

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\
 Data File : VX016949.D
 Acq On : 25 Jun 2020 13:01
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 3:33:44 PM

Quant Time: Jun 26 08:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	39098	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	212896	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	197672	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91814	30.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.12	95	96426	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.70	98	262246	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	32818	17.261	ug/l 100
3) Chloromethane	1.32	50	50959	19.765	ug/l 100
4) Vinyl Chloride	1.39	62	50882	19.352	ug/l 100
5) Bromomethane	1.64	94	39316	20.767	ug/l 100
6) Chloroethane	1.72	64	32765	19.322	ug/l 100
7) Trichlorofluoromethane	1.92	101	81438	19.045	ug/l 100
8) Diethyl Ether	2.17	74	29861	19.192	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43217	19.043	ug/l 100
10) 1,1-Dichloroethene	2.36	96	43188	19.295	ug/l 100
11) Methyl Iodide	2.50	142	49957	16.716	ug/l 100
12) Methyl Acetate	2.75	43	54314	19.238	ug/l 100
13) Acrolein	2.27	56	41633	93.452	ug/l 100
14) Acrylonitrile	3.12	53	131386	98.254	ug/l 100
15) Acetone	2.42	58	33493	96.785	ug/l 100
16) Carbon Disulfide	2.55	76	134717	19.146	ug/l 100
17) Allyl chloride	2.71	41	82912	19.788	ug/l 100
18) Methylene Chloride	2.84	84	51699	19.177	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	48427	19.096	ug/l 100
20) Diisopropyl ether	3.82	45	160969	19.223	ug/l 100
21) 1,1-Dichloroethane	3.67	63	89632	19.412	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	54415	19.272	ug/l 100
23) tert-Butyl Alcohol	3.01	59	57674	367.950	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	154293	19.306	ug/l 100
25) Chloroform	5.18	83	90398	19.310	ug/l 100
26) Cyclohexane	5.55	56	78005	19.366	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	66462	19.163	ug/l 100
30) 2-Butanone	4.64	43	178477	98.729	ug/l 100
31) 2,2-Dichloropropane	4.55	77	77768	19.552	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	80947	19.289	ug/l 100
33) Carbon Tetrachloride	5.76	117	71830	19.301	ug/l 100
34) Benzene	6.11	78	196786	19.487	ug/l 100
35) Methacrylonitrile	5.01	41	39060	19.578	ug/l 100
36) 1,2-Dichloroethane	6.17	62	74884	19.362	ug/l 100
37) Trichloroethene	7.19	130	54033	19.609	ug/l 100
38) Methylcyclohexane	7.44	83	74054	18.750	ug/l 100
39) 1,2-Dichloropropane	7.49	63	50387	19.152	ug/l 100
40) Dibromomethane	7.63	93	35130	19.374	ug/l 100

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Manual Integrations
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Quant Time: Jun 26 08:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	73255	19.510	ug/l	100
42) Vinyl Acetate	3.79	43	706512	96.983	ug/l	100
43) Ethyl Acetate	4.79	43	73220	19.604	ug/l	100
44) Isopropyl Acetate	6.42	43	118348	19.175	ug/l	100
45) 1,4-Dioxane	7.71	88	24797	398.234	ug/l	100
46) Methyl methacrylate	7.74	41	55122	19.298	ug/l	100
47) n-amyl Acetate	10.88	43	100394	18.402	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	77060	18.562	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	84306	19.323	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	48263	19.072	ug/l	100
51) Ethyl methacrylate	9.16	69	73573	18.944	ug/l	100
52) 1,3-Dichloropropane	9.35	76	86605	19.934	ug/l	100
53) Dibromochloromethane	9.56	129	54809	18.844	ug/l	100
54) 1,2-Dibromoethane	9.65	107	51082	19.023	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	196361	96.081	ug/l	100
56) Bromoform	10.84	173	37732	18.275	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	355529	97.641	ug/l	100
59) 2-Hexanone	9.47	43	264628	97.381	ug/l	100
61) Tetrachloroethene	9.32	164	48006	19.043	ug/l	100
62) Toluene	8.76	91	209706	19.396	ug/l	100
64) Chlorobenzene	10.12	112	128402	18.957	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	49140	19.271	ug/l	100
66) Ethyl Benzene	10.24	91	228759	19.080	ug/l	100
67) m/p-Xylenes	10.34	106	171008	37.809	ug/l	100
68) o-Xylene	10.68	106	82901	19.081	ug/l	100
69) Styrene	10.70	104	137608	18.498	ug/l	100
70) Isopropylbenzene	11.00	105	220499	18.712	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	68128	18.825	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	67918m	19.543	ug/l	100
73) Bromobenzene	11.24	156	56940	19.146	ug/l	100
74) n-propylbenzene	11.34	91	261011	18.655	ug/l	100
75) 2-Chlorotoluene	11.40	91	150662	18.466	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	184437	18.647	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	25794	18.314	ug/l	100
78) 4-Chlorotoluene	11.49	91	179139	18.544	ug/l	100
79) tert-butylbenzene	11.76	119	177301	18.712	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	186817	18.813	ug/l	100
81) sec-Butylbenzene	11.93	105	213174	18.582	ug/l	100
82) p-Isopropyltoluene	12.05	119	192863	18.619	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	100295	18.819	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	100551	18.778	ug/l	100
85) n-Butylbenzene	12.37	91	176667	18.426	ug/l	100
86) Hexachloroethane	12.58	117	38042	18.766	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	94467	18.937	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15759	19.139	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	60952	18.111	ug/l	100
90) Hexachlorobutadiene	13.76	225	23083	18.030	ug/l	100
91) Naphthalene	13.82	128	207301	18.792	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	60708	18.484	ug/l	100

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ClientSampleId :
VSTDICCC020

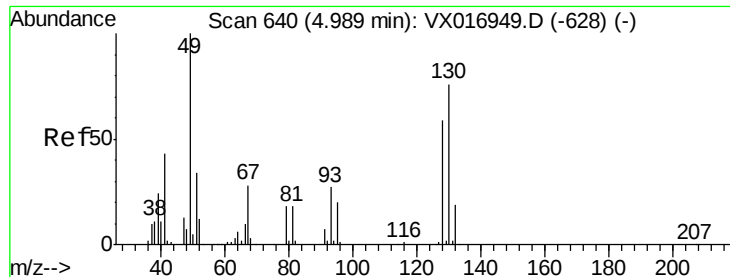
Manual Integrations
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6/26/2020 3:33:44 PM

Quant Time: Jun 26 08:57:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
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QLast Update : Fri Jun 26 08:49:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

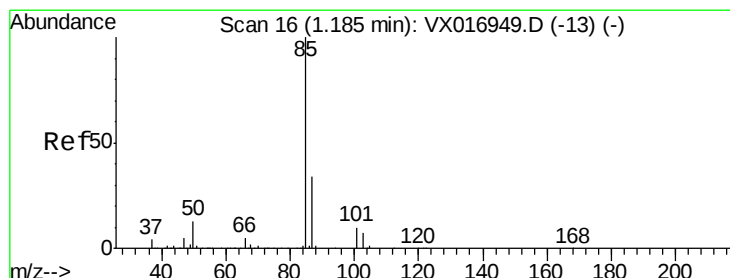
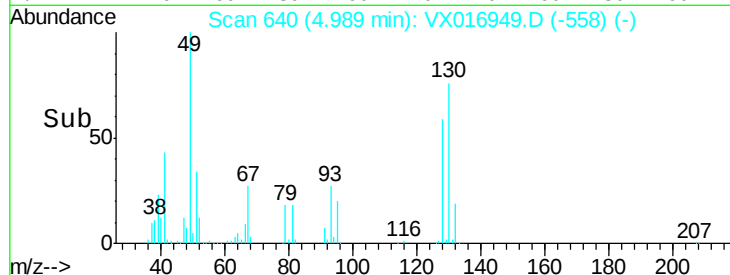
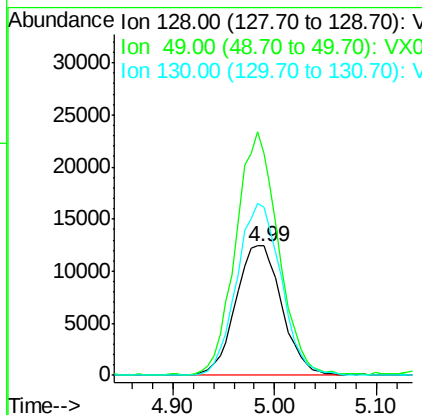
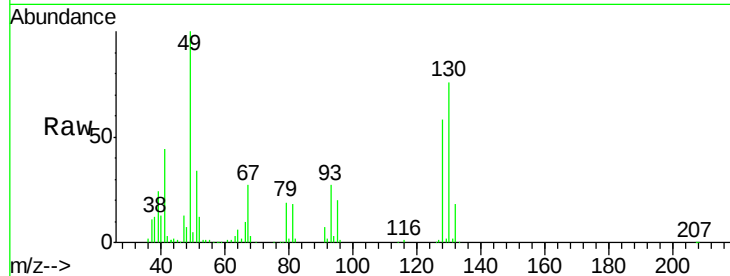
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	171.2	0.0	428.0
130	127.2	0.0	318.0

Manual Integrations
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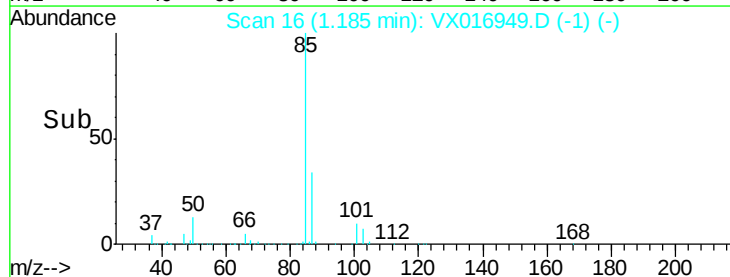
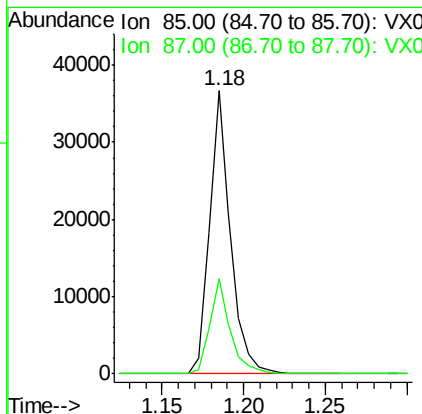
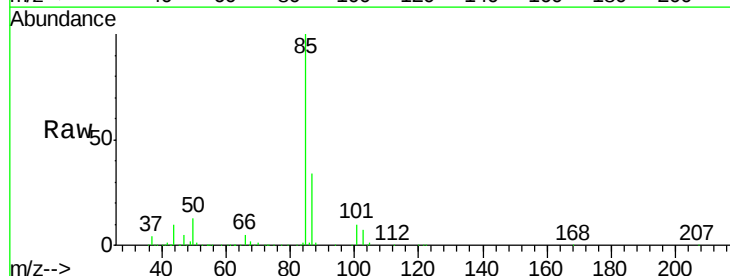
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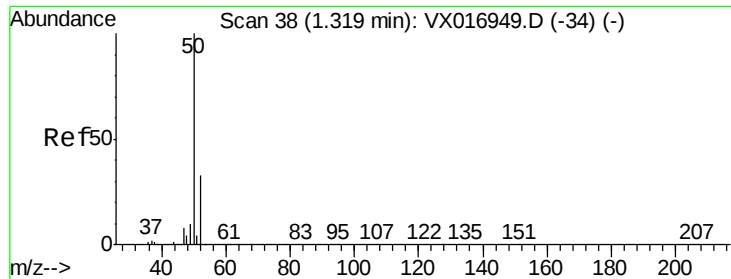


#2

Dichlorodifluoromethane
Concen: 17.261 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.9	50.7





#3

Chloromethane

Concen: 19.765 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 50959

Ion Ratio Lower Upper

50 100

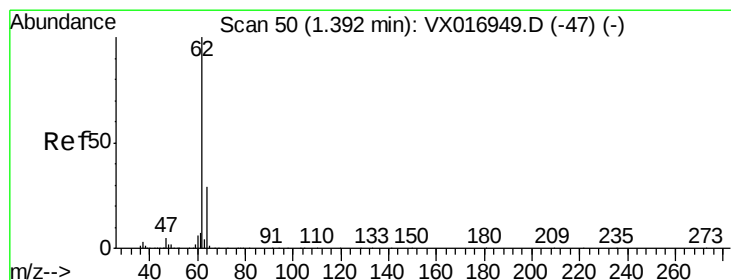
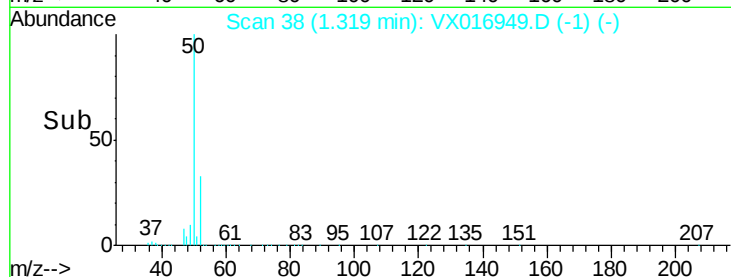
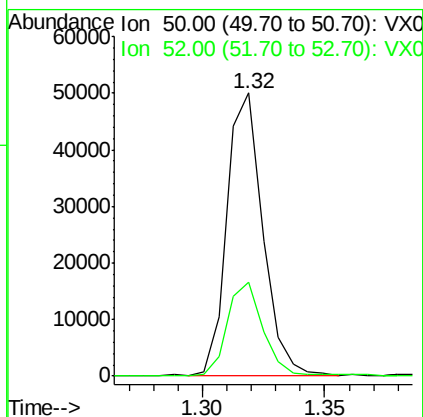
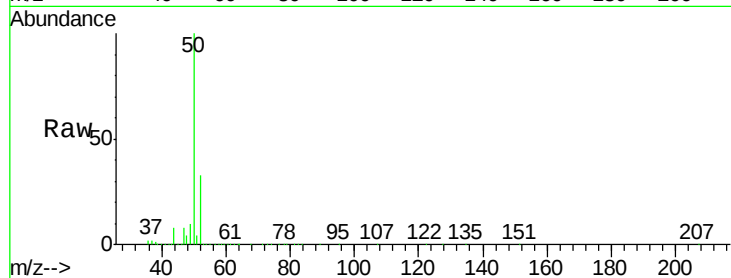
52 33.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.352 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016949.D

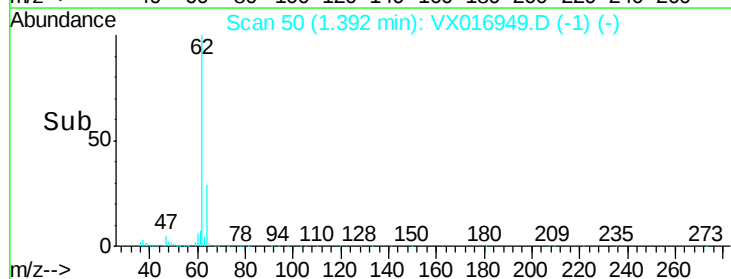
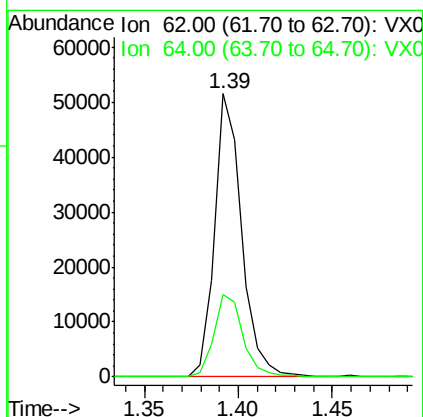
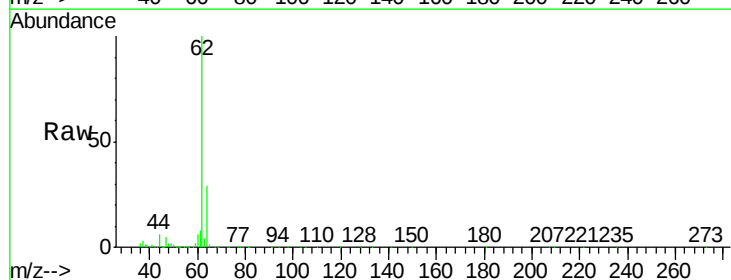
Acq: 25 Jun 2020 13:01

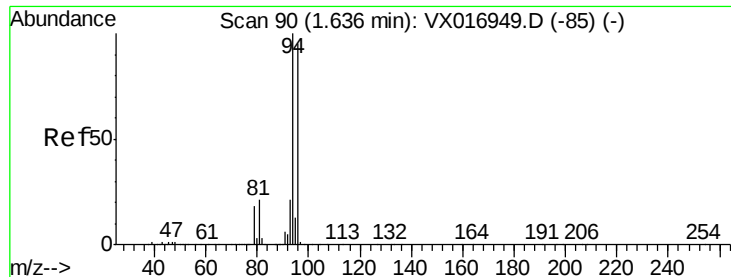
Tgt Ion: 62 Resp: 50882

Ion Ratio Lower Upper

62 100

64 29.2 23.4 35.0





#5

Bromomethane

Concen: 20.767 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 39316

Ion Ratio Lower Upper

94 100

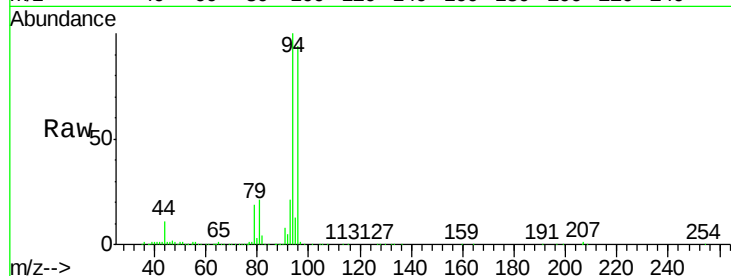
96 94.4 75.5 113.3

Manual Integrations

APPROVED

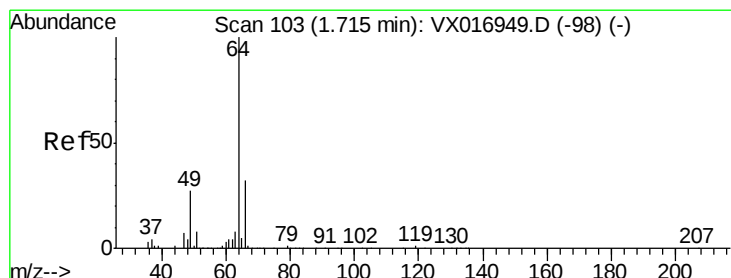
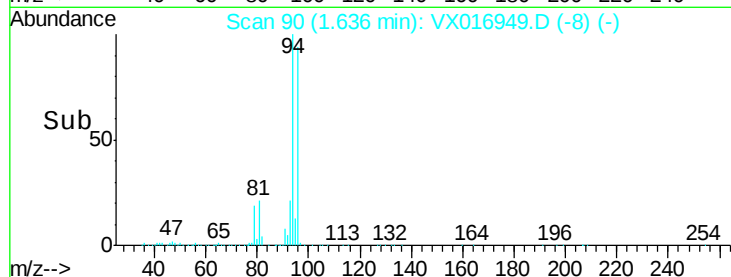
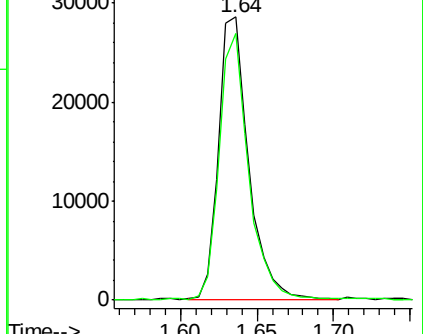
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.322 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016949.D

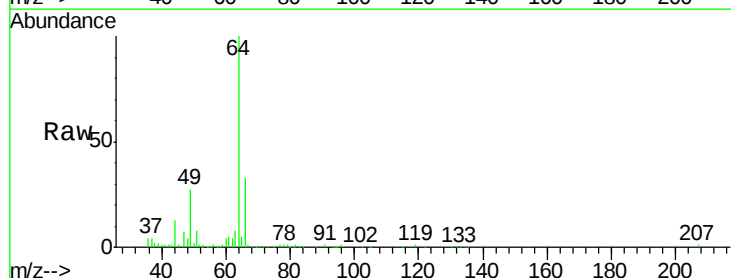
Acq: 25 Jun 2020 13:01

Tgt Ion: 64 Resp: 32765

Ion Ratio Lower Upper

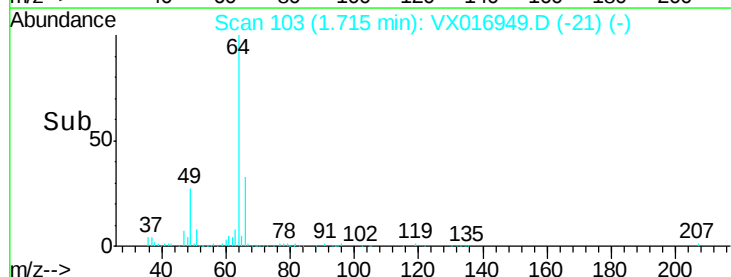
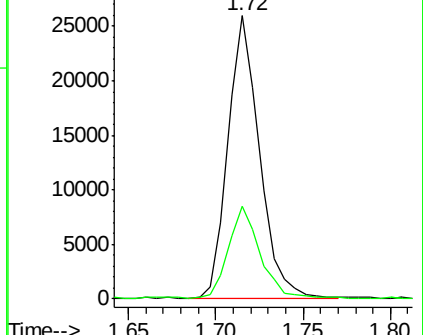
64 100

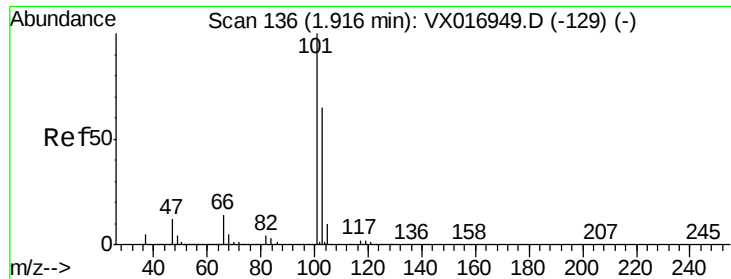
66 32.6 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

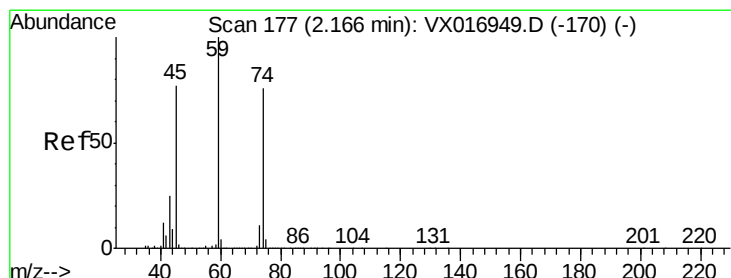
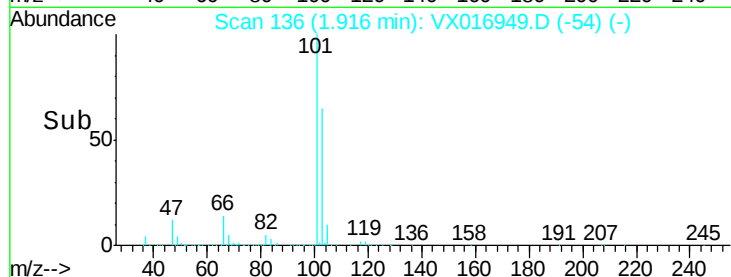
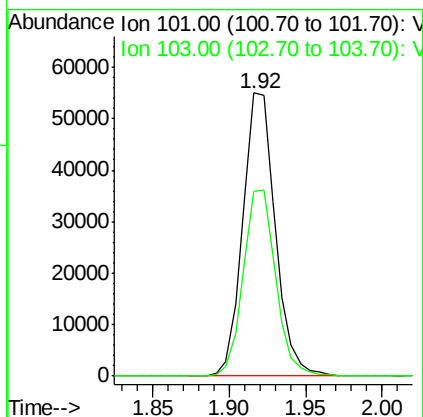
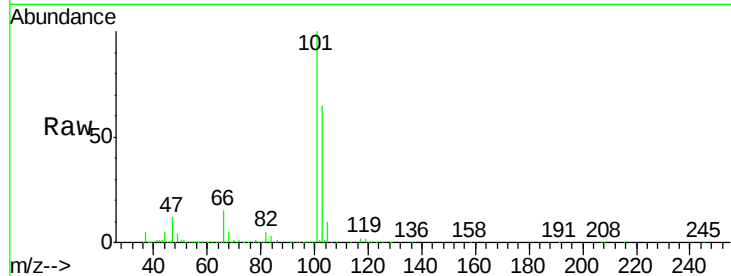
Trichlorofluoromethane
Concen: 19.045 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

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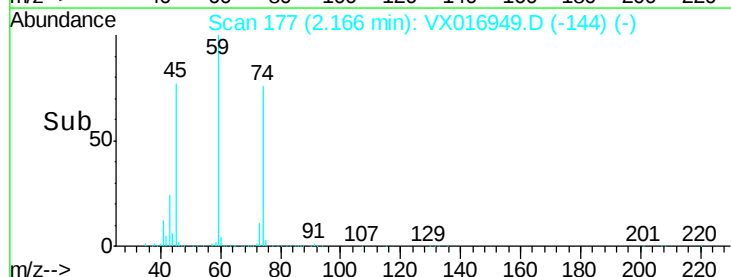
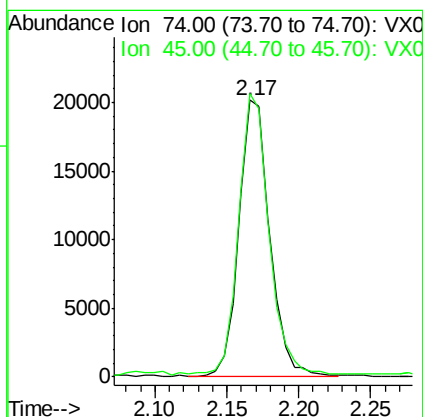
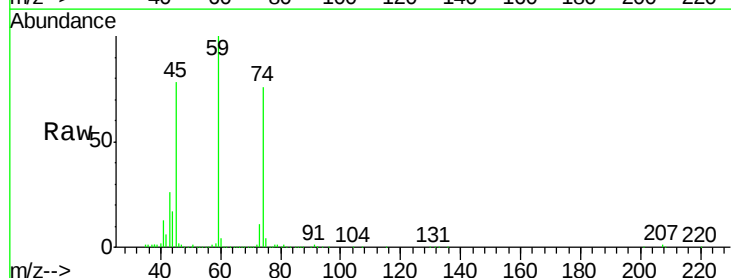
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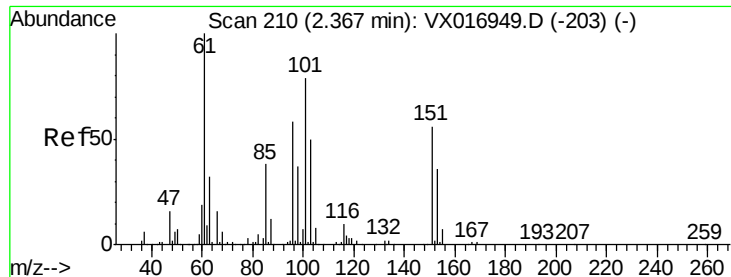


#8

Diethyl Ether
Concen: 19.192 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.043 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016949.D

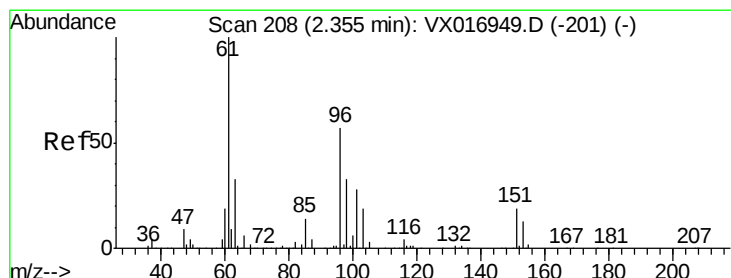
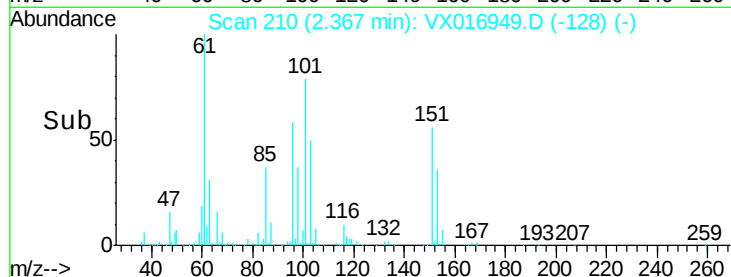
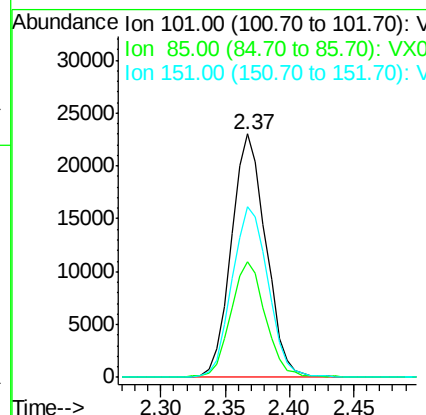
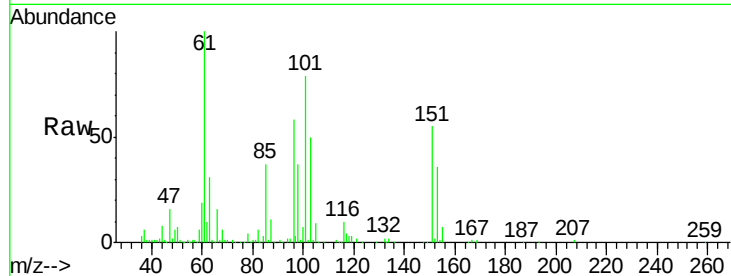
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	43217		
85	47.3	0.0	94.6	
151	72.9	0.0	145.8	

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 19.295 ug/l

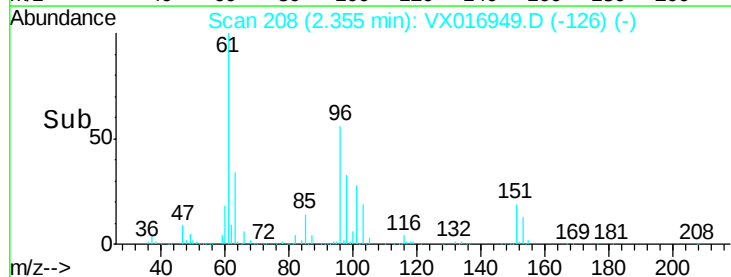
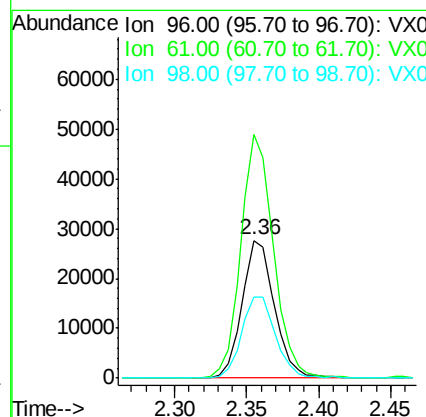
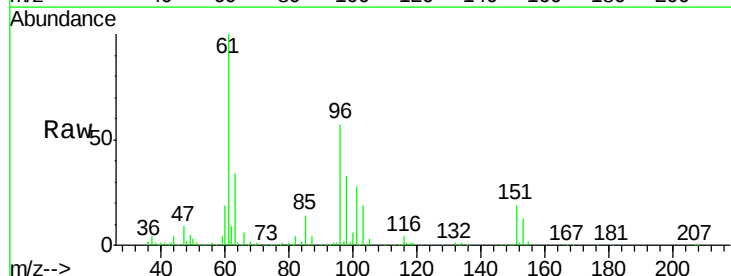
RT: 2.36 min Scan# 208

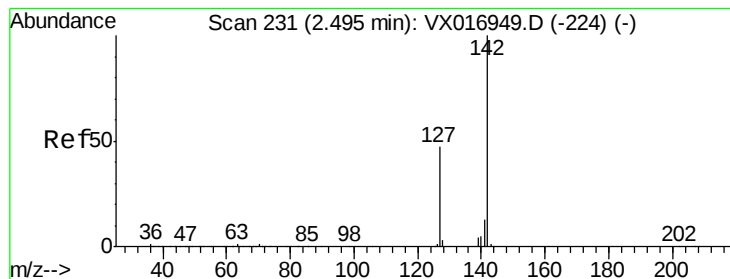
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	43188		
61	176.6	141.3	211.9	
98	58.7	47.0	70.4	





#11

Methyl Iodide

Concen: 16.716 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

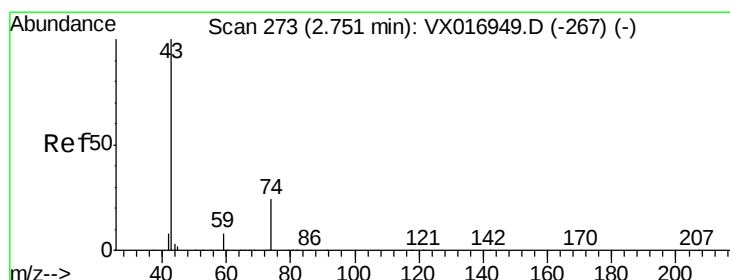
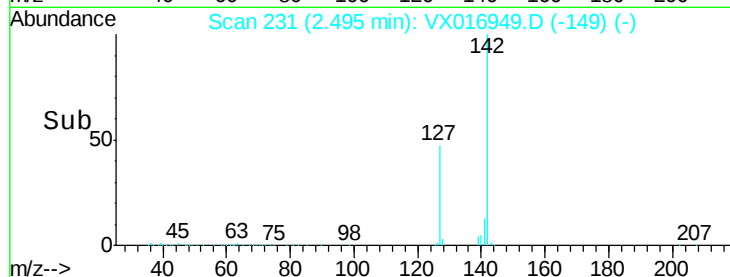
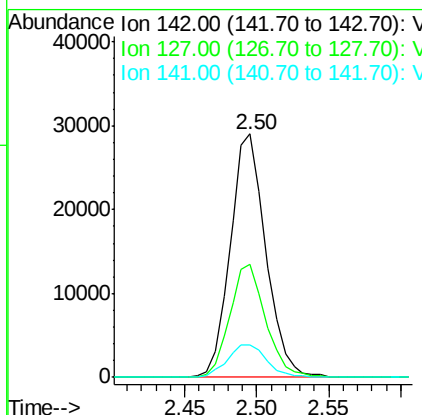
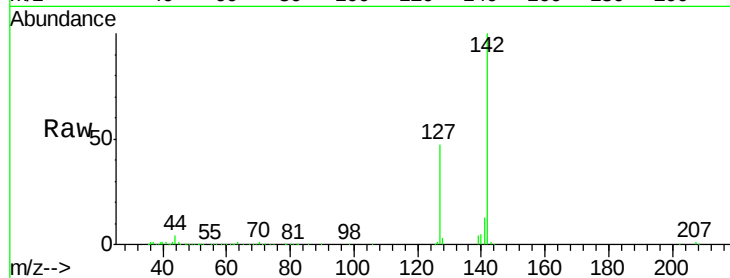
ClientSampleId :

VSTDICCC020

Tot Ion:	142	Resp:	49957
Ion Ratio	Lower	Upper	
142	100		
127	46.6	23.3	69.9
141	13.4	6.7	20.1

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#12

Methyl Acetate

Concen: 19.238 ug/l

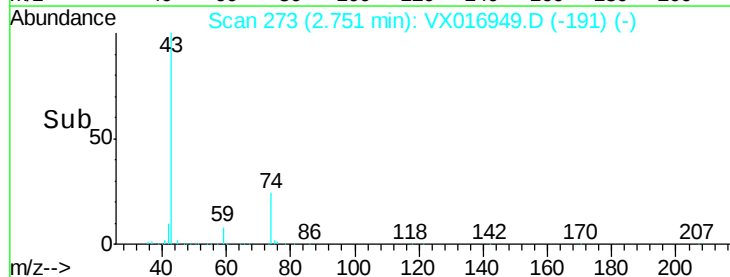
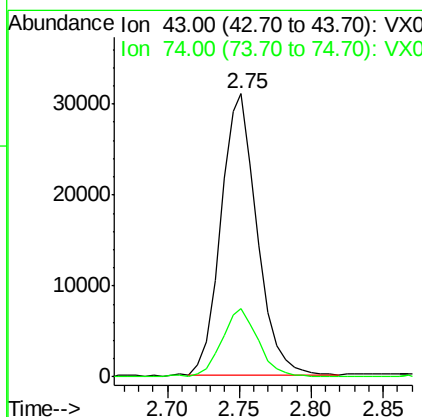
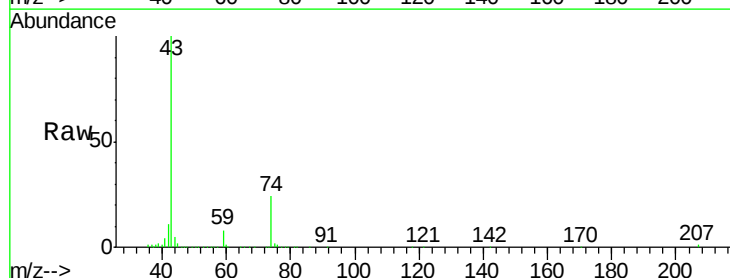
RT: 2.75 min Scan# 273

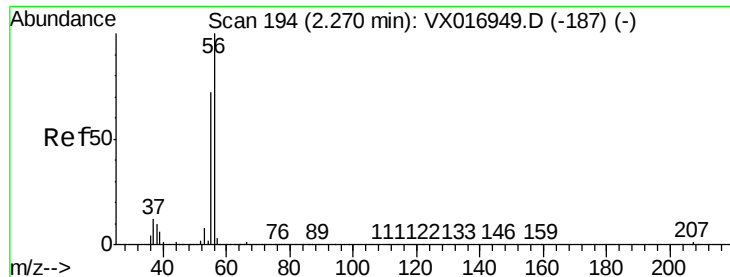
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	43	Resp:	54314
Ion Ratio	Lower	Upper	
43	100		
74	23.9	19.1	28.7





#13

Acrolein

Concen: 93.452 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 41633

Ion Ratio Lower Upper

56 100

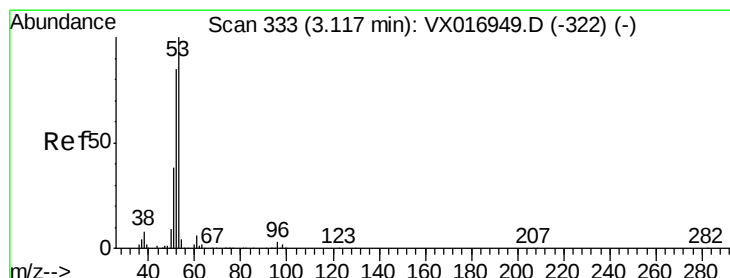
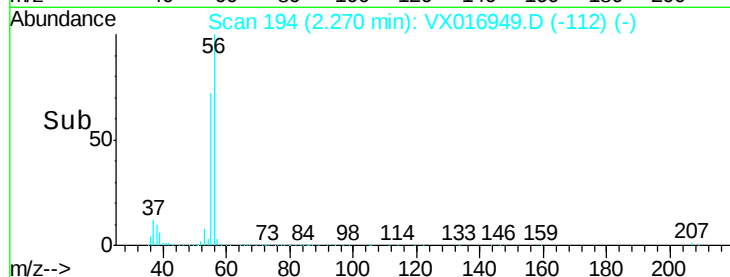
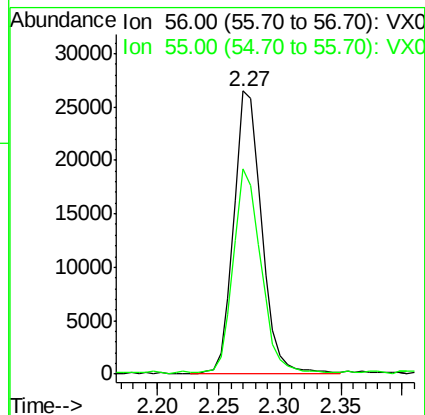
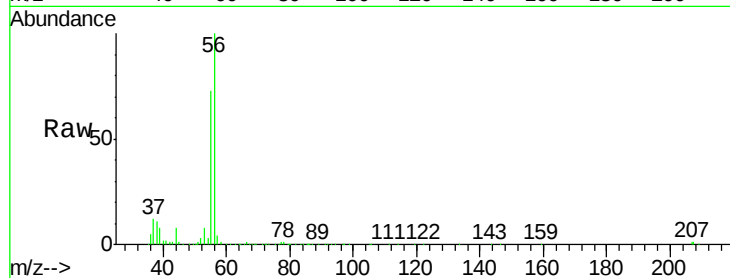
55 70.3 56.2 84.4

Manual Integrations

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#14

Acrylonitrile

Concen: 98.254 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

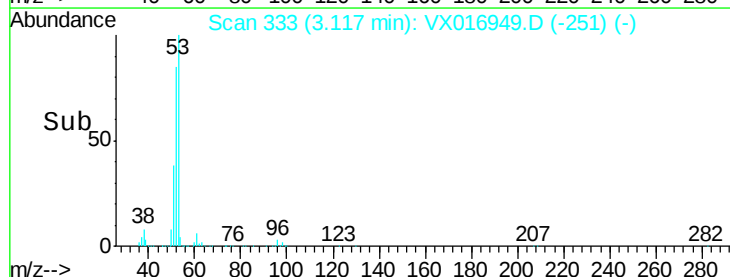
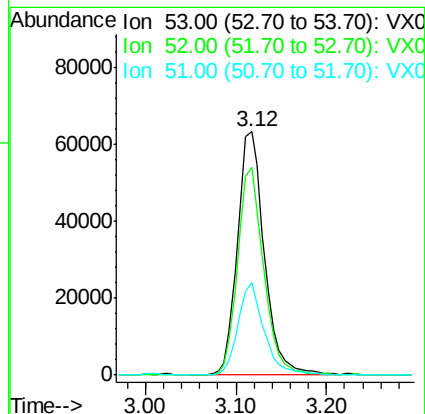
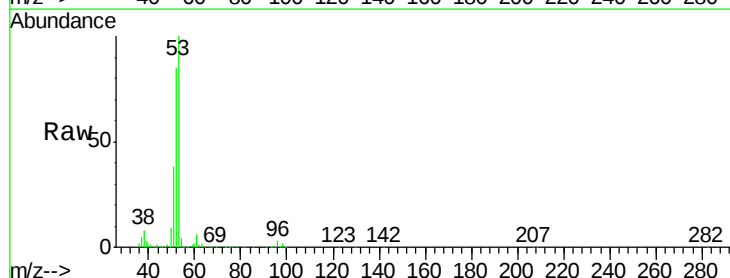
Tgt Ion: 53 Resp: 131386

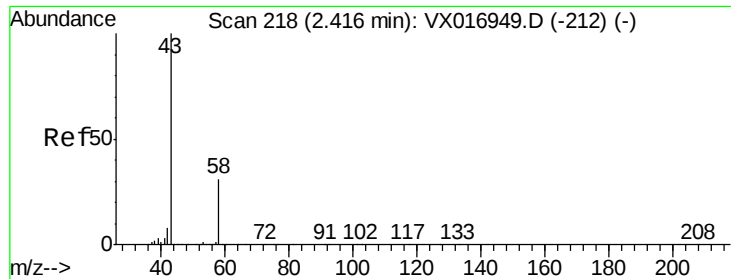
Ion Ratio Lower Upper

53 100

52 81.2 40.6 121.8

51 36.9 18.4 55.4





#15

Acetone

Concen: 96.785 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 33493

Ion Ratio Lower Upper

58 100

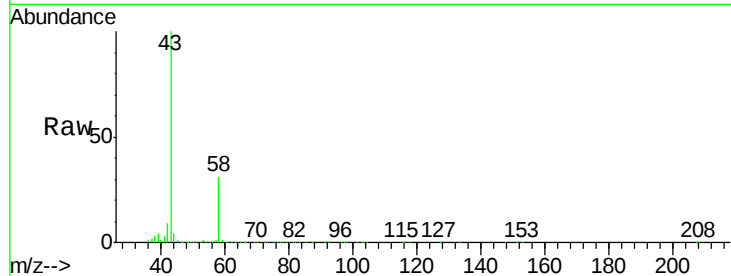
43 322.0 257.6 386.4

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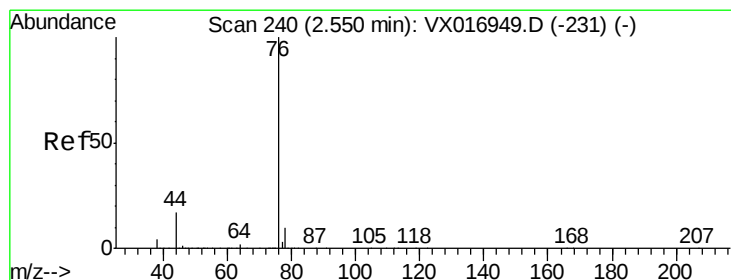
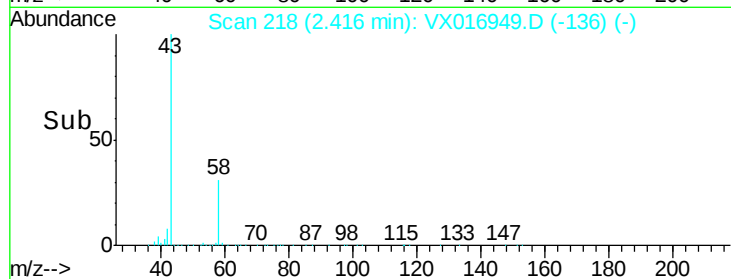
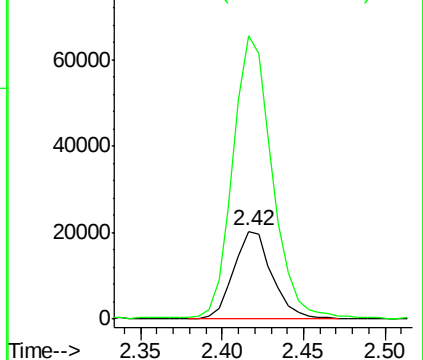
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.146 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016949.D

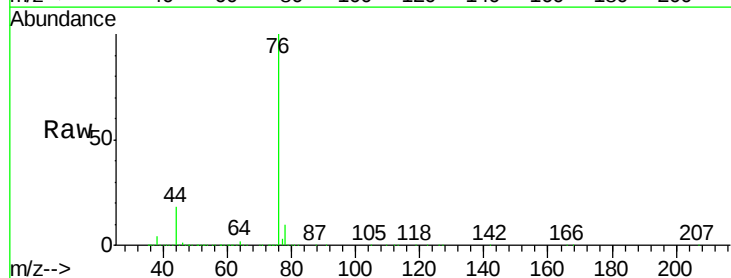
Acq: 25 Jun 2020 13:01

Tgt Ion: 76 Resp: 134717

Ion Ratio Lower Upper

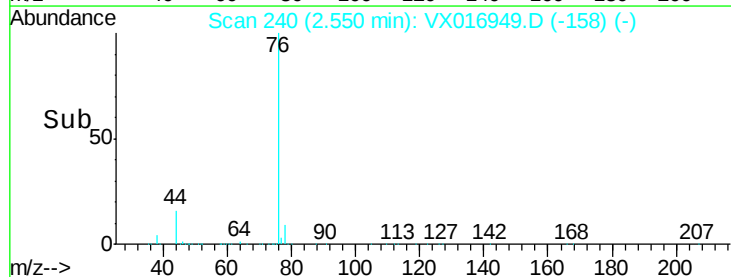
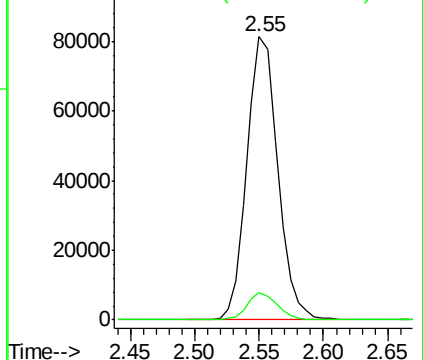
76 100

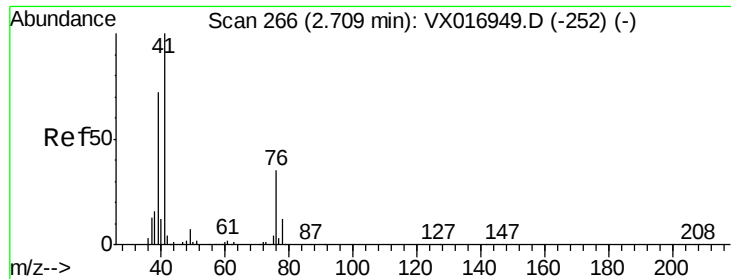
78 9.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 19.788 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

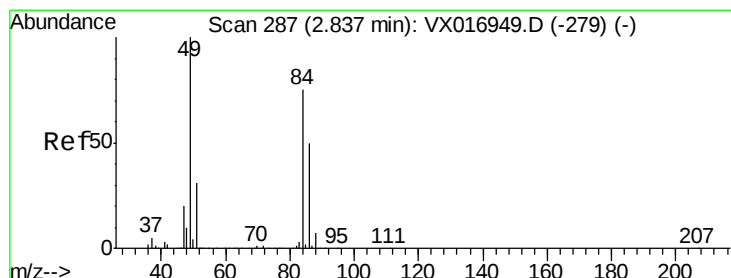
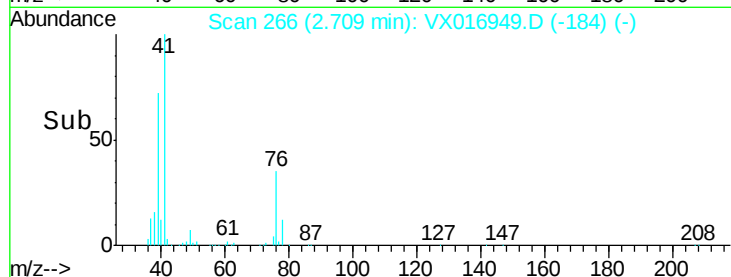
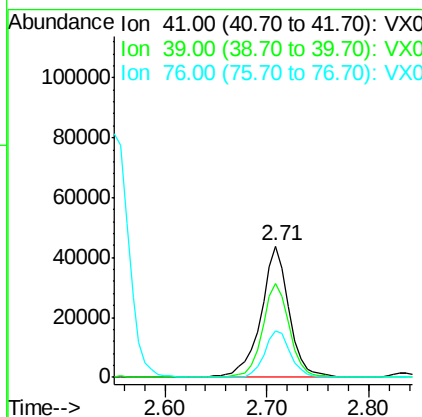
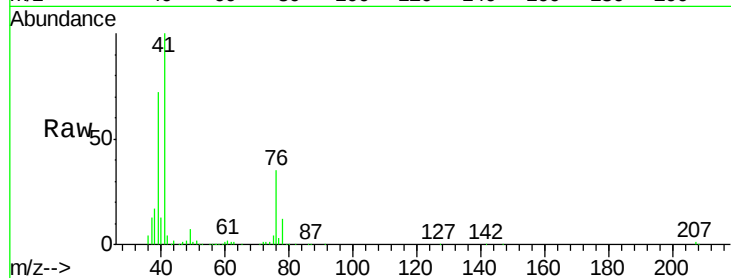
ClientSampleId :

VSTDICCC020

Tot Ion:	41	Resp:	82912
Ion	Ratio	Lower	Upper
41	100		
39	71.9	35.9	107.8
76	35.2	17.6	52.8

Manual Integrations
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#18

Methylene Chloride

Concen: 19.177 ug/l

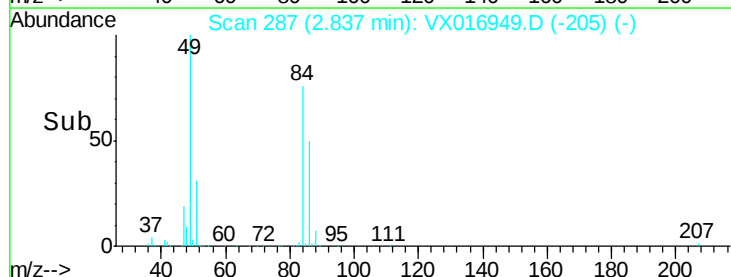
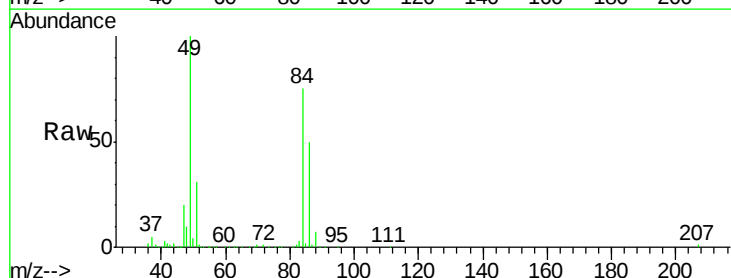
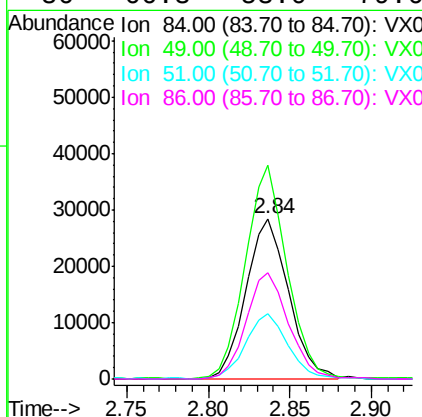
RT: 2.84 min Scan# 287

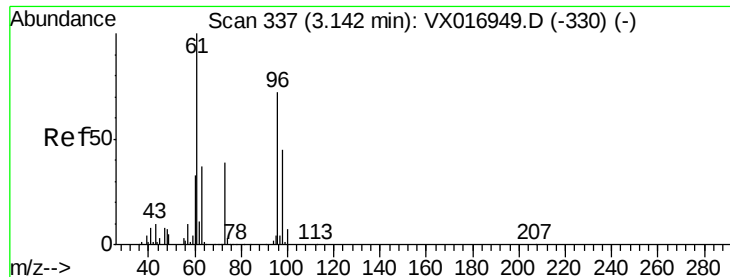
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	84	Resp:	51699
Ion	Ratio	Lower	Upper
84	100		
49	133.2	106.6	159.8
51	40.9	32.7	49.1
86	66.3	53.0	79.6





#19

trans-1,2-Dichloroethene

Concen: 19.096 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

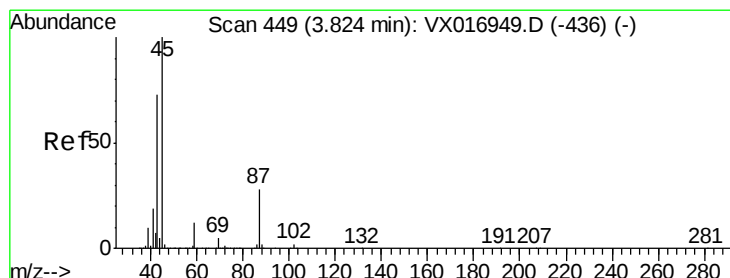
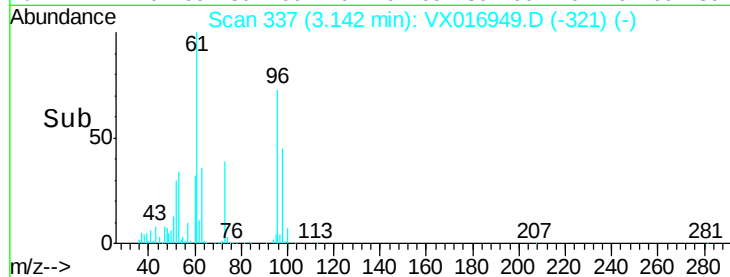
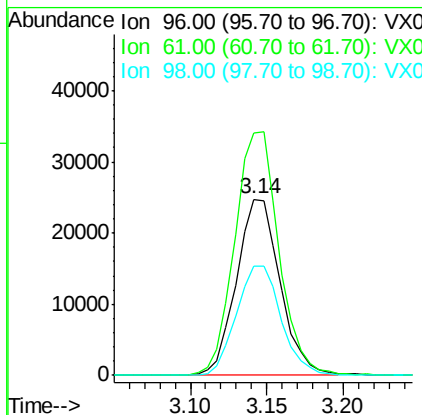
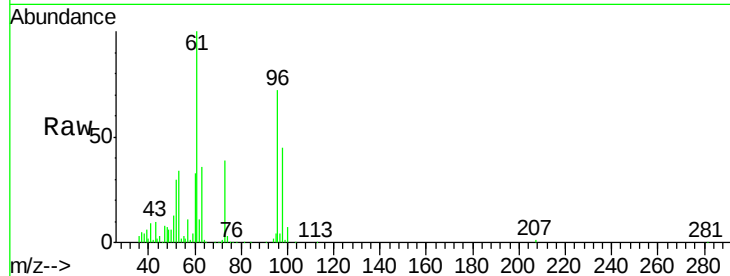
ClientSampleId :

VSTDICCC020

Tot Ion:	96	Resp:	48427
Ion	Ratio	Lower	Upper
96	100		
61	138.2	110.6	165.8
98	62.2	49.8	74.6

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#20

Diisopropyl ether

Concen: 19.223 ug/l

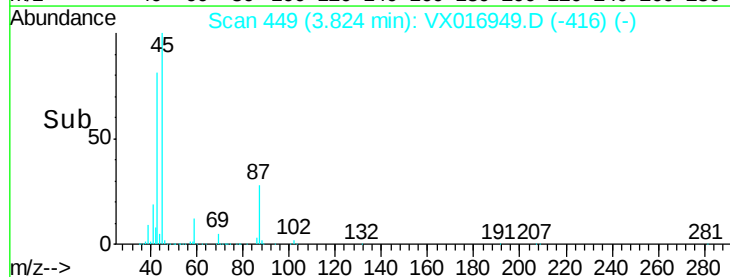
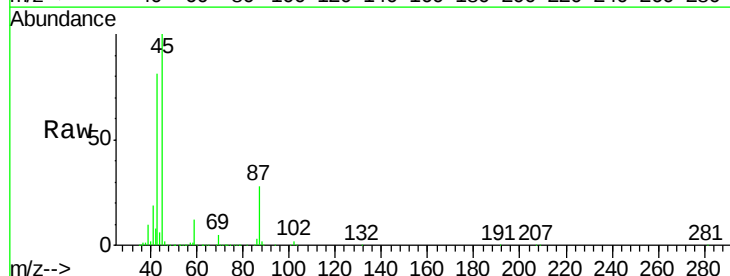
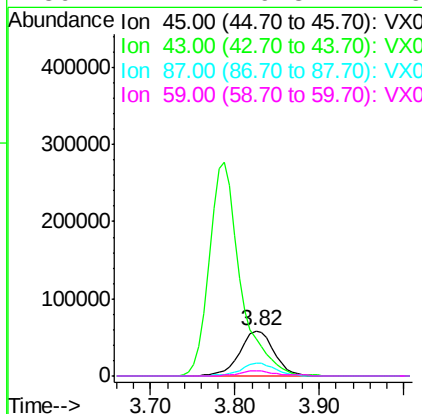
RT: 3.82 min Scan# 449

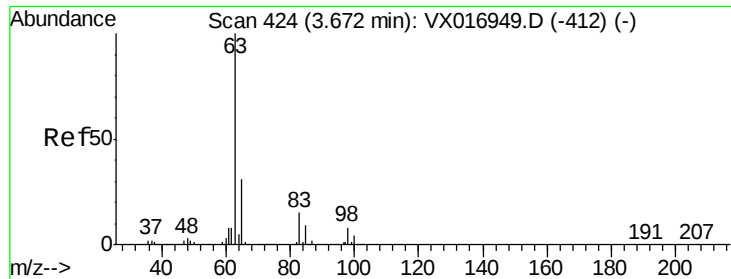
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	45	Resp:	160969
Ion	Ratio	Lower	Upper
45	100		
43	79.9	63.9	95.9
87	27.8	22.2	33.4
59	12.2	9.8	14.6





#21

1,1-Dichloroethane

Concen: 19.412 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

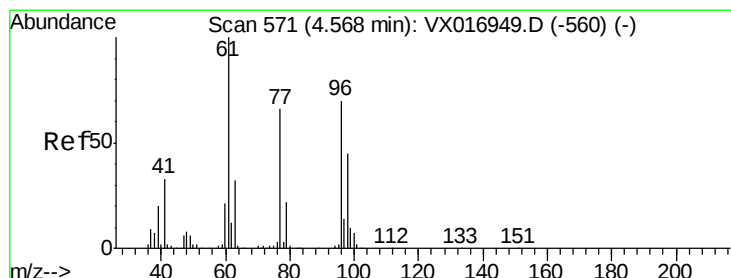
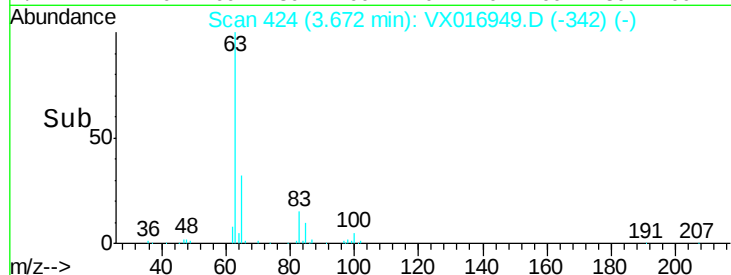
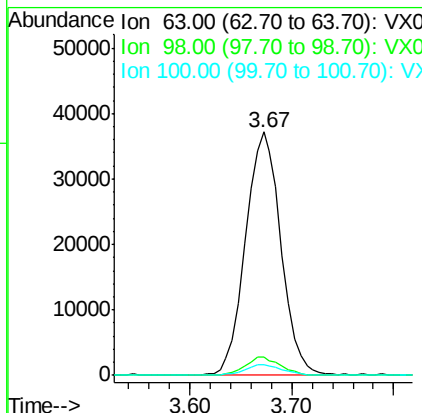
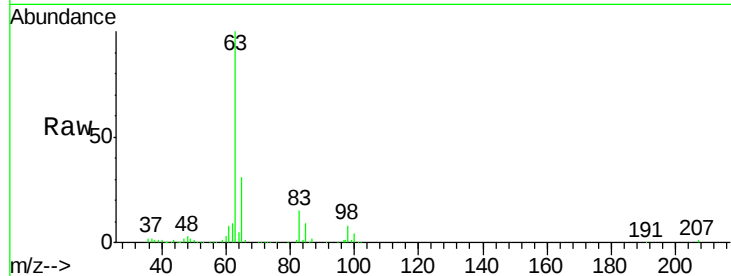
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	89632
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.8	11.4
100	4.4	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.272 ug/l

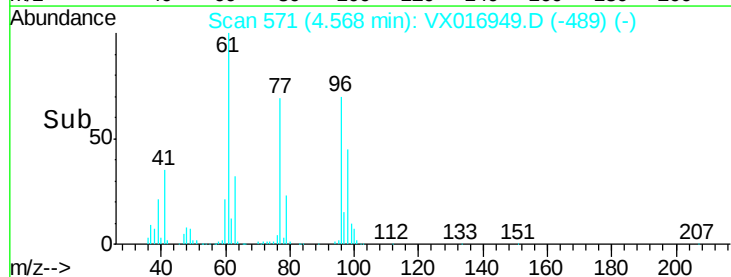
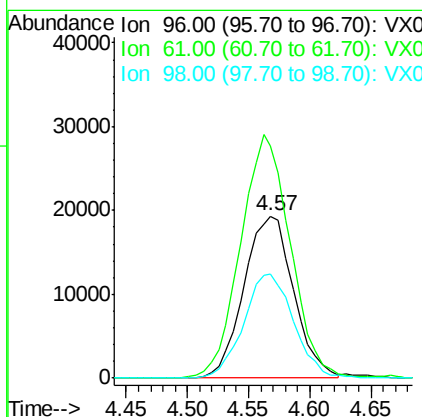
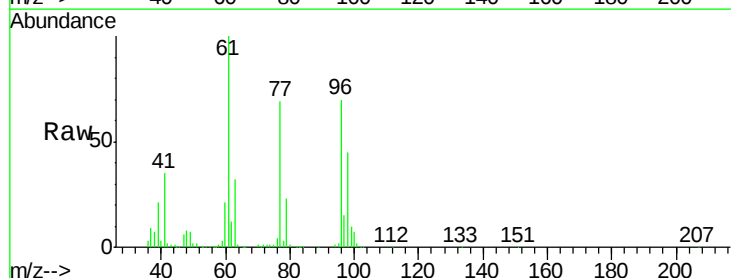
RT: 4.57 min Scan# 571

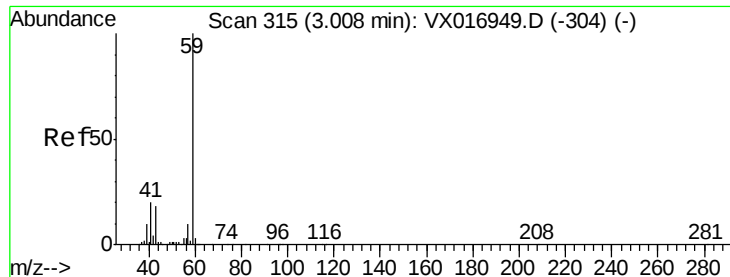
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	96	Resp:	54415
Ion Ratio	Lower	Upper	
96	100		
61	151.0	120.8	181.2
98	64.6	51.7	77.5





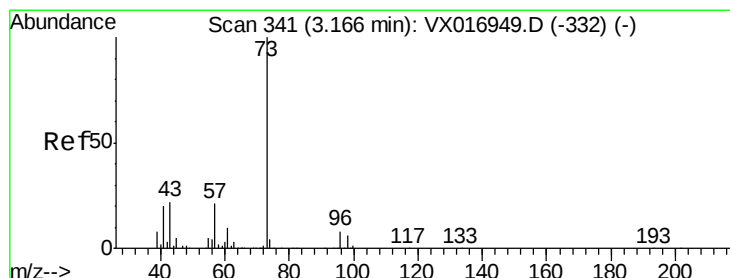
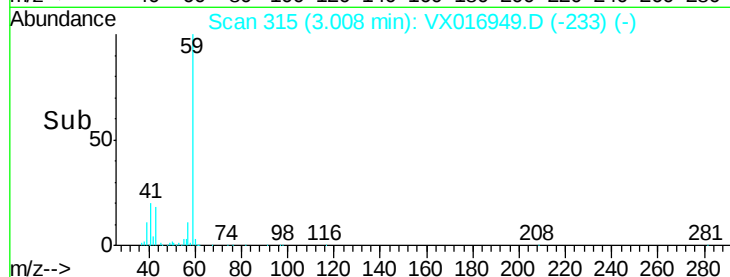
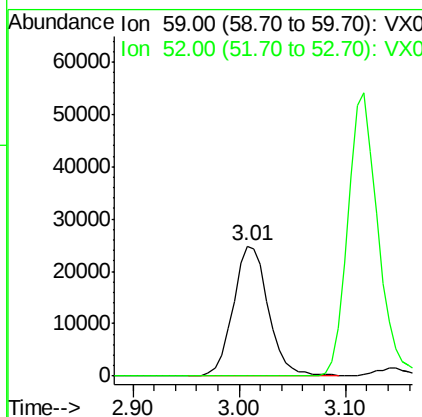
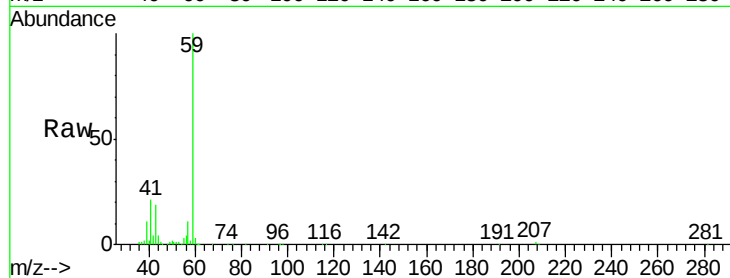
#23
 tert-Butyl Alcohol
 Concen: 367.950 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
52	52	0.2	0.1	0.1#

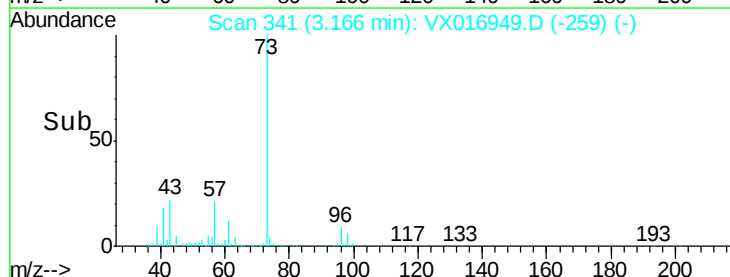
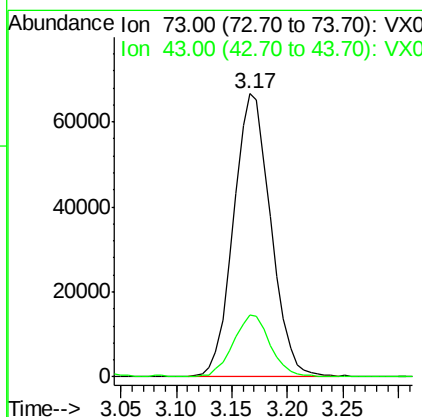
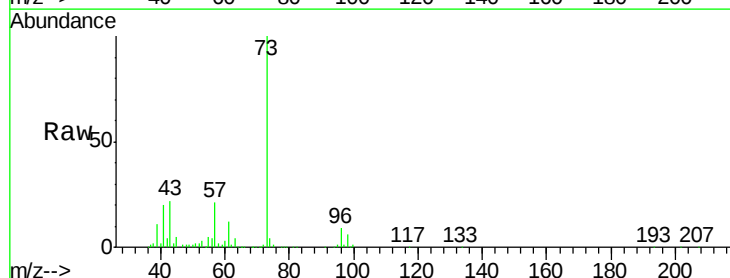
Manual Integrations
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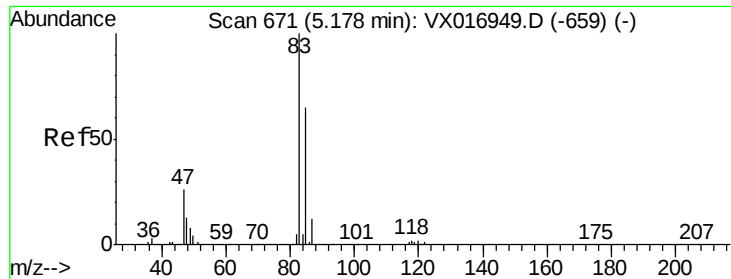
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#24
 Methyl tert-Butyl Ether
 Concen: 19.306 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
73	73	100		
43	43	21.5	17.2	25.8





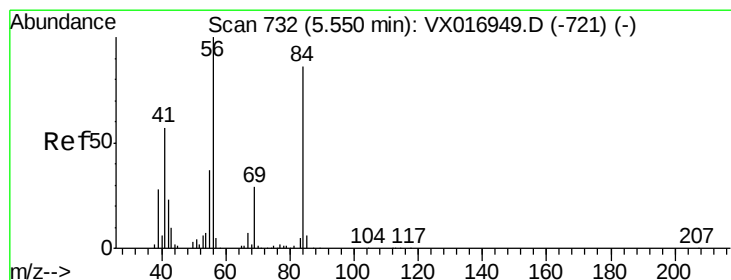
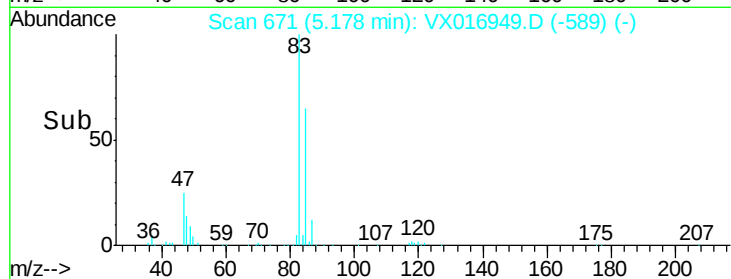
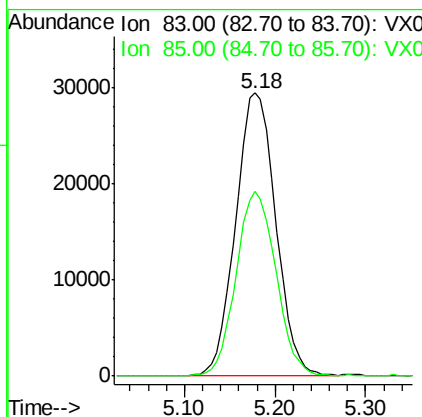
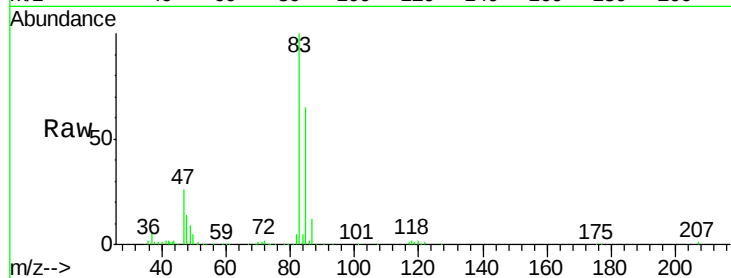
#25
Chloroform
Concen: 19.310 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	90398
Ion Ratio	100	Lower	Upper
85	65.1	52.1	78.1

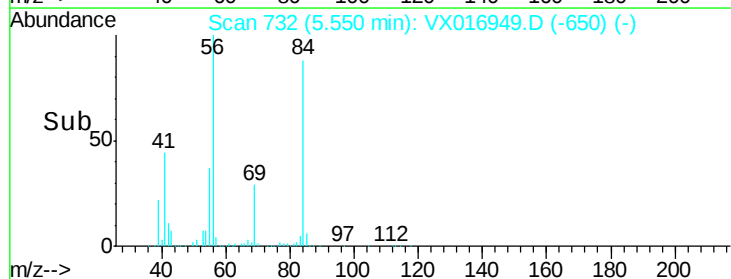
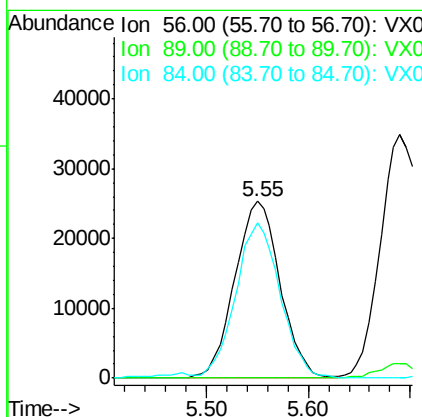
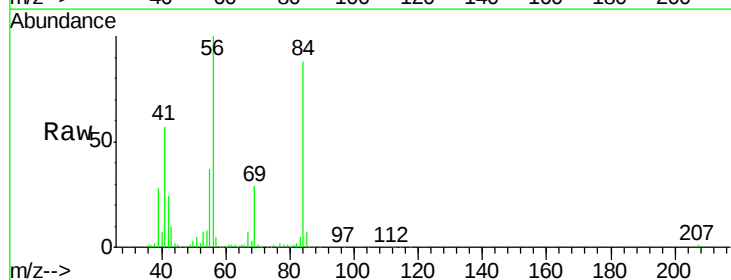
Manual Integrations
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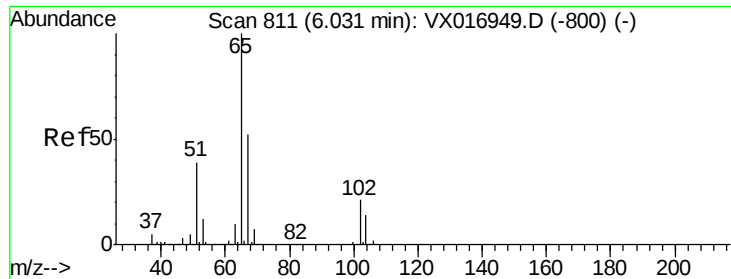
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#26
Cyclohexane
Concen: 19.366 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	56	Resp	78005
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0#
84	86.3	69.0	103.6





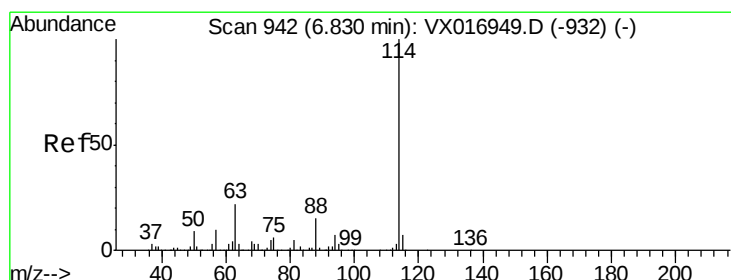
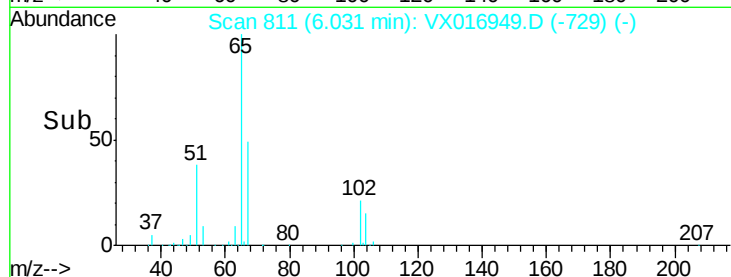
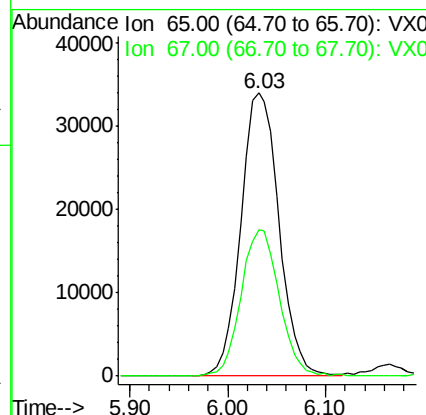
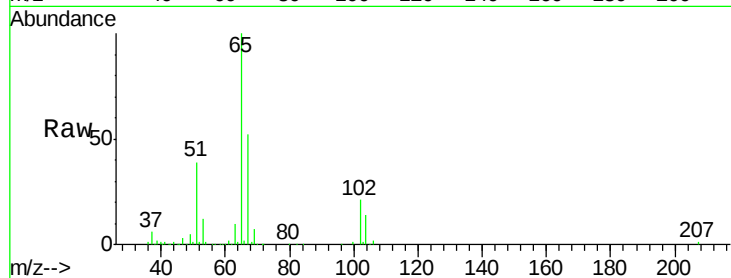
#27
 1,2-Dichloroethane-d4
 Concen: 30.171 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	41.5	62.3

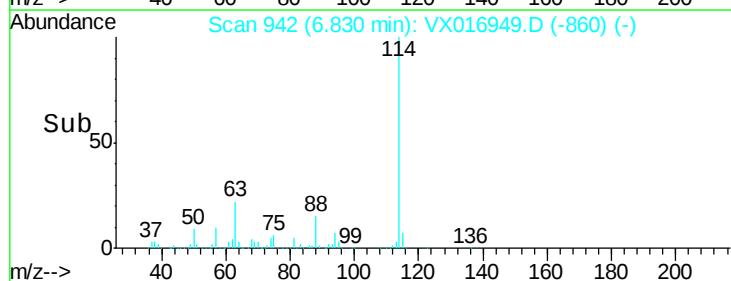
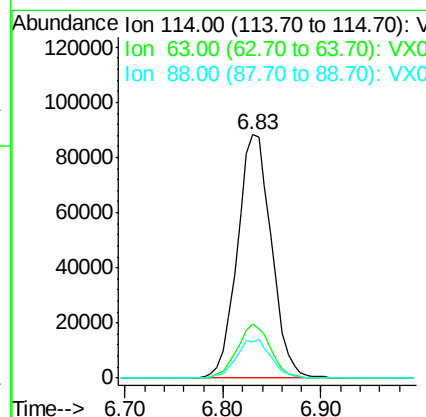
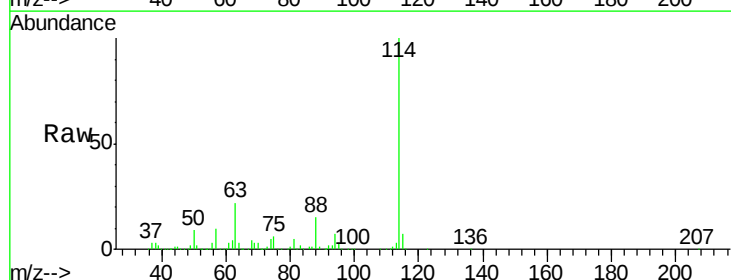
Manual Integrations
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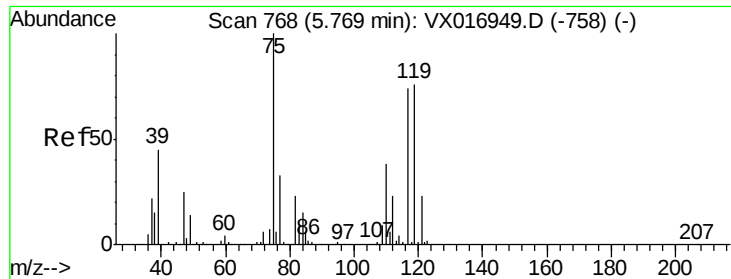
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	17.4	26.2
88	16.3	13.0	19.6





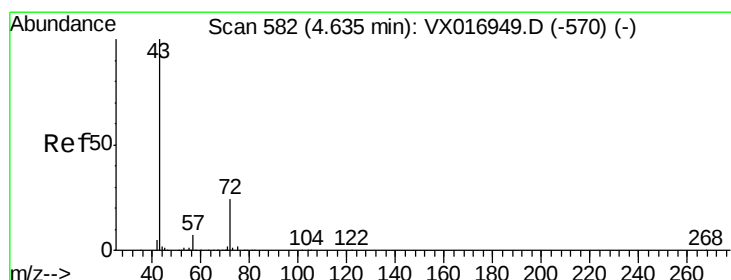
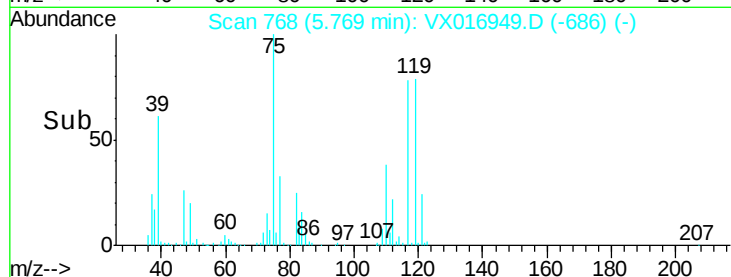
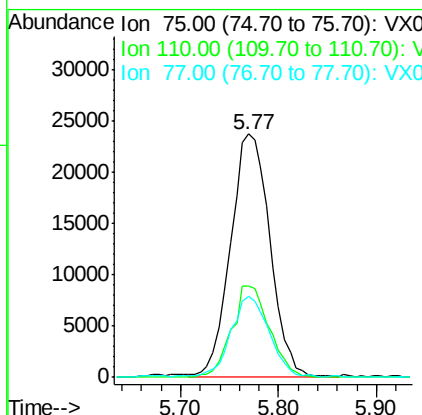
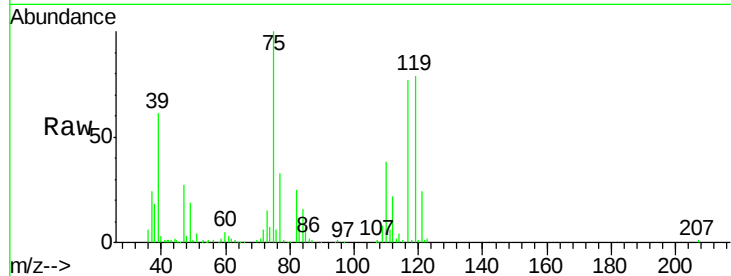
#29
 1,1-Dichloropropene
 Concen: 19.163 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	71.6
77	32.0	0.0	64.0

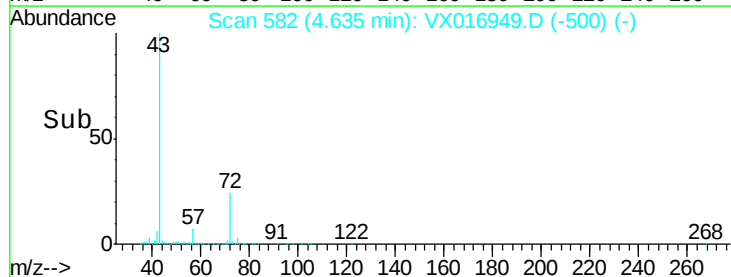
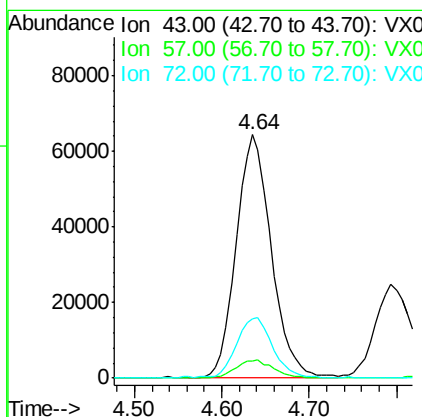
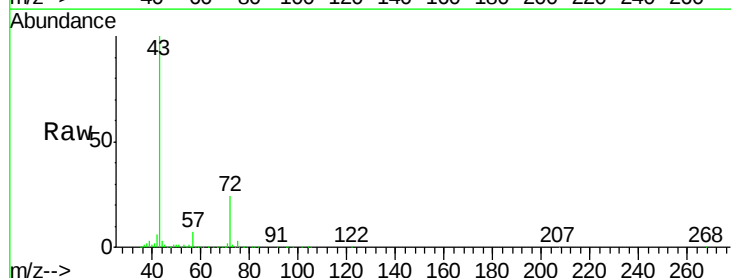
Manual Integrations
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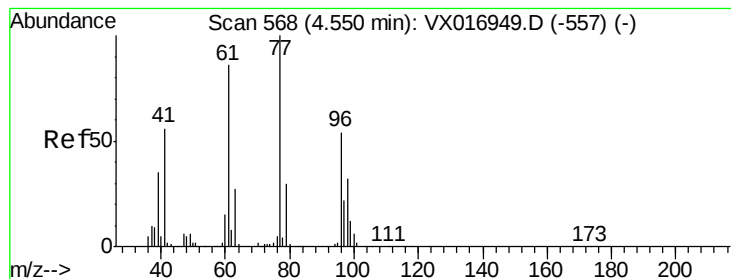
MMDadoda
 6/26/2020 3:33:44 PM



#30
 2-Butanone
 Concen: 98.729 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.4
72	25.8	20.6	31.0





#31

2,2-Dichloropropane

Concen: 19.552 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 77 Resp: 77768

Ion Ratio Lower Upper

77 100

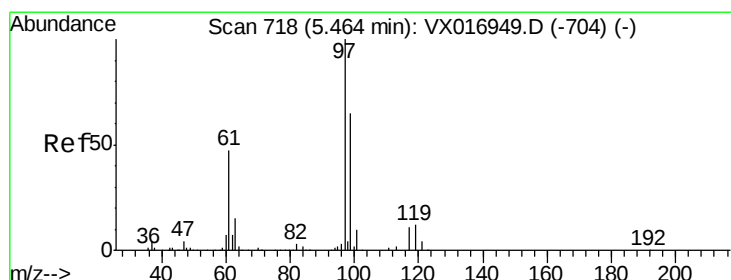
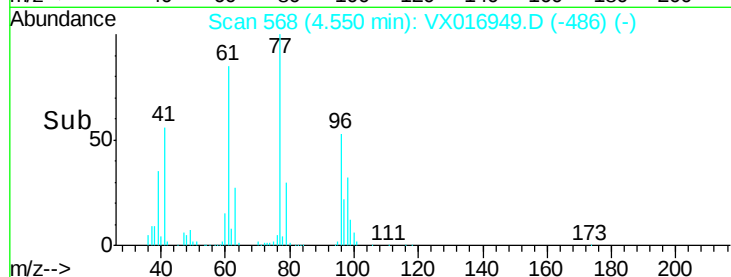
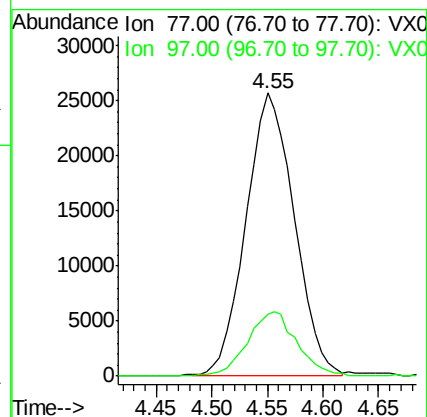
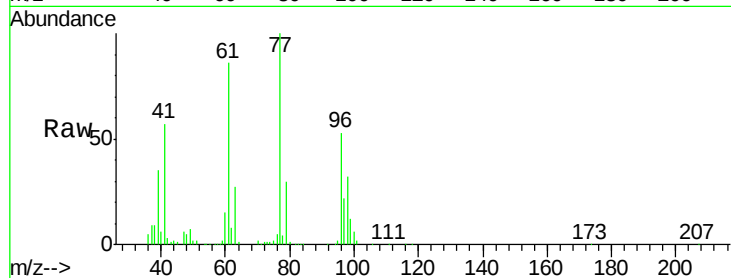
97 23.1 18.5 27.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.289 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

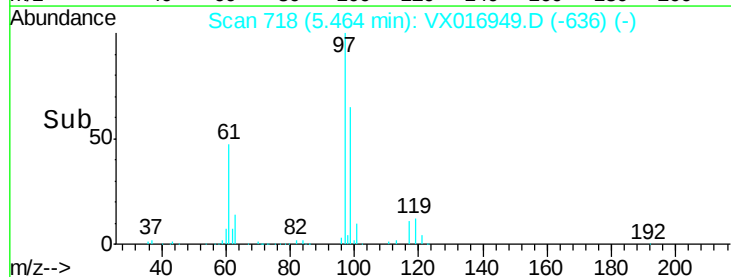
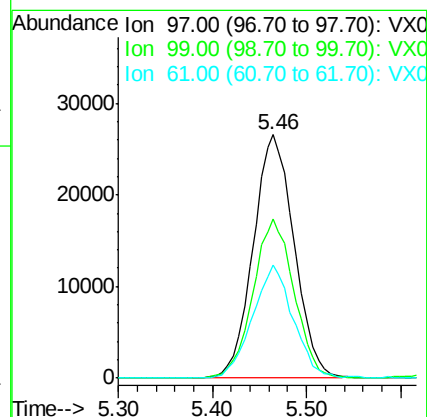
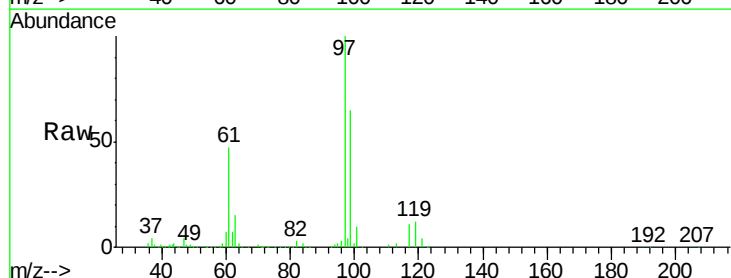
Tgt Ion: 97 Resp: 80947

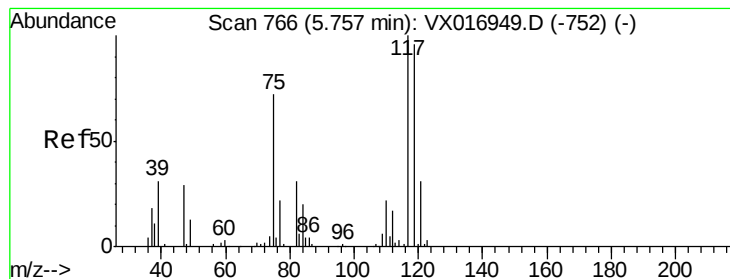
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 46.1 36.9 55.3





#33

Carbon Tetrachloride

Concen: 19.301 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:117 Resp: 71830

Ion Ratio Lower Upper

117 100

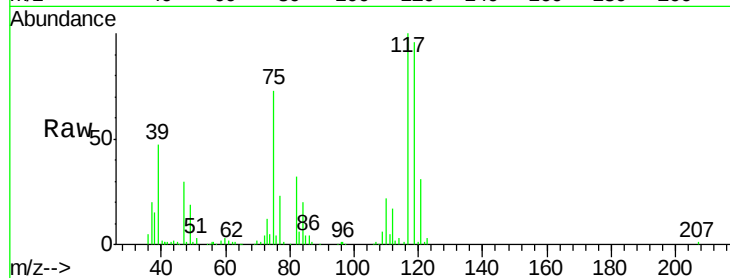
119 96.2 77.0 115.4

121 31.2 25.0 37.4

Manual Integrations
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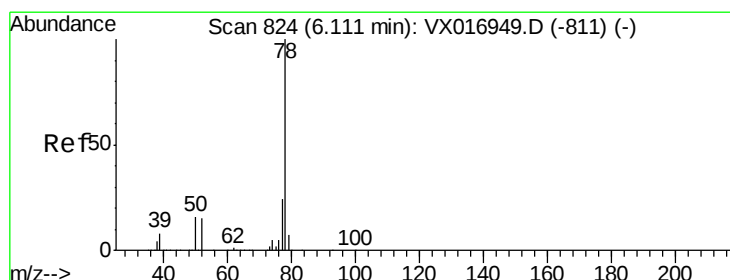
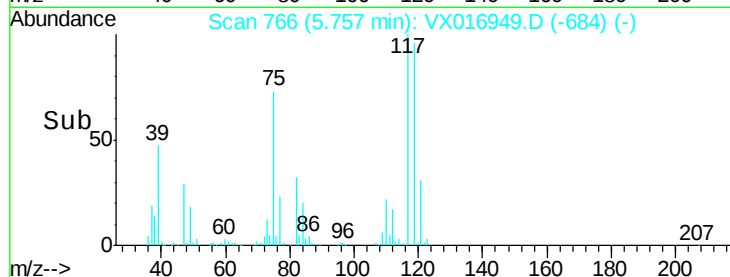
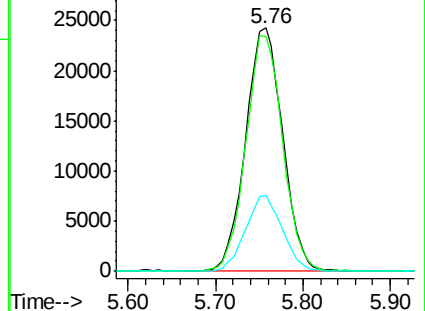
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.487 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

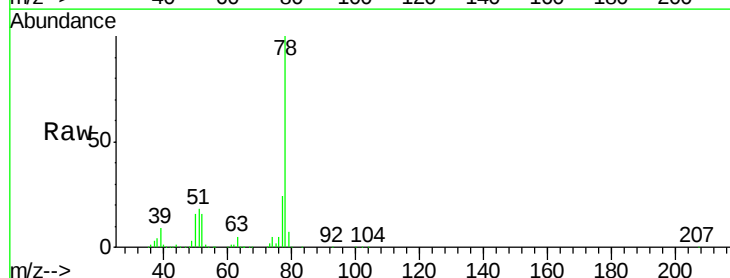
Tgt Ion: 78 Resp: 196786

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

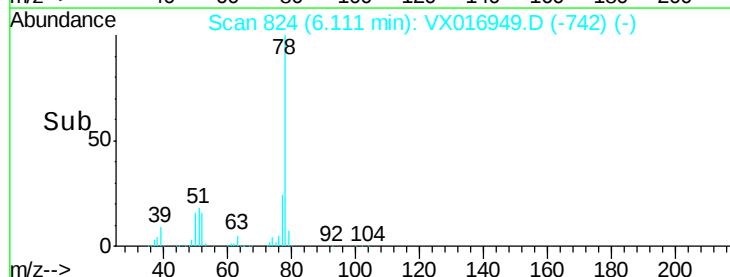
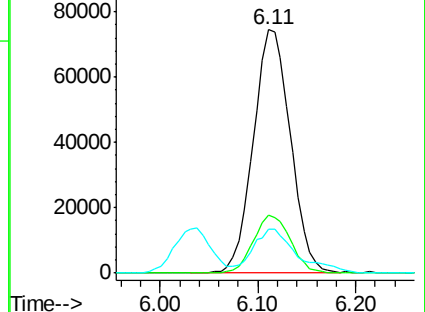
51 16.0 12.8 19.2

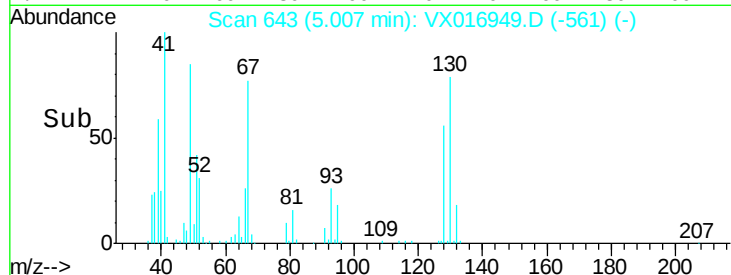
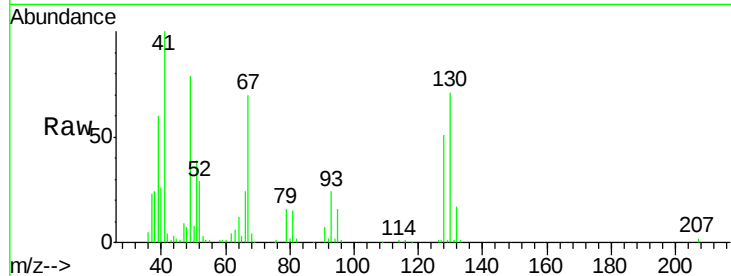
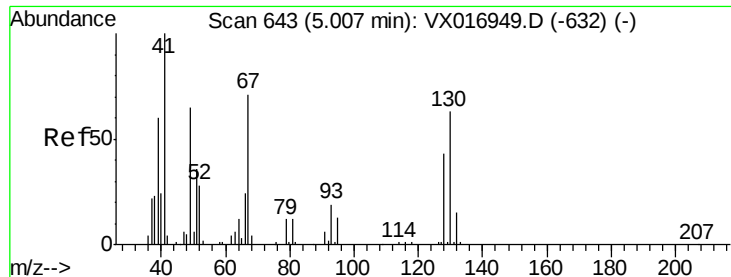


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

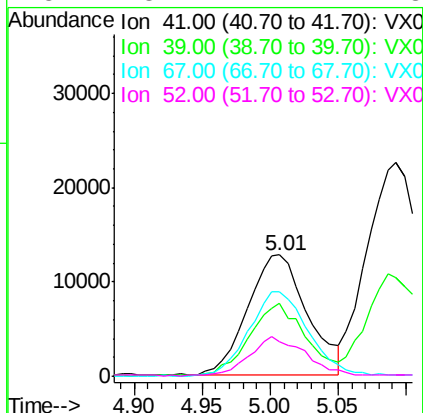
Ion 51.00 (50.70 to 51.70): VX0





#35
Methacrylonitrile
Concen: 19.578 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

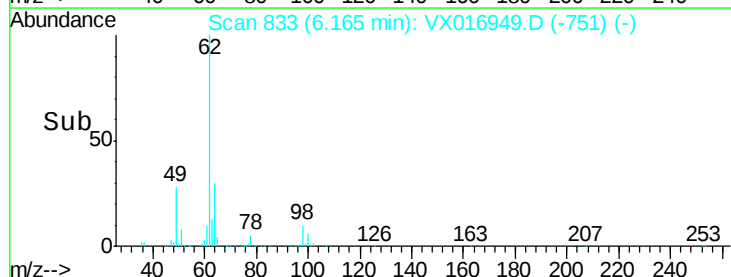
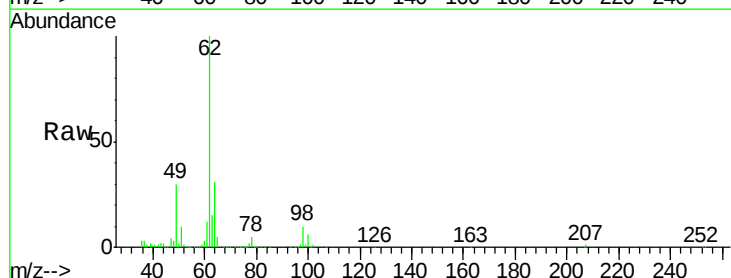
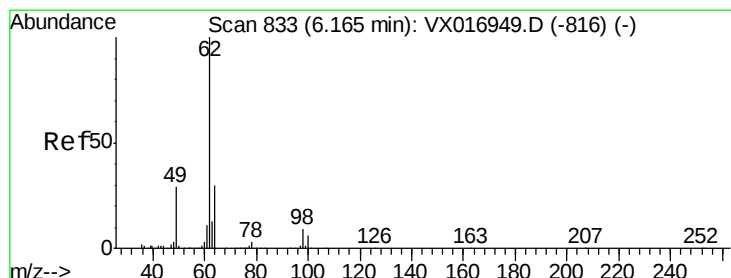
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.7	29.8	89.5	
67	70.6	35.3	105.9	
52	28.2	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

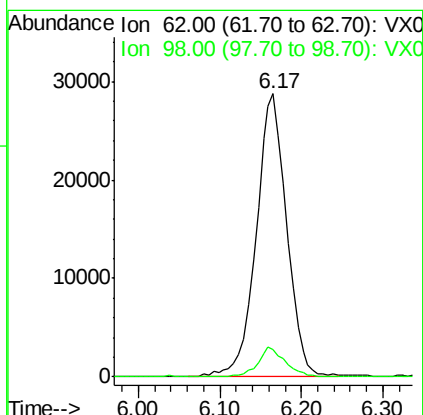
Manual Integrations
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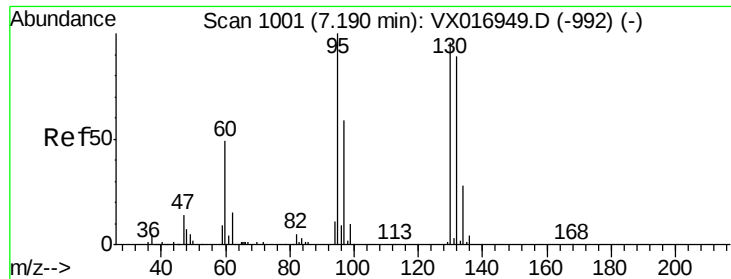
MMDadoda
6/26/2020 3:33:44 PM



#36
1,2-Dichloroethane
Concen: 19.362 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	7.6	11.4	





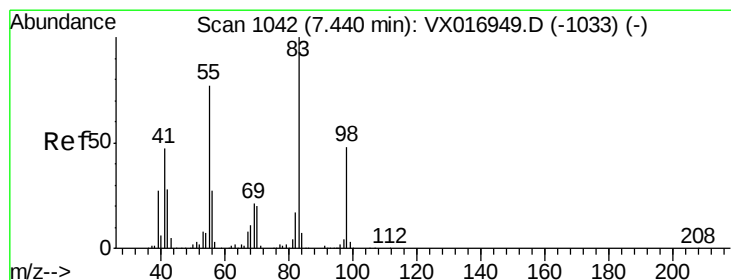
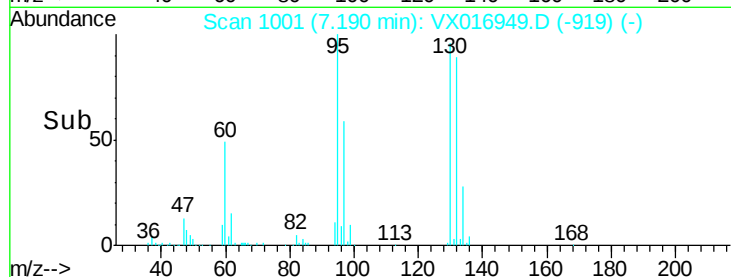
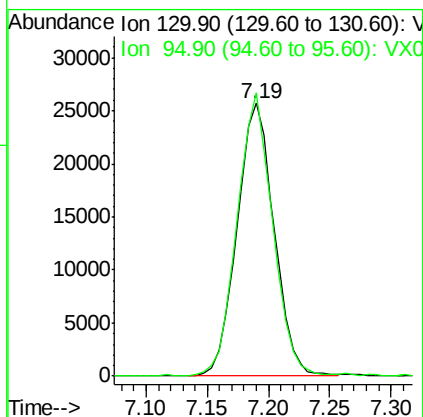
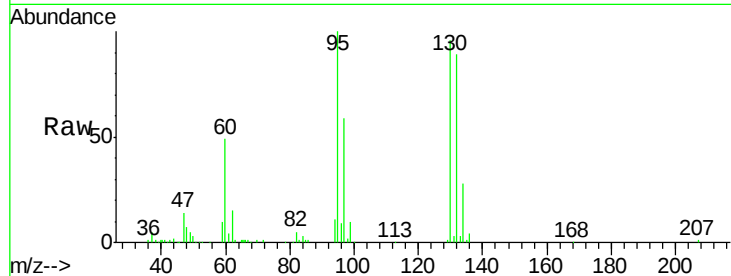
#37
 Trichloroethene
 Concen: 19.609 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 54033
 Ion Ratio Lower Upper
 130 100
 95 103.9 83.1 124.7

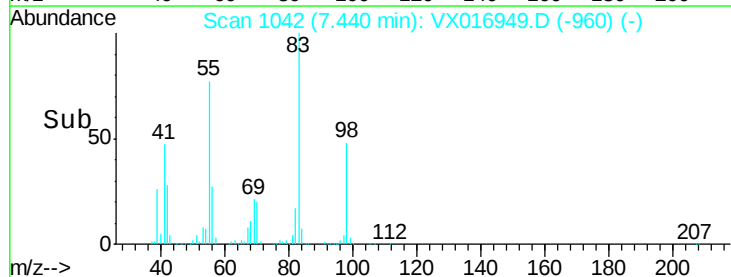
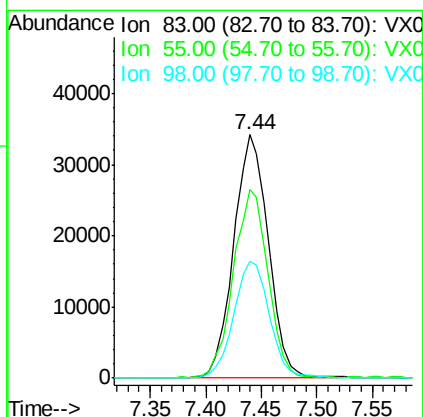
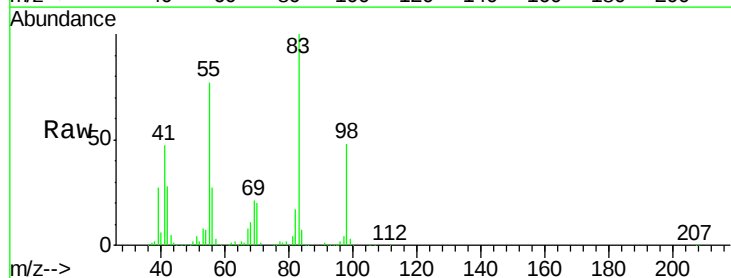
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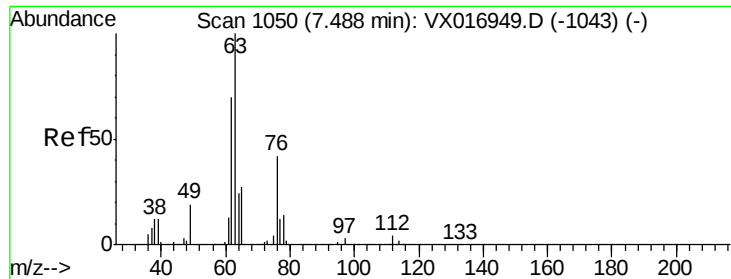
MMDadoda
 6/26/2020 3:33:44 PM



#38
 Methylcyclohexane
 Concen: 18.750 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion: 83 Resp: 74054
 Ion Ratio Lower Upper
 83 100
 55 76.3 38.1 114.5
 98 49.1 24.6 73.6





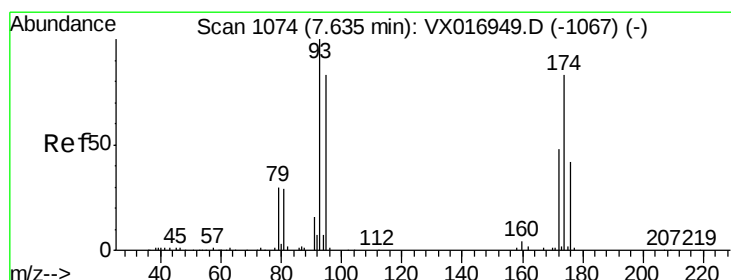
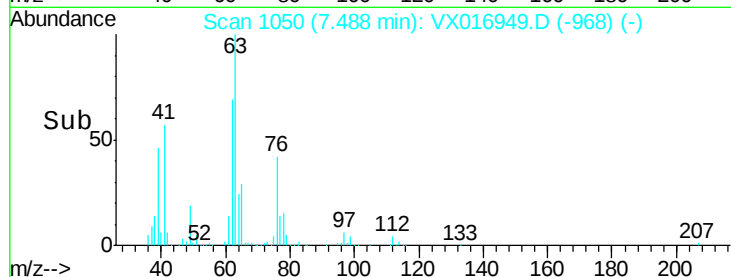
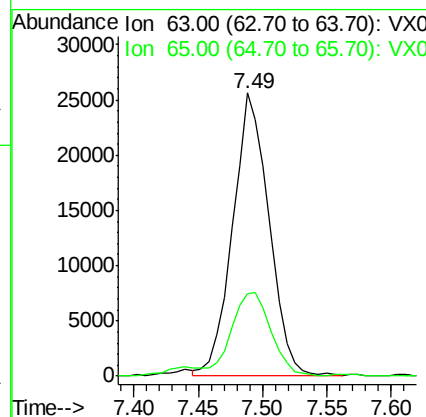
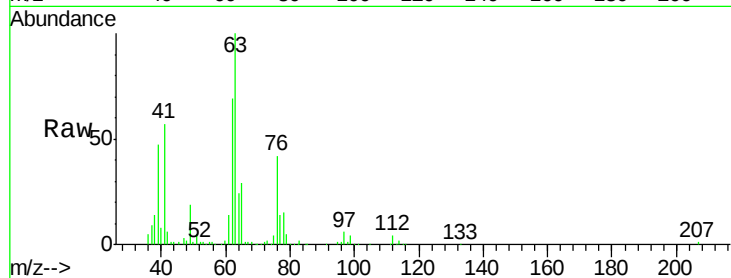
#39
 1,2-Dichloropropane
 Concen: 19.152 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.8	34.2

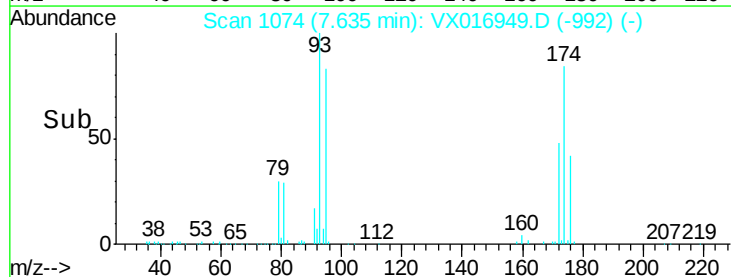
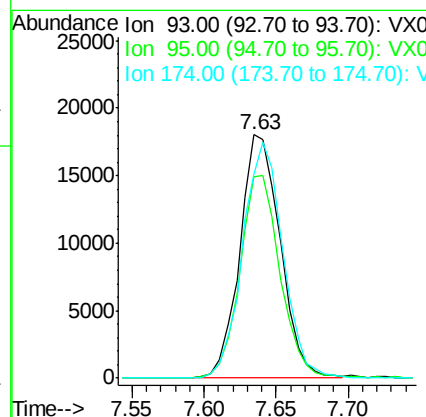
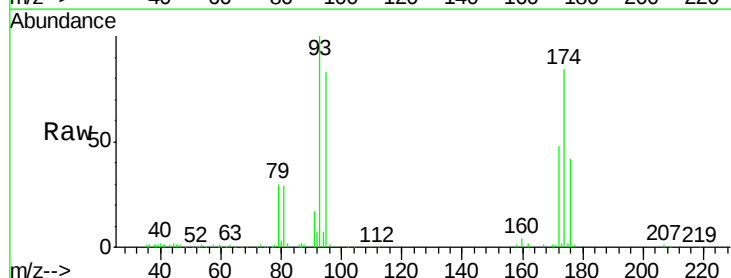
Manual Integrations
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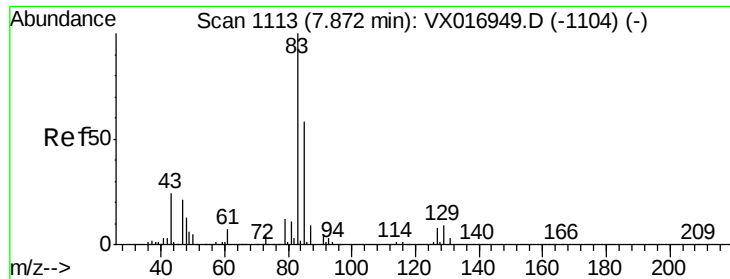
MMDadoda
 6/26/2020 3:33:44 PM



#40
 Dibromomethane
 Concen: 19.374 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	0.0	165.4
174	96.0	0.0	192.0





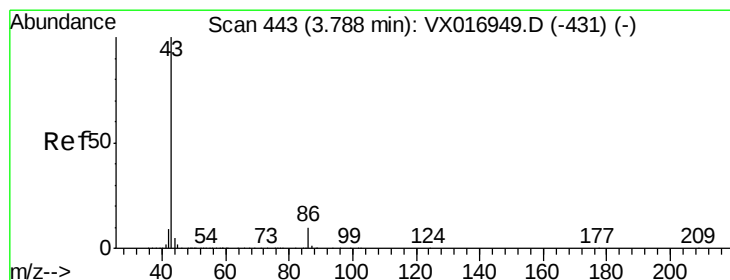
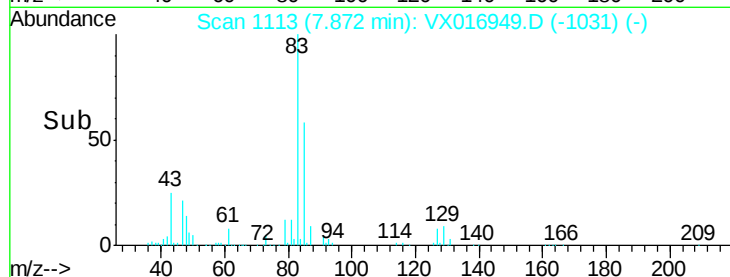
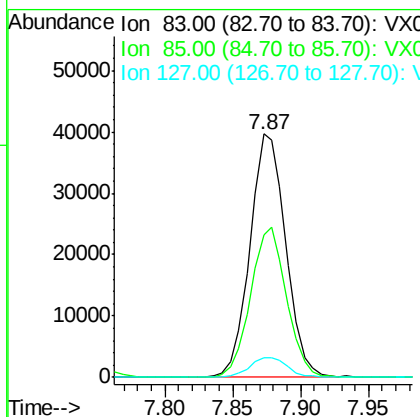
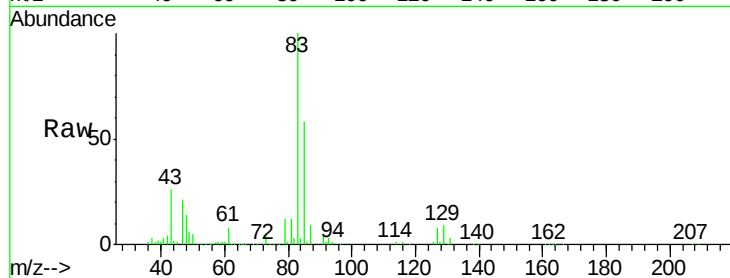
#41
Bromodichloromethane
Concen: 19.510 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	73255
Ion Ratio	100	Lower	Upper
83	100		
85	58.4	46.7	70.1
127	8.1	6.5	9.7

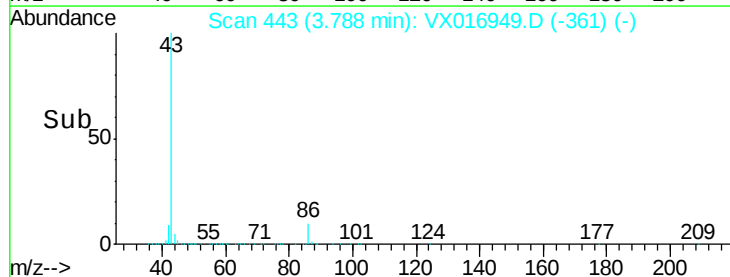
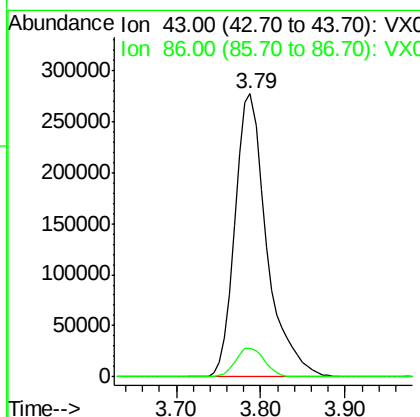
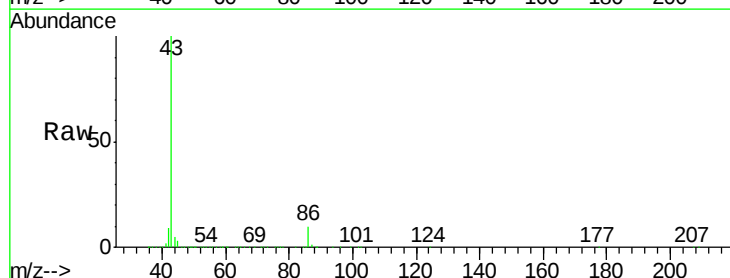
Manual Integrations
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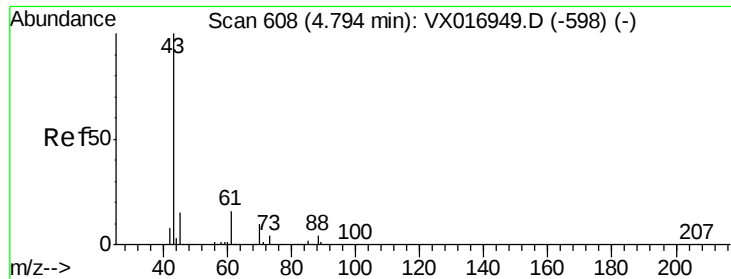
MMDadoda
6/26/2020 3:33:44 PM



#42
Vinyl Acetate
Concen: 96.983 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	43	Resp	706512
Ion Ratio	100	Lower	Upper
43	100		
86	9.3	7.4	11.2





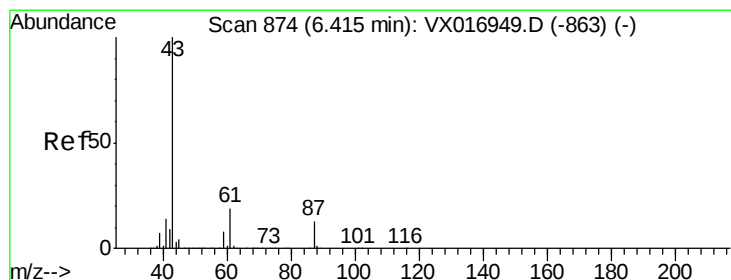
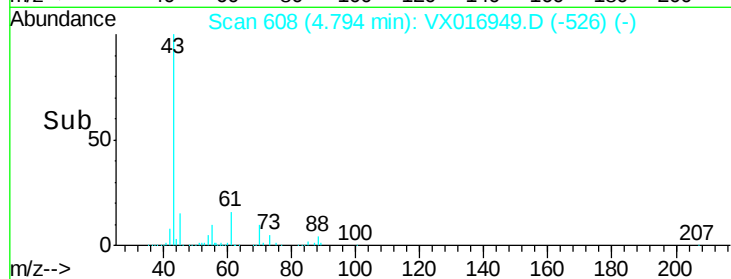
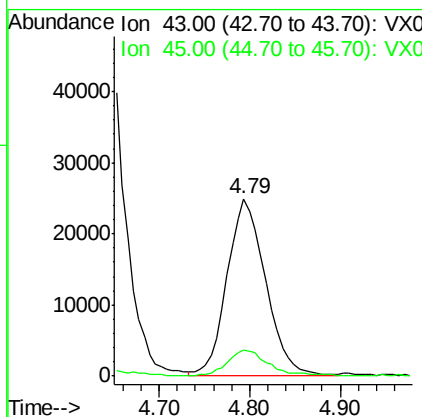
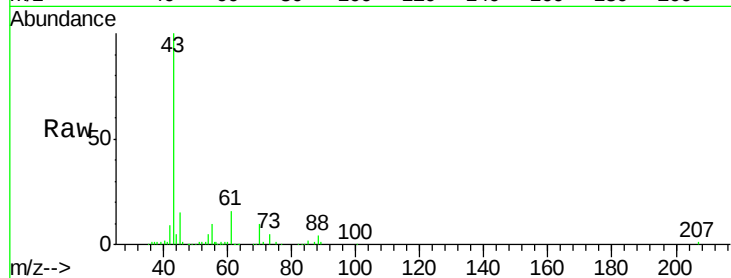
#43
Ethyl Acetate
Concen: 19.604 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	43	Resp	73220
Ion Ratio	Lower	Upper	
43	100		
45	14.7	11.8	17.6

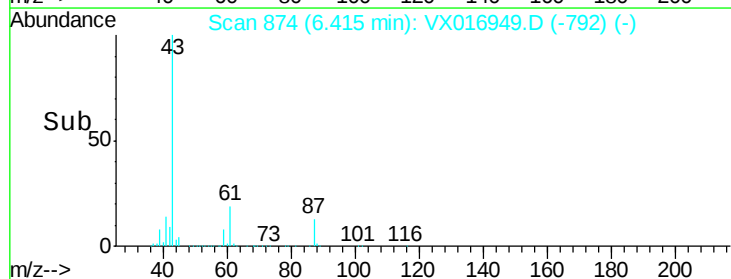
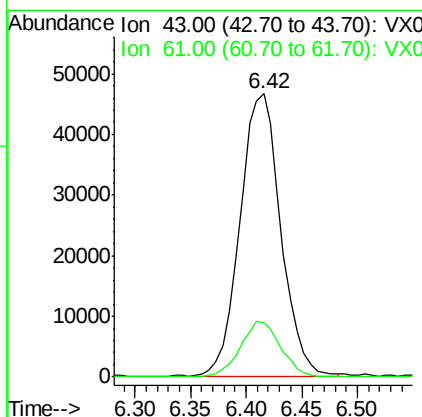
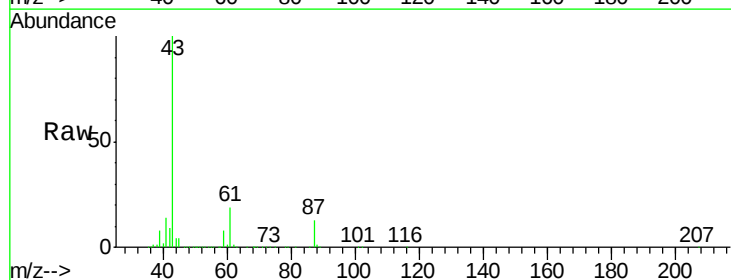
Manual Integrations
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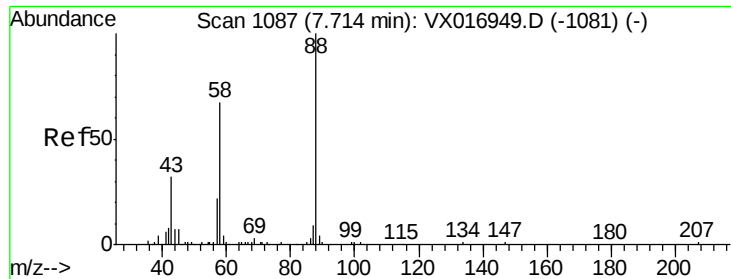
MMDadoda
6/26/2020 3:33:44 PM



#44
Isopropyl Acetate
Concen: 19.175 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	43	Resp	118348
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.4	23.2





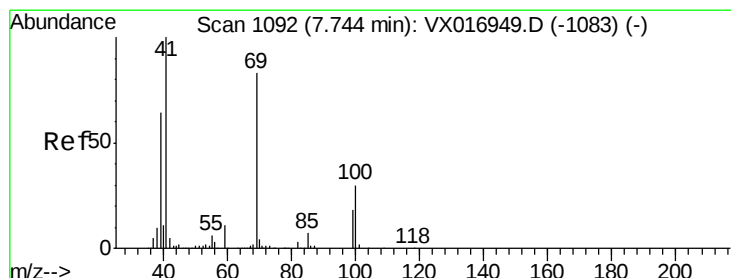
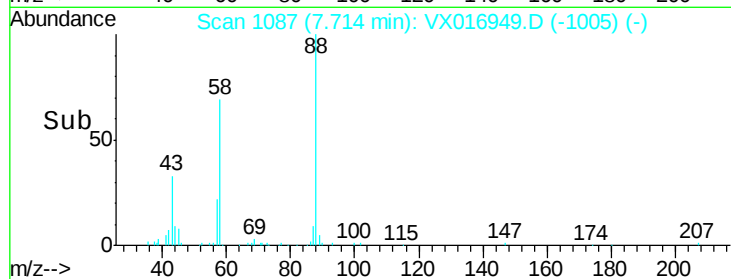
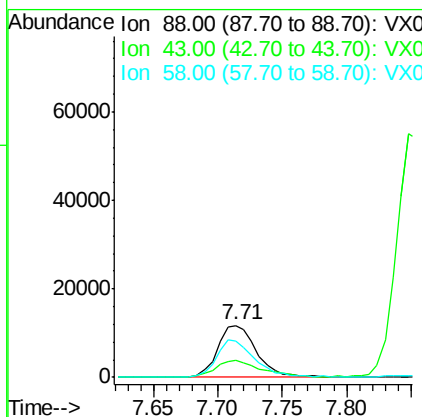
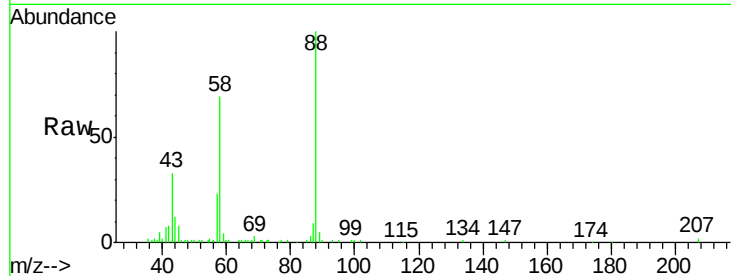
#45
1,4-Dioxane
Concen: 398.234 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.9	43.3
58	70.9	56.7	85.1

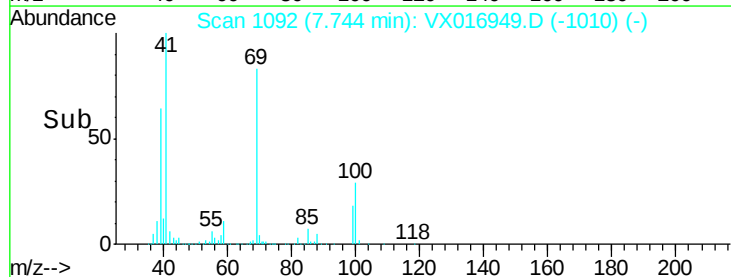
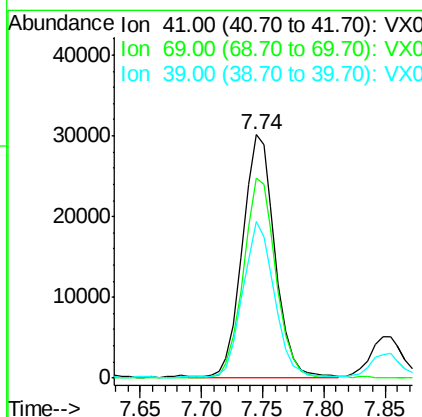
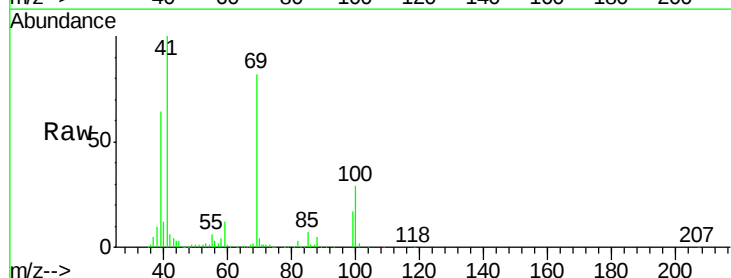
Manual Integrations
APPROVED

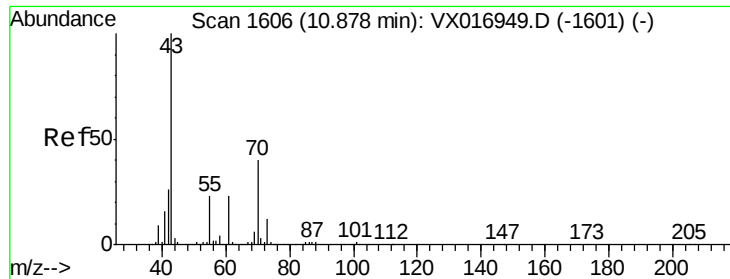
MMDadoda
6/26/2020 3:33:44 PM



#46
Methyl methacrylate
Concen: 19.298 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.6	41.3	123.9
39	64.1	32.0	96.2





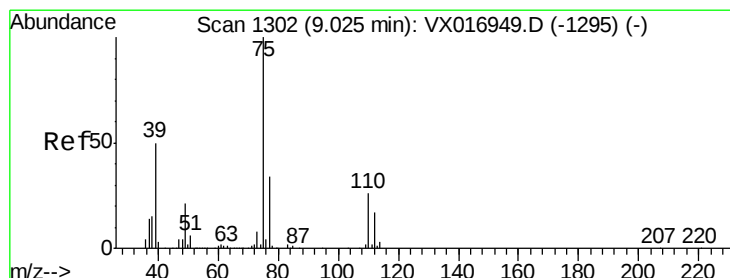
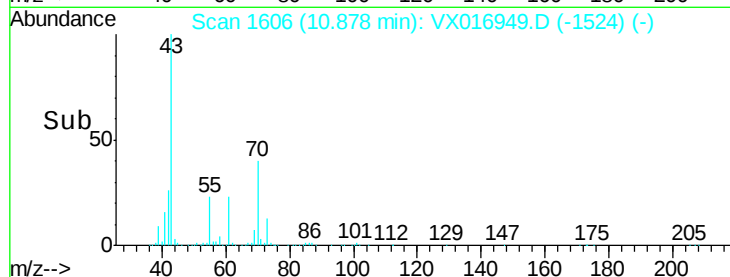
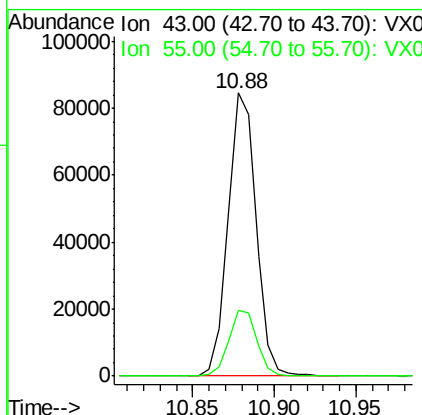
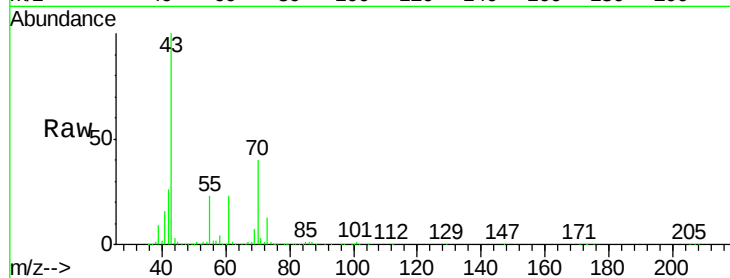
#47
n-amvl Acetate
Concen: 18.402 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 100394
Ion Ratio Lower Upper
43 100
55 23.2 18.6 27.8

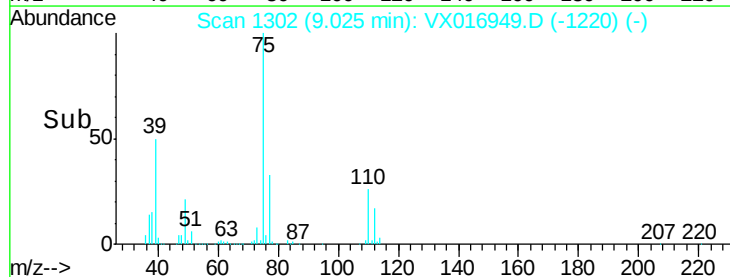
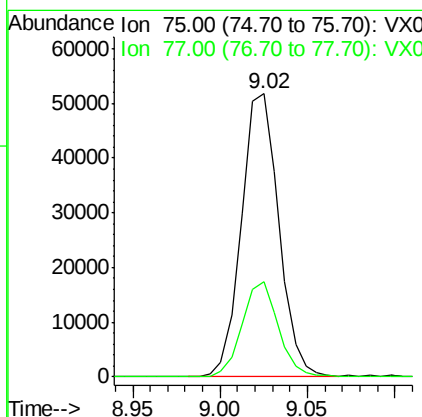
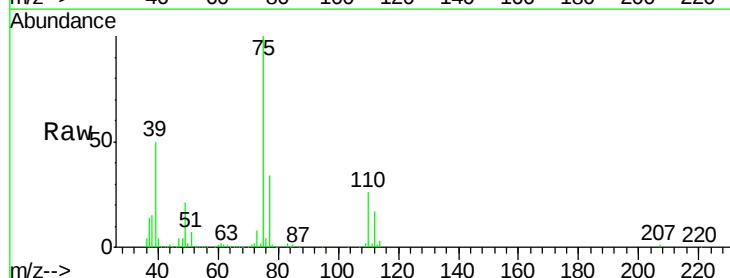
Manual Integrations
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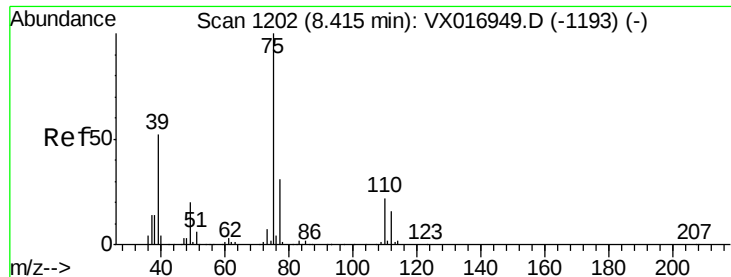
MMDadoda
6/26/2020 3:33:44 PM



#48
t-1,3-Dichloropropene
Concen: 18.562 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion: 75 Resp: 77060
Ion Ratio Lower Upper
75 100
77 33.7 27.0 40.4





#49

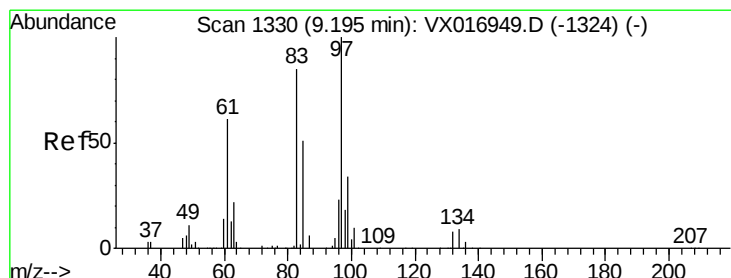
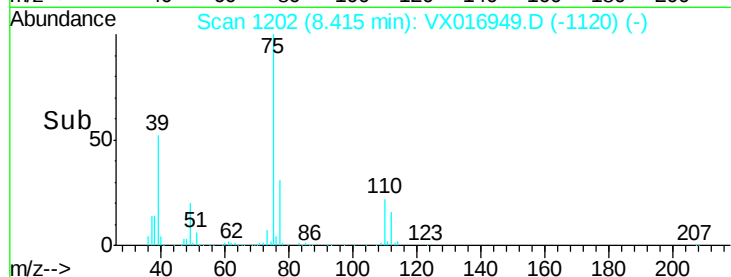
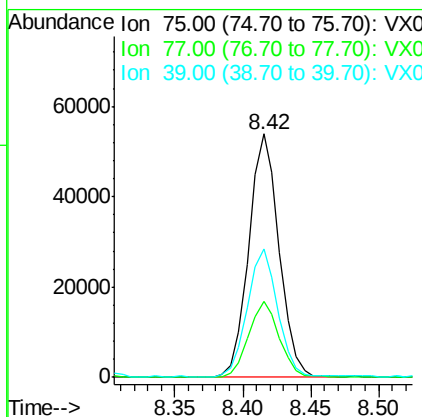
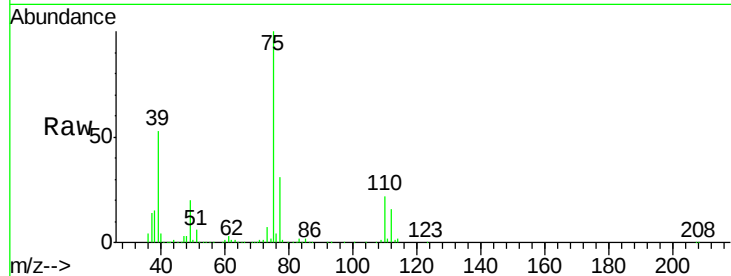
cis-1,3-Dichloropropene
Concen: 19.323 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	52.2	41.8	62.6

Manual Integrations
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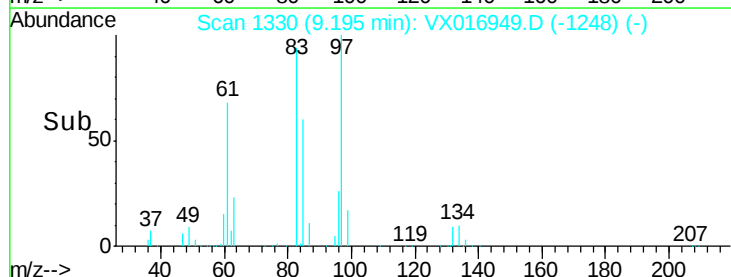
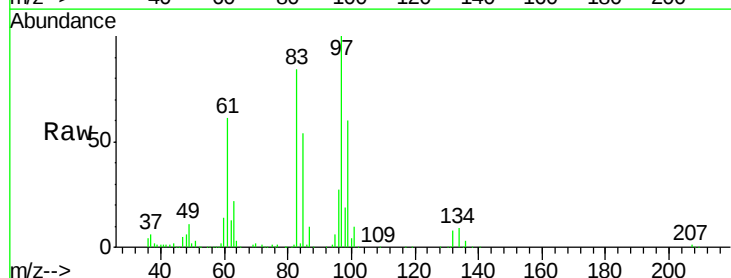
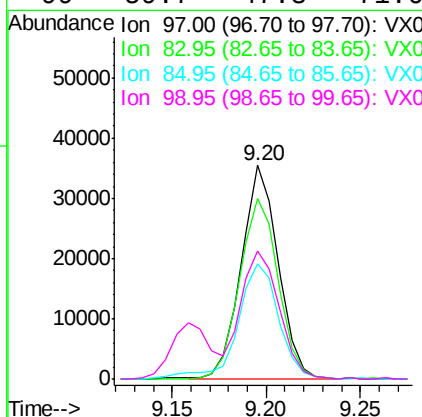
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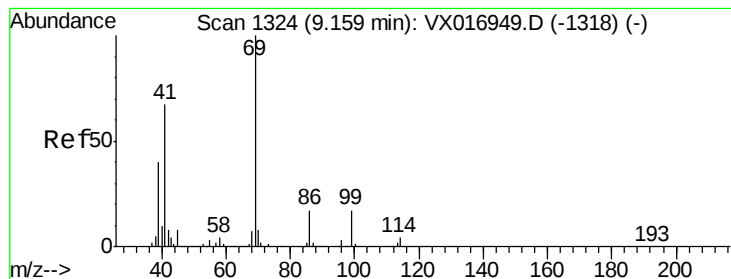


#50

1,1,2-Trichloroethane
Concen: 19.072 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	53.6	42.9	64.3
99	59.7	47.8	71.6





#51

Ethyl methacrylate

Concen: 18.944 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

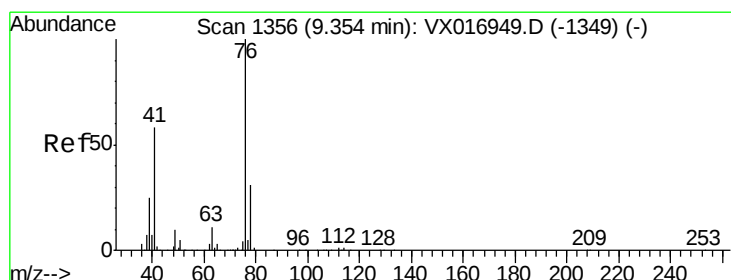
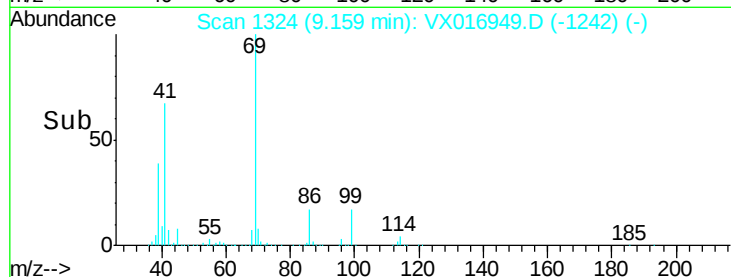
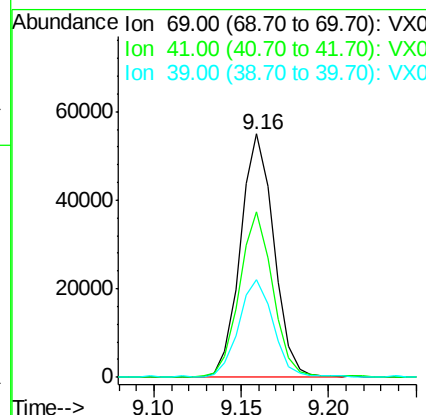
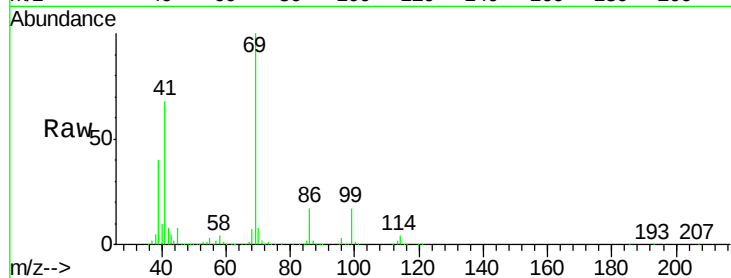
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	73573
Ion	Ratio	Lower	Upper
69	100		
41	67.4	33.7	101.1
39	39.8	19.9	59.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.934 ug/l

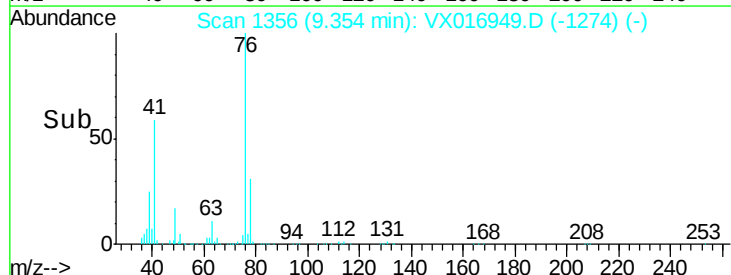
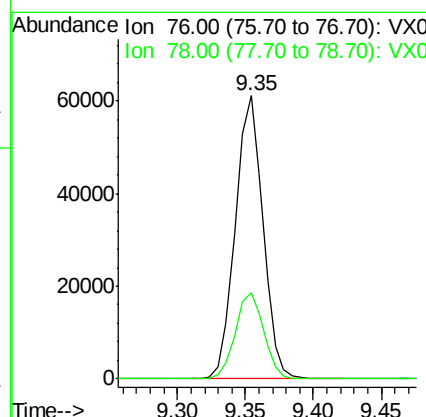
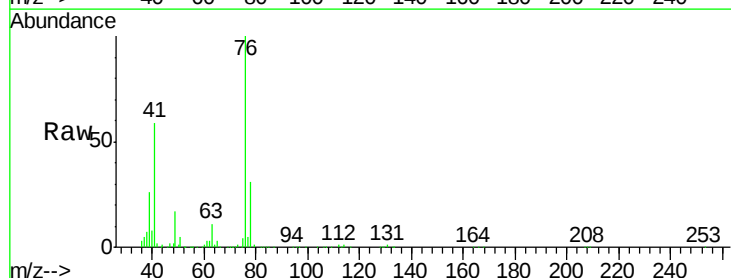
RT: 9.35 min Scan# 1356

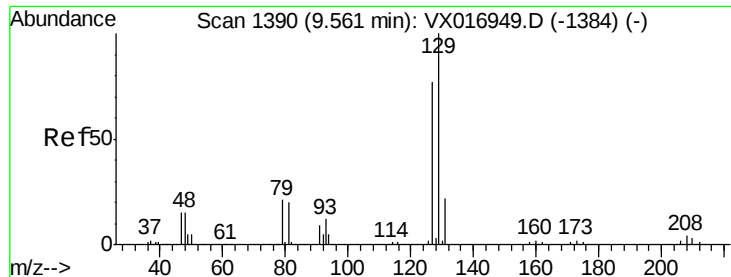
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	76	Resp:	86605
Ion	Ratio	Lower	Upper
76	100		
78	31.2	0.0	62.4





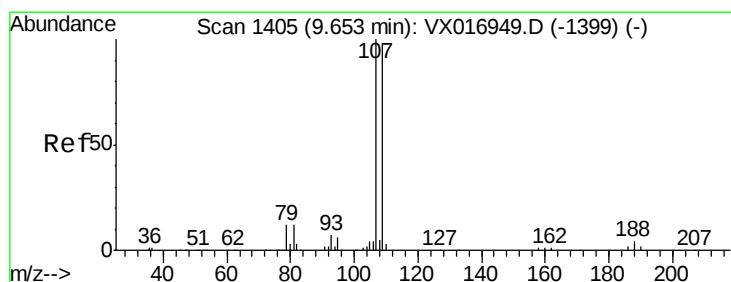
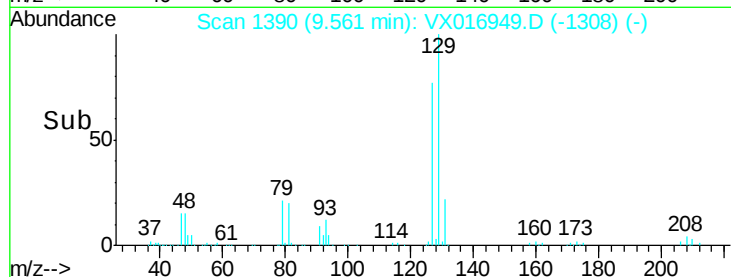
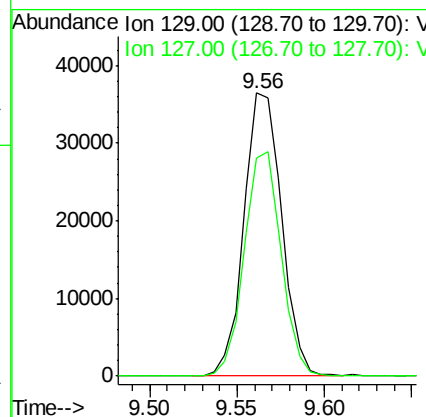
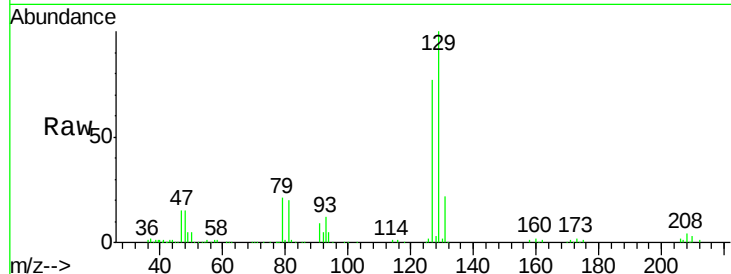
#53
 Dibromochloromethane
 Concen: 18.844 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:129 Resp: 54809
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.7 116.1

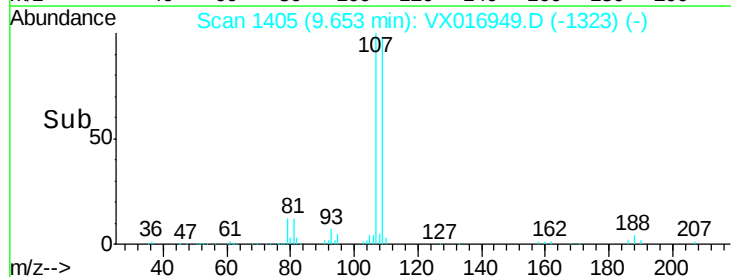
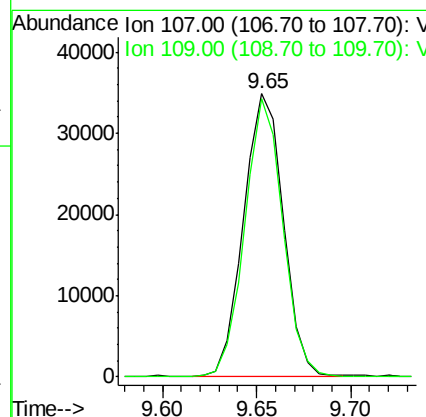
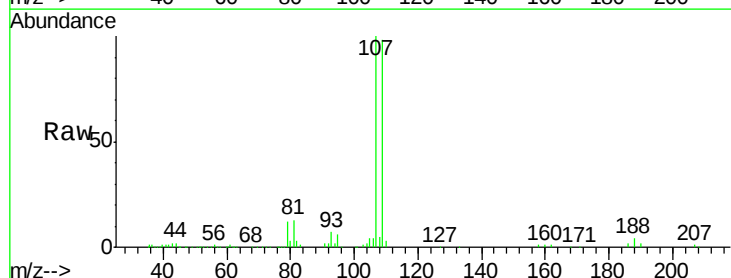
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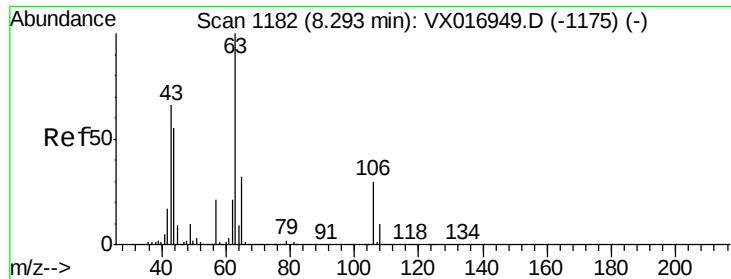
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#54
 1,2-Dibromoethane
 Concen: 19.023 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion:107 Resp: 51082
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6





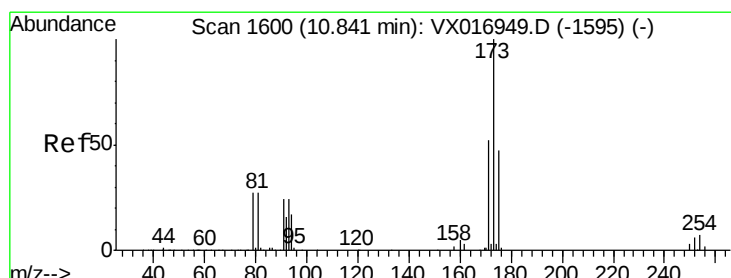
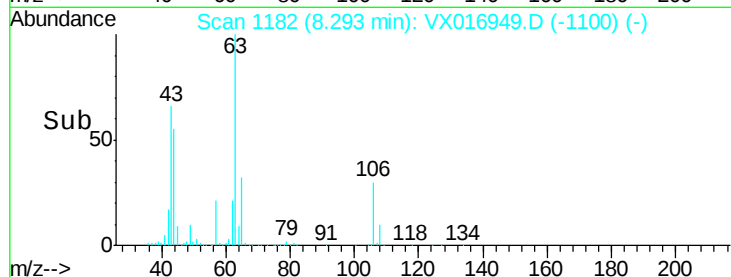
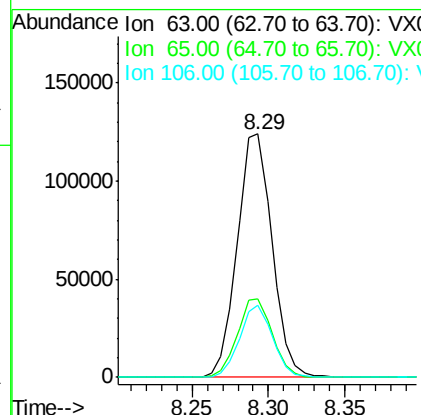
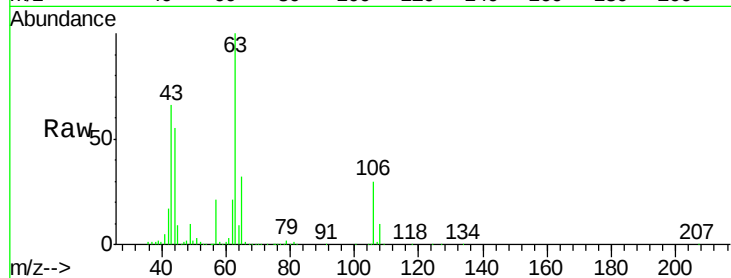
#55
 2-Chloroethyl vinyl ether
 Concen: 96.081 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9
106	28.2	22.6	33.8

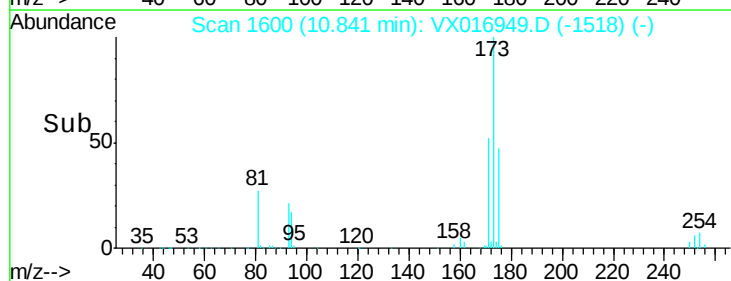
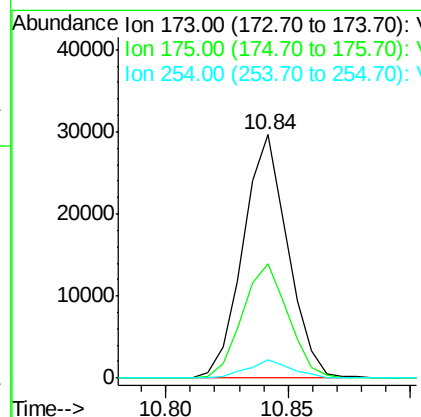
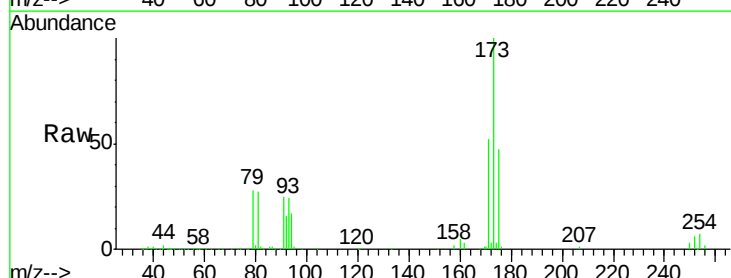
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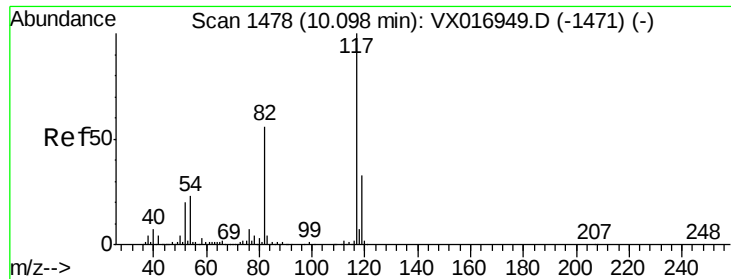
MMDadoda
 6/26/2020 3:33:44 PM



#56
 Bromoform
 Concen: 18.275 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
254	7.2	5.8	8.6





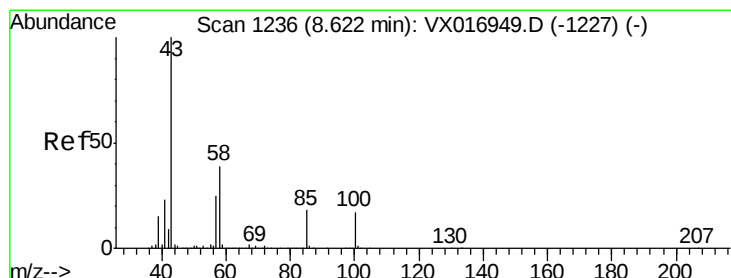
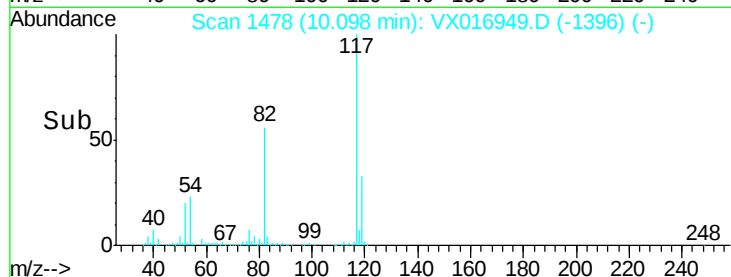
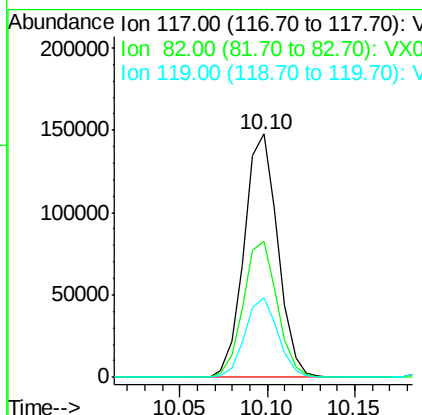
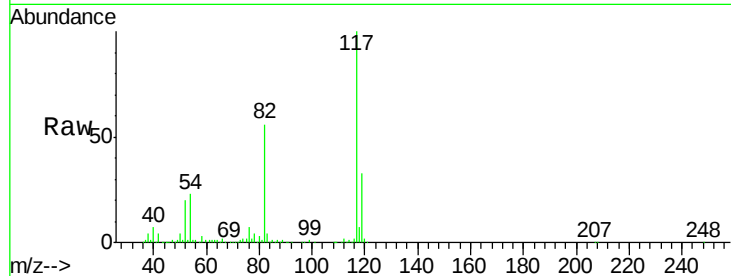
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	32.3	25.8	38.8

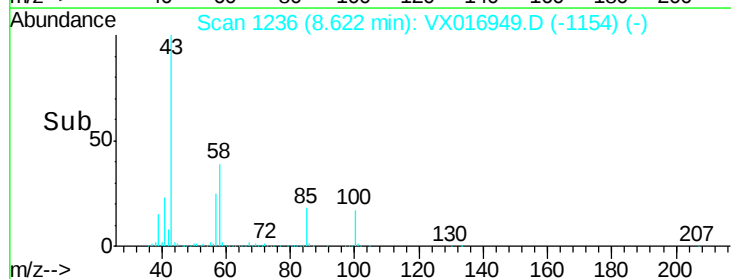
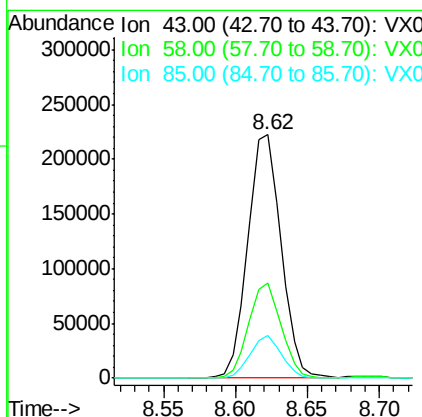
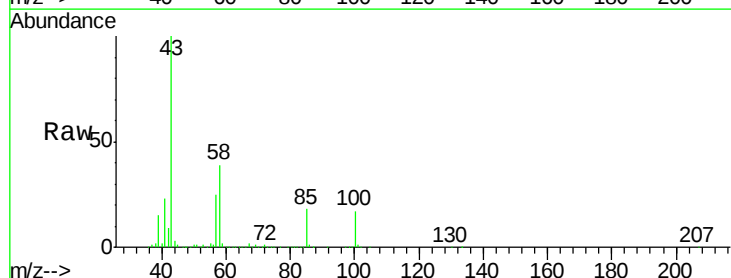
Manual Integrations
APPROVED

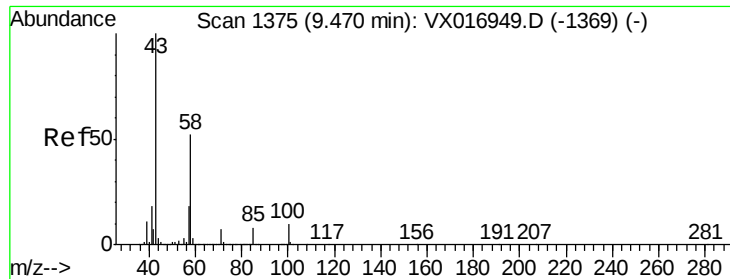
MMDadoda
6/26/2020 3:33:44 PM



#58
4-Methyl-2-Pentanone
Concen: 97.641 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6
85	16.9	13.5	20.3





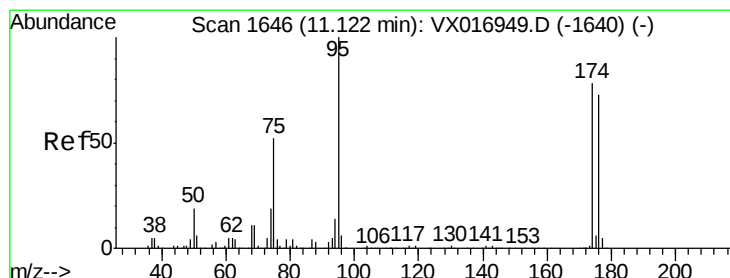
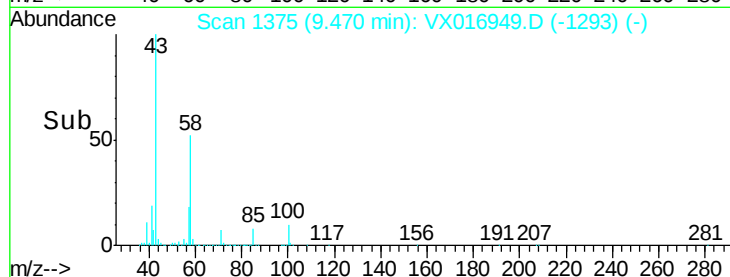
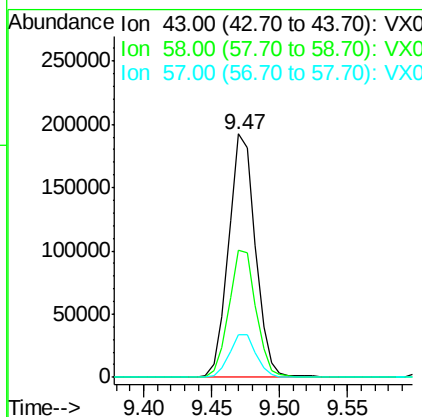
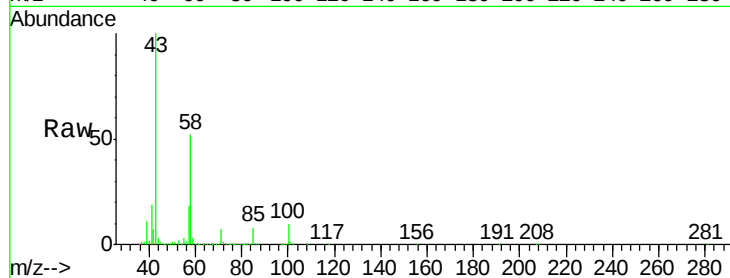
#59
2-Hexanone
Concen: 97.381 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.3	63.5
57	17.6	14.1	21.1

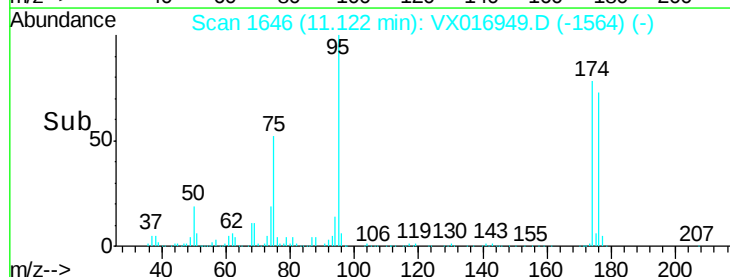
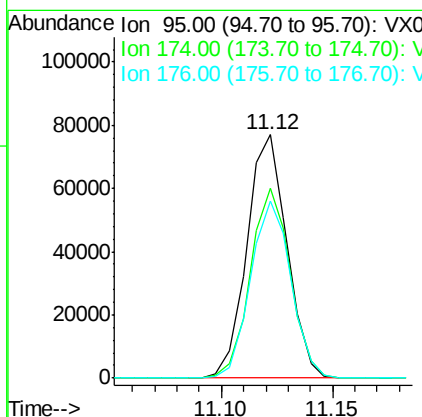
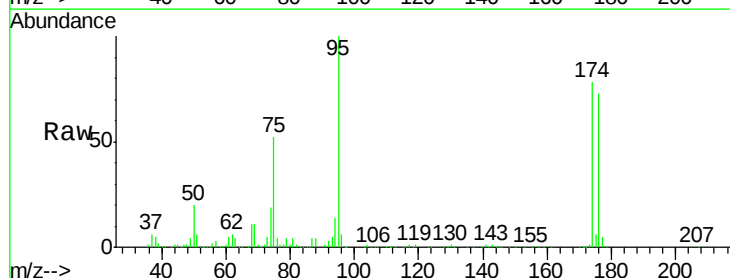
Manual Integrations
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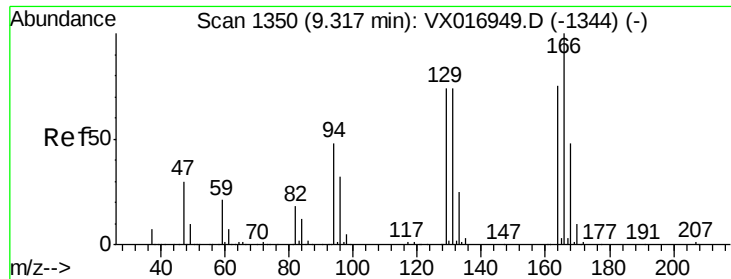
MMDadoda
6/26/2020 3:33:44 PM



#60
4-Bromofluorobenzene
Concen: 29.250 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.8	62.2	93.4
176	73.6	58.9	88.3





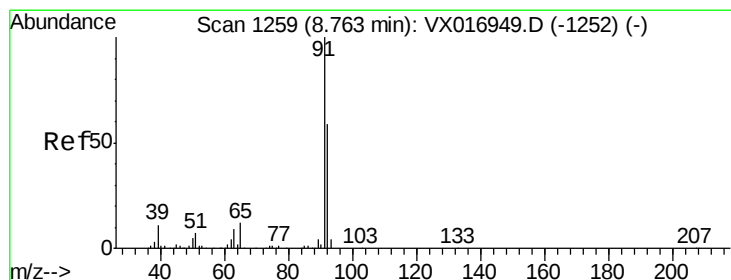
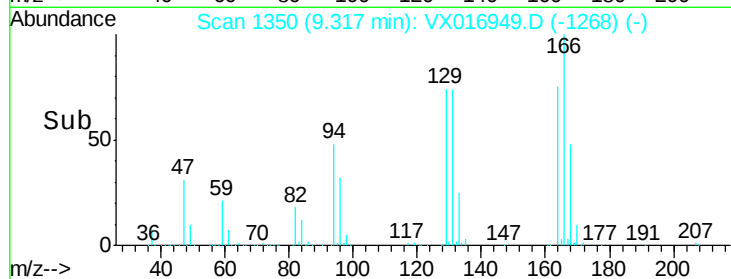
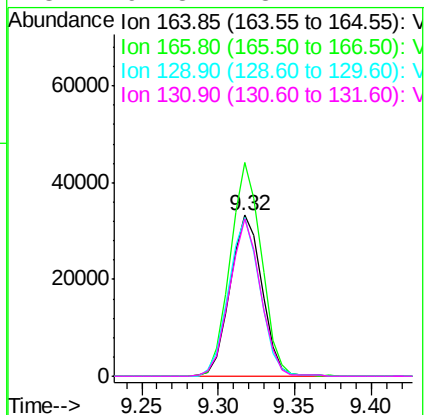
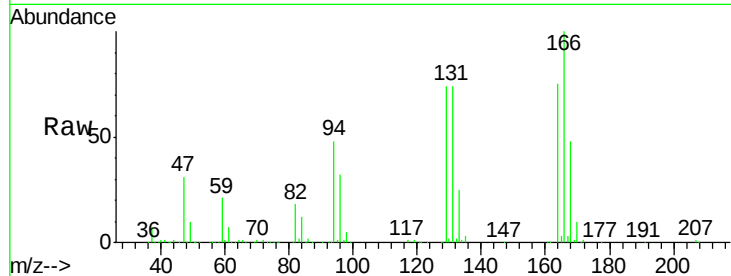
#61
Tetrachloroethene
Concen: 19.043 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.9	106.3	159.5
129	98.6	78.9	118.3
131	97.8	78.2	117.4

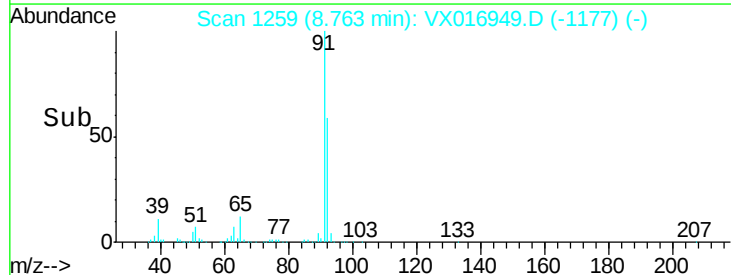
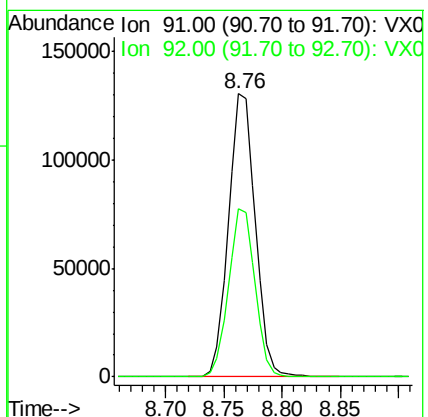
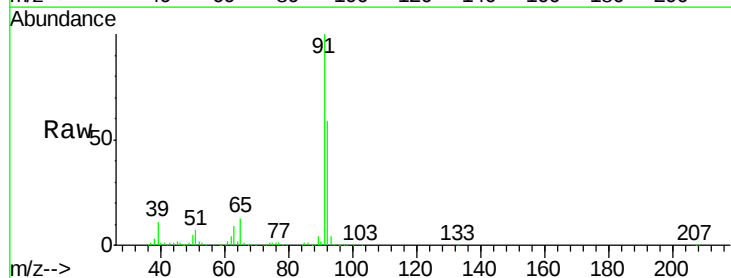
Manual Integrations
APPROVED

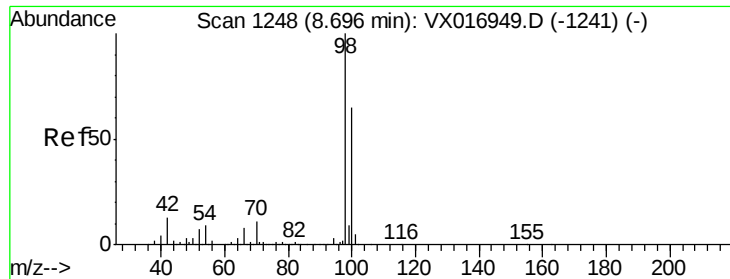
MMDadoda
6/26/2020 3:33:44 PM



#62
Toluene
Concen: 19.396 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.8	70.2





#63

Toluene-d8

Concen: 30.097 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 262246

Ion Ratio Lower Upper

98 100

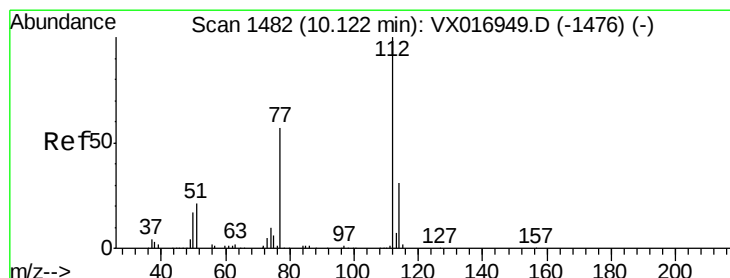
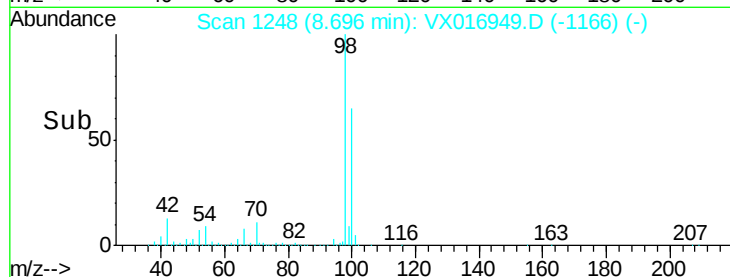
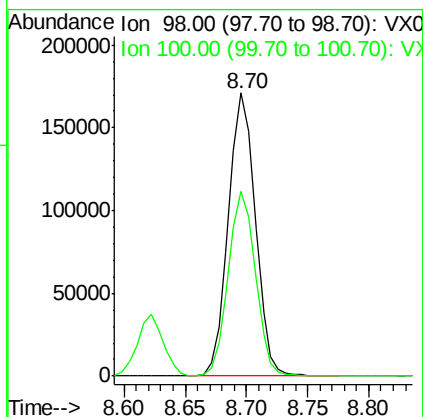
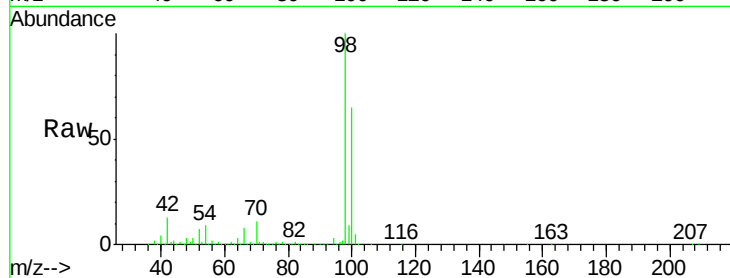
100 65.4 52.3 78.5

Manual Integrations

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#64

Chlorobenzene

Concen: 18.957 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016949.D

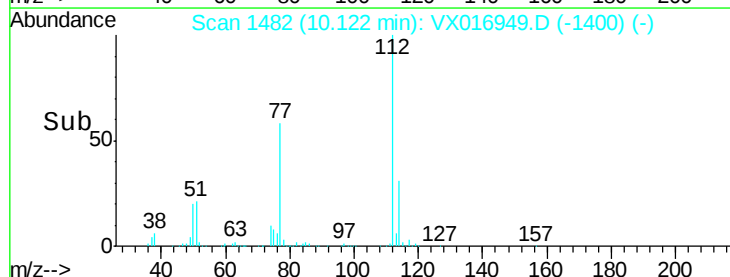
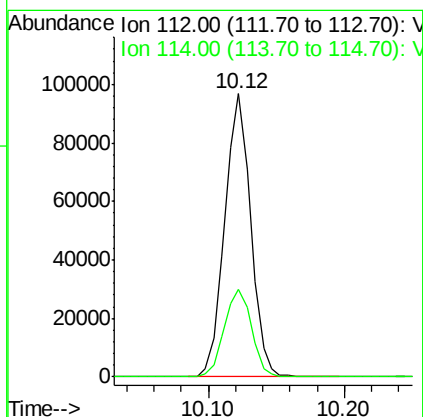
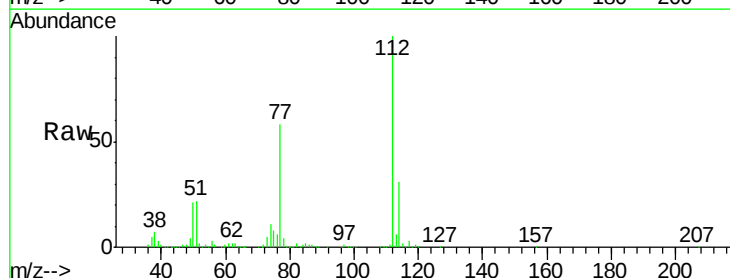
Acq: 25 Jun 2020 13:01

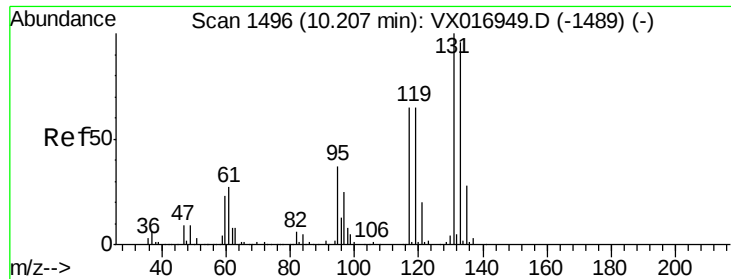
Tgt Ion: 112 Resp: 128402

Ion Ratio Lower Upper

112 100

114 31.1 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.271 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

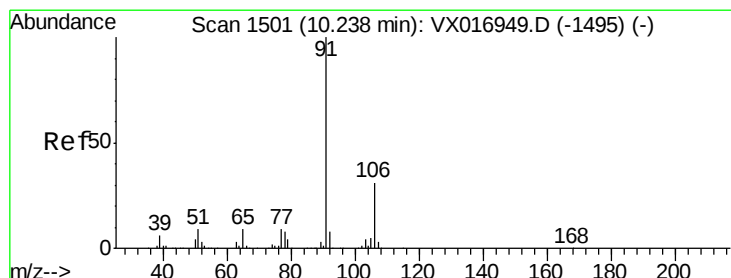
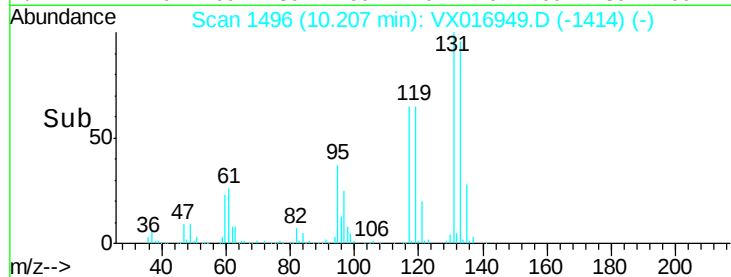
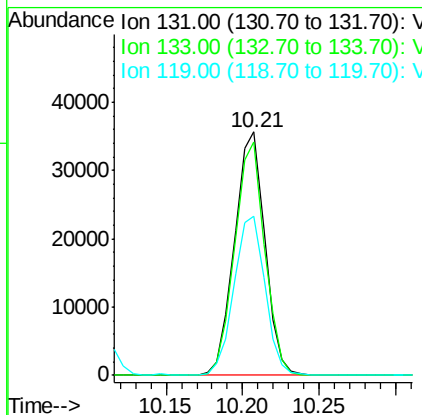
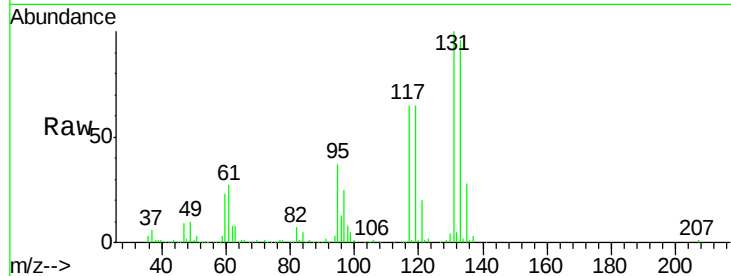
ClientSampleId :

VSTDICCC020

Tot Ion:	131	Resp:	49140
Ion	Ratio	Lower	Upper
131	100		
133	95.1	0.0	190.2
119	66.6	0.0	133.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.080 ug/l

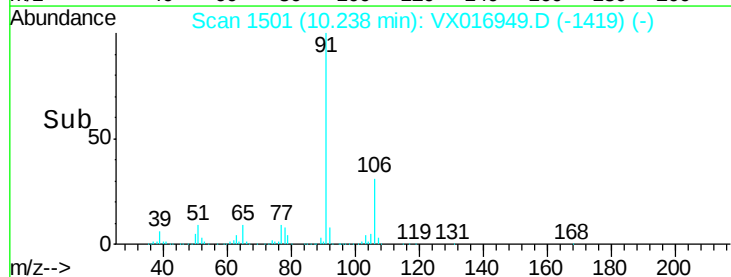
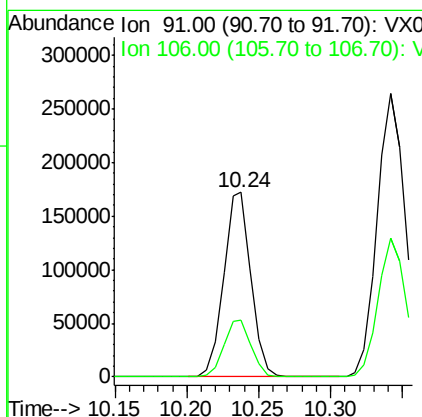
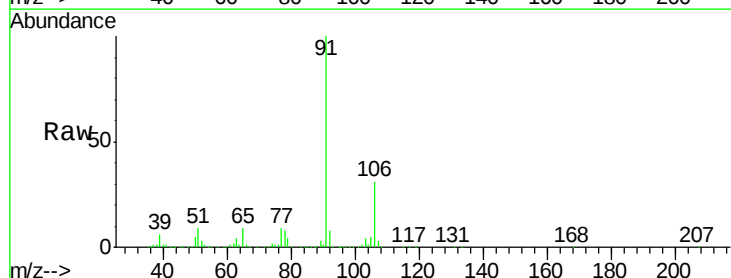
RT: 10.24 min Scan# 1501

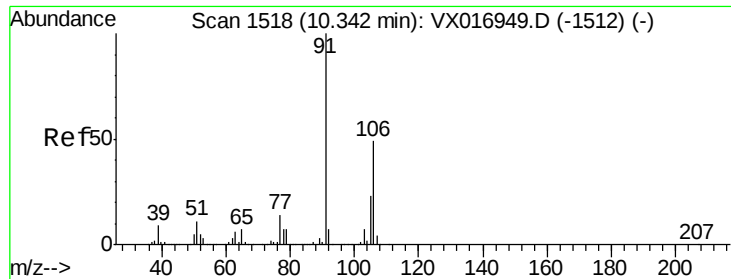
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	91	Resp:	228759
Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.8	37.2





#67

m/p-Xvlenes

Concen: 37.809 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:106 Resp: 171008

Ion Ratio Lower Upper

106 100

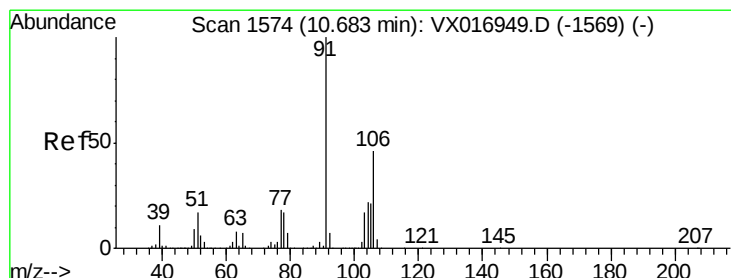
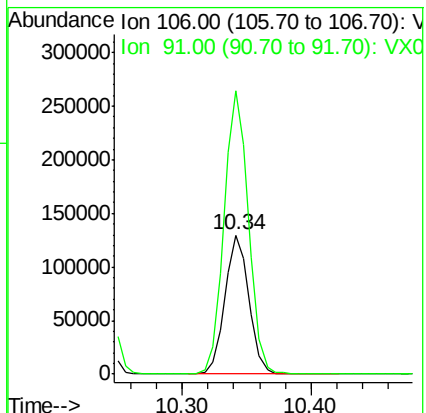
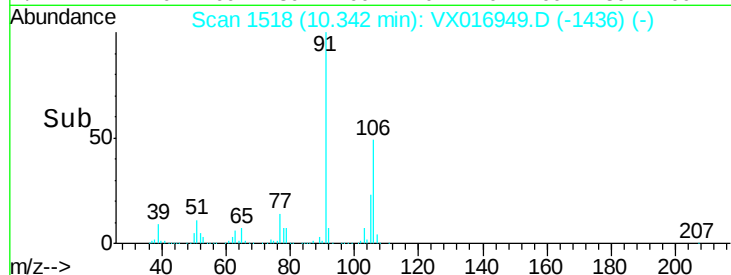
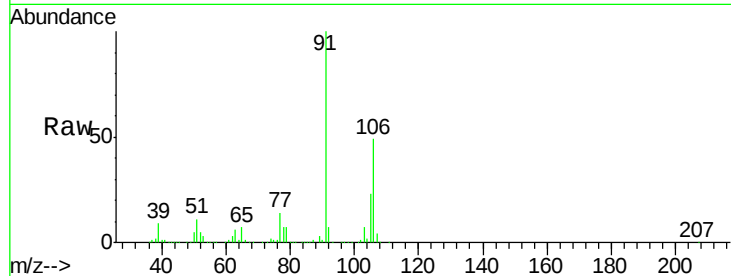
91 205.6 164.5 246.7

Manual Integrations

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#68

o-Xylene

Concen: 19.081 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016949.D

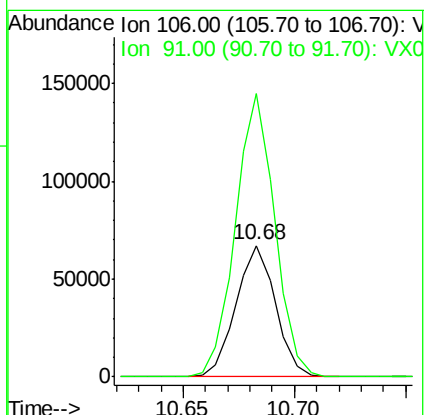
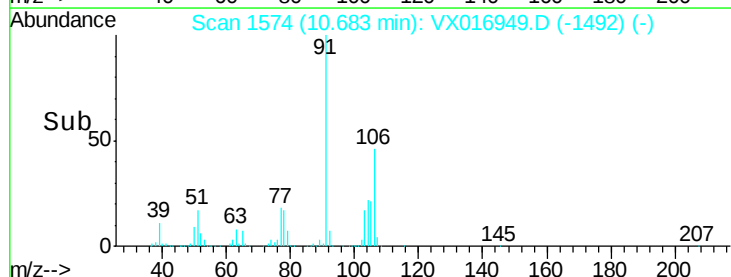
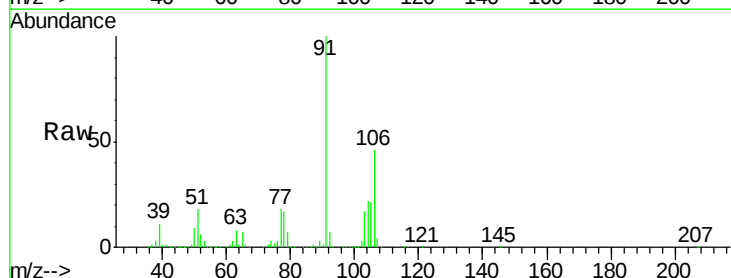
Acq: 25 Jun 2020 13:01

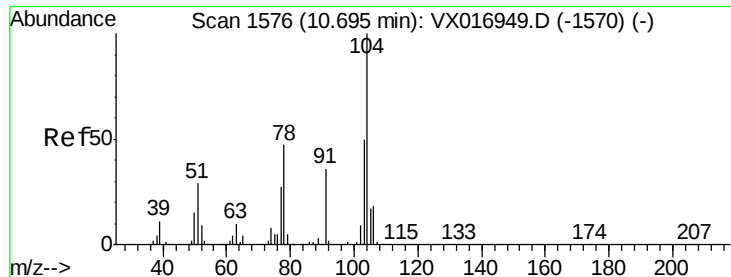
Tgt Ion:106 Resp: 82901

Ion Ratio Lower Upper

106 100

91 214.6 107.3 321.9





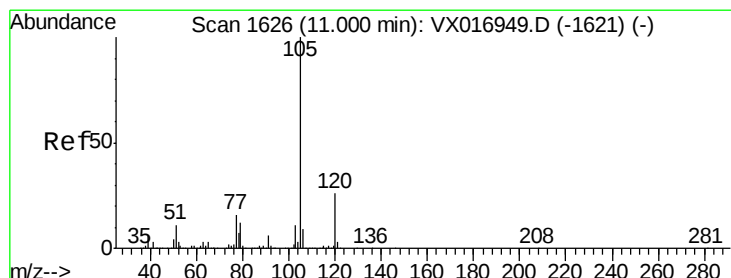
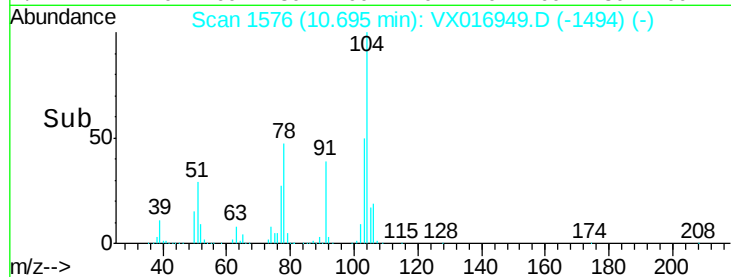
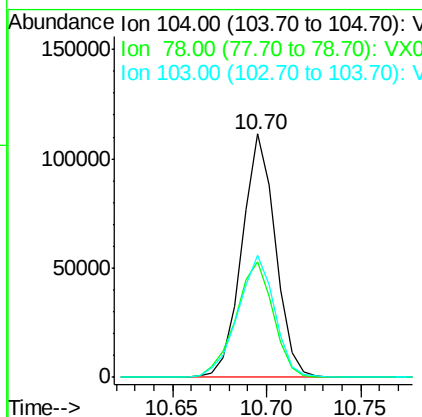
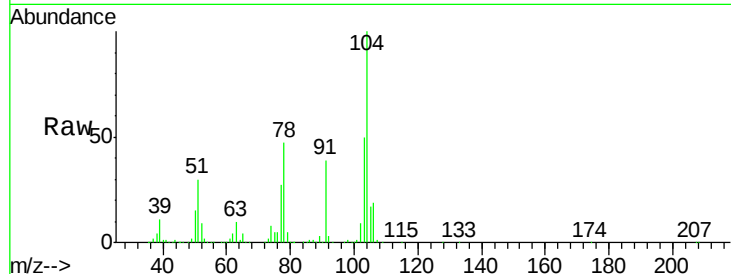
#69
Stvrene
Concen: 18.498 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	137608		
78	53.3	42.6	64.0	
103	55.1	44.1	66.1	

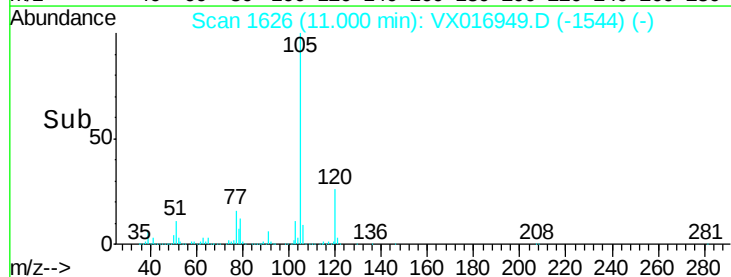
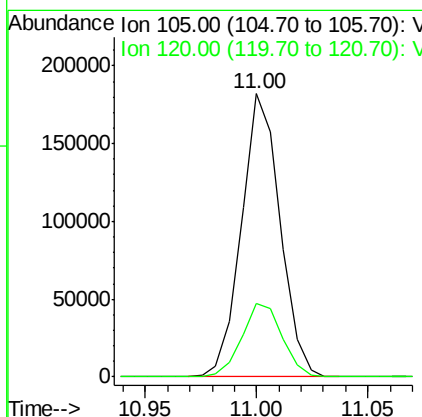
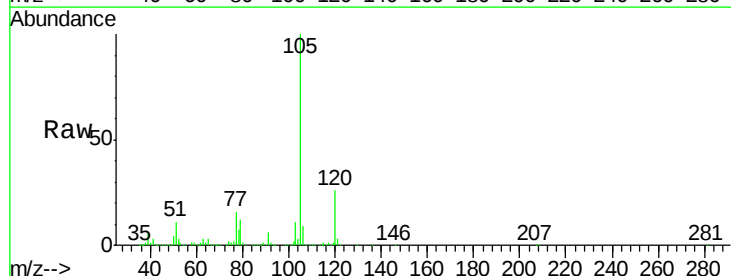
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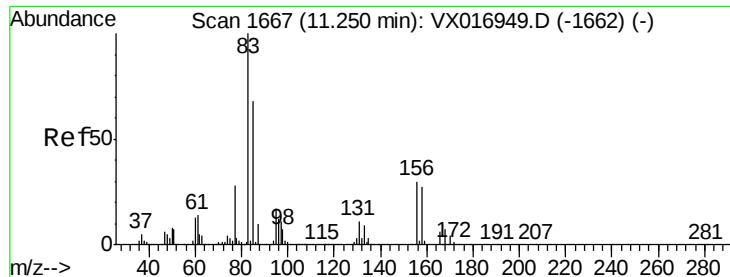
MMDadoda
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#70
Isopropylbenzene
Concen: 18.712 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220499		
120	27.2	19.0	35.4	





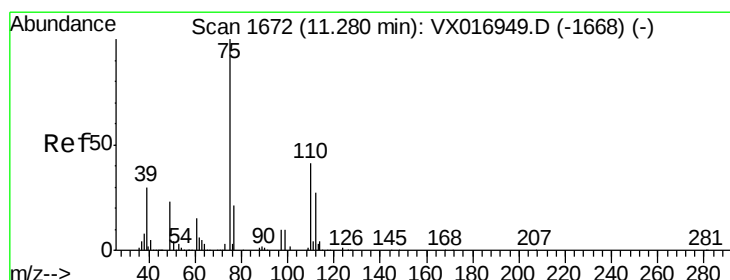
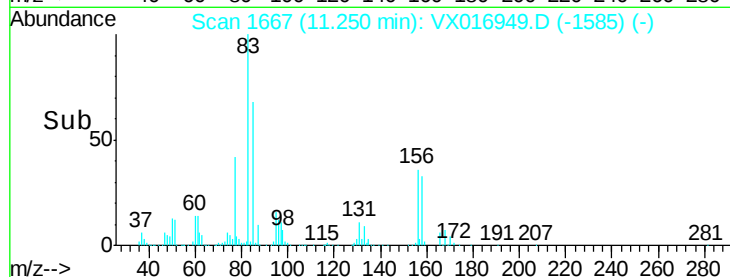
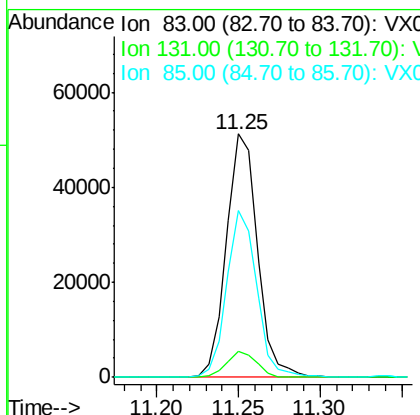
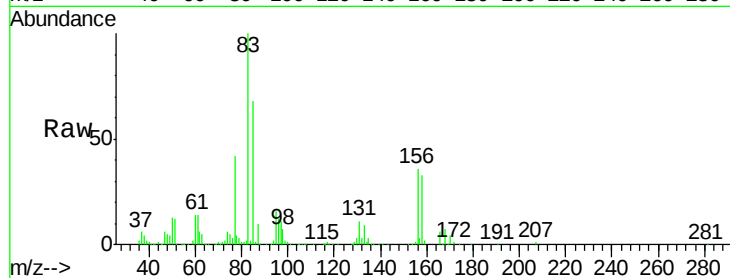
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.825 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	66.2	33.1	99.3

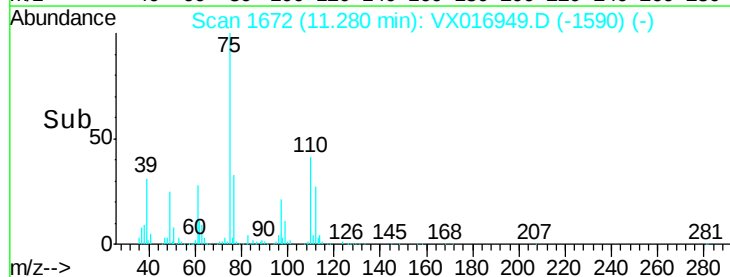
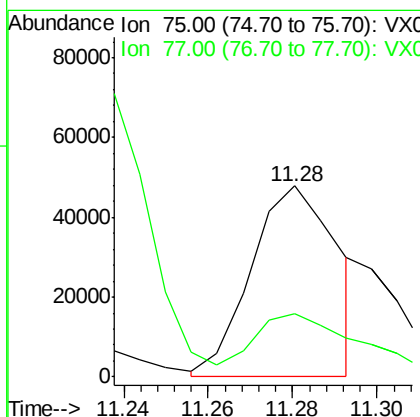
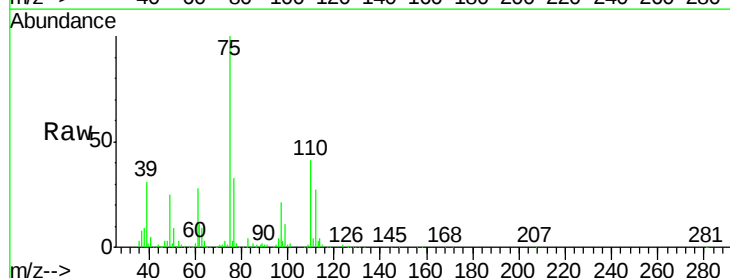
Manual Integrations
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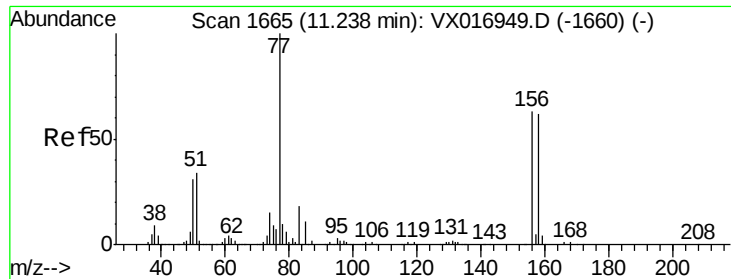
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 6/26/2020 3:33:44 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.543 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.6	0.0	77.2





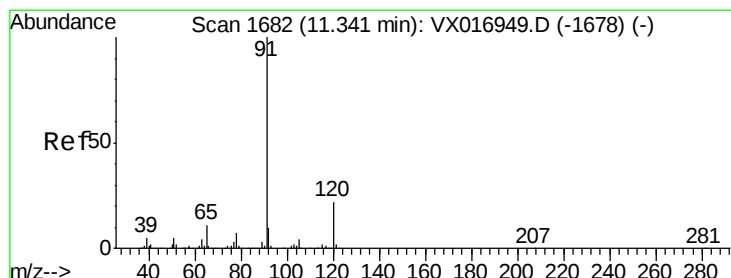
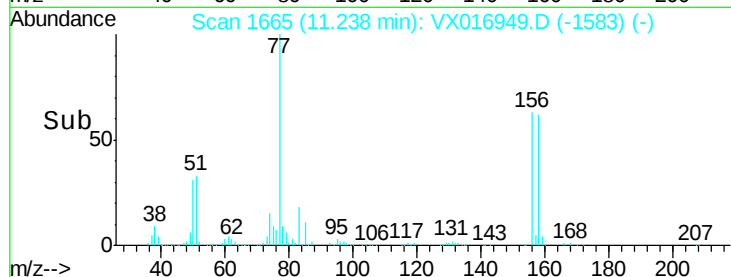
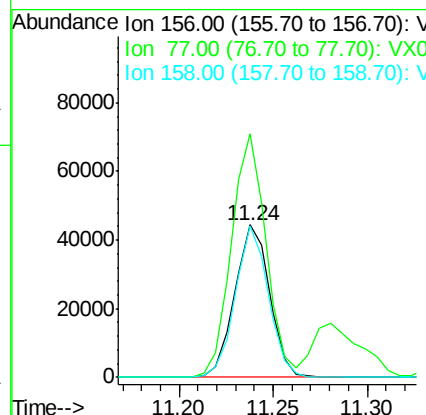
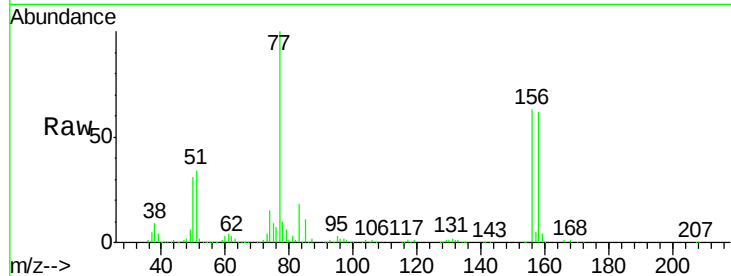
#73
Bromobenzene
Concen: 19.146 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.6	0.0	317.2
158	94.2	0.0	188.4

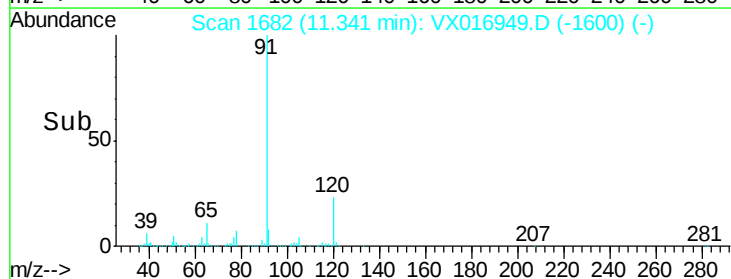
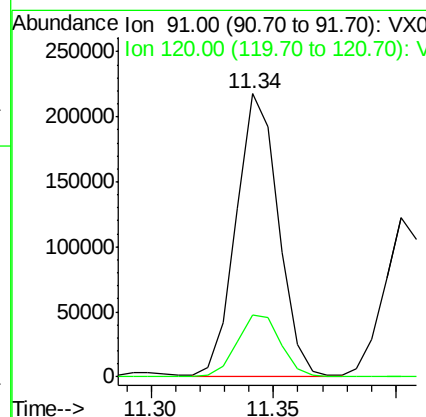
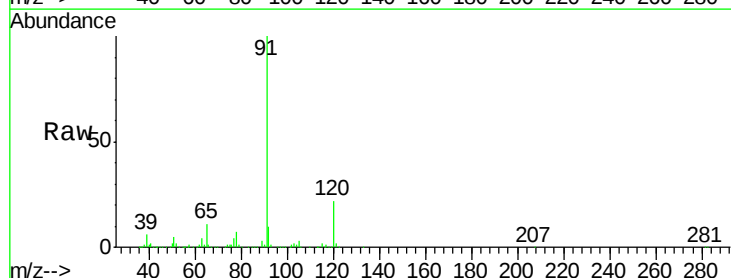
Manual Integrations
APPROVED

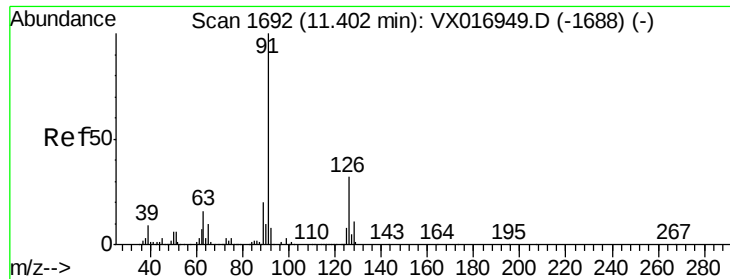
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6/26/2020 3:33:44 PM



#74
n-propylbenzene
Concen: 18.655 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	45.6





#75

2-Chlorotoluene

Concen: 18.466 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 150662

Ion Ratio Lower Upper

91 100

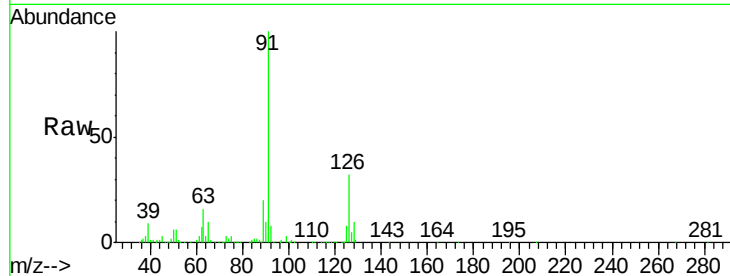
126 34.0 0.0 68.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX016949.D (-1688) (-)

200000

150000

100000

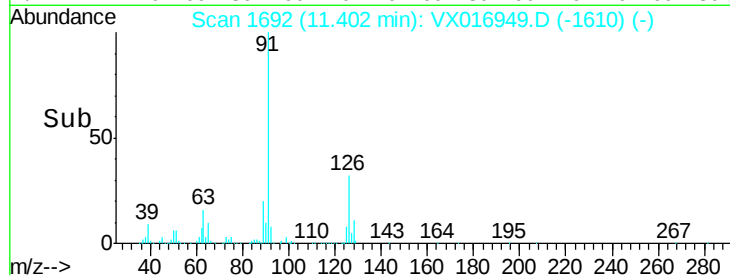
50000

0

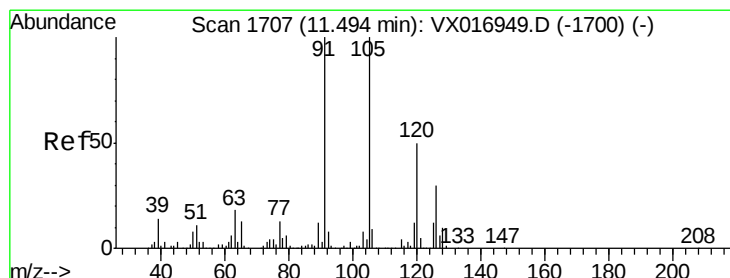
11.35

11.40

11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.647 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016949.D

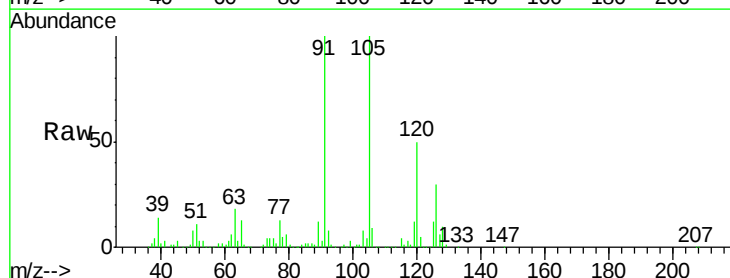
Acq: 25 Jun 2020 13:01

Tgt Ion: 105 Resp: 184437

Ion Ratio Lower Upper

105 100

120 49.7 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX016949.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016949.D (-1700) (-)

150000

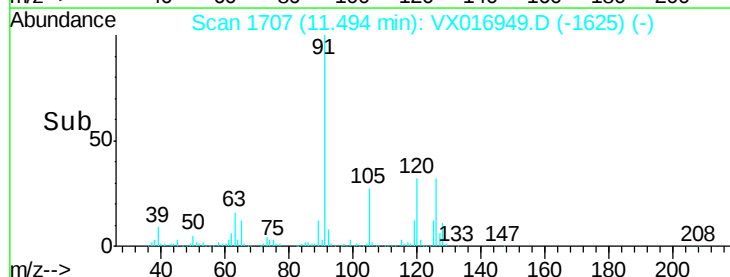
100000

50000

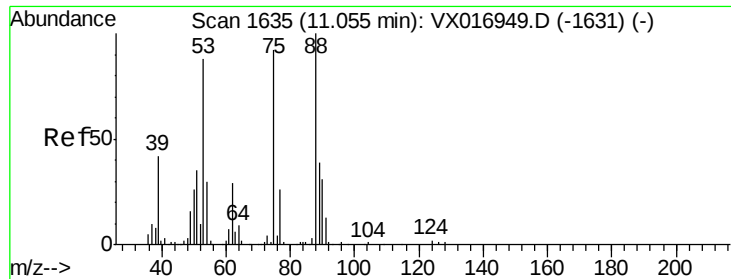
0

11.45

11.50



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 18.314 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

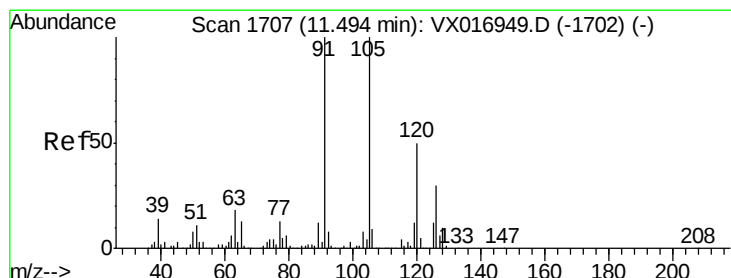
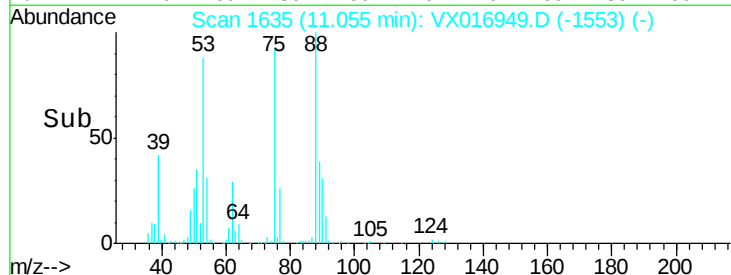
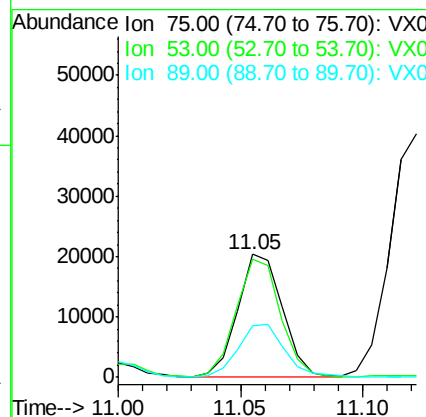
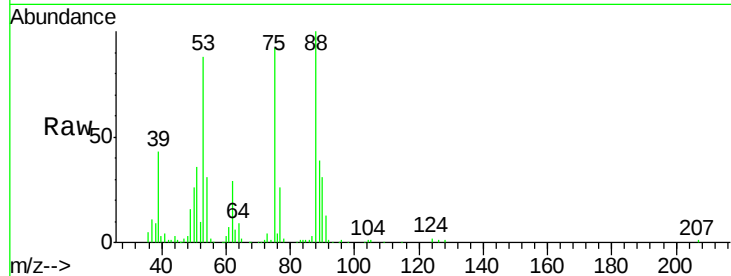
ClientSampled :

VSTDICCC020

Tot Ion:	75	Resp:	25794
Ion	Ratio	Lower	Upper
75	100		
53	95.3	47.6	142.9
89	42.3	21.1	63.4

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#78

4-Chlorotoluene

Concen: 18.544 ug/l

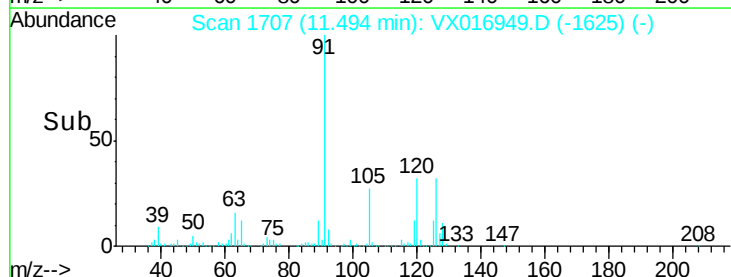
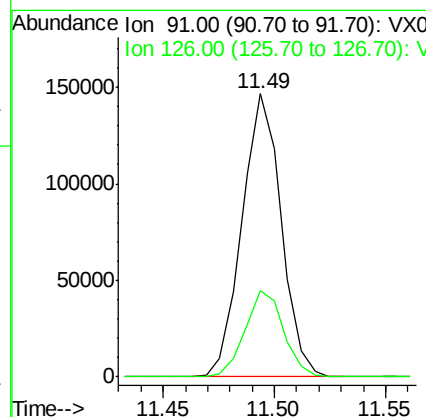
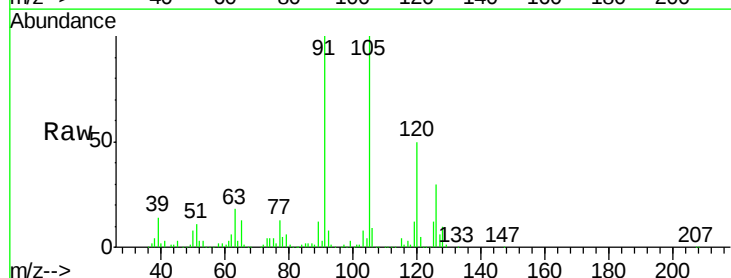
RT: 11.49 min Scan# 1707

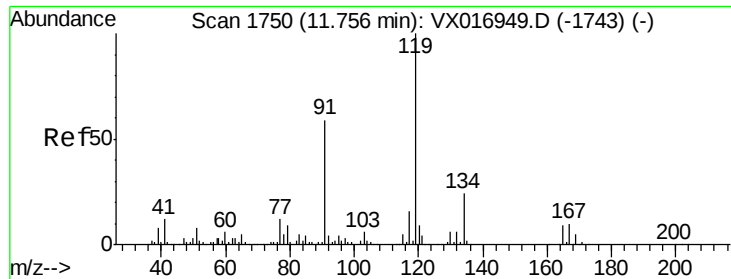
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	91	Resp:	179139
Ion	Ratio	Lower	Upper
91	100		
126	30.3	0.0	60.6





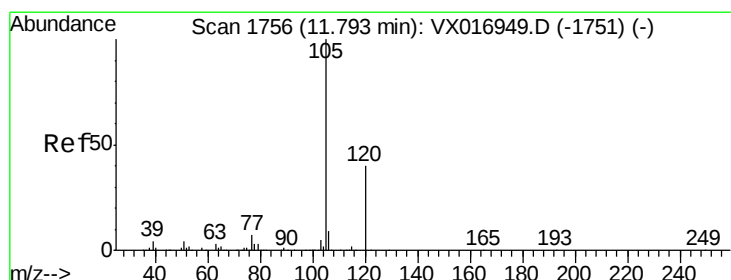
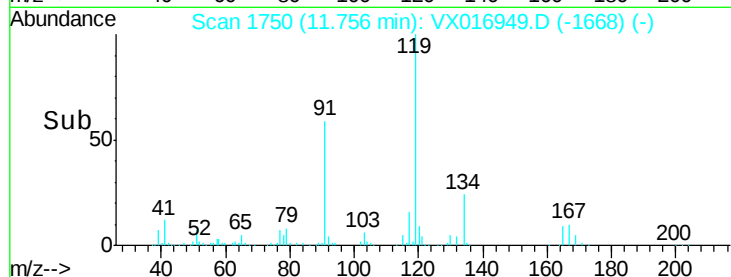
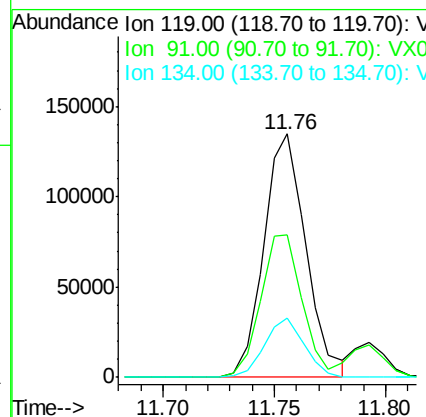
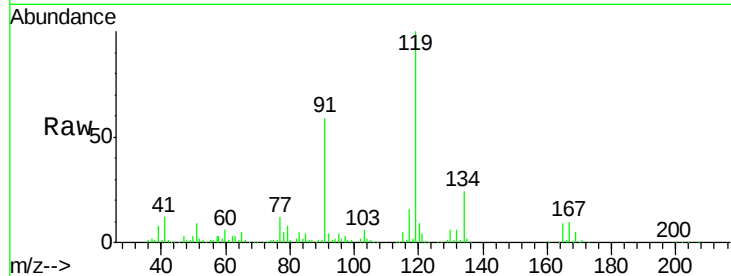
#79
tert-butylbenzene
Concen: 18.712 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177301		
91	57.6	0.0	115.2	
134	22.9	0.0	45.8	

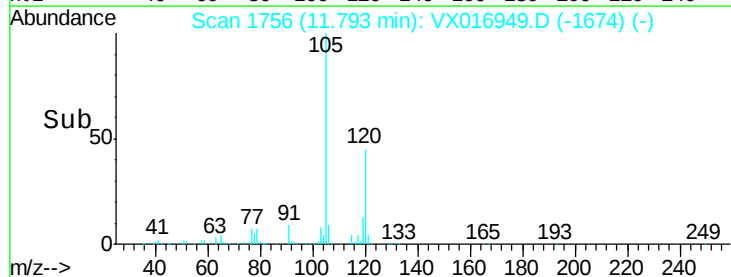
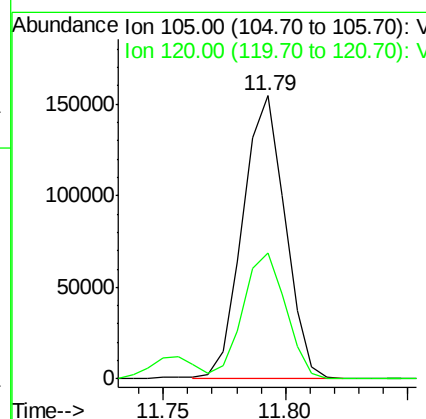
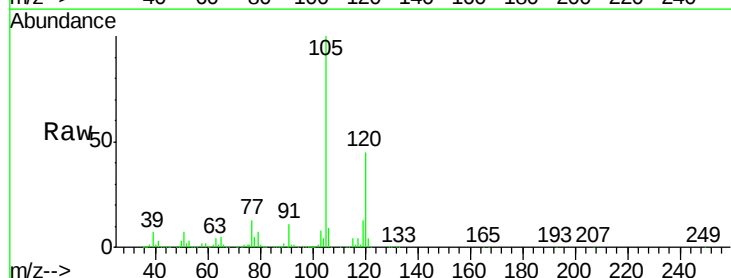
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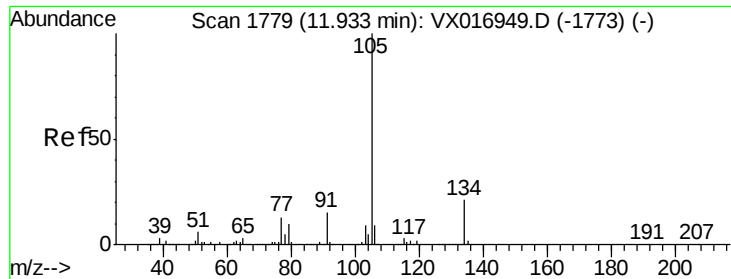
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#80
1,2,4-Trimethylbenzene
Concen: 18.813 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186817		
120	44.9	0.0	89.8	





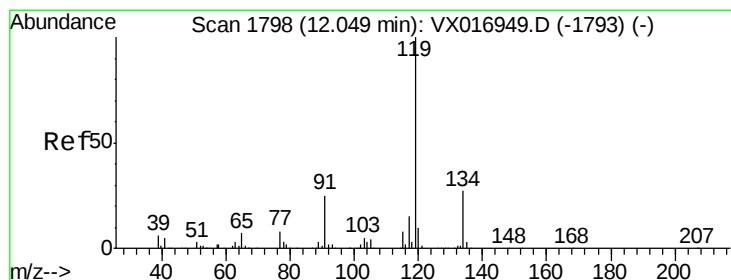
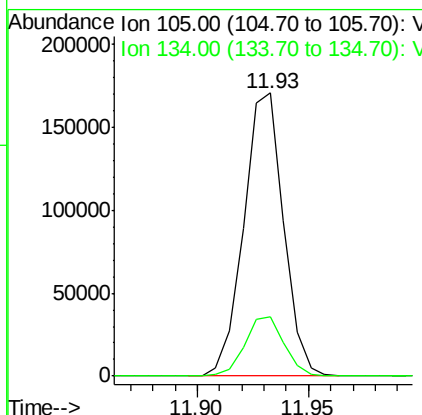
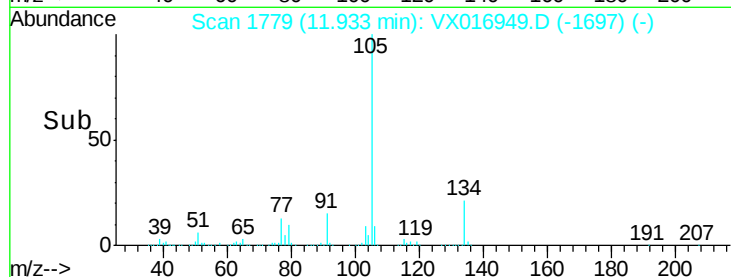
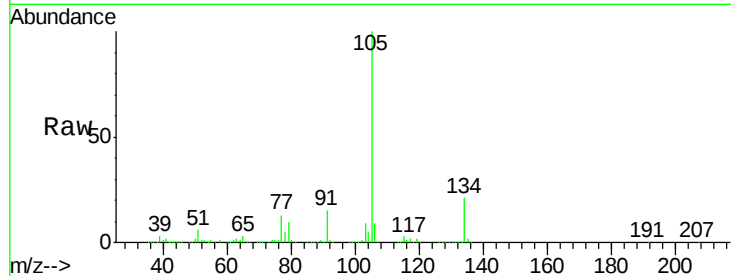
#81
 sec-Butylbenzene
 Concen: 18.582 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	213174		
134	20.6	0.0	41.2	

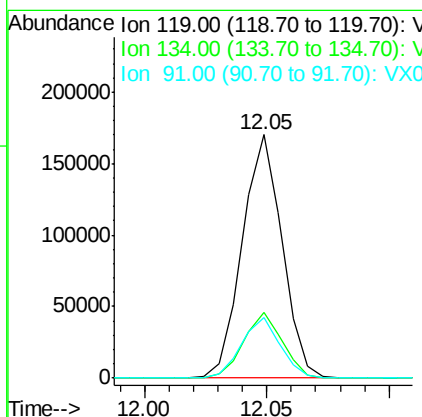
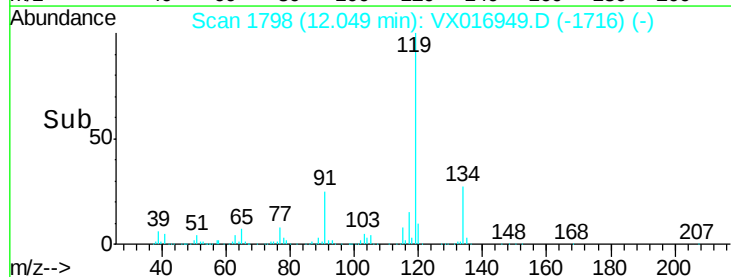
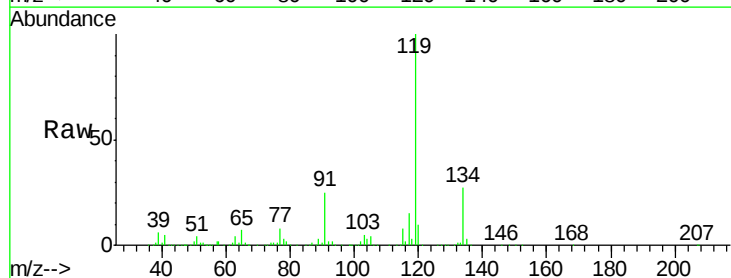
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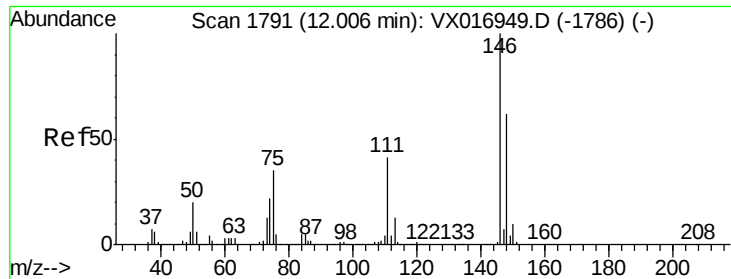
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#82
 p-Isopropyltoluene
 Concen: 18.619 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	192863		
134	26.5	0.0	53.0	
91	24.5	0.0	49.0	





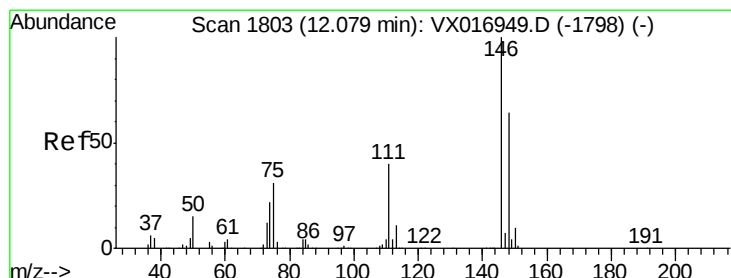
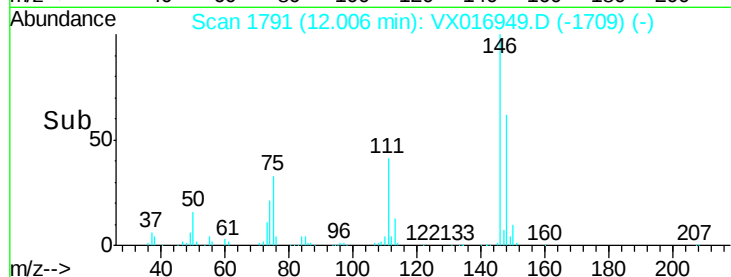
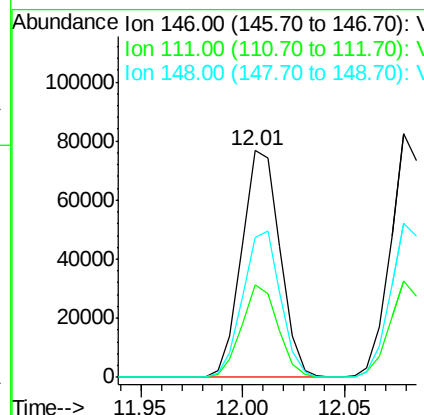
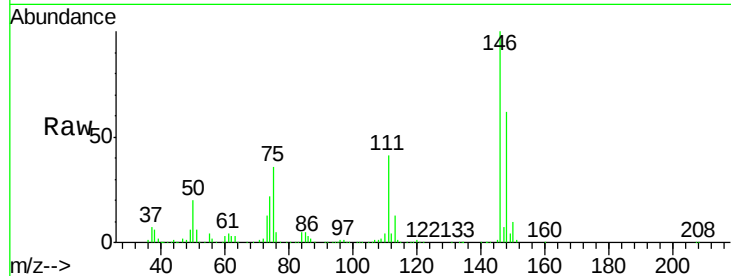
#83
 1,3-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.6	31.8	95.4

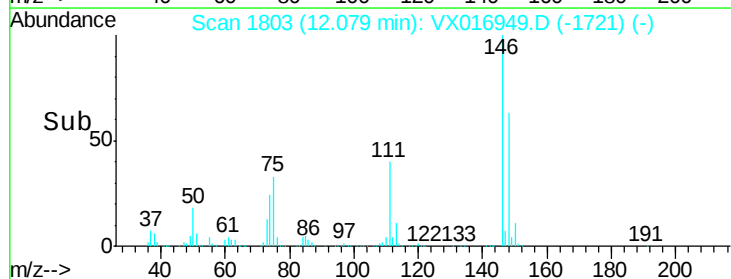
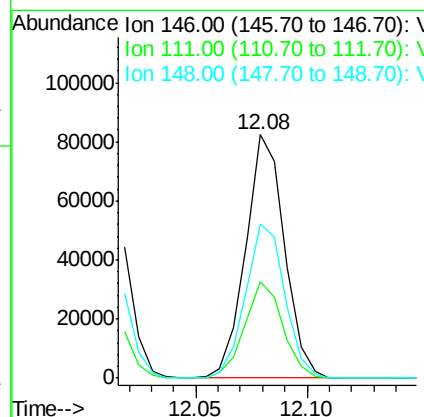
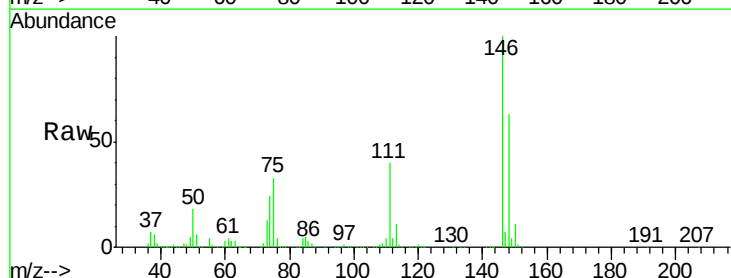
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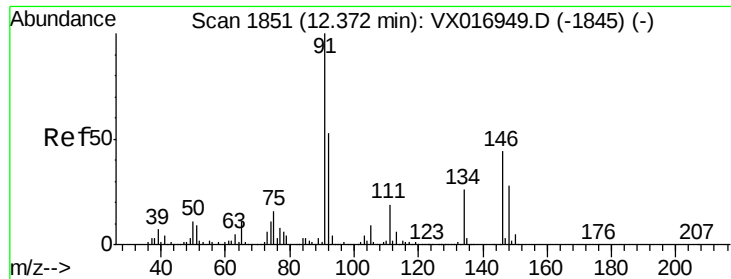
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#84
 1,4-Dichlorobenzene
 Concen: 18.778 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.2	32.1	96.3





#85

n-Butylbenzene

Concen: 18.426 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Instrument :

MSVOA_X

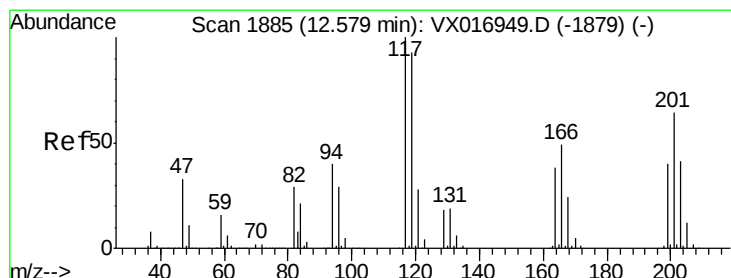
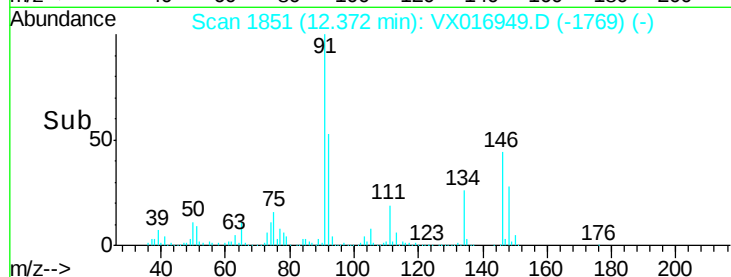
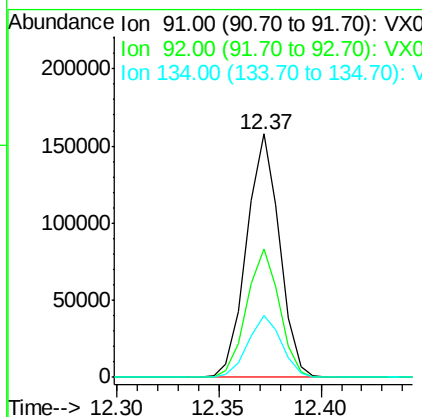
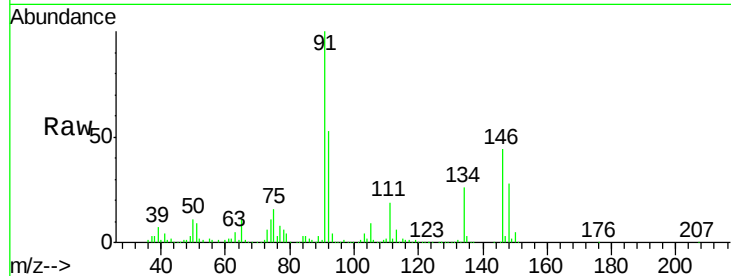
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	176667
Ion	Ratio	Lower	Upper
91	100		
92	52.9	0.0	105.8
134	26.1	0.0	52.2

Manual Integrations
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#86

Hexachloroethane

Concen: 18.766 ug/l

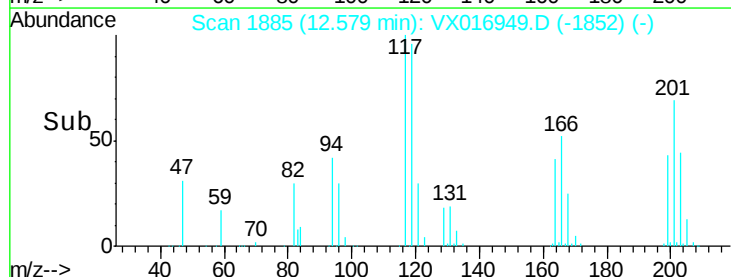
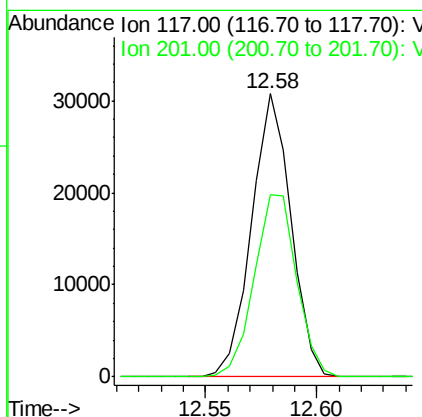
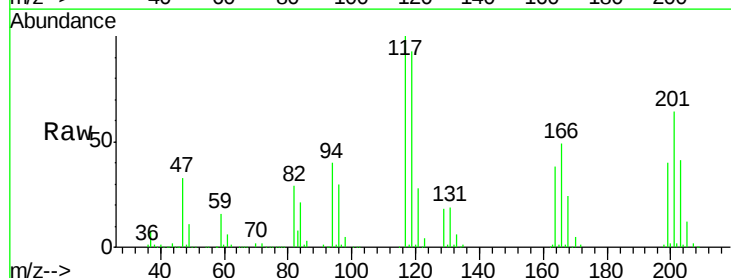
RT: 12.58 min Scan# 1885

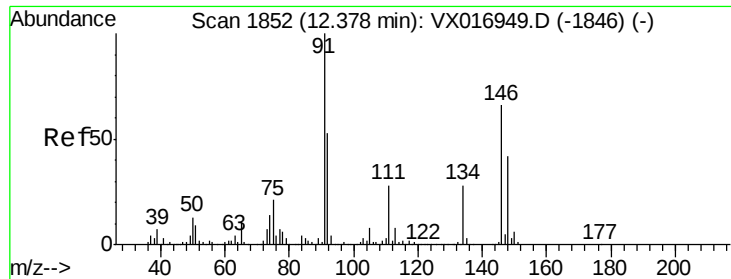
Delta R.T. 0.00 min

Lab File: VX016949.D

Acq: 25 Jun 2020 13:01

Tgt Ion:	117	Resp:	38042
Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.6	103.9





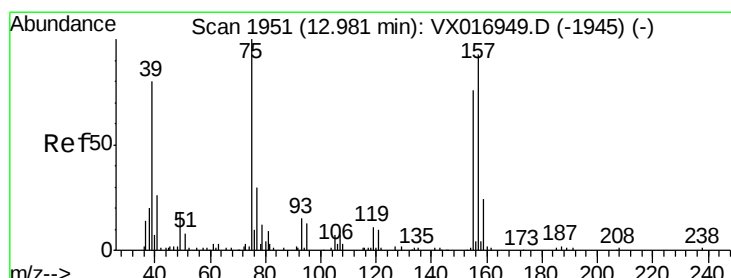
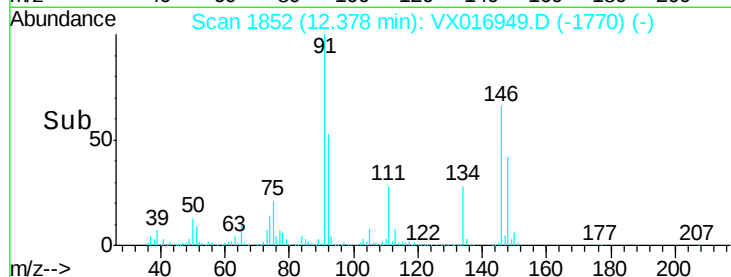
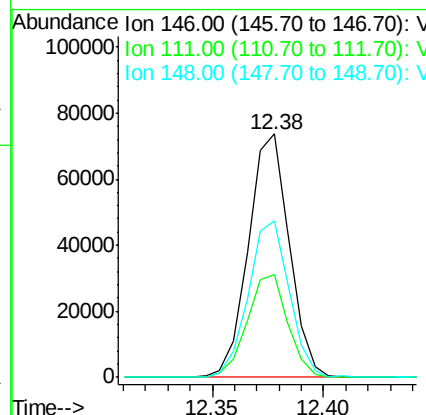
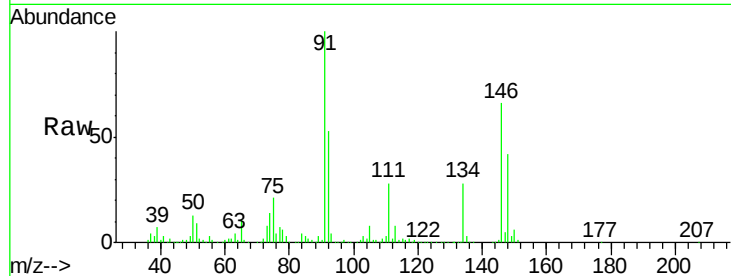
#87
 1,2-Dichlorobenzene
 Concen: 18.937 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	64.2	32.1	96.3

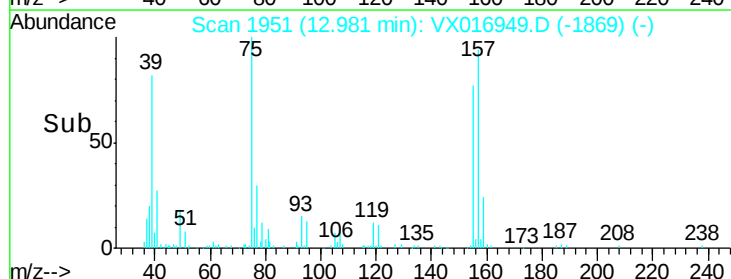
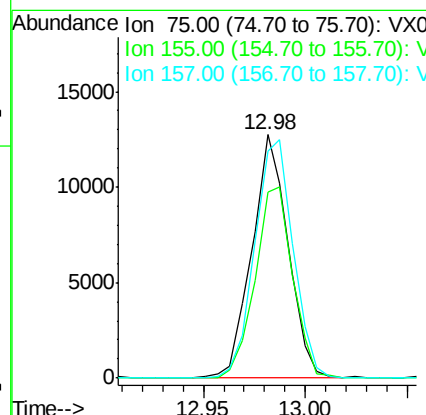
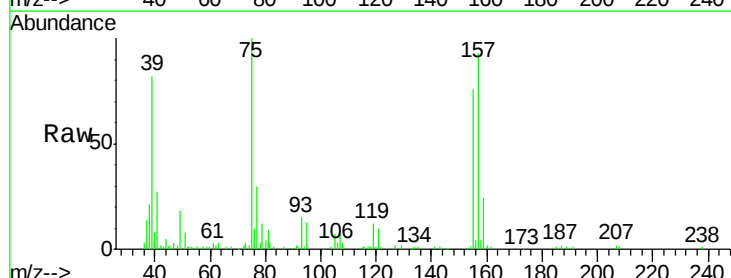
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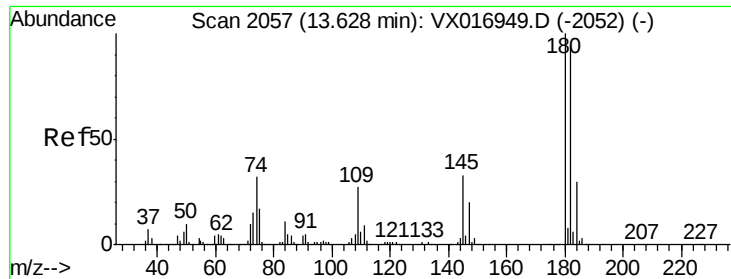
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.139 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	65.0	97.6
157	103.7	83.0	124.4





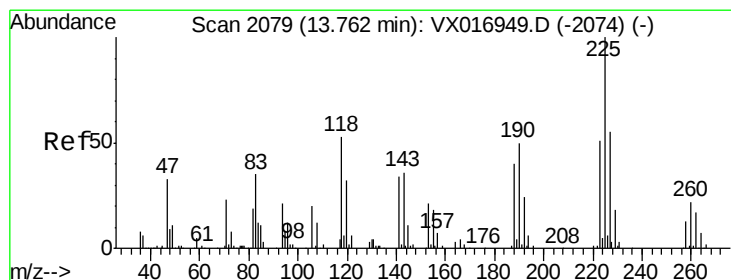
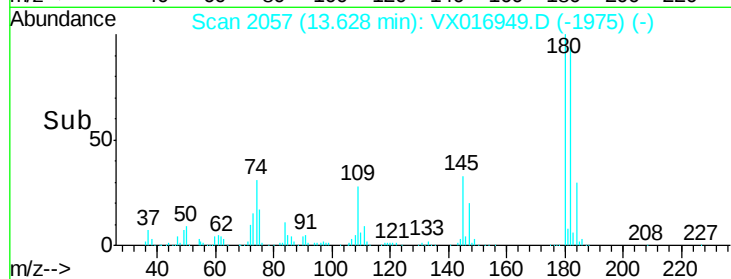
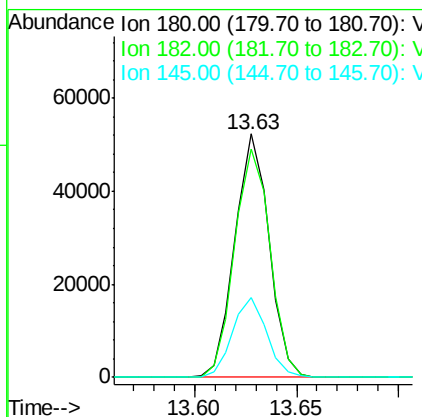
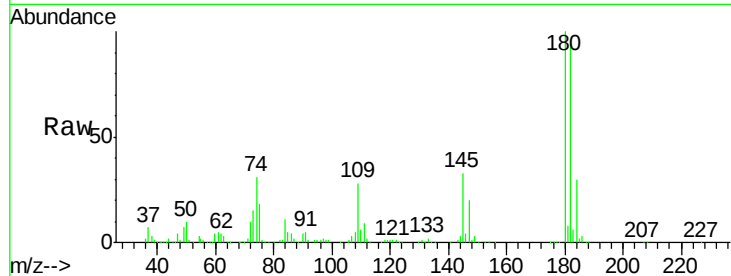
#89
 1,2,4-Trichlorobenzene
 Concen: 18.111 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.7	116.5
145	32.7	26.2	39.2

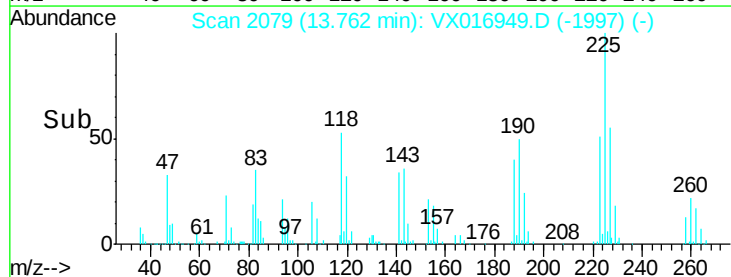
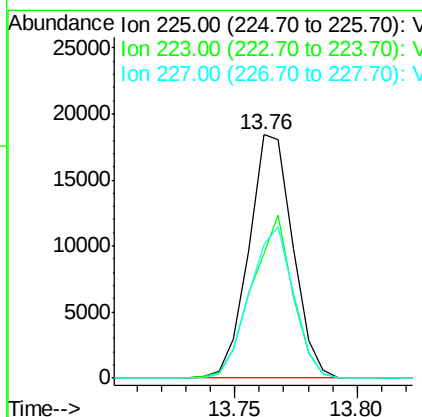
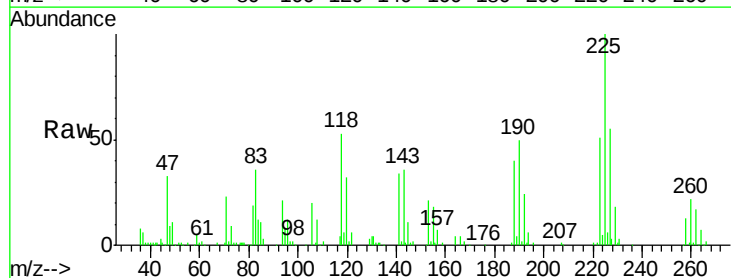
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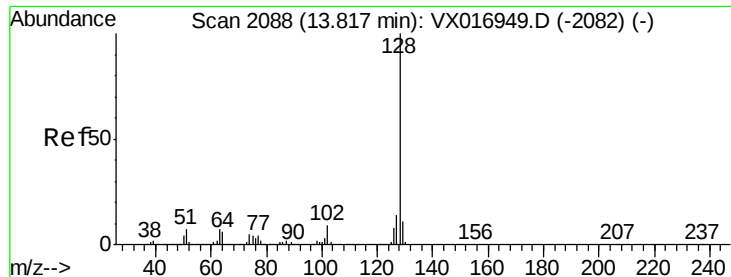
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#90
 Hexachlorobutadiene
 Concen: 18.030 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016949.D
 Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	125.0
227	62.0	0.0	124.0





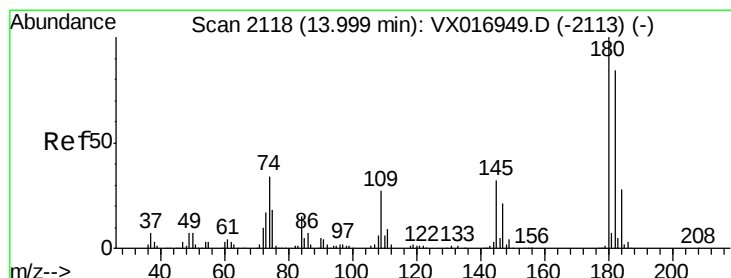
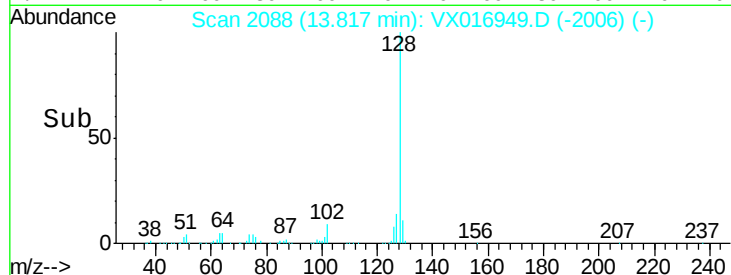
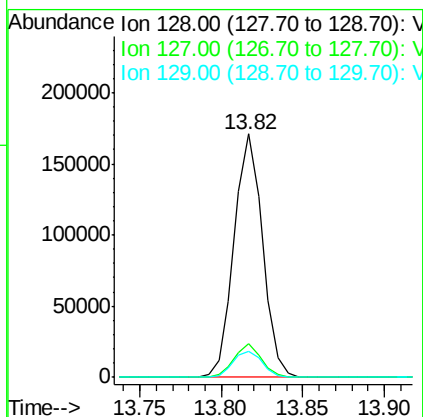
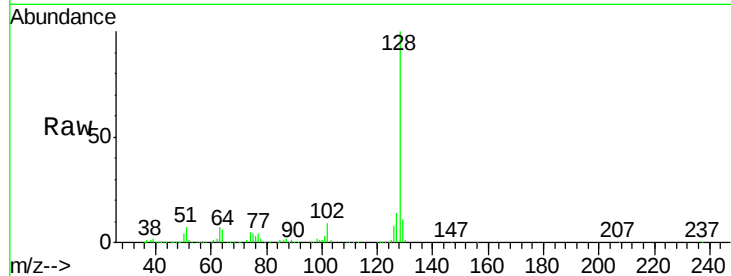
#91
Naphthalene
Concen: 18.792 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.2	9.0	13.4

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.484 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016949.D
Acq: 25 Jun 2020 13:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	0.0	184.8
145	34.0	0.0	68.0

