

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016294.D
 Acq On : 15 May 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:58 PM

Quant Time: May 16 08:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	184010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153748	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.47	113	124873	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.70	98	488386	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	186782	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130418	50.484	ug/l	99
3) Chloromethane	1.31	50	129898	43.297	ug/l	98
4) Vinyl Chloride	1.39	62	155073	48.448	ug/l	100
5) Bromomethane	1.62	94	44697	27.699	ug/l	98
6) Chloroethane	1.70	64	95231	48.898	ug/l	99
7) Trichlorofluoromethane	1.91	101	206308	49.095	ug/l	98
8) Diethyl Ether	2.17	74	87750	49.560	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114034	47.036	ug/l	99
10) Methyl Iodide	2.49	142	70286	21.583	ug/l	99
11) Tert butyl alcohol	3.02	59	206488	254.252	ug/l	99
12) 1,1-Dichloroethene	2.35	96	120679	47.566	ug/l	98
13) Acrolein	2.28	56	156617	308.174	ug/l	100
14) Allyl chloride	2.71	41	218200	46.906	ug/l	94
15) Acrylonitrile	3.12	53	438967	260.548	ug/l	99
16) Acetone	2.42	43	346684	241.929	ug/l	94
17) Carbon Disulfide	2.55	76	342060	44.875	ug/l	99
18) Methyl Acetate	2.75	43	190062	53.943	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	462499	52.881	ug/l	99
20) Methylene Chloride	2.84	84	143540	48.590	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	136303	48.211	ug/l	96
22) Diisopropyl ether	3.83	45	440286	50.169	ug/l	89
23) Vinyl Acetate	3.79	43	1945784	252.013	ug/l	98
24) 1,1-Dichloroethane	3.67	63	251545	51.239	ug/l	99
25) 2-Butanone	4.64	43	601315	260.406	ug/l	96
26) 2,2-Dichloropropane	4.55	77	181396	40.460	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	160733	52.003	ug/l	95
28) Bromochloromethane	4.98	49	111685	49.892	ug/l	95
29) Tetrahydrofuran	5.09	42	392220	256.346	ug/l	97
30) Chloroform	5.18	83	255286	52.227	ug/l	100
31) Cyclohexane	5.55	56	202090	45.295	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	227698	51.248	ug/l	98
36) 1,1-Dichloropropene	5.77	75	189634	47.204	ug/l	99
37) Ethyl Acetate	4.80	43	226478	48.640	ug/l	98
38) Carbon Tetrachloride	5.76	117	199285	48.804	ug/l	94

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	167582	34.639	ug/l	99
40) Benzene	6.12	78	581174	49.443	ug/l	99
41) Methacrylonitrile	5.01	41	123460	49.098	ug/l	97
42) 1,2-Dichloroethane	6.17	62	201264	47.531	ug/l	99
43) Isopropyl Acetate	6.42	43	360736	48.557	ug/l	98
44) Trichloroethene	7.19	130	167988	40.227	ug/l	99
45) 1,2-Dichloropropane	7.49	63	151185	50.831	ug/l	98
46) Dibromomethane	7.64	93	100329	49.637	ug/l	99
47) Bromodichloromethane	7.88	83	209236	50.828	ug/l	97
48) Methyl methacrylate	7.75	41	171080	48.598	ug/l	94
49) 1,4-Dioxane	7.71	88	80426	952.598	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1157272	254.558	ug/l	97
52) Toluene	8.77	92	370127	50.517	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	239723	48.841	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	251719	49.100	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	151705	52.627	ug/l	98
56) Ethyl methacrylate	9.16	69	251866	53.528	ug/l	93
57) 1,3-Dichloropropane	9.35	76	260587	51.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	622698	248.581	ug/l	99
59) 2-Hexanone	9.48	43	907420	254.162	ug/l	96
60) Dibromochloromethane	9.57	129	169329	53.335	ug/l	98
61) 1,2-Dibromoethane	9.65	107	160642	51.448	ug/l	99
64) Tetrachloroethene	9.32	164	169725	36.286	ug/l	96
65) Chlorobenzene	10.12	112	392362	49.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	153818	52.163	ug/l	99
67) Ethyl Benzene	10.24	91	682815	47.968	ug/l	99
68) m/p-Xylenes	10.34	106	518061	97.137	ug/l	99
69) o-Xylene	10.68	106	252311	49.216	ug/l	99
70) Styrene	10.69	104	448771	51.599	ug/l	99
71) Bromoform	10.84	173	130650	54.382	ug/l #	99
73) Isopropylbenzene	11.01	105	631209	47.162	ug/l	100
74) N-amyl acetate	10.88	43	317126	50.799	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	208533	74.773	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	215177m	51.532	ug/l	
77) Bromobenzene	11.24	156	172238	49.858	ug/l	99
78) n-propylbenzene	11.35	91	707938	45.468	ug/l	100
79) 2-Chlorotoluene	11.41	91	447805	48.724	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	522833	46.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85431	48.757	ug/l	97
82) 4-Chlorotoluene	11.49	91	524957	48.370	ug/l	99
83) tert-Butylbenzene	11.76	119	454771	46.698	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	527047	46.133	ug/l	100
85) sec-Butylbenzene	11.93	105	519820	39.533	ug/l	99
86) p-Isopropyltoluene	12.05	119	477307	39.098	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	286609	46.206	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	295691	46.967	ug/l	98
89) n-Butylbenzene	12.37	91	391951	35.144	ug/l	100
90) Hexachloroethane	12.58	117	86208	41.117	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	287924	48.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57890	52.603	ug/l	98

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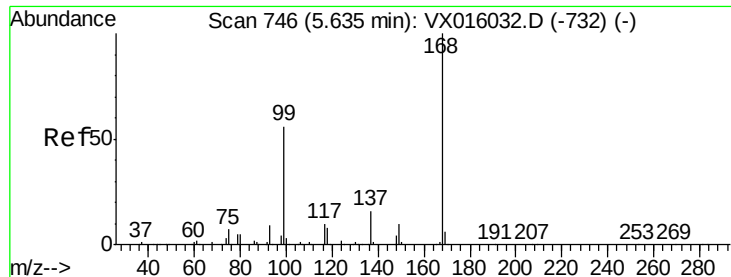
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QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	175780	39.752	ug/l	98
94) Hexachlorobutadiene	13.77	225	51469	27.271	ug/l	97
95) Naphthalene	13.82	128	675505	47.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	170662	39.490	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 244064

Ion Ratio Lower Upper

168 100

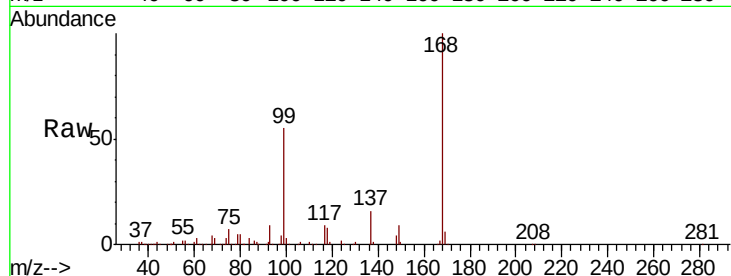
99 54.7 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

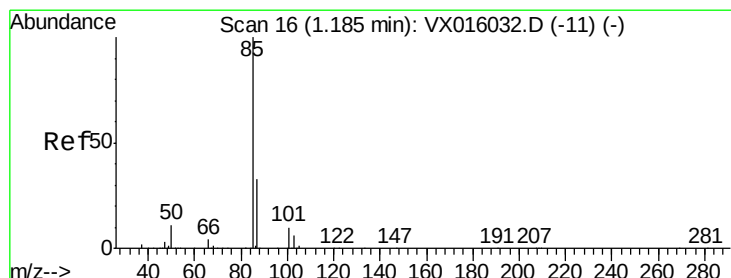
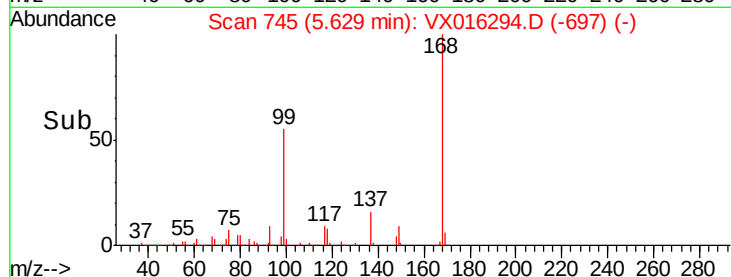
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.484 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016294.D

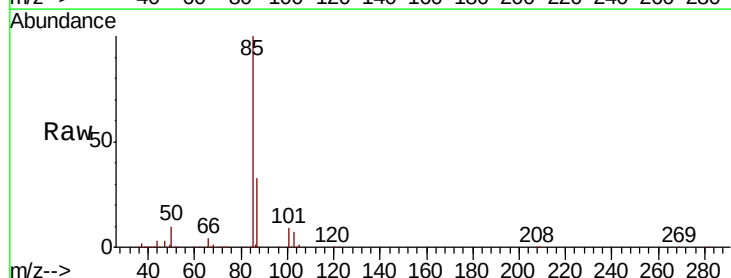
Acq: 15 May 2020 20:21

Tgt Ion: 85 Resp: 130418

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

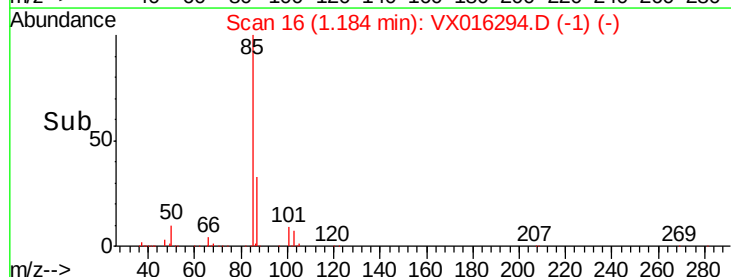
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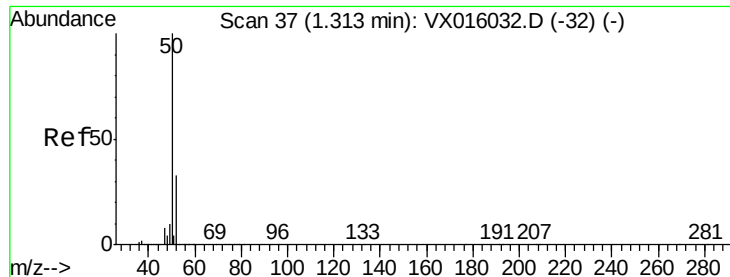
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.297 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 129898

Ion Ratio Lower Upper

50 100

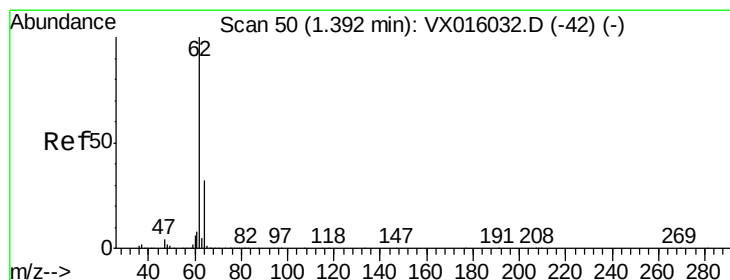
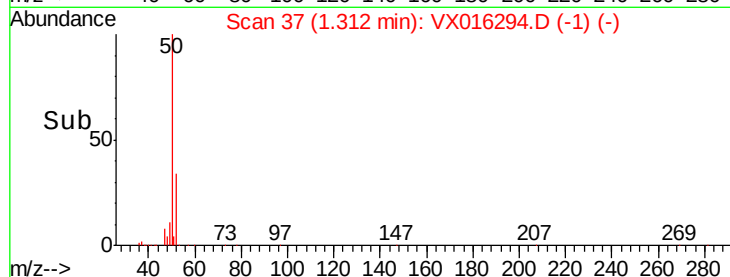
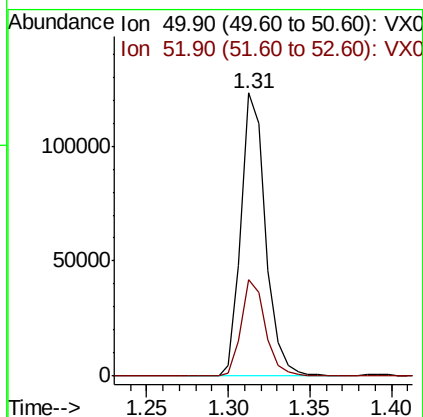
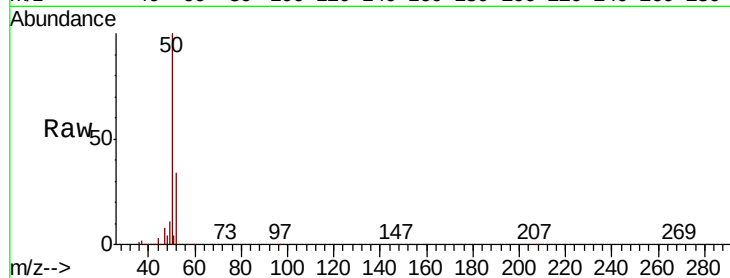
52 34.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.448 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016294.D

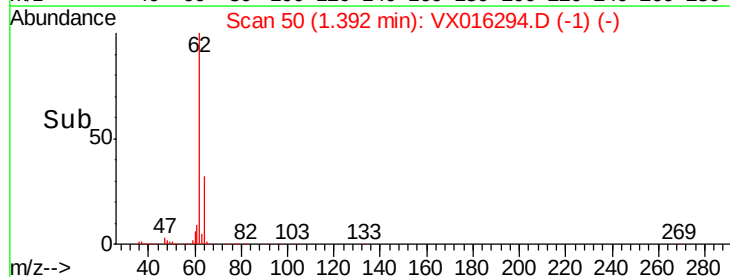
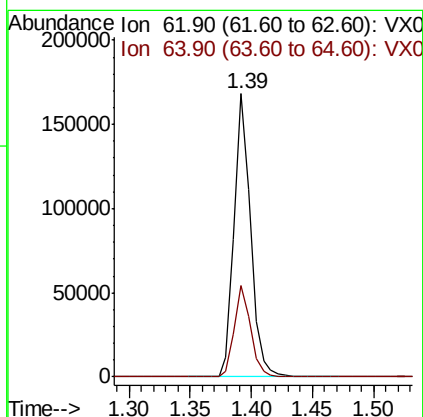
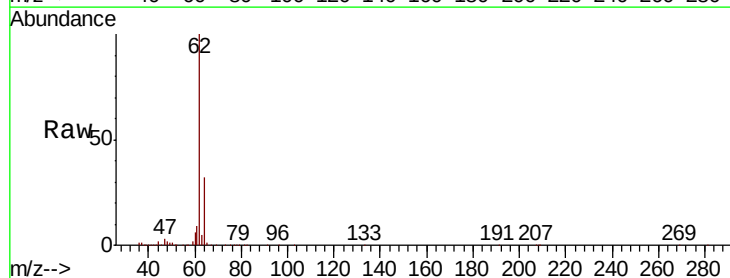
Acq: 15 May 2020 20:21

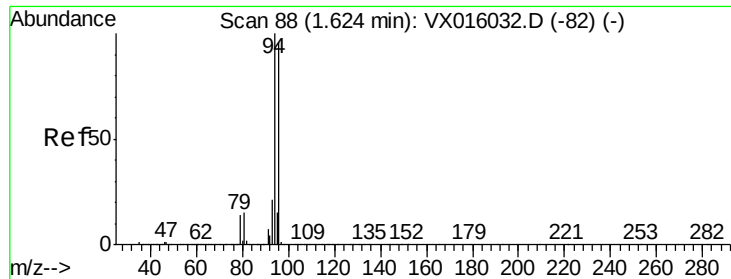
Tgt Ion: 62 Resp: 155073

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 27.699 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 44697

Ion Ratio Lower Upper

94 100

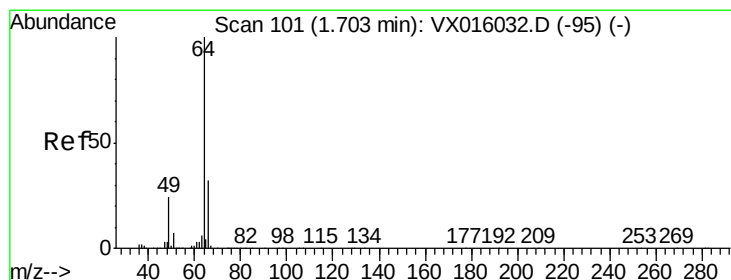
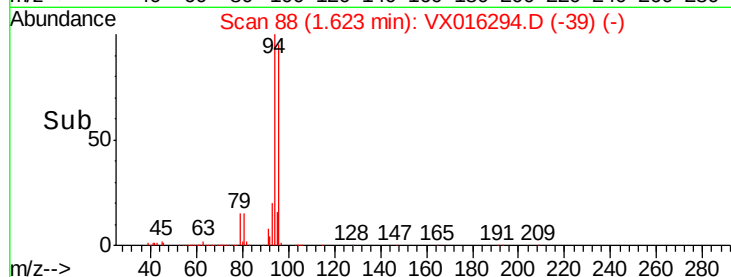
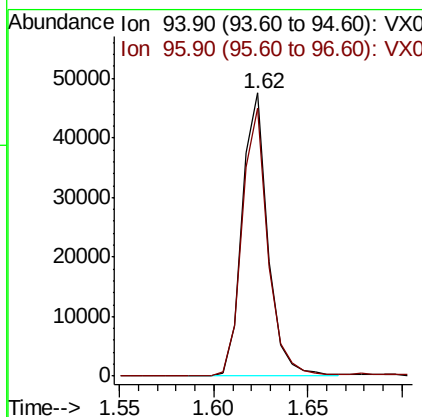
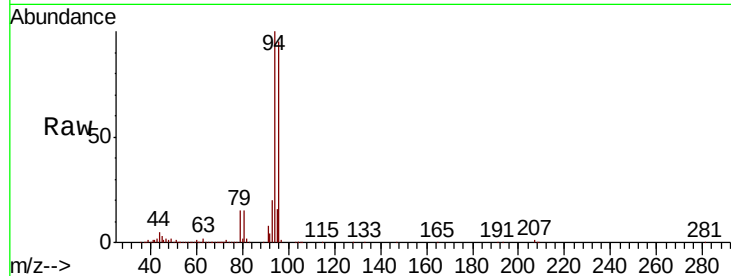
96 94.6 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 48.898 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016294.D

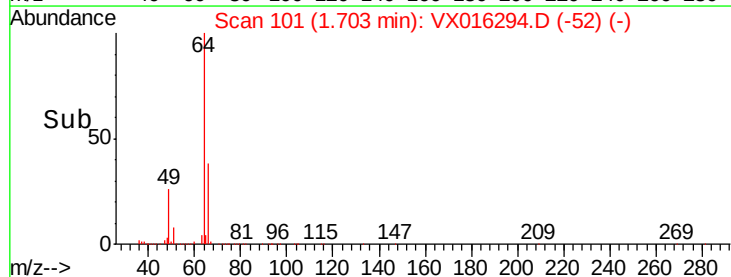
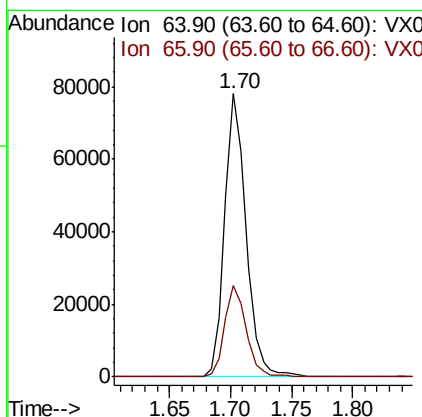
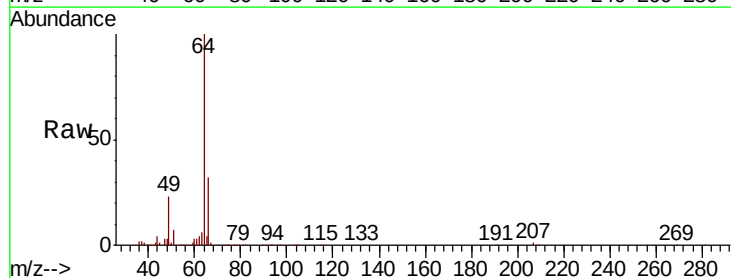
Acq: 15 May 2020 20:21

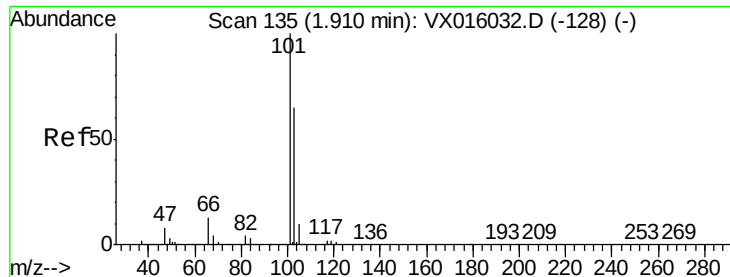
Tgt Ion: 64 Resp: 95231

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

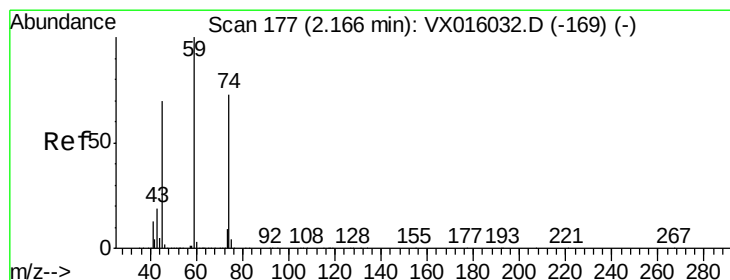
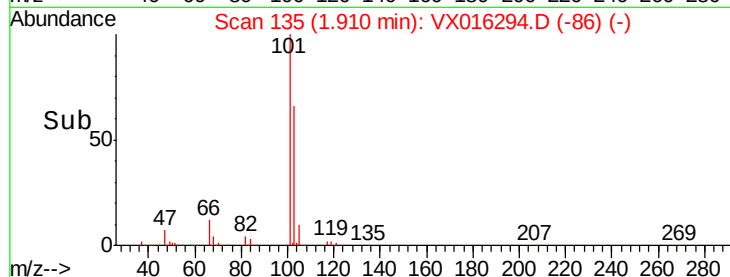
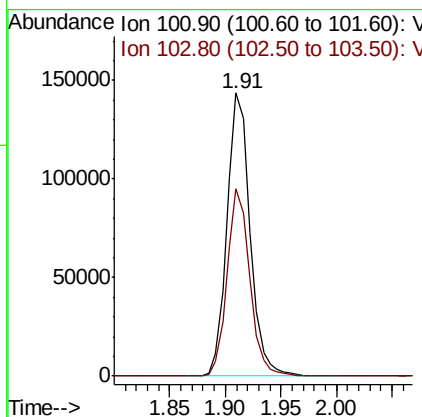
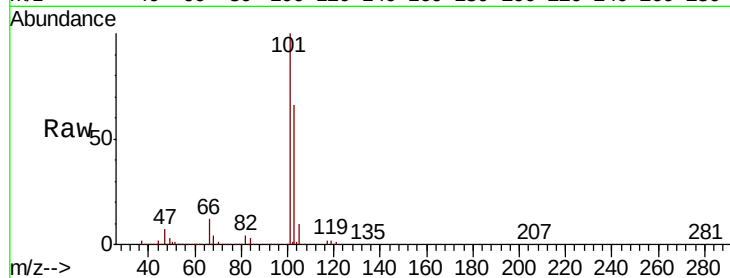
Trichlorofluoromethane
Concen: 49.095 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.8	77.6

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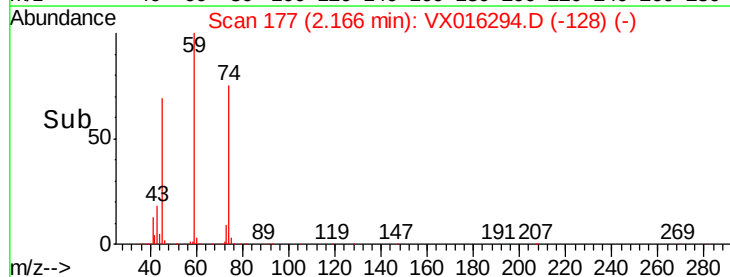
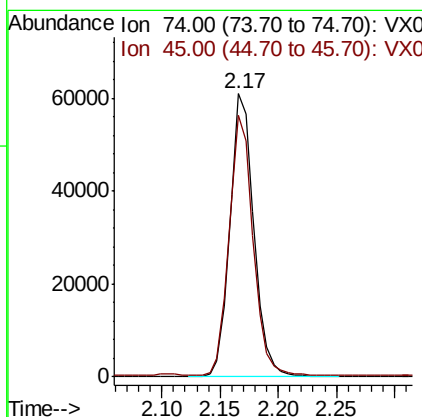
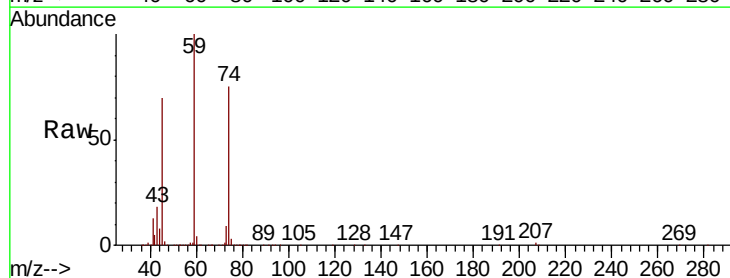
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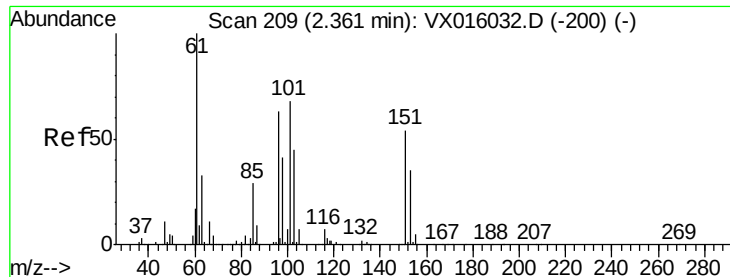


#8

Diethyl Ether
Concen: 49.560 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.036 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

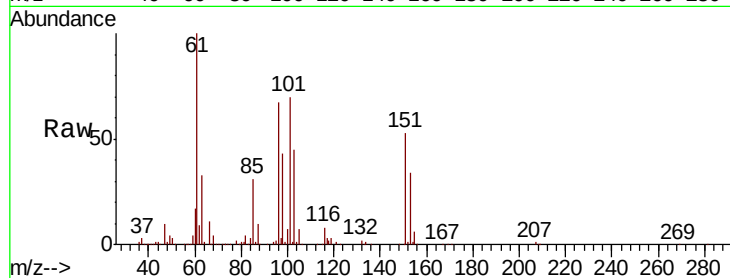
ClientSampleId :

VSTDCCC050EC

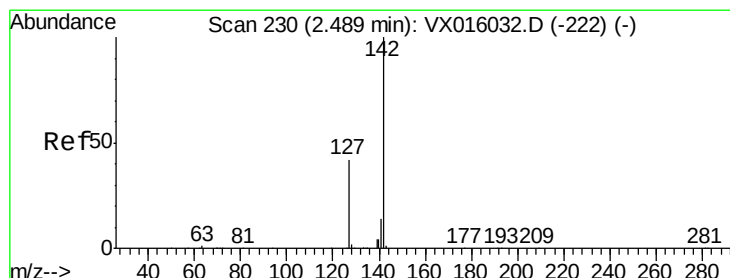
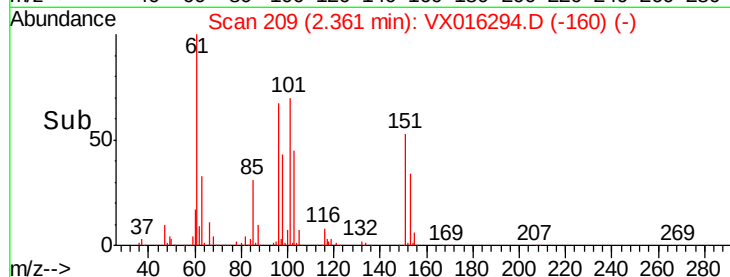
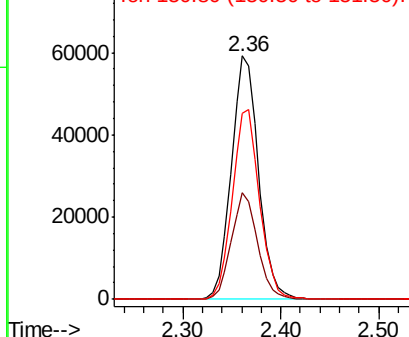
Tot Ion:	101	Resp:	114034
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.2	51.4
151	78.1	62.1	93.1

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.583 ug/l

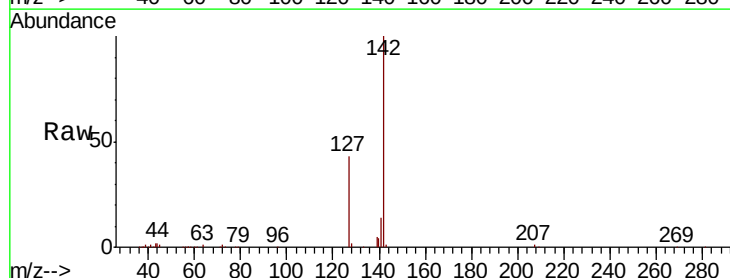
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

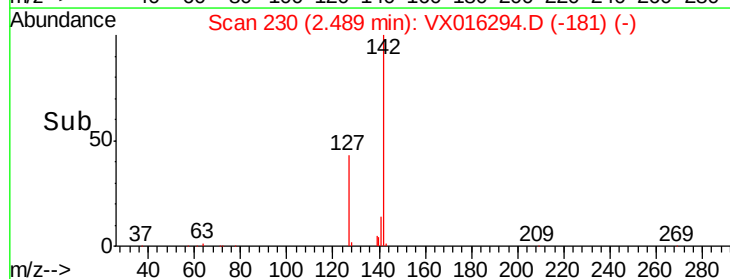
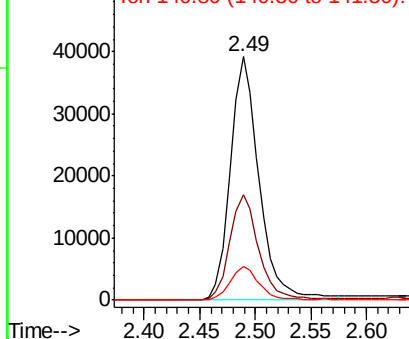
Lab File: VX016294.D

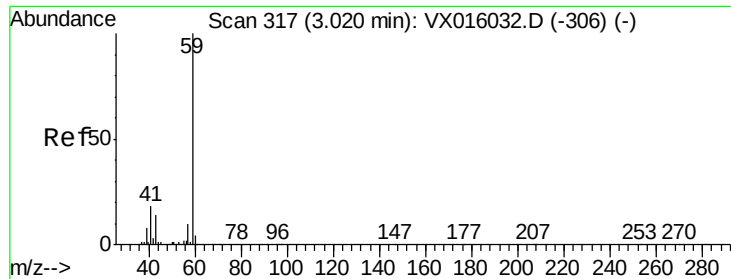
Acq: 15 May 2020 20:21

Tgt Ion:	142	Resp:	70286
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.6	52.0
141	13.9	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





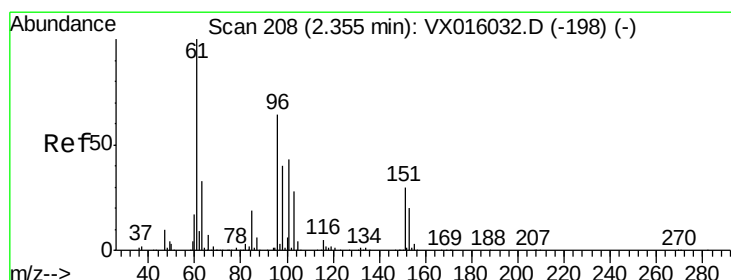
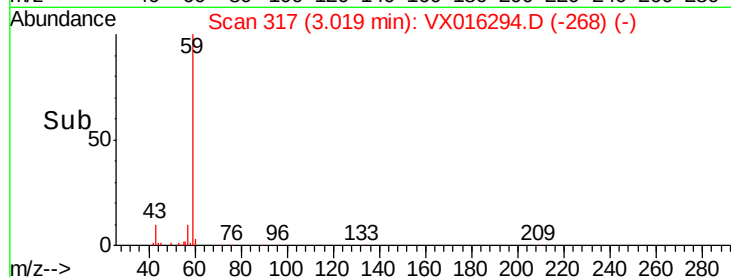
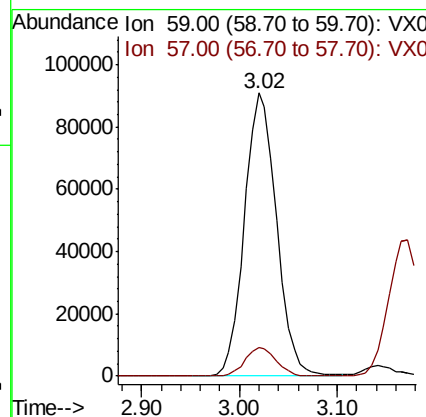
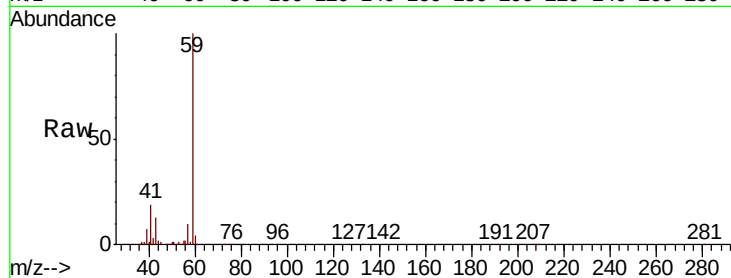
#11
Tert butyl alcohol
Concen: 254.252 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

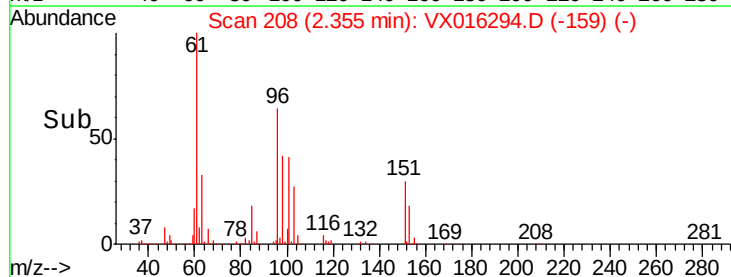
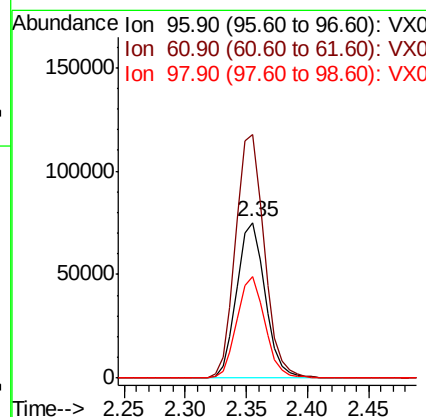
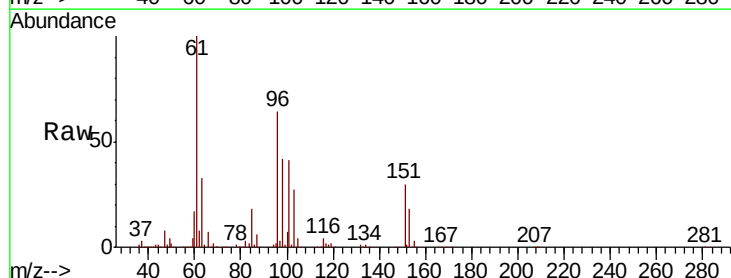
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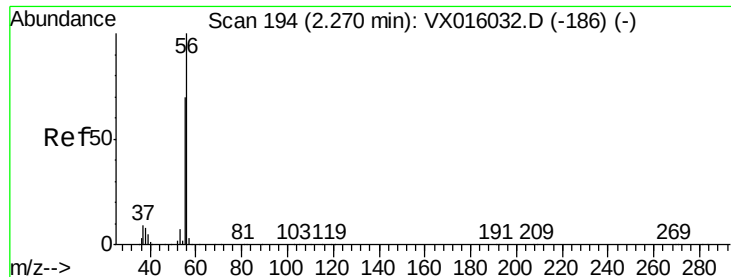
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.566 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	124.8	187.2
98	65.1	49.7	74.5





#13

Acrolein

Concen: 308.174 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 156617

Ion Ratio Lower Upper

56 100

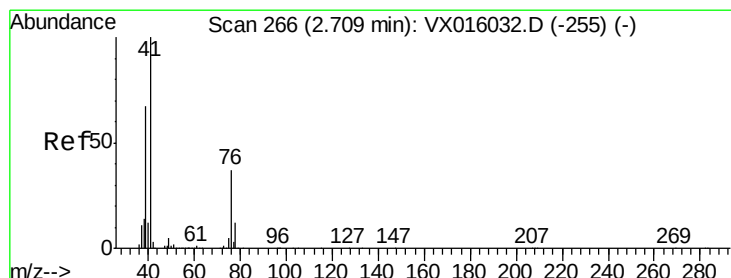
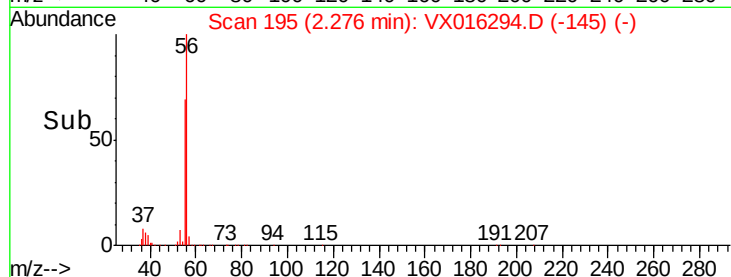
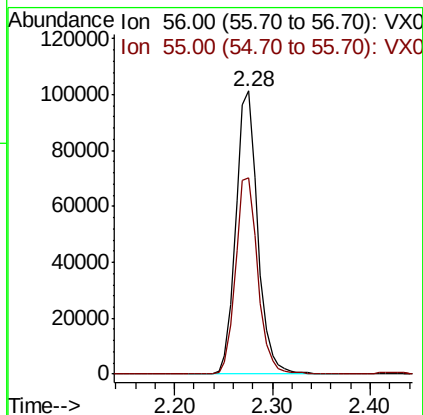
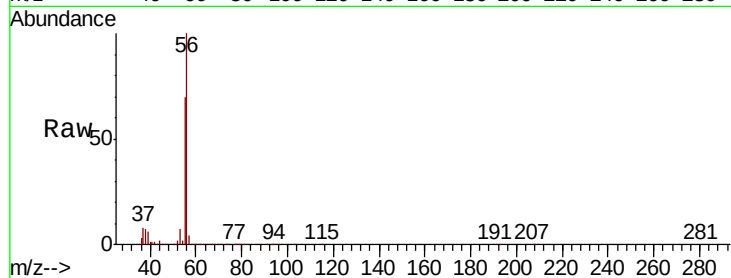
55 70.7 56.5 84.7

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#14

Allyl chloride

Concen: 46.906 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

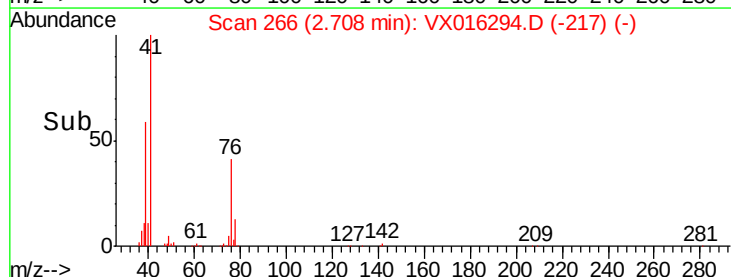
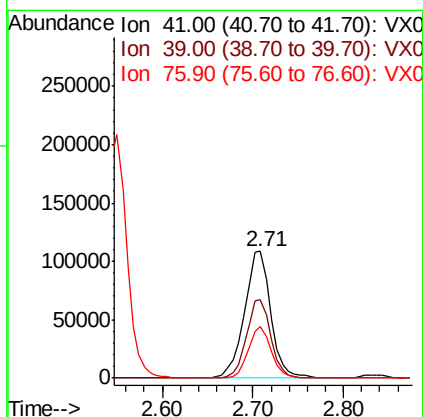
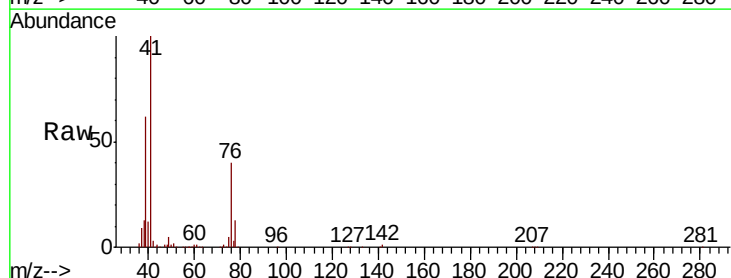
Tgt Ion: 41 Resp: 218200

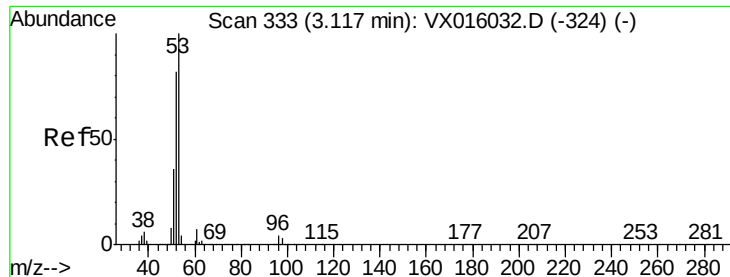
Ion Ratio Lower Upper

41 100

39 57.2 50.5 75.7

76 35.3 26.6 40.0





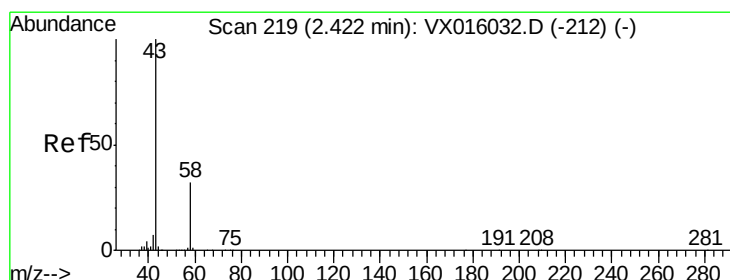
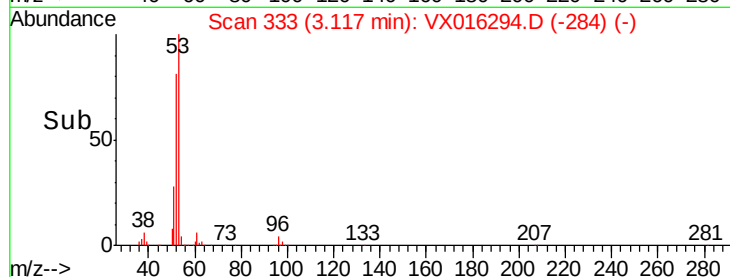
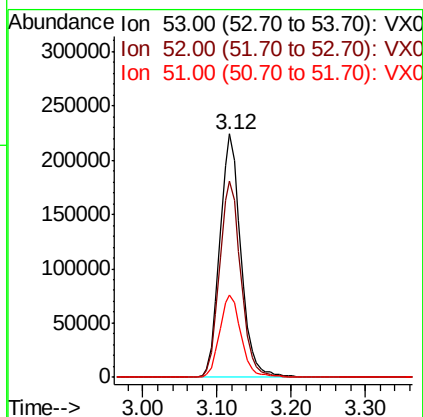
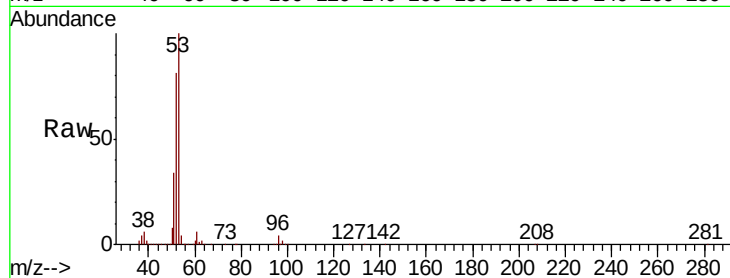
#15
 Acrylonitrile
 Concen: 260.548 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	438967
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.1	99.1
51	34.8	28.8	43.2

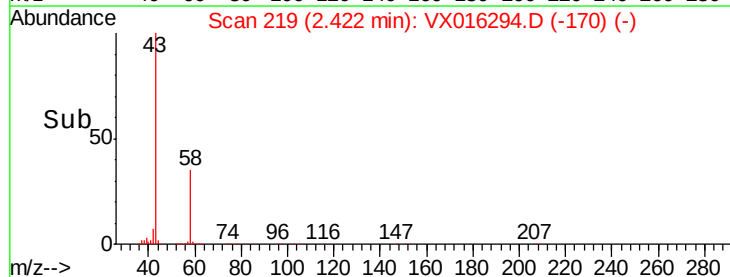
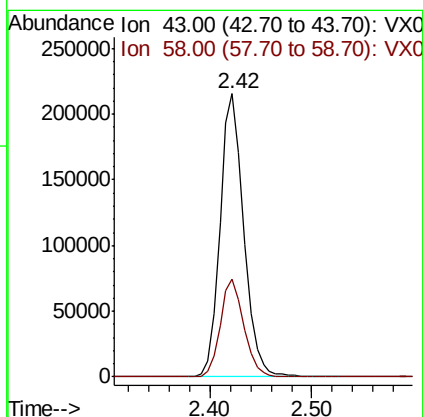
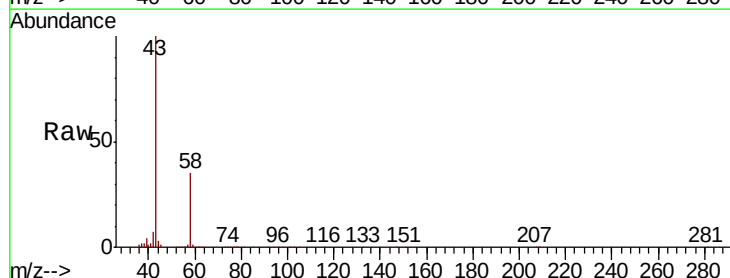
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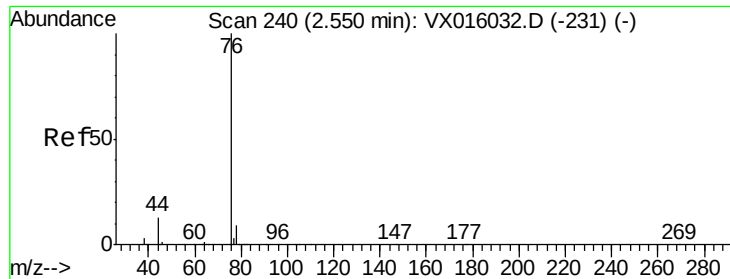
MMDadoda
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#16
 Acetone
 Concen: 241.929 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion:	43	Resp:	346684
Ion Ratio	Lower	Upper	
43	100		
58	34.8	25.4	38.0





#17

Carbon Disulfide

Concen: 44.875 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 342060

Ion Ratio Lower Upper

76 100

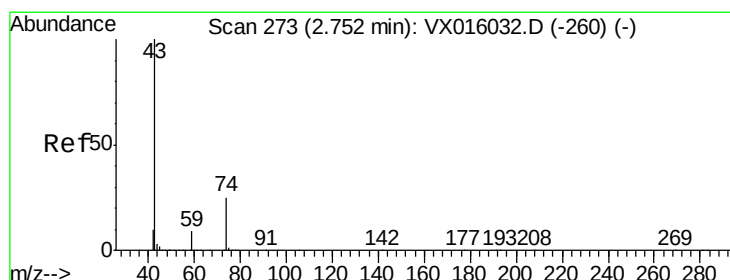
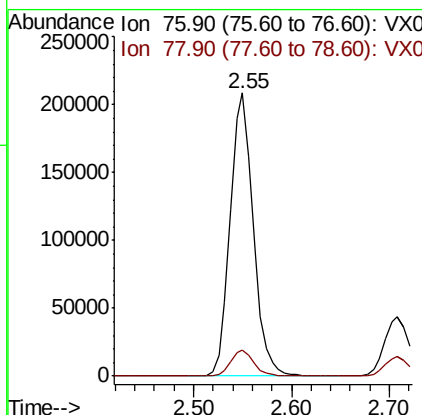
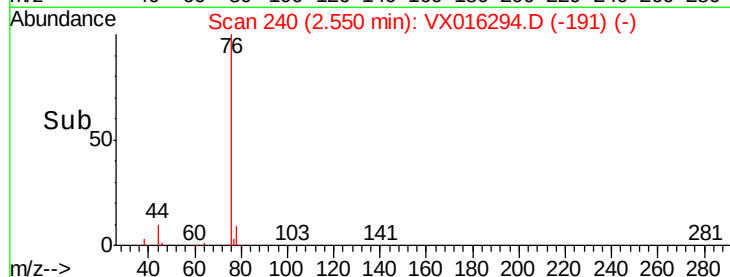
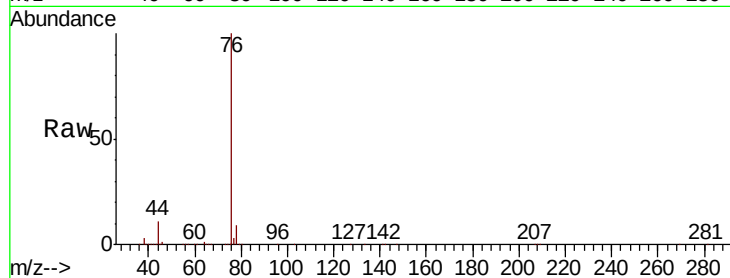
78 9.2 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 53.943 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016294.D

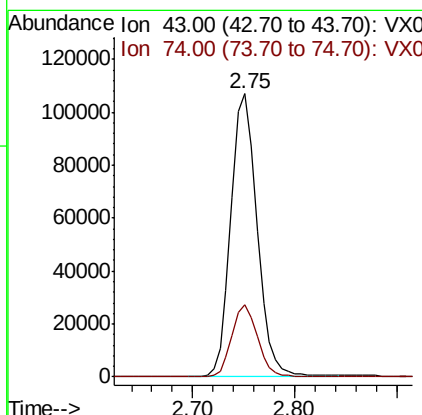
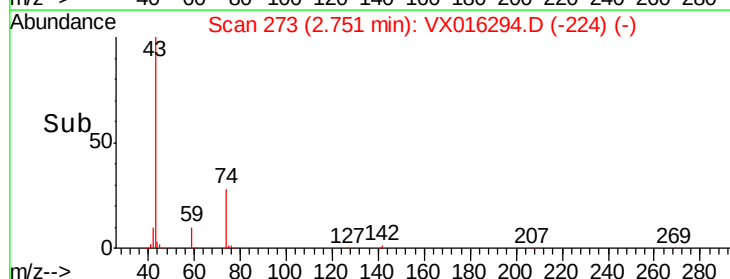
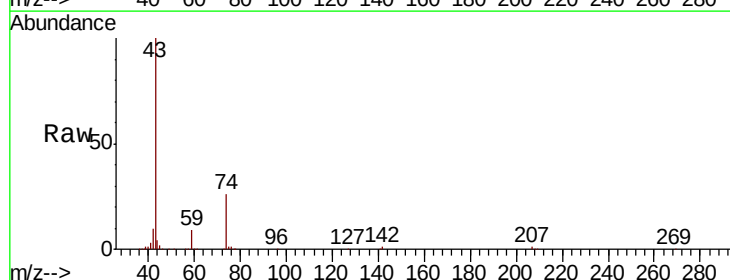
Acq: 15 May 2020 20:21

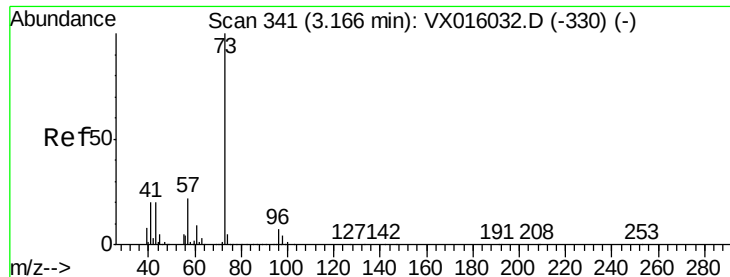
Tgt Ion: 43 Resp: 190062

Ion Ratio Lower Upper

43 100

74 25.4 20.2 30.2





#19

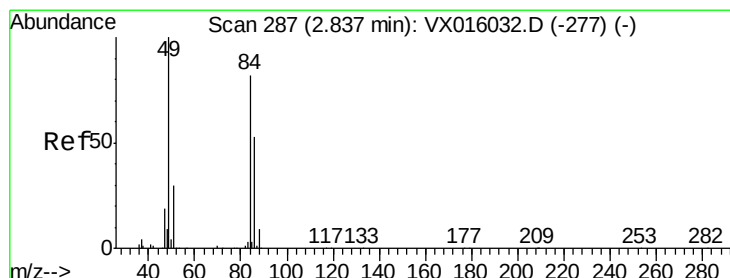
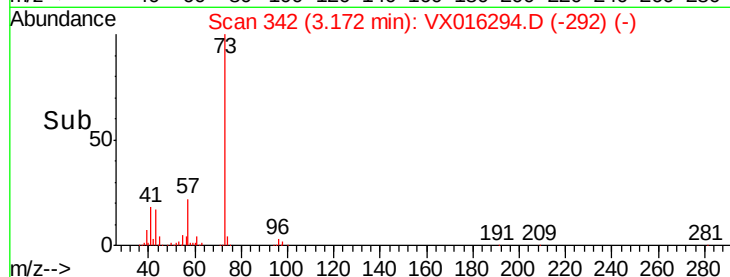
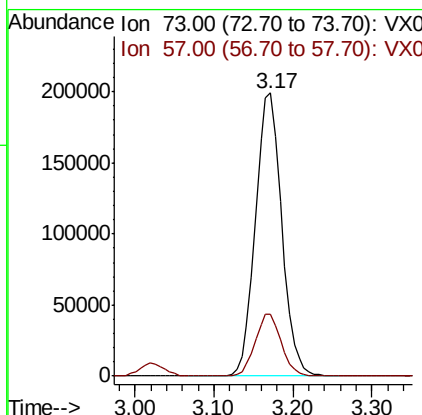
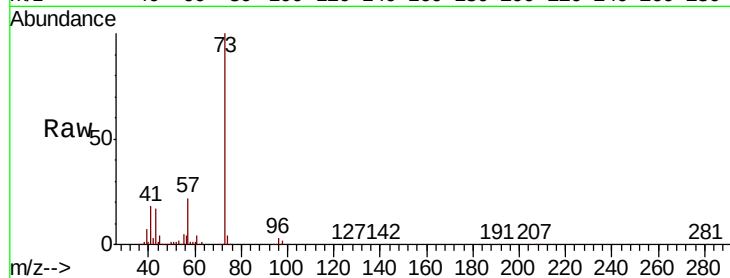
Methyl tert-butyl Ether
 Concen: 52.881 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

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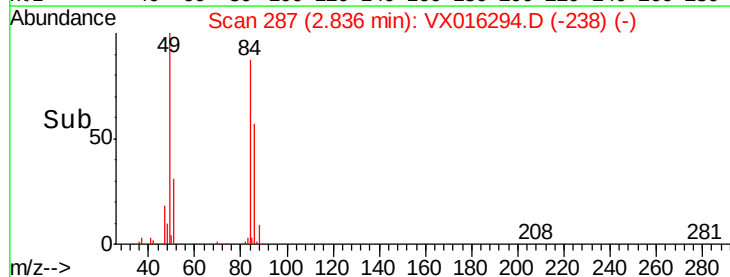
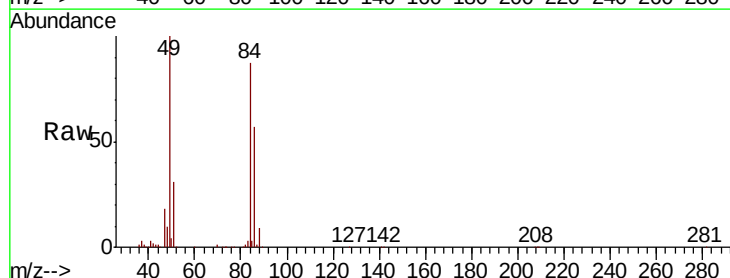
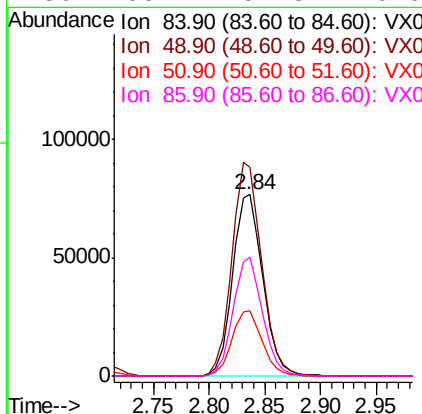
MMDadoda
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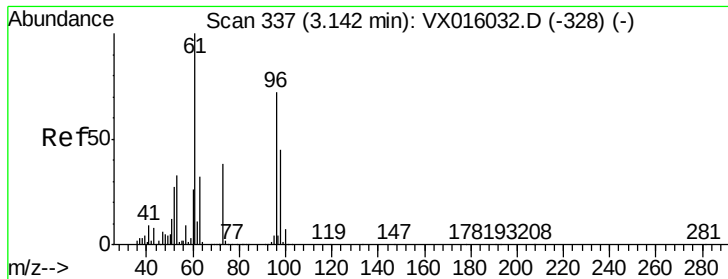


#20

Methylene Chloride
 Concen: 48.590 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.7	97.3	145.9
51	36.1	29.3	43.9
86	65.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.211 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

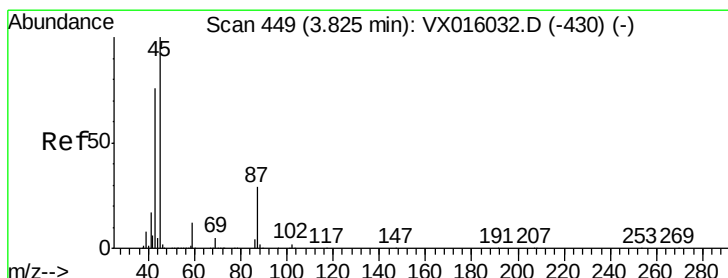
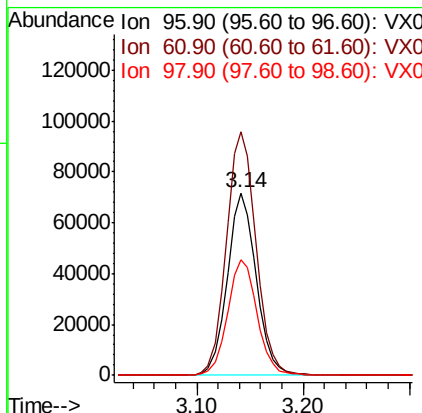
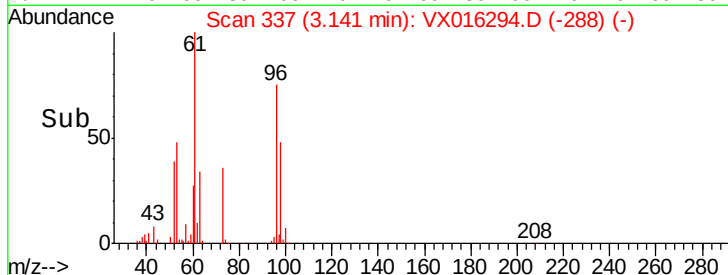
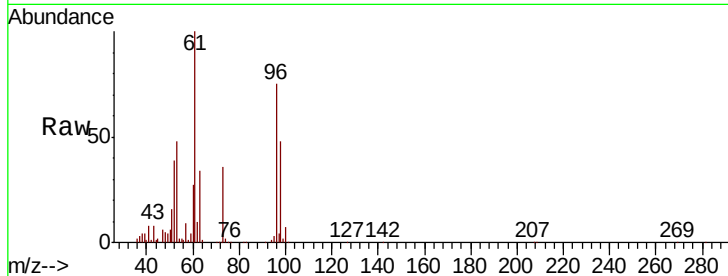
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	136303
Ion	Ratio	Lower	Upper
96	100		
61	133.1	111.2	166.8
98	63.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.169 ug/l

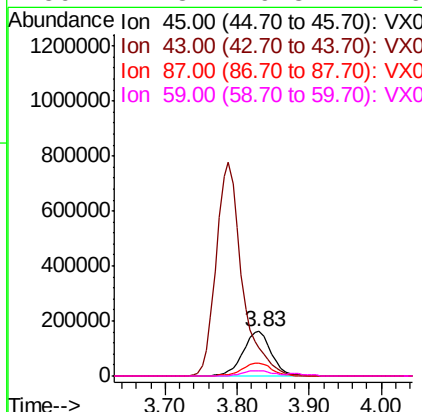
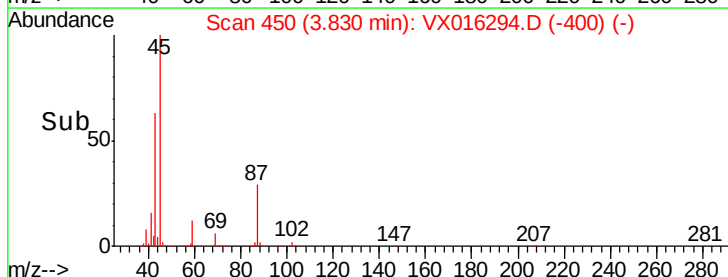
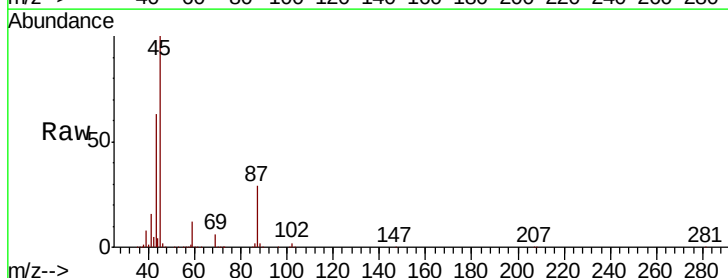
RT: 3.83 min Scan# 450

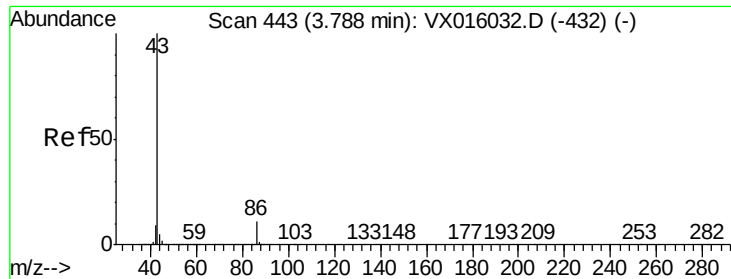
Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	45	Resp:	440286
Ion	Ratio	Lower	Upper
45	100		
43	62.4	61.1	91.7
87	29.1	23.0	34.6
59	11.8	9.8	14.6





#23

Vinyl Acetate

Concen: 252.013 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1945784

Ion Ratio Lower Upper

43 100

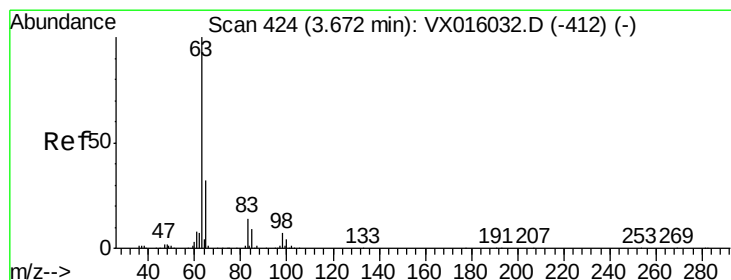
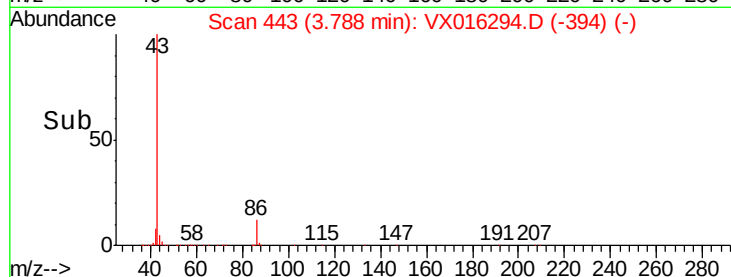
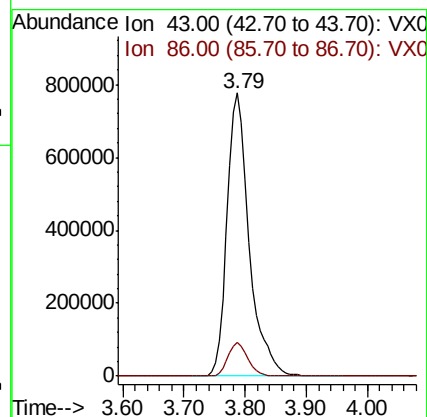
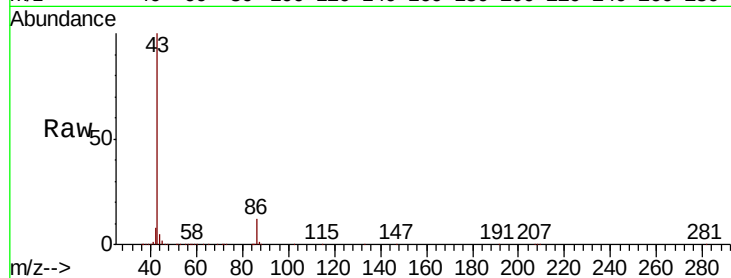
86 11.9 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.239 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

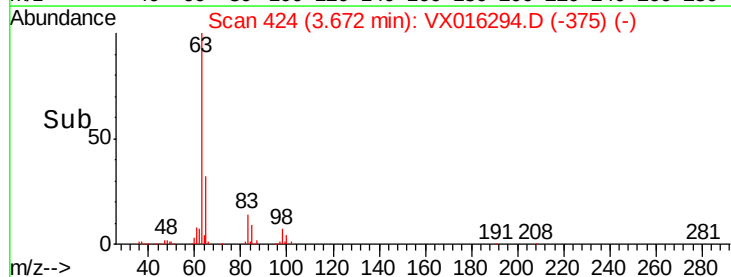
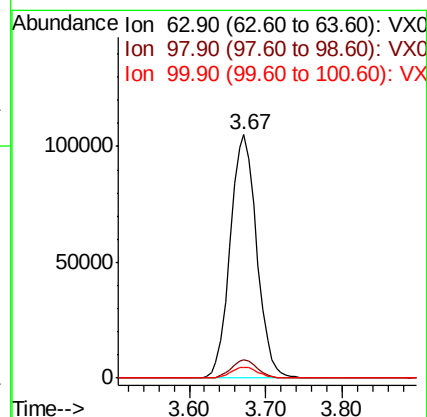
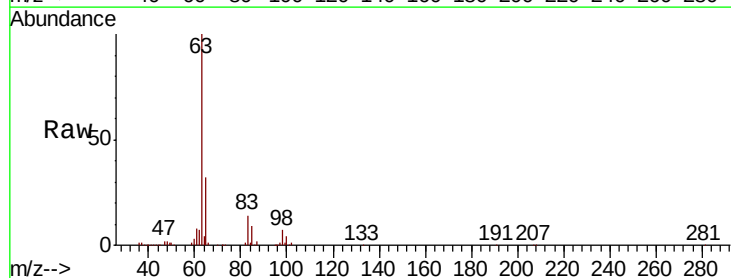
Tgt Ion: 63 Resp: 251545

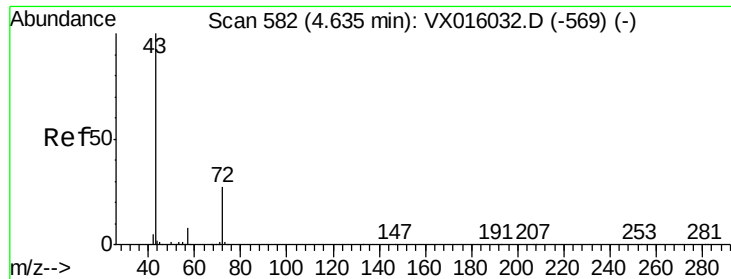
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 260.406 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 601315

Ion Ratio Lower Upper

43 100

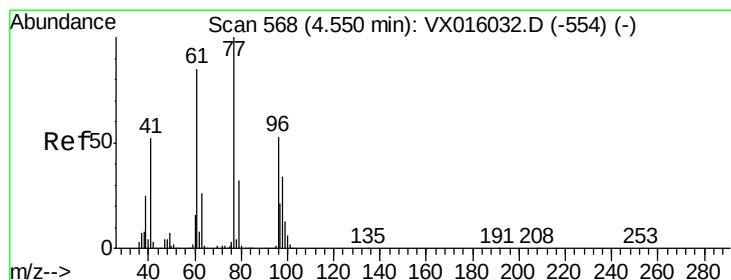
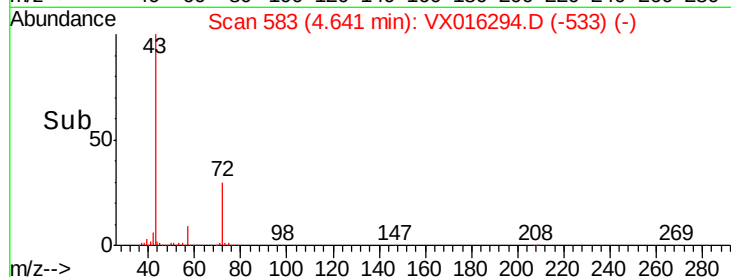
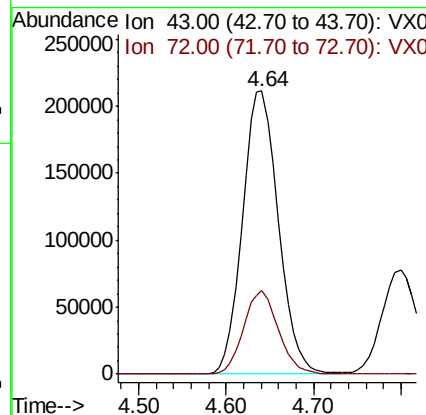
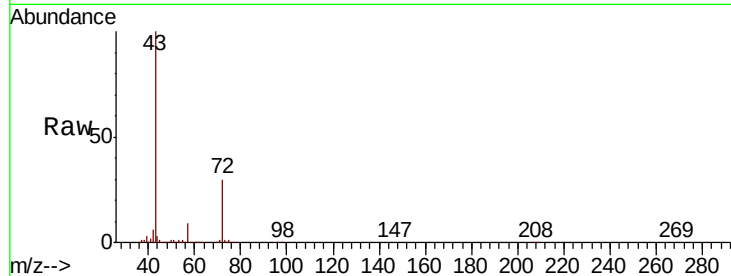
72 29.5 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.460 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016294.D

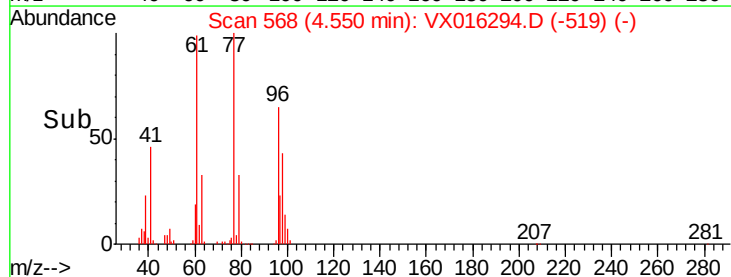
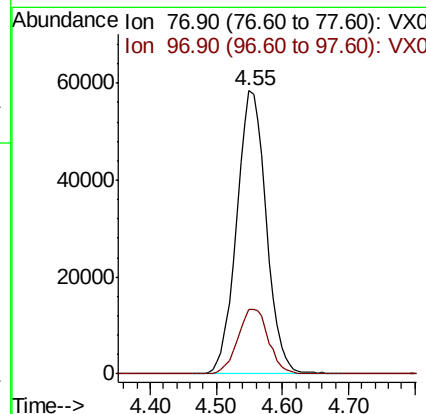
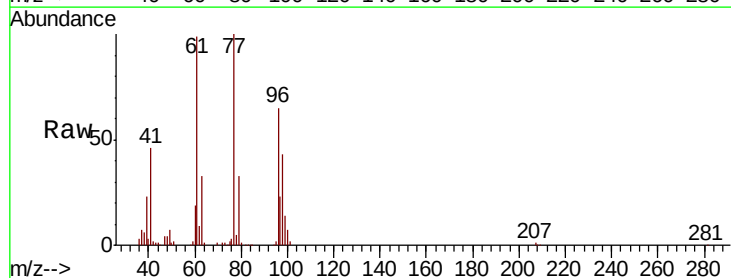
Acq: 15 May 2020 20:21

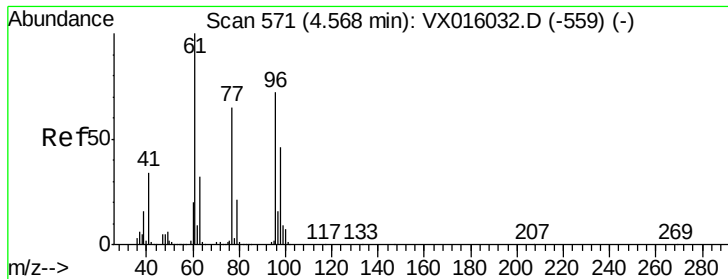
Tgt Ion: 77 Resp: 181396

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6





#27

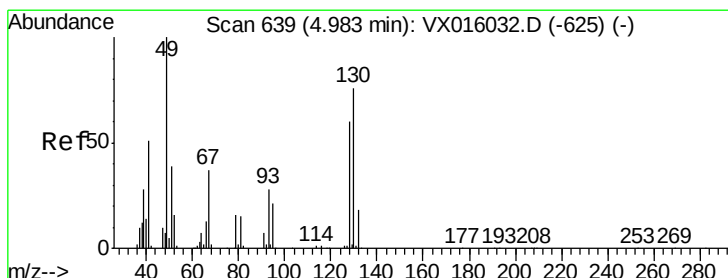
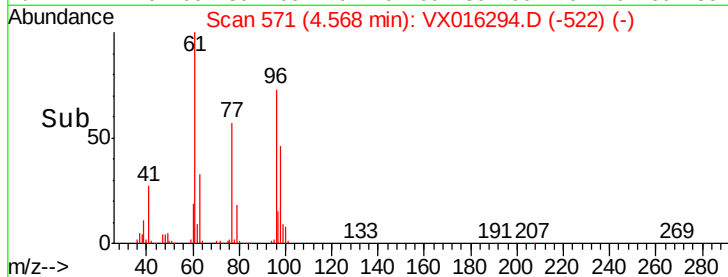
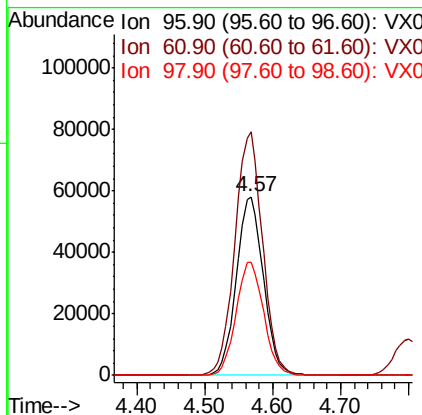
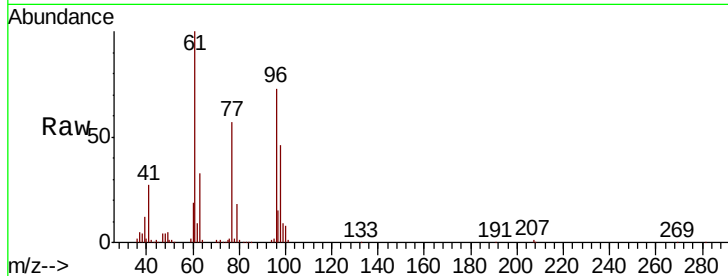
cis-1,2-Dichloroethene
Concen: 52.003 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160733		
61	139.5	0.0	296.2	
98	64.4	0.0	129.4	

Manual Integrations
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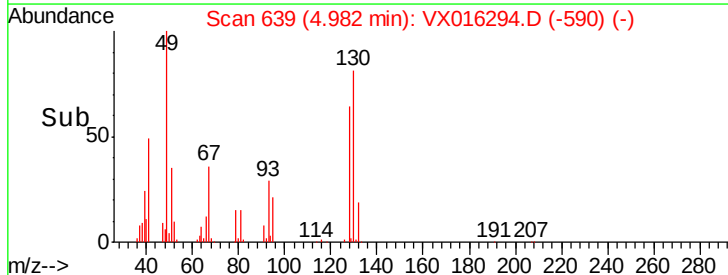
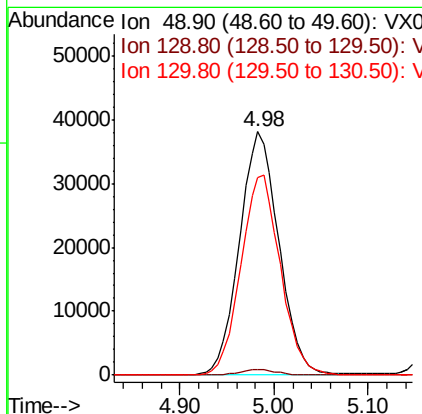
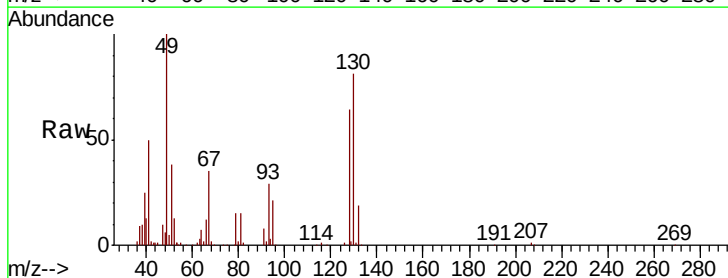
MMDadoda
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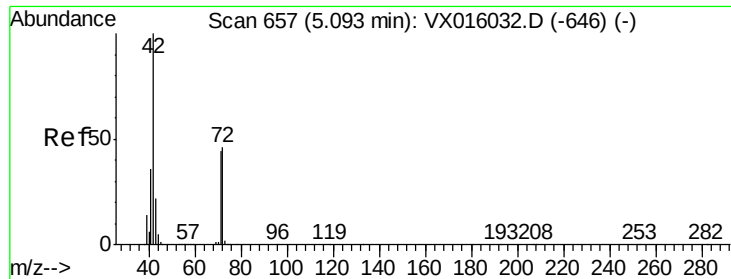


#28

Bromochloromethane
Concen: 49.892 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111685		
129	2.3	0.0	4.0	
130	82.1	62.4	93.6	





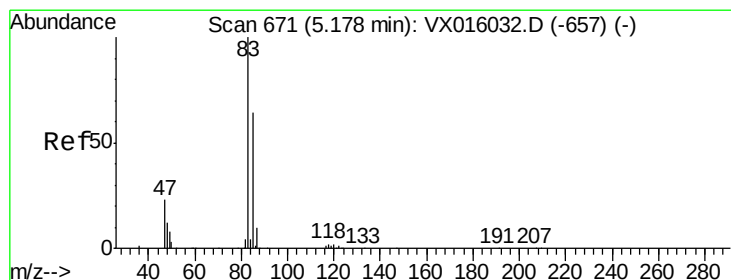
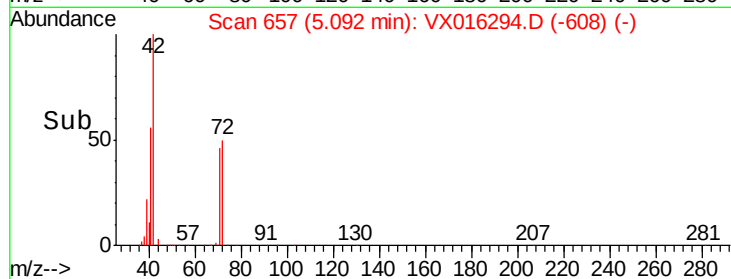
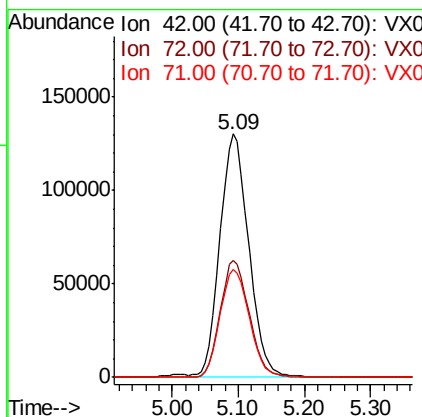
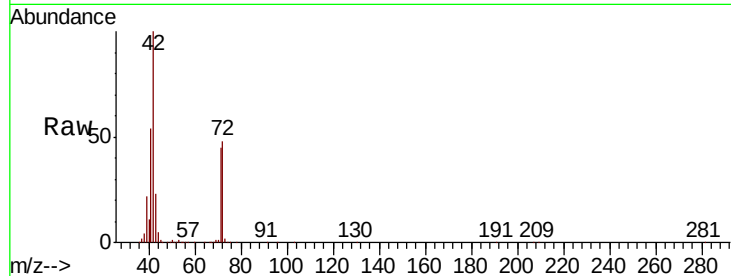
#29
Tetrahydrofuran
Concen: 256.346 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.1	55.7
71	45.1	34.5	51.7

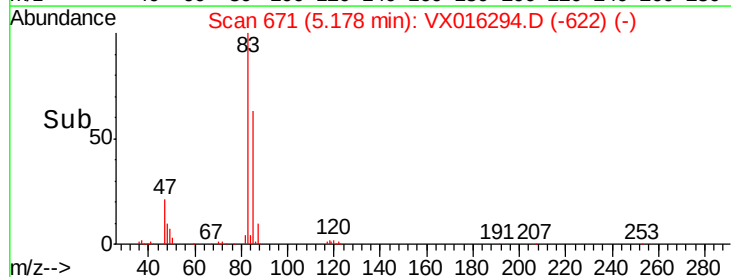
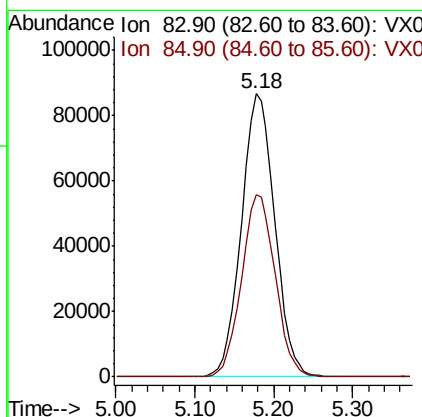
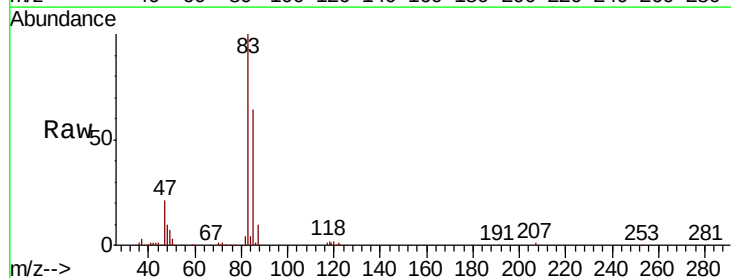
Manual Integrations
APPROVED

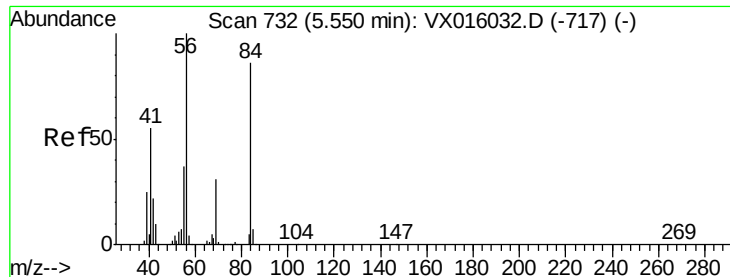
MMDadoda
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#30
Chloroform
Concen: 52.227 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4





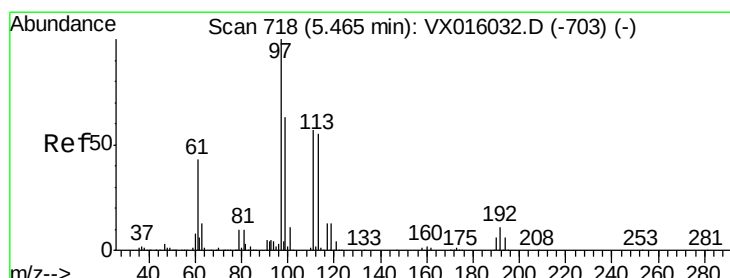
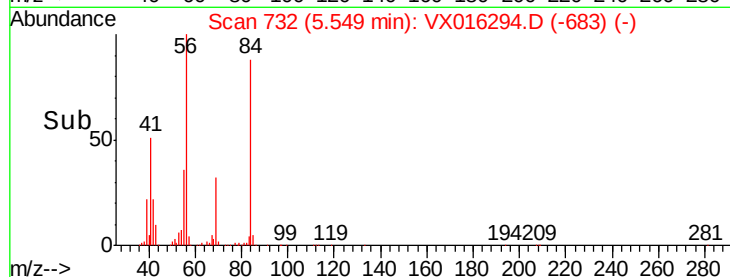
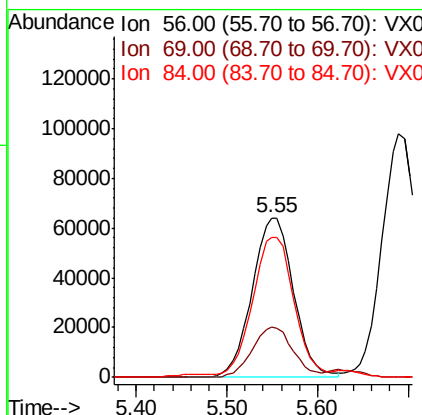
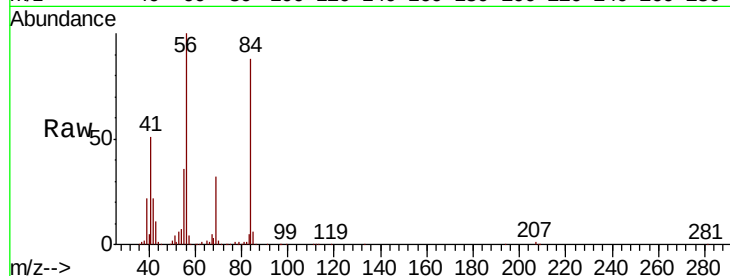
#31
Cyclohexane
Concen: 45.295 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	85.8	69.0	103.6

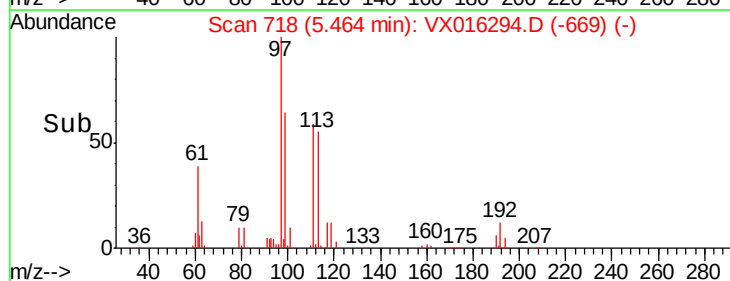
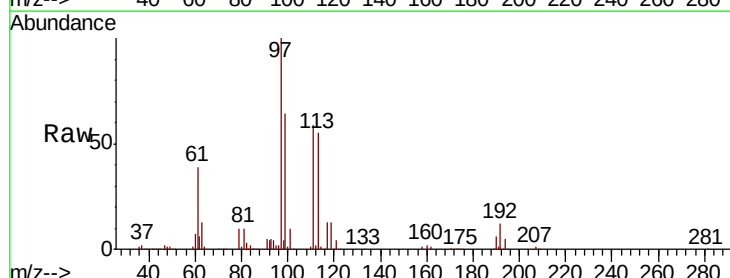
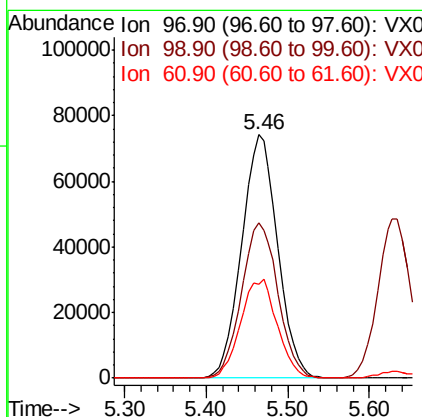
Manual Integrations
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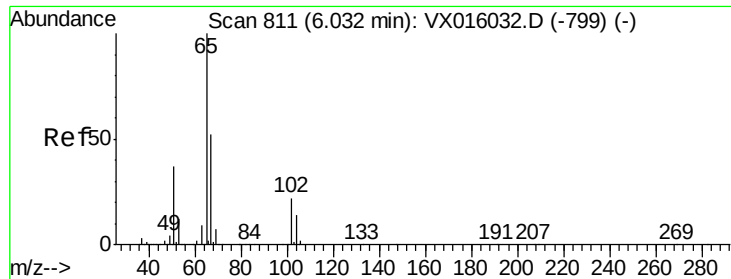
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#32
1,1,1-Trichloroethane
Concen: 51.248 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	41.4	34.5	51.7





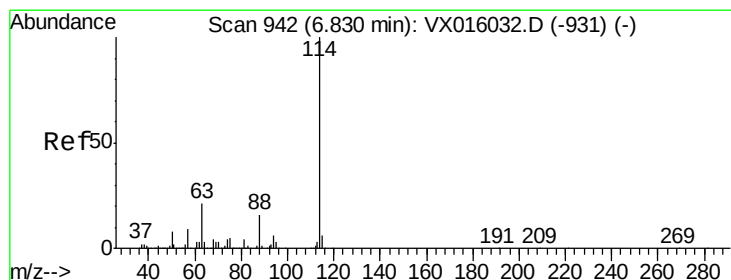
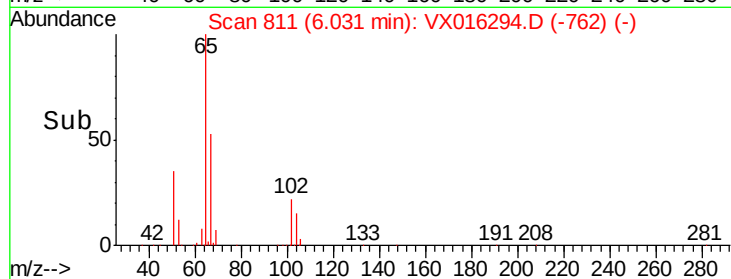
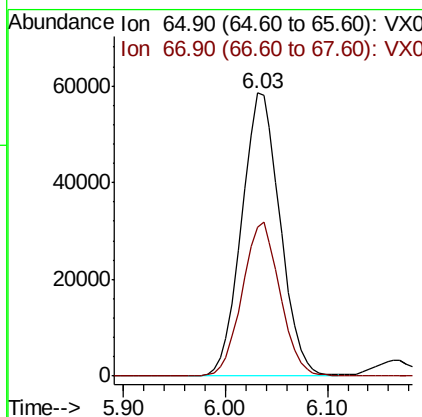
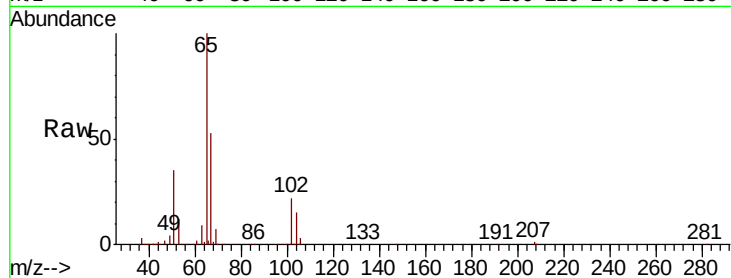
#33
 1,2-Dichloroethane-d4
 Concen: 47.872 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.8

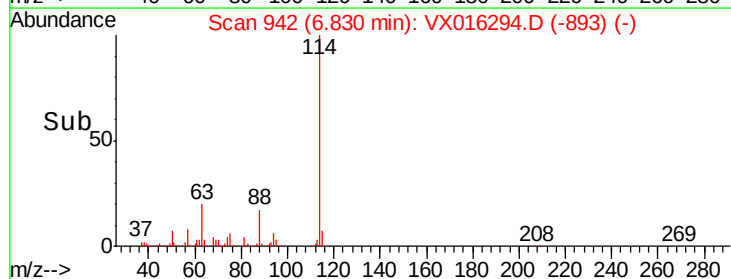
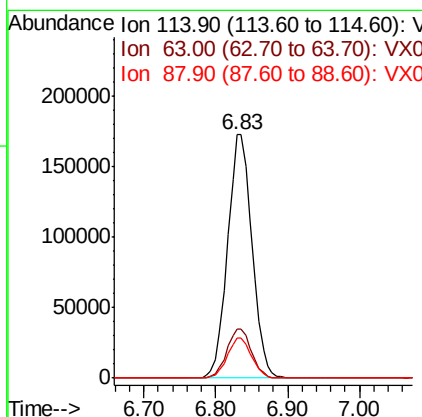
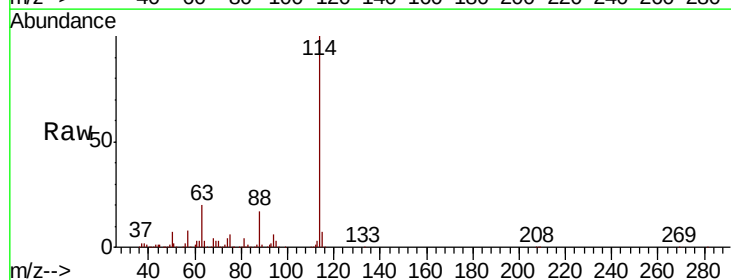
Manual Integrations
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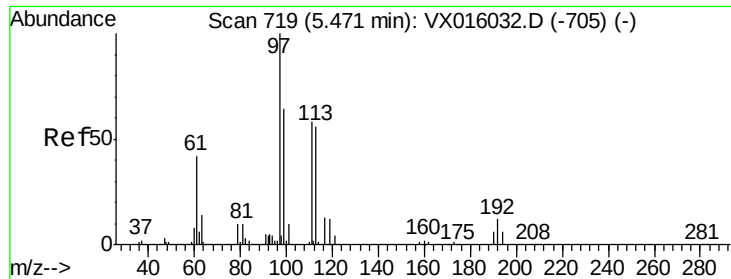
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	16.5	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.296 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

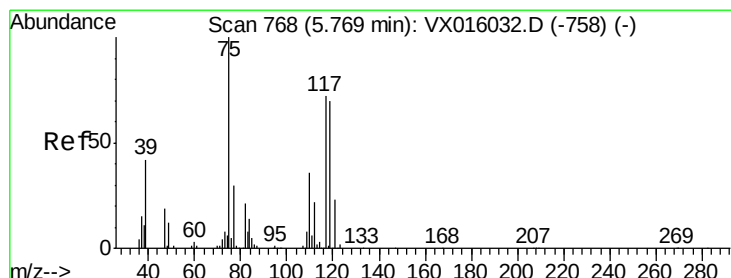
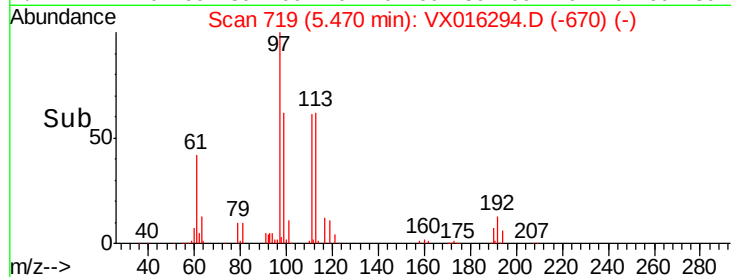
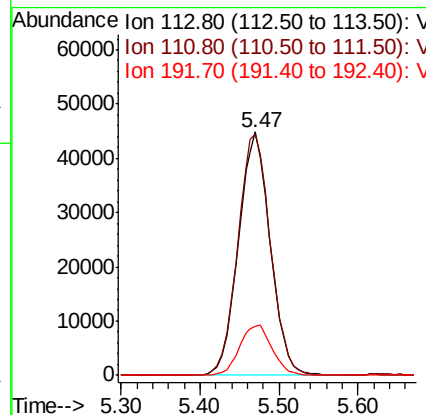
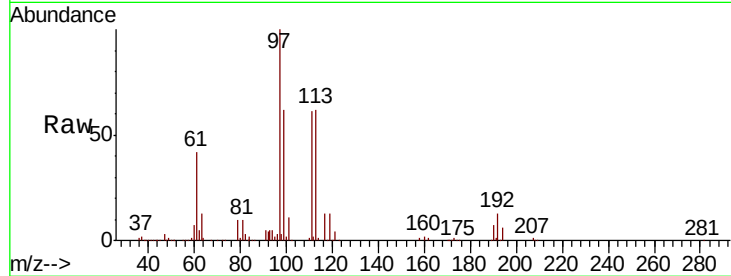
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	124873
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.6	122.4
192	21.2	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.204 ug/l

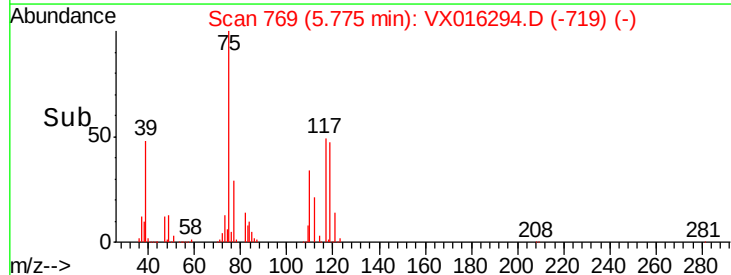
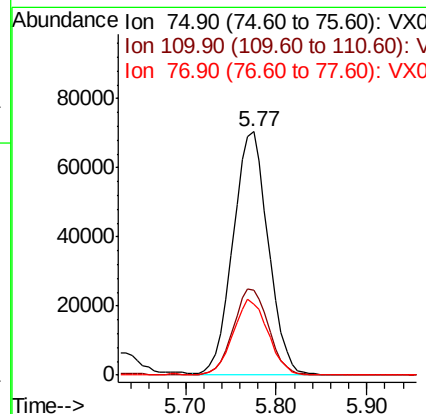
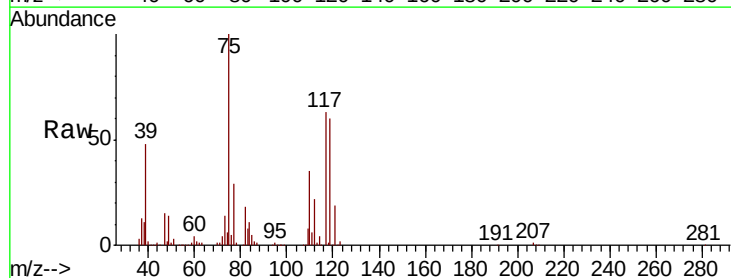
RT: 5.77 min Scan# 769

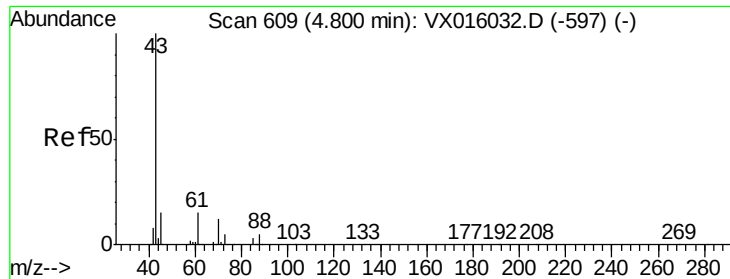
Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	75	Resp:	189634
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.1	54.1
77	30.9	25.0	37.6





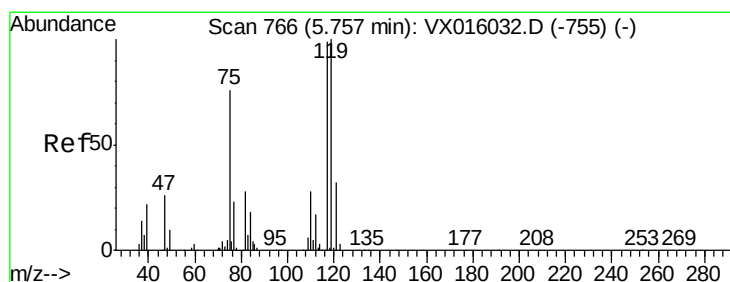
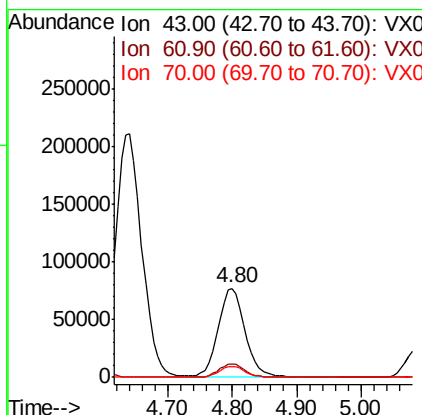
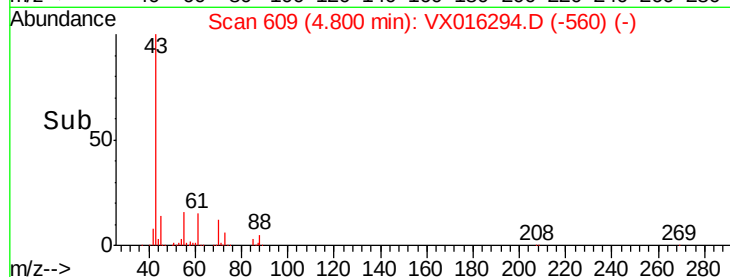
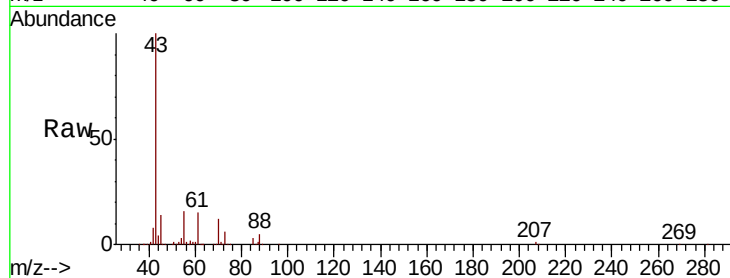
#37
Ethyl Acetate
Concen: 48.640 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	226478
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.3	9.3	13.9

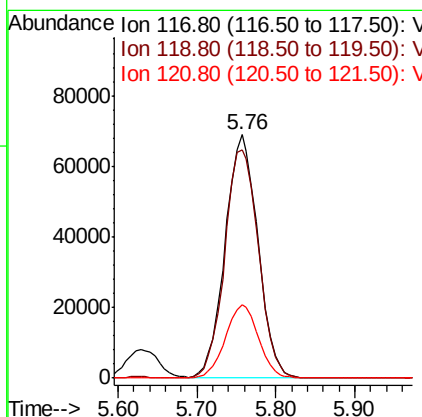
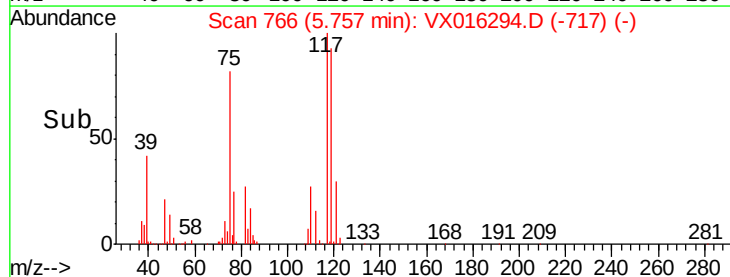
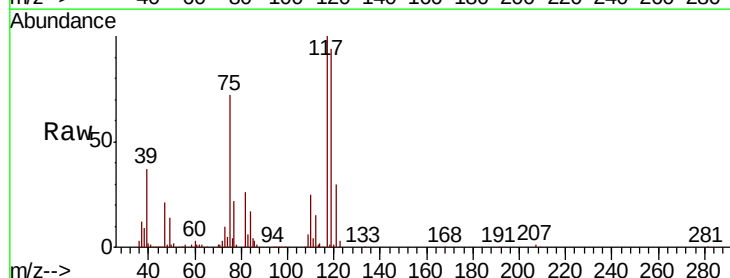
Manual Integrations
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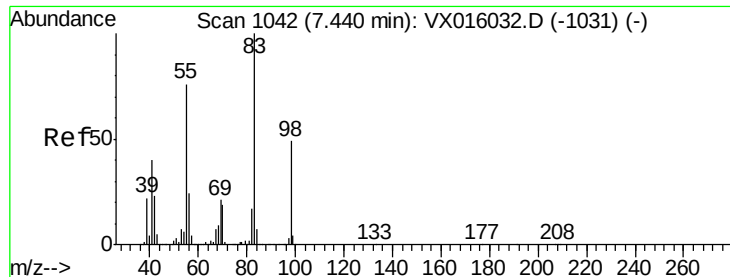
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#38
Carbon Tetrachloride
Concen: 48.804 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion:	117	Resp:	199285
Ion	Ratio	Lower	Upper
117	100		
119	93.6	80.3	120.5
121	30.2	25.7	38.5





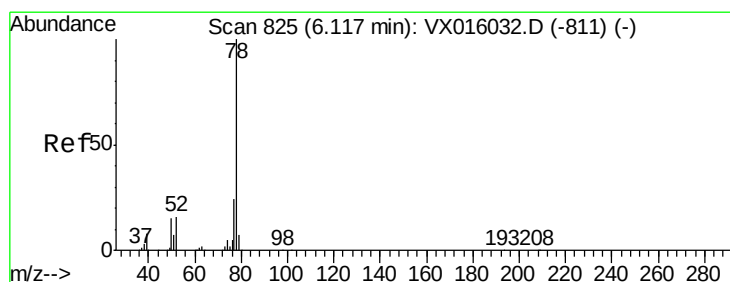
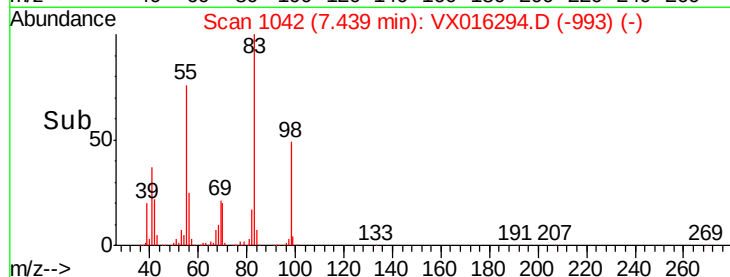
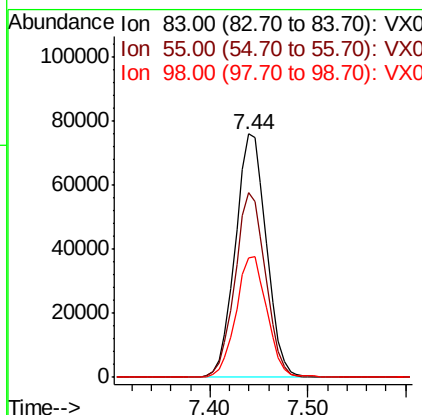
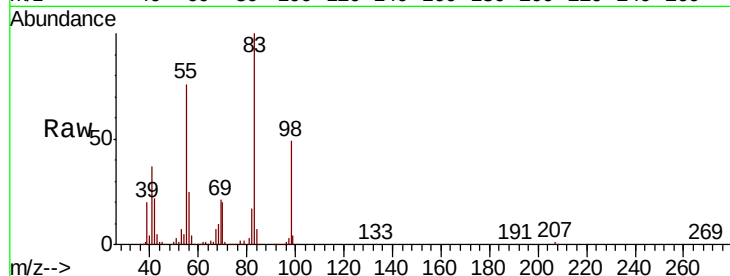
#39
Methylvlcyclohexane
Concen: 34.639 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.1	91.7
98	49.3	39.0	58.4

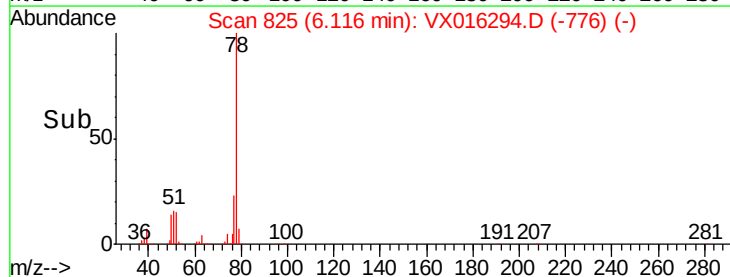
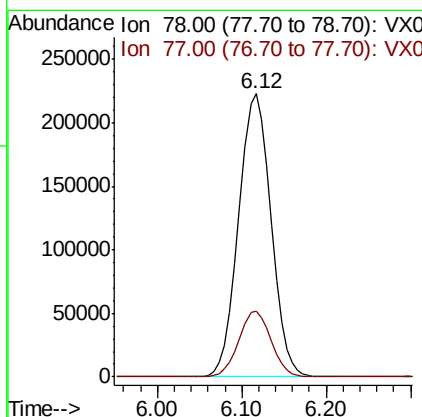
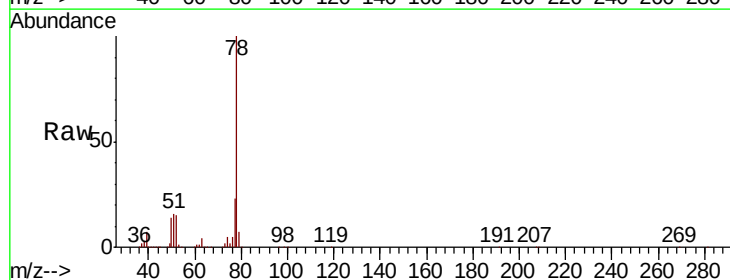
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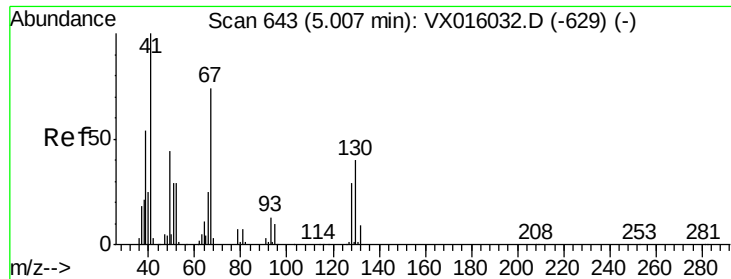
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#40
Benzene
Concen: 49.443 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





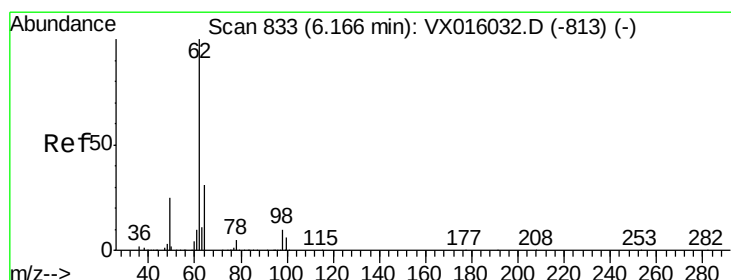
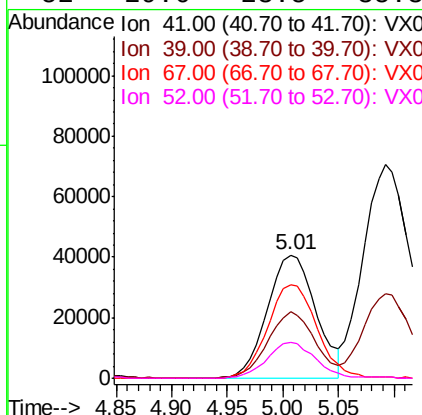
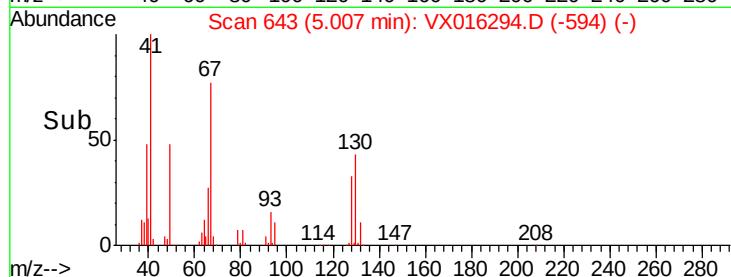
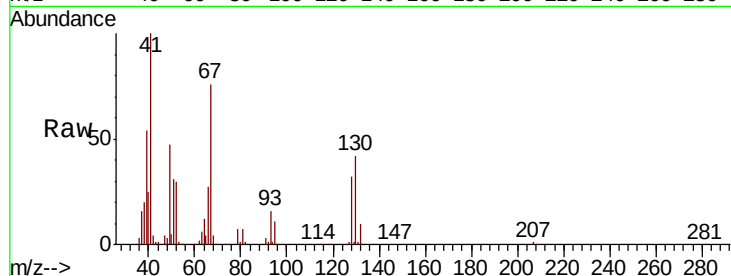
#41
Methacrylonitrile
Concen: 49.098 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		123460		
39	52.1	43.2	64.8		
67	77.4	59.3	88.9		
52	29.6	23.5	35.3		

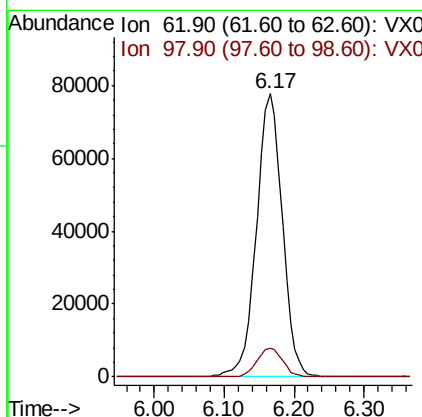
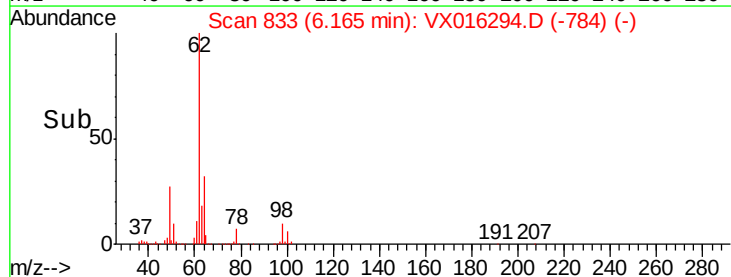
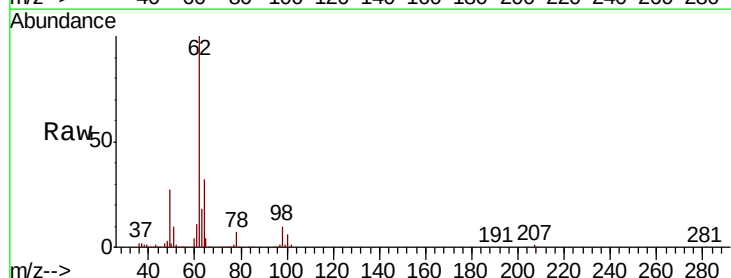
Manual Integrations
APPROVED

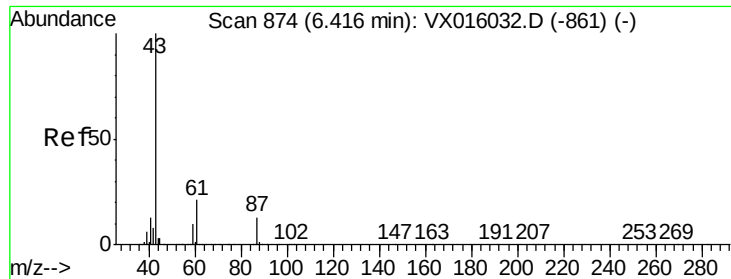
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.531 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		201264		
98	10.2	0.0	19.4		





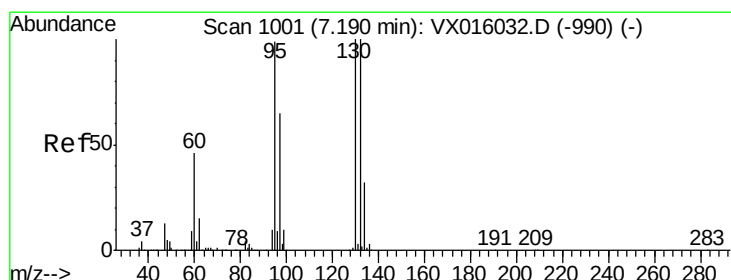
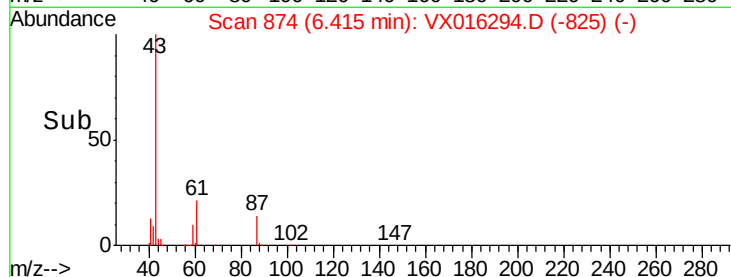
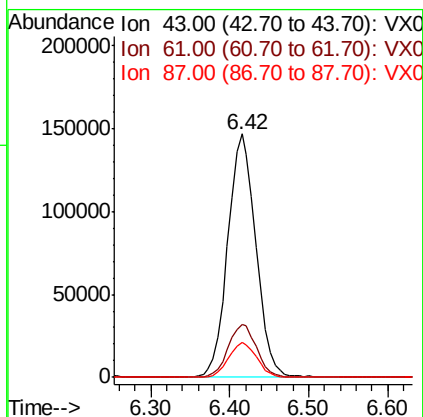
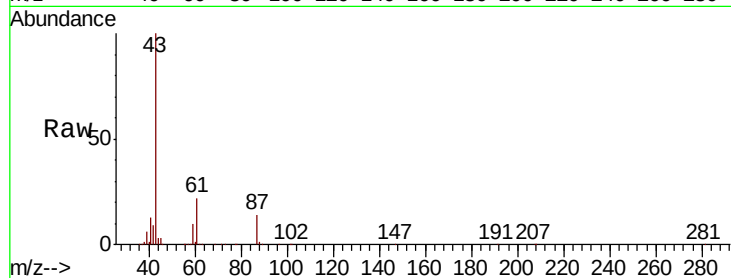
#43
Isopropyl Acetate
Concen: 48.557 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.5	11.0	16.6

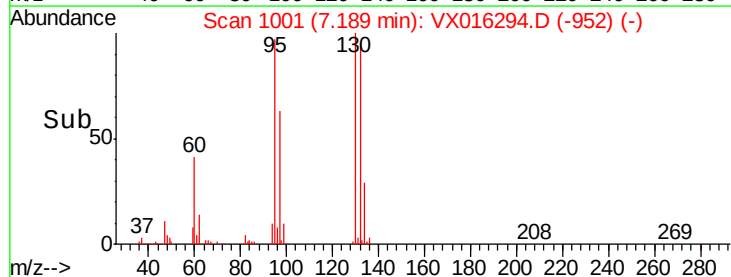
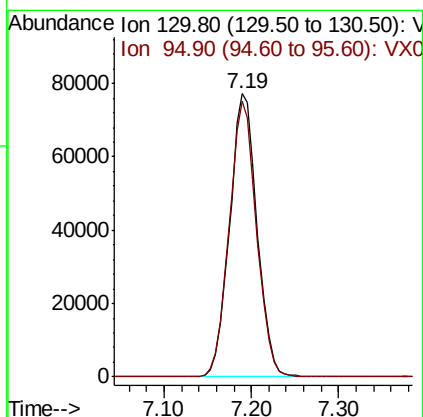
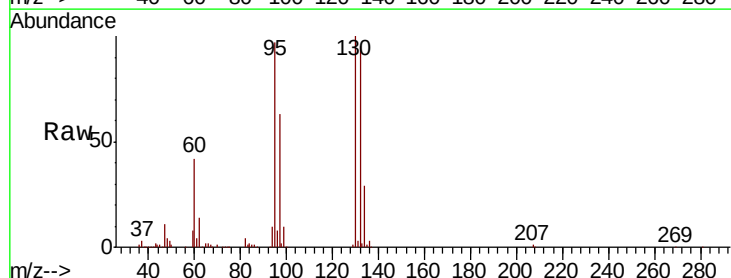
Manual Integrations
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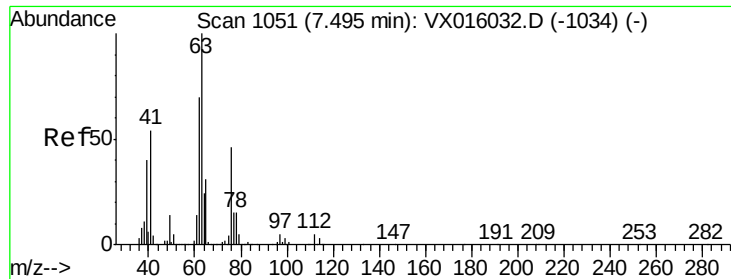
MMDadoda
5/18/2020 12:52:58 PM



#44
Trichloroethene
Concen: 40.227 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 50.831 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 151185

Ion Ratio Lower Upper

63 100

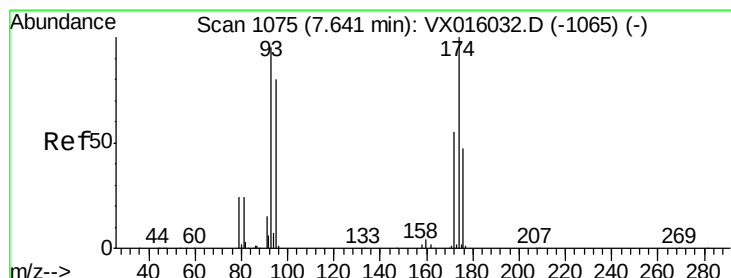
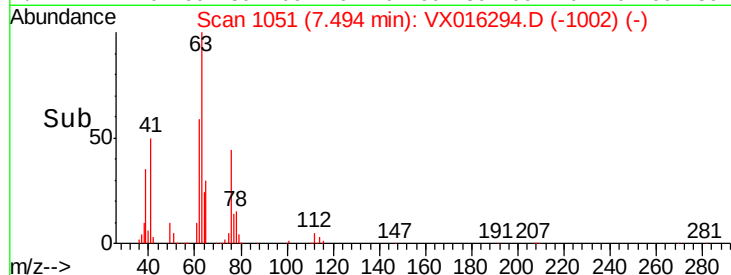
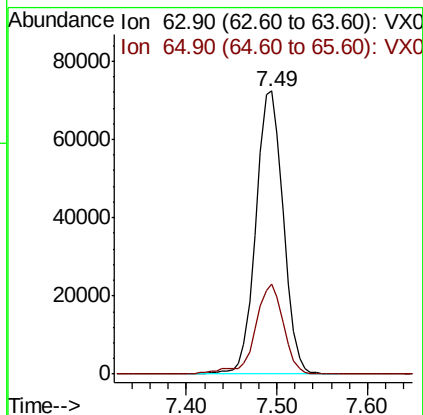
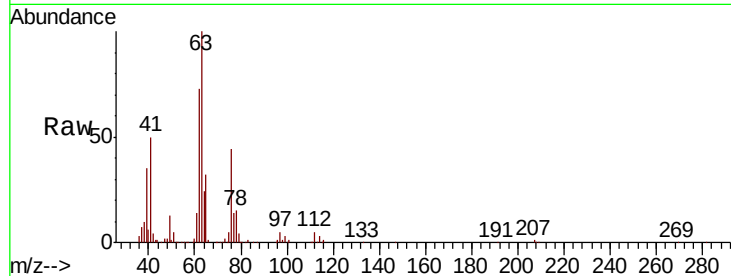
65 31.6 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 49.637 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

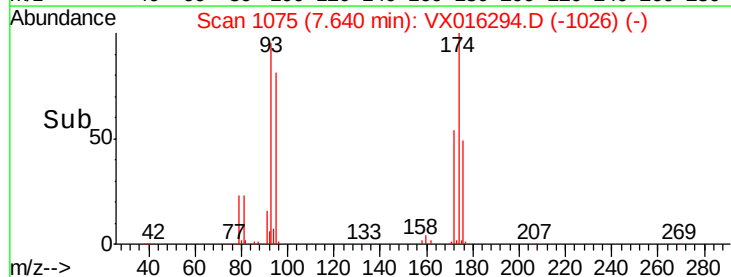
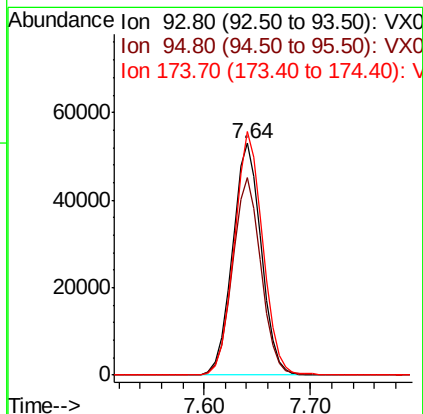
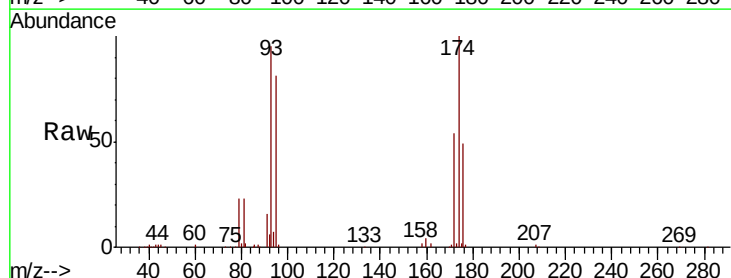
Tgt Ion: 93 Resp: 100329

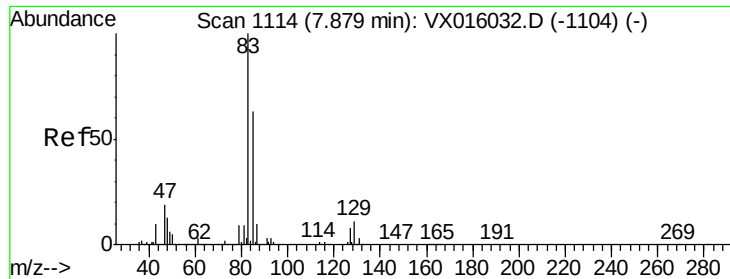
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 104.1 84.2 126.4





#47

Bromodichloromethane

Concen: 50.828 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

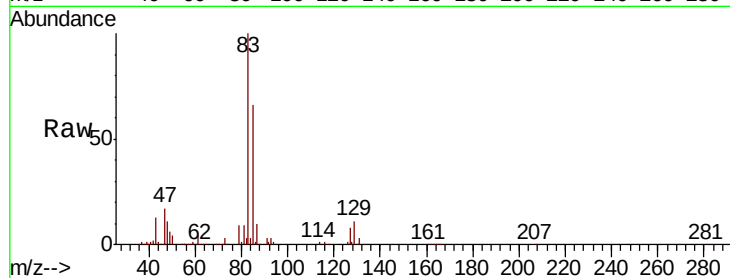
ClientSampleId :

VSTDCCC050EC

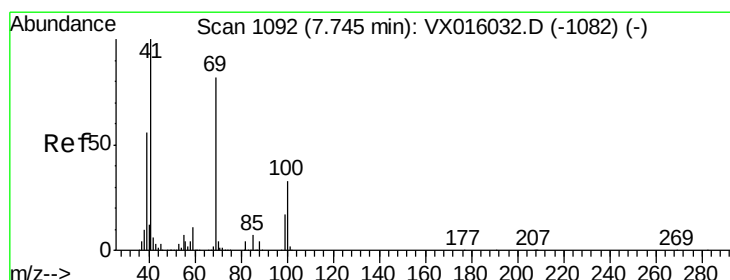
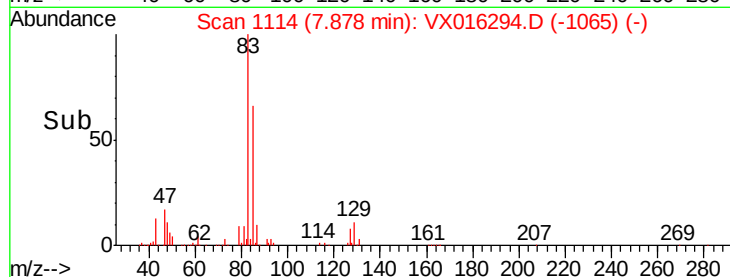
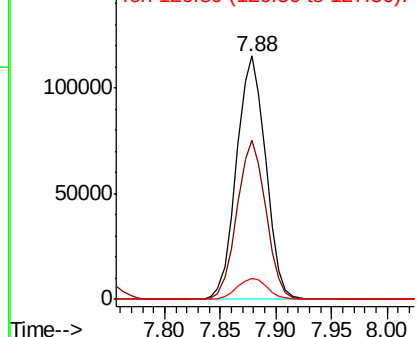
Tot Ion:	83	Resp:	209236
Ion Ratio	Lower	Upper	
83	100		
85	65.6	50.5	75.7
127	8.5	6.7	10.1

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.598 ug/l

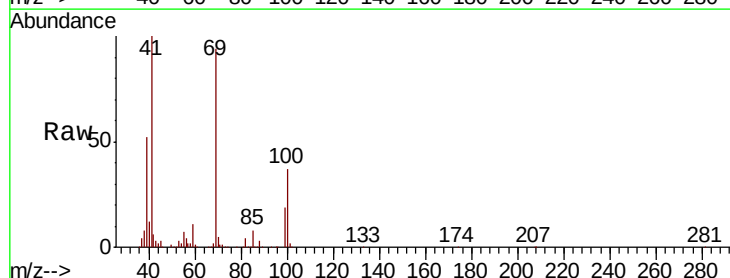
RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

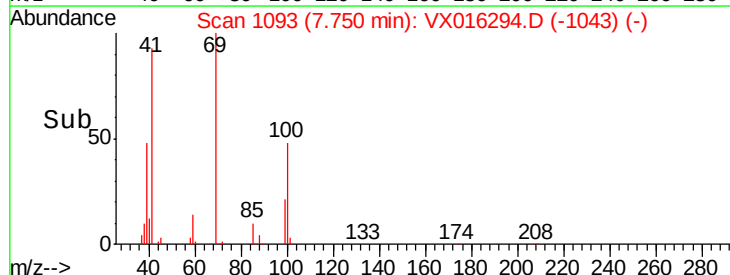
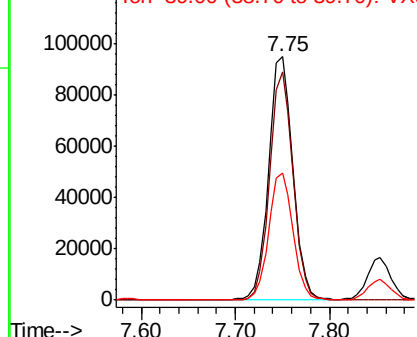
Lab File: VX016294.D

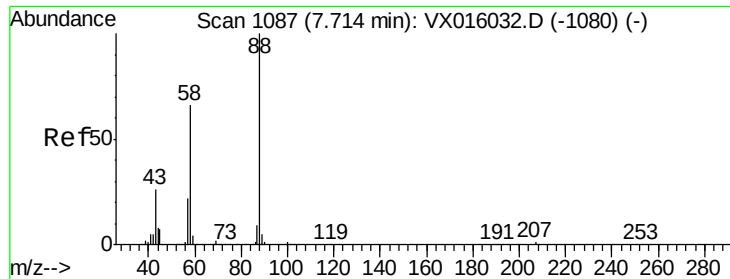
Acq: 15 May 2020 20:21

Tgt Ion:	41	Resp:	171080
Ion Ratio	Lower	Upper	
41	100		
69	90.6	67.8	101.6
39	52.3	44.6	67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





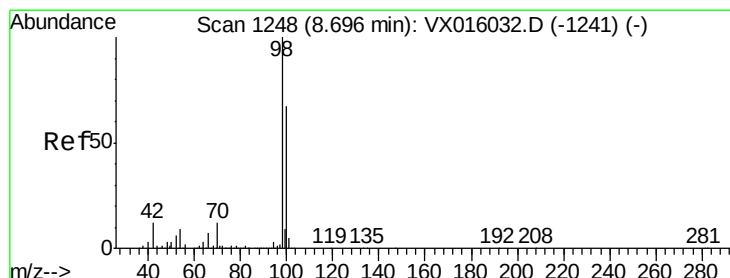
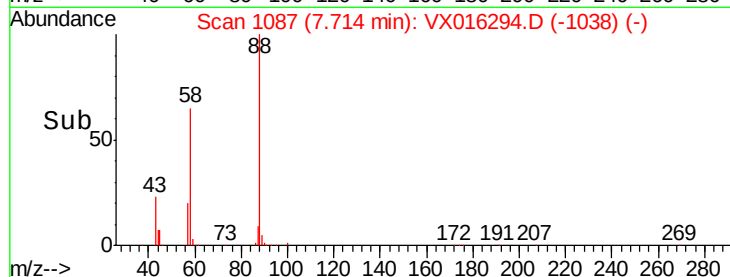
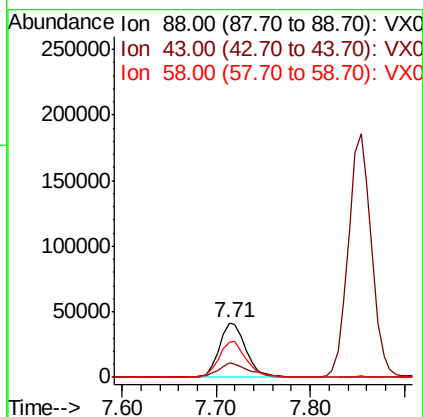
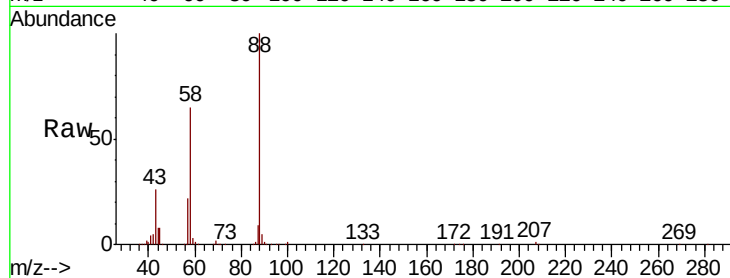
#49
1,4-Dioxane
Concen: 952.598 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	25.3	37.9
58	68.2	55.9	83.9

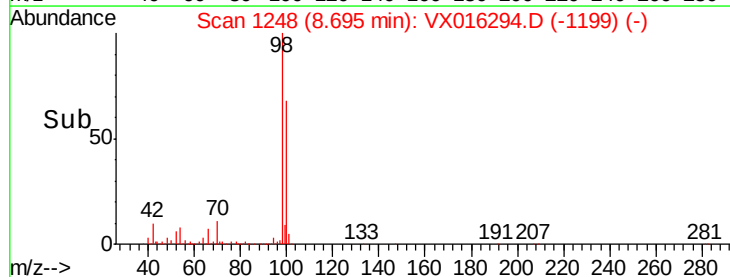
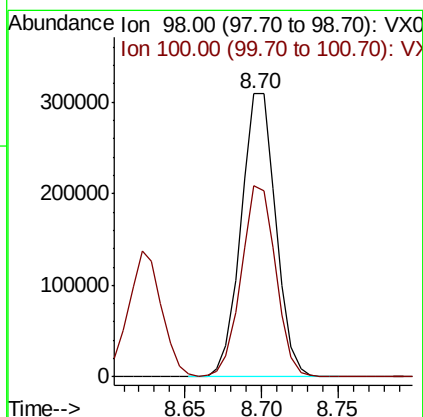
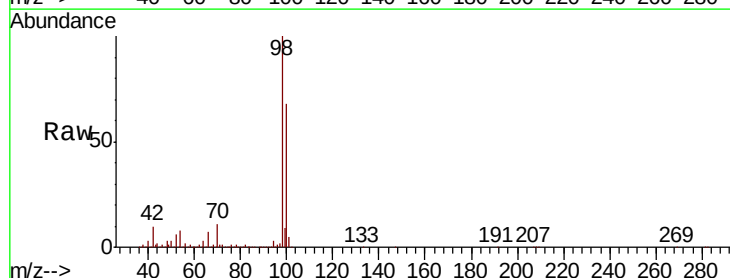
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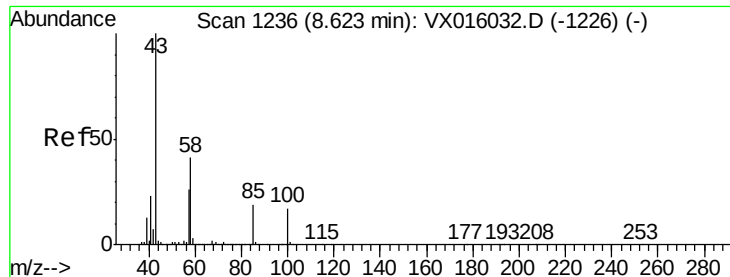
MMDadoda
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#50
Toluene-d8
Concen: 49.023 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5





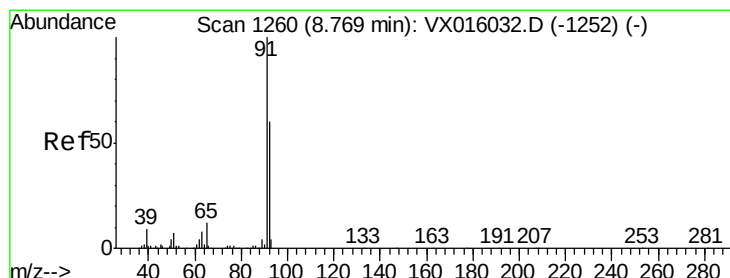
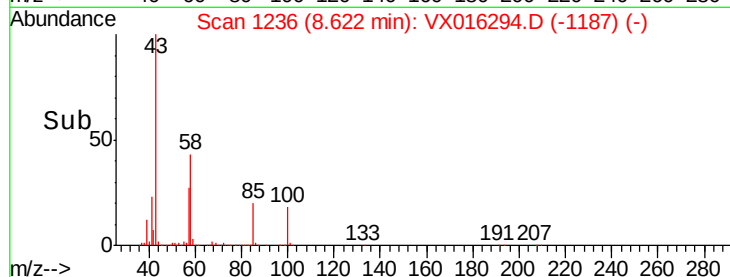
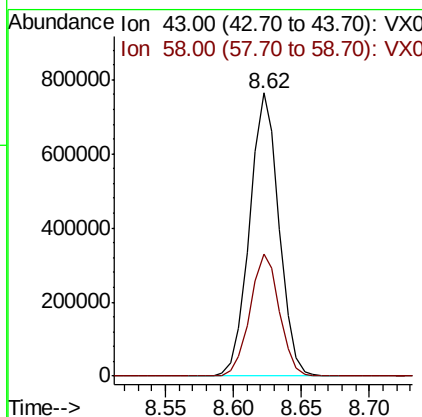
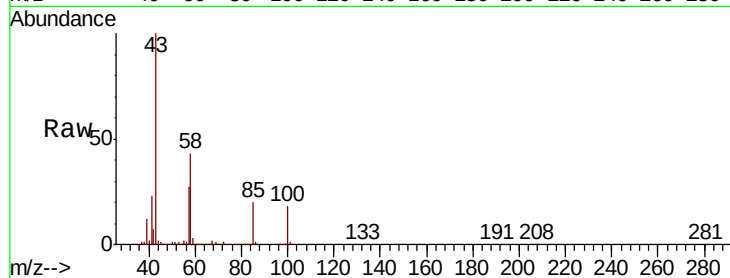
#51
4-Methyl-2-Pentanone
Concen: 254.558 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1157272
Ion Ratio Lower Upper
43 100
58 43.1 33.0 49.4

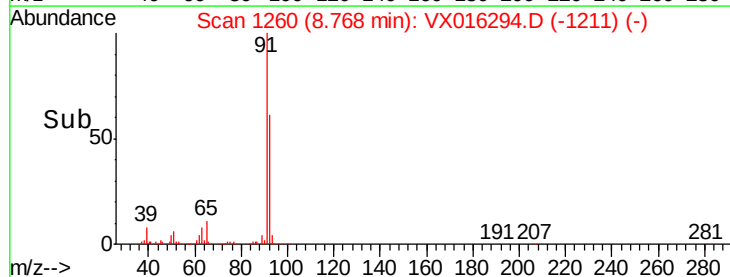
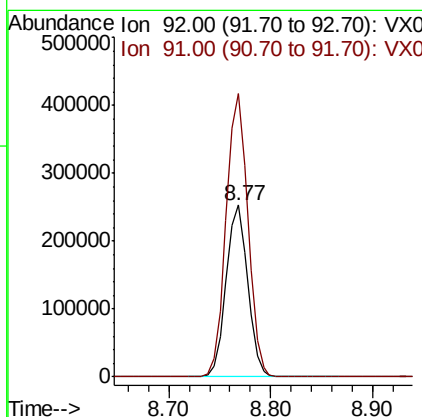
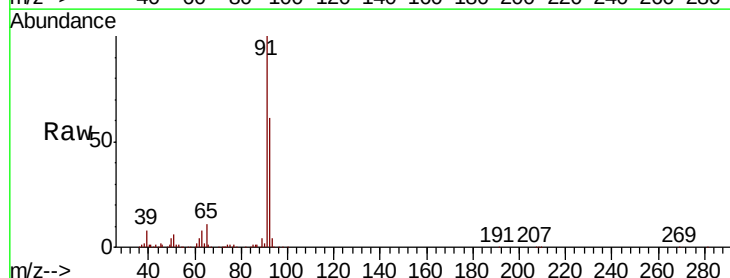
Manual Integrations
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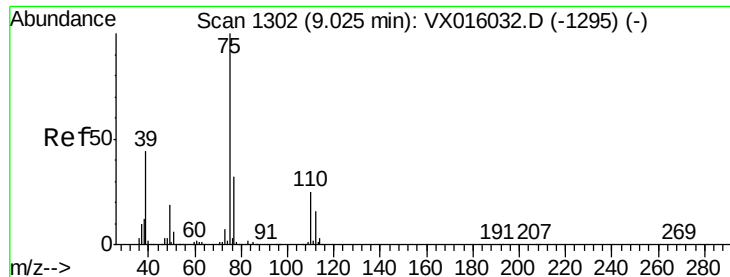
MMDadoda
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#52
Toluene
Concen: 50.517 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 92 Resp: 370127
Ion Ratio Lower Upper
92 100
91 167.1 134.5 201.7





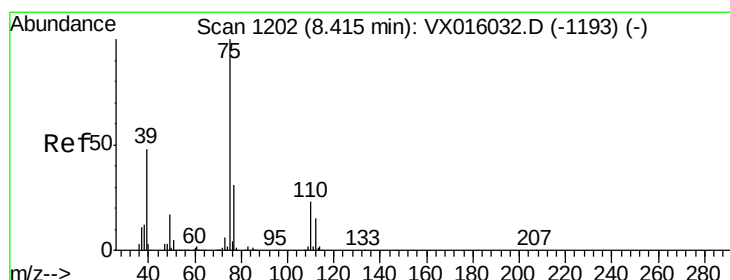
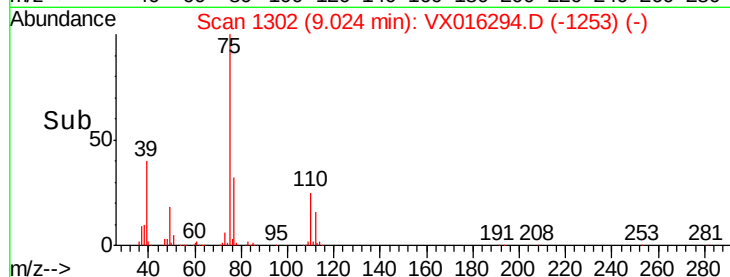
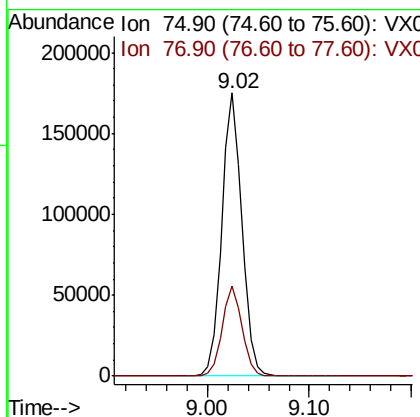
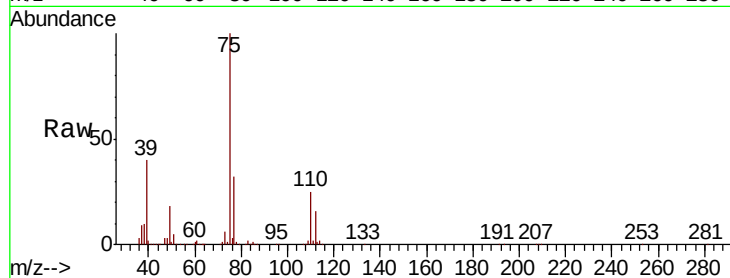
#53
t-1,3-Dichloropropene
Concen: 48.841 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5

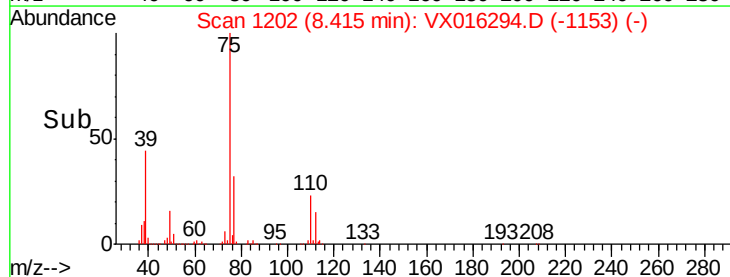
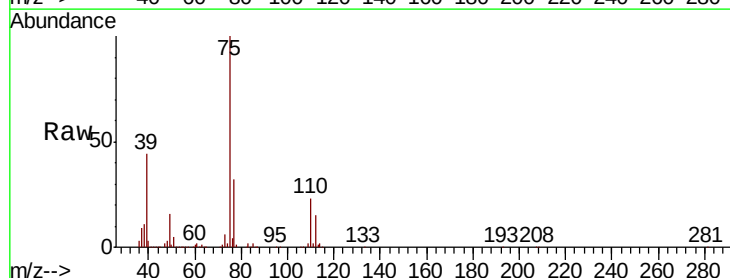
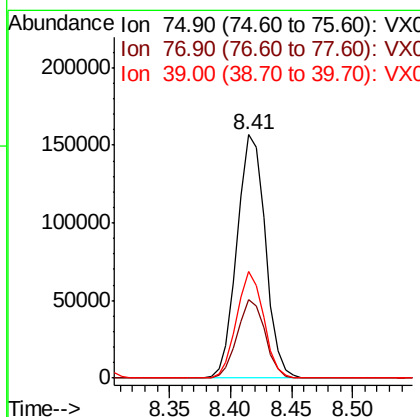
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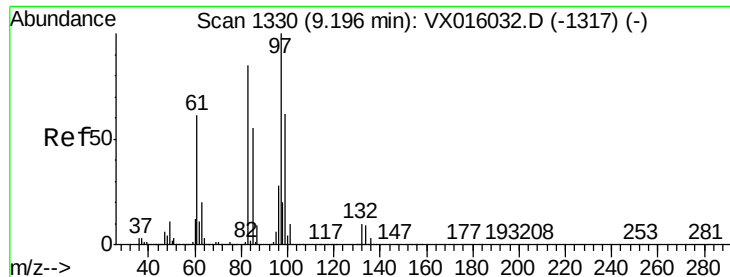
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.100 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	43.9	38.7	58.1





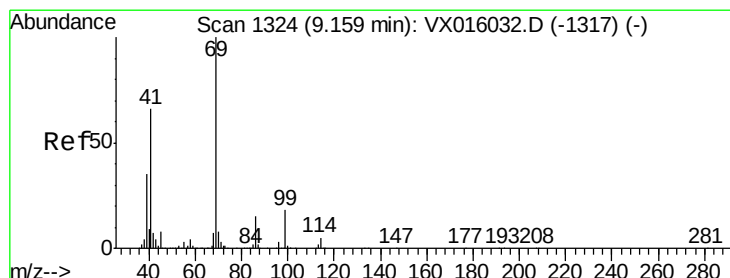
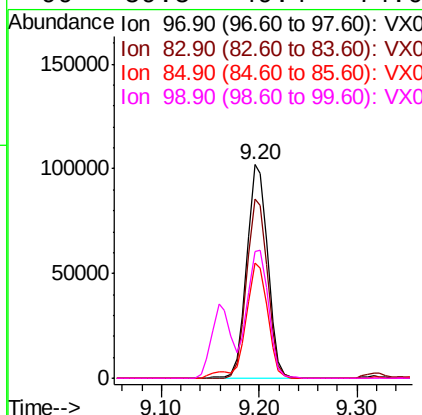
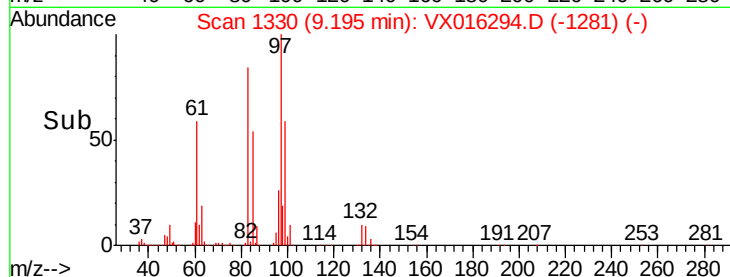
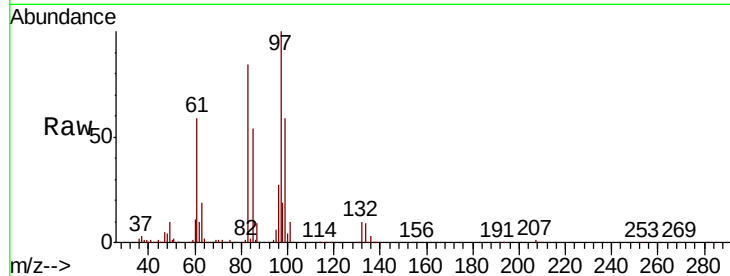
#55
 1,1,2-Trichloroethane
 Concen: 52.627 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		151705		
83	83.7	67.8	101.8		
85	54.2	43.8	65.8		
99	59.5	49.4	74.0		

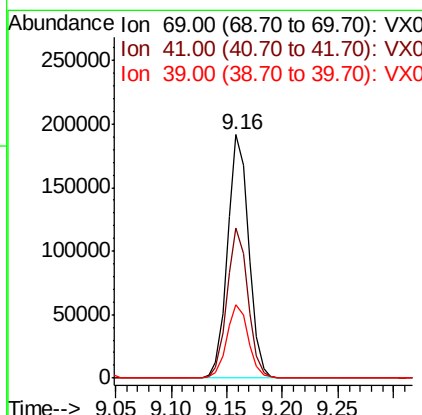
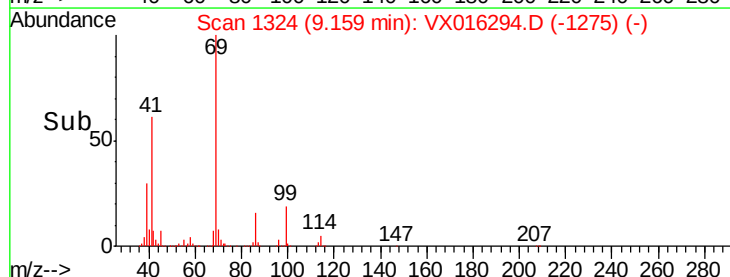
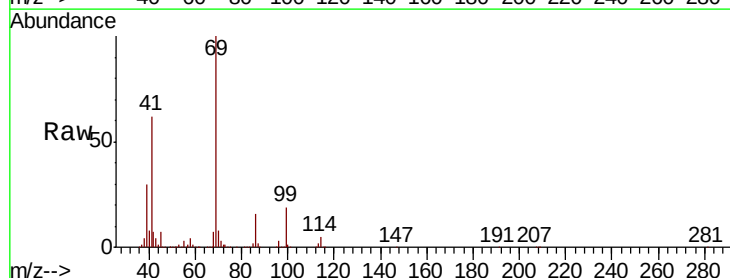
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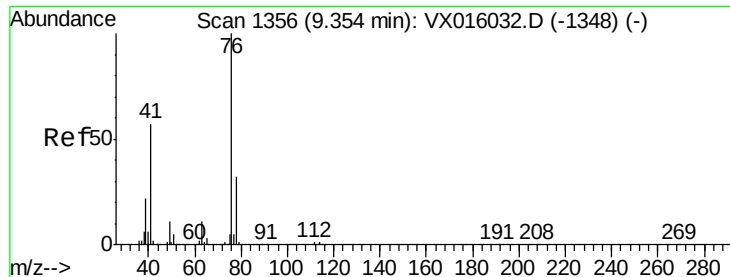
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#56
 Ethyl methacrylate
 Concen: 53.528 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		251866		
41	60.8	52.2	78.4		
39	30.5	28.2	42.4		





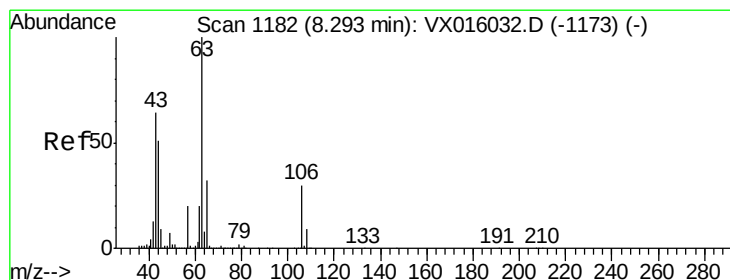
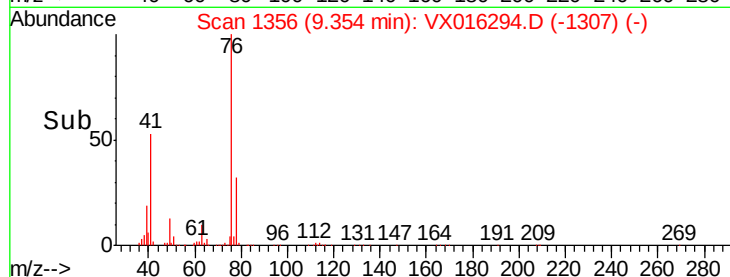
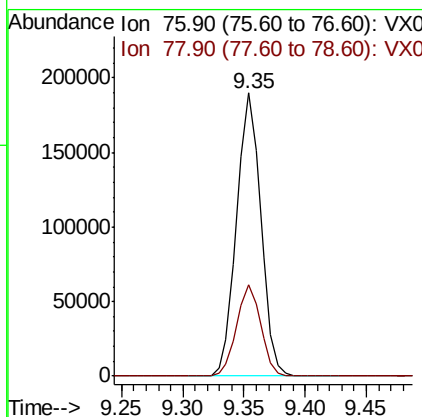
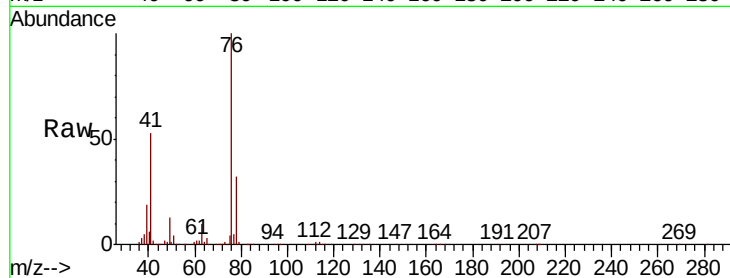
#57
 1,3-Dichloropropane
 Concen: 51.808 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

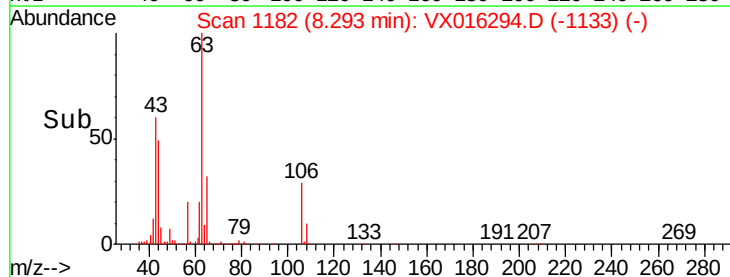
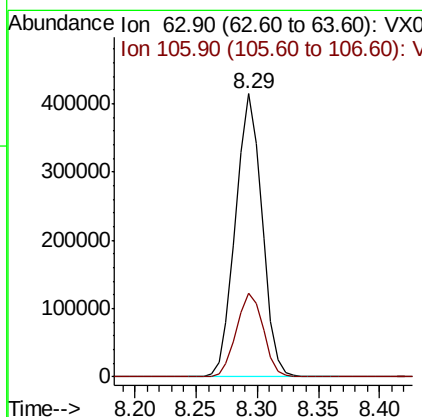
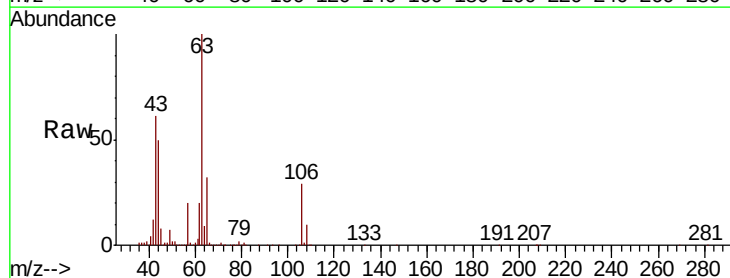
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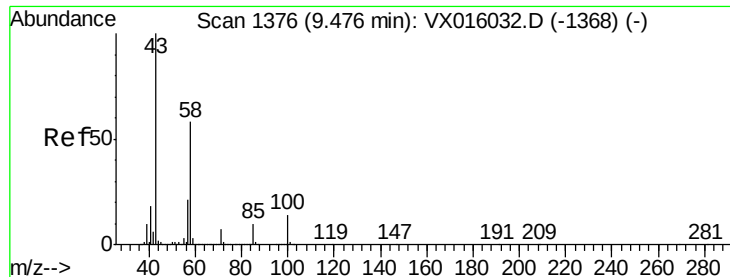
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.581 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.4	35.2





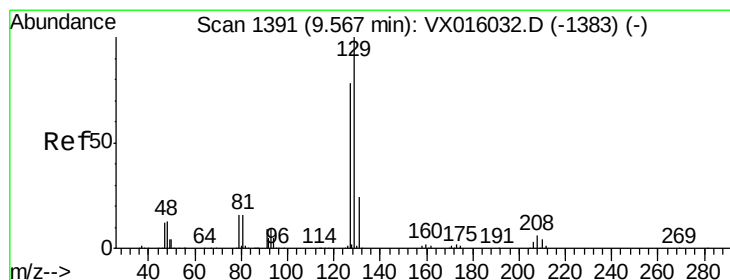
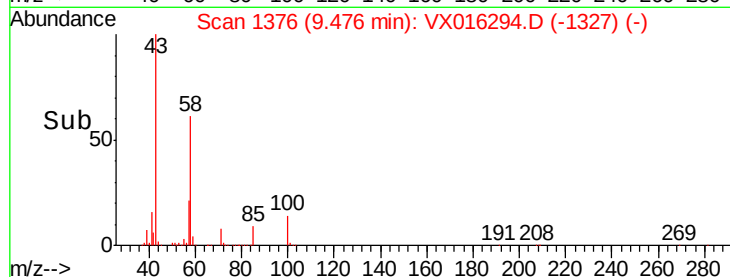
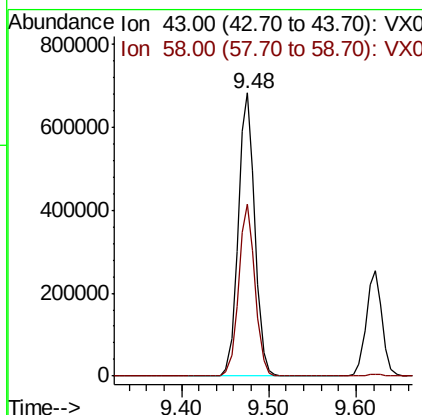
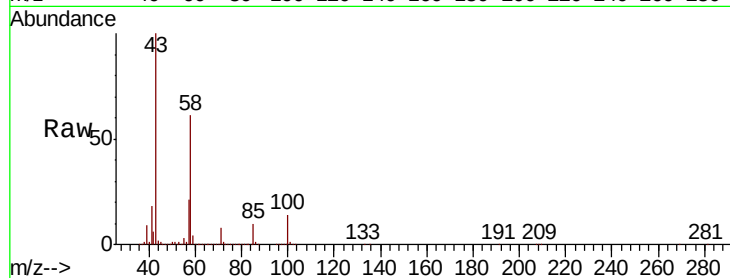
#59
2-Hexanone
Concen: 254.162 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.9	28.6	85.9

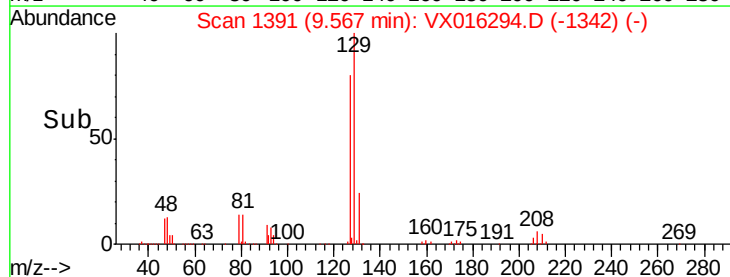
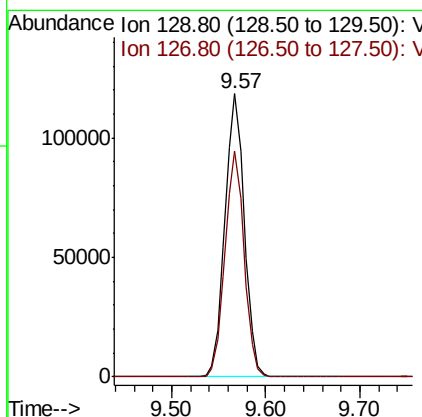
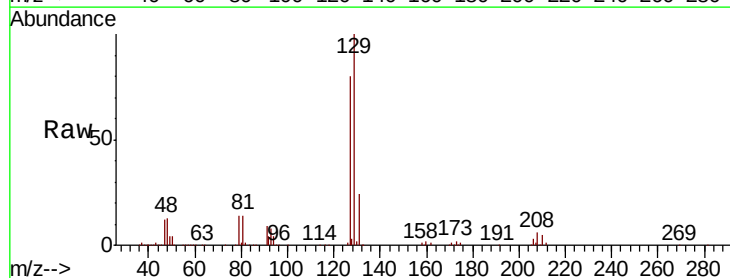
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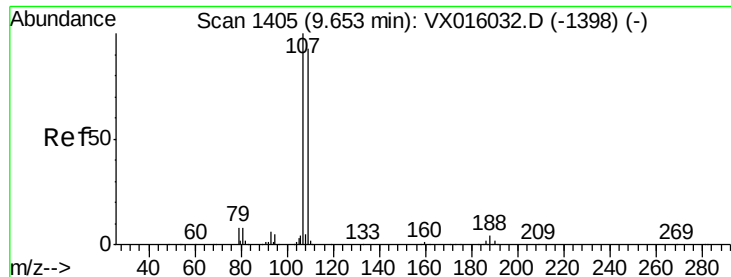
MMDadoda
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#60
Dibromochloromethane
Concen: 53.335 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.4	115.2





#61

1,2-Dibromoethane

Concen: 51.448 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 160642

Ion Ratio Lower Upper

107 100

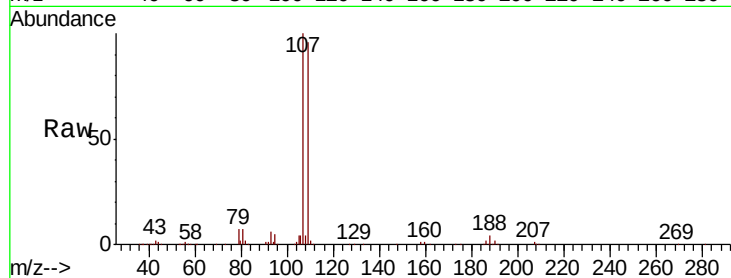
109 94.7 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

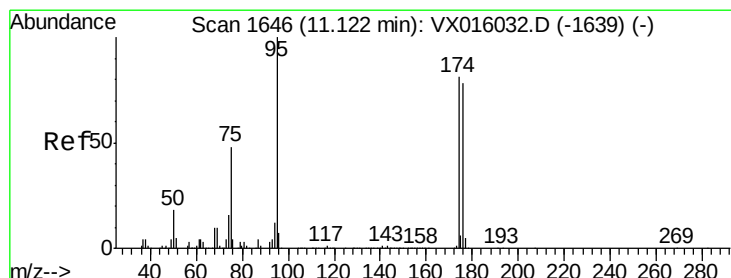
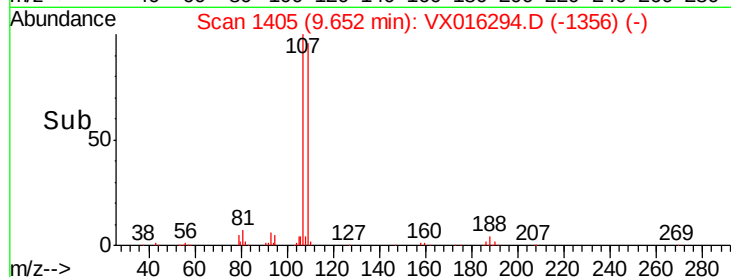
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.293 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

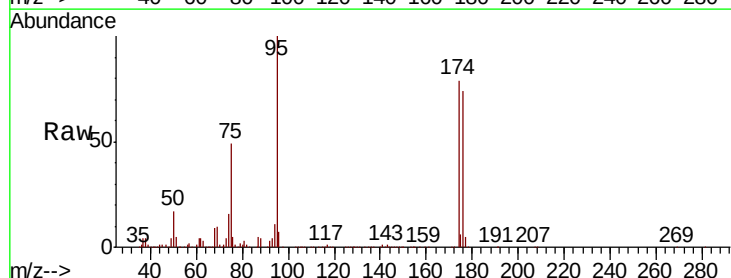
Tgt Ion: 95 Resp: 186782

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.4

176 76.8 0.0 157.6



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

200000

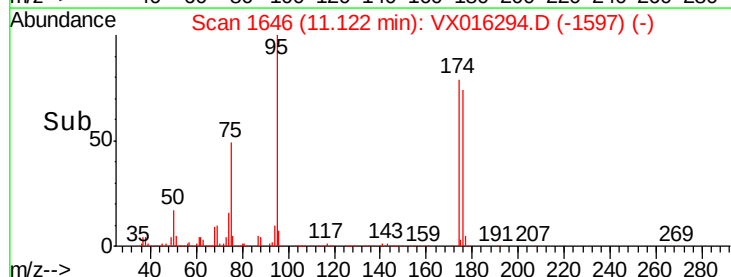
150000

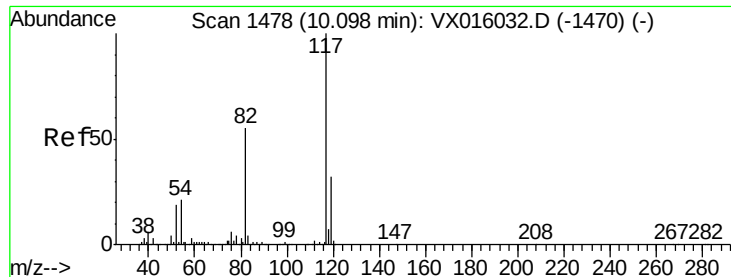
100000

50000

0

Time-->





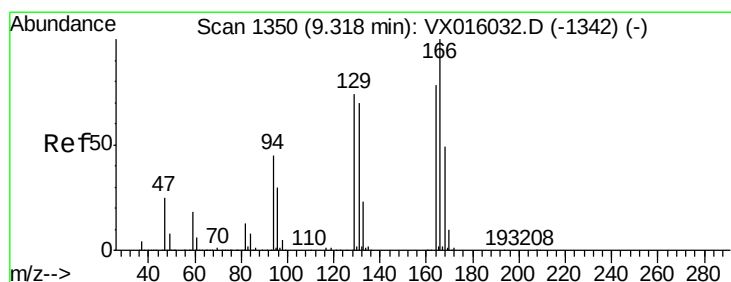
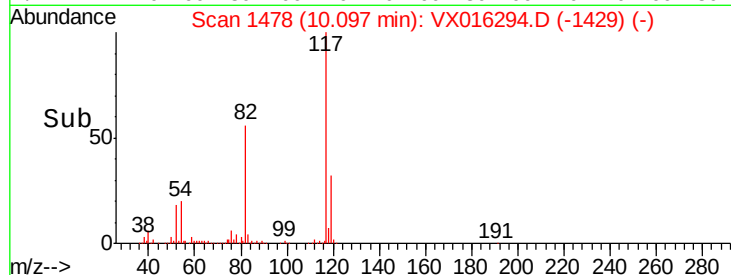
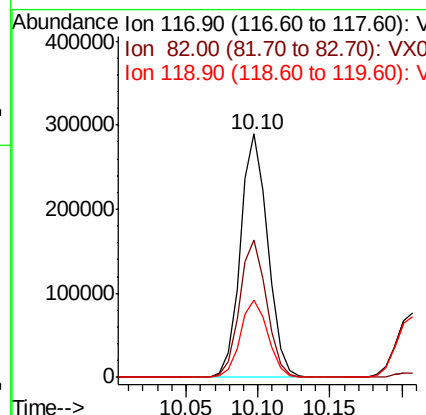
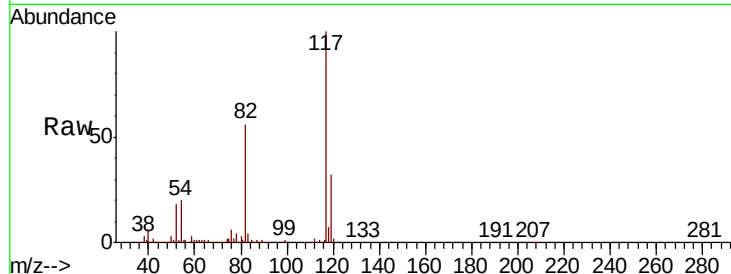
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	381018		
82	56.3	44.4	66.6	
119	31.7	25.5	38.3	

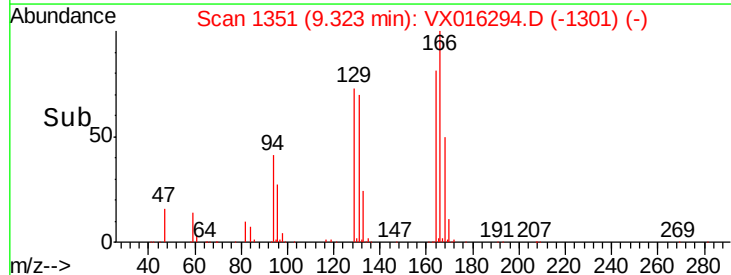
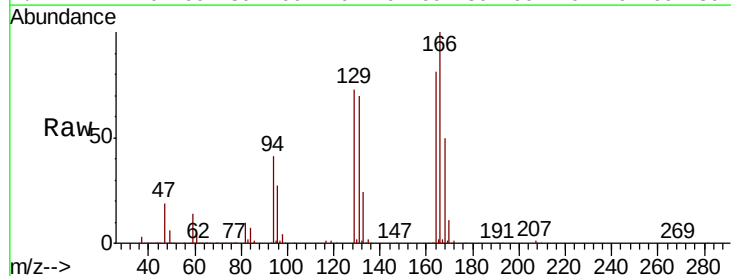
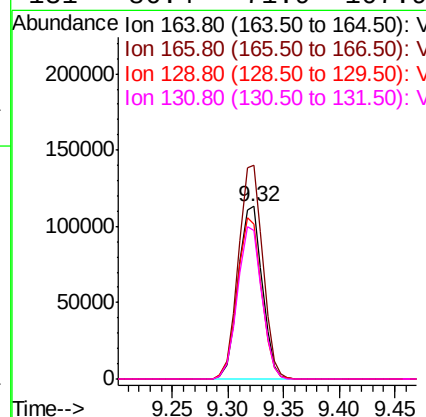
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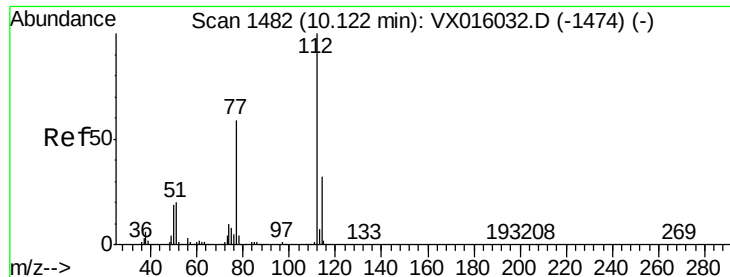
MMDadoda
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#64
Tetrachloroethene
Concen: 36.286 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169725		
166	124.0	102.9	154.3	
129	90.2	76.1	114.1	
131	86.4	71.9	107.9	





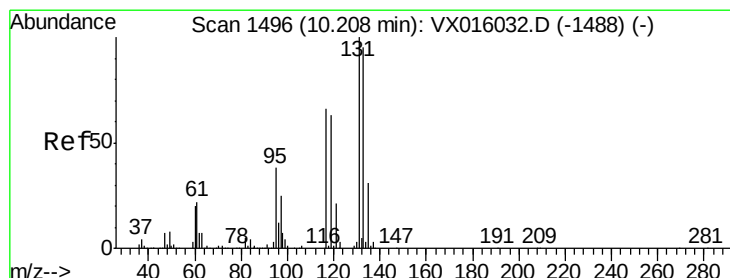
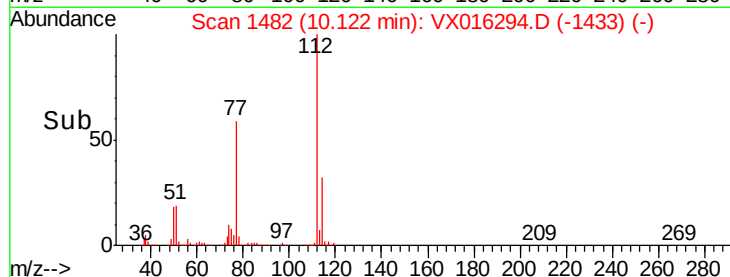
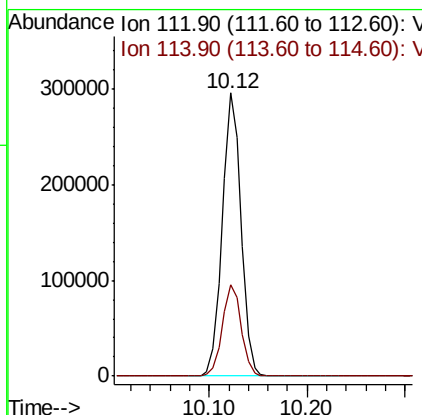
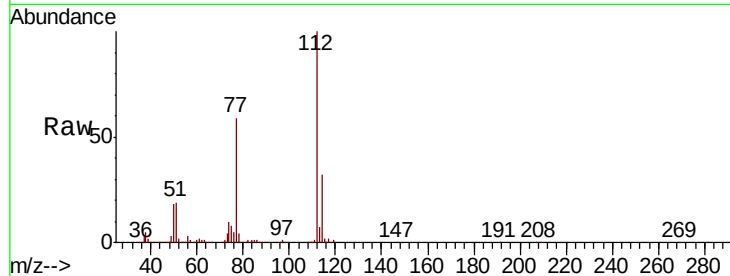
#65
Chlorobenzene
Concen: 49.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

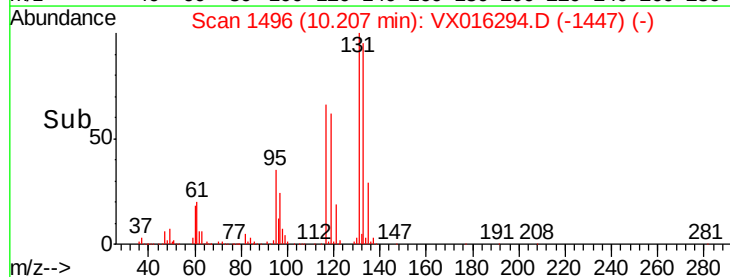
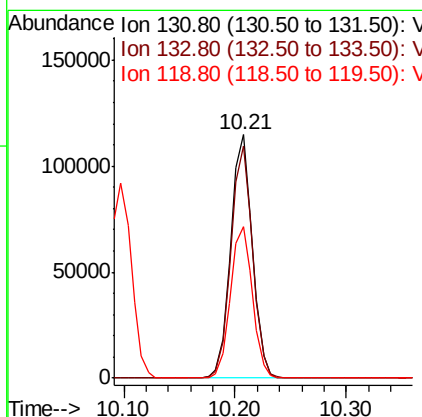
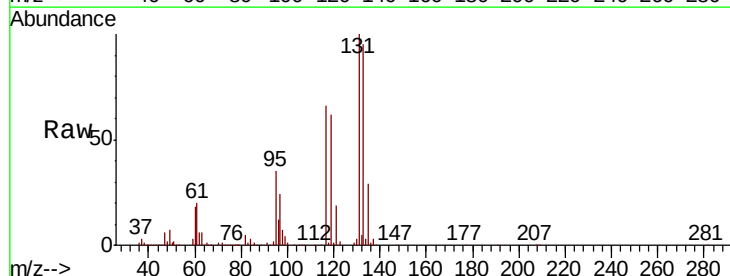
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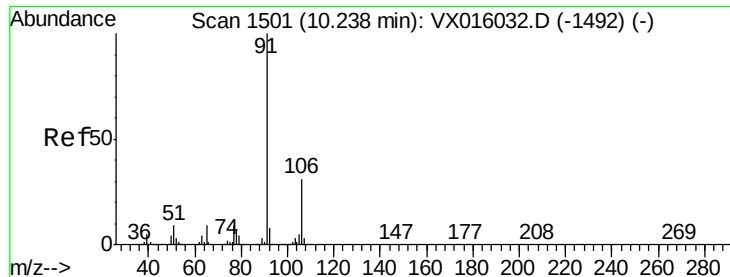
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.163 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.3	144.8
119	63.3	32.3	96.9





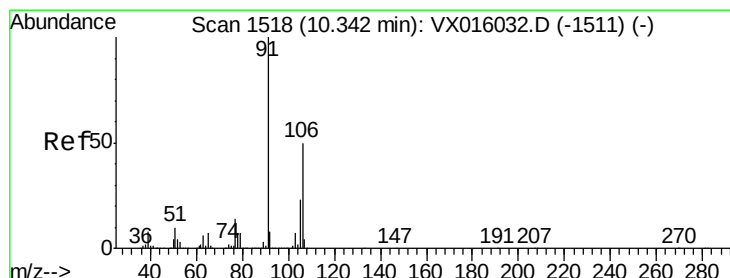
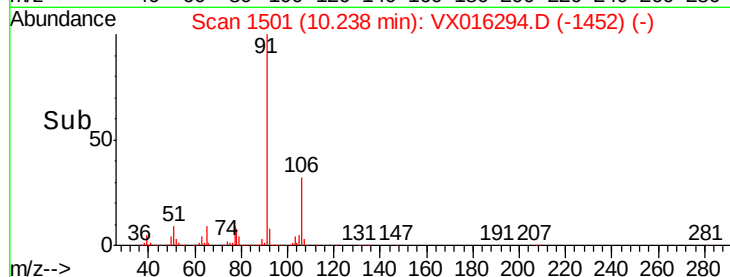
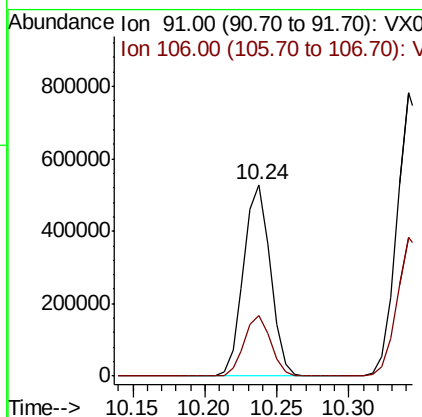
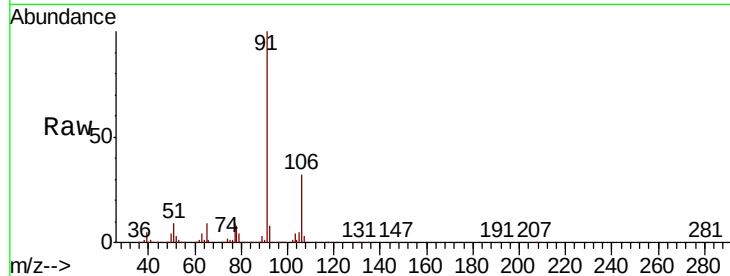
#67
Ethyl Benzene
Concen: 47.968 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 682815
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7

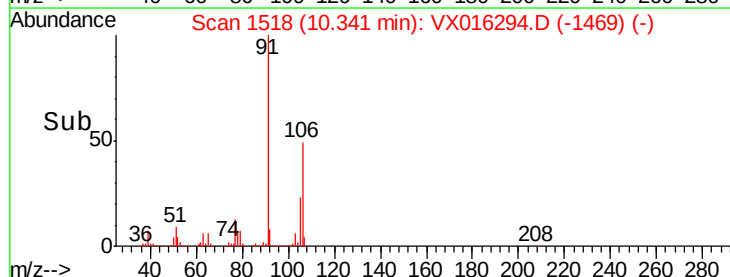
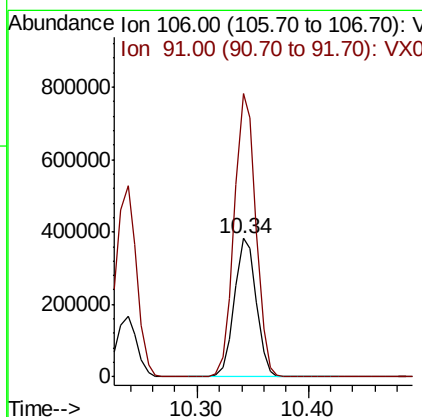
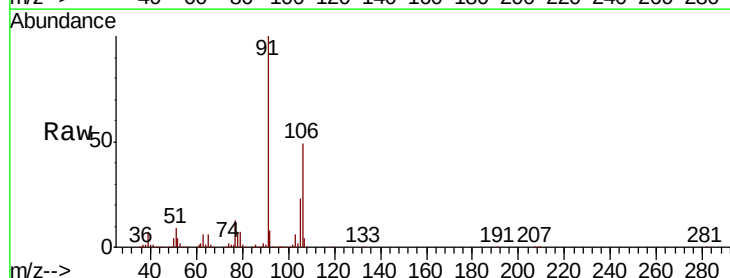
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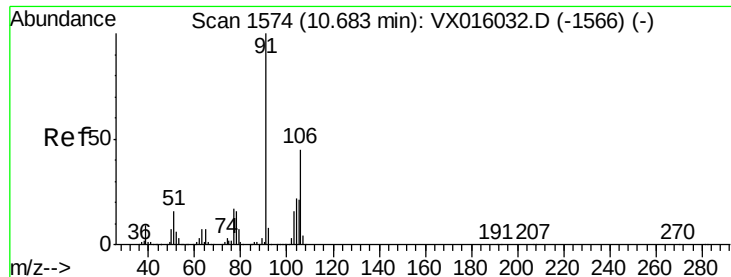
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#68
m/p-Xylenes
Concen: 97.137 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion: 106 Resp: 518061
Ion Ratio Lower Upper
106 100
91 203.0 161.7 242.5





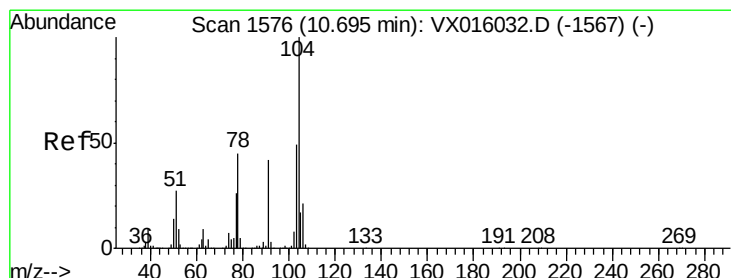
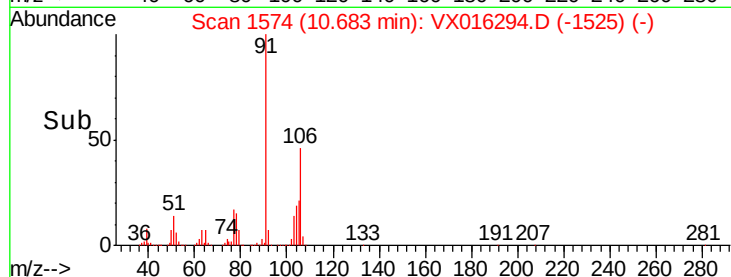
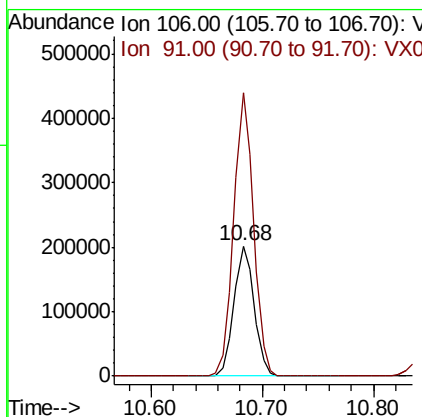
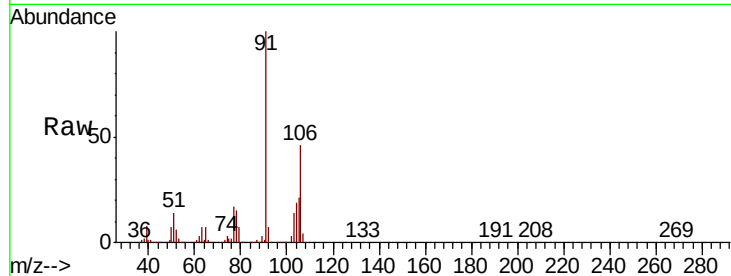
#69
o-Xylene
Concen: 49.216 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		252311		
91	214.2	107.5	322.6		

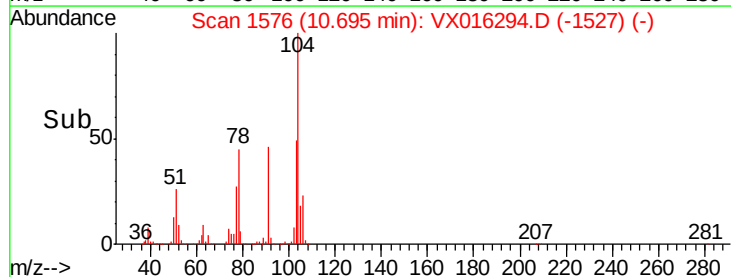
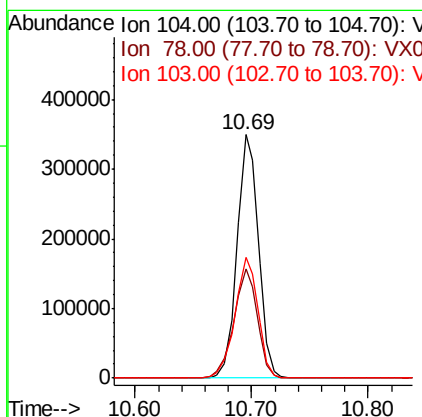
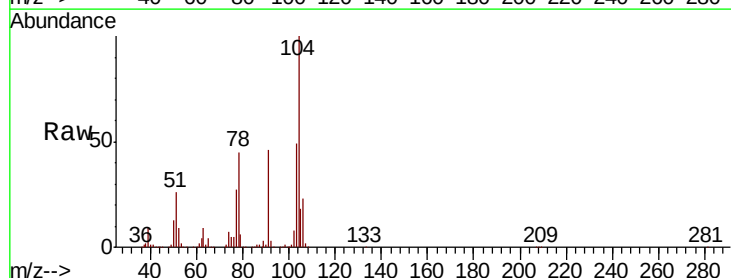
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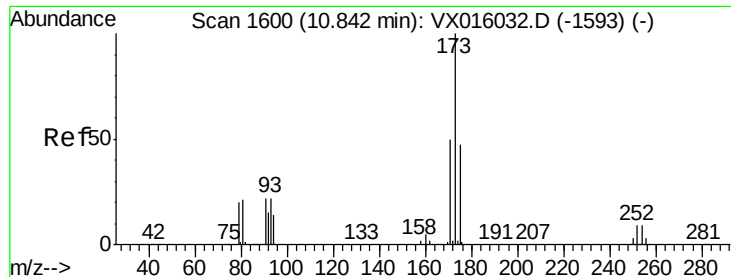
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#70
Styrene
Concen: 51.599 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016294.D
Acq: 15 May 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		448771		
78	49.3	40.2	60.2		
103	53.3	43.0	64.6		





#71

Bromoform

Concen: 54.382 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 130650

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

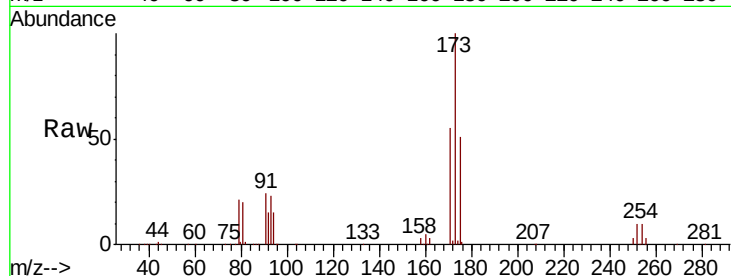
254 0.1 0.1 0.1#

Manual Integrations

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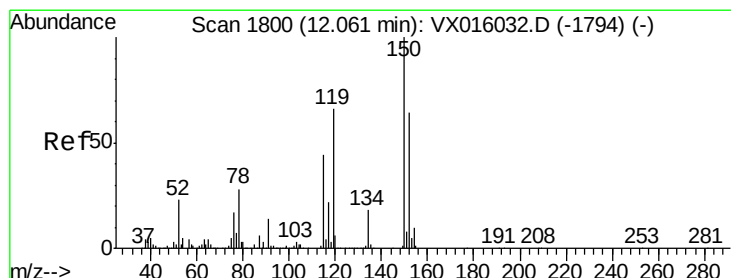
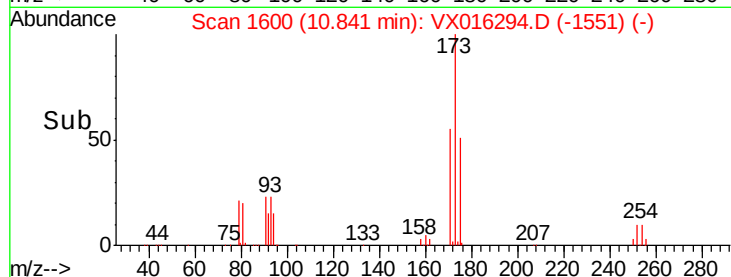
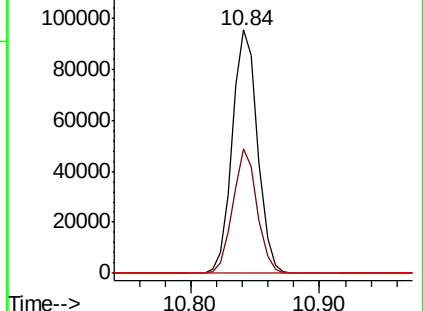
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

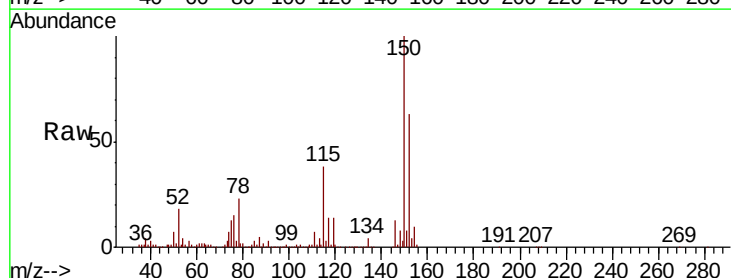
Tgt Ion:152 Resp: 184010

Ion Ratio Lower Upper

152 100

115 77.9 41.3 124.1

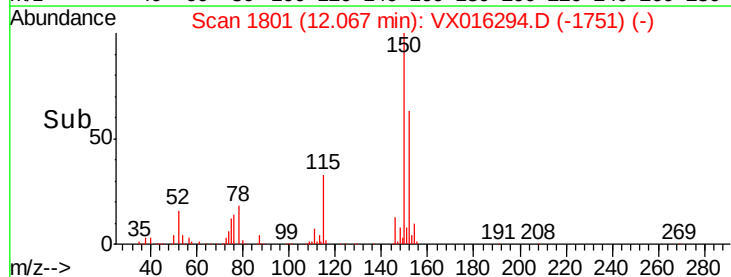
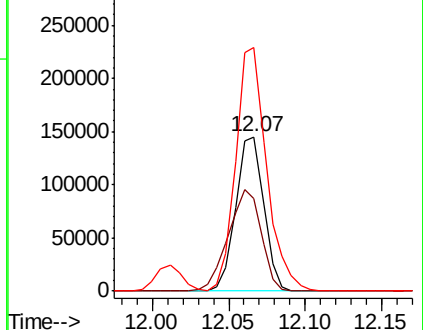
150 173.6 0.0 352.2

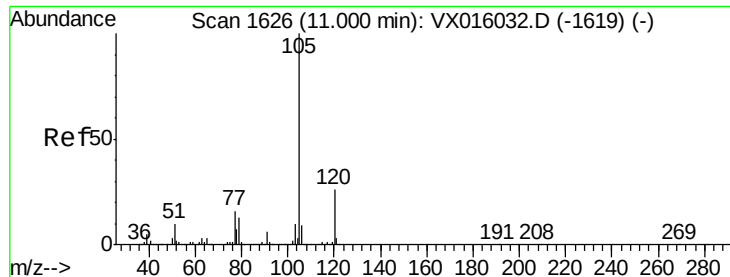


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.162 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 631209

Ion Ratio Lower Upper

105 100

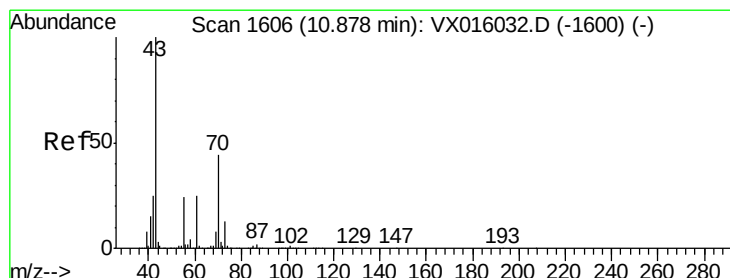
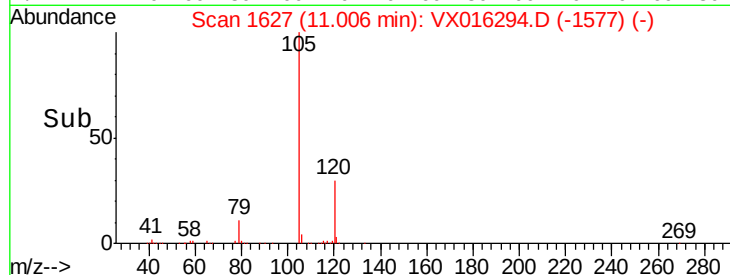
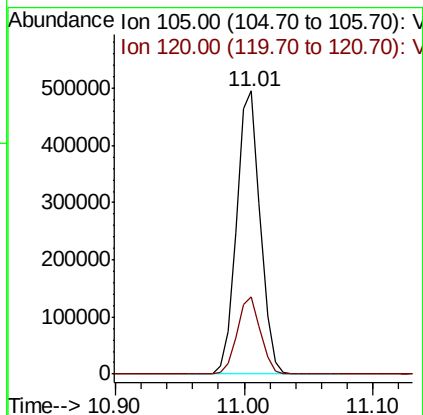
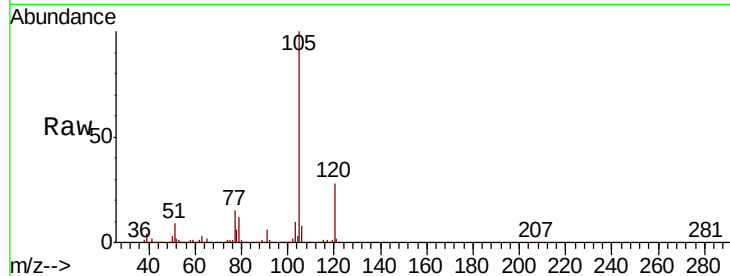
120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 50.799 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion: 43 Resp: 317126

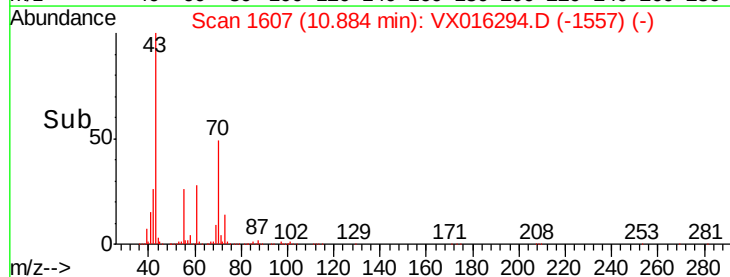
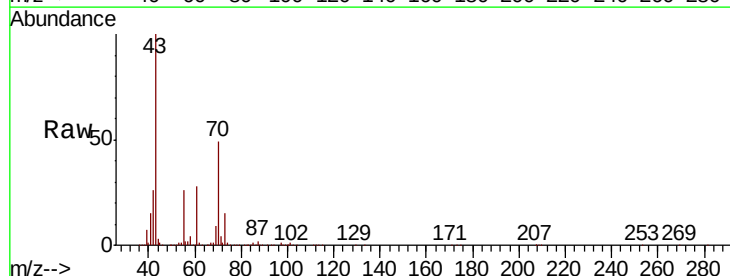
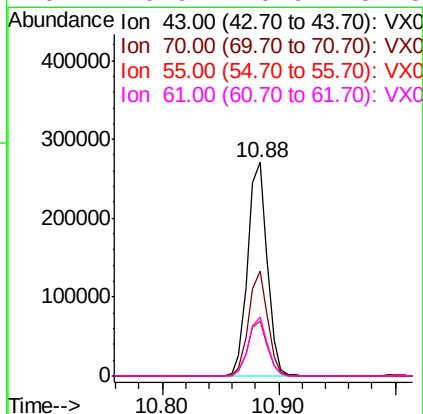
Ion Ratio Lower Upper

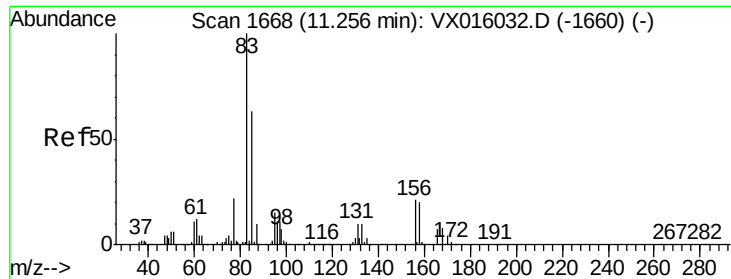
43 100

70 48.0 36.5 54.7

55 25.8 19.7 29.5

61 26.9 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 74.773 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 208533
Ion Ratio Lower Upper

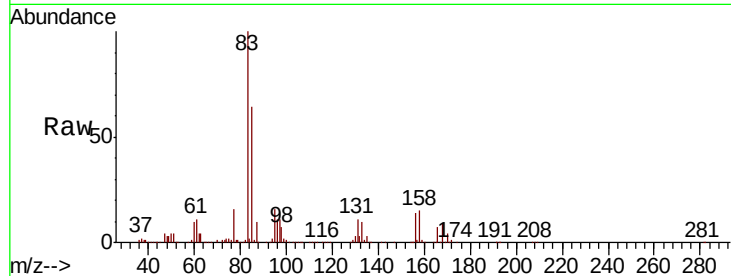
83 100

131 10.3 5.1 15.4

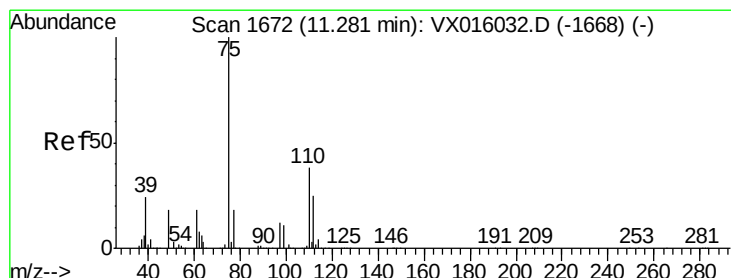
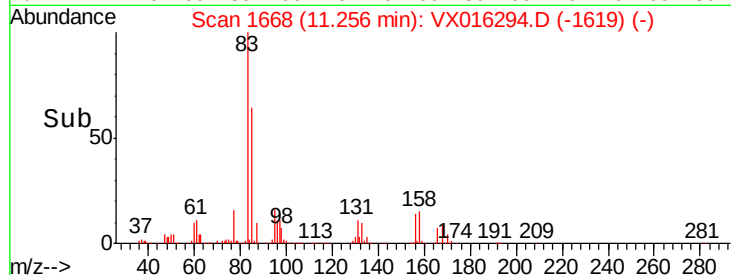
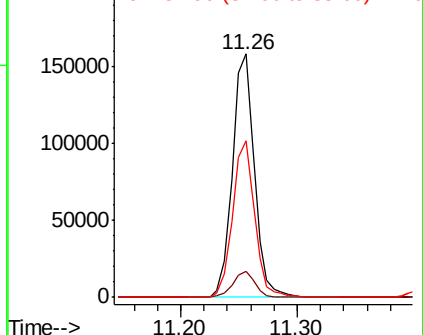
85 64.2 32.0 96.0

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.532 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

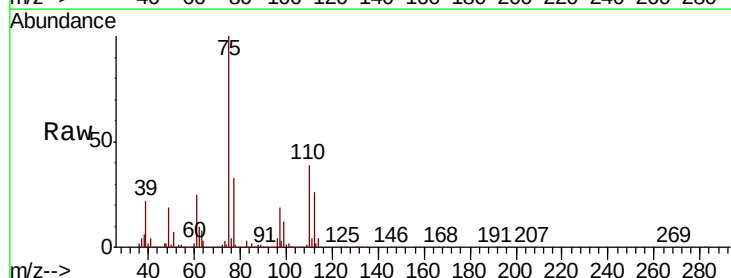
Lab File: VX016294.D

Acq: 15 May 2020 20:21

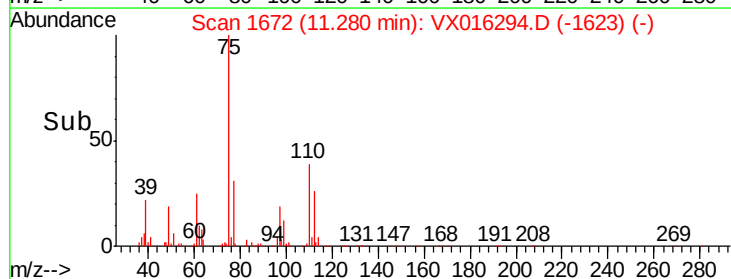
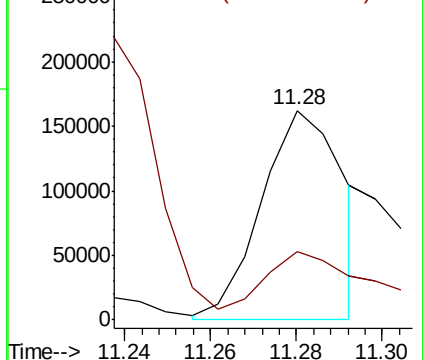
Tgt Ion: 75 Resp: 215177
Ion Ratio Lower Upper

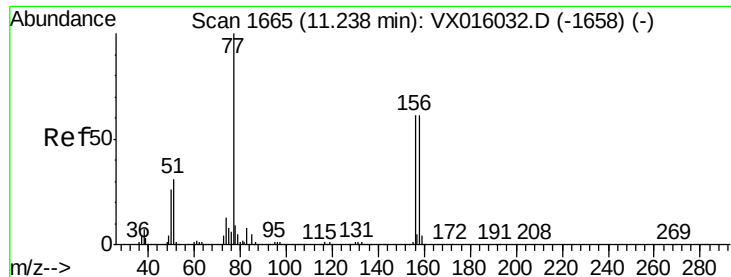
75 100

77 43.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.858 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

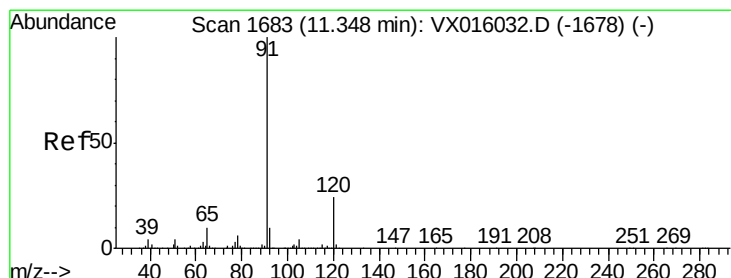
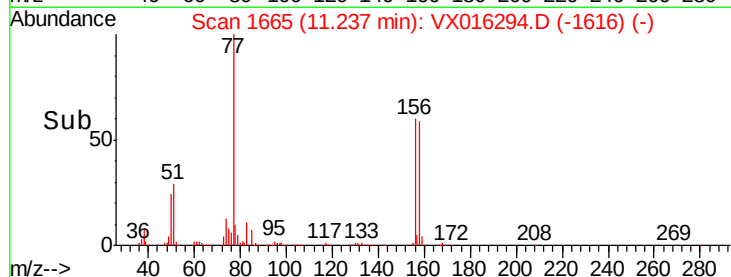
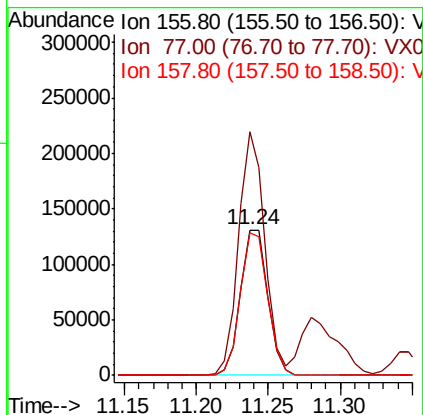
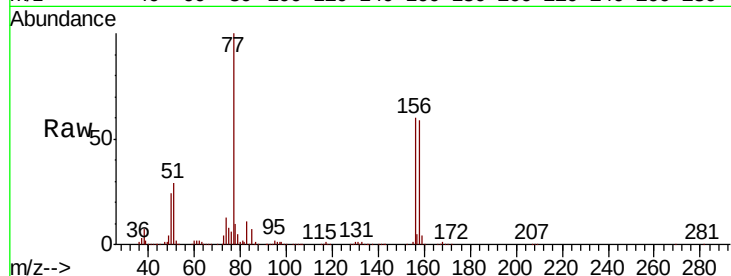
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	172238
Ion Ratio	Lower	Upper	
156	100		
77	160.7	80.1	240.3
158	97.9	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 45.468 ug/l

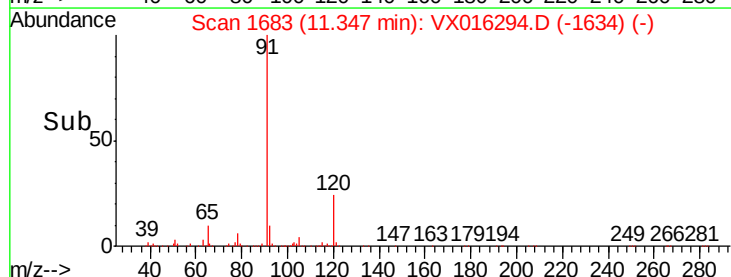
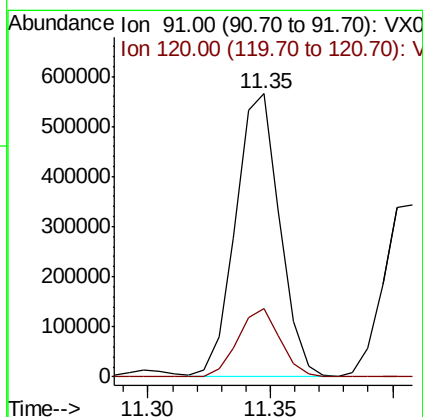
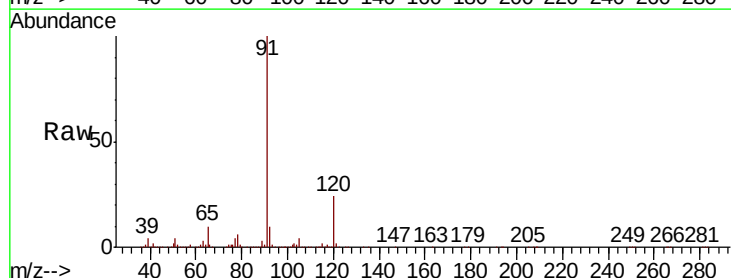
RT: 11.35 min Scan# 1683

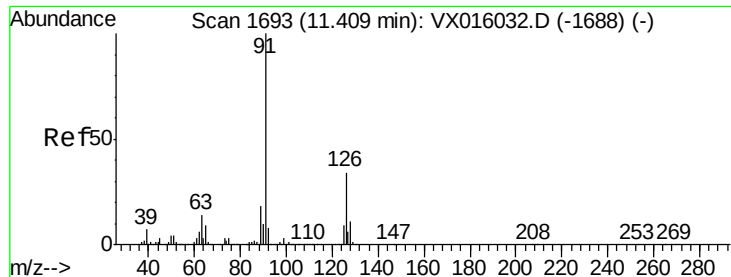
Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	91	Resp:	707938
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





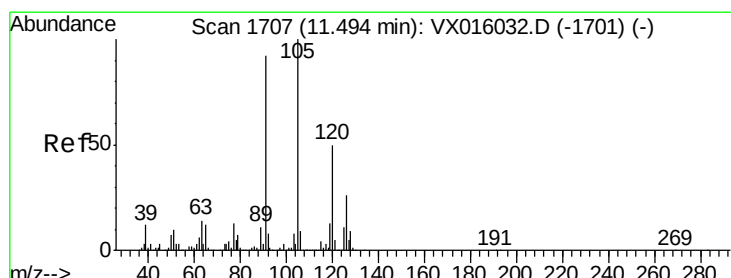
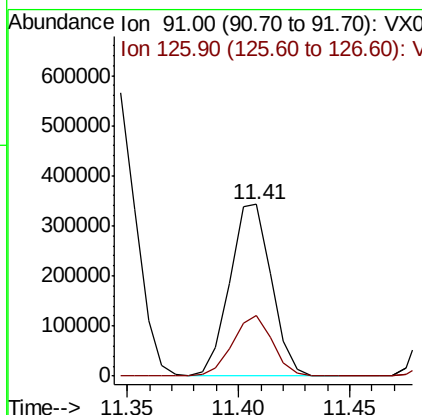
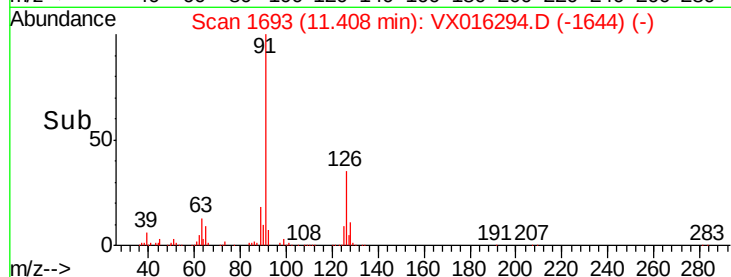
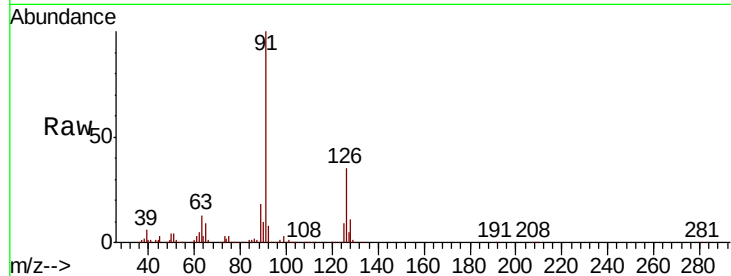
#79
 2-Chlorotoluene
 Concen: 48.724 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6

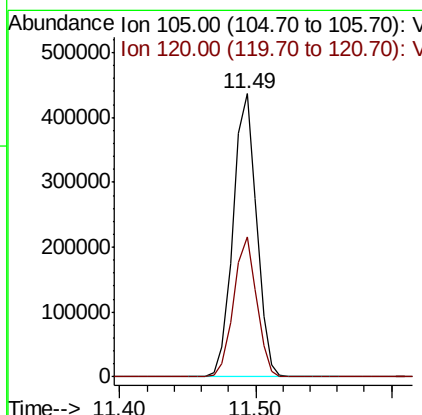
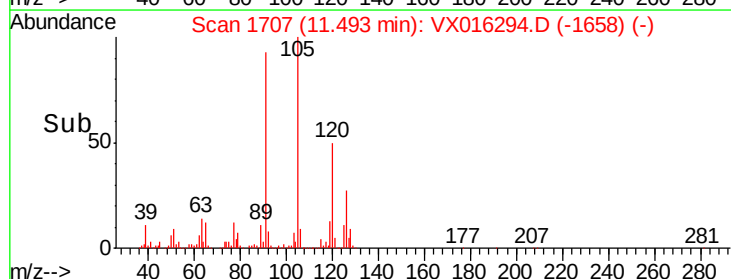
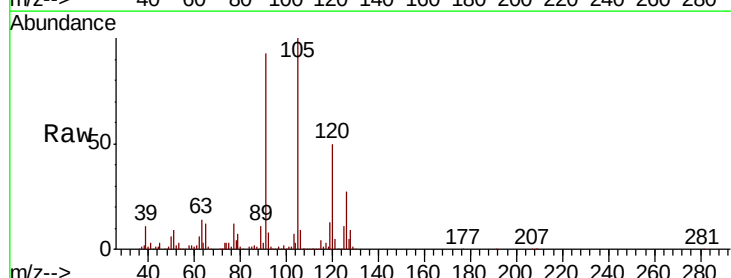
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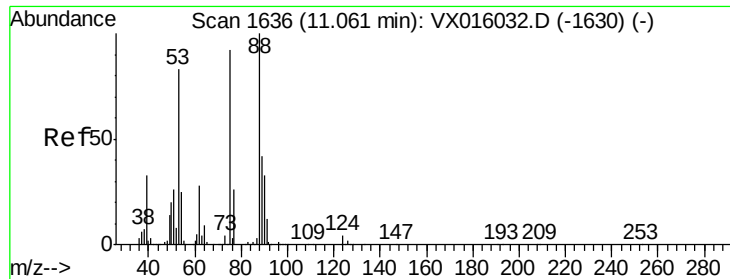
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.267 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.6	74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.757 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

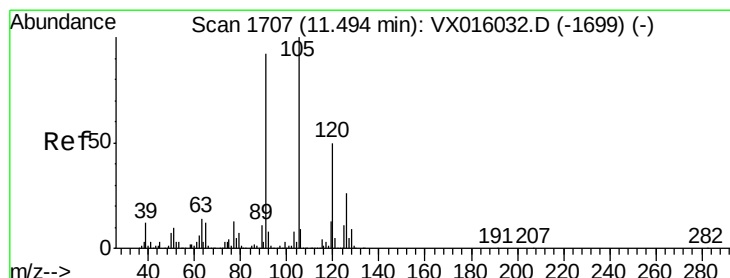
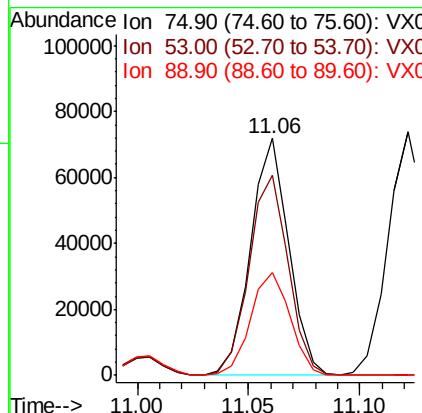
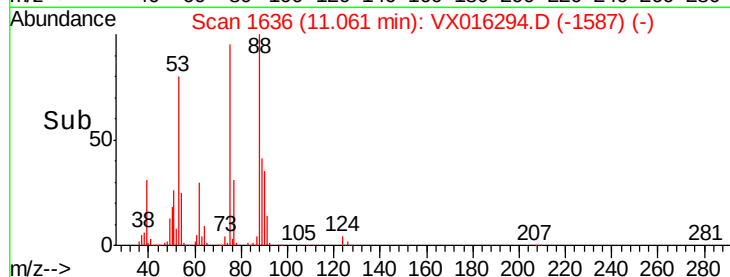
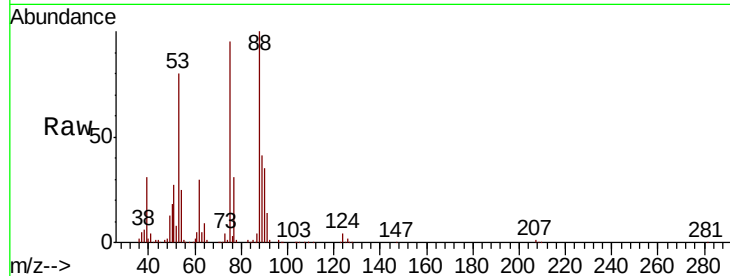
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	85431
Ion	Ratio	Lower	Upper
75	100		
53	87.4	73.1	109.7
89	45.3	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.370 ug/l

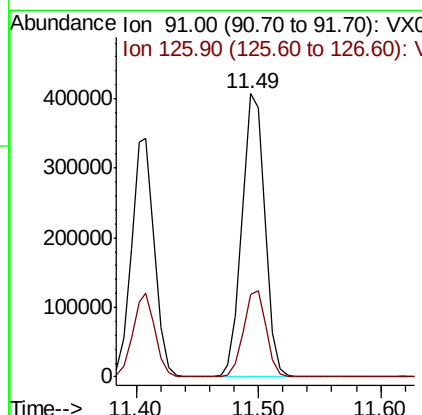
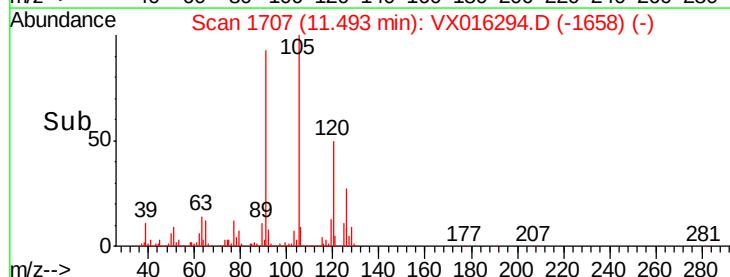
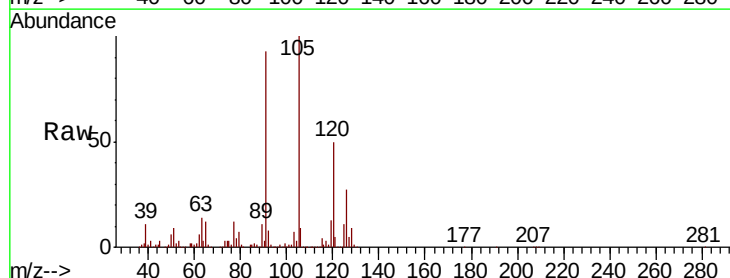
RT: 11.49 min Scan# 1707

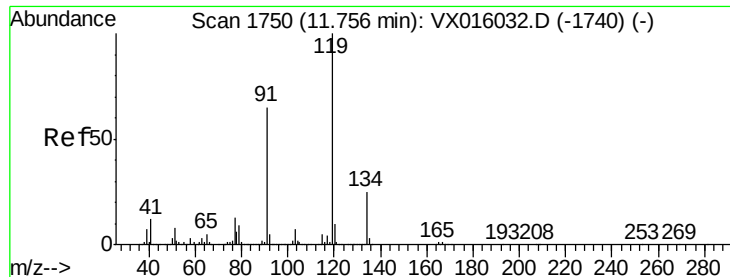
Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	91	Resp:	524957
Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.8	44.3





#83

tert-Butylbenzene

Concen: 46.698 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016294.D

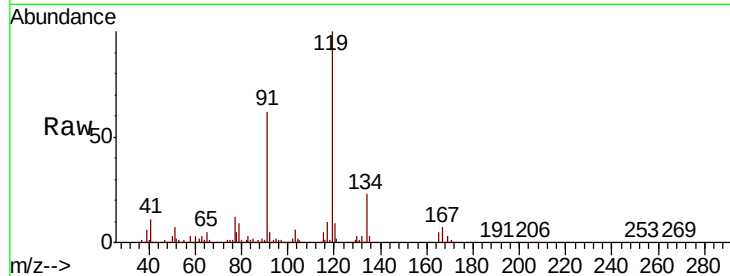
Acq: 15 May 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	454771		
91	60.6	32.8	98.4	
134	23.4	12.4	37.0	

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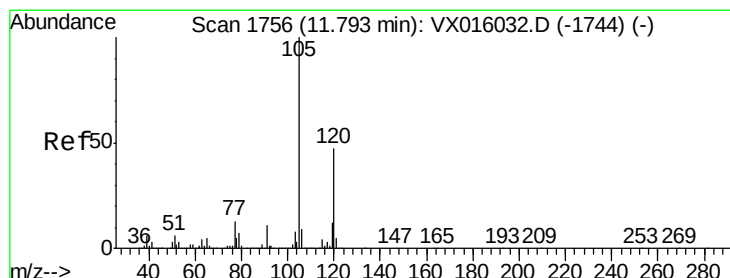
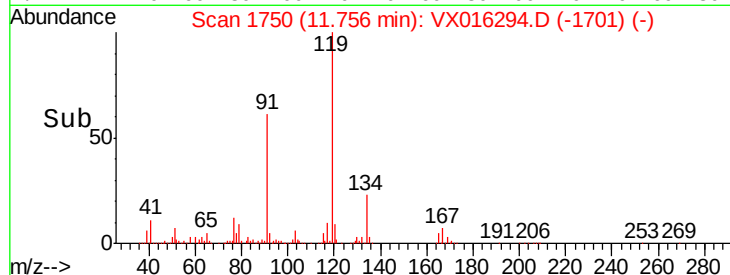
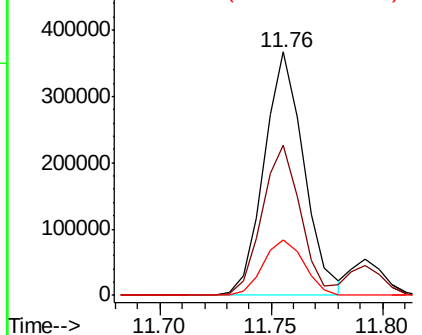


Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 46.133 ug/l

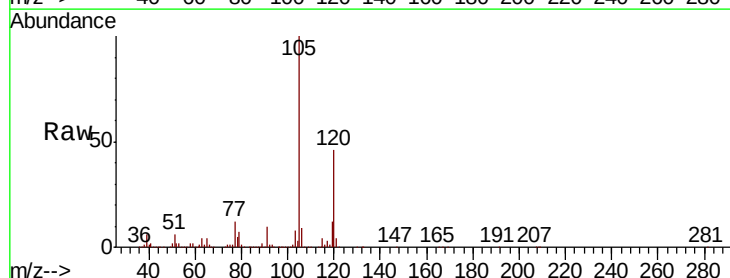
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

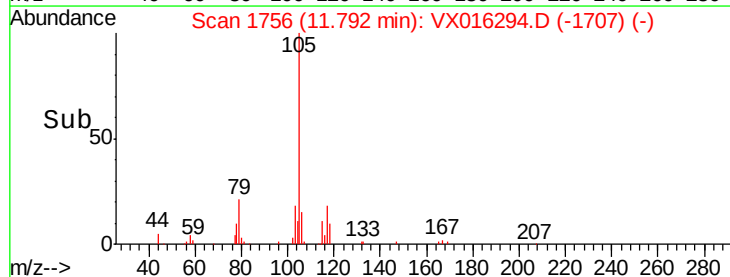
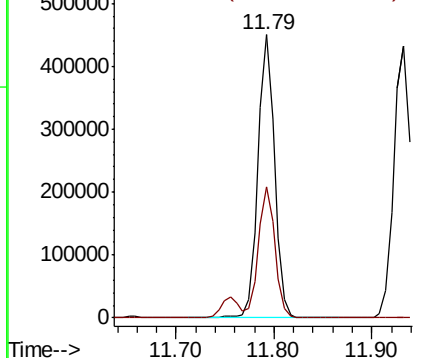
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	527047		
120	46.1	23.0	69.0	

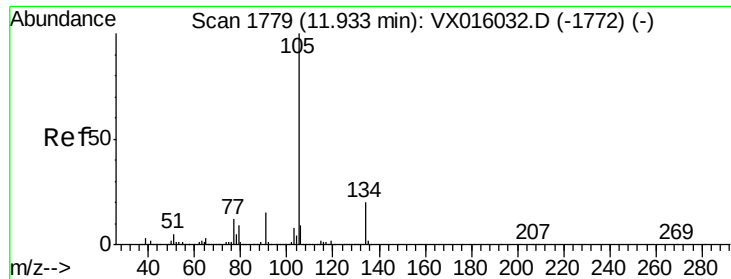


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 39.533 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 519820

Ion Ratio Lower Upper

105 100

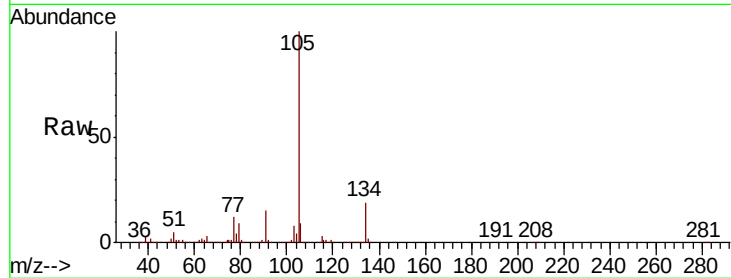
134 19.8 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

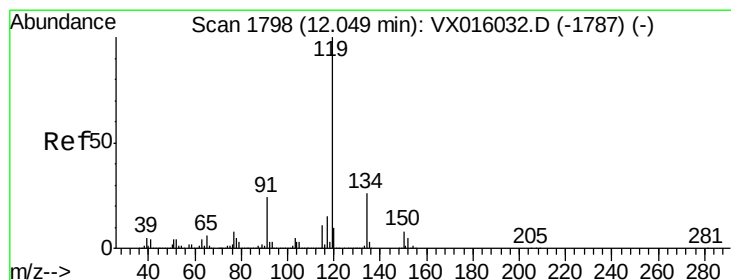
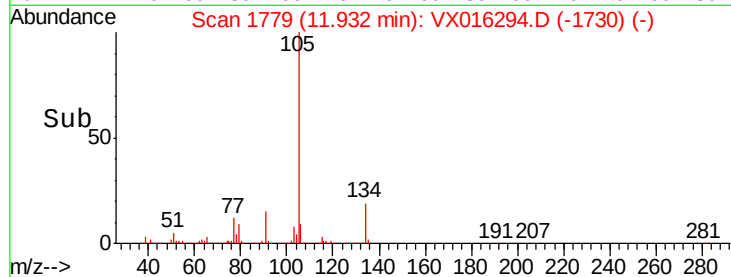
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 39.098 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

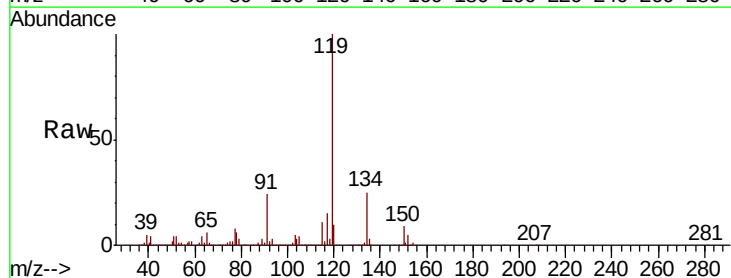
Tgt Ion:119 Resp: 477307

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

400000

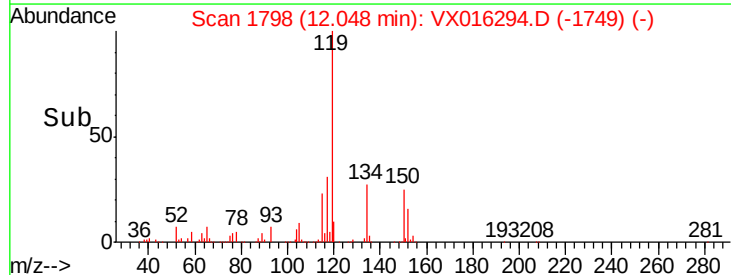
300000

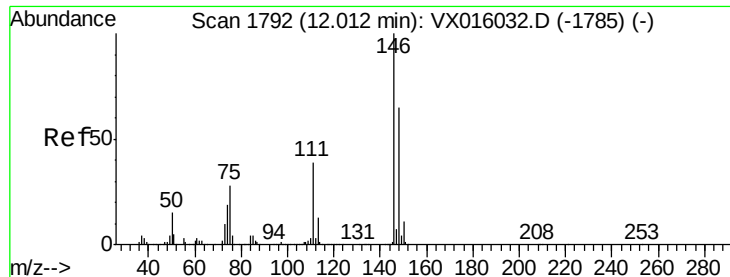
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.206 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

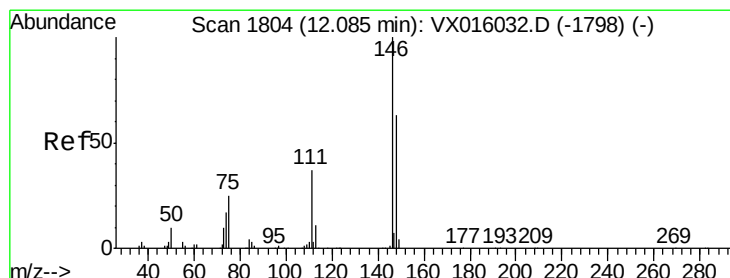
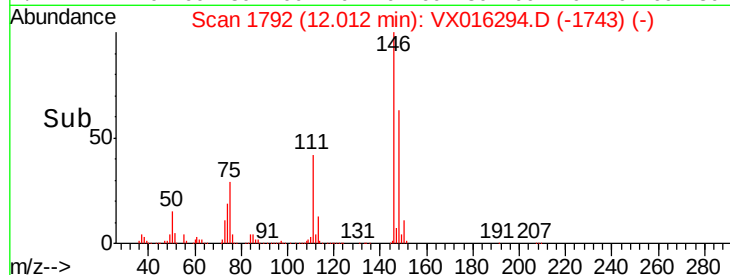
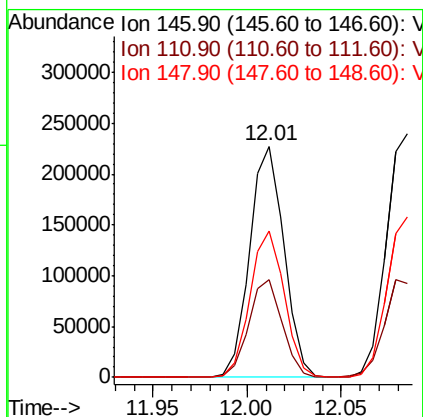
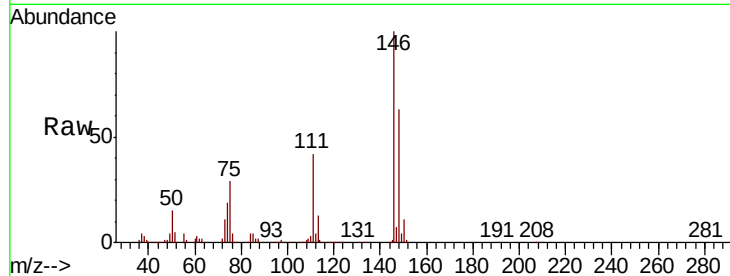
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	286609
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.2	60.6
148	63.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.967 ug/l

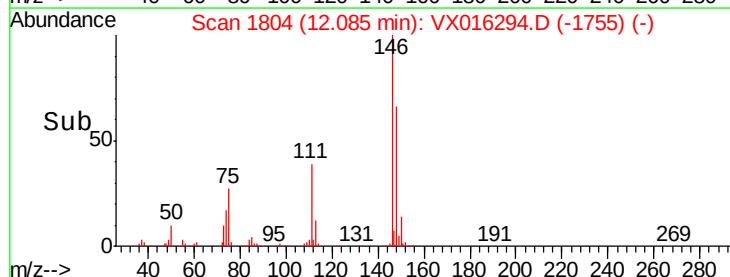
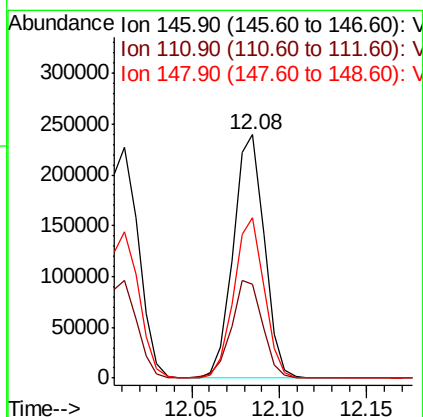
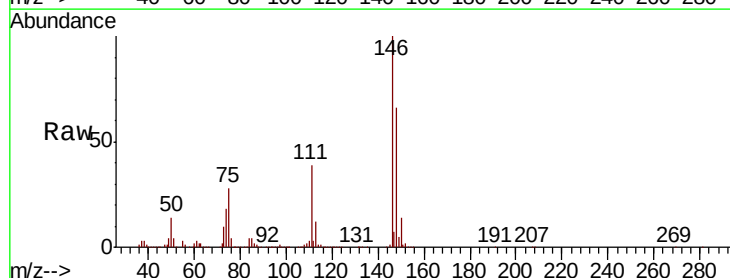
RT: 12.08 min Scan# 1804

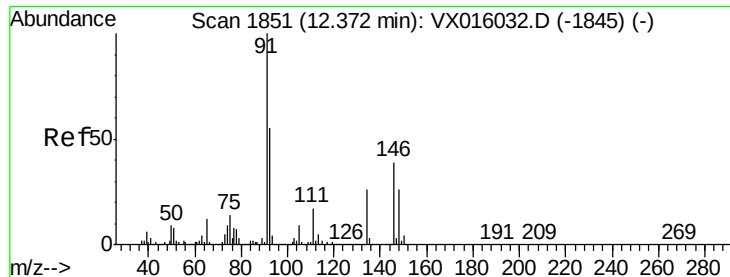
Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	146	Resp:	295691
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.6	58.7
148	64.4	31.8	95.3





#89

n-Butylbenzene

Concen: 35.144 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

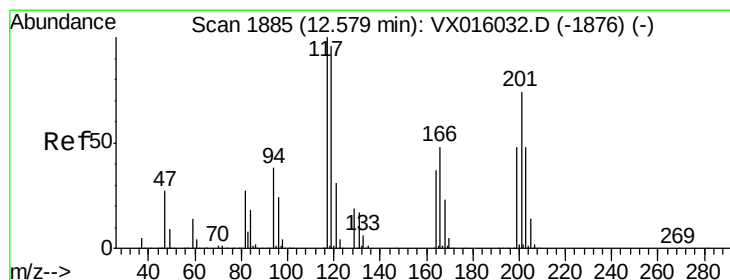
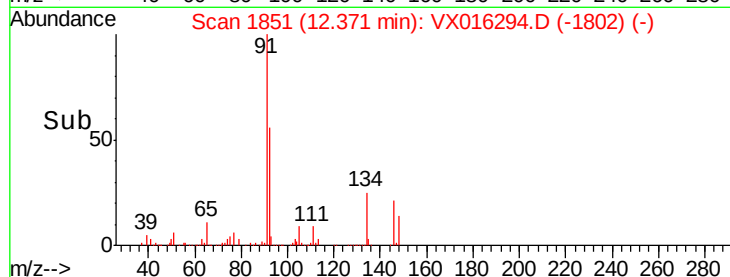
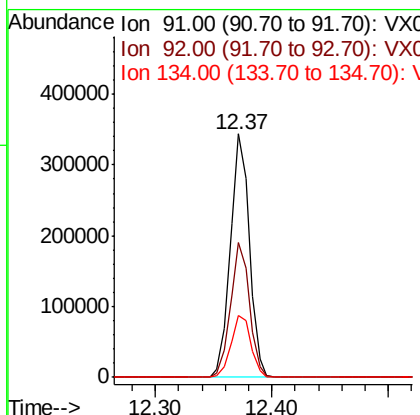
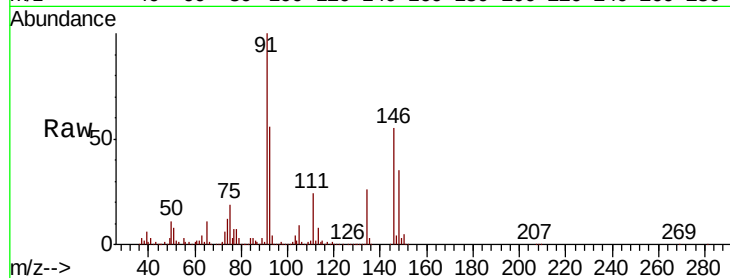
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	391951
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.6	82.7
134	26.4	13.4	40.1

Manual Integrations
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#90

Hexachloroethane

Concen: 41.117 ug/l

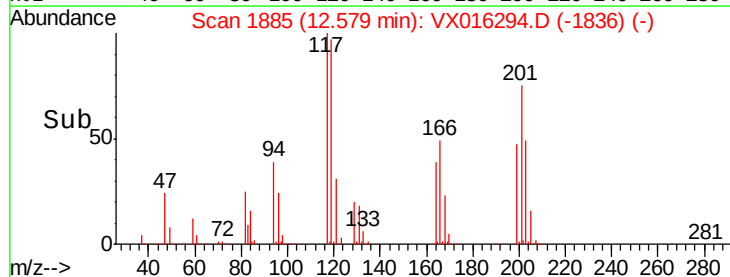
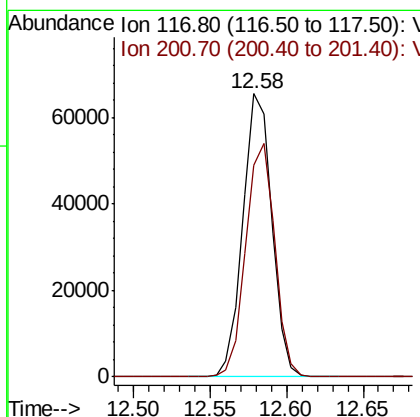
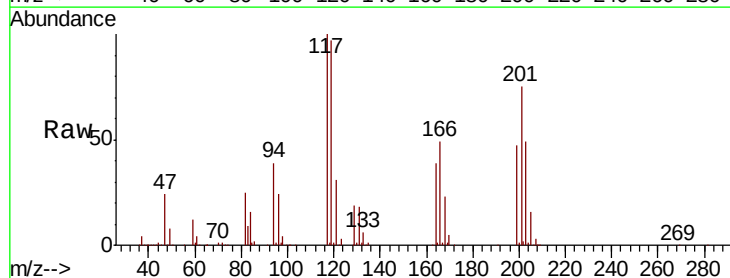
RT: 12.58 min Scan# 1885

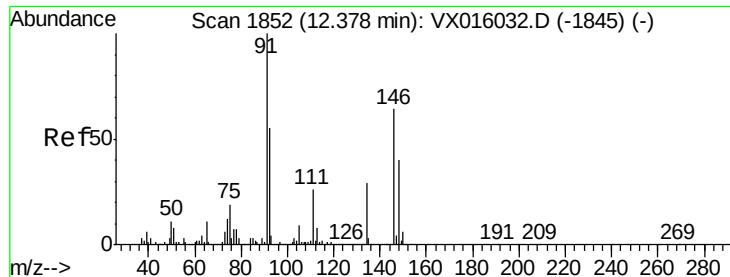
Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	117	Resp:	86208
Ion Ratio	Lower	Upper	
117	100		
201	82.5	39.8	119.3





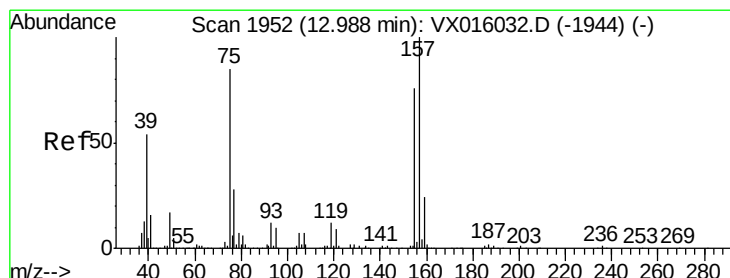
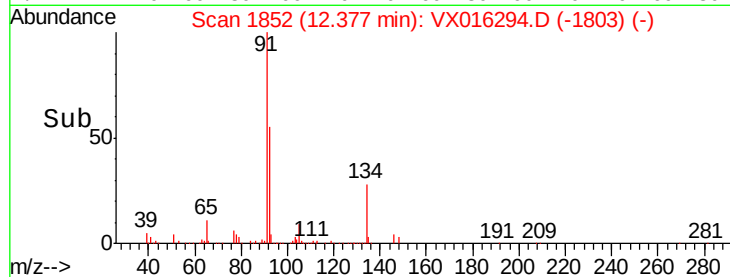
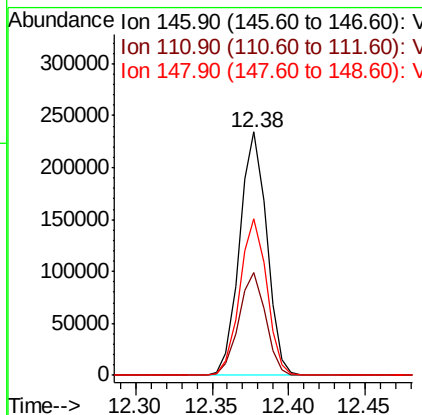
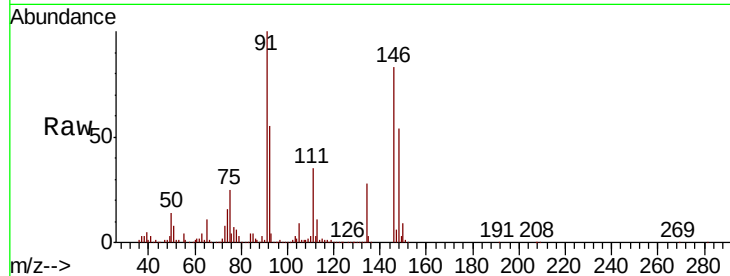
#91
 1,2-Dichlorobenzene
 Concen: 48.207 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	287924		
111	41.7	21.1	63.1	
148	64.1	32.4	97.0	

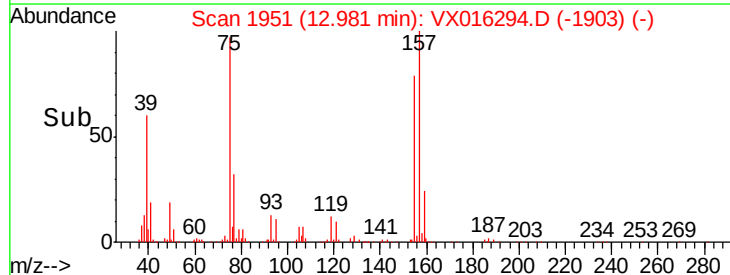
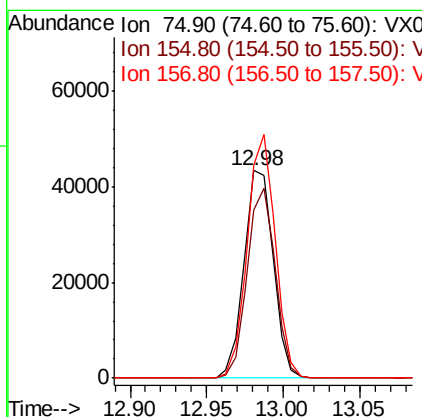
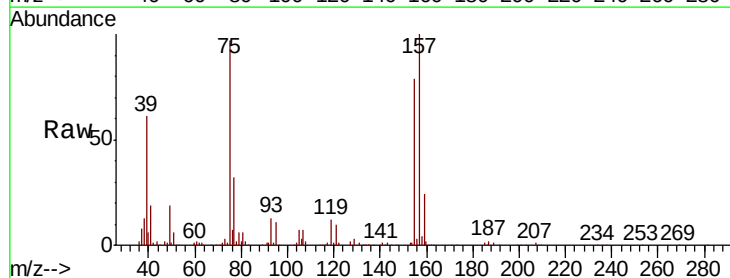
Manual Integrations
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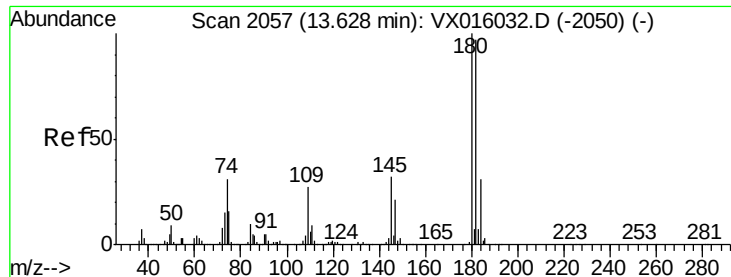
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.603 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57890		
155	87.3	42.5	127.5	
157	111.5	55.3	165.8	





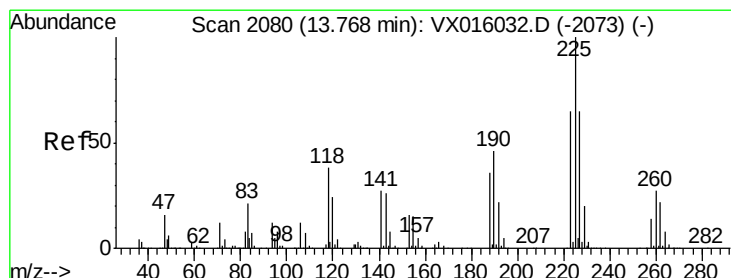
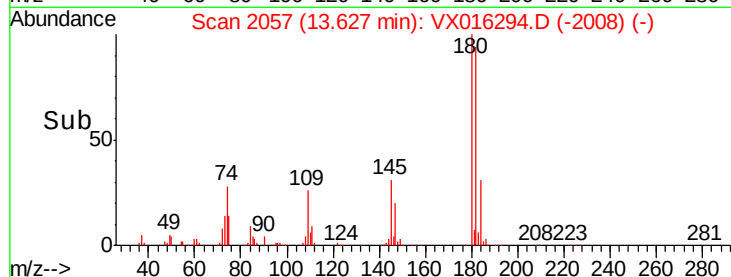
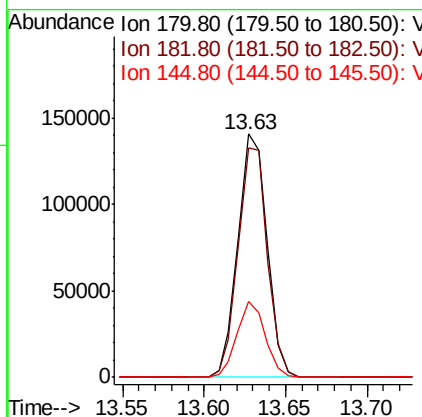
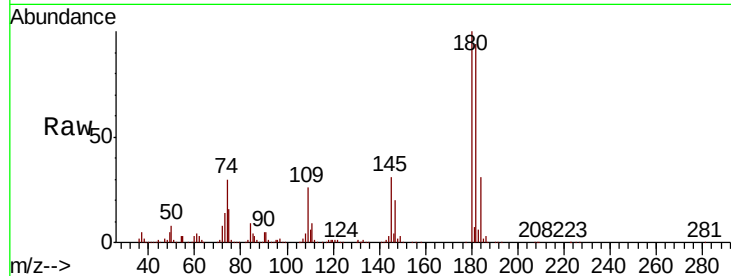
#93
 1,2,4-Trichlorobenzene
 Concen: 39.752 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	175780		
182	95.1	48.7	146.1	
145	30.2	15.7	47.1	

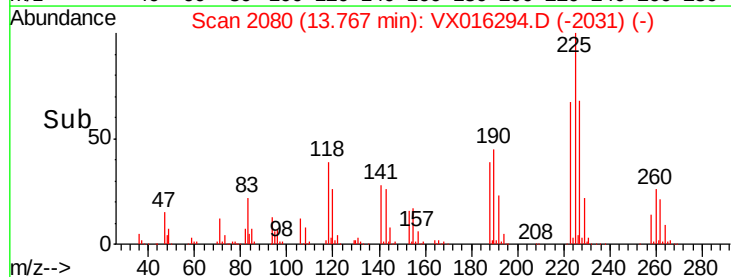
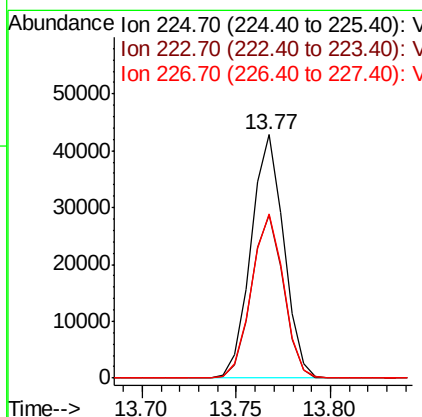
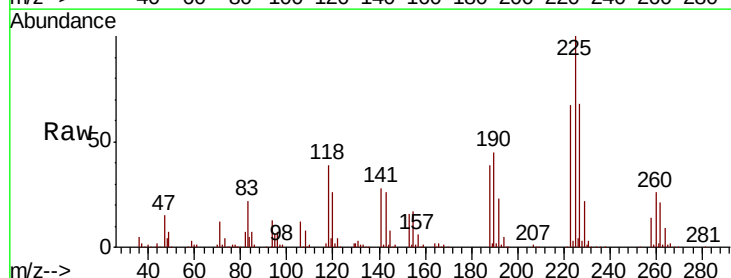
Manual Integrations
 APPROVED

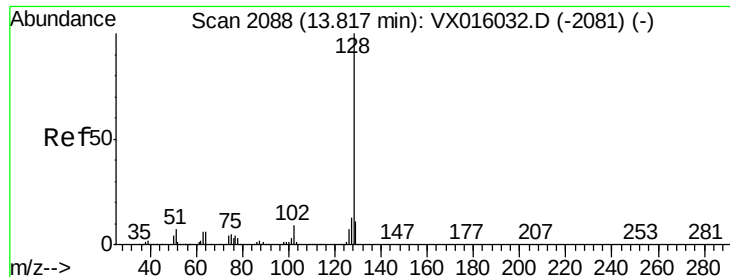
MMDadoda
 5/18/2020 12:52:58 PM



#94
 Hexachlorobutadiene
 Concen: 27.271 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016294.D
 Acq: 15 May 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51469		
223	65.8	32.3	96.9	
227	66.6	31.8	95.4	





#95

Naphthalene

Concen: 47.178 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Instrument :

MSVOA_X

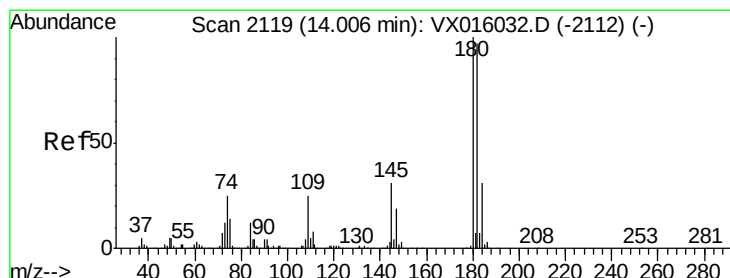
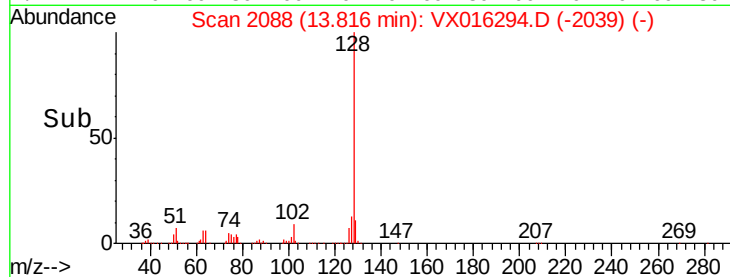
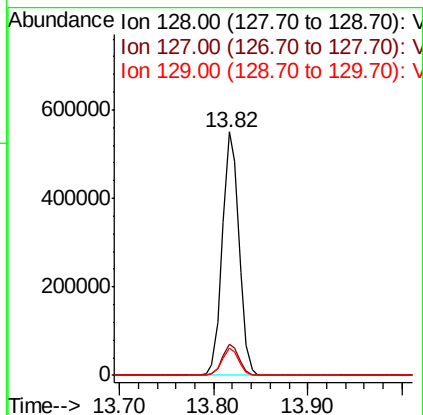
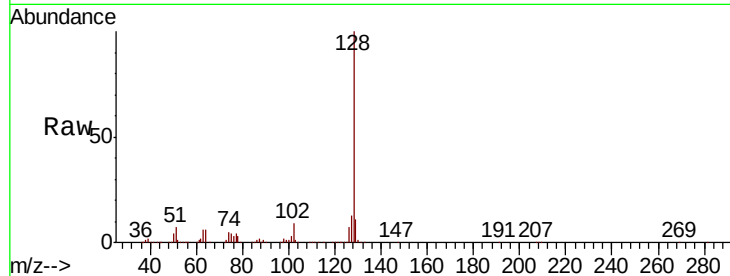
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	675505
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/18/2020 12:52:58 PM



#96

1,2,3-Trichlorobenzene

Concen: 39.490 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016294.D

Acq: 15 May 2020 20:21

Tgt Ion:	180	Resp:	170662
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.4	145.0
145	32.9	16.4	49.1

