

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016627.D
 Acq On : 08 Jun 2020 10:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:11 AM

Quant Time: Jun 09 05:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	223500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	326688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	309017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	128590	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
35) Dibromofluoromethane	5.46	113	101287	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.70	98	389776	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.12	95	150784	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96592	43.916	ug/l	98
3) Chloromethane	1.31	50	105213	39.584	ug/l	100
4) Vinyl Chloride	1.39	62	117720	41.880	ug/l	100
5) Bromomethane	1.62	94	65304	47.782	ug/l	99
6) Chloroethane	1.70	64	76721	46.790	ug/l	99
7) Trichlorofluoromethane	1.91	101	187525	50.799	ug/l	99
8) Diethyl Ether	2.17	74	73224	47.570	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103901	51.140	ug/l	98
10) Methyl Iodide	2.49	142	107487	44.631	ug/l	100
11) Tert butyl alcohol	3.01	59	153248	215.313	ug/l	100
12) 1,1-Dichloroethene	2.36	96	101863	47.366	ug/l	99
13) Acrolein	2.27	56	87982	290.593	ug/l	96
14) Allyl chloride	2.70	41	164377	41.562	ug/l	96
15) Acrylonitrile	3.11	53	321599	220.581	ug/l	99
16) Acetone	2.42	43	289600	238.149	ug/l	99
17) Carbon Disulfide	2.54	76	264727	41.452	ug/l	100
18) Methyl Acetate	2.75	43	142669	45.743	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	373896	48.417	ug/l	97
20) Methylene Chloride	2.83	84	114378	45.461	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	108975	45.812	ug/l	95
22) Diisopropyl ether	3.82	45	327558	43.113	ug/l	96
23) Vinyl Acetate	3.78	43	1469546	220.976	ug/l	95
24) 1,1-Dichloroethane	3.67	63	191497	44.656	ug/l	99
25) 2-Butanone	4.63	43	430745	209.045	ug/l	94
26) 2,2-Dichloropropane	4.55	77	184504	52.581	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	127493	46.329	ug/l	98
28) Bromochloromethane	4.98	49	84080	42.193	ug/l	85
29) Tetrahydrofuran	5.08	42	278027	208.853	ug/l	93
30) Chloroform	5.17	83	206180	47.718	ug/l	99
31) Cyclohexane	5.54	56	158401	41.059	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	189711	48.497	ug/l	98
36) 1,1-Dichloropropene	5.76	75	148551	48.026	ug/l	97
37) Ethyl Acetate	4.79	43	162925	43.873	ug/l	97
38) Carbon Tetrachloride	5.75	117	173828	53.477	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169053	50.319	ug/l	95
40) Benzene	6.11	78	446625	48.488	ug/l	99
41) Methacrylonitrile	4.99	41	89376	43.816	ug/l	96
42) 1,2-Dichloroethane	6.15	62	167854	51.242	ug/l	100
43) Isopropyl Acetate	6.40	43	262158	45.259	ug/l	97
44) Trichloroethene	7.19	130	149005	50.985	ug/l	94
45) 1,2-Dichloropropane	7.49	63	112788	48.098	ug/l	97
46) Dibromomethane	7.63	93	80247	50.949	ug/l	96
47) Bromodichloromethane	7.87	83	169306	51.915	ug/l	99
48) Methyl methacrylate	7.74	41	128475	46.323	ug/l	96
49) 1,4-Dioxane	7.71	88	62688	965.837	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	829224	229.909	ug/l	97
52) Toluene	8.76	92	294665	50.730	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193050	52.058	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	201869	51.429	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	120938	52.366	ug/l	96
56) Ethyl methacrylate	9.16	69	188468	50.108	ug/l	96
57) 1,3-Dichloropropane	9.35	76	201832	50.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	491349	250.277	ug/l	96
59) 2-Hexanone	9.47	43	643597	229.462	ug/l	97
60) Dibromochloromethane	9.57	129	144452	55.580	ug/l	99
61) 1,2-Dibromoethane	9.65	107	129091	52.198	ug/l	100
64) Tetrachloroethene	9.32	164	182216	52.706	ug/l	100
65) Chlorobenzene	10.12	112	318429	50.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	127980	53.217	ug/l	98
67) Ethyl Benzene	10.23	91	561803	50.086	ug/l	99
68) m/p-Xylenes	10.34	106	426331	102.512	ug/l	100
69) o-Xylene	10.68	106	201703	50.080	ug/l	99
70) Styrene	10.70	104	362394	52.347	ug/l	100
71) Bromoform	10.84	173	114554	56.363	ug/l #	99
73) Isopropylbenzene	11.00	105	549089	48.785	ug/l	100
74) N-amyl acetate	10.88	43	219944	42.484	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	134014	47.509	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	173866m	48.694	ug/l	
77) Bromobenzene	11.24	156	145469	49.277	ug/l	96
78) n-propylbenzene	11.34	91	615797	48.971	ug/l	98
79) 2-Chlorotoluene	11.40	91	376947	49.110	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	475427	50.588	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	68394	47.118	ug/l	98
82) 4-Chlorotoluene	11.49	91	448973	49.534	ug/l	99
83) tert-Butylbenzene	11.76	119	401136	49.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	482048	50.719	ug/l	100
85) sec-Butylbenzene	11.93	105	519539	51.575	ug/l	100
86) p-Isopropyltoluene	12.05	119	499665	52.951	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	259600	50.759	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	263816	50.436	ug/l	100
89) n-Butylbenzene	12.37	91	419691	53.397	ug/l	99
90) Hexachloroethane	12.58	117	85556	52.491	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	254099	51.281	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44557	48.767	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186353	56.628	ug/l	97
94) Hexachlorobutadiene	13.76	225	79503	61.532	ug/l	98
95) Naphthalene	13.82	128	592505	52.521	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	180855	56.096	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 223500

Ion Ratio Lower Upper

168 100

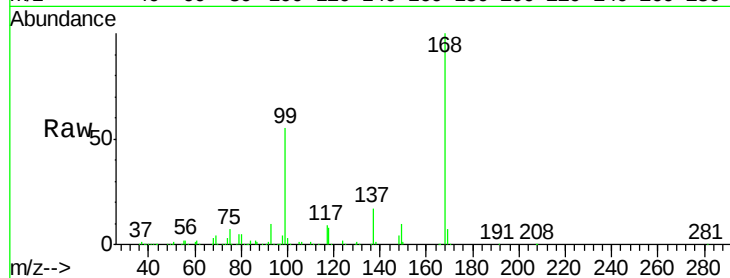
99 55.1 45.2 67.8

Manual Integrations

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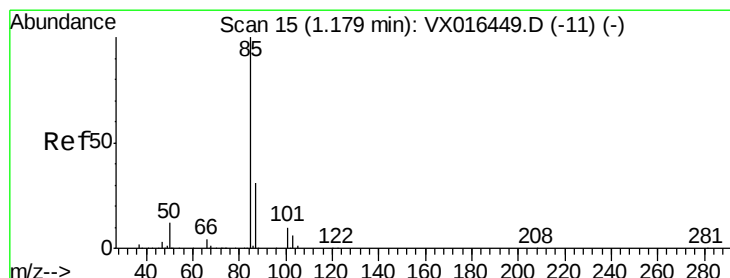
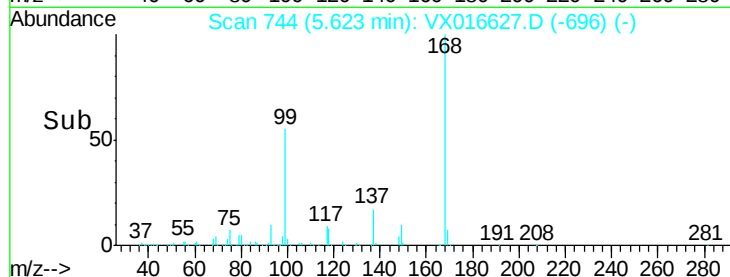
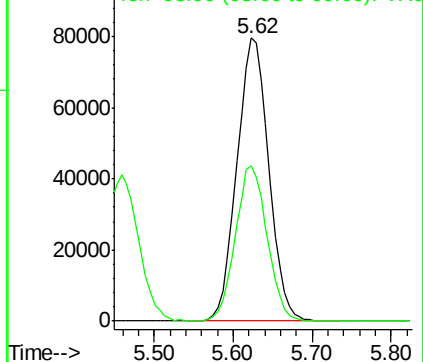
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.916 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016627.D

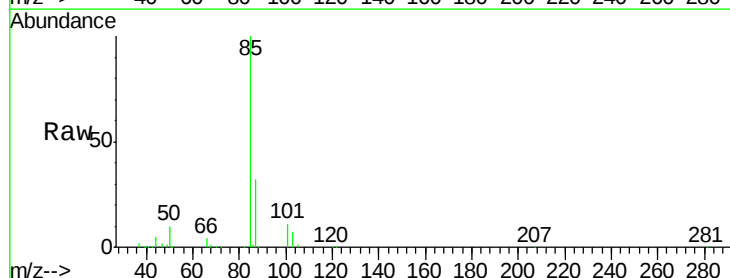
Acq: 08 Jun 2020 10:25

Tgt Ion: 85 Resp: 96592

Ion Ratio Lower Upper

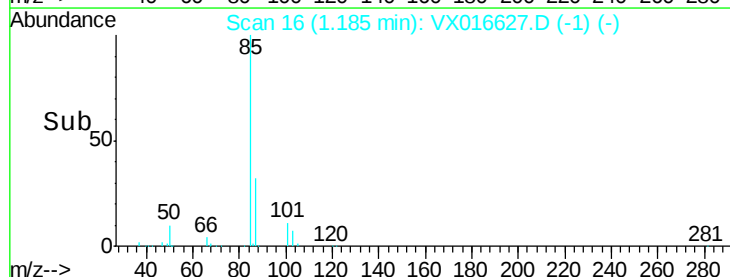
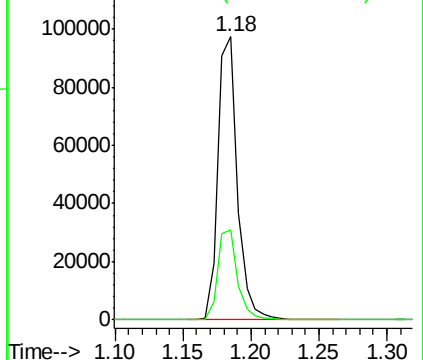
85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.584 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 105213

Ion Ratio Lower Upper

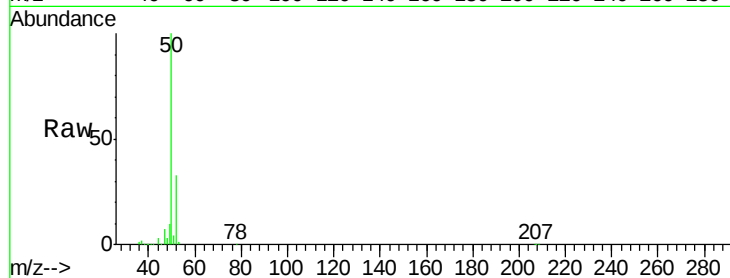
50 100

52 32.5 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

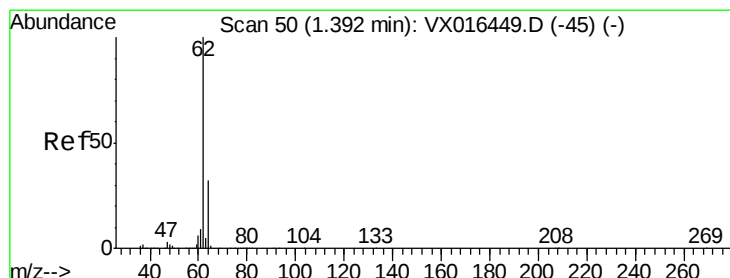
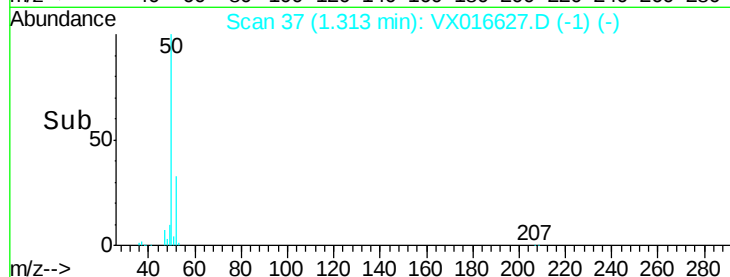
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 41.880 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016627.D

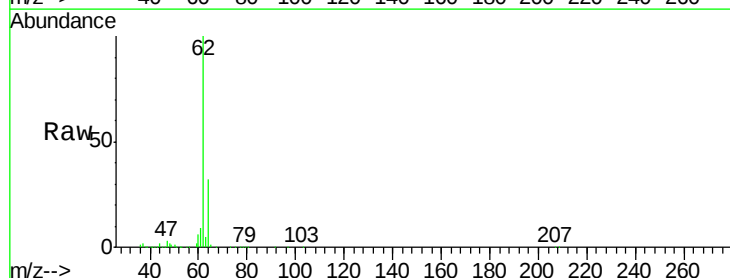
Acq: 08 Jun 2020 10:25

Tgt Ion: 62 Resp: 117720

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

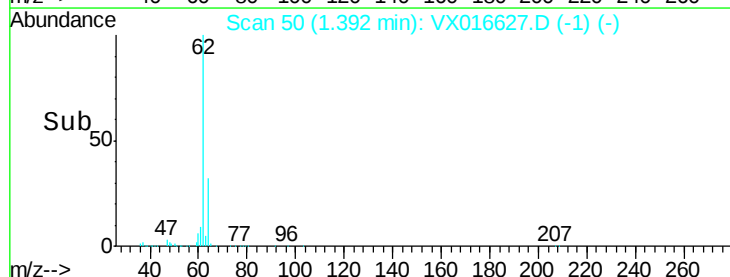
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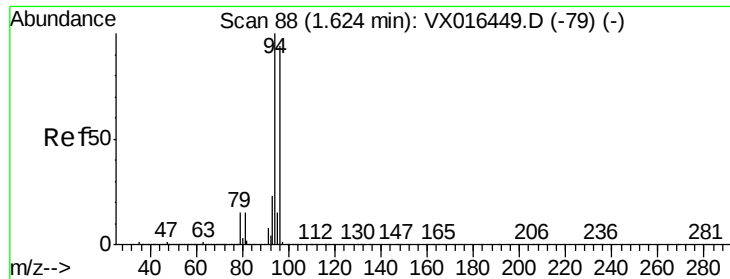
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.782 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65304

Ion Ratio Lower Upper

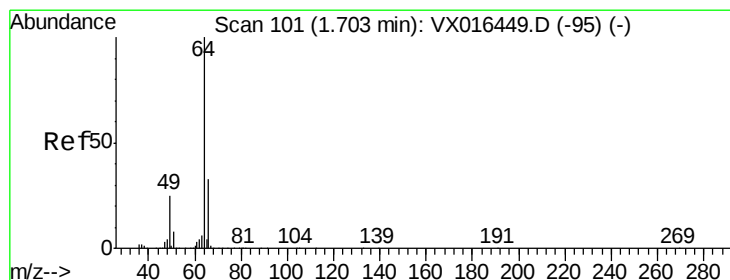
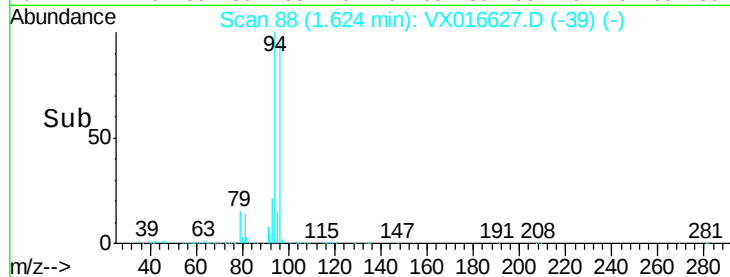
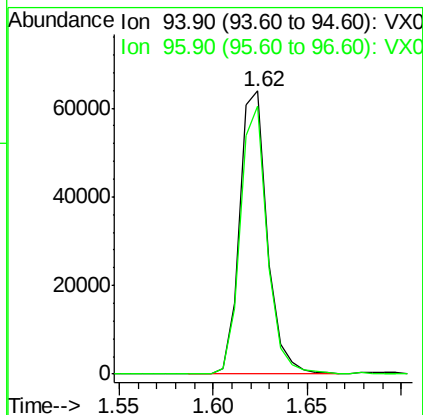
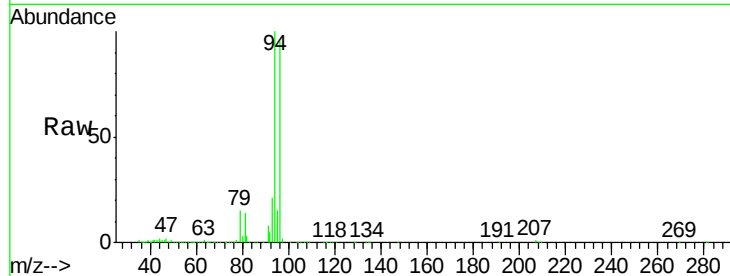
94 100

96 94.5 75.1 112.7

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6/9/2020 11:41:11 AM



#6

Chloroethane

Concen: 46.790 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016627.D

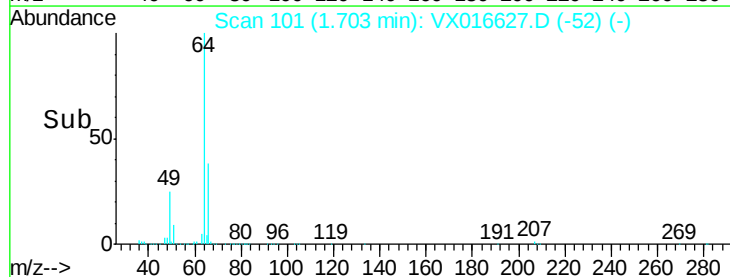
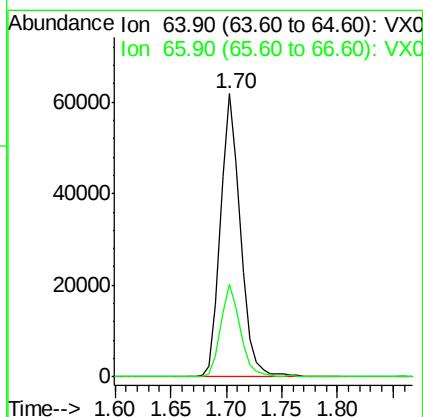
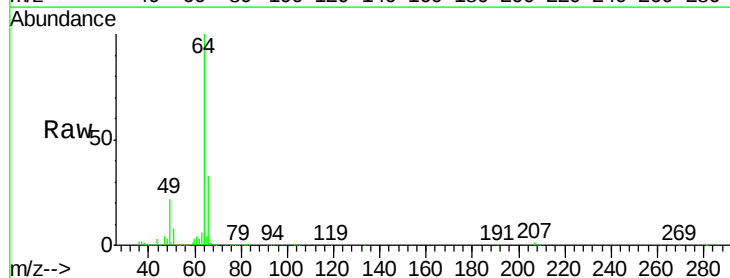
Acq: 08 Jun 2020 10:25

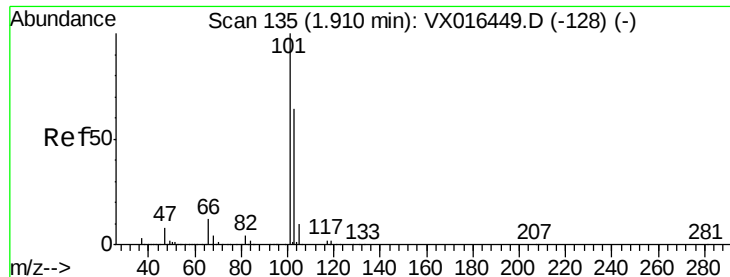
Tgt Ion: 64 Resp: 76721

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1





#7

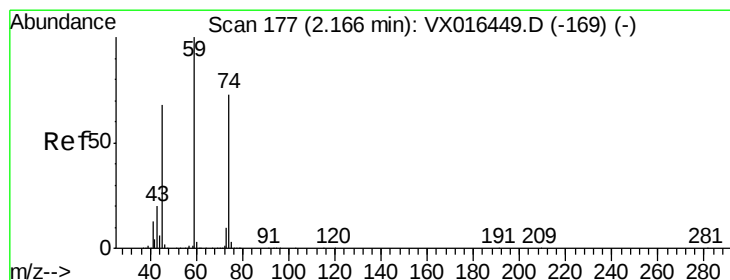
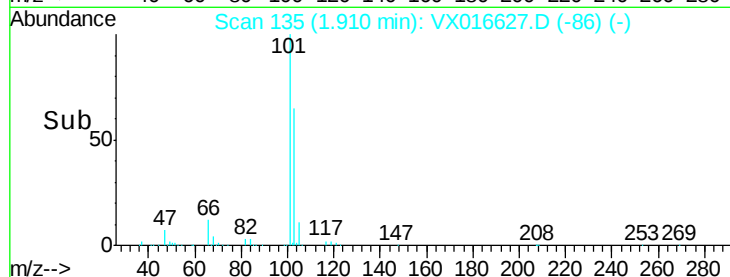
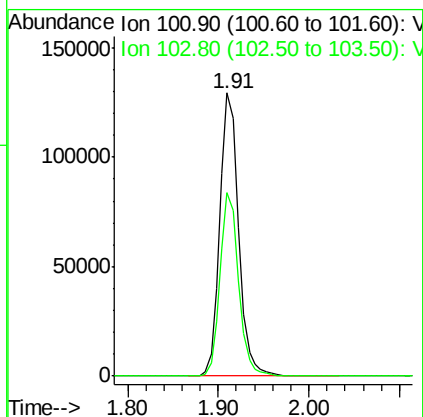
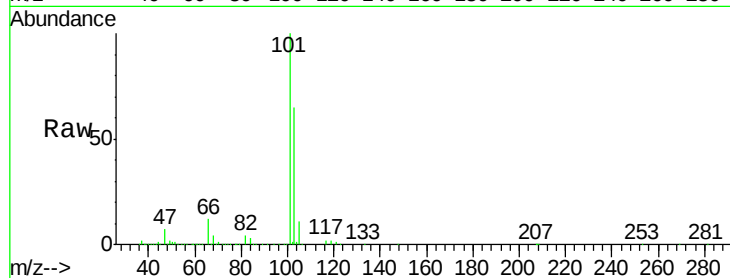
Trichlorofluoromethane
Concen: 50.799 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016627.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.9	76.3

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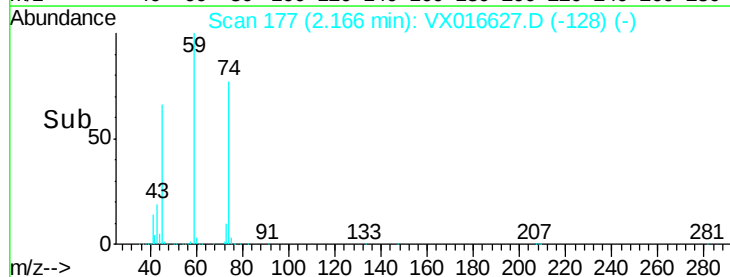
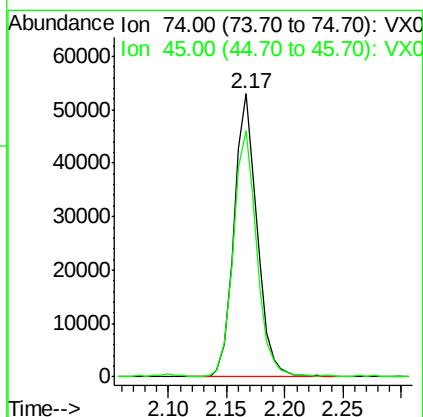
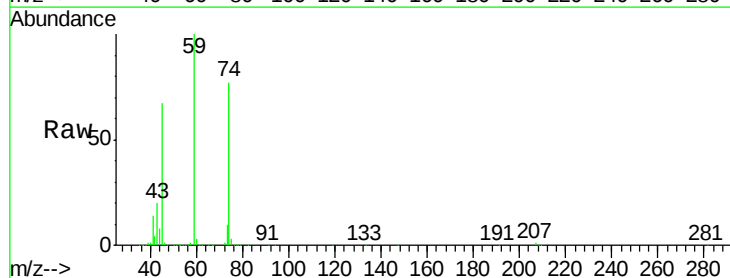
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#8

Diethyl Ether
Concen: 47.570 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.140 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

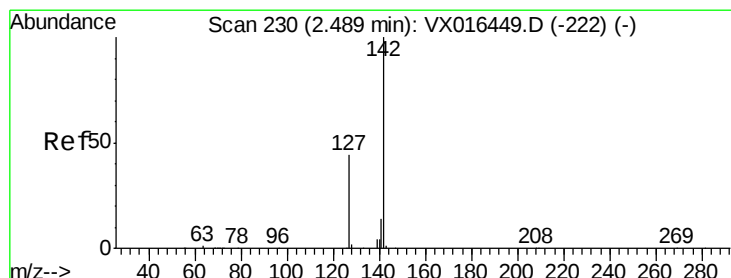
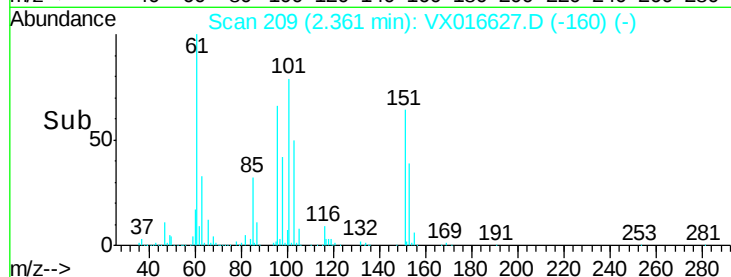
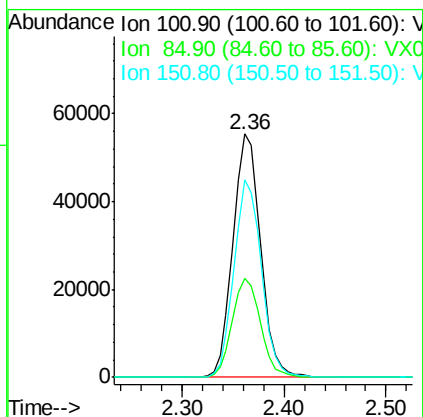
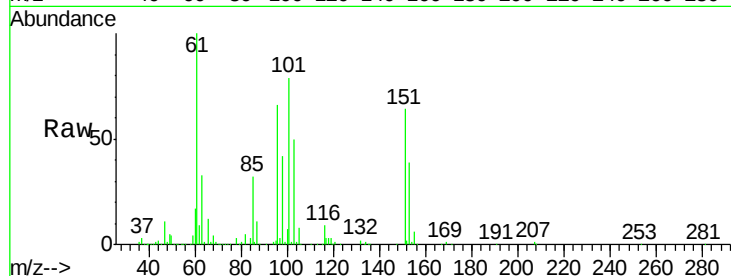
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103901
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.4	51.6
151	80.8	63.8	95.6

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#10

Methyl Iodide

Concen: 44.631 ug/l

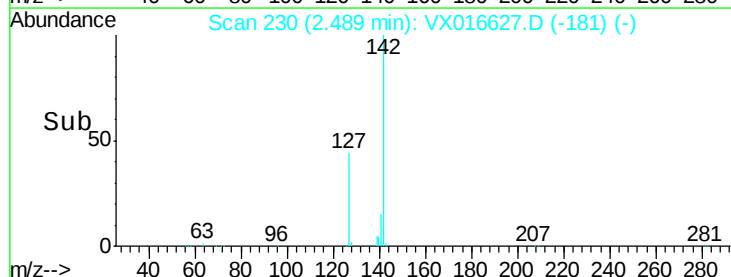
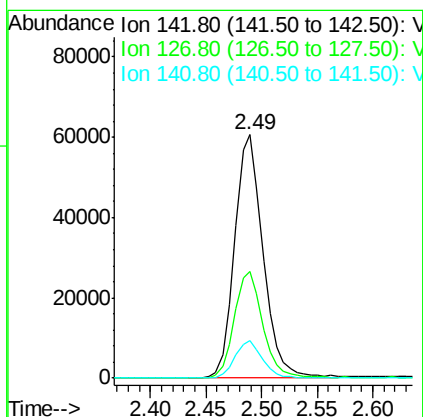
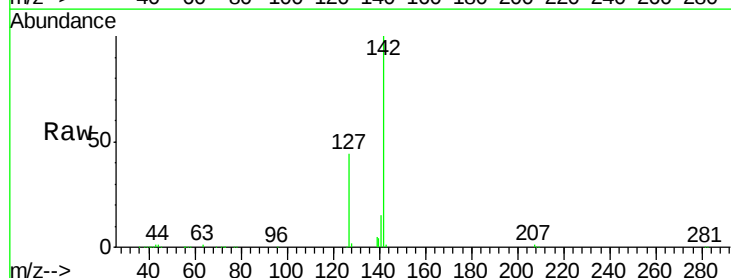
RT: 2.49 min Scan# 230

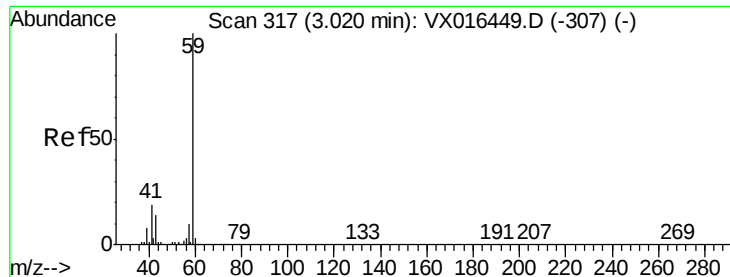
Delta R.T. 0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Tgt Ion:	142	Resp:	107487
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.3	52.9
141	14.9	11.4	17.2





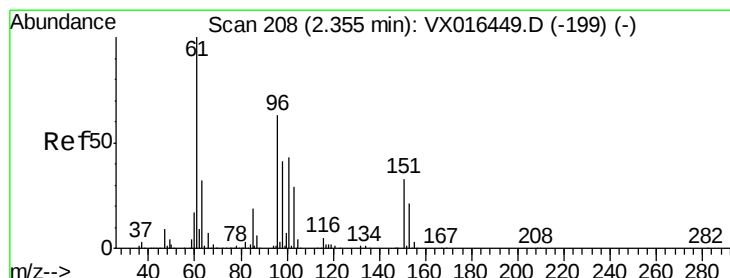
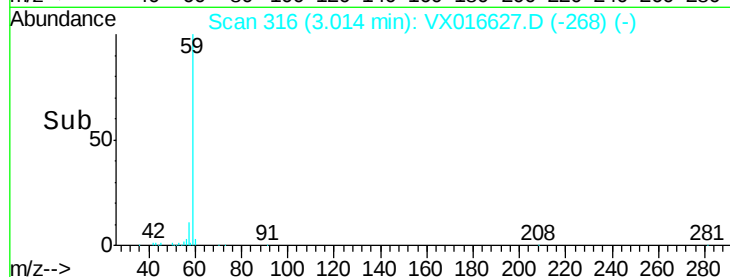
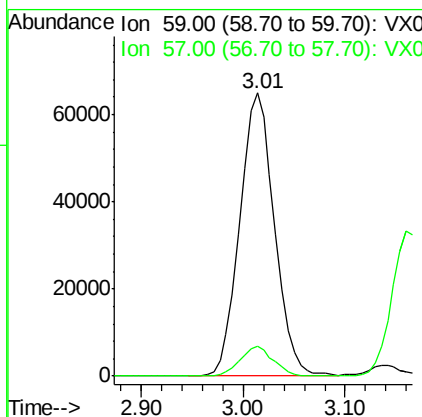
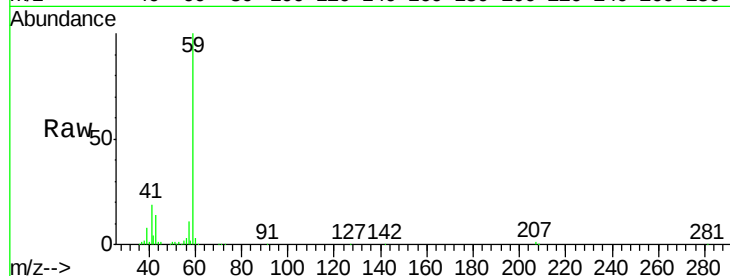
#11
Tert butyl alcohol
Concen: 215.313 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 153248
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

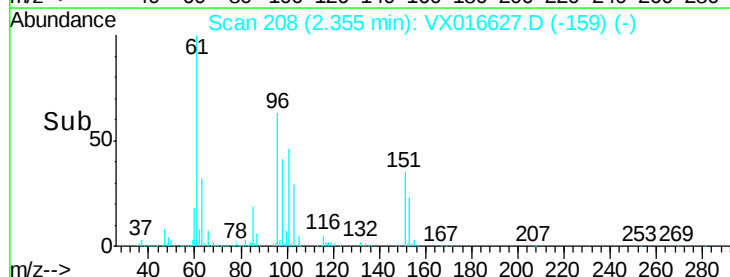
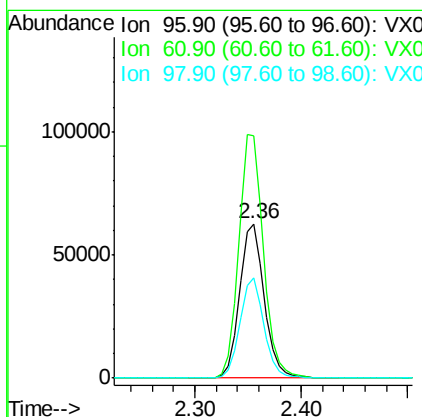
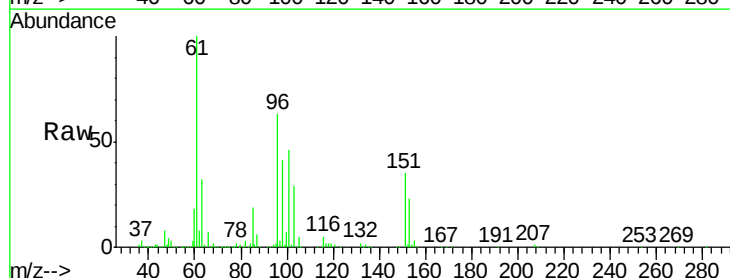
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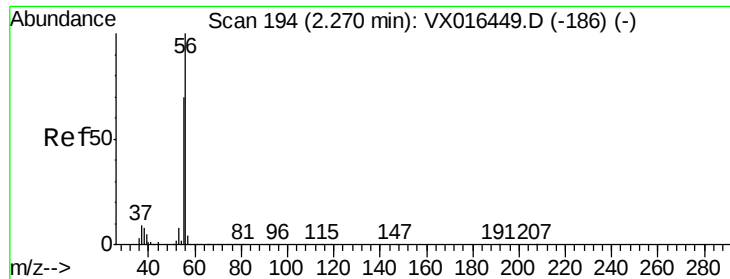
MMDadoda
6/9/2020 11:41:11 AM



#12
1,1-Dichloroethene
Concen: 47.366 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion: 96 Resp: 101863
Ion Ratio Lower Upper
96 100
61 157.5 126.6 189.8
98 64.8 51.3 76.9





#13

Acrolein

Concen: 290.593 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 87982

Ion Ratio Lower Upper

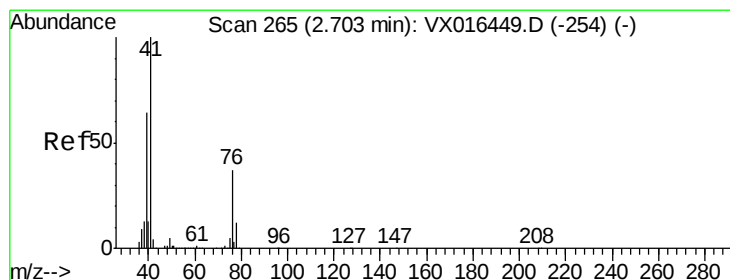
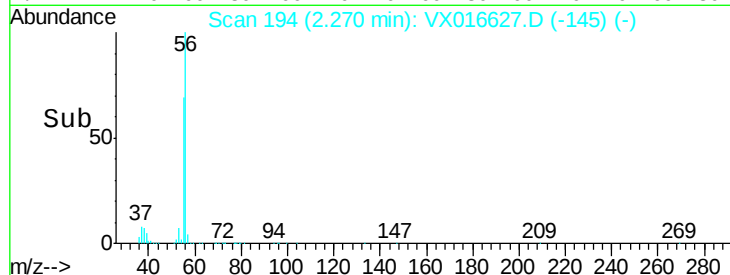
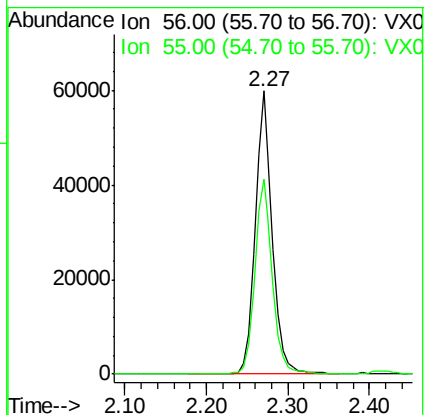
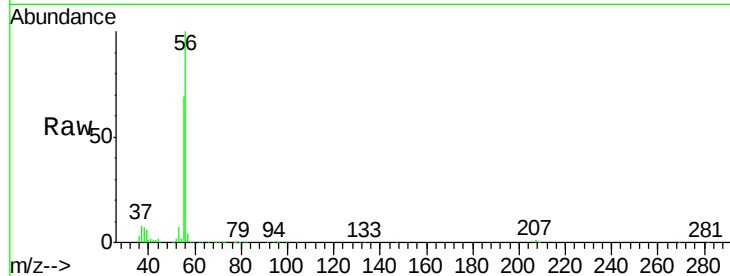
56 100

55 69.8 58.3 87.5

Manual Integrations
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6/9/2020 11:41:11 AM



#14

Allyl chloride

Concen: 41.562 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

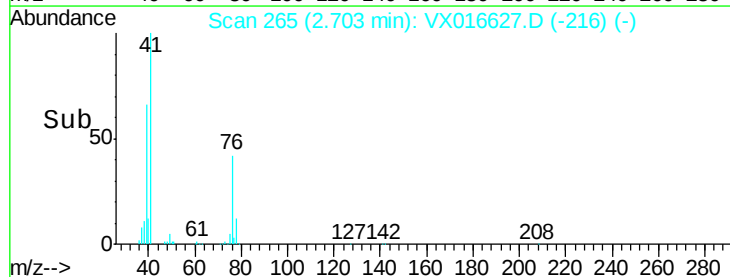
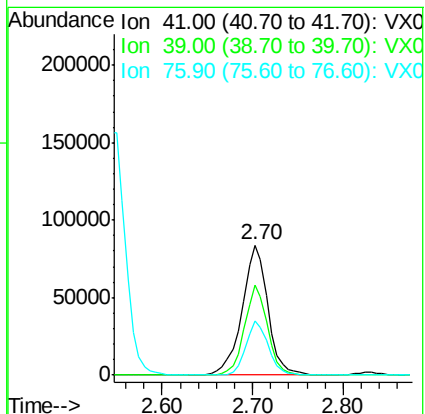
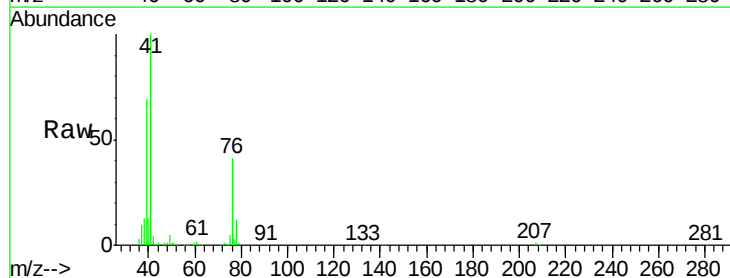
Tgt Ion: 41 Resp: 164377

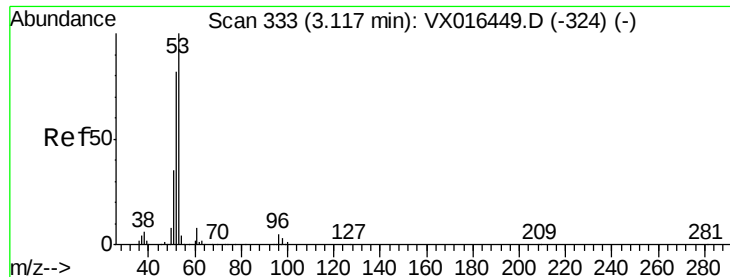
Ion Ratio Lower Upper

41 100

39 62.3 47.7 71.5

76 36.2 26.6 40.0





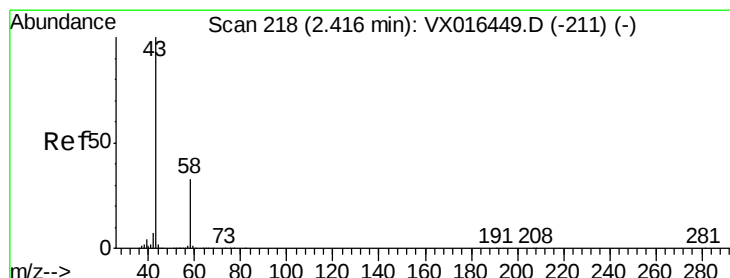
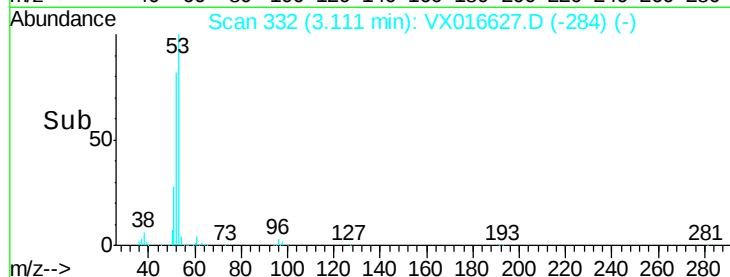
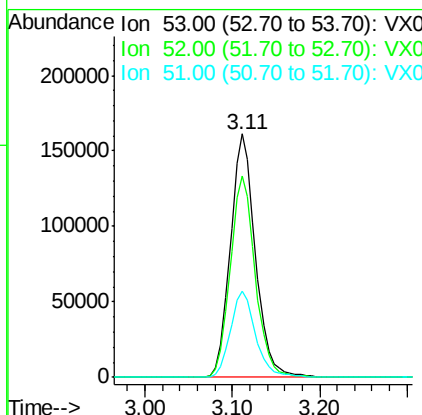
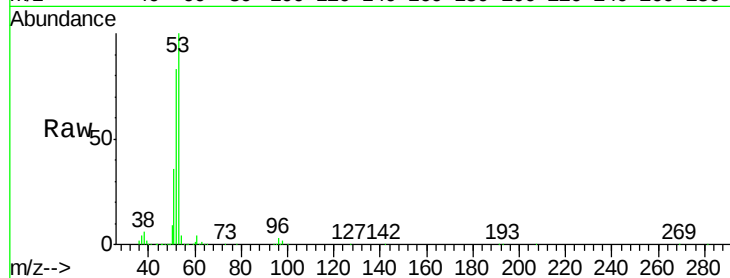
#15
Acrylonitrile
Concen: 220.581 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	36.0	28.6	43.0

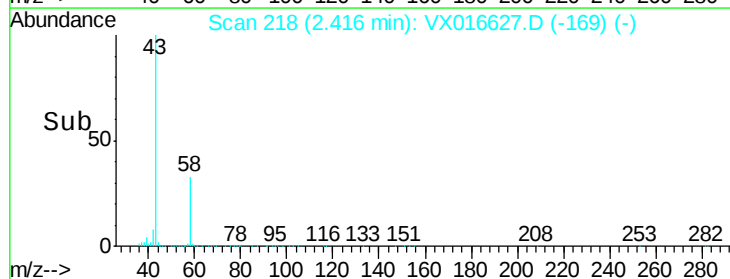
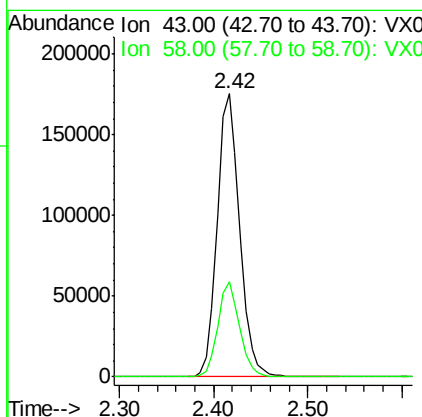
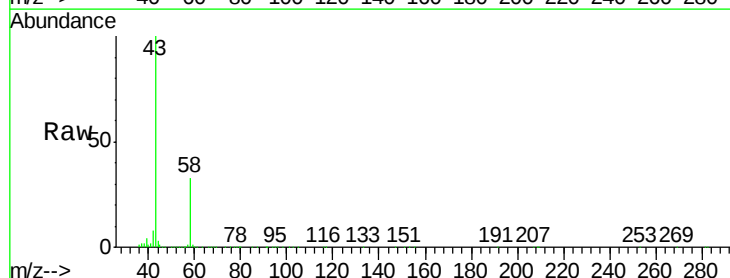
Manual Integrations
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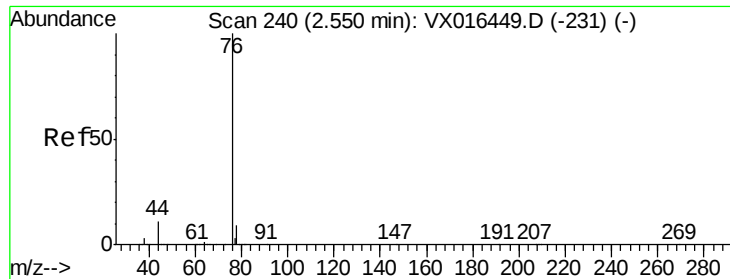
MMDadoda
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#16
Acetone
Concen: 238.149 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.1	39.1





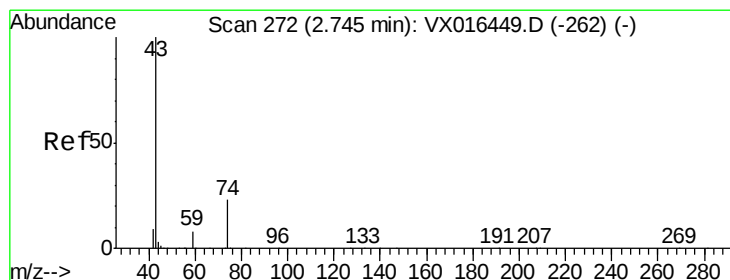
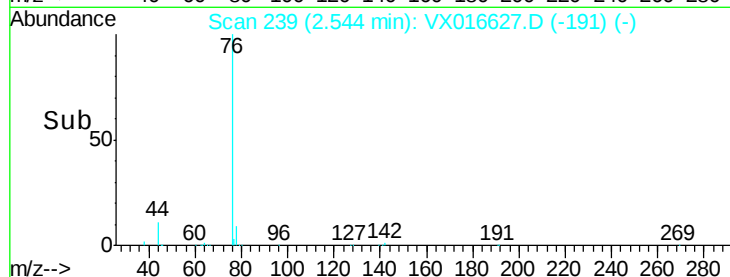
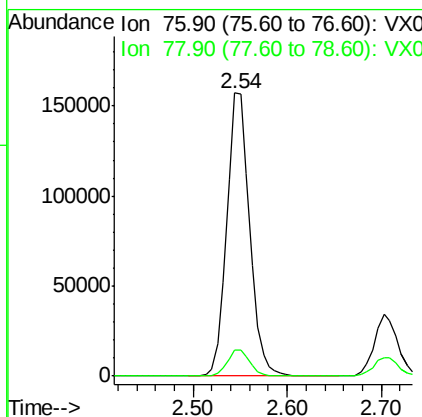
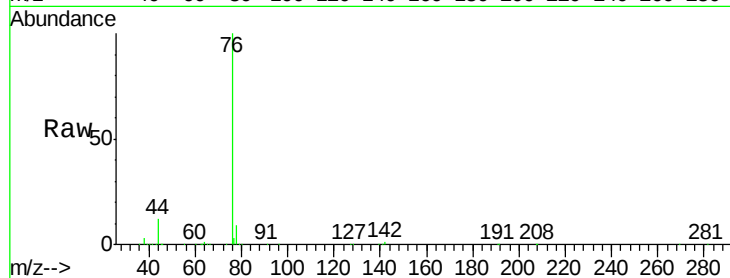
#17
Carbon Disulfide
Concen: 41.452 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

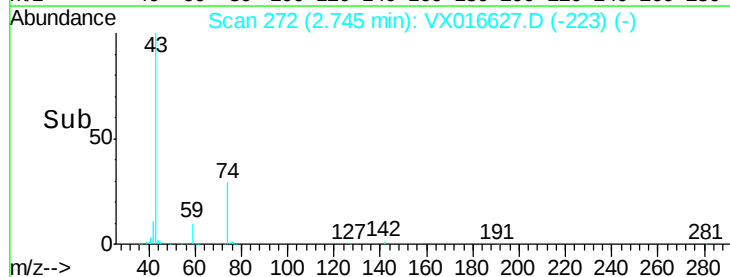
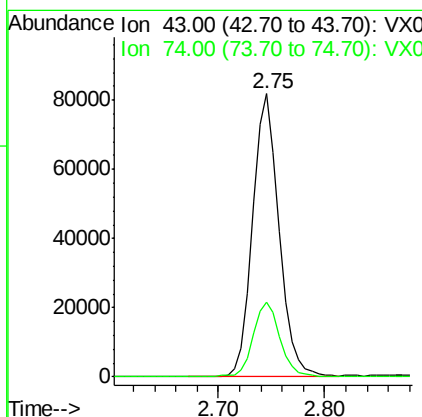
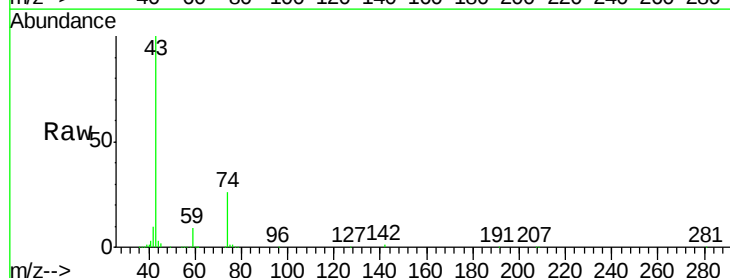
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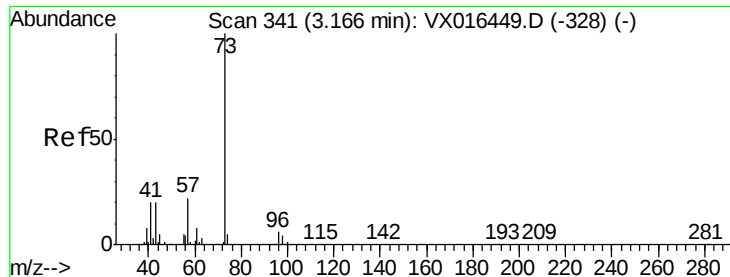
MMDadoda
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#18
Methyl Acetate
Concen: 45.743 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	19.7	29.5





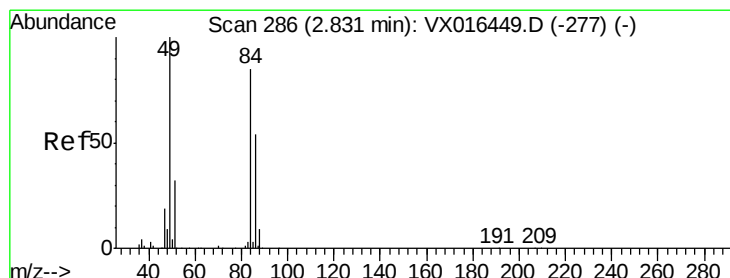
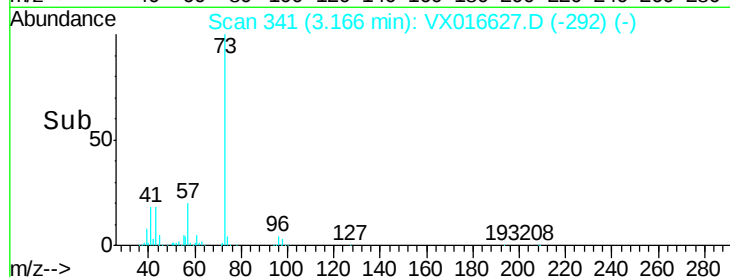
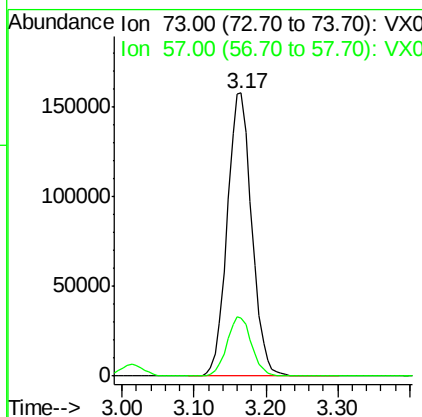
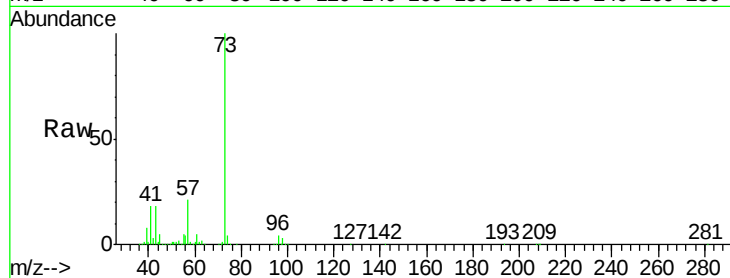
#19
Methyl tert-butyl Ether
Concen: 48.417 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.8	26.6

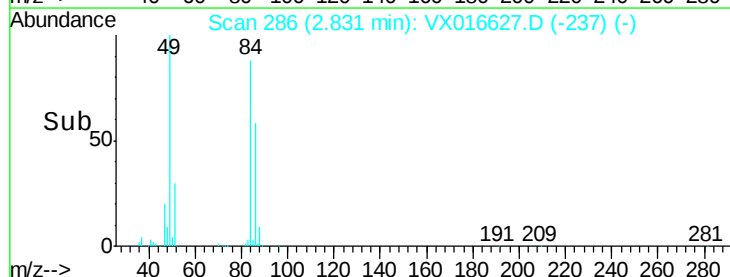
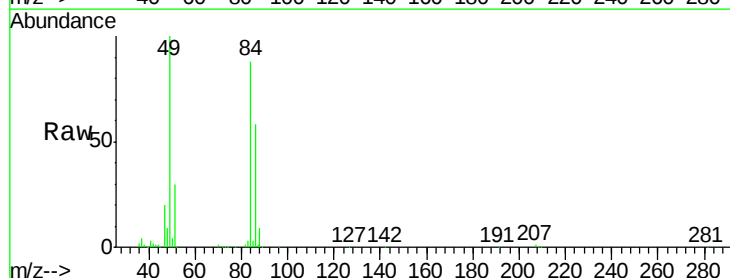
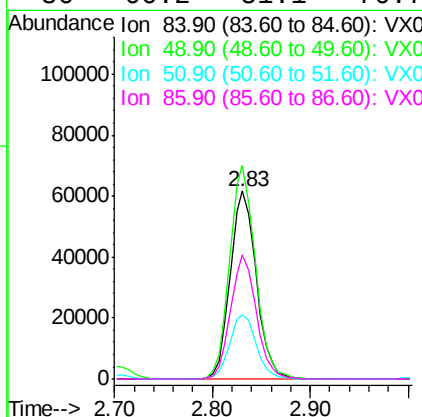
Manual Integrations
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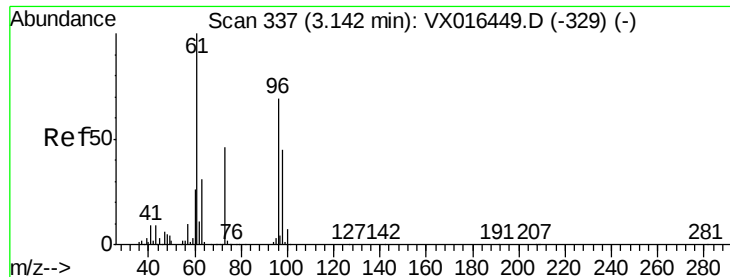
MMDadoda
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#20
Methylene Chloride
Concen: 45.461 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.7	94.5	141.7
51	34.3	30.2	45.4
86	66.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 45.812 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 108975

Ion Ratio Lower Upper

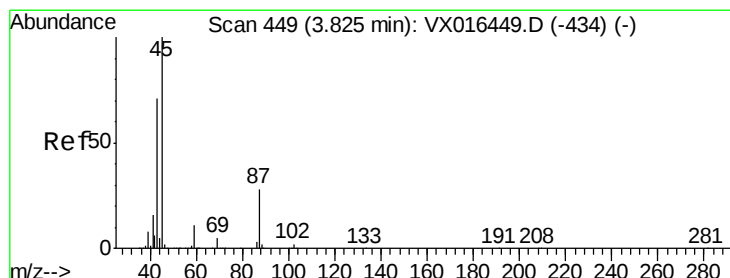
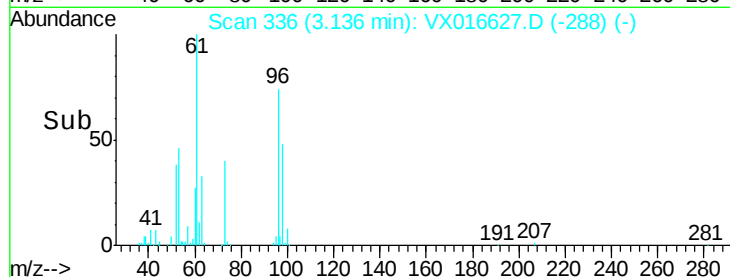
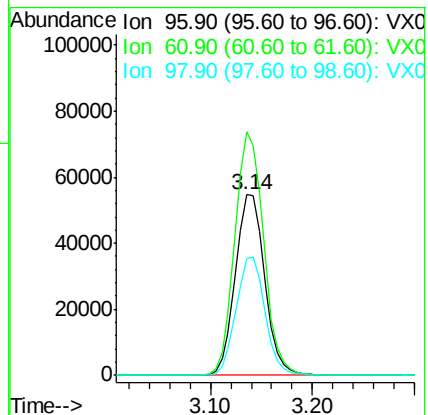
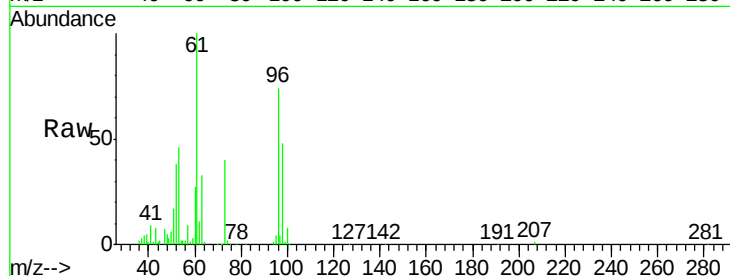
96 100

61 134.7 115.3 172.9

98 64.9 51.9 77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 43.113 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Tgt Ion: 45 Resp: 327558

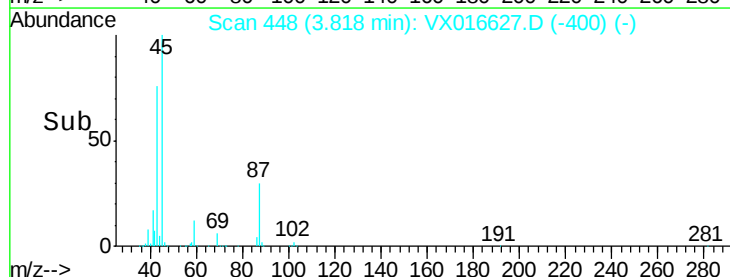
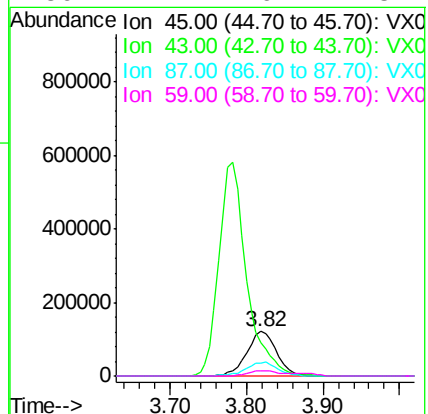
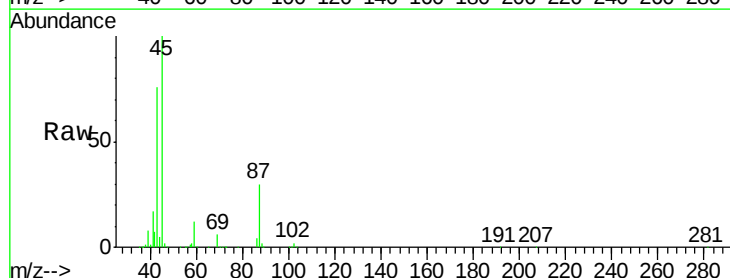
Ion Ratio Lower Upper

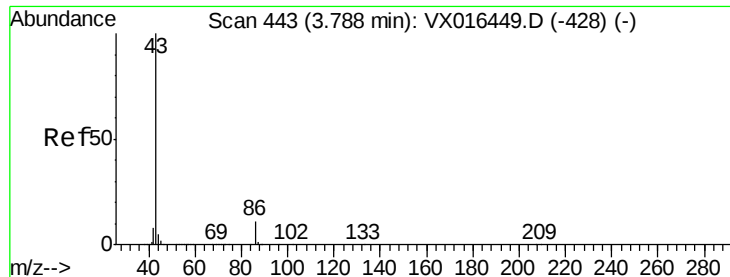
45 100

43 75.2 57.0 85.6

87 30.1 22.5 33.7

59 12.4 9.1 13.7





#23

Vinyl Acetate

Concen: 220.976 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1469546

Ion Ratio Lower Upper

43 100

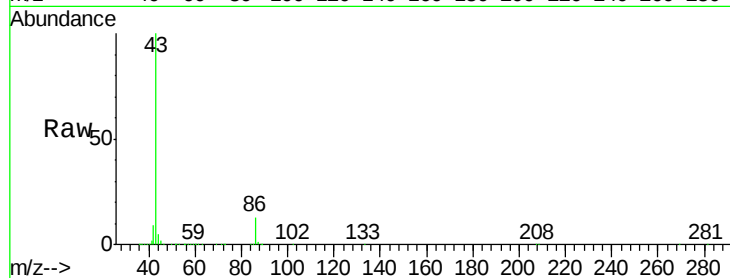
86 12.7 8.6 13.0

Manual Integrations

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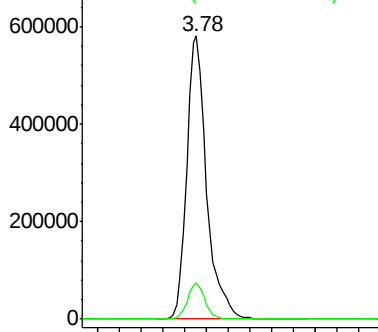
MMDadoda

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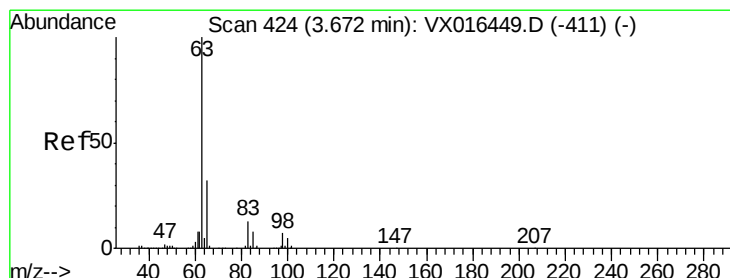
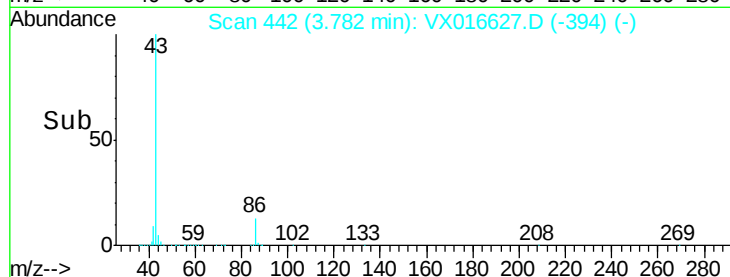


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 44.656 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

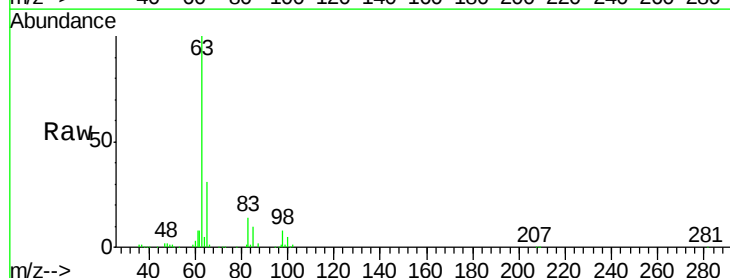
Tgt Ion: 63 Resp: 191497

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

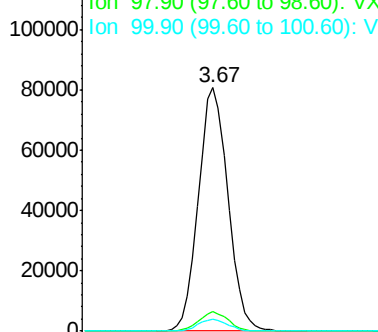
100 4.9 2.4 7.1



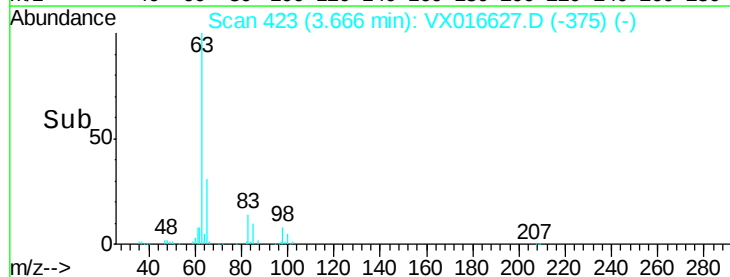
Abundance Ion 62.90 (62.60 to 63.60): VX0

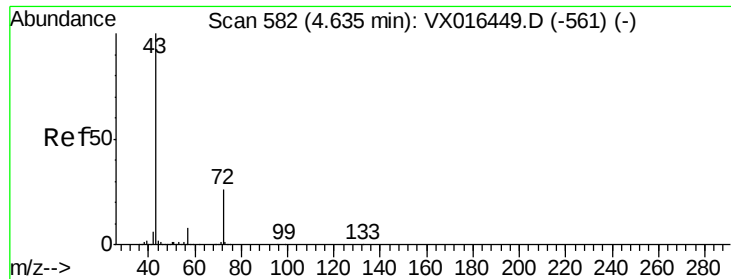
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 209.045 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 430745

Ion Ratio Lower Upper

43 100

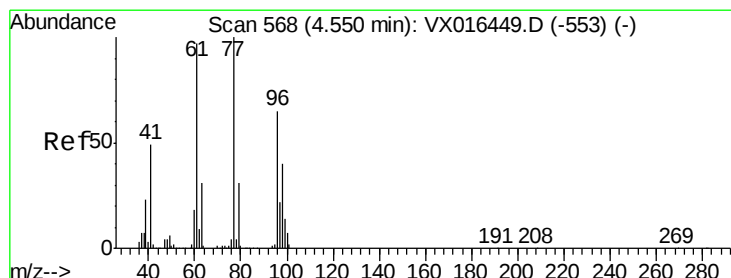
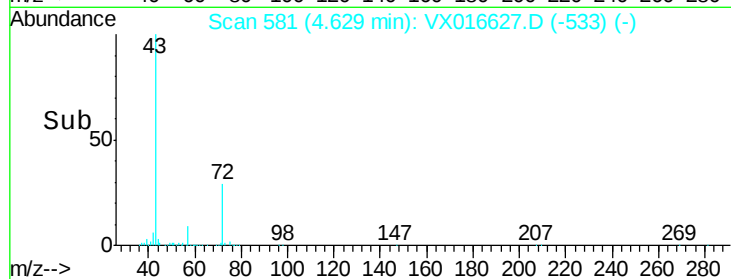
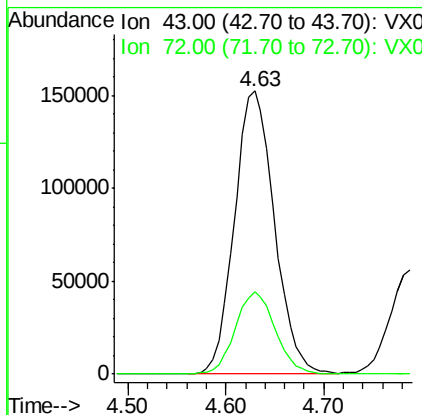
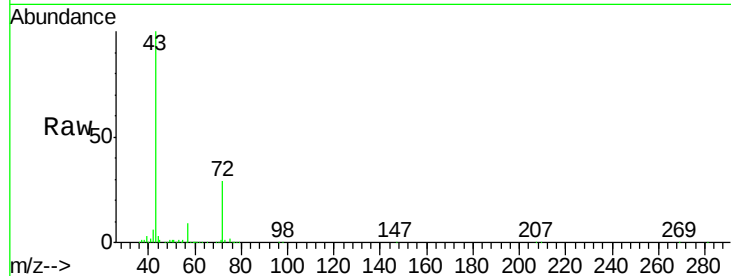
72 29.2 21.0 31.6

Manual Integrations

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6/9/2020 11:41:11 AM



#26

2,2-Dichloropropane

Concen: 52.581 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016627.D

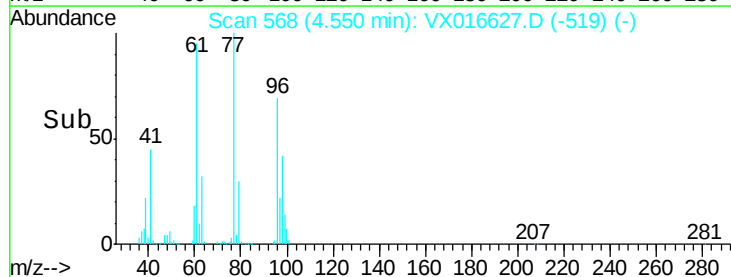
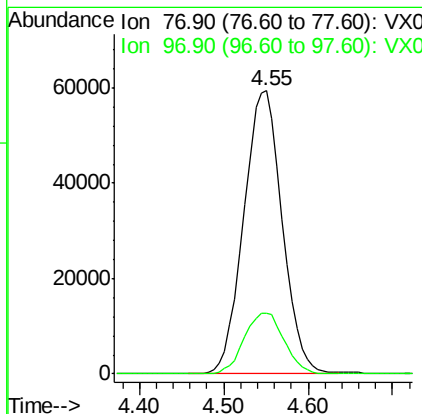
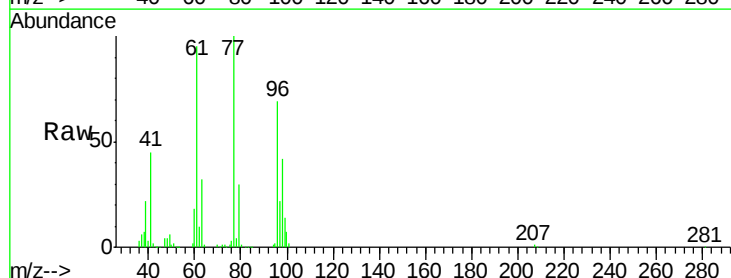
Acq: 08 Jun 2020 10:25

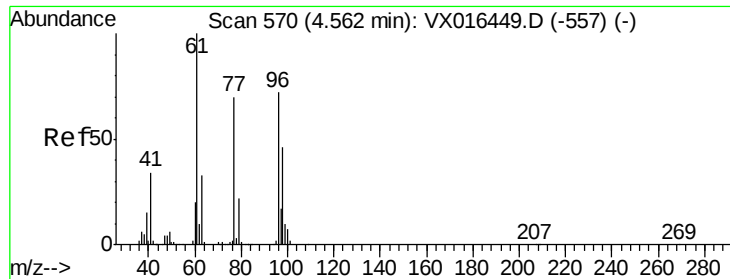
Tgt Ion: 77 Resp: 184504

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4





#27

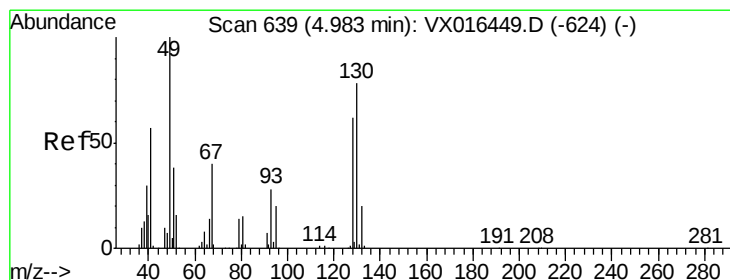
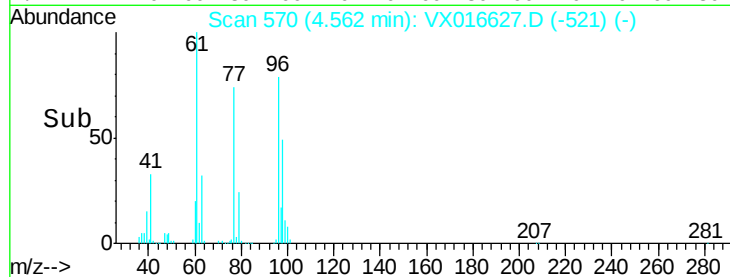
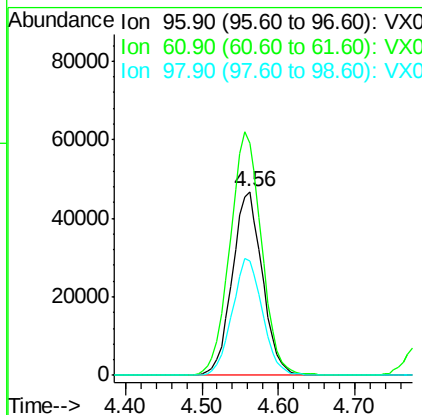
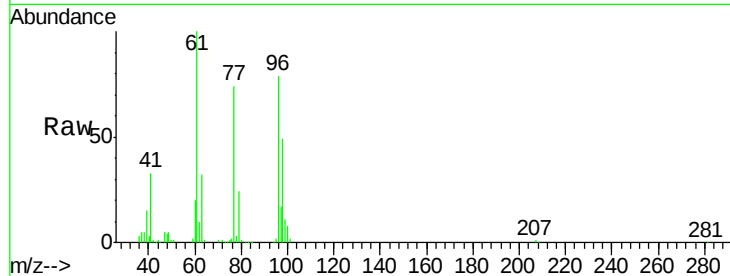
cis-1,2-Dichloroethene
Concen: 46.329 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127493		
61	138.6	0.0	284.6	
98	63.6	0.0	127.2	

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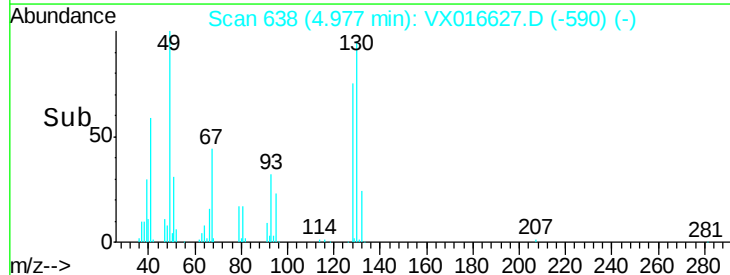
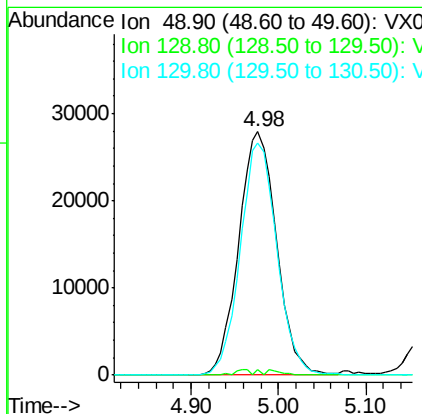
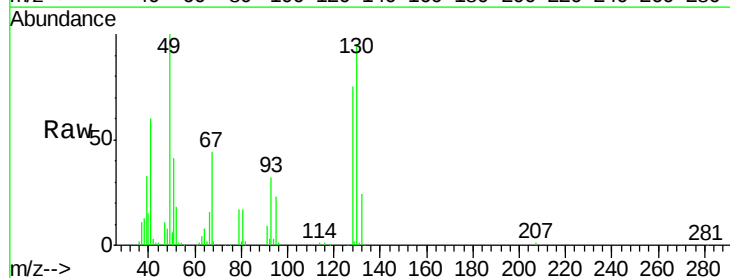
MMDadoda
6/9/2020 11:41:11 AM



#28

Bromochloromethane
Concen: 42.193 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	84080		
129	0.3	0.0	4.0	
130	92.3	63.0	94.4	





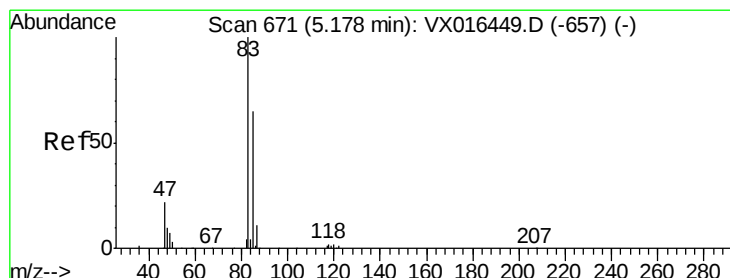
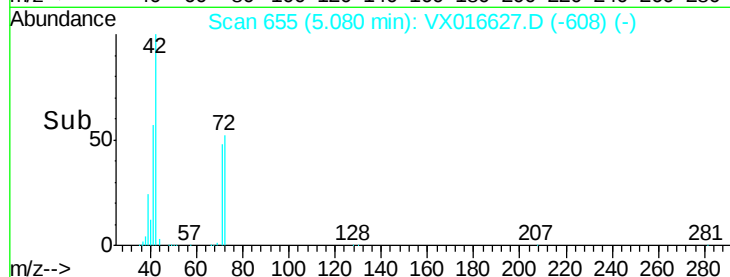
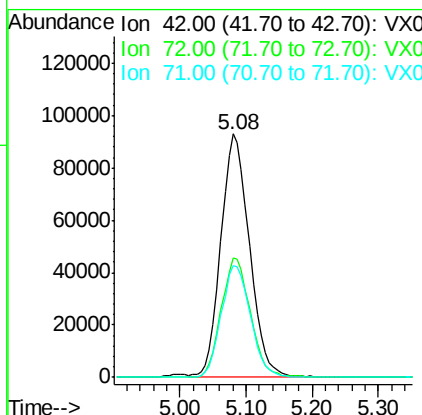
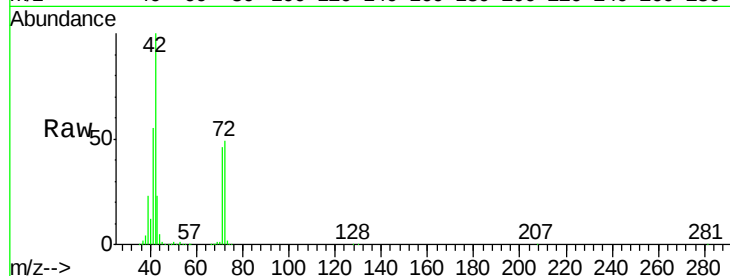
#29
Tetrahydrofuran
Concen: 208.853 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	37.0	55.4
71	47.2	34.1	51.1

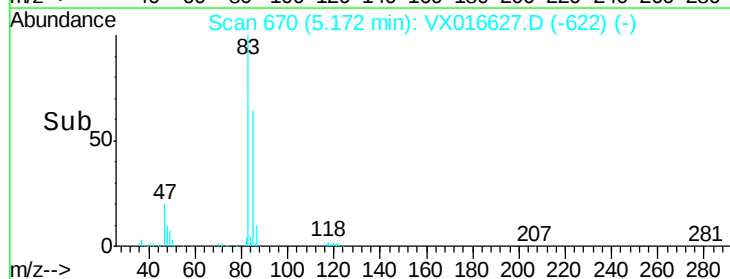
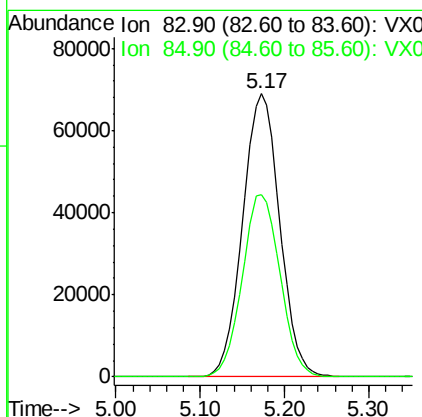
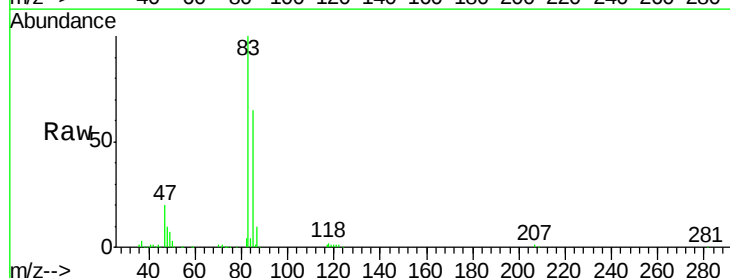
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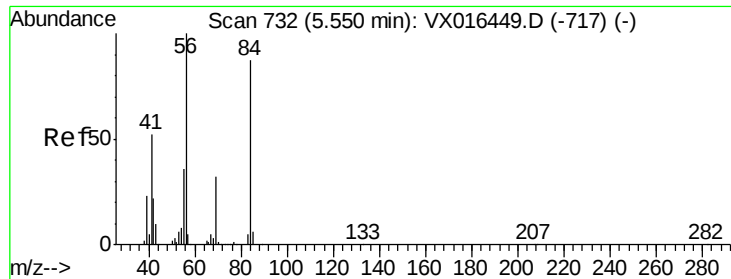
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6/9/2020 11:41:11 AM



#30
Chloroform
Concen: 47.718 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





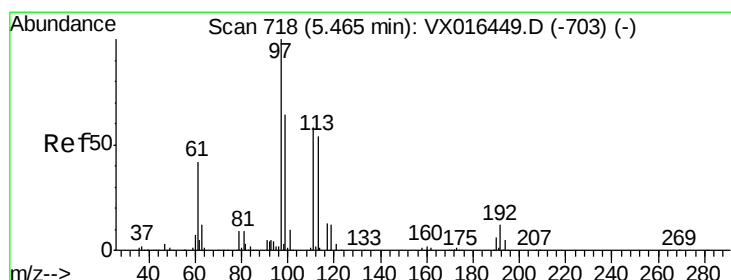
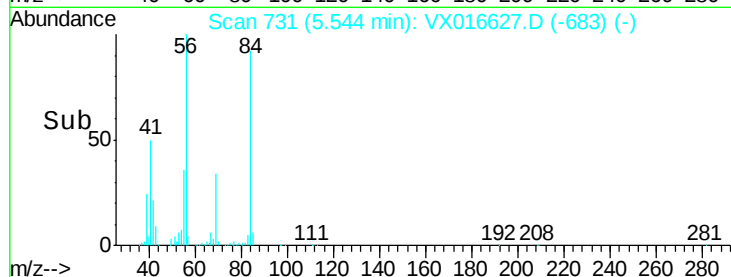
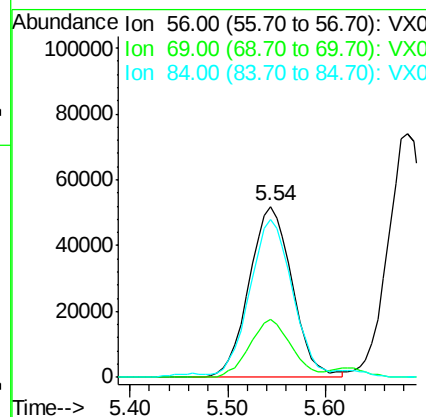
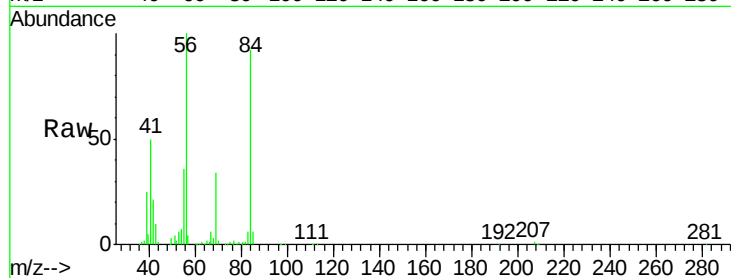
#31
Cyclohexane
Concen: 41.059 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	25.7	38.5
84	90.0	70.0	105.0

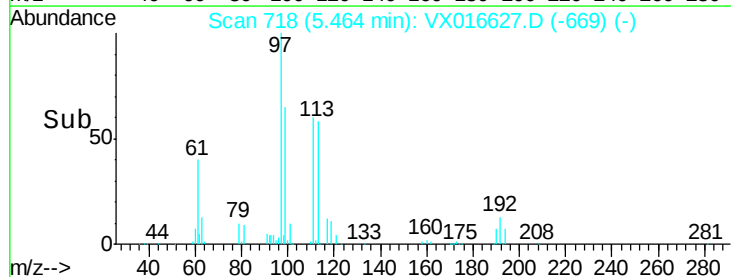
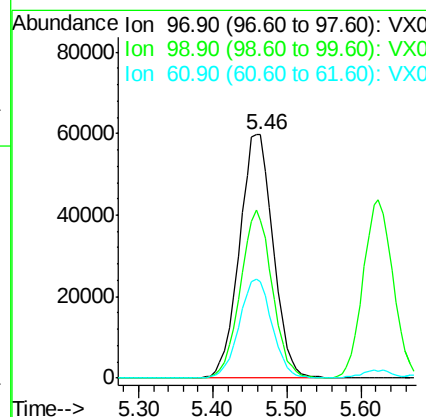
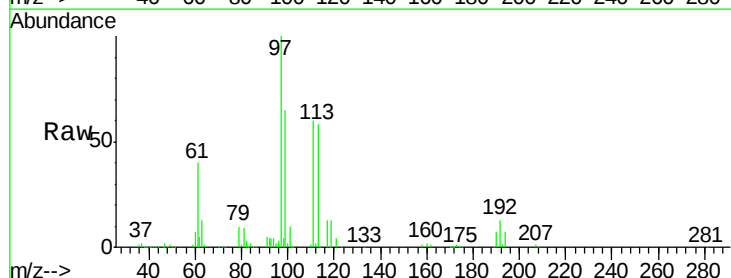
Manual Integrations
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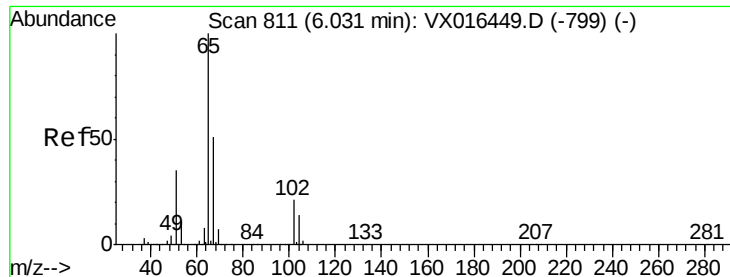
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#32
1,1,1-Trichloroethane
Concen: 48.497 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	39.7	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 46.329 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 128590

Ion Ratio Lower Upper

65 100

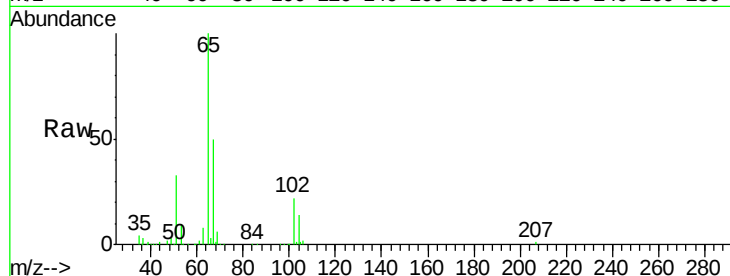
67 50.6 0.0 104.8

Manual Integrations

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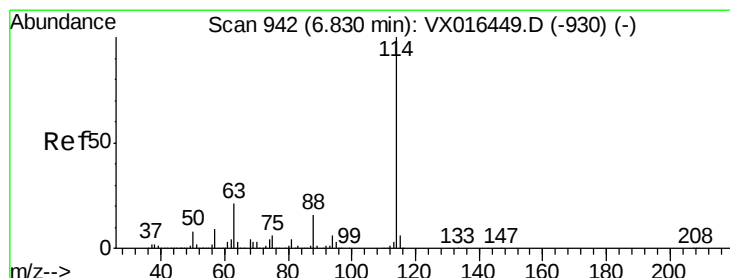
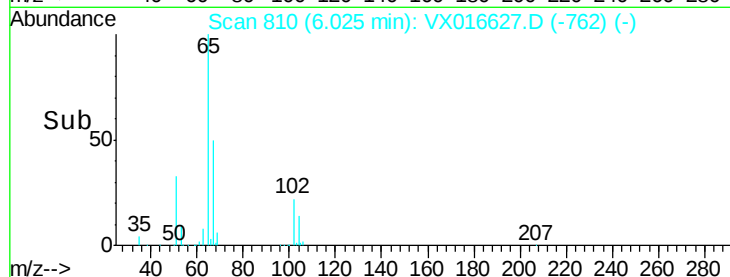
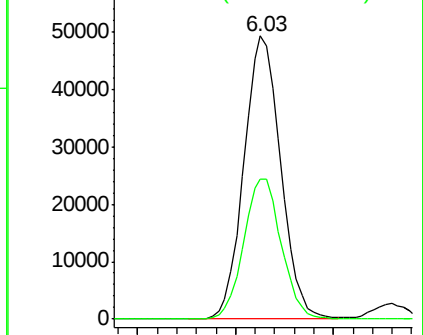
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

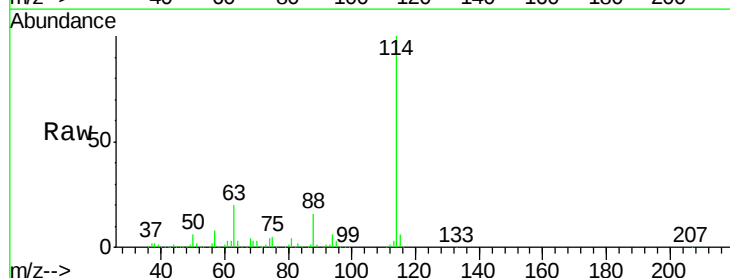
Tgt Ion: 114 Resp: 326688

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

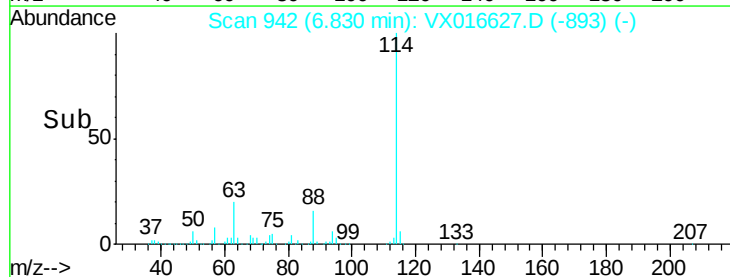
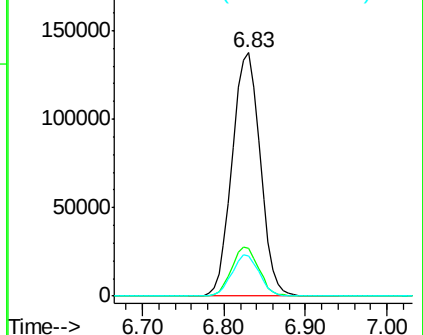
88 16.2 0.0 32.8

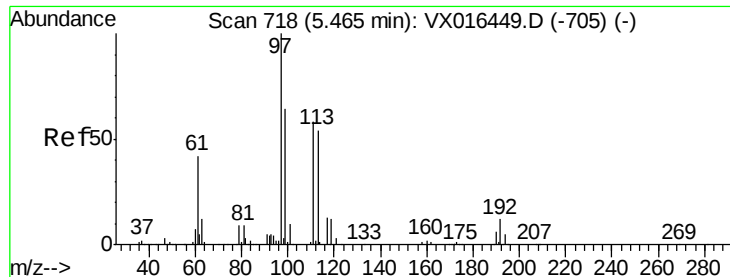


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.352 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

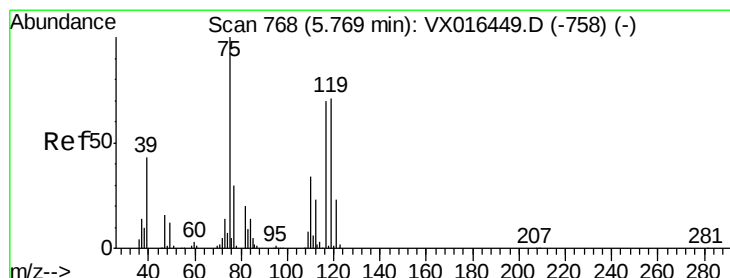
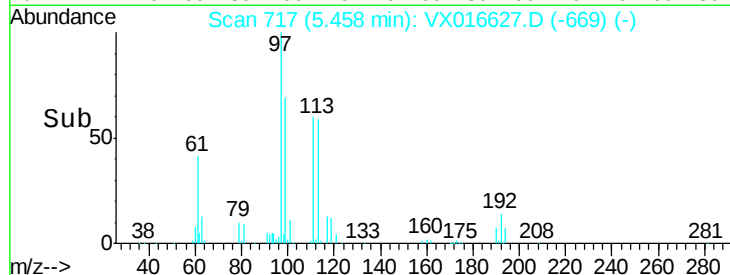
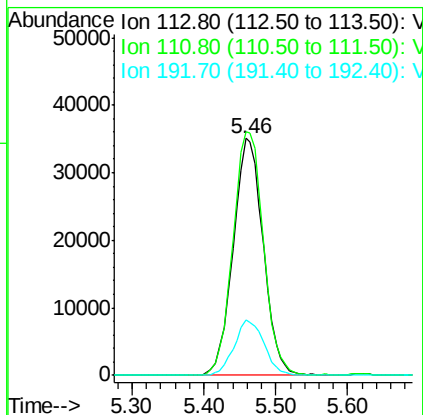
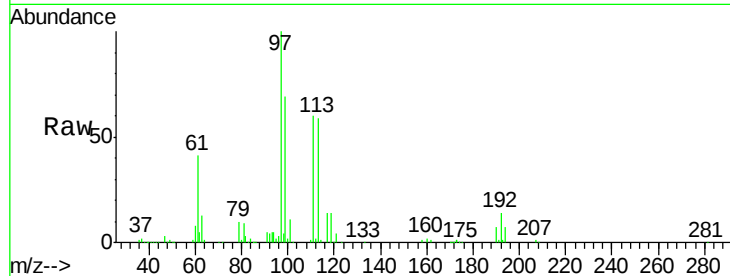
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	101287
Ion Ratio	Lower	Upper	
113	100		
111	104.7	83.0	124.6
192	23.2	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 48.026 ug/l

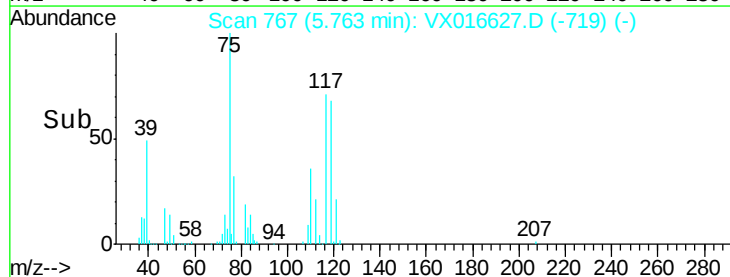
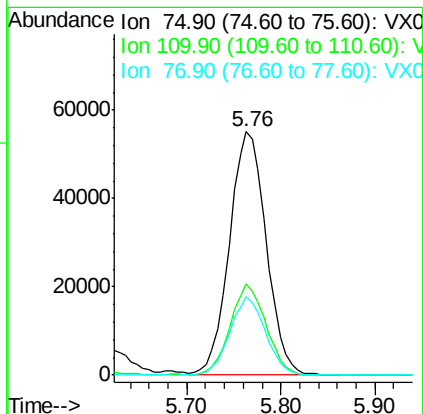
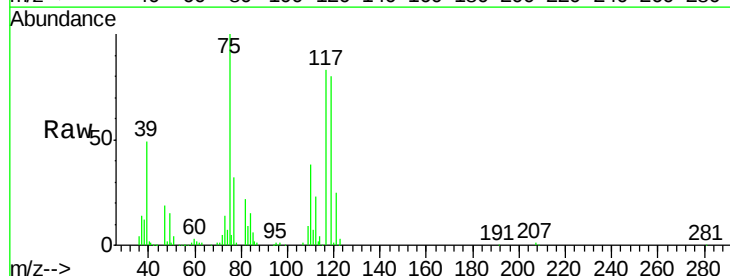
RT: 5.76 min Scan# 767

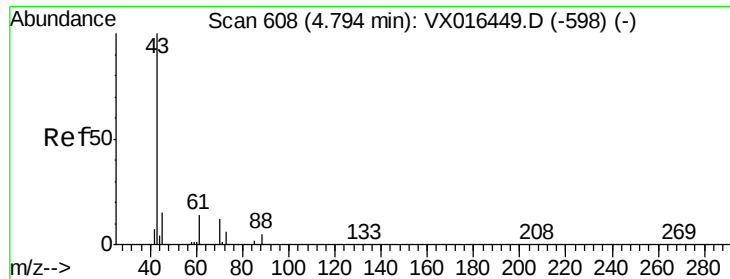
Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Tgt Ion:	75	Resp:	148551
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.4	52.3
77	31.4	24.2	36.4





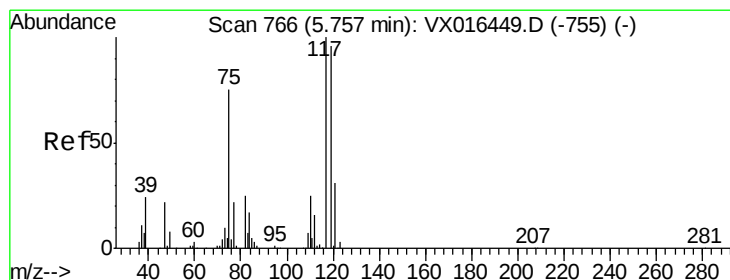
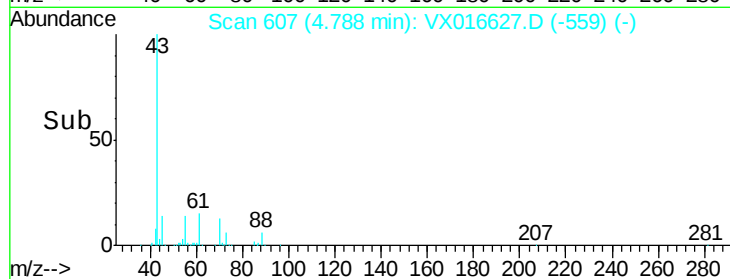
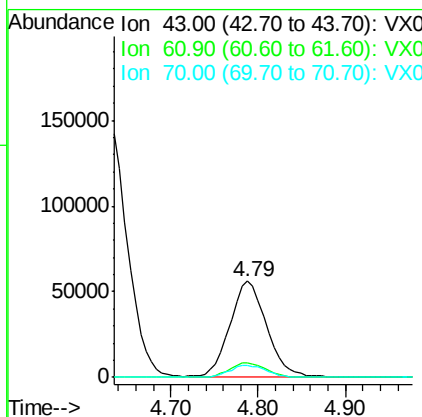
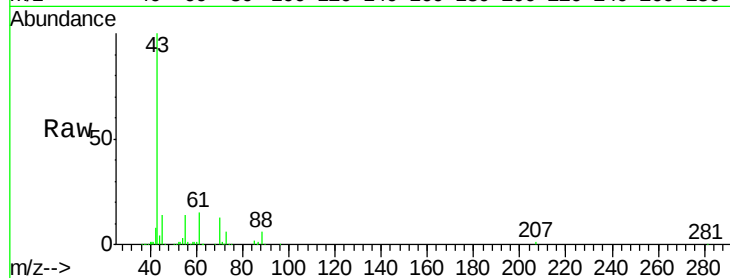
#37
Ethyl Acetate
Concen: 43.873 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	162925
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	12.7	9.3	13.9

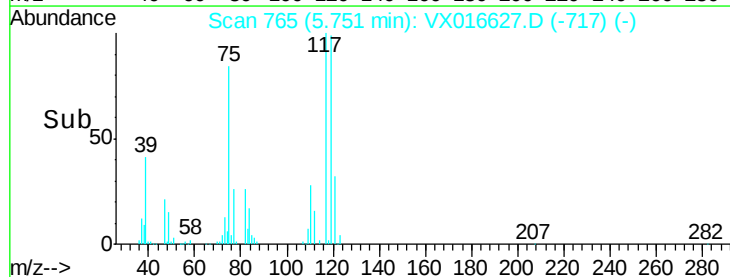
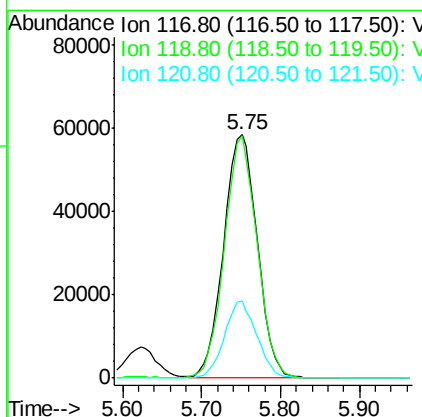
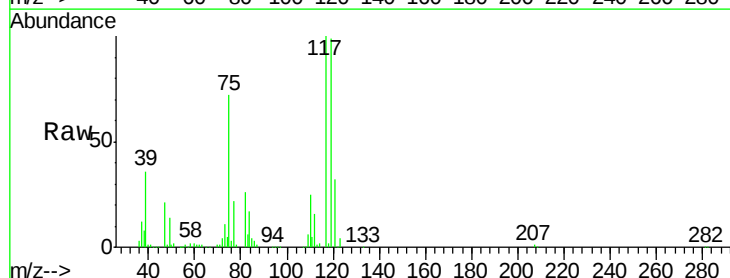
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#38
Carbon Tetrachloride
Concen: 53.477 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	117	Resp	173828
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.3	114.5
121	31.5	24.6	37.0





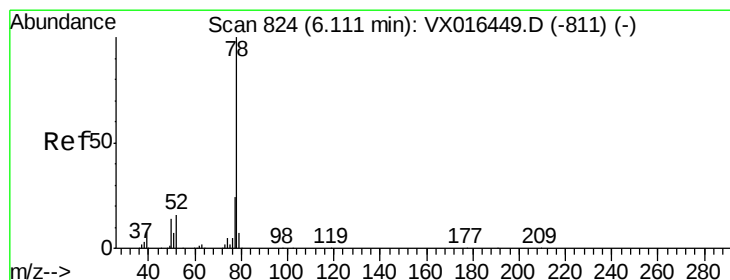
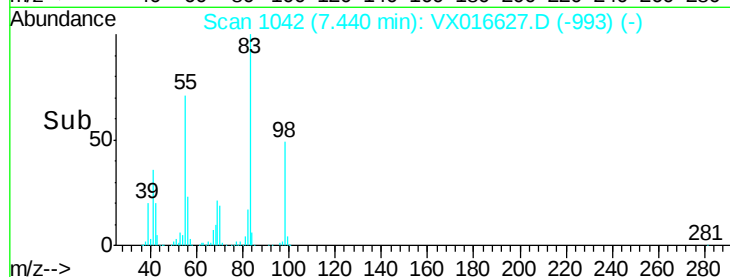
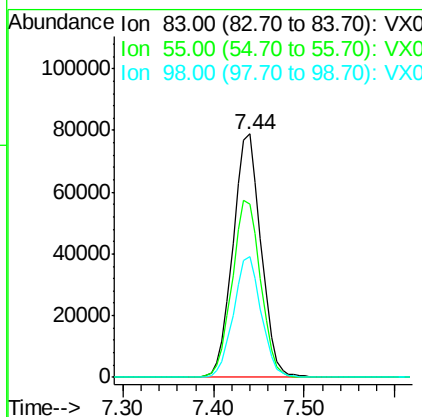
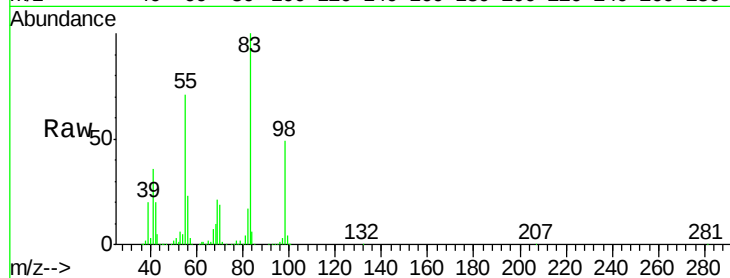
#39
Methvlcvclohexane
Concen: 50.319 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	61.7	92.5
98	49.5	38.7	58.1

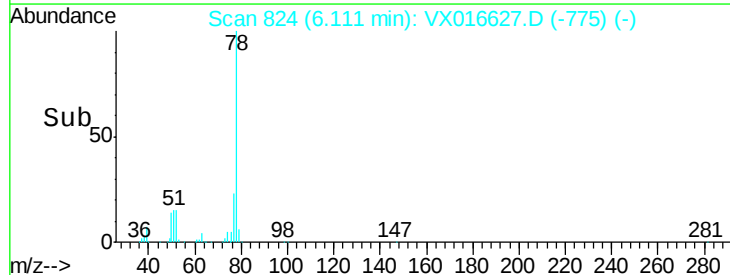
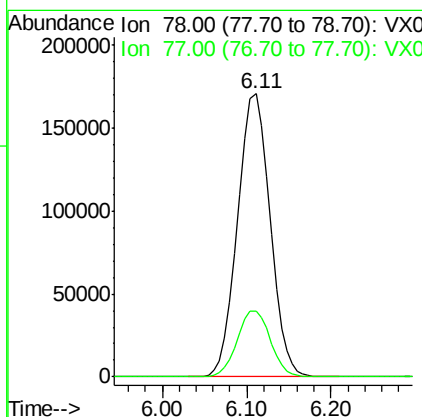
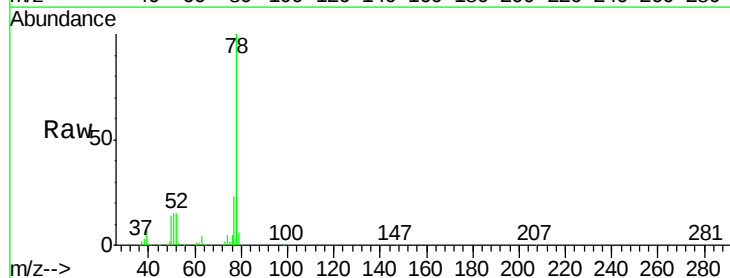
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#40
Benzene
Concen: 48.488 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





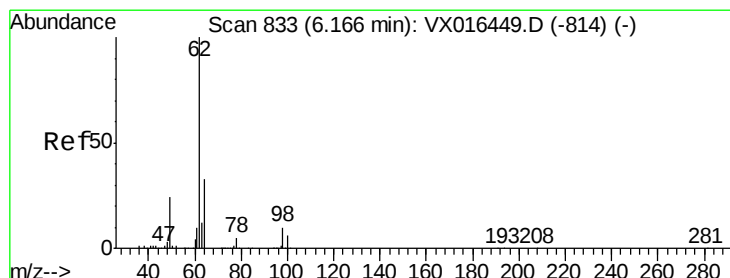
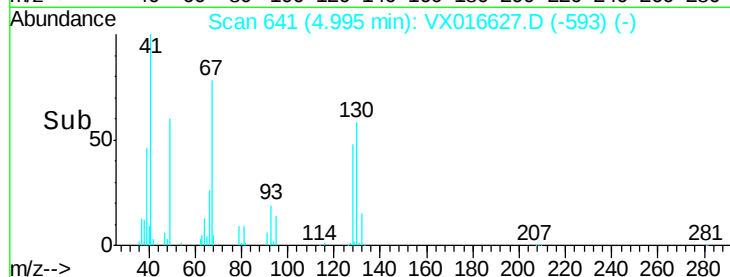
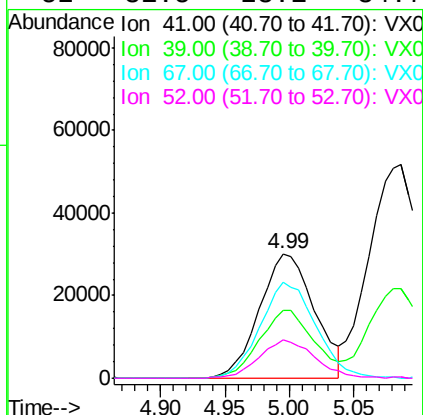
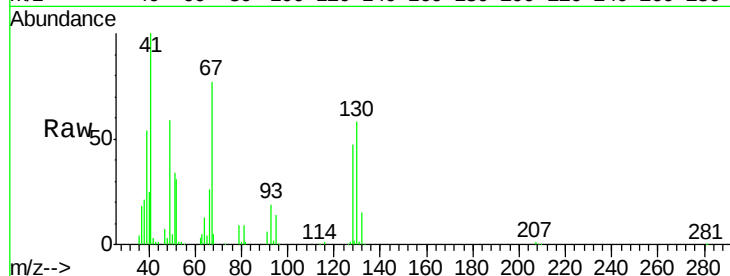
#41
Methacrylonitrile
Concen: 43.816 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		89376		
39	54.1	43.0	64.4		
67	78.1	58.9	88.3		
52	31.5	23.1	34.7		

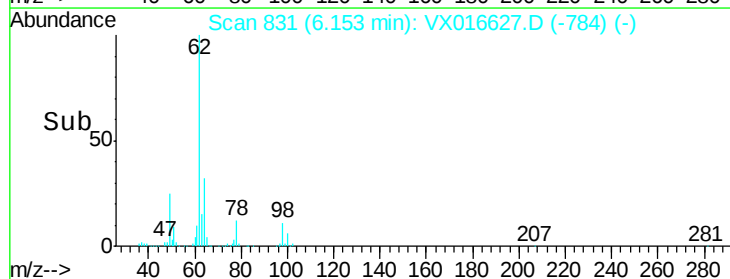
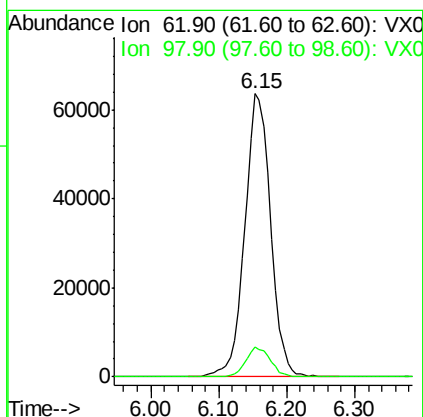
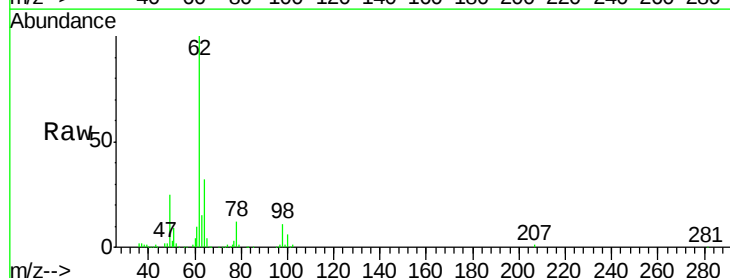
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#42
1,2-Dichloroethane
Concen: 51.242 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		167854		
98	10.0	0.0	19.8		





#43

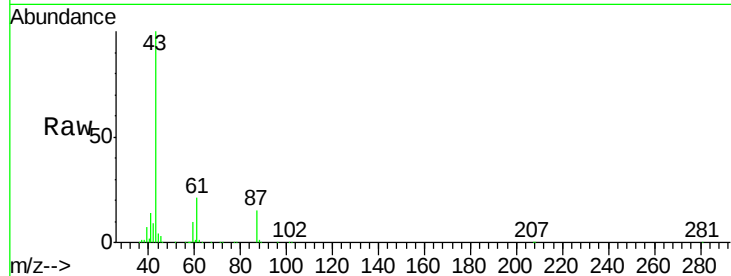
Isopropyl Acetate
 Concen: 45.259 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

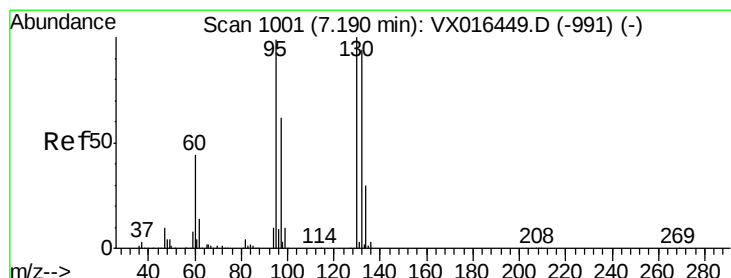
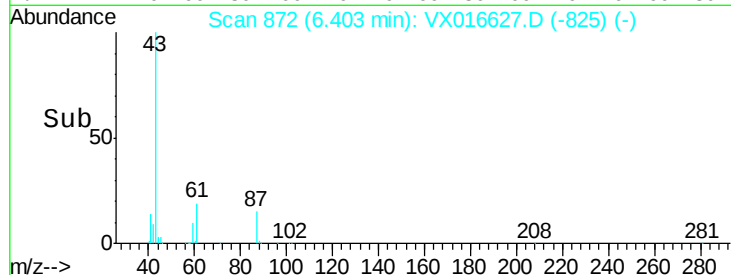
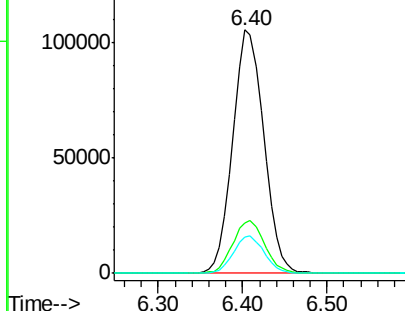
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.3	11.2	16.8

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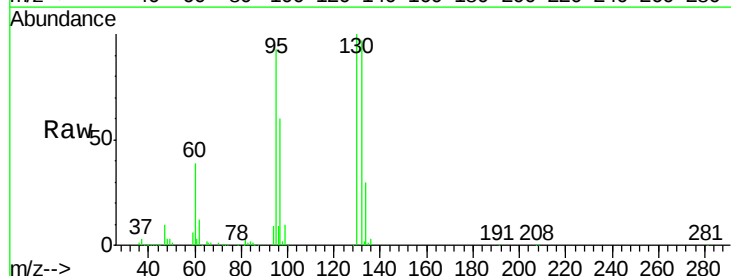
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



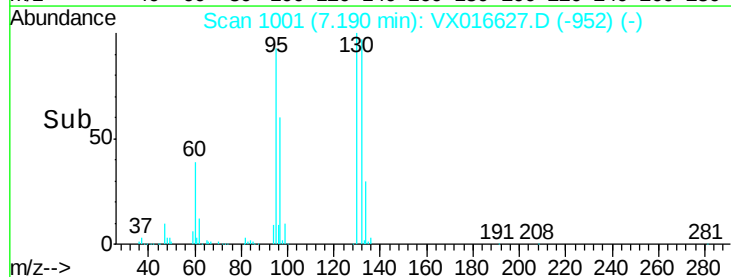
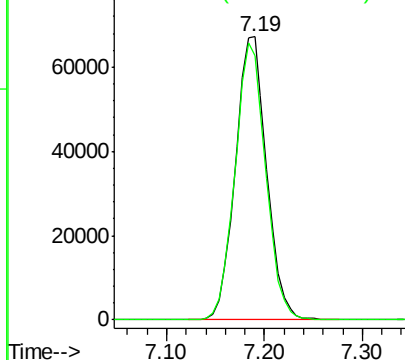
#44

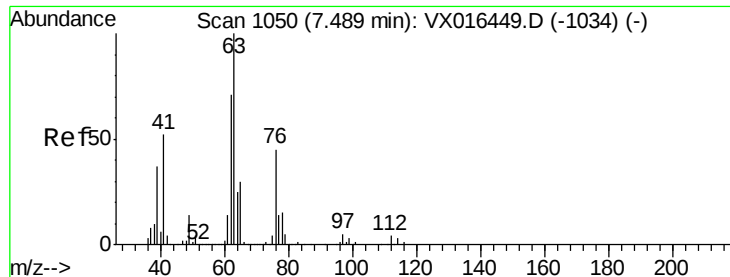
Trichloroethene
 Concen: 50.985 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	198.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





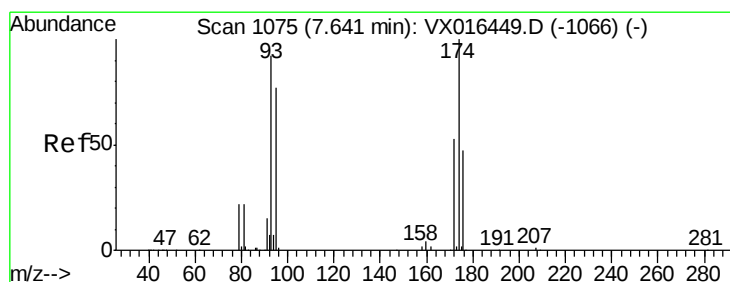
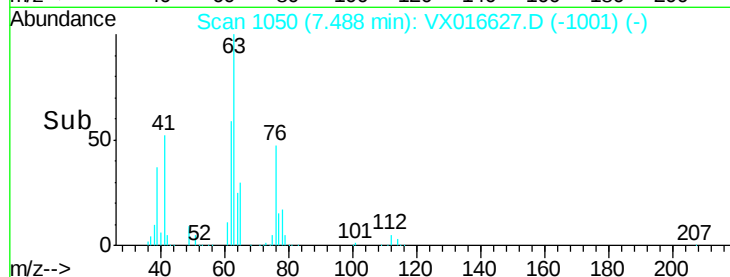
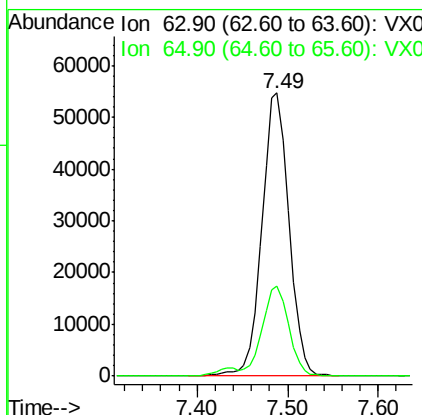
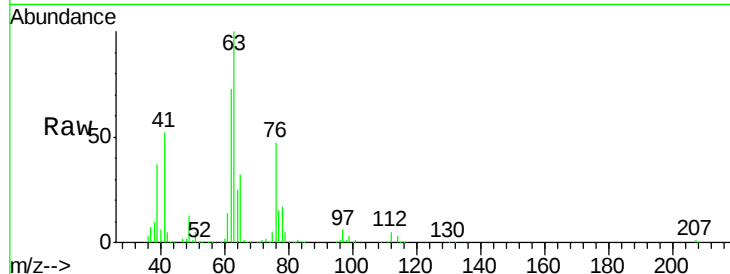
#45
 1,2-Dichloropropane
 Concen: 48.098 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.2	36.2

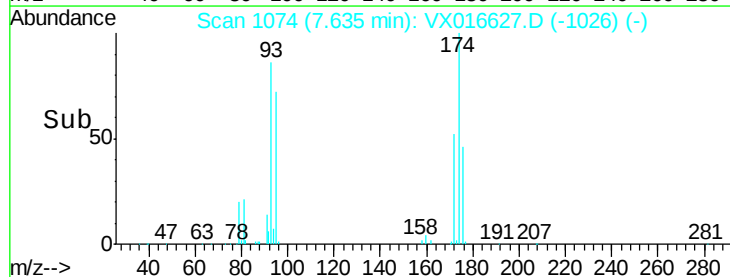
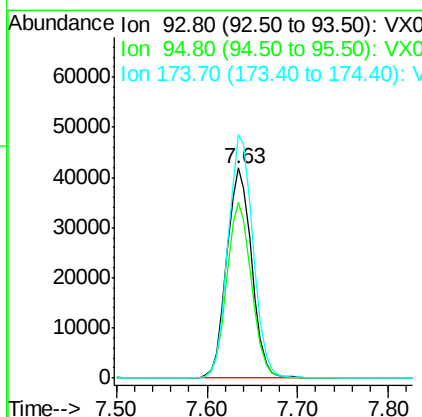
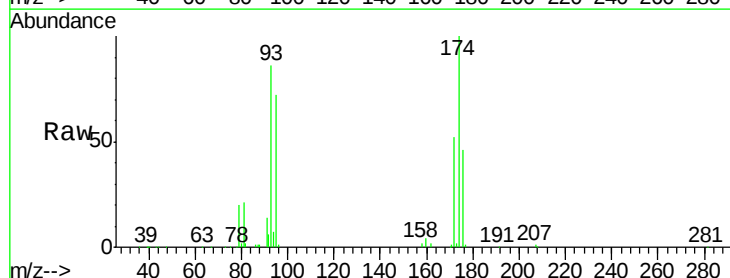
Manual Integrations
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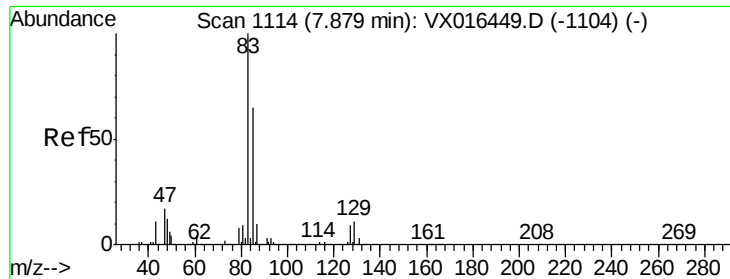
MMDadoda
 6/9/2020 11:41:11 AM



#46
 Dibromomethane
 Concen: 50.949 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	100.0
174	115.7	86.2	129.4





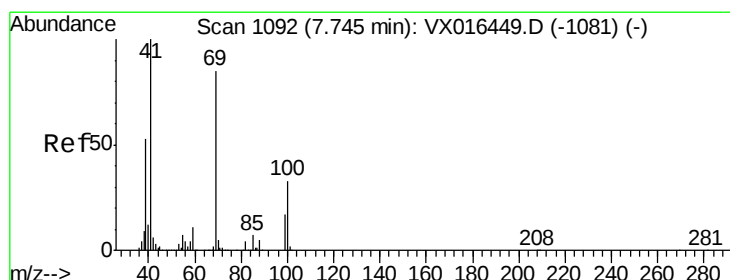
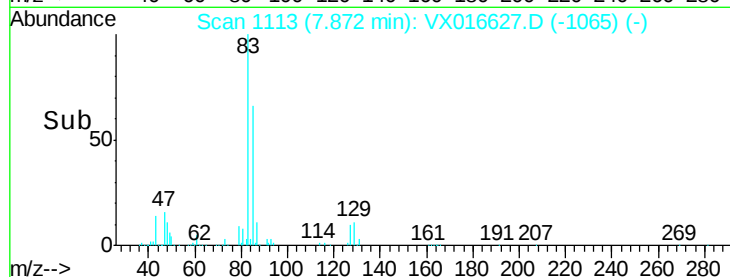
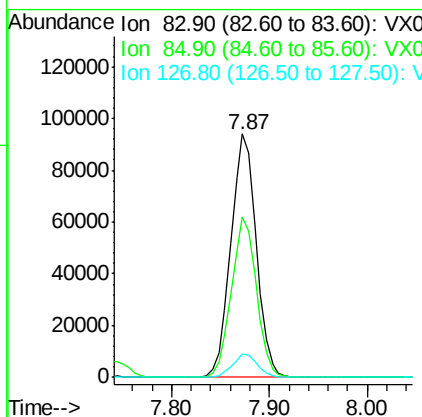
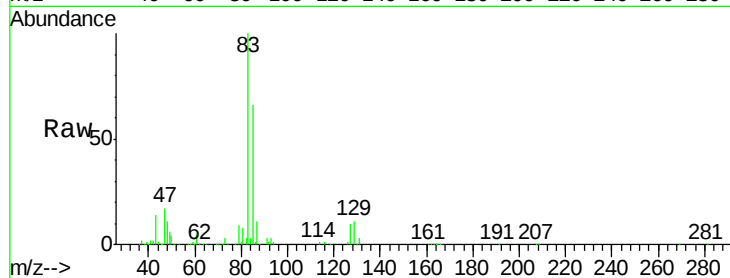
#47
Bromodichloromethane
Concen: 51.915 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	169306
Ion Ratio	Lower	Upper	
83	100		
85	65.9	52.0	78.0
127	9.9	7.4	11.0

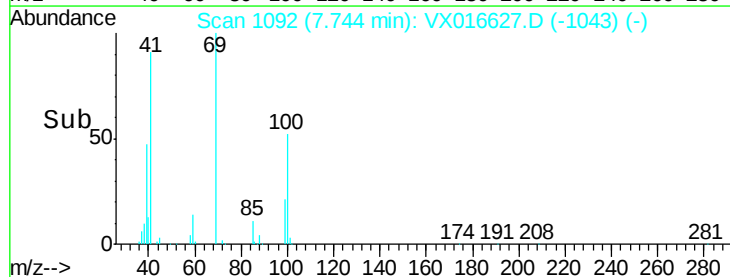
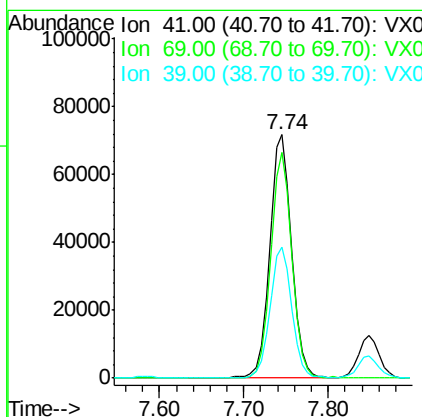
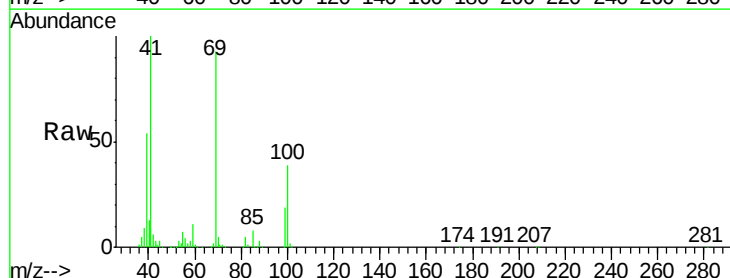
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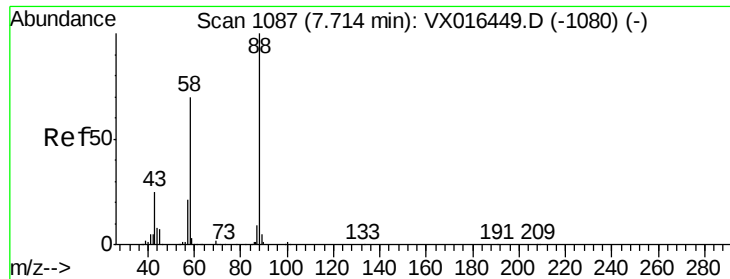
MMDadoda
6/9/2020 11:41:11 AM



#48
Methyl methacrylate
Concen: 46.323 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	41	Resp	128475
Ion Ratio	Lower	Upper	
41	100		
69	90.3	68.6	102.8
39	54.0	42.4	63.6





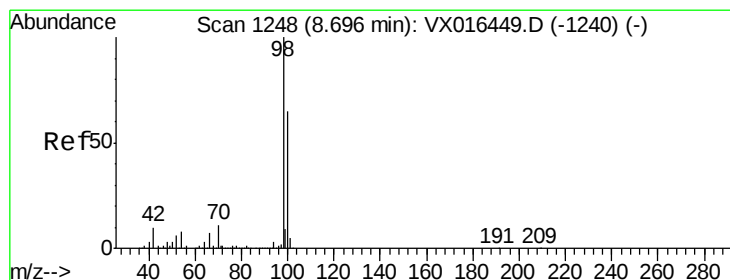
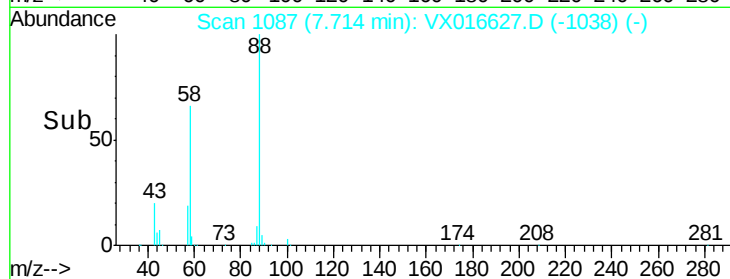
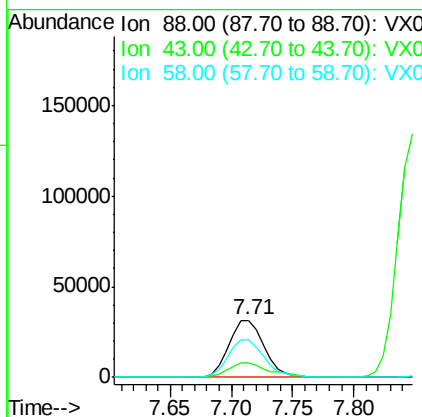
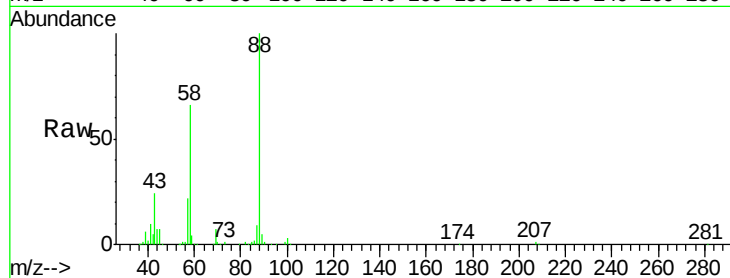
#49
1,4-Dioxane
Concen: 965.837 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.2	36.4
58	68.2	56.5	84.7

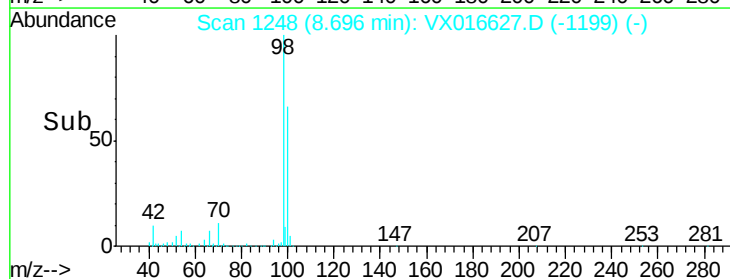
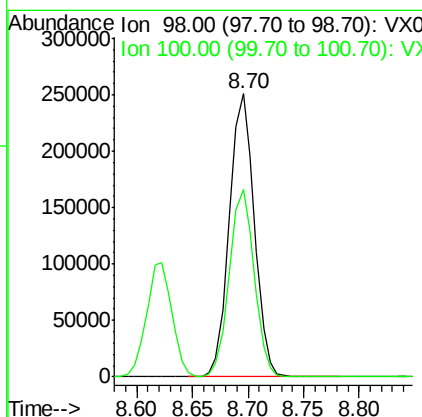
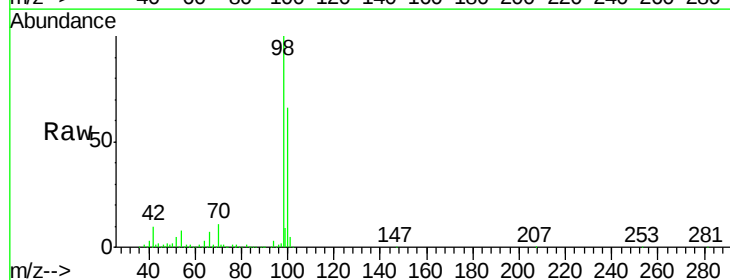
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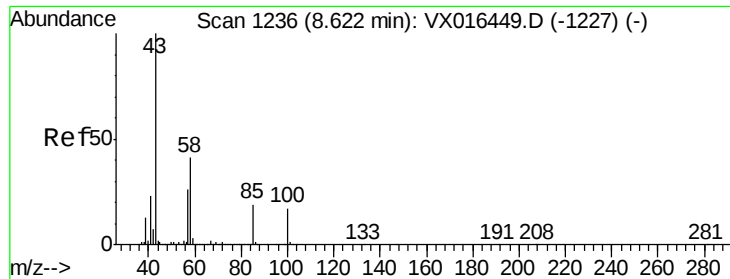
MMDadoda
6/9/2020 11:41:11 AM



#50
Toluene-d8
Concen: 49.783 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 229.909 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 829224

Ion Ratio Lower Upper

43 100

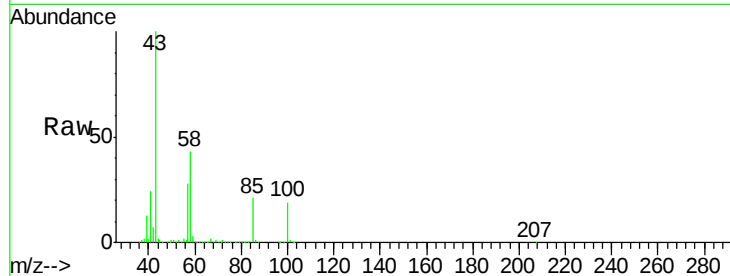
58 43.4 33.0 49.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

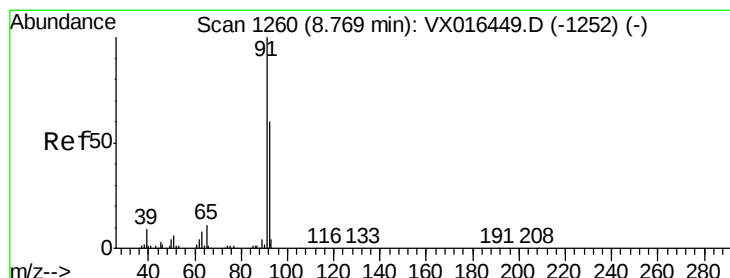
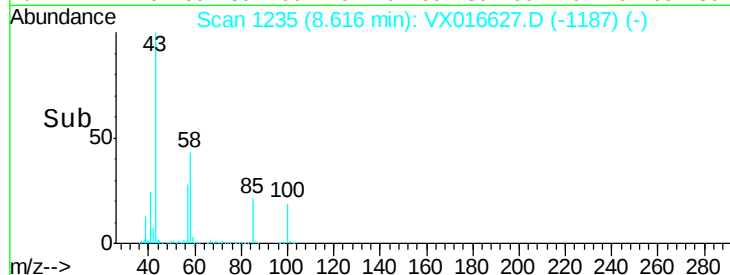
100000

0

8.62

8.50 8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 50.730 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016627.D

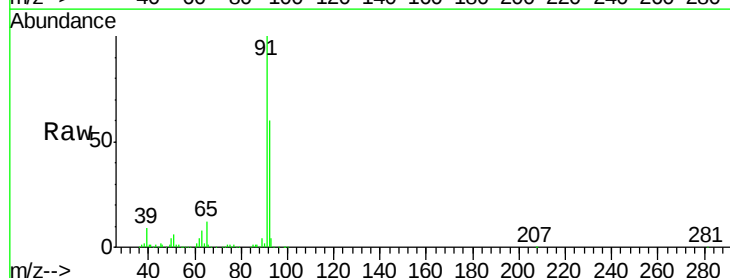
Acq: 08 Jun 2020 10:25

Tgt Ion: 92 Resp: 294665

Ion Ratio Lower Upper

92 100

91 166.9 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

200000

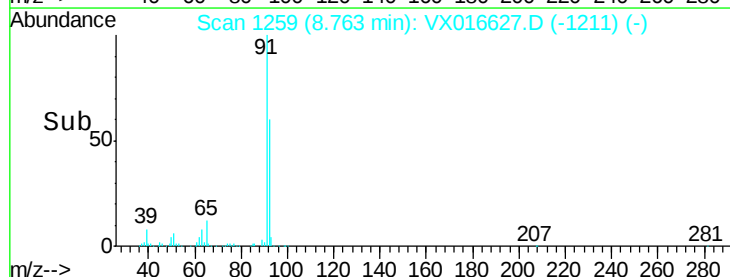
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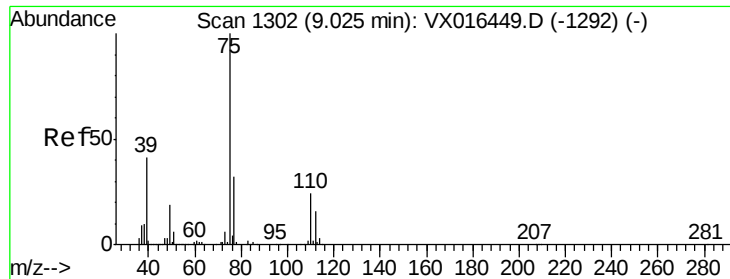
0

8.76

8.70 8.75 8.80 8.85

Time-->





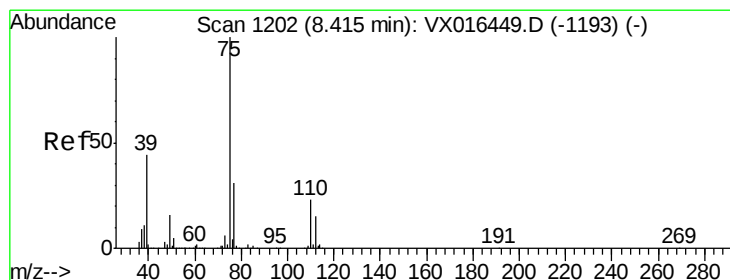
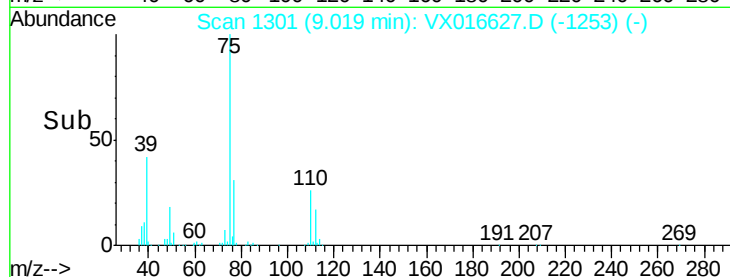
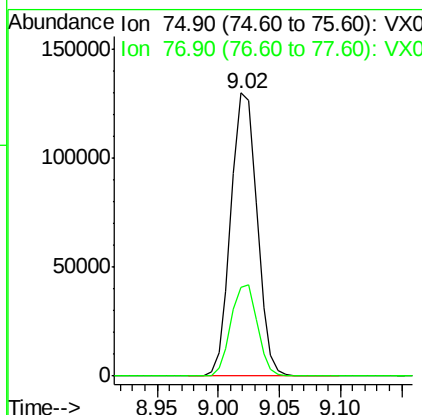
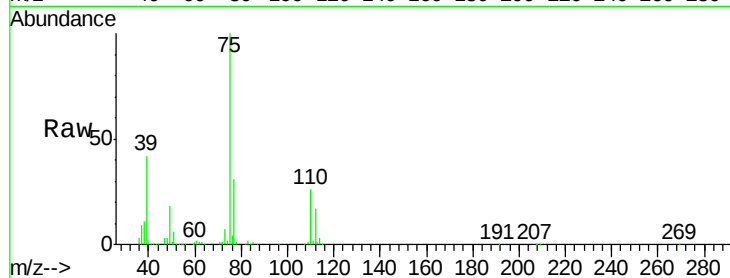
#53
t-1,3-Dichloropropene
Concen: 52.058 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

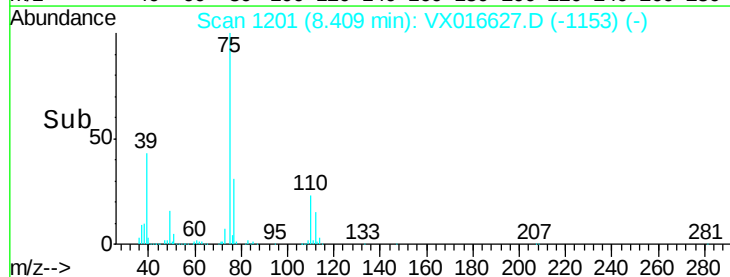
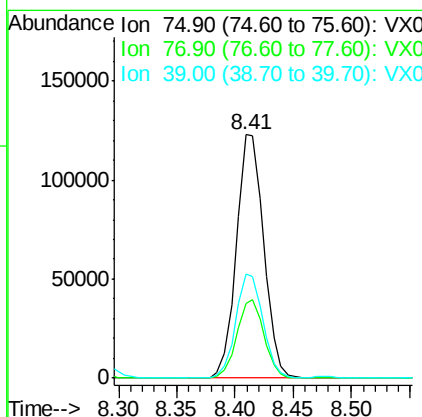
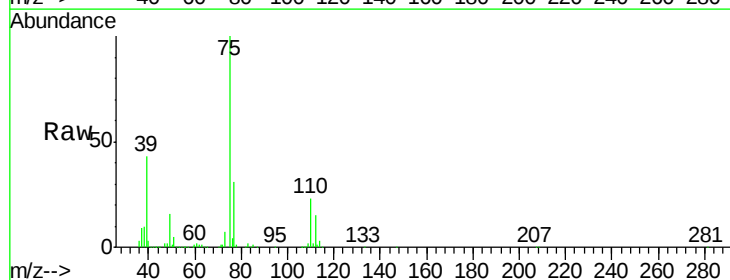
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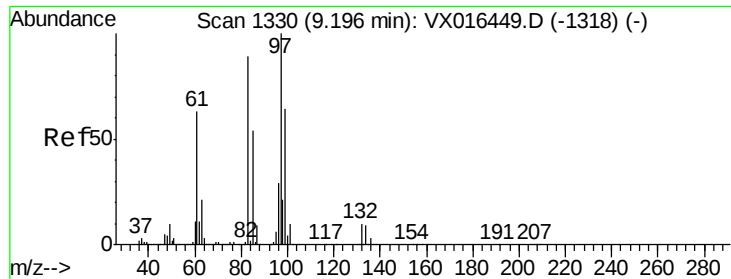
MMDadoda
6/9/2020 11:41:11 AM



#54
cis-1,3-Dichloropropene
Concen: 51.429 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	42.9	35.3	52.9





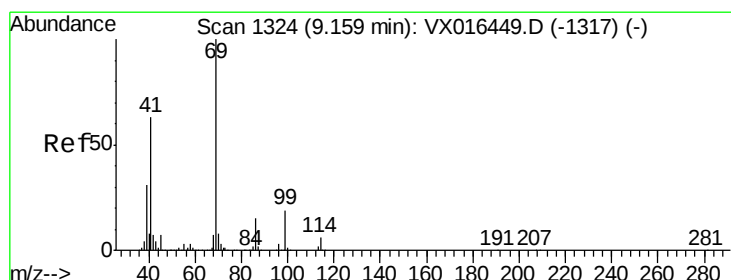
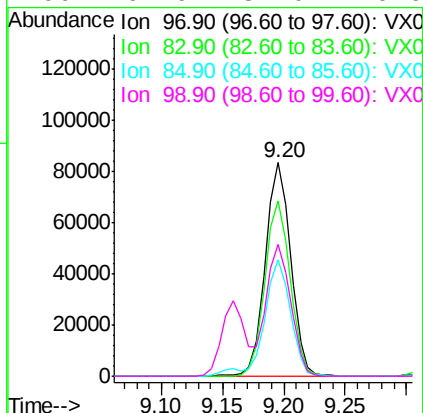
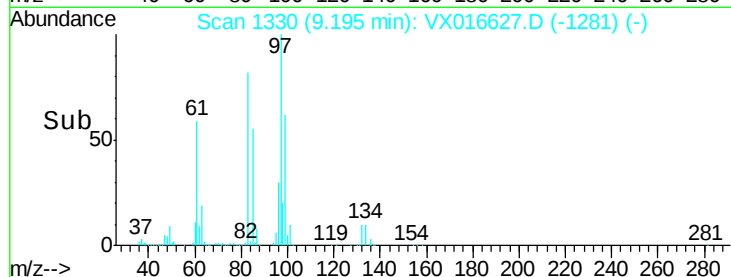
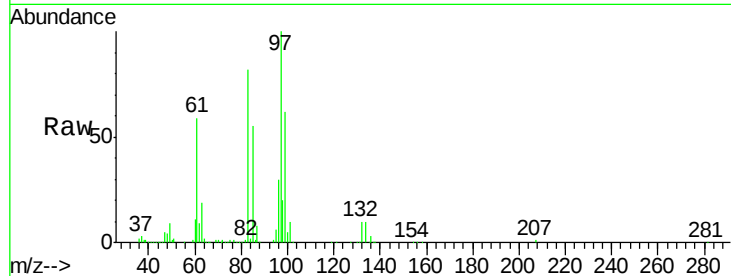
#55
 1,1,2-Trichloroethane
 Concen: 52.366 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	120938
Ion	Ratio	Lower	Upper
97	100		
83	81.9	70.9	106.3
85	54.6	43.4	65.2
99	61.9	51.0	76.6

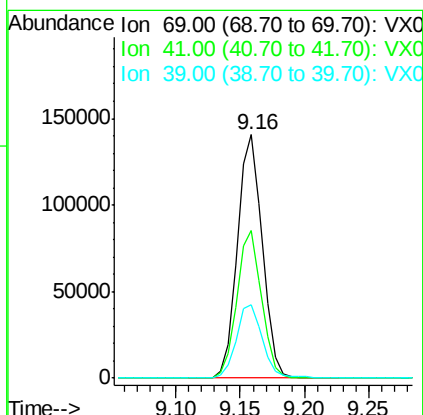
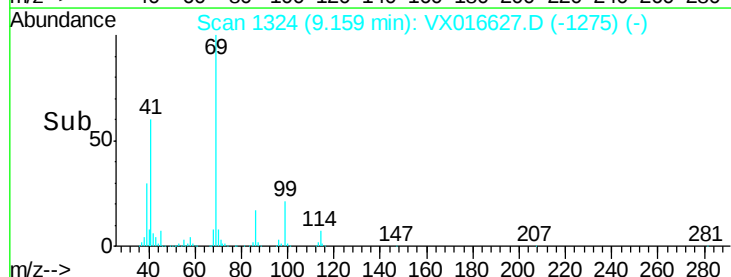
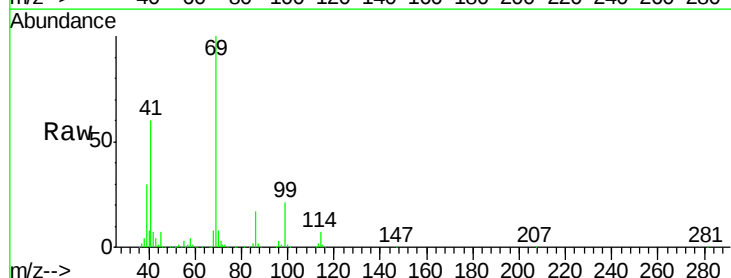
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#56
 Ethyl methacrylate
 Concen: 50.108 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion:	69	Resp:	188468
Ion	Ratio	Lower	Upper
69	100		
41	59.8	50.7	76.1
39	31.5	25.8	38.6





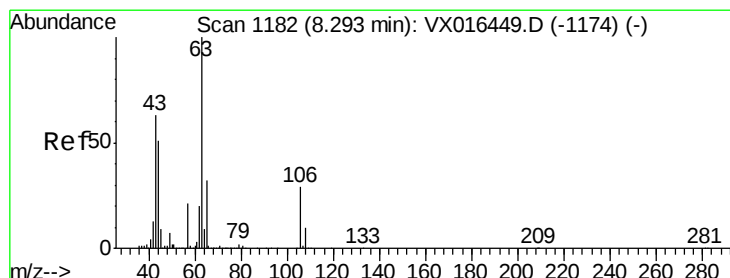
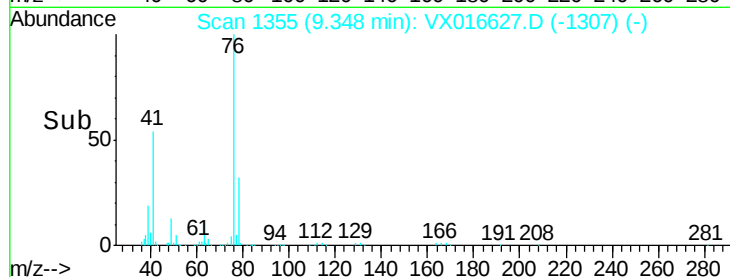
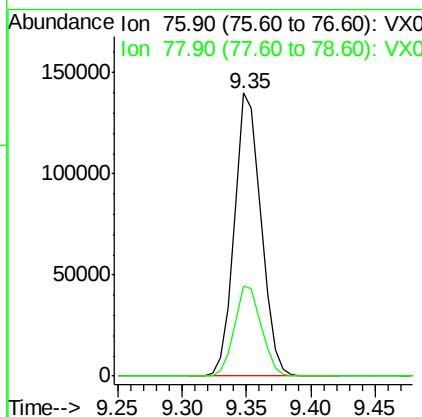
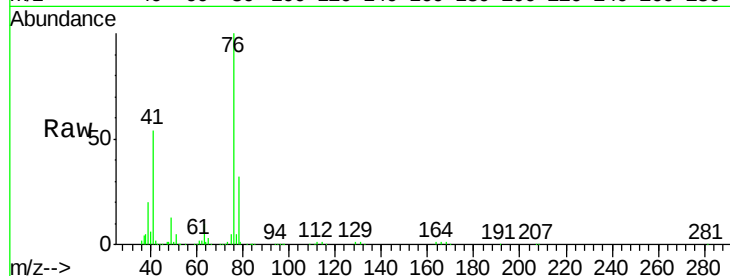
#57
 1,3-Dichloropropane
 Concen: 50.915 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

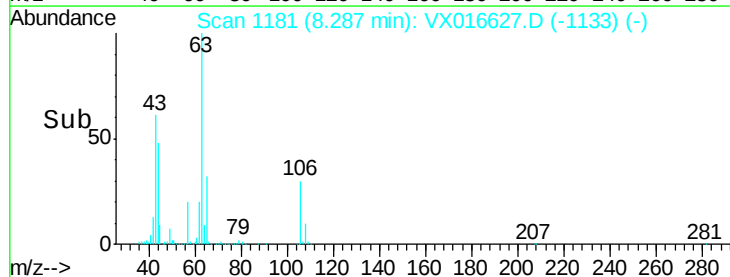
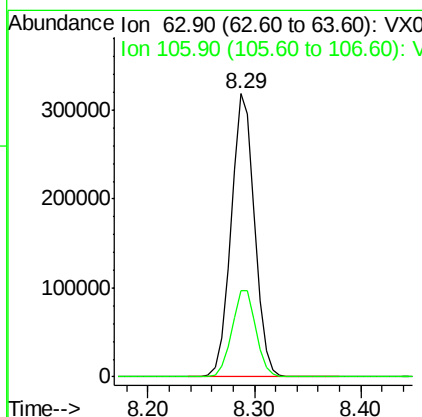
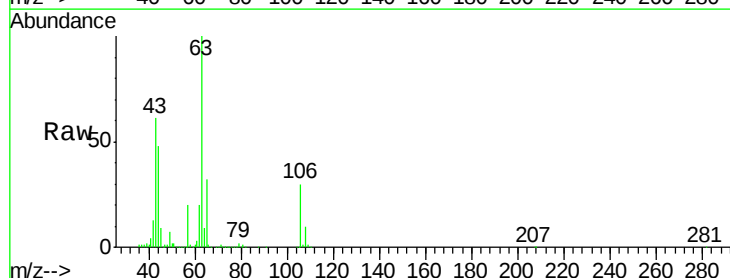
Manual Integrations
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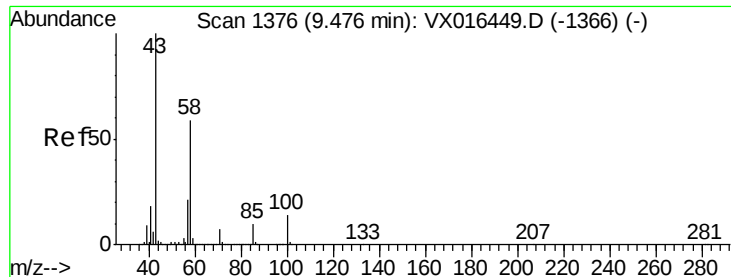
MMDadoda
 6/9/2020 11:41:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.277 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	23.2	34.8





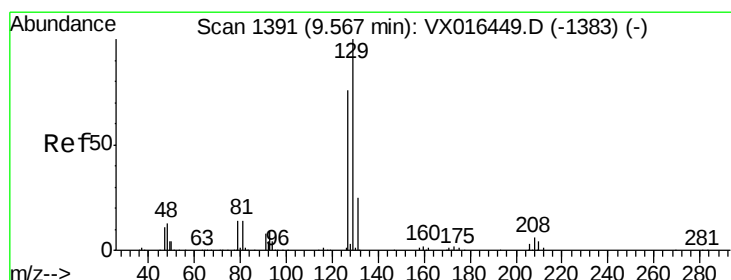
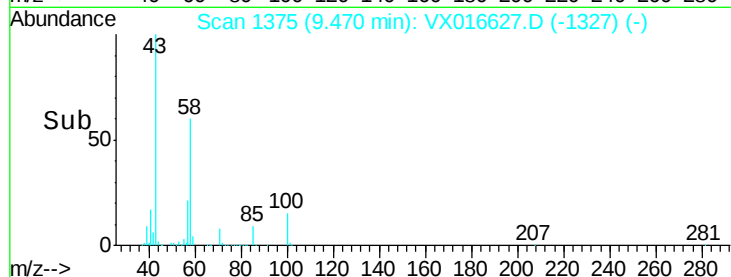
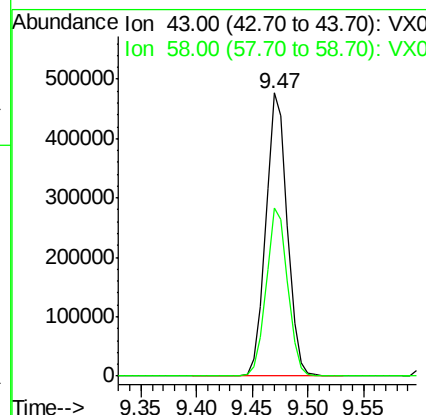
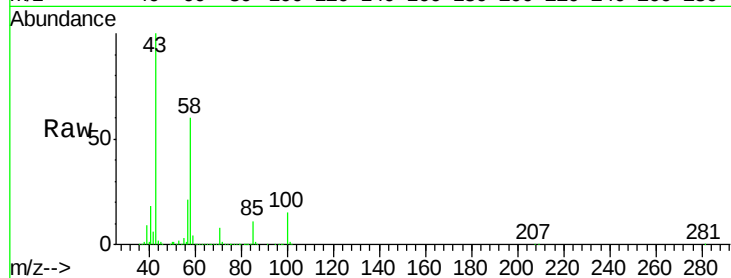
#59
2-Hexanone
Concen: 229.462 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 643597
Ion Ratio Lower Upper
43 100
58 59.8 28.8 86.4

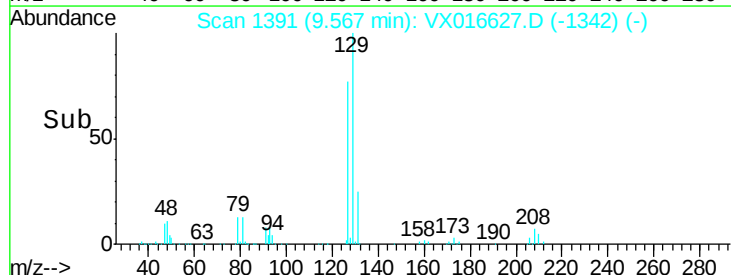
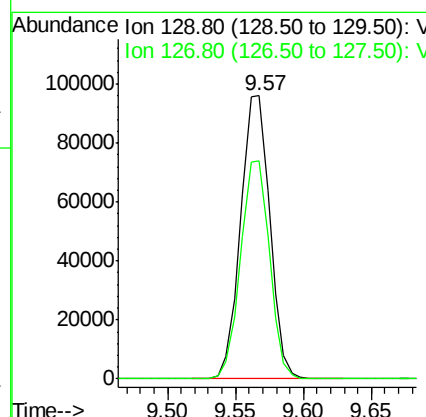
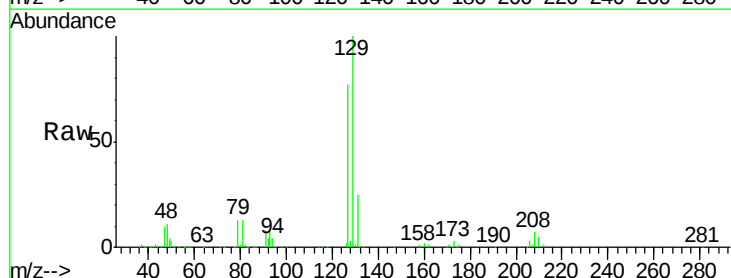
Manual Integrations
APPROVED

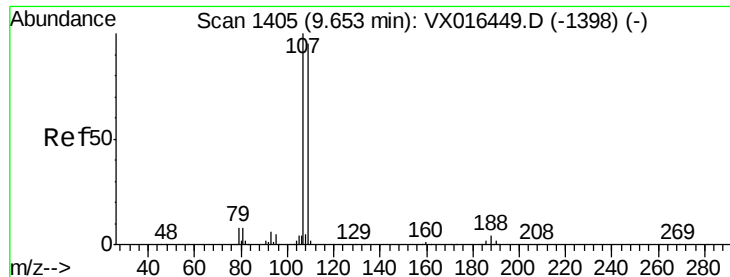
MMDadoda
6/9/2020 11:41:11 AM



#60
Dibromochloromethane
Concen: 55.580 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion: 129 Resp: 144452
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.198 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 129091

Ion Ratio Lower Upper

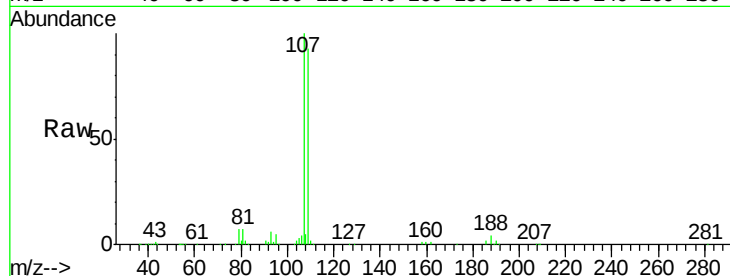
107 100

109 94.4 75.5 113.3

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6/9/2020 11:41:11 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

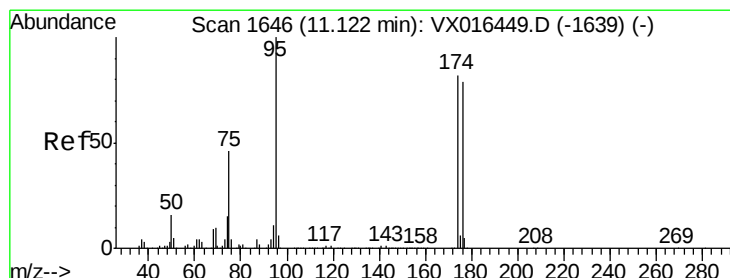
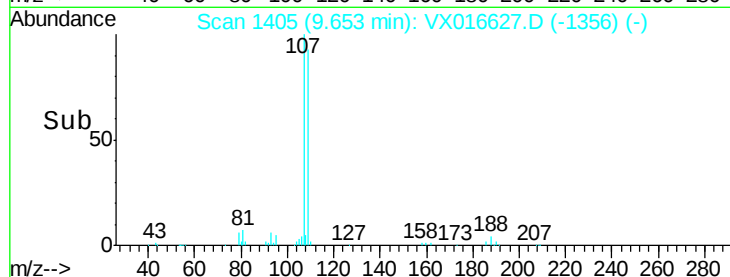
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.841 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

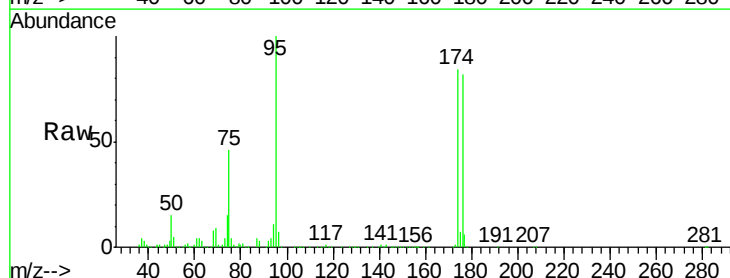
Tgt Ion: 95 Resp: 150784

Ion Ratio Lower Upper

95 100

174 84.3 0.0 163.0

176 83.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

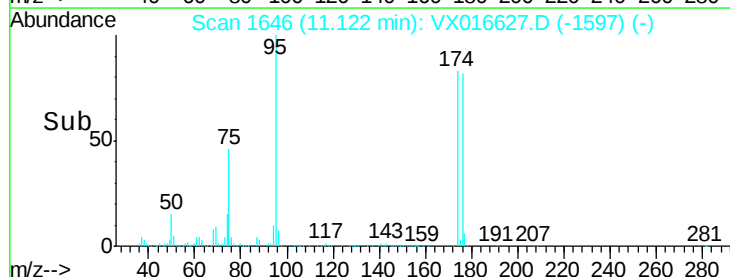
150000

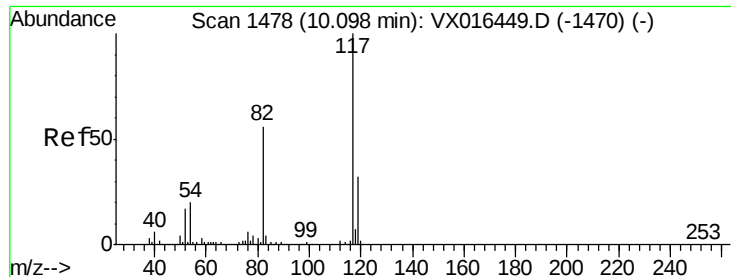
100000

50000

0

Time-->





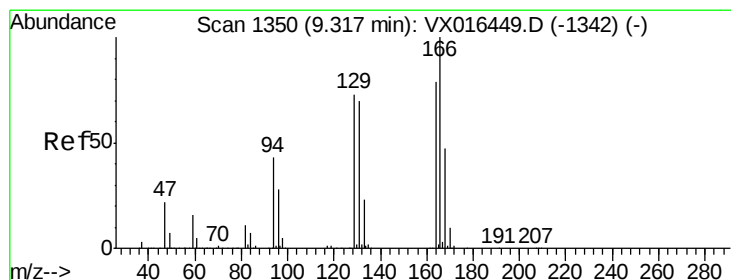
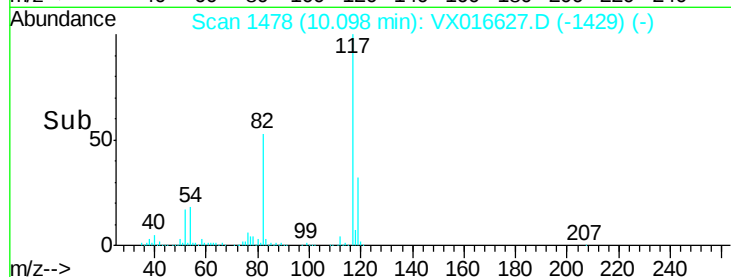
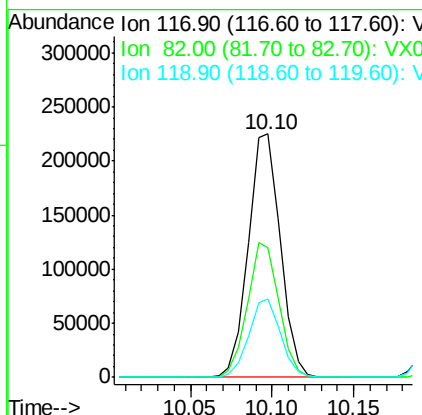
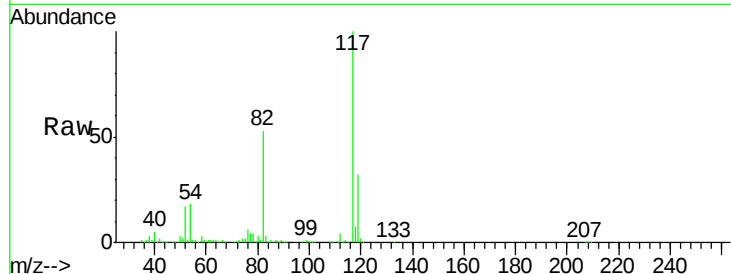
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	309017		
82	53.2	45.0	67.6	
119	32.1	25.8	38.8	

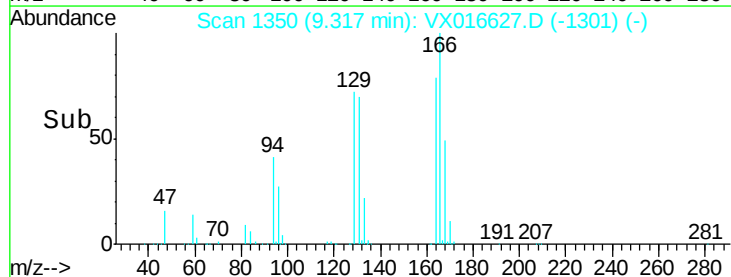
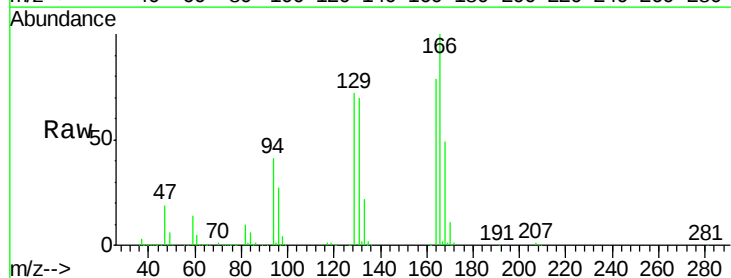
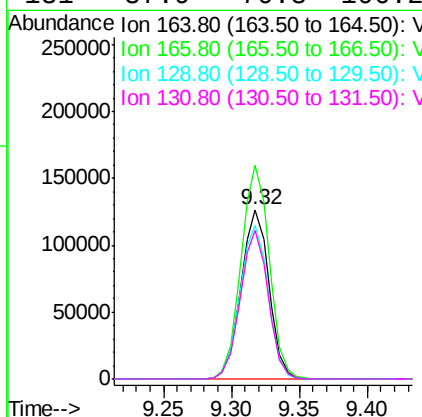
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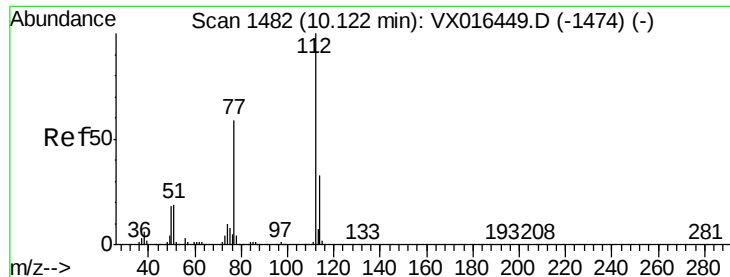
MMDadoda
6/9/2020 11:41:11 AM



#64
Tetrachloroethene
Concen: 52.706 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	182216		
166	126.0	100.9	151.3	
129	90.8	73.2	109.8	
131	87.9	70.8	106.2	





#65

Chlorobenzene

Concen: 50.544 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 318429

Ion Ratio Lower Upper

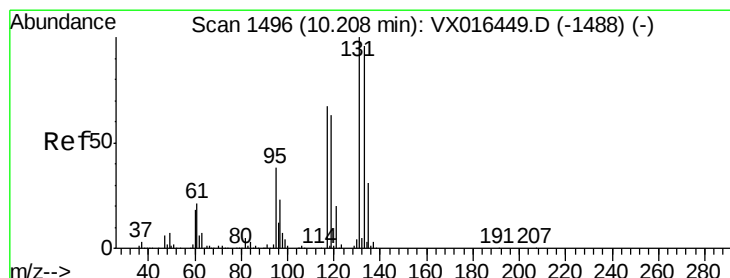
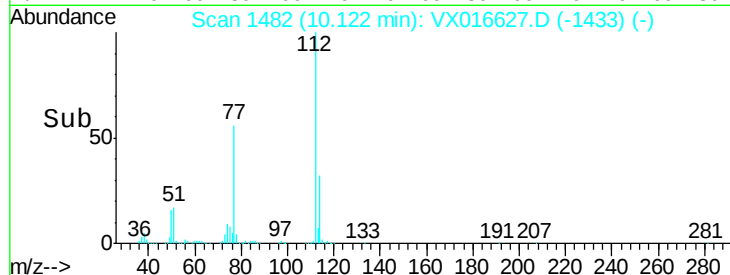
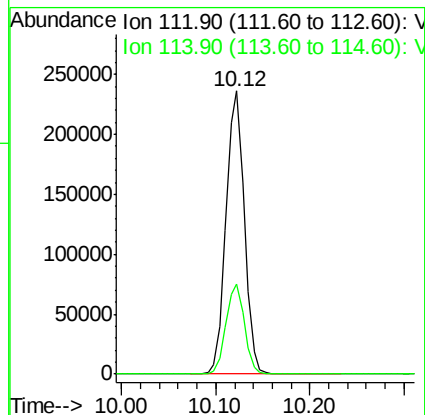
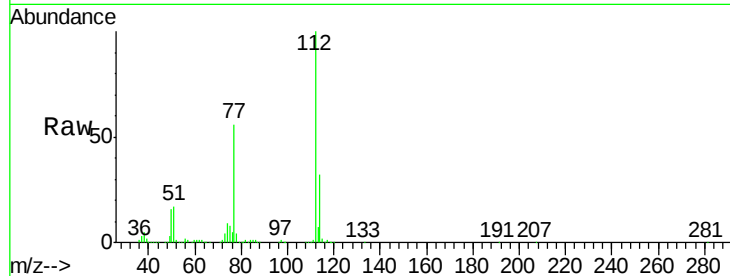
112 100

114 31.7 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.217 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

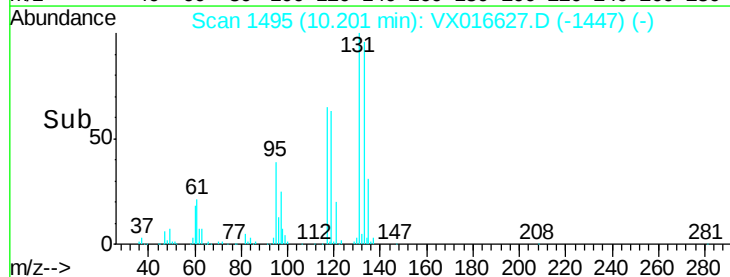
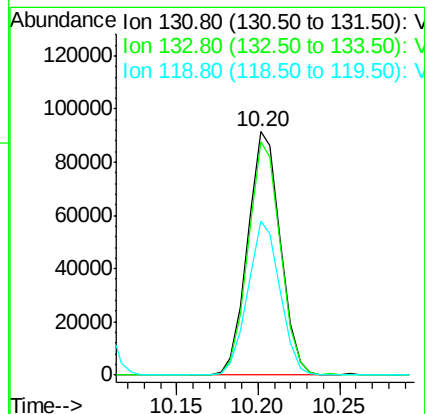
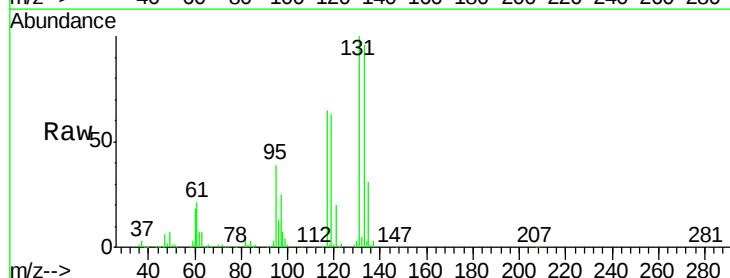
Tgt Ion:131 Resp: 127980

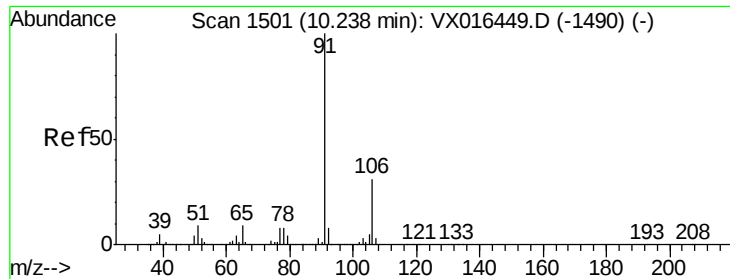
Ion Ratio Lower Upper

131 100

133 94.9 48.4 145.3

119 62.7 32.0 96.2





#67

Ethyl Benzene

Concen: 50.086 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 561803

Ion Ratio Lower Upper

91 100

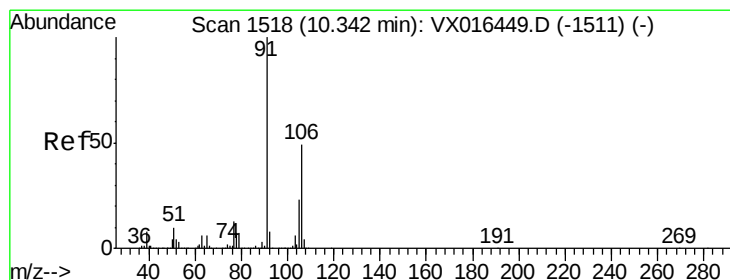
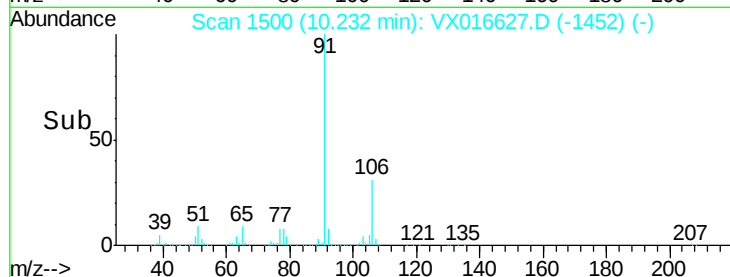
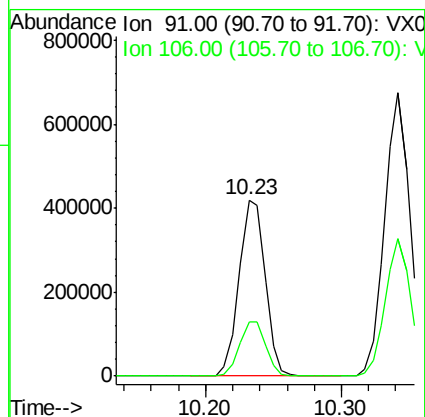
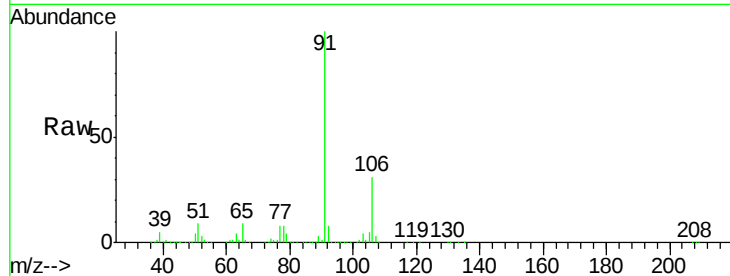
106 30.8 25.0 37.4

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#68

m/p-Xylenes

Concen: 102.512 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016627.D

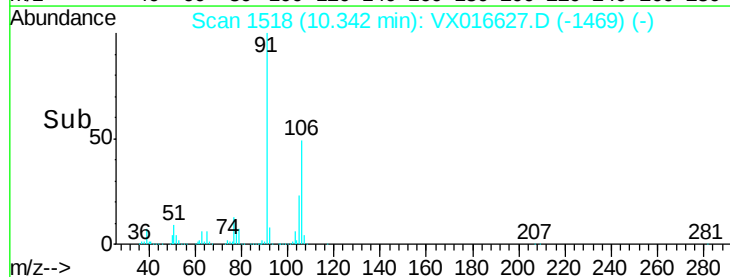
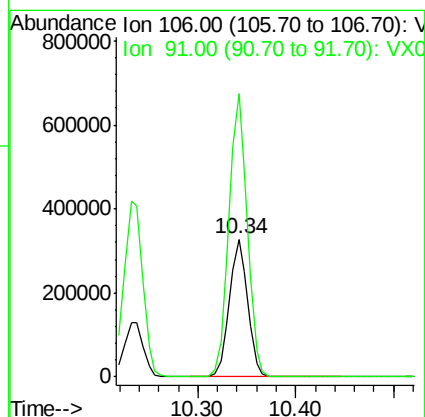
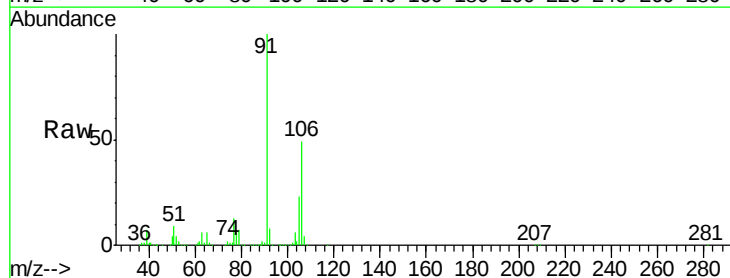
Acq: 08 Jun 2020 10:25

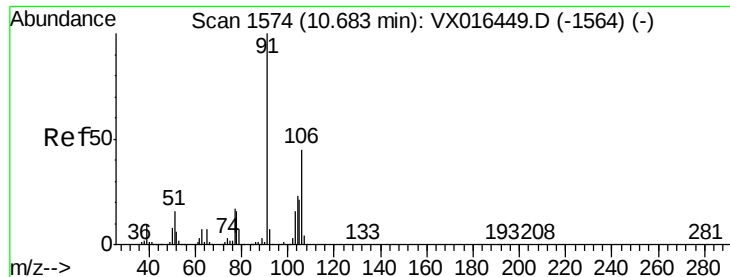
Tgt Ion: 106 Resp: 426331

Ion Ratio Lower Upper

106 100

91 205.4 163.8 245.8





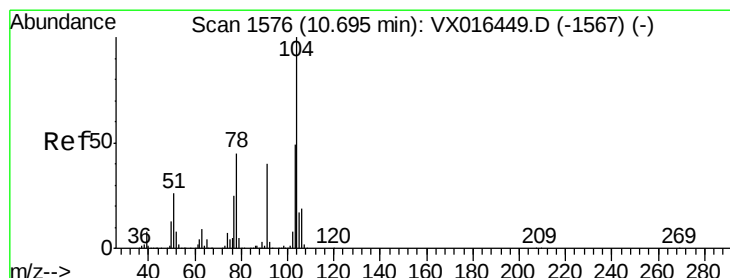
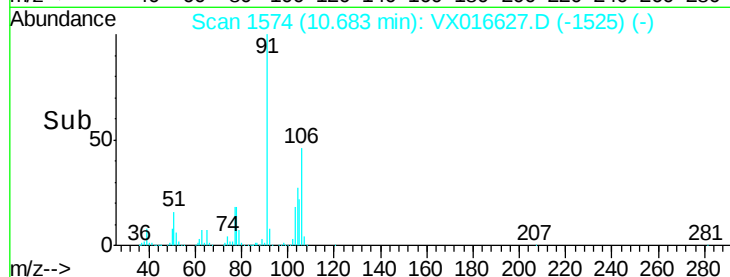
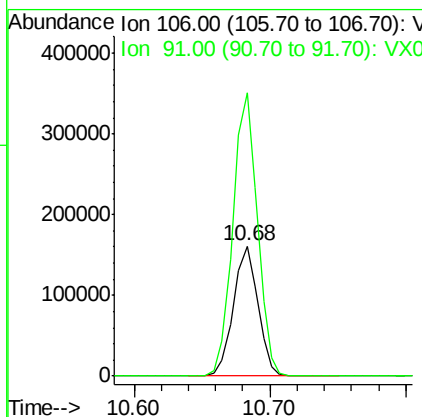
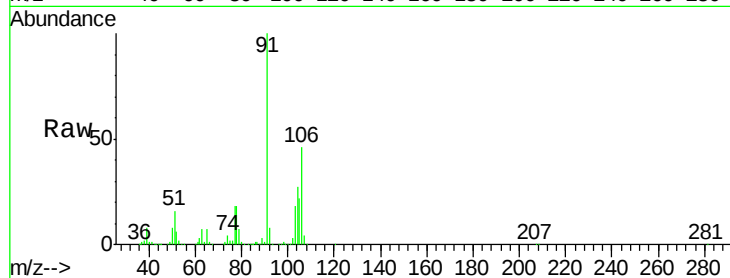
#69
o-Xylene
Concen: 50.080 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	201703		
91	91	218.2	109.6	328.8	

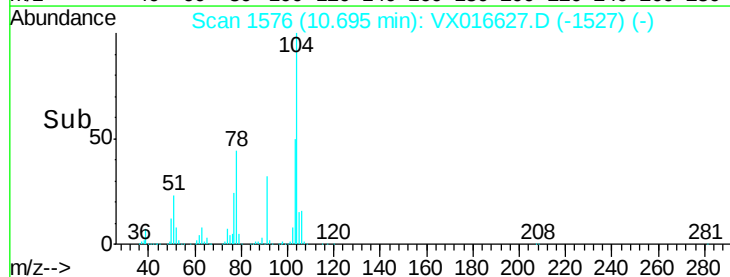
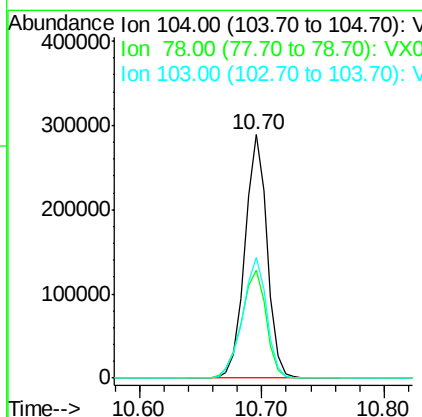
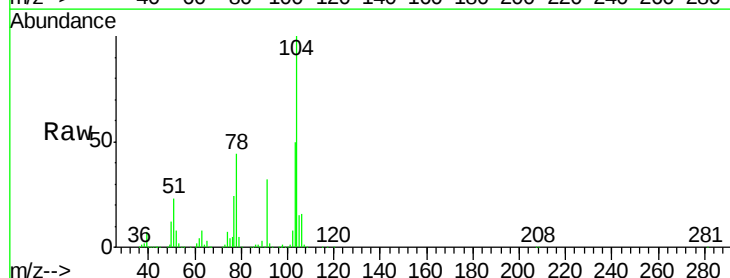
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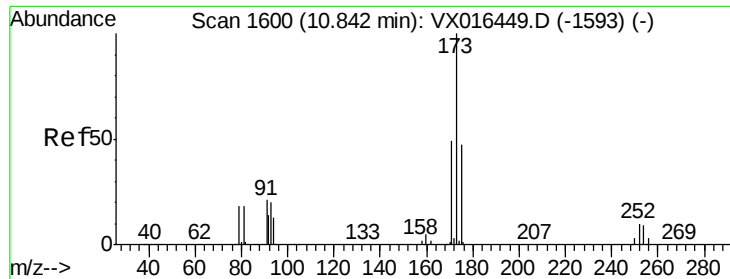
MMDadoda
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#70
Styrene
Concen: 52.347 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	362394		
78	78	49.8	40.2	60.2	
103	103	53.9	43.1	64.7	





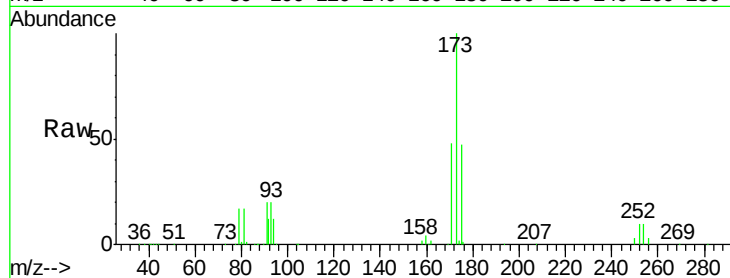
#71
Bromoform
Concen: 56.363 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.9	71.7
254	0.1	0.1	0.1

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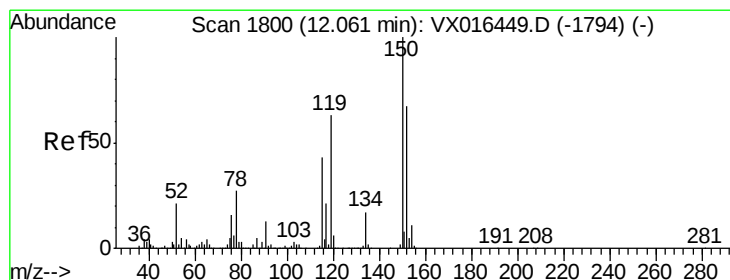
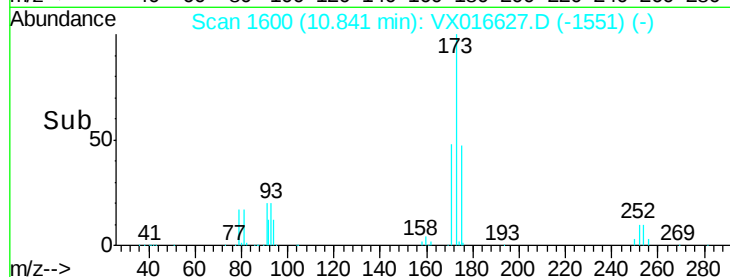
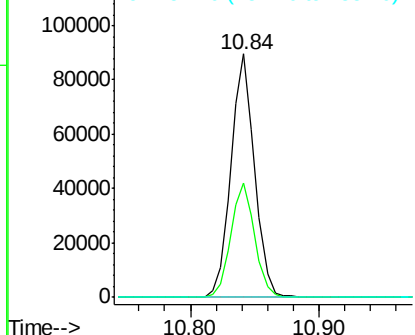


Abundance

Ion 172.70 (172.40 to 173.40): V

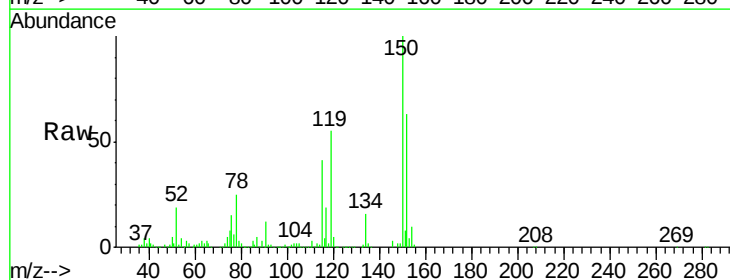
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.6	39.9	119.6
150	172.7	0.0	341.0

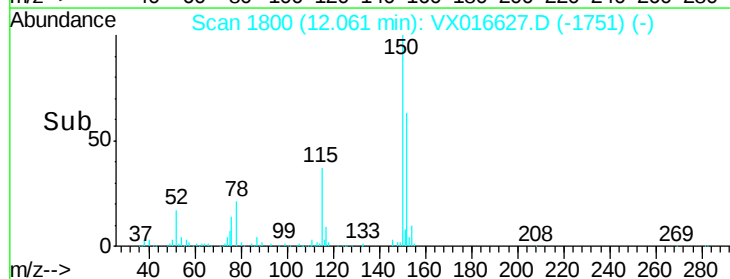
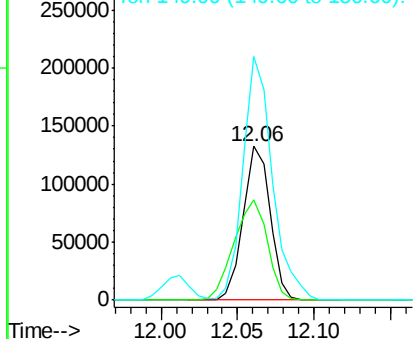


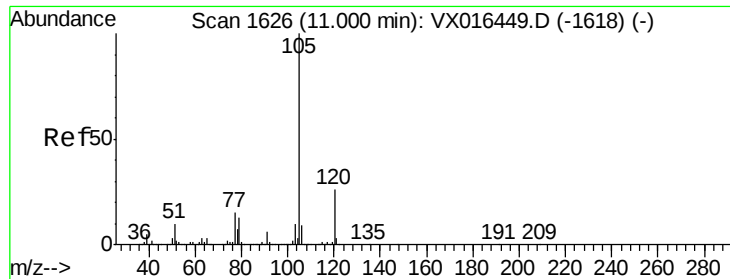
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.785 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 549089

Ion Ratio Lower Upper

105 100

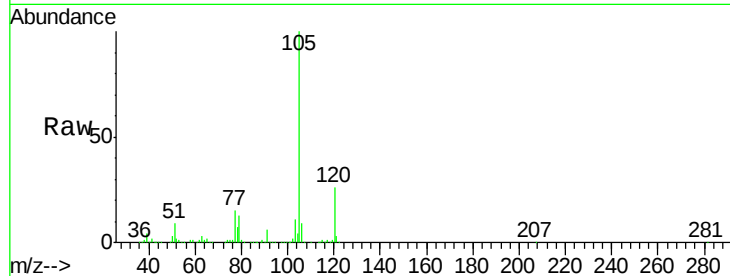
120 26.4 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

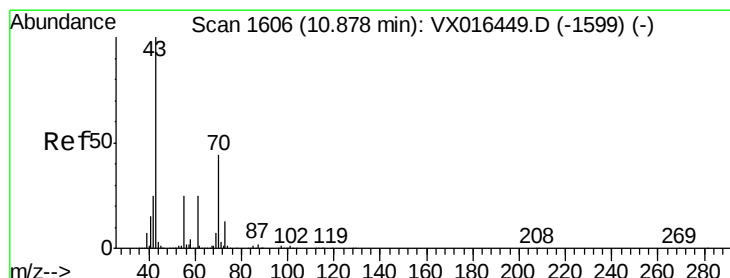
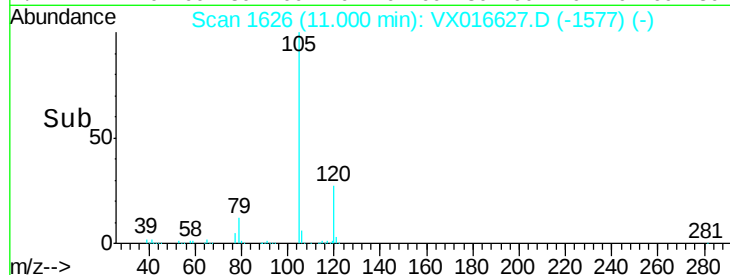
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 42.484 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Tgt Ion: 43 Resp: 219944

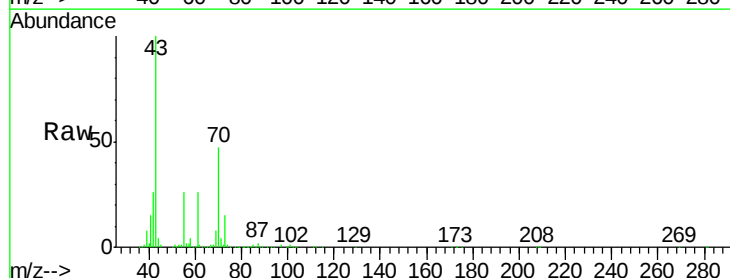
Ion Ratio Lower Upper

43 100

70 48.4 36.1 54.1

55 26.9 20.2 30.4

61 26.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

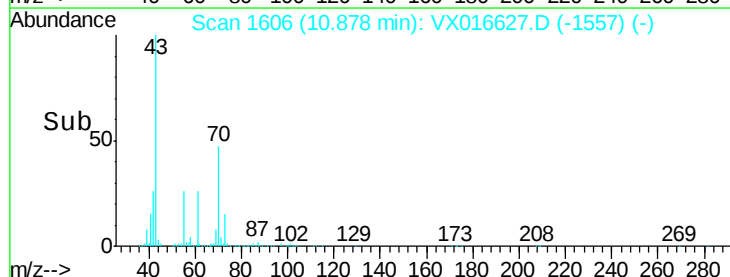
150000

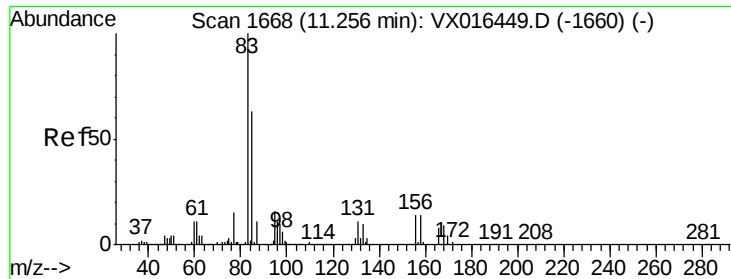
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 47.509 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

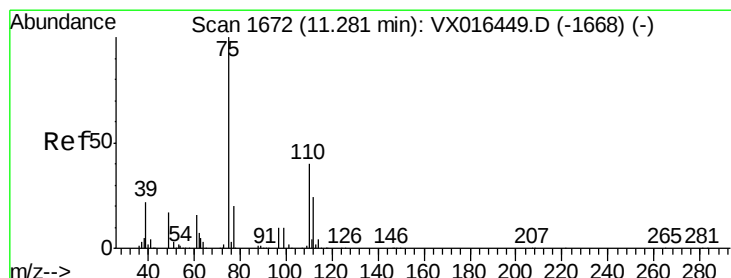
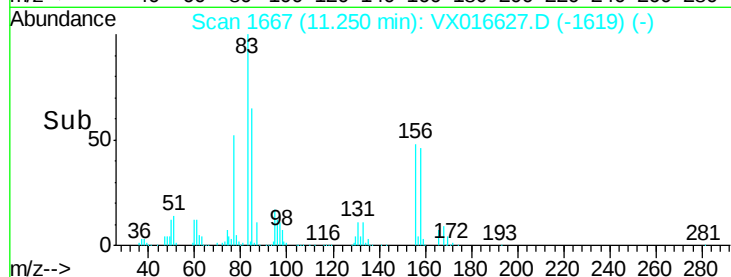
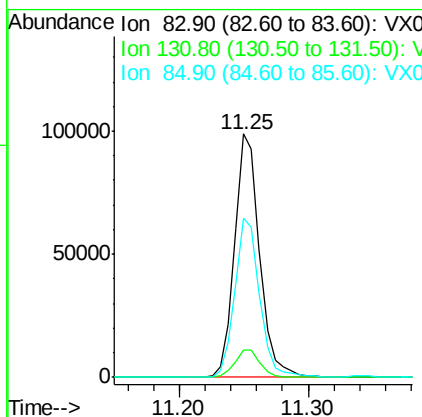
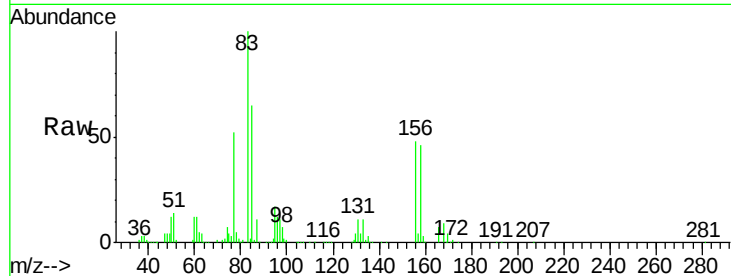
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	134014
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.3
85	65.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 48.694 ug/l m

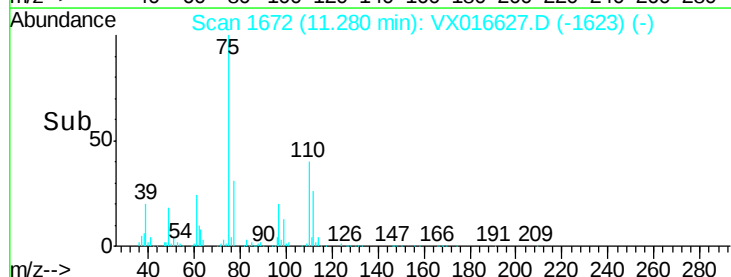
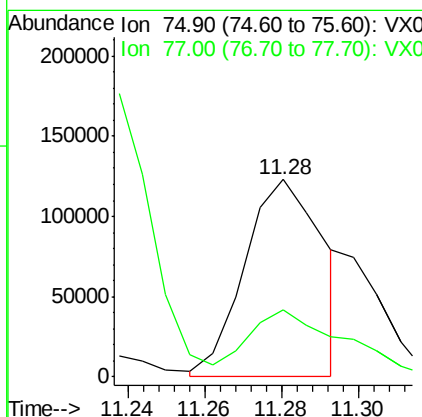
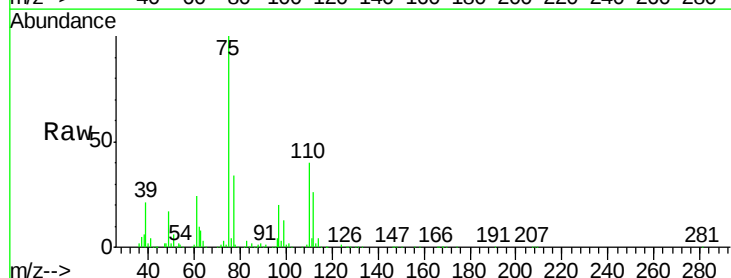
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Tgt Ion:	75	Resp:	173866
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.3	63.7





#77

Bromobenzene

Concen: 49.277 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

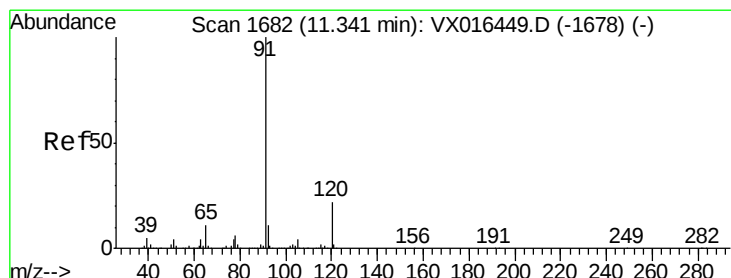
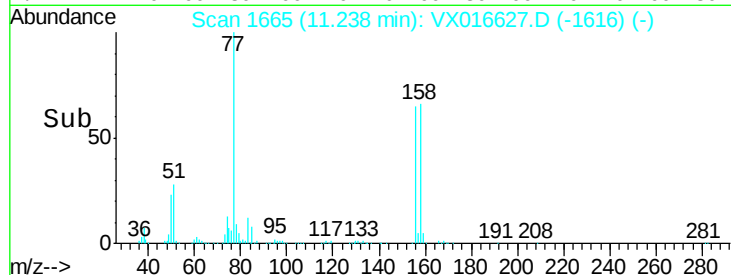
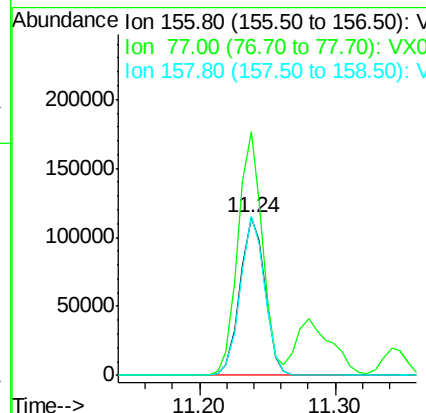
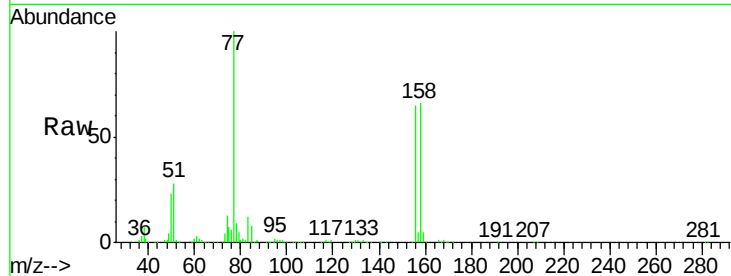
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.0	79.6	238.8
158	98.5	48.1	144.4

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#78

n-propylbenzene

Concen: 48.971 ug/l

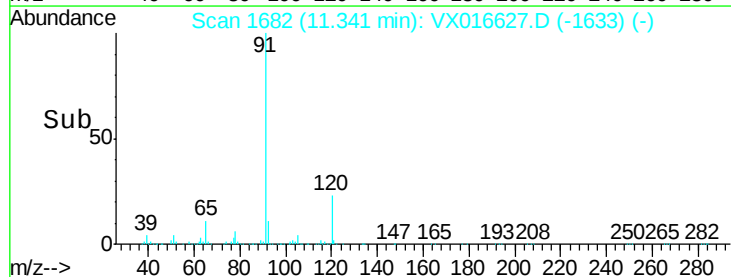
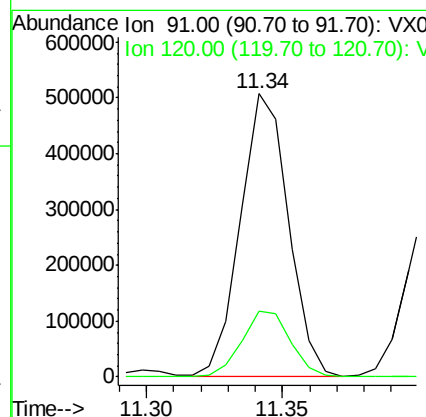
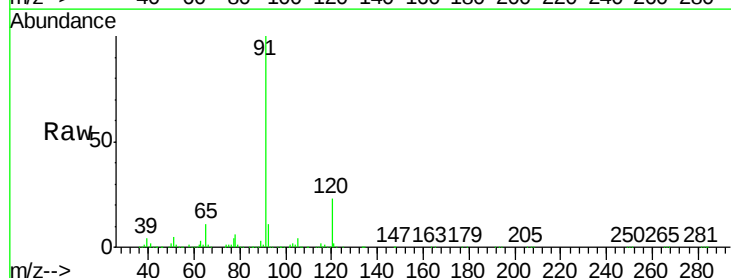
RT: 11.34 min Scan# 1682

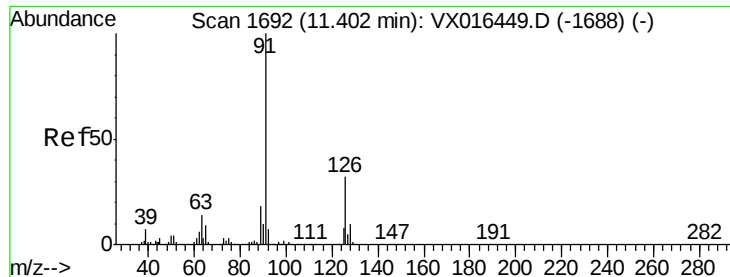
Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.6	34.7





#79

2-Chlorotoluene

Concen: 49.110 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016627.D

Acq: 08 Jun 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 376947

Ion Ratio Lower Upper

91 100

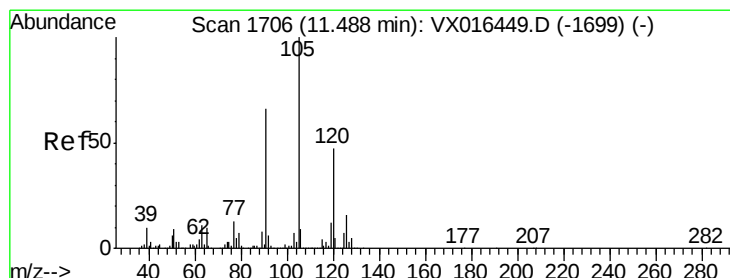
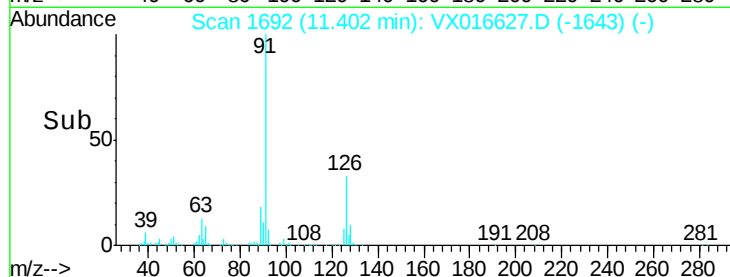
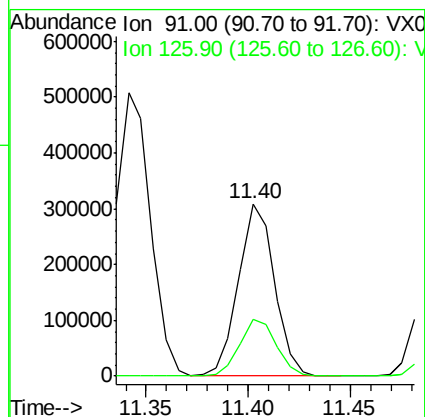
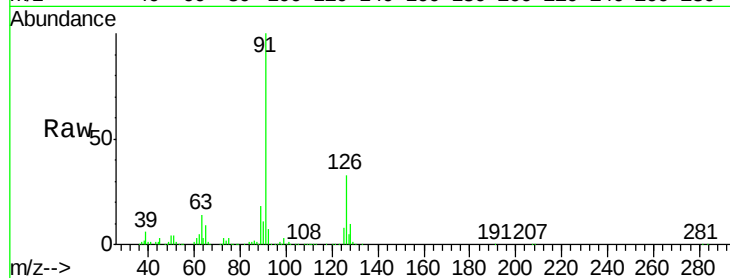
126 33.9 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 50.588 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016627.D

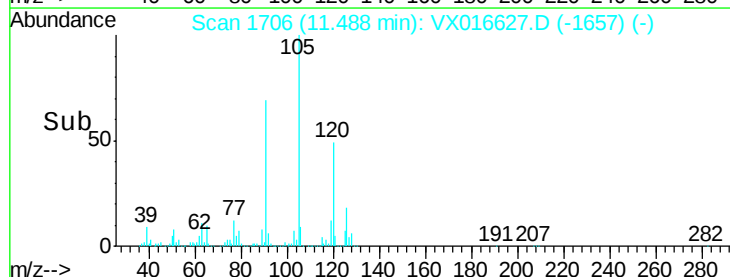
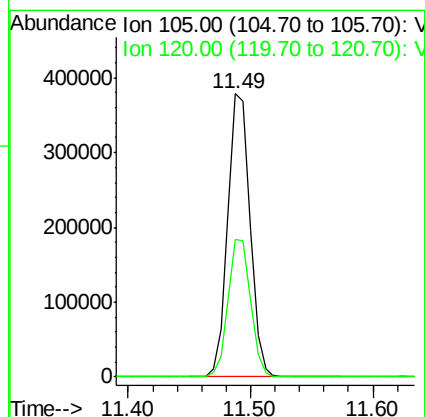
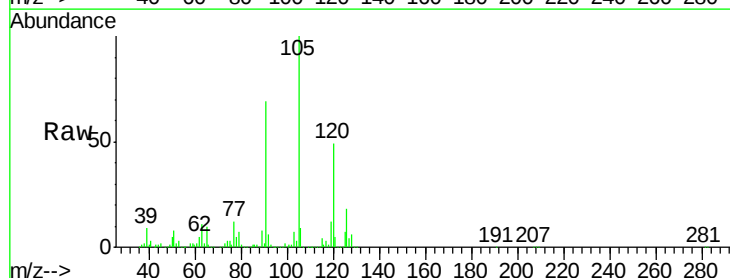
Acq: 08 Jun 2020 10:25

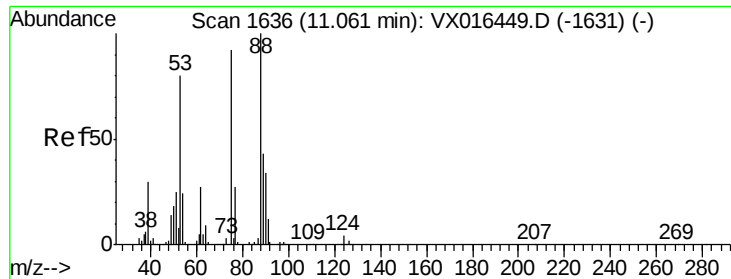
Tgt Ion: 105 Resp: 475427

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





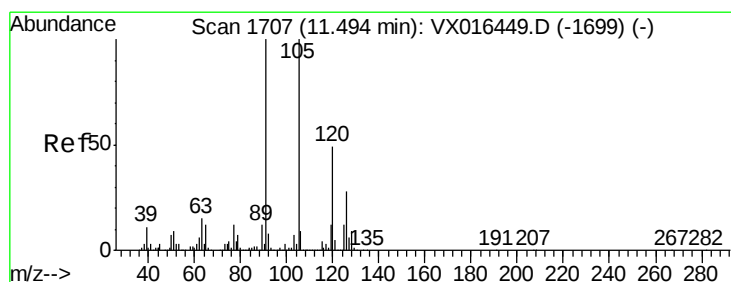
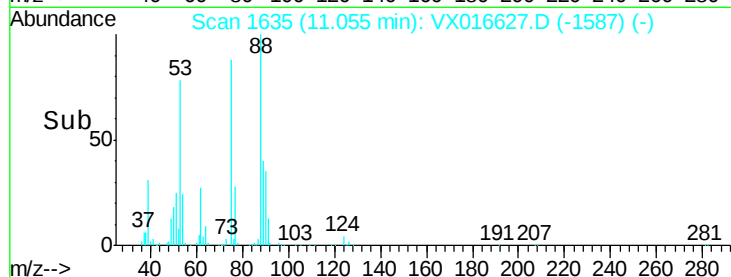
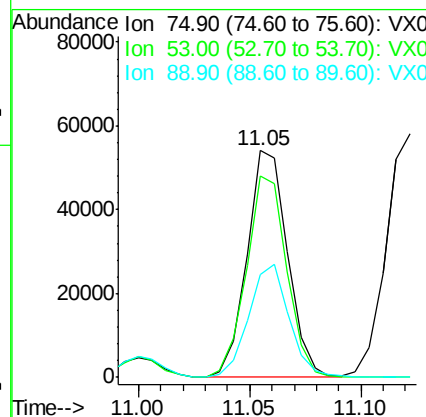
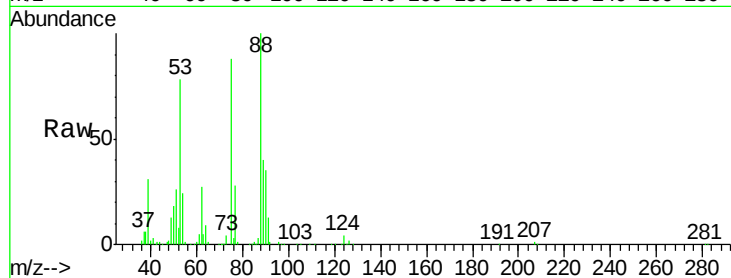
#81
trans-1,4-Dichloro-2-butene
Concen: 47.118 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.0	71.3	106.9
89	49.8	36.6	55.0

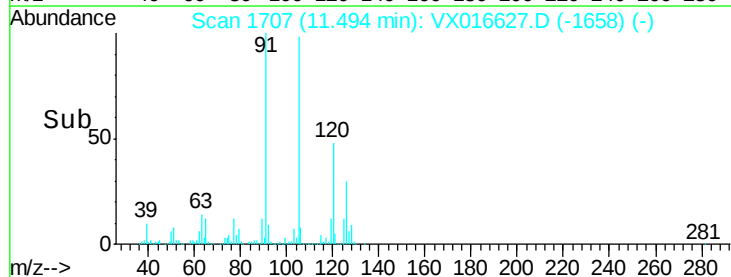
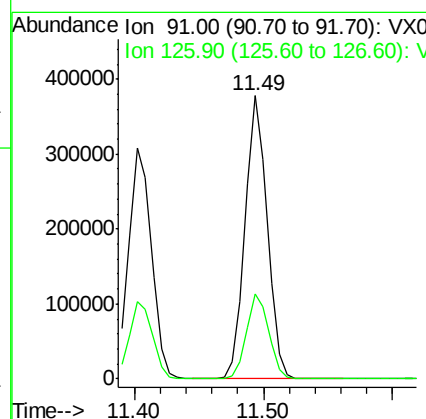
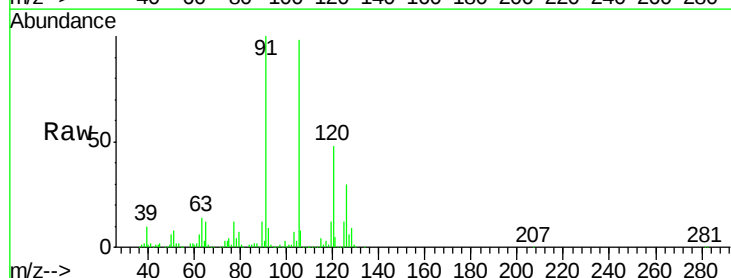
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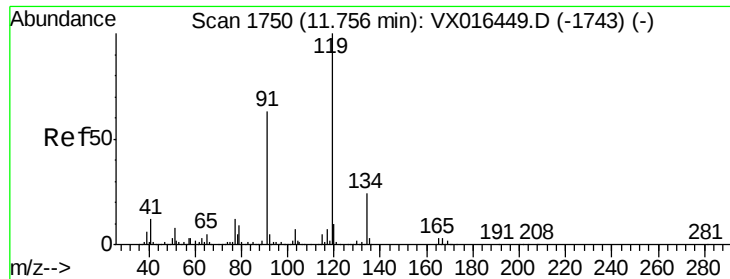
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#82
4-Chlorotoluene
Concen: 49.534 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.7	44.1





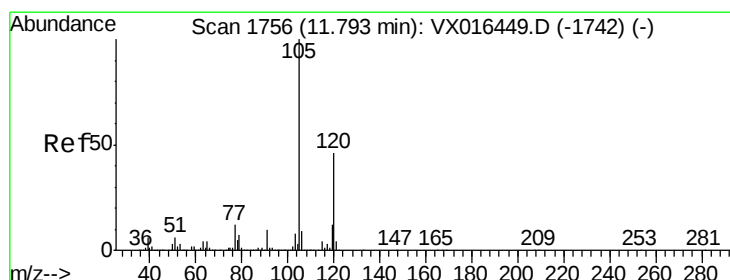
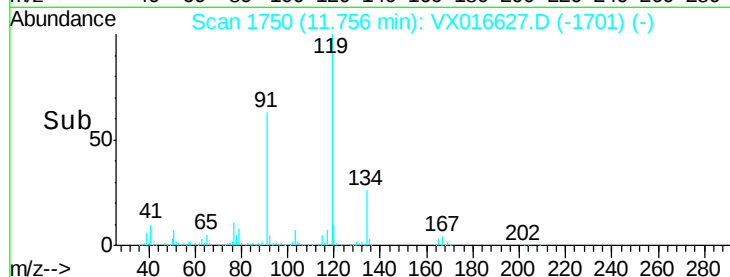
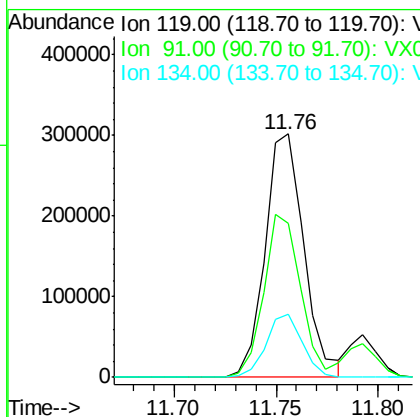
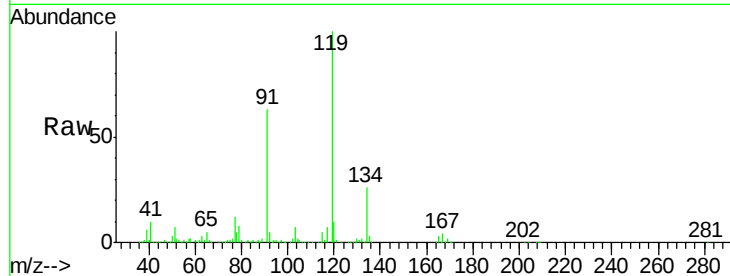
#83
tert-Butylbenzene
Concen: 49.954 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	401136		
91	63.1	31.3	93.8	
134	24.2	12.0	36.0	

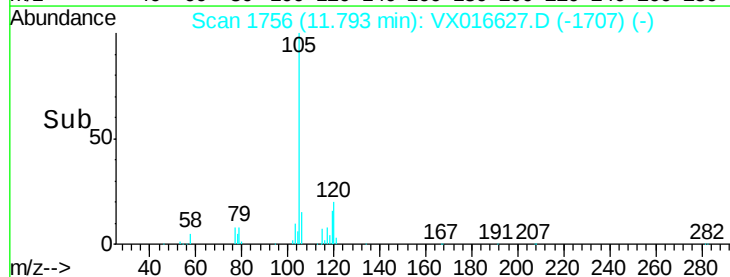
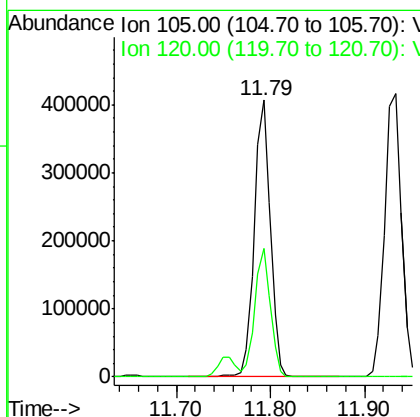
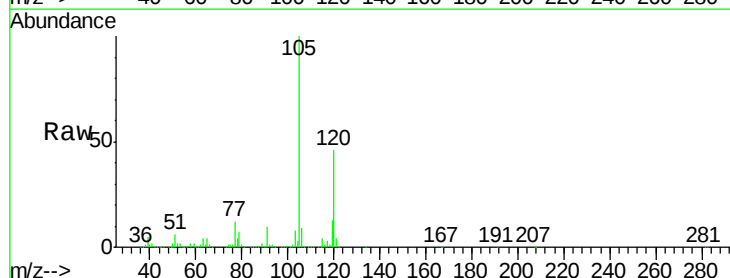
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#84
1,2,4-Trimethylbenzene
Concen: 50.719 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	482048		
120	45.2	22.6	67.7	





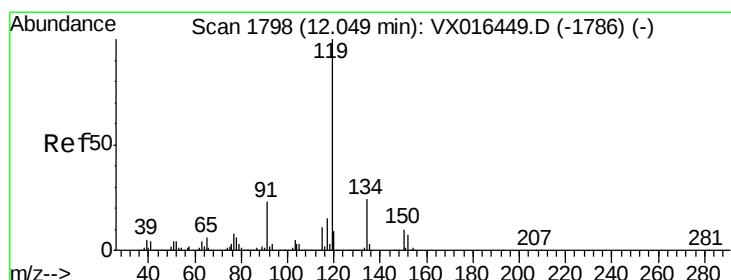
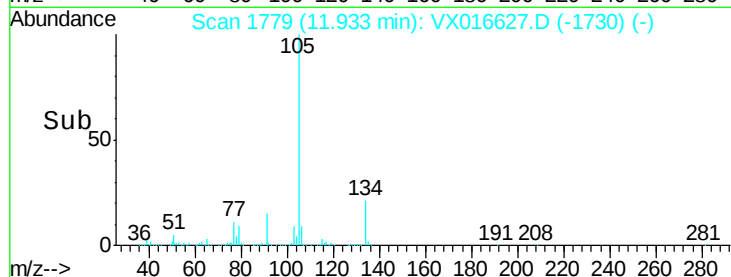
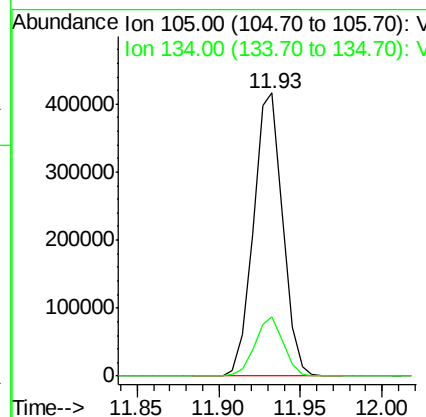
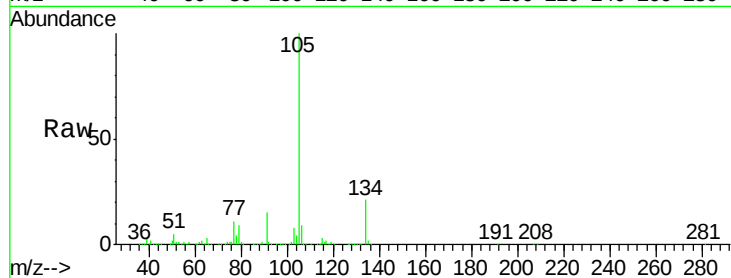
#85
 sec-Butylbenzene
 Concen: 51.575 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	519539		
134	20.3	10.1	30.3	

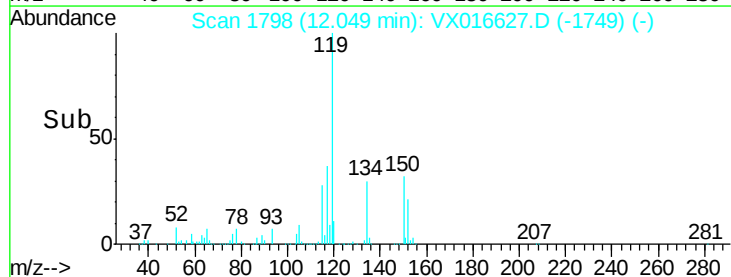
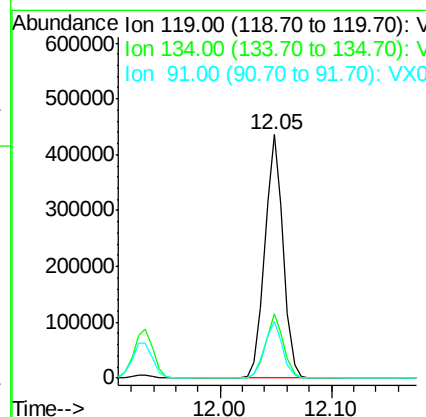
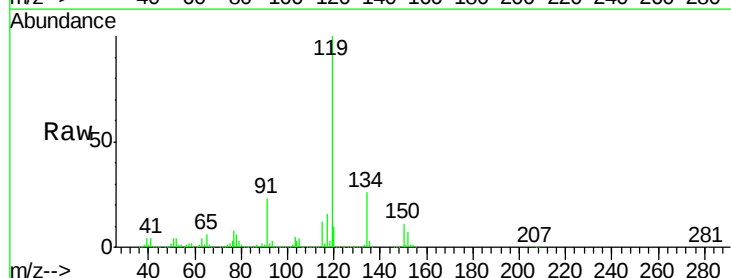
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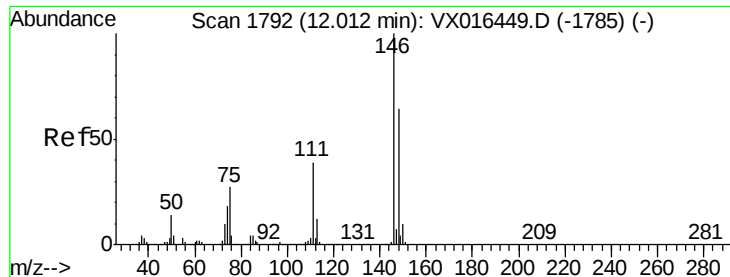
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#86
 p-Isopropyltoluene
 Concen: 52.951 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	499665		
134	25.8	12.7	38.0	
91	23.1	11.7	35.0	





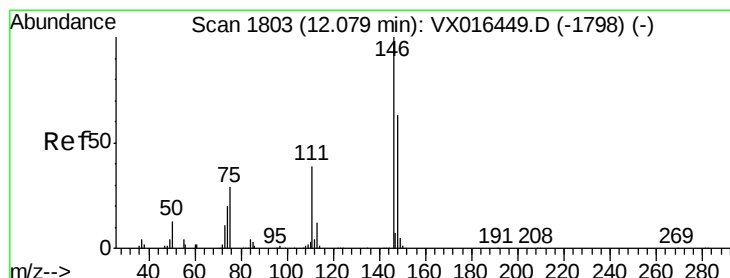
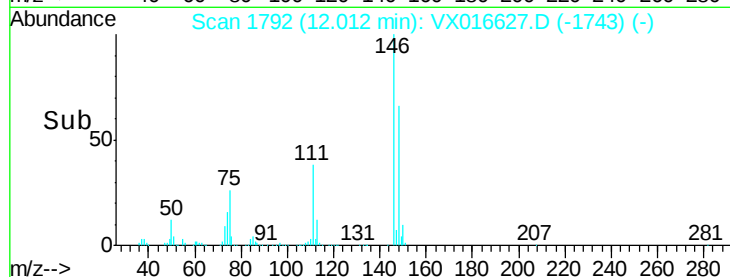
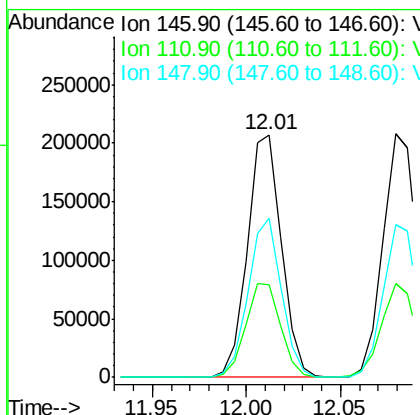
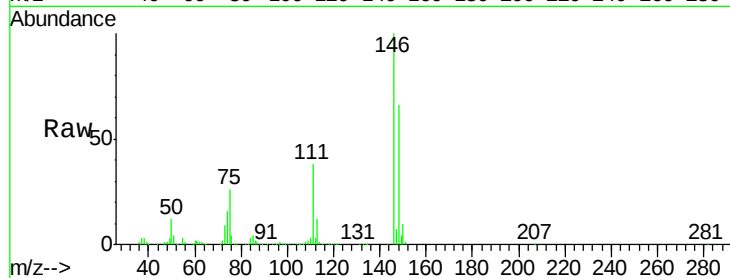
#87
 1,3-Dichlorobenzene
 Concen: 50.759 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.0	31.9	95.5

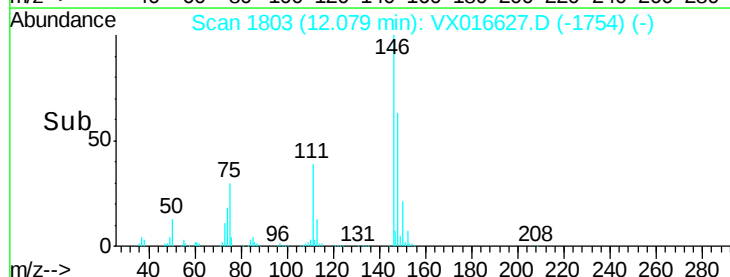
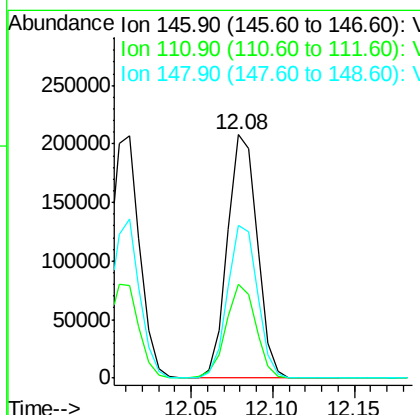
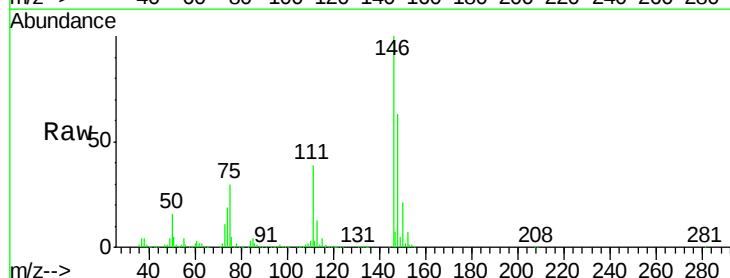
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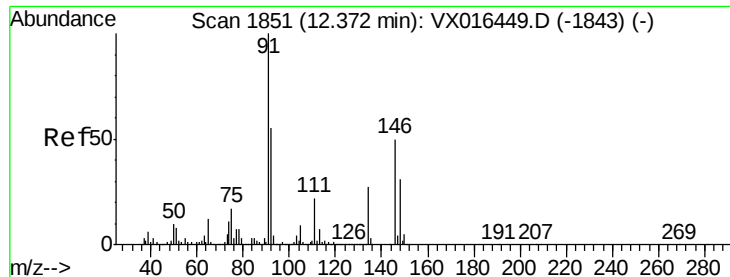
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#88
 1,4-Dichlorobenzene
 Concen: 50.436 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.4	31.4	94.3





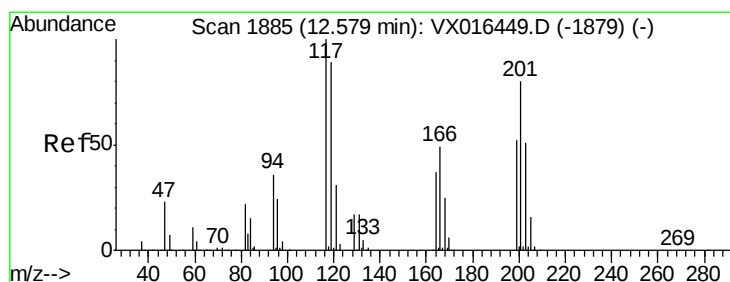
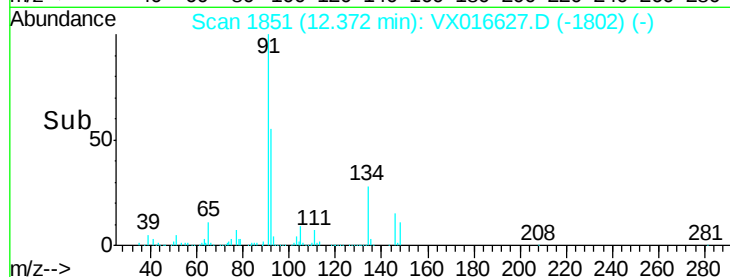
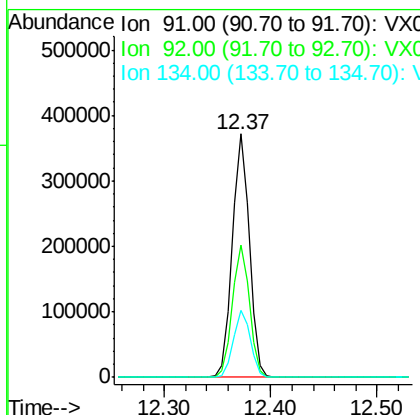
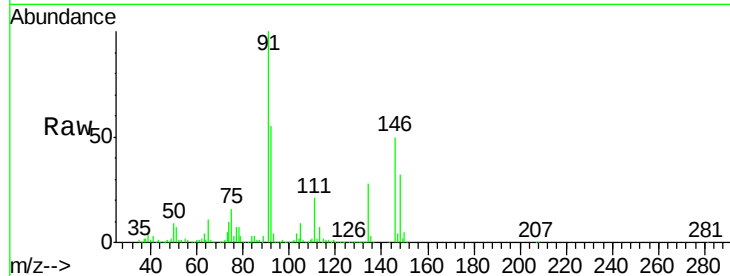
#89
n-Butylbenzene
Concen: 53.397 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	27.7	13.1	39.3

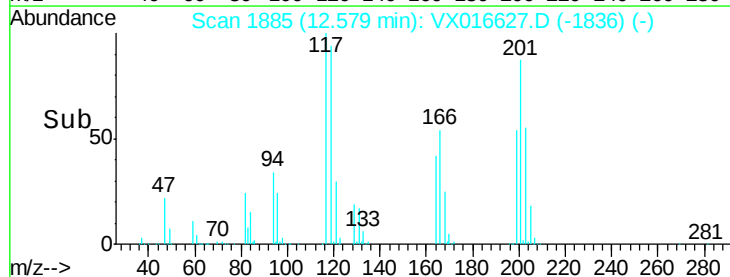
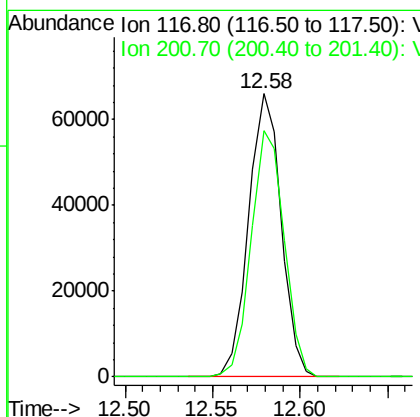
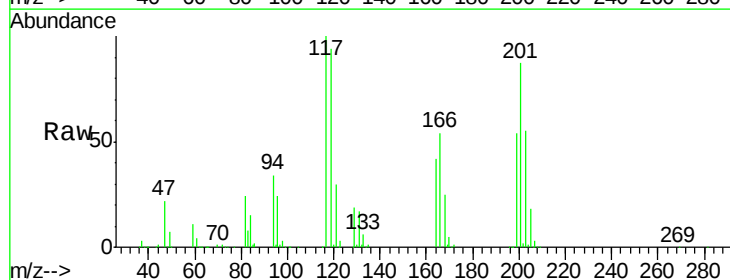
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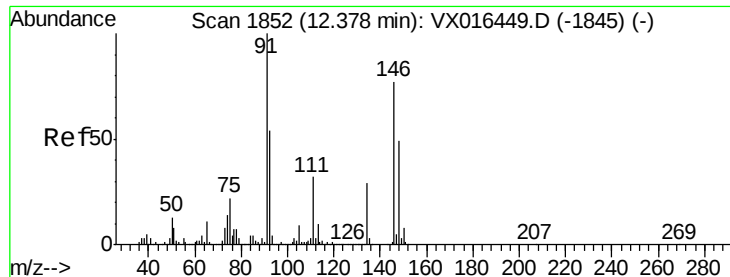
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#90
Hexachloroethane
Concen: 52.491 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	43.1	129.3





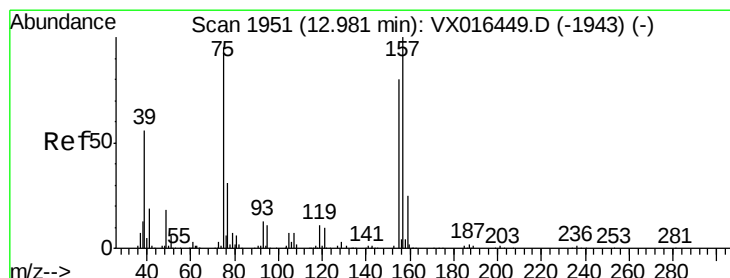
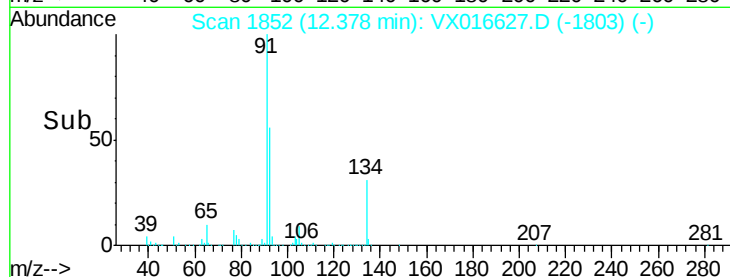
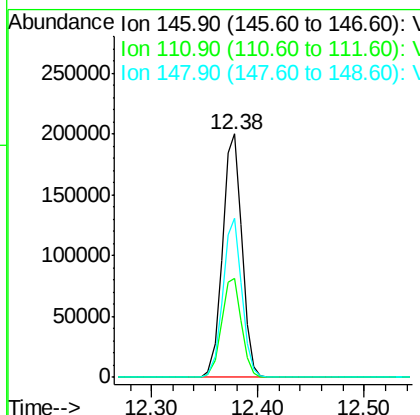
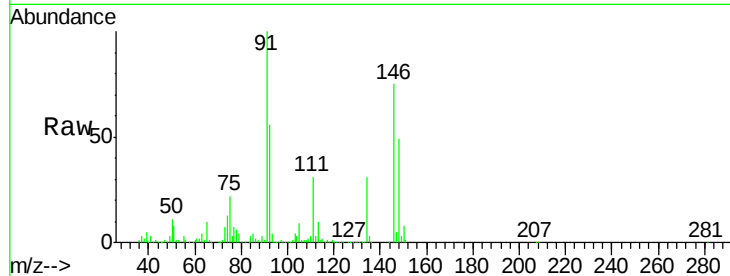
#91
 1,2-Dichlorobenzene
 Concen: 51.281 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.3
148	63.6	31.9	95.7

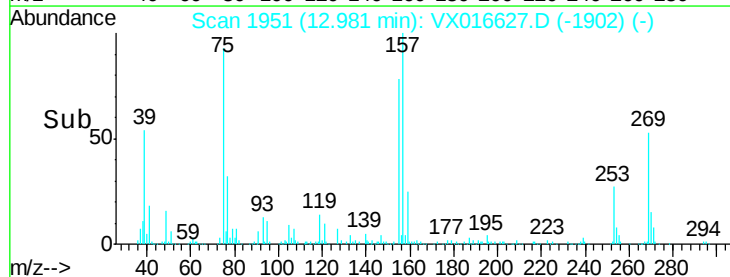
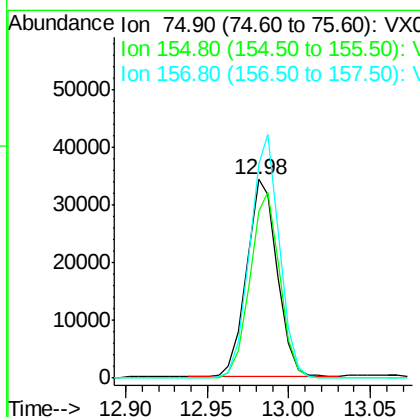
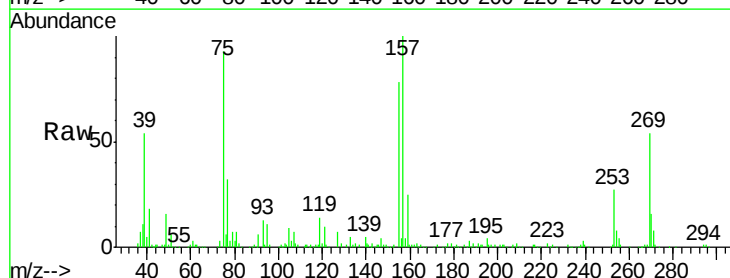
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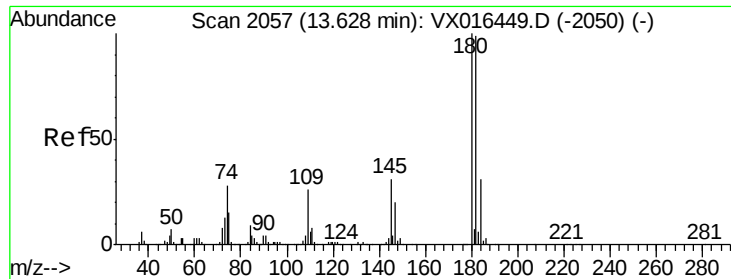
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.767 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016627.D
 Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	44.1	132.4
157	118.9	57.8	173.3





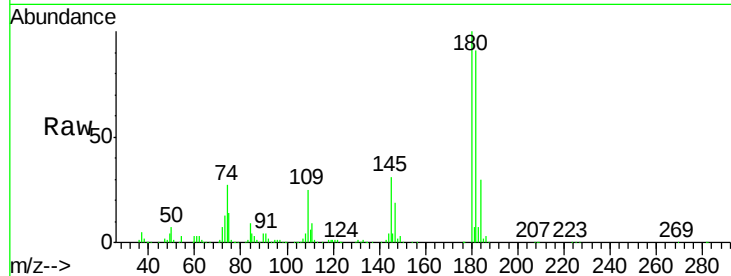
#93
1,2,4-Trichlorobenzene
Concen: 56.628 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

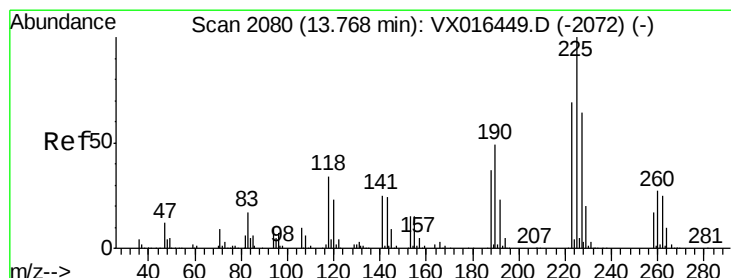
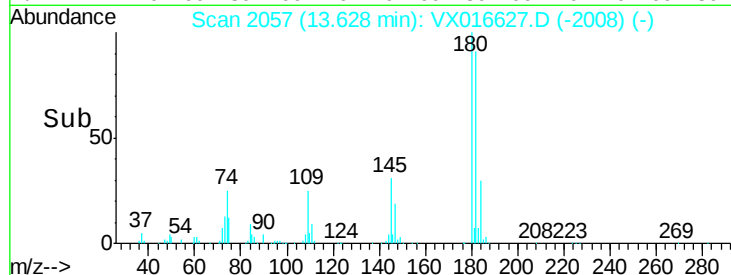
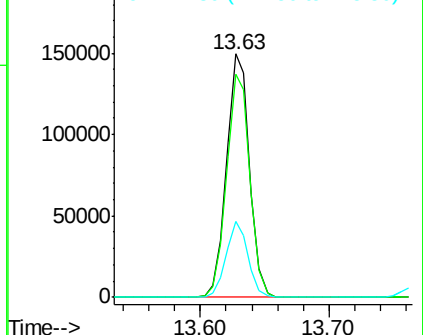
Tot Ion	Ratio	Resp	Lower	Upper
180	100	186353		
182	93.2	48.3	144.8	
145	30.0	15.4	46.2	

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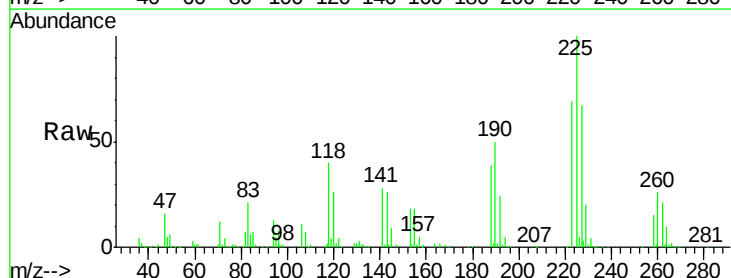


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

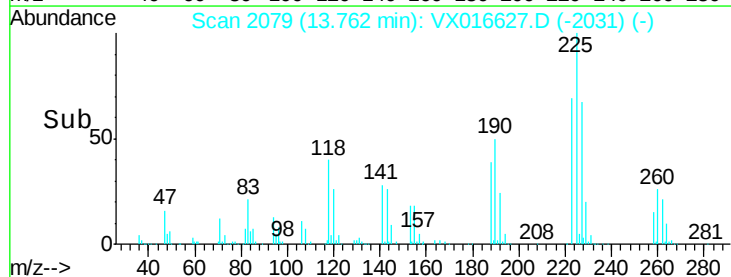
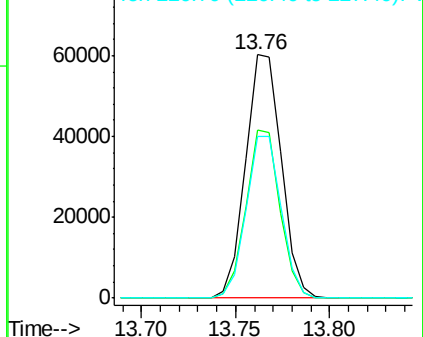


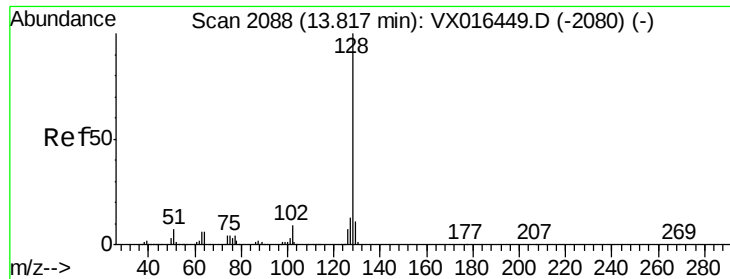
#94
Hexachlorobutadiene
Concen: 61.532 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79503		
223	65.5	32.3	96.8	
227	64.9	31.6	94.7	



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





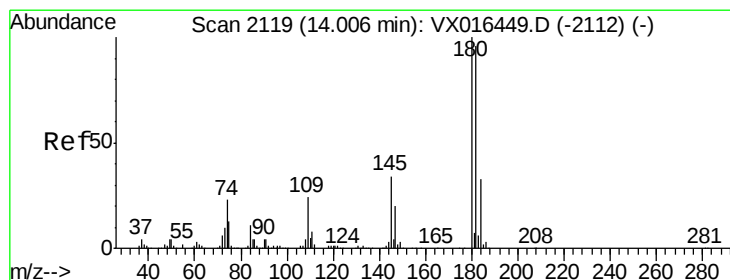
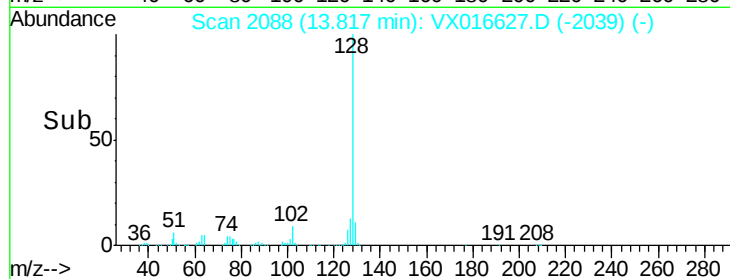
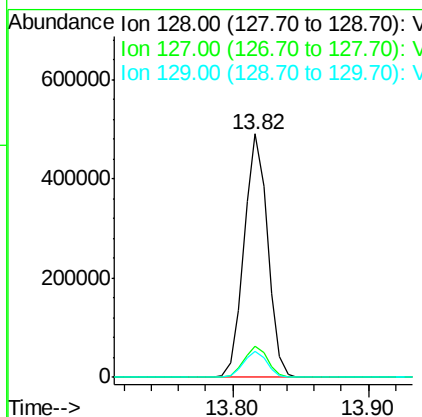
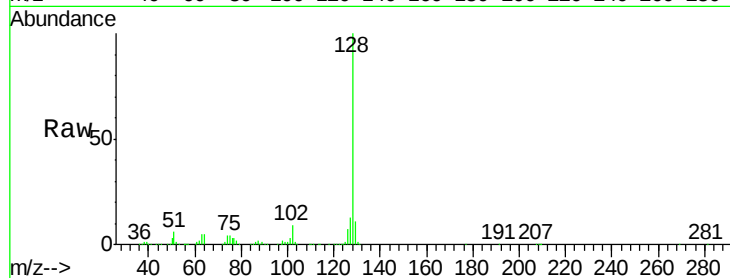
#95
Naphthalene
Concen: 52.521 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.096 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016627.D
Acq: 08 Jun 2020 10:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.6	145.8
145	32.0	16.6	49.8

