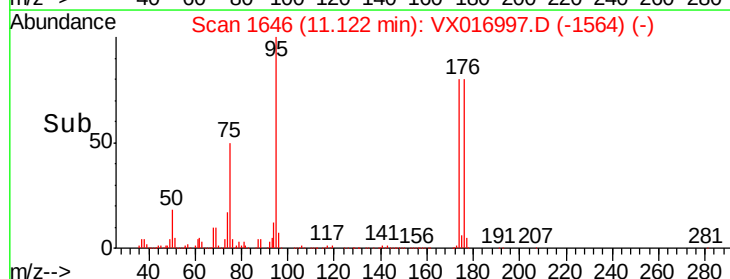
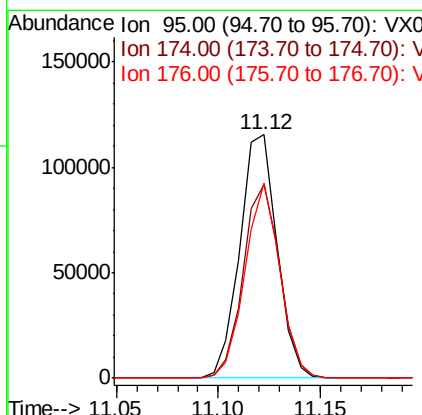
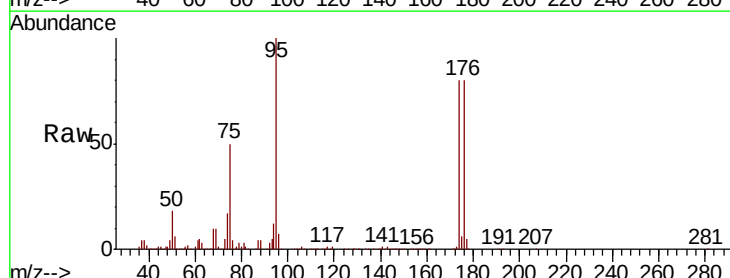
Manual Integrations
APPROVED

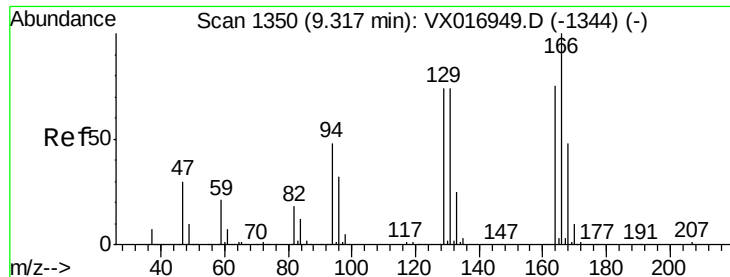
MMDadoda
6/29/2020 12:32:48 PM



#60
4-Bromofluorobenzene
Concen: 30.482 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.8	62.2	93.4
176	74.8	58.9	88.3





#61

Tetrachloroethene

Concen: 19.014 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 70024

Ion Ratio Lower Upper

164 100

166 130.6 106.3 159.5

129 96.7 78.9 118.3

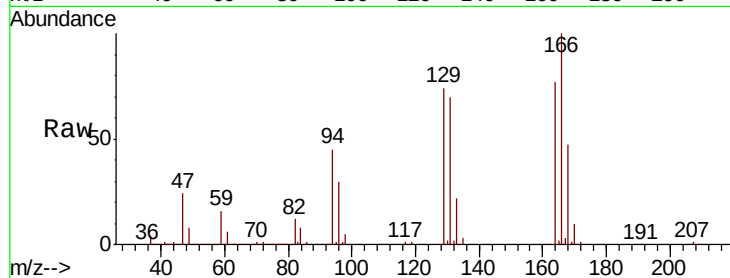
131 90.8 78.2 117.4

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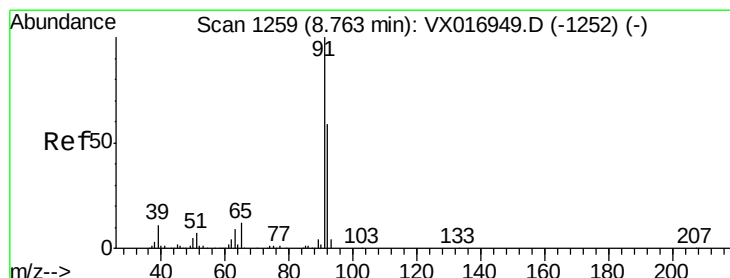
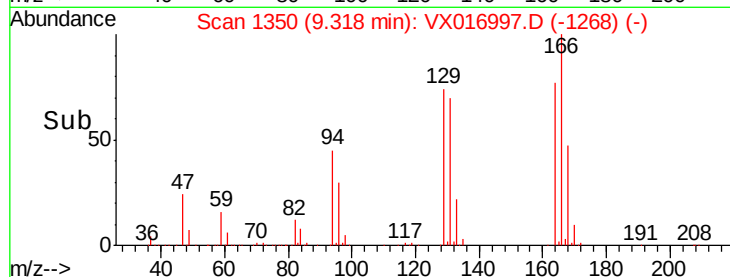
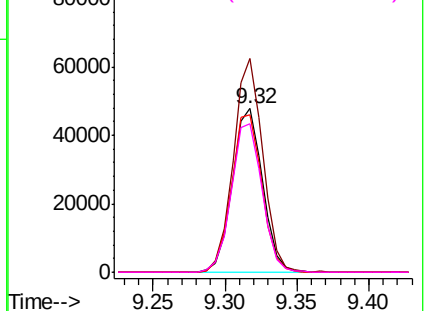


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.348 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016997.D

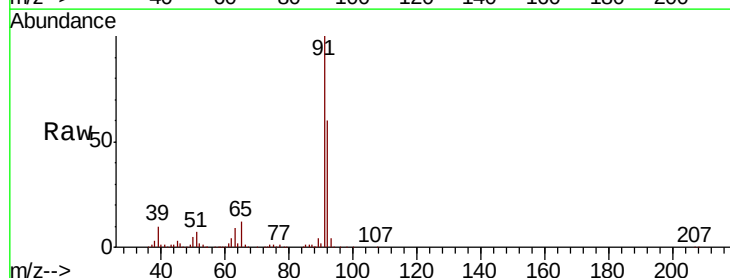
Acq: 26 Jun 2020 22:33

Tgt Ion: 91 Resp: 289797

Ion Ratio Lower Upper

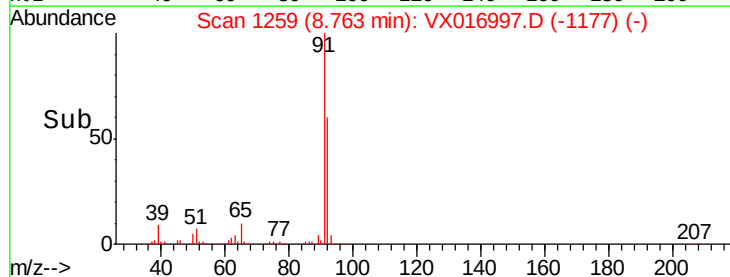
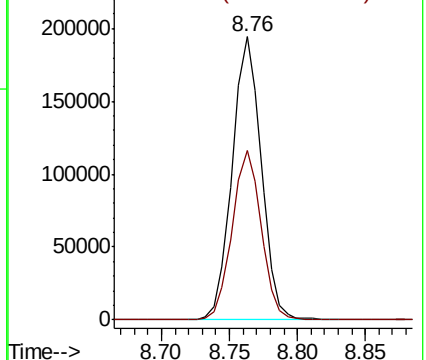
91 100

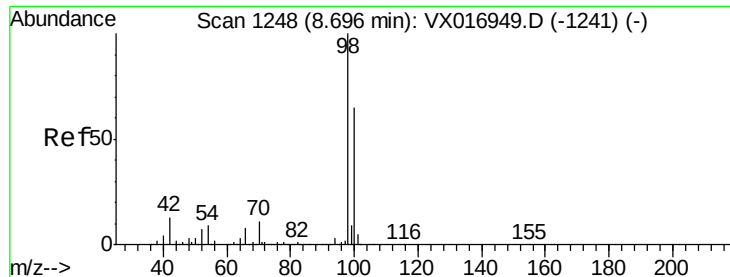
92 59.9 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.174 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 98 Resp: 384105

Ion Ratio Lower Upper

98 100

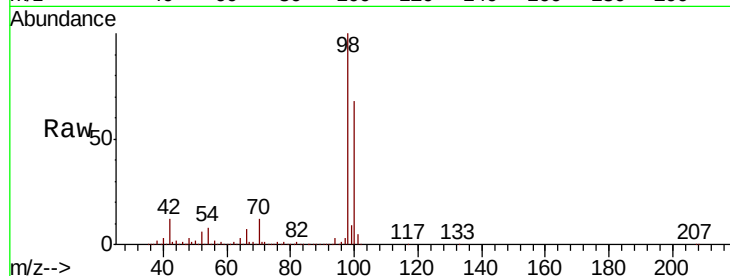
100 67.3 52.3 78.5

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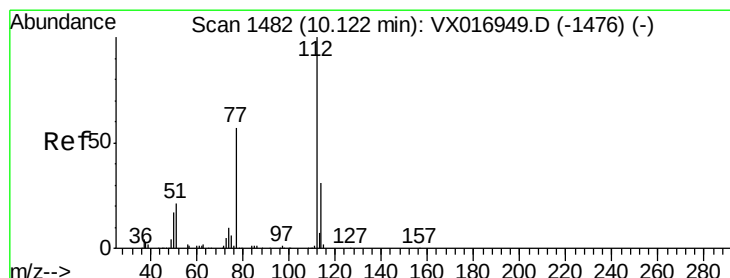
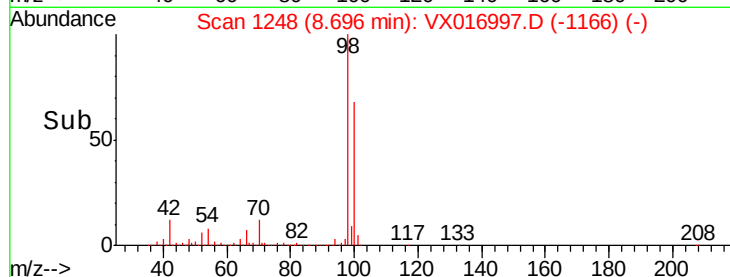
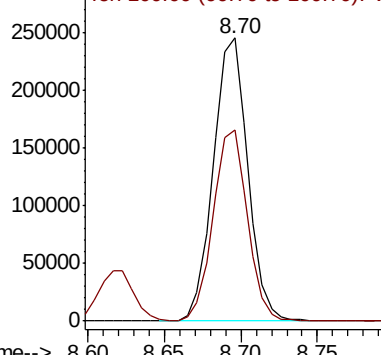
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Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)



#64

Chlorobenzene

Concen: 18.757 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016997.D

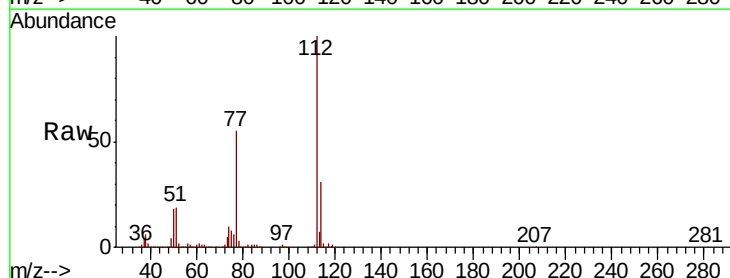
Acq: 26 Jun 2020 22:33

Tgt Ion: 112 Resp: 185604

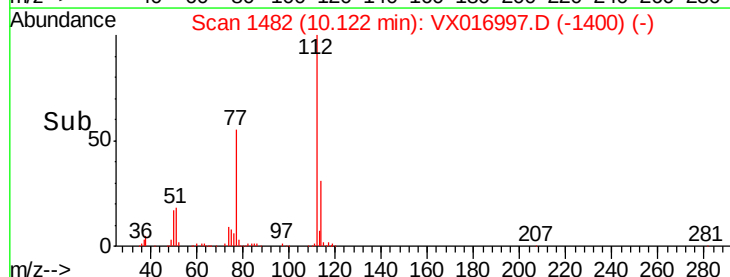
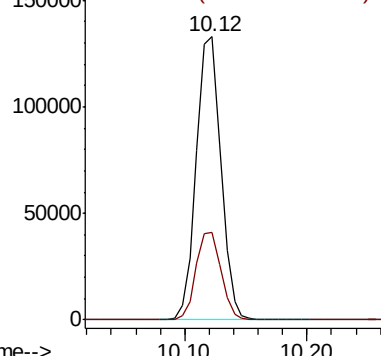
Ion Ratio Lower Upper

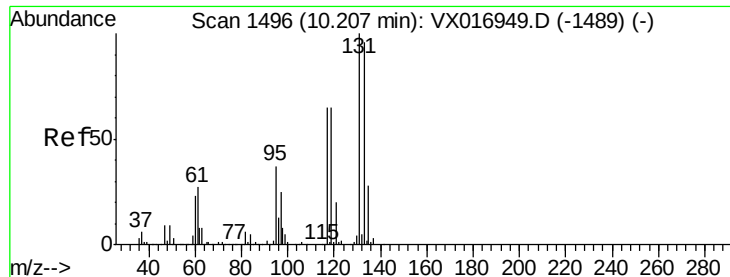
112 100

114 30.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.756 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

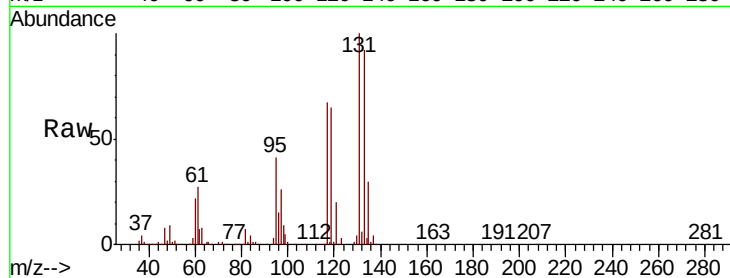
ClientSampleId :

VSTDCCC020

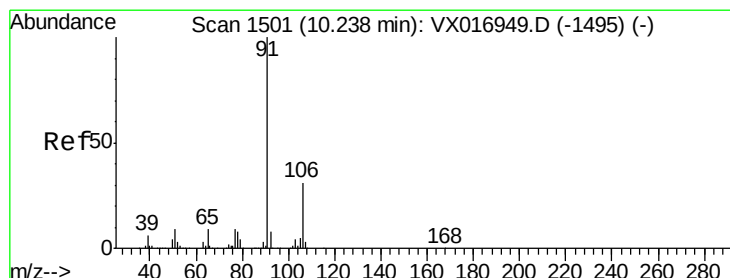
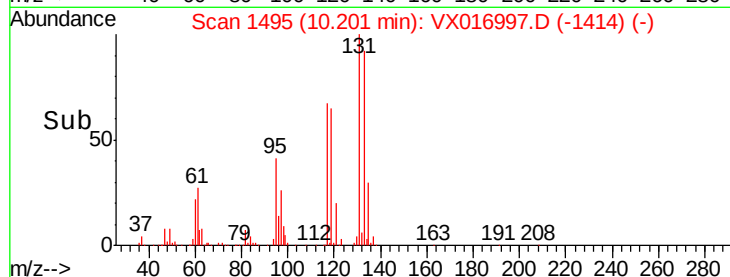
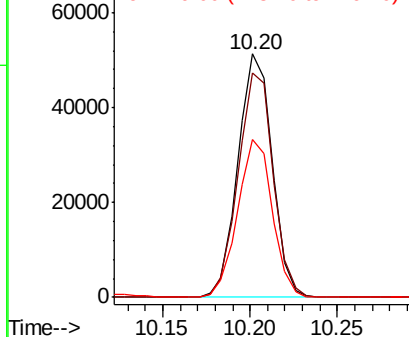
Tot Ion:	131	Resp:	69869
Ion	Ratio	Lower	Upper
131	100		
133	94.4	0.0	190.2
119	65.8	0.0	133.2

Manual Integrations
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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.055 ug/l

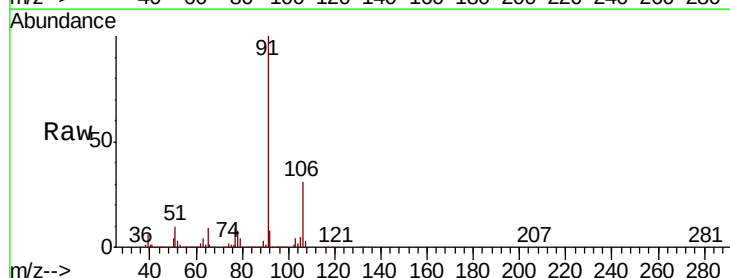
RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

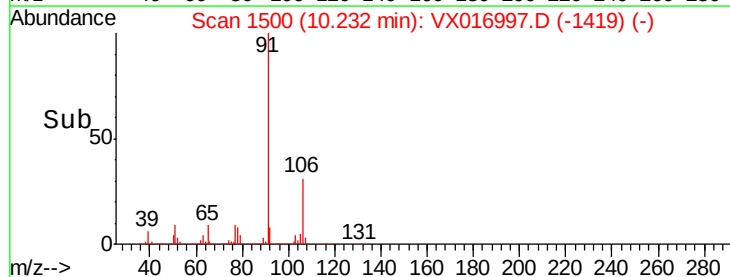
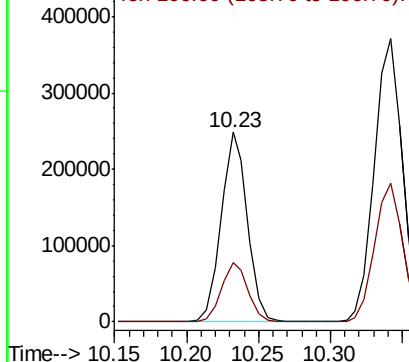
Lab File: VX016997.D

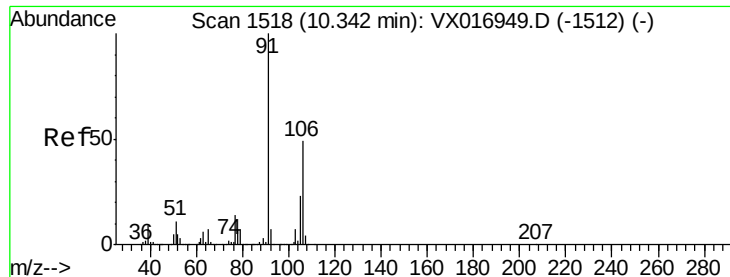
Acq: 26 Jun 2020 22:33

Tgt Ion:	91	Resp:	316248
Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.8	37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.808 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 243209

Ion Ratio Lower Upper

106 100

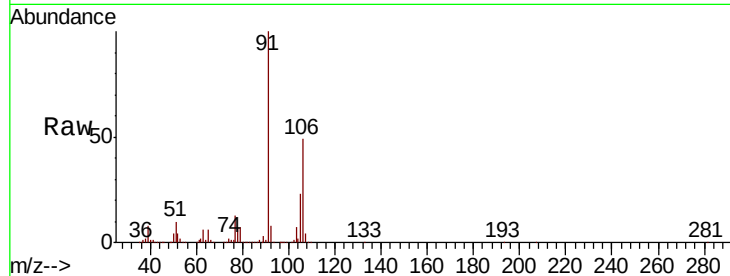
91 204.5 164.5 246.7

Manual Integrations

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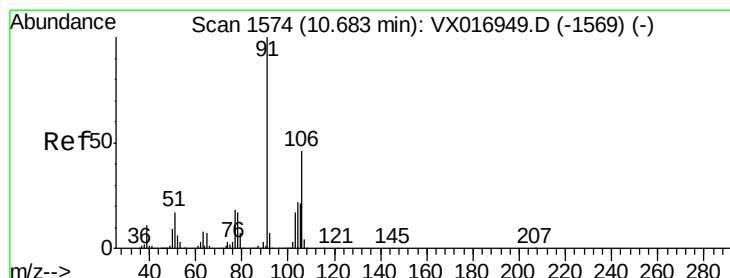
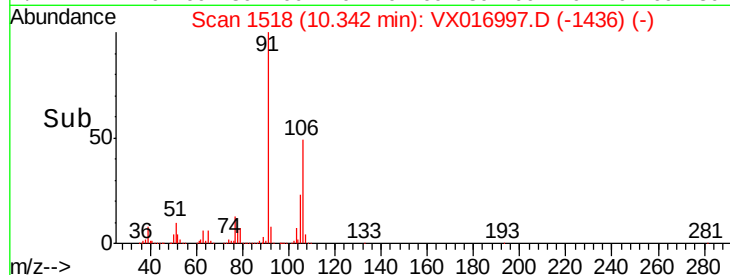
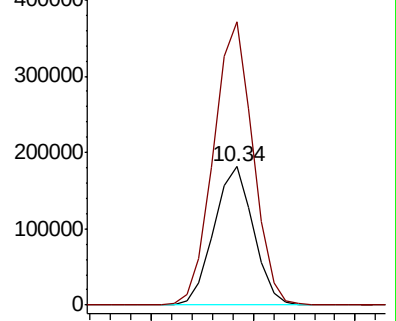
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.365 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016997.D

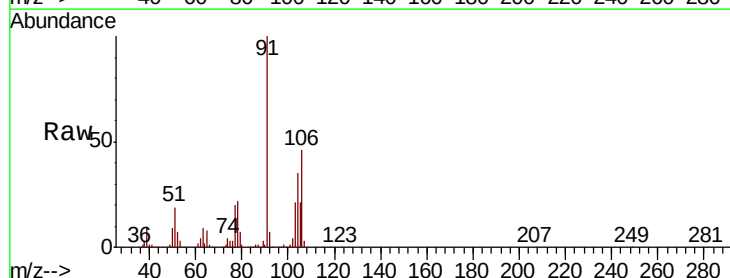
Acq: 26 Jun 2020 22:33

Tgt Ion:106 Resp: 116564

Ion Ratio Lower Upper

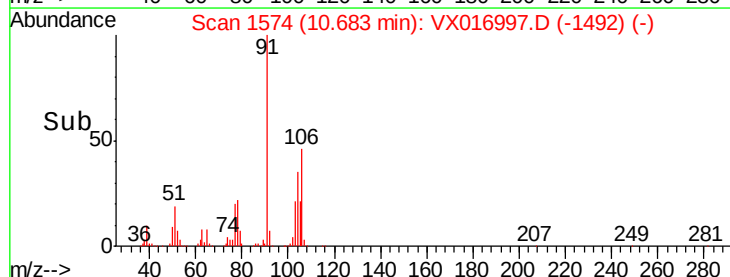
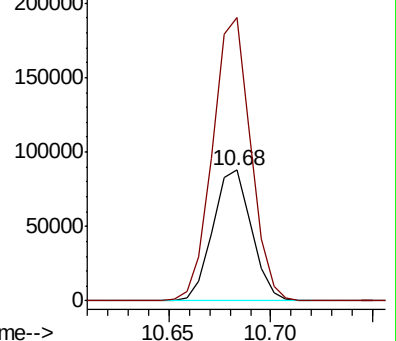
106 100

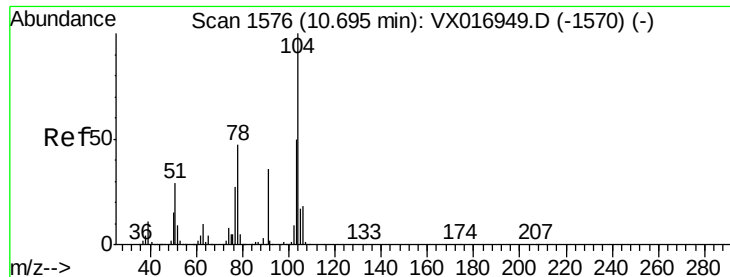
91 211.8 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





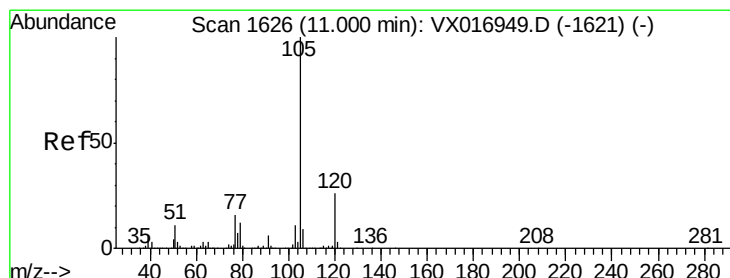
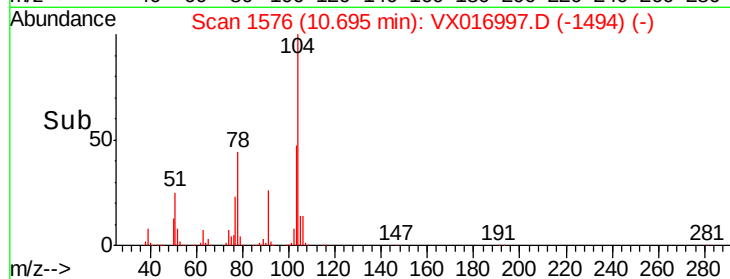
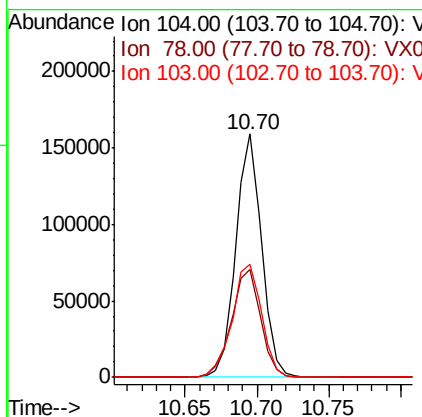
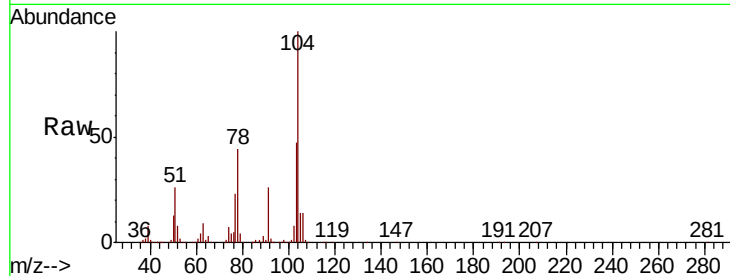
#69
Stvrene
Concen: 18.412 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	42.6	64.0
103	53.3	44.1	66.1

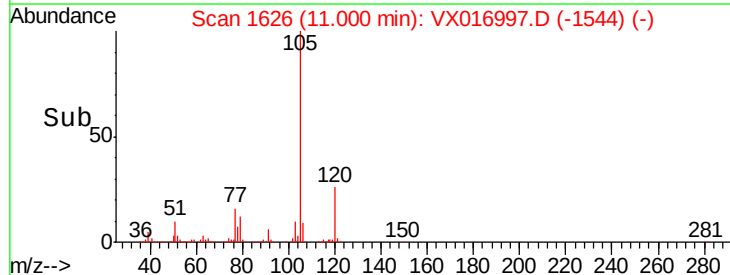
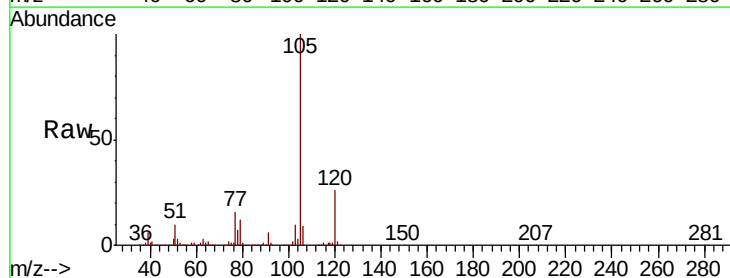
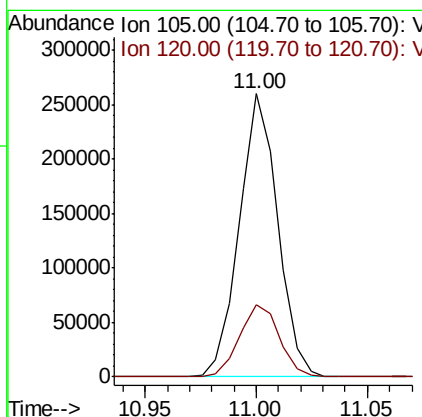
Manual Integrations
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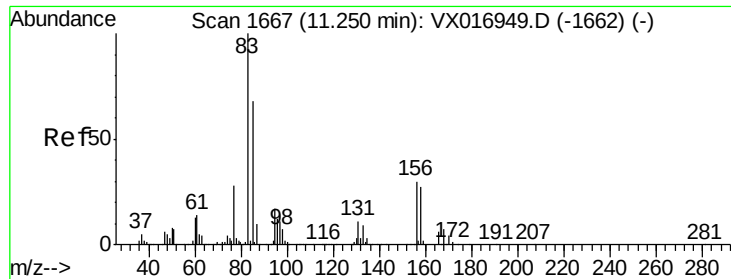
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#70
Isopropylbenzene
Concen: 18.139 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	19.0	35.4





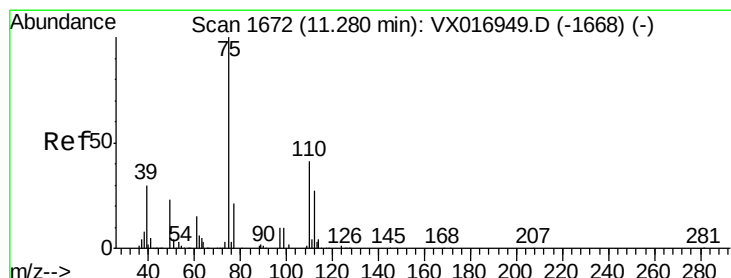
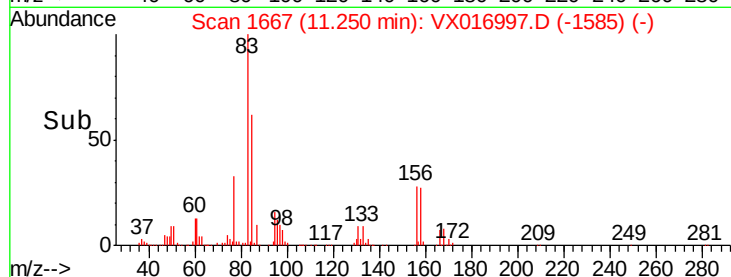
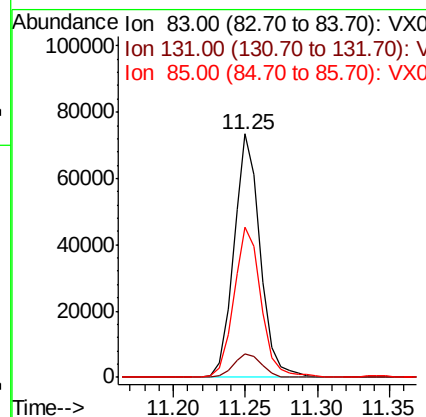
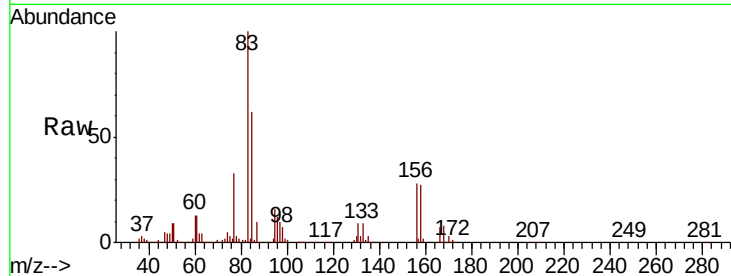
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.762 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.1	33.1	99.3

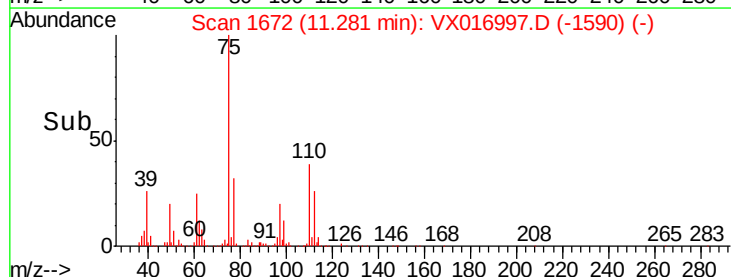
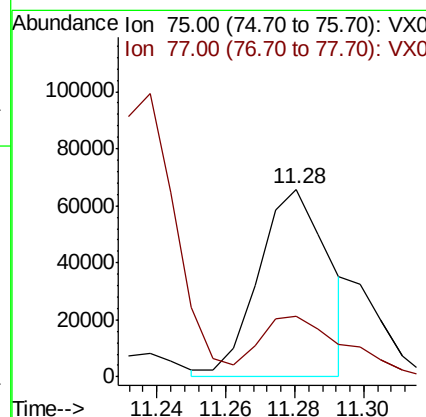
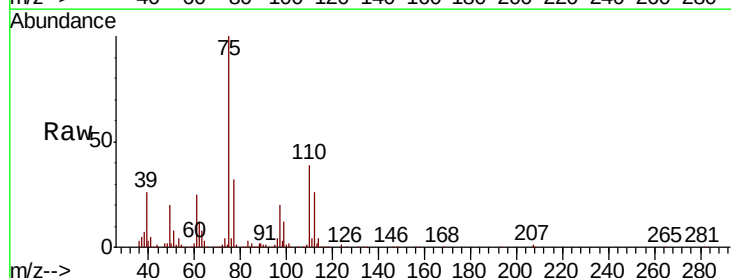
Manual Integrations
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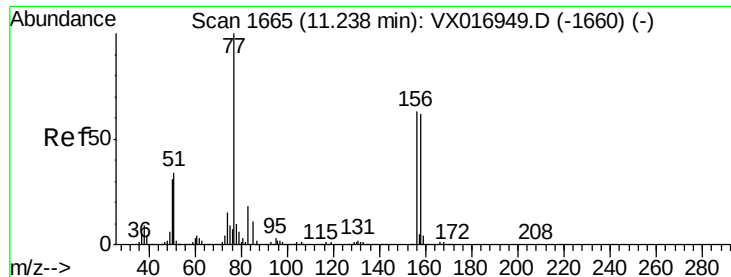
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#72
 1,2,3-Trichloropropane
 Concen: 18.294 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.1	0.0	77.2





#73

Bromobenzene

Concen: 18.187 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

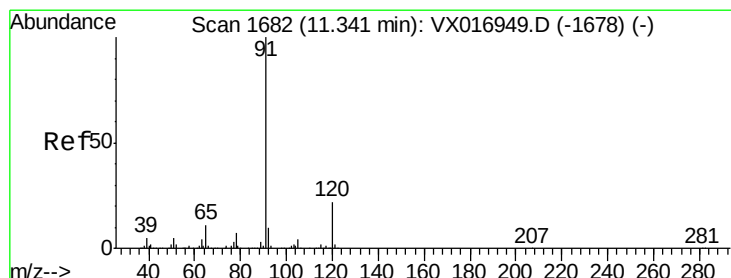
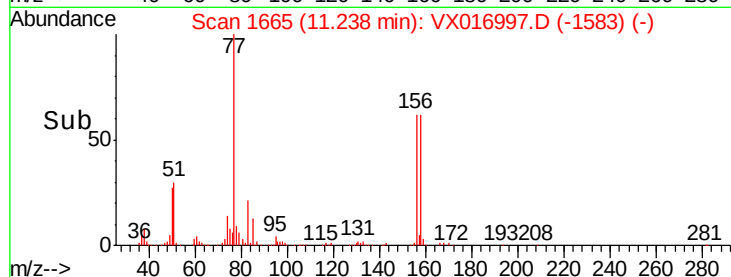
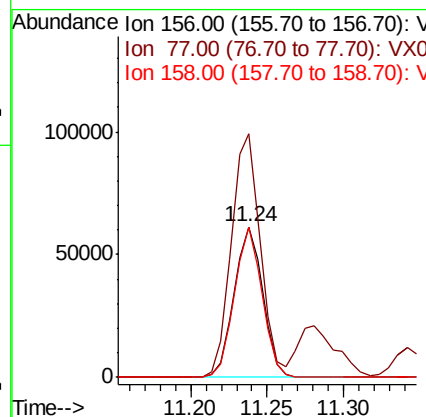
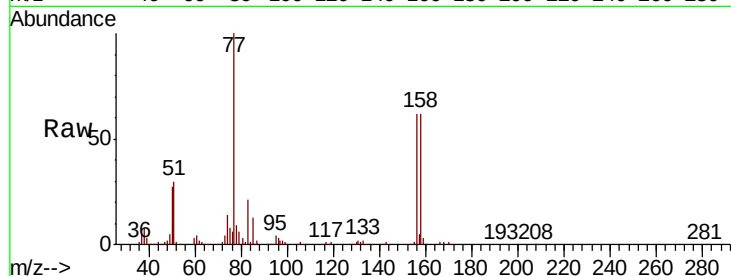
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	79016
Ion Ratio	Lower	Upper	
156	100		
77	164.9	0.0	317.2
158	97.1	0.0	188.4

Manual Integrations
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#74

n-propylbenzene

Concen: 17.940 ug/l

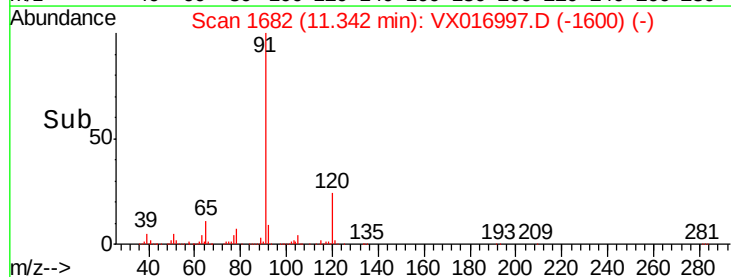
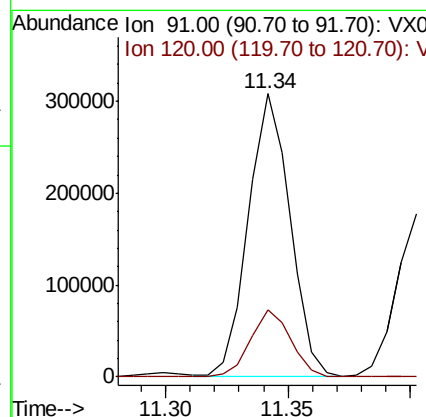
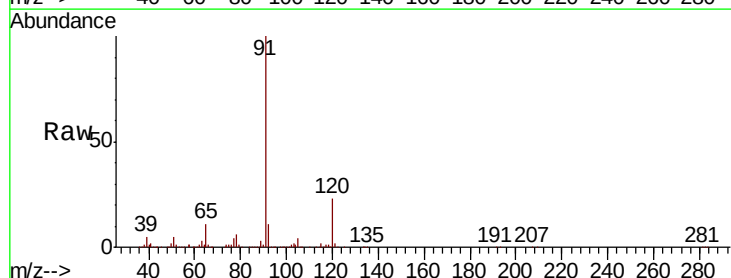
RT: 11.34 min Scan# 1682

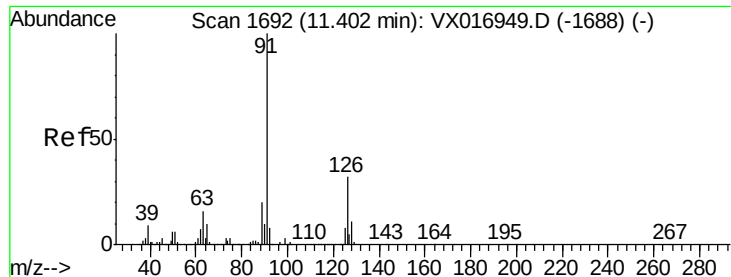
Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	91	Resp:	366705
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	45.6





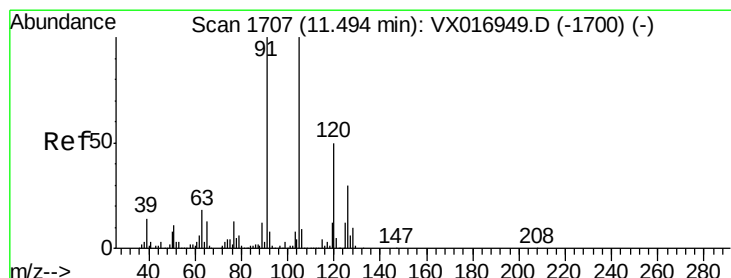
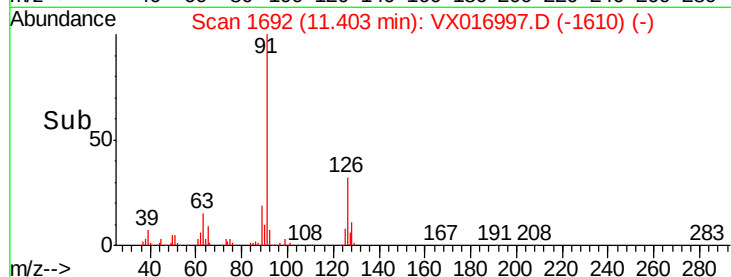
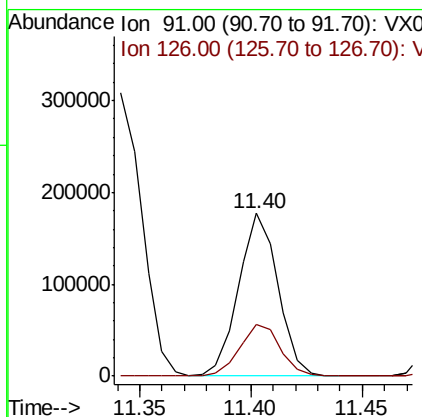
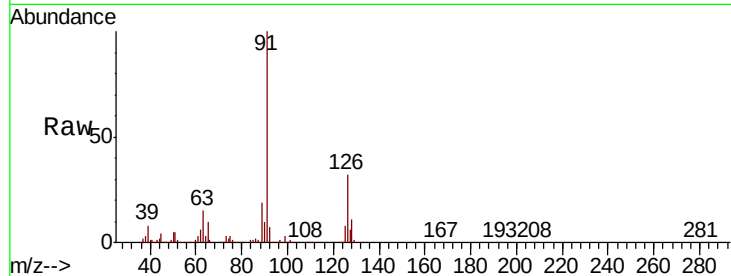
#75
 2-Chlorotoluene
 Concen: 18.333 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.0	0.0	68.0

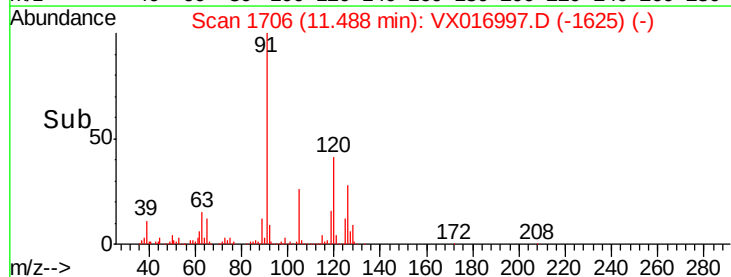
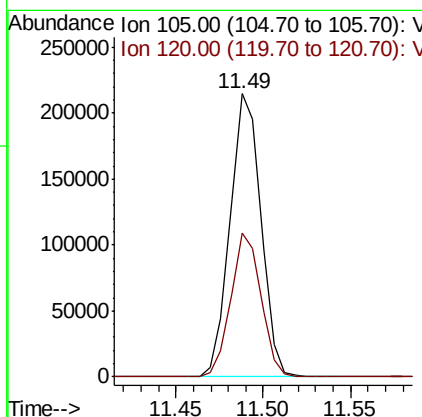
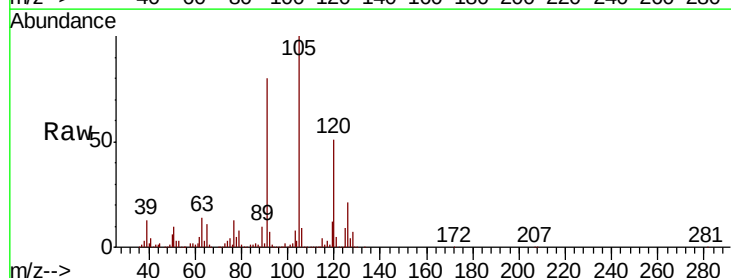
Manual Integrations
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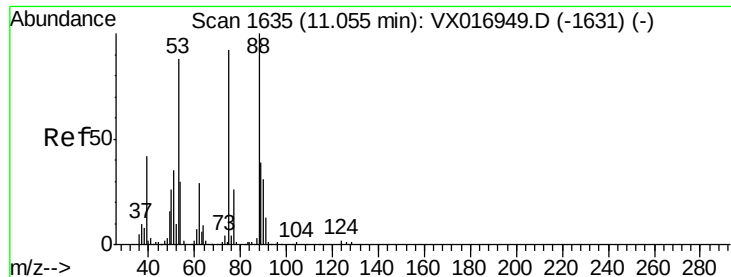
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#76
 1,3,5-Trimethylbenzene
 Concen: 18.248 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	0.0	99.4





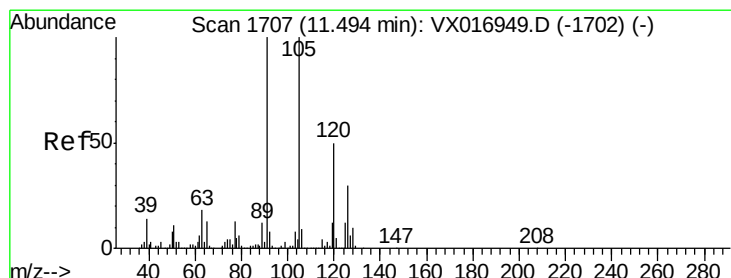
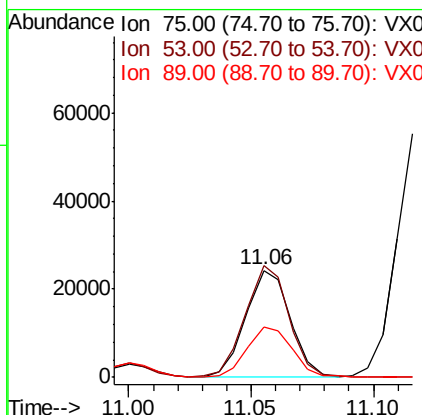
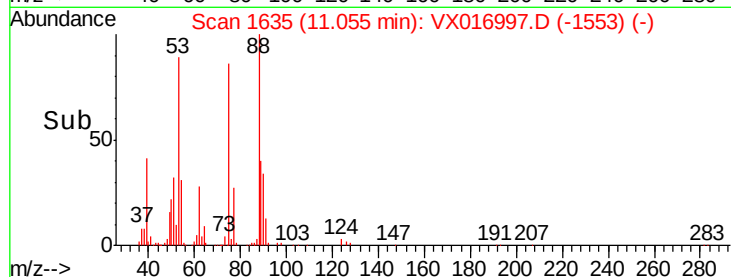
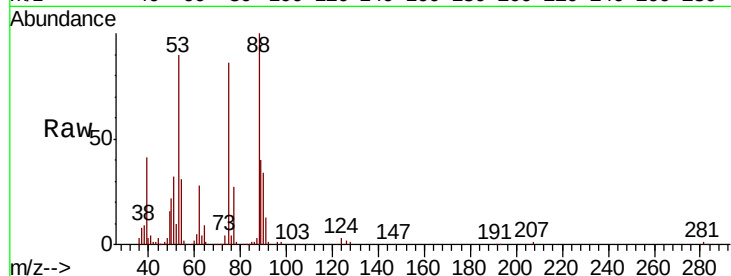
#77
t-1,4-Dichloro-2-butene
Concen: 15.106 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	47.6	142.9
89	45.9	21.1	63.4

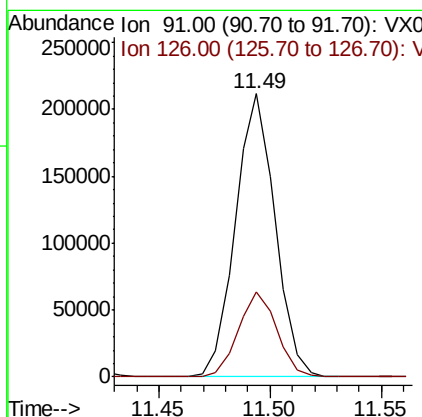
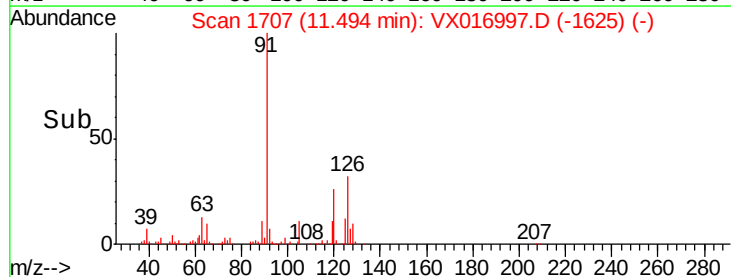
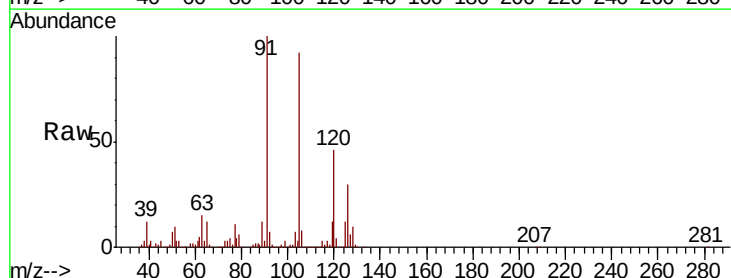
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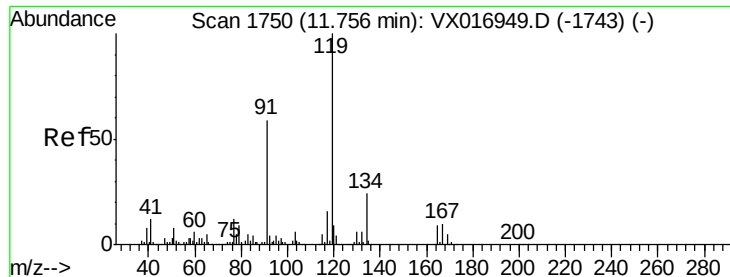
MMDadoda
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#78
4-Chlorotoluene
Concen: 18.474 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	0.0	60.6





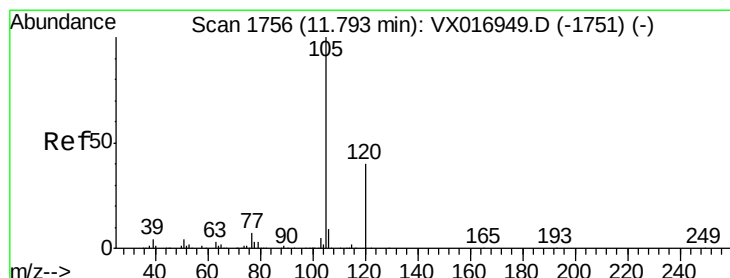
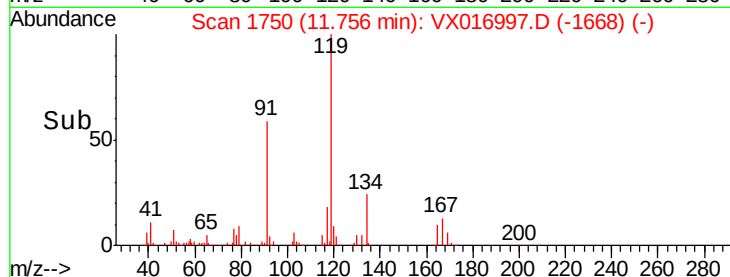
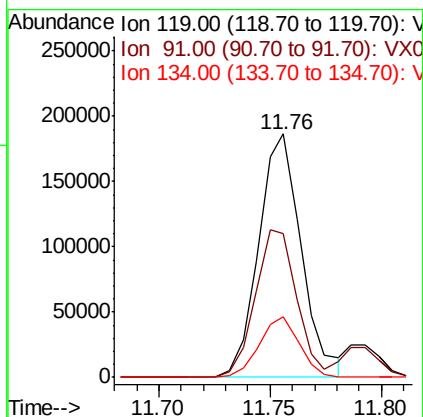
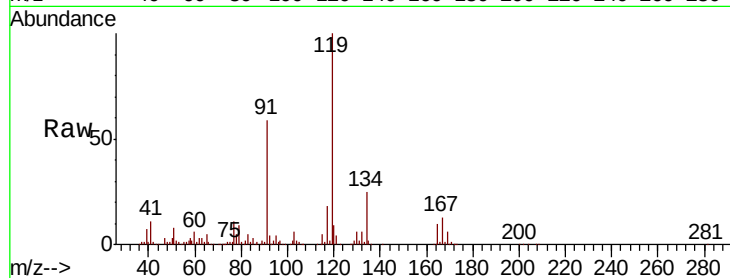
#79
tert-butylbenzene
Concen: 17.938 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	248310		
91	59.0	0.0	115.2	
134	23.3	0.0	45.8	

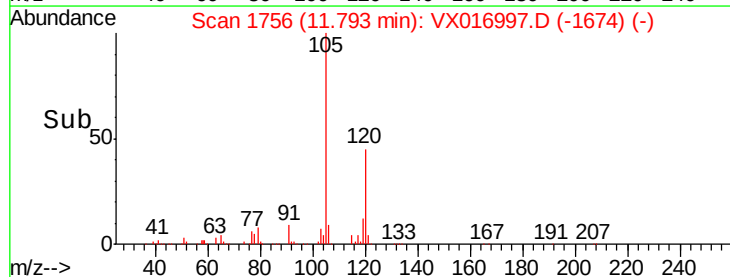
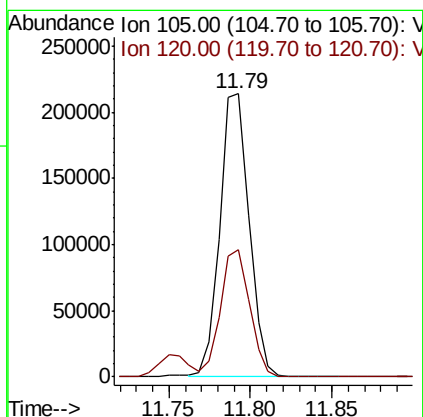
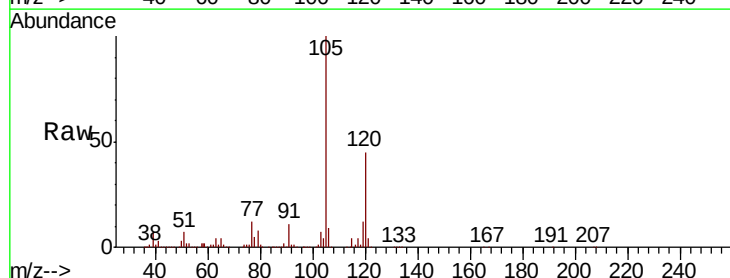
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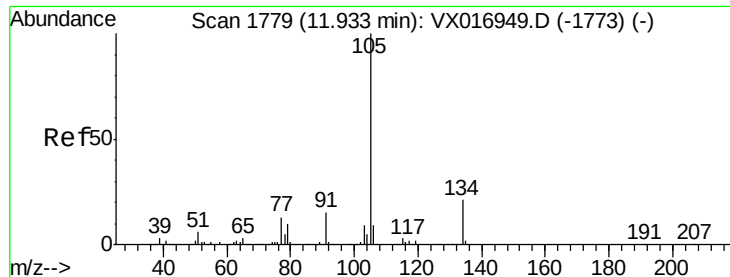
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#80
1,2,4-Trimethylbenzene
Concen: 18.468 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267917		
120	44.8	0.0	89.8	





#81

sec-Butylbenzene

Concen: 18.016 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:105 Resp: 301951

Ion Ratio Lower Upper

105 100

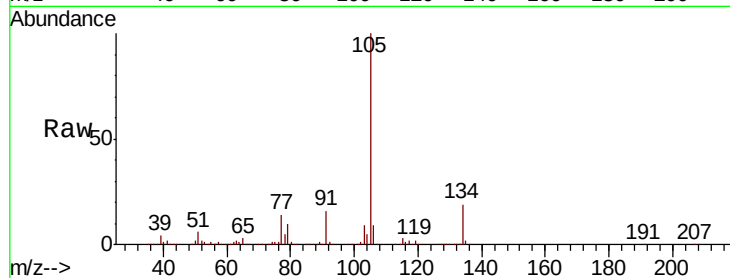
134 19.7 0.0 41.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

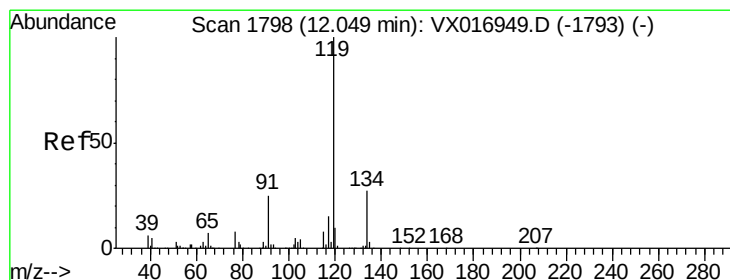
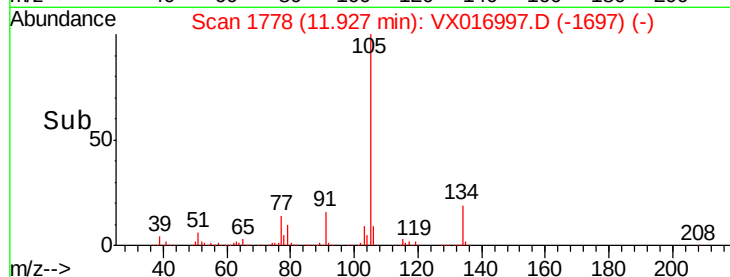
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.121 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

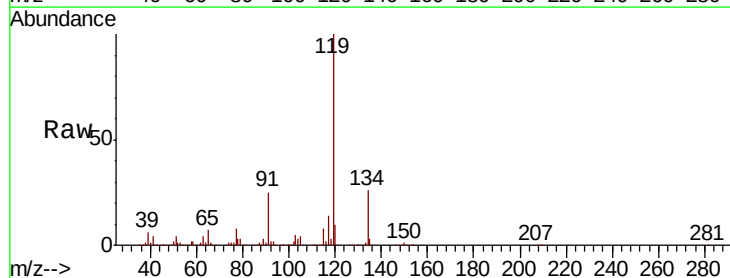
Tgt Ion:119 Resp: 274228

Ion Ratio Lower Upper

119 100

134 25.9 0.0 53.0

91 24.7 0.0 49.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

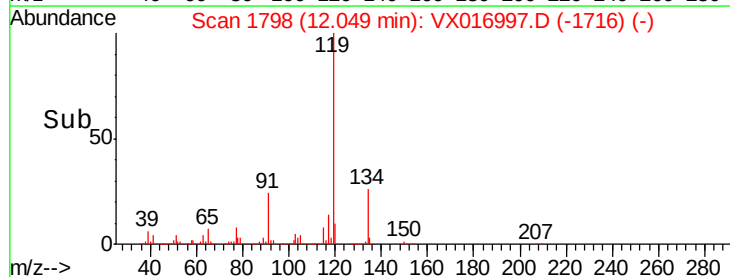
150000

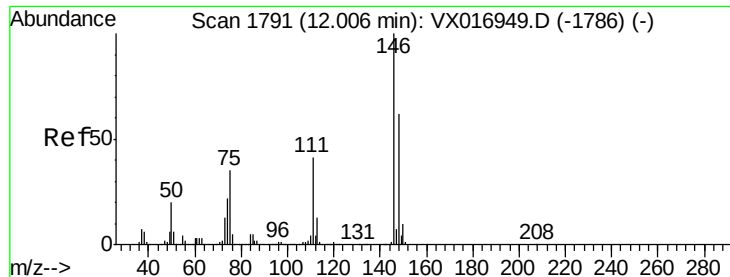
100000

50000

0

Time-->





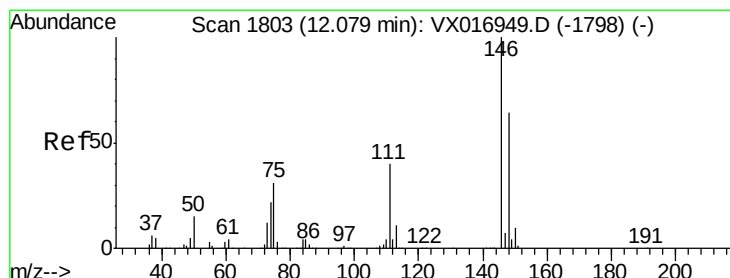
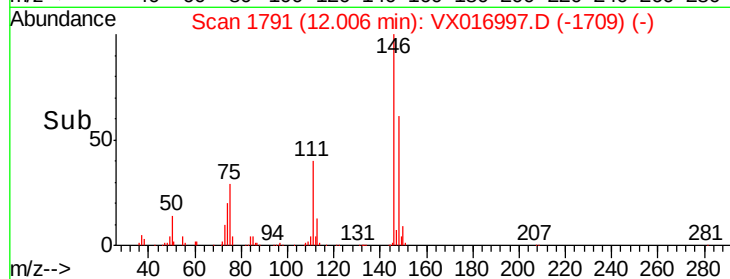
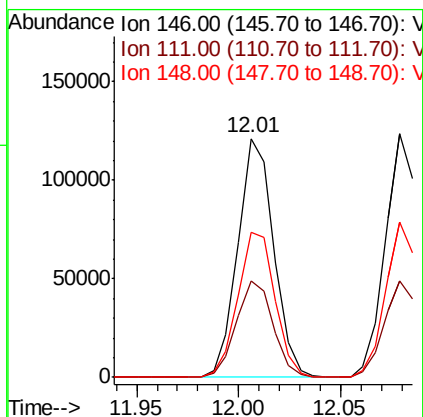
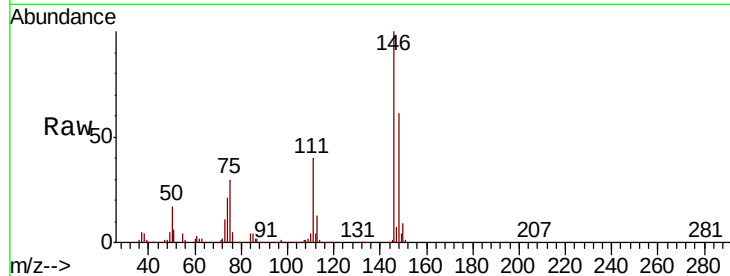
#83
 1,3-Dichlorobenzene
 Concen: 19.020 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.5	58.5
148	63.3	31.8	95.4

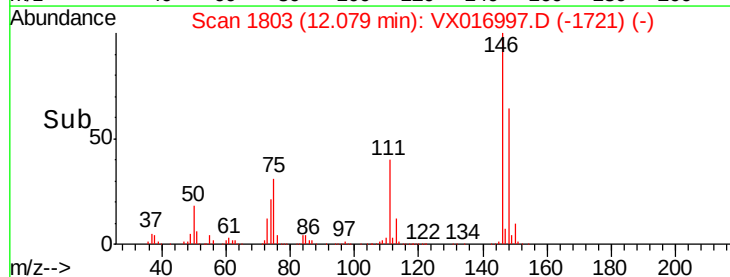
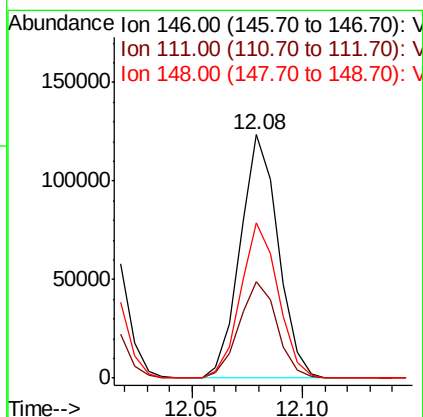
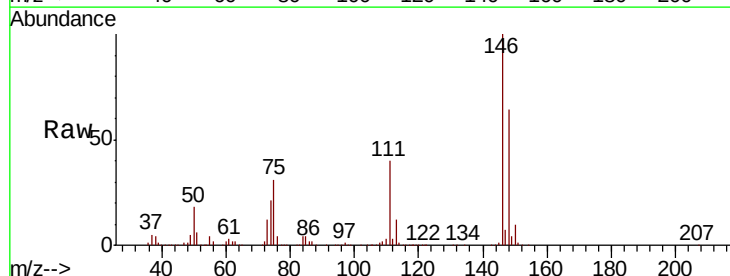
Manual Integrations
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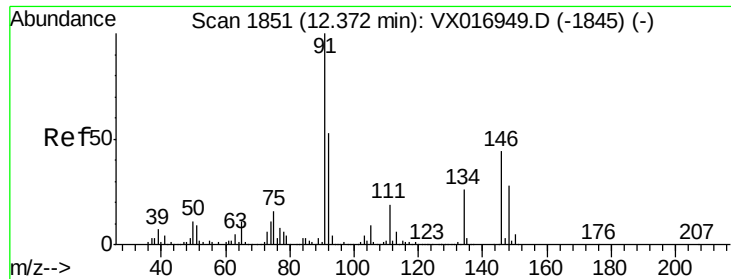
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#84
 1,4-Dichlorobenzene
 Concen: 18.804 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	63.3	32.1	96.3





#85

n-Butylbenzene

Concen: 17.502 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

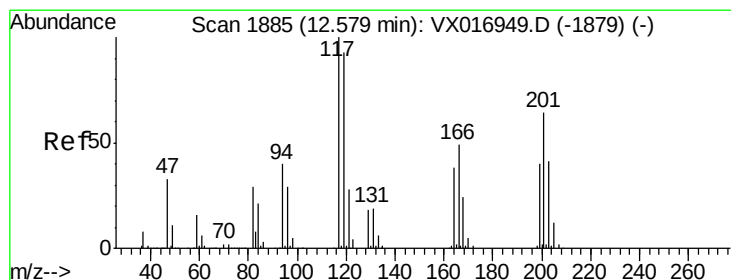
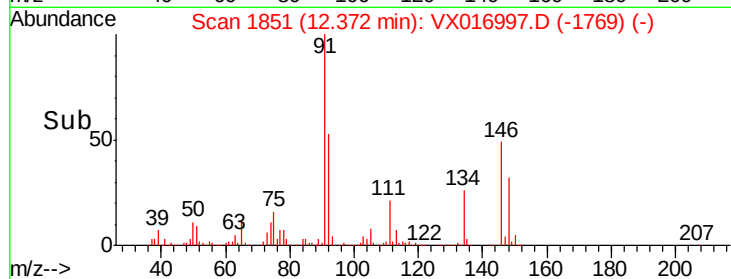
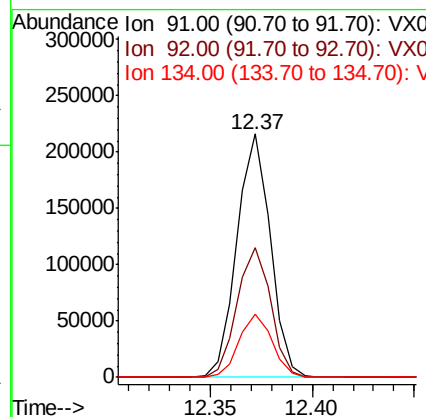
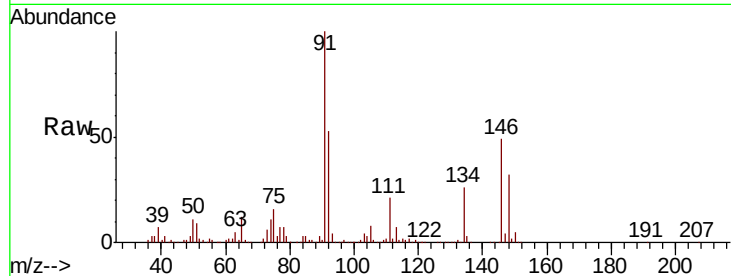
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	245146
Ion Ratio	Lower	Upper	
91	100		
92	53.4	0.0	105.8
134	25.8	0.0	52.2

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#86

Hexachloroethane

Concen: 17.879 ug/l

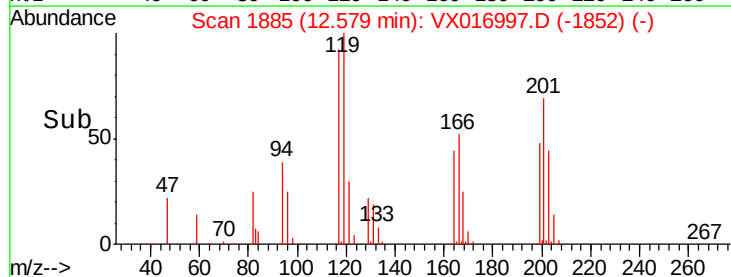
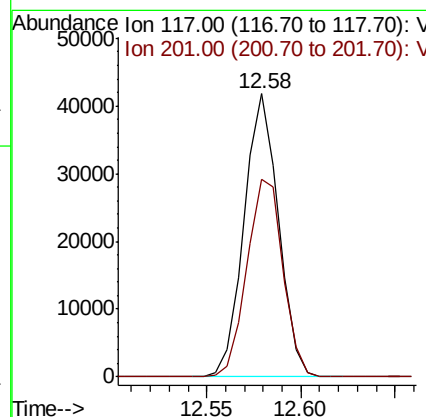
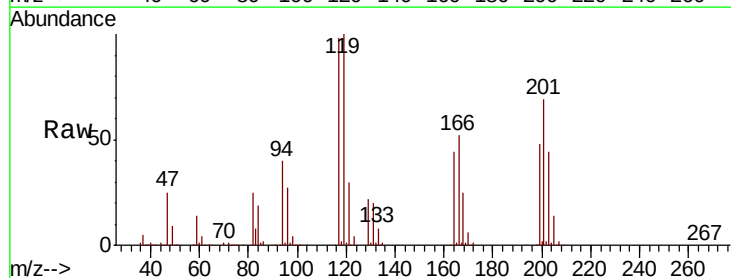
RT: 12.58 min Scan# 1885

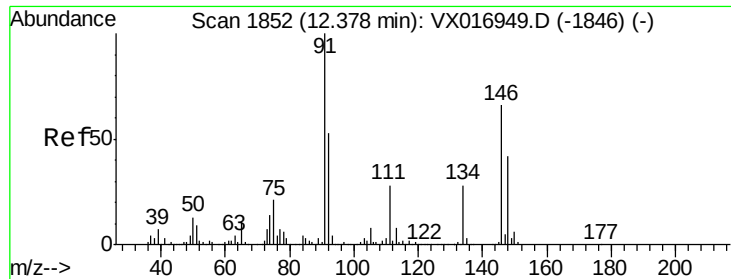
Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	117	Resp:	52949
Ion Ratio	Lower	Upper	
117	100		
201	73.3	34.6	103.9





#87

1,2-Dichlorobenzene

Concen: 18.716 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

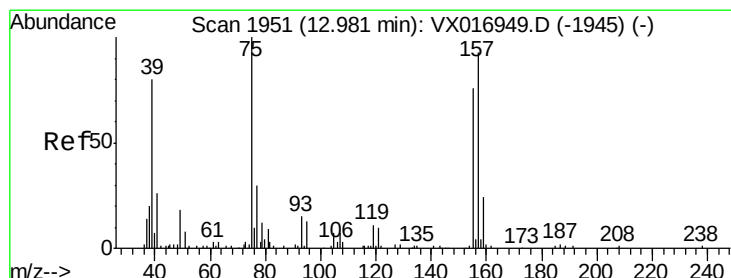
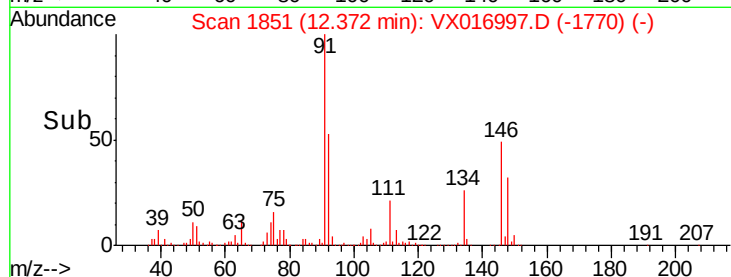
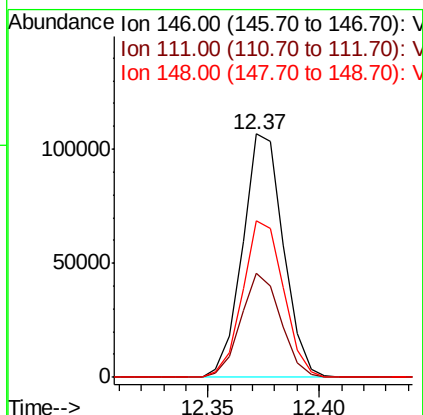
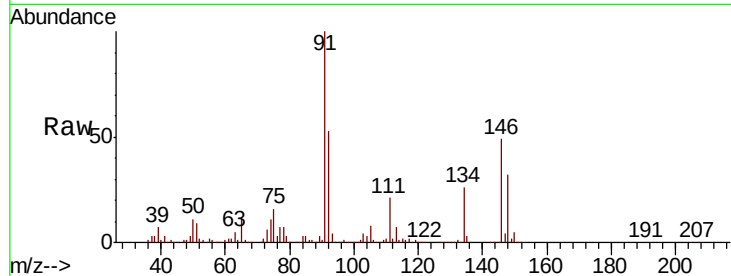
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	136395
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.1	63.1
148	64.4	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.457 ug/l

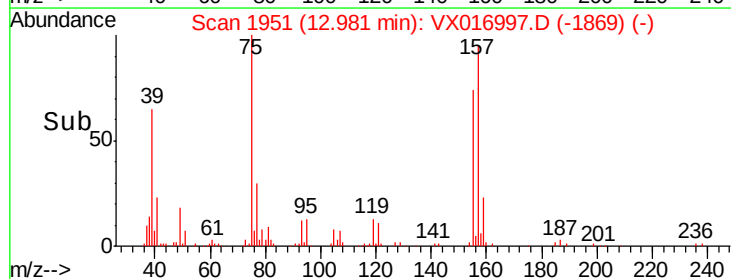
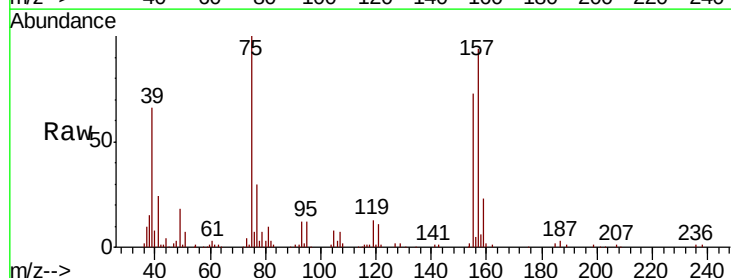
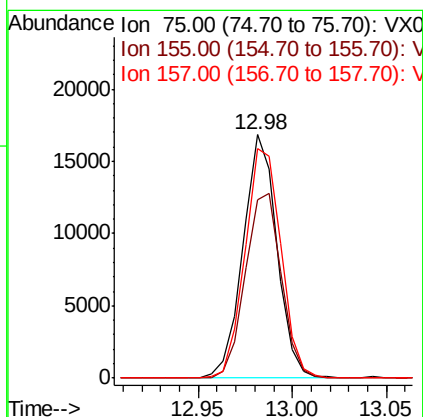
RT: 12.98 min Scan# 1951

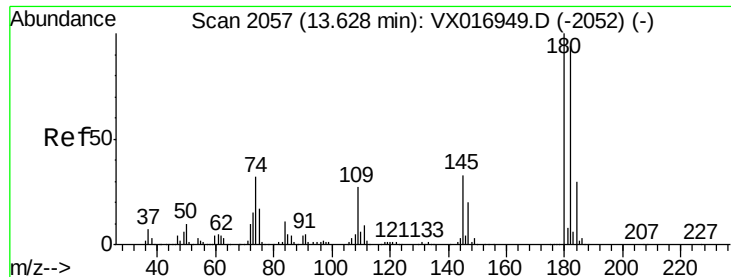
Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:	75	Resp:	20999
Ion Ratio	Lower	Upper	
75	100		
155	80.7	65.0	97.6
157	100.1	83.0	124.4





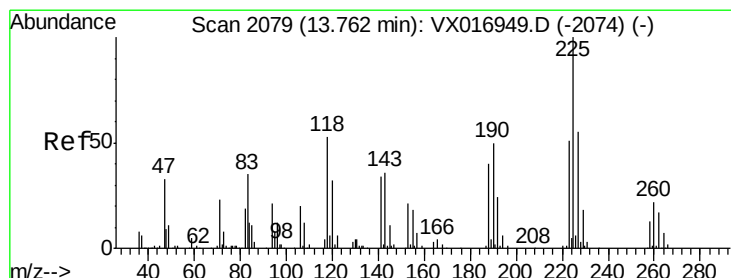
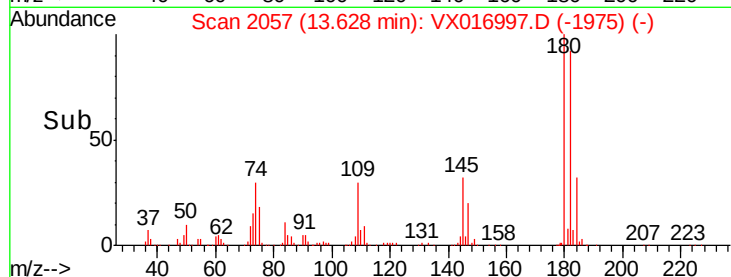
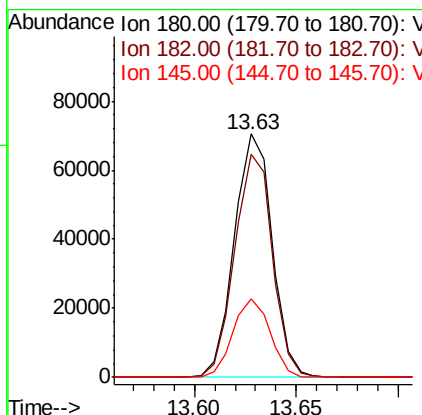
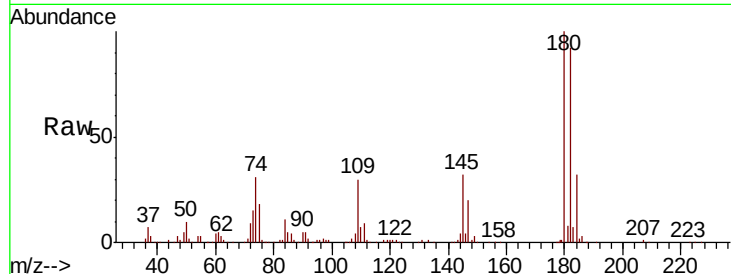
#89
 1,2,4-Trichlorobenzene
 Concen: 18.400 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	180	Resp:	90467
Ion Ratio	Lower	Upper	
180	100		
182	91.6	77.7	116.5
145	31.6	26.2	39.2

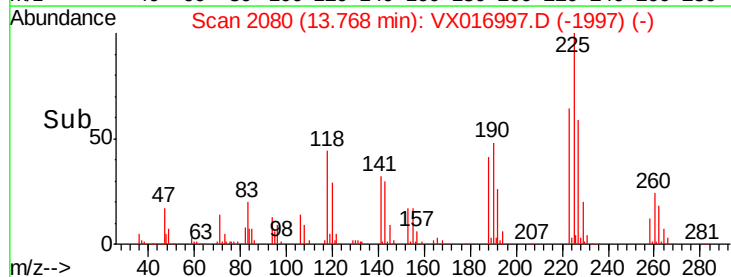
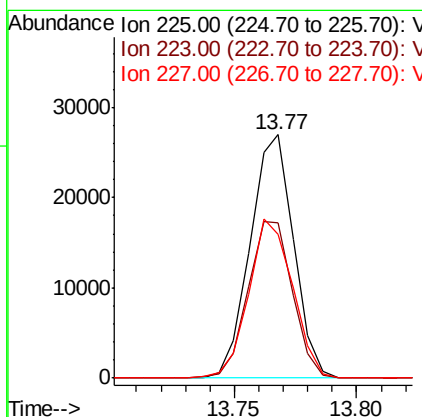
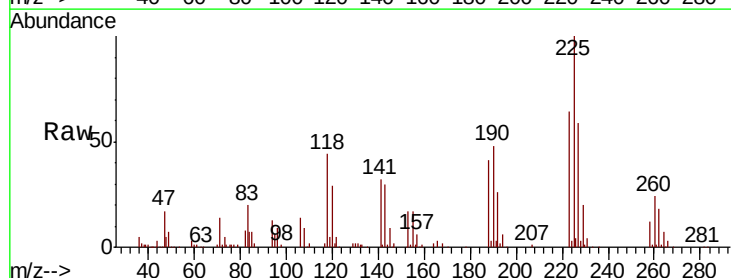
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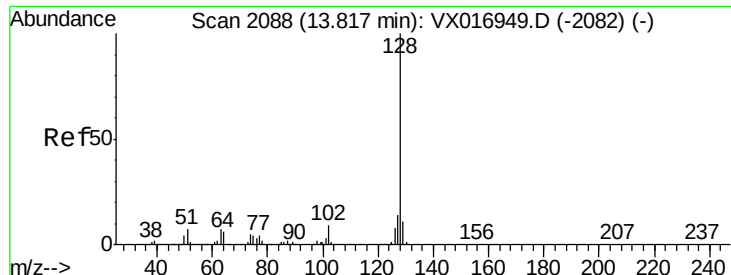
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#90
 Hexachlorobutadiene
 Concen: 17.904 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion:	225	Resp:	33486
Ion Ratio	Lower	Upper	
225	100		
223	65.9	0.0	125.0
227	66.0	0.0	124.0





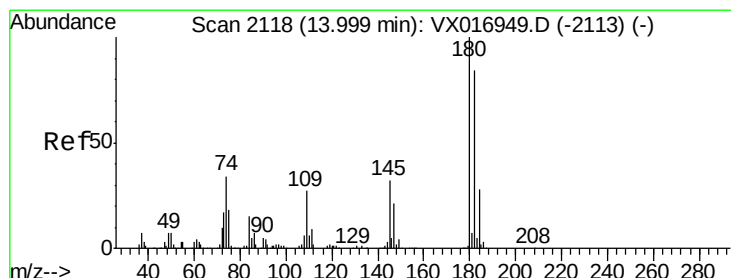
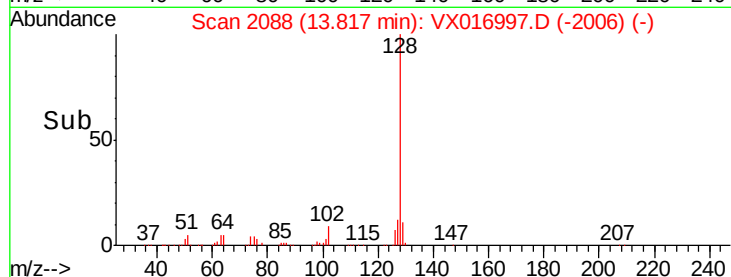
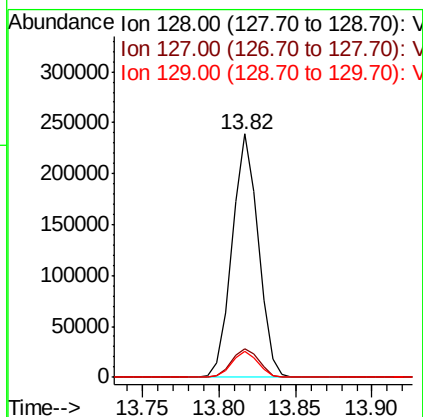
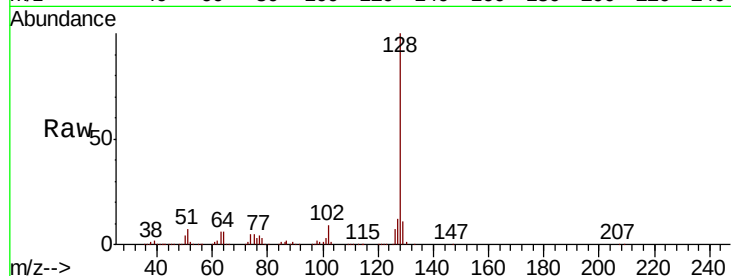
#91
Naphthalene
Concen: 17.583 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	283357		
127	12.6		10.5	15.7
129	10.9		9.0	13.4

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#92
1,2,3-Trichlorobenzene
Concen: 18.924 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90799		
182	90.3		0.0	184.8
145	33.8		0.0	68.0

