

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016839.D
 Acq On : 18 Jun 2020 11:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 6/19/2020 12:49:31 PM

Quant Time: Jun 18 12:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	386032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	363388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	17274	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	5.47	113	13685	5.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.42%	
50) Toluene-d8	8.70	98	52451	5.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.76%	
62) 4-Bromofluorobenzene	11.12	95	19668	5.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	12337	4.598	ug/l	97
3) Chloromethane	1.31	50	15218	5.340	ug/l	94
4) Vinyl Chloride	1.39	62	17632	5.626	ug/l	96
5) Bromomethane	1.62	94	13318	6.792	ug/l	95
6) Chloroethane	1.71	64	11360	5.952	ug/l	100
7) Trichlorofluoromethane	1.92	101	26228	5.921	ug/l	100
8) Diethyl Ether	2.17	74	10473	5.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	15251	6.737	ug/l	96
10) Methyl Iodide	2.49	142	10157	3.707	ug/l	100
11) Tert butyl alcohol	3.01	59	13678	19.735	ug/l	98
12) 1,1-Dichloroethene	2.36	96	15277	5.926	ug/l	94
13) Acrolein	2.27	56	9523	28.659	ug/l	92
14) Allyl chloride	2.70	41	20326	5.197	ug/l	99
15) Acrylonitrile	3.11	53	31683	21.992	ug/l	98
16) Acetone	2.42	43	33706	26.334	ug/l	98
17) Carbon Disulfide	2.55	76	43208	6.022	ug/l	98
18) Methyl Acetate	2.75	43	13555	3.968	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	40637	4.763	ug/l	98
20) Methylene Chloride	2.84	84	14167	5.022	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	13586	5.030	ug/l	94
22) Diisopropyl ether	3.82	45	36655	4.977	ug/l	99
23) Vinyl Acetate	3.78	43	150216	23.678	ug/l	100
24) 1,1-Dichloroethane	3.67	63	23124	5.015	ug/l	98
25) 2-Butanone	4.64	43	40934	21.284	ug/l	100
26) 2,2-Dichloropropane	4.54	77	22005	5.155	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	15294	4.951	ug/l	98
28) Bromochloromethane	4.98	49	9835	5.013	ug/l	98
29) Tetrahydrofuran	5.09	42	25531	20.511	ug/l	99
30) Chloroform	5.17	83	24479	5.019	ug/l	95
31) Cyclohexane	5.54	56	18985	5.456	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	23036	5.205	ug/l	97
36) 1,1-Dichloropropene	5.76	75	18184	5.341	ug/l	95
37) Ethyl Acetate	4.79	43	16262	4.448	ug/l	98
38) Carbon Tetrachloride	5.75	117	20394	5.275	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	19772	5.363	ug/l	96
40) Benzene	6.12	78	53881	5.191	ug/l	96
41) Methacrylonitrile	5.01	41	8574	4.375	ug/l	96
42) 1,2-Dichloroethane	6.16	62	19657	5.192	ug/l	99
43) Isopropyl Acetate	6.41	43	26393	4.508	ug/l	99
44) Trichloroethene	7.19	130	17935	5.420	ug/l	97
45) 1,2-Dichloropropane	7.49	63	13392	5.229	ug/l	91
46) Dibromomethane	7.64	93	9199	4.968	ug/l	98
47) Bromodichloromethane	7.87	83	19031	4.933	ug/l	95
48) Methyl methacrylate	7.74	41	12090	4.406	ug/l	97
49) 1,4-Dioxane	7.71	88	5541	82.367	ug/l #	91
51) 4-Methyl-2-Pentanone	8.62	43	77216	21.717	ug/l	99
52) Toluene	8.76	92	34348	5.086	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	20342	4.681	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	25994	5.713	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	14232	5.192	ug/l	96
56) Ethyl methacrylate	9.16	69	18587	4.517	ug/l	97
57) 1,3-Dichloropropane	9.35	76	26815	5.803	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	45045	22.774	ug/l	99
59) 2-Hexanone	9.47	43	74861	27.434	ug/l	99
60) Dibromochloromethane	9.56	129	18172	5.602	ug/l	98
61) 1,2-Dibromoethane	9.65	107	16900	5.719	ug/l	100
64) Tetrachloroethene	9.32	164	19679	5.708	ug/l	91
65) Chlorobenzene	10.12	112	38202	5.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	14773	5.096	ug/l	98
67) Ethyl Benzene	10.24	91	62817	5.101	ug/l	100
68) m/p-Xylenes	10.34	106	47323	10.171	ug/l	100
69) o-Xylene	10.68	106	22582	5.051	ug/l	98
70) Styrene	10.70	104	37482	4.852	ug/l	99
71) Bromoform	10.84	173	12104	4.923	ug/l #	96
73) Isopropylbenzene	11.00	105	62012	4.835	ug/l	99
74) N-amyl acetate	10.88	43	21095	4.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	18337	4.884	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	19448m	4.796	ug/l	
77) Bromobenzene	11.24	156	17697	4.884	ug/l	99
78) n-propylbenzene	11.34	91	70019	5.000	ug/l	99
79) 2-Chlorotoluene	11.40	91	44180	4.999	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	55157	5.104	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	6740	4.213	ug/l	97
82) 4-Chlorotoluene	11.49	91	55015	5.295	ug/l	100
83) tert-Butylbenzene	11.76	119	55623	5.594	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	56061	5.125	ug/l	100
85) sec-Butylbenzene	11.93	105	66121	5.711	ug/l	100
86) p-Isopropyltoluene	12.05	119	56533	5.077	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	34273	5.557	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	32883	5.166	ug/l	95
89) n-Butylbenzene	12.37	91	43088	4.670	ug/l	98
90) Hexachloroethane	12.58	117	10067	4.867	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	30229	4.940	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4385	4.231	ug/l	94

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

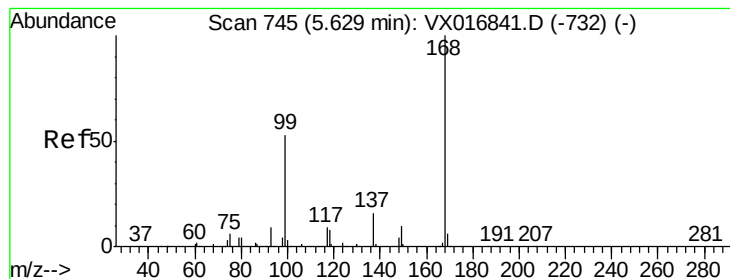
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 18 12:21:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	18715	4.287	ug/l	95
94) Hexachlorobutadiene	13.76	225	8864	4.543	ug/l	96
95) Naphthalene	13.82	128	56426	4.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	19411	4.473	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. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 256568

Ion Ratio Lower Upper

168 100

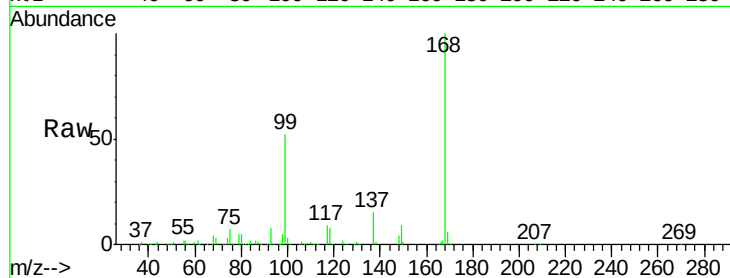
99 51.6 42.2 63.2

Manual Integrations

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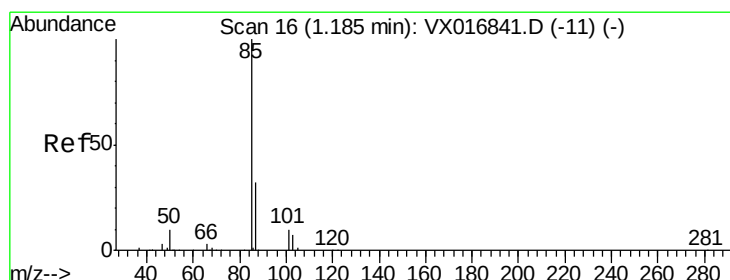
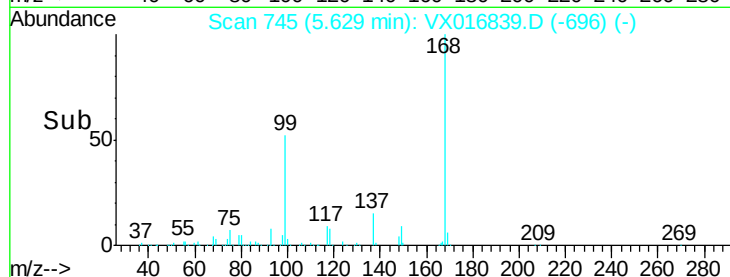
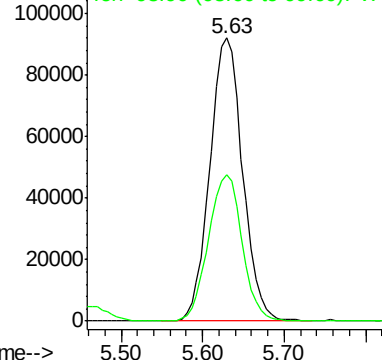
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.598 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016839.D

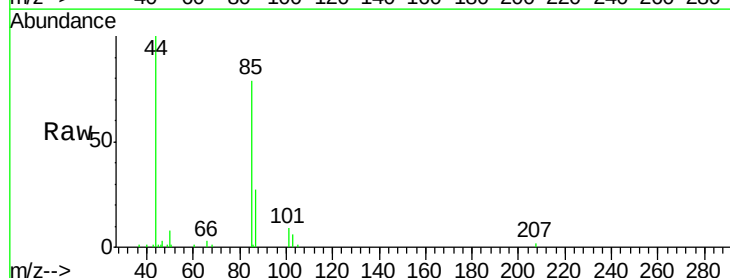
Acq: 18 Jun 2020 11:02

Tgt Ion: 85 Resp: 12337

Ion Ratio Lower Upper

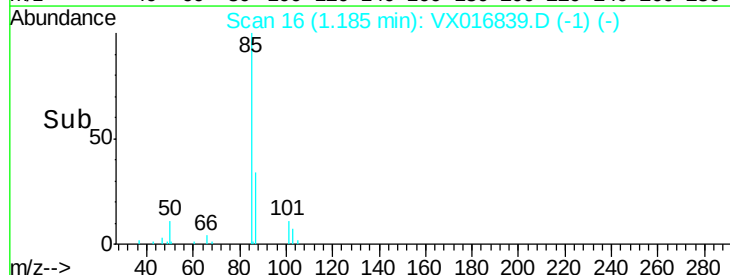
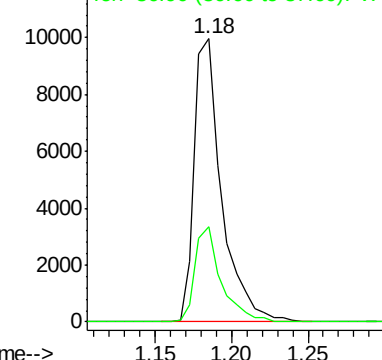
85 100

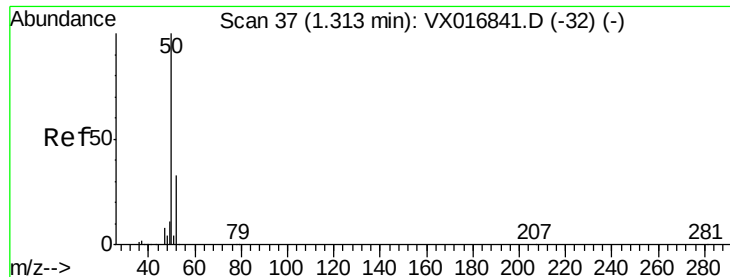
87 33.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.340 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15218

Ion Ratio Lower Upper

50 100

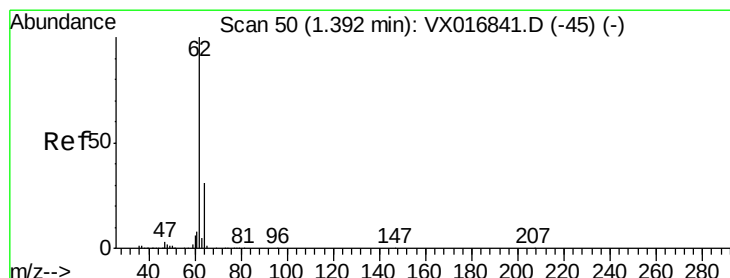
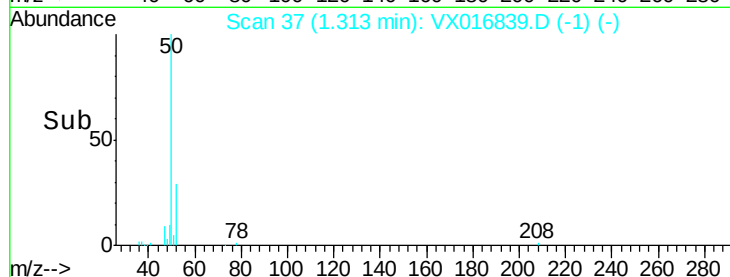
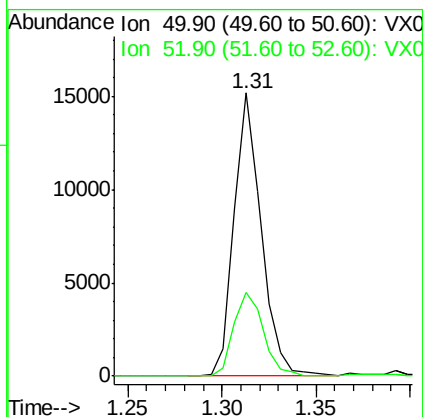
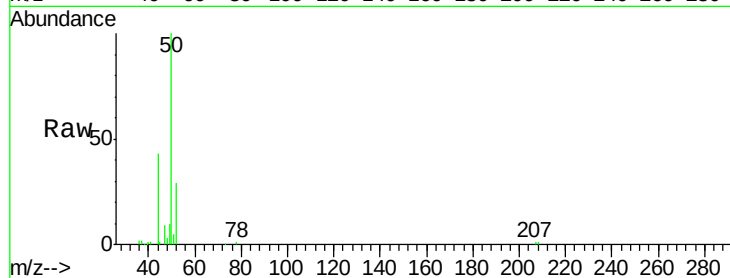
52 29.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 5.626 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016839.D

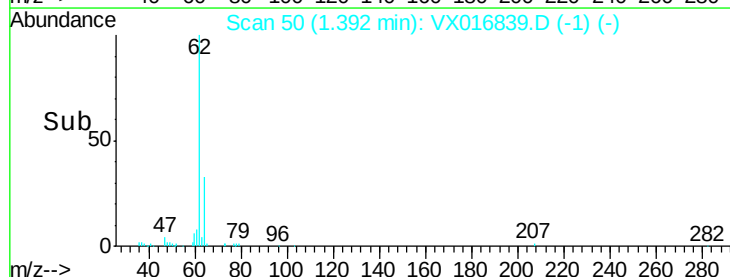
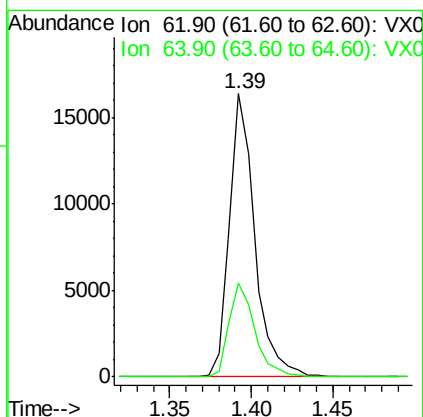
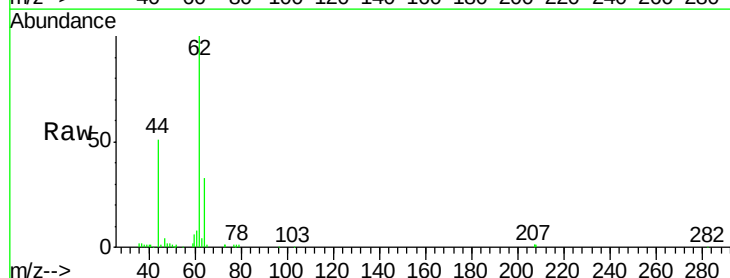
Acq: 18 Jun 2020 11:02

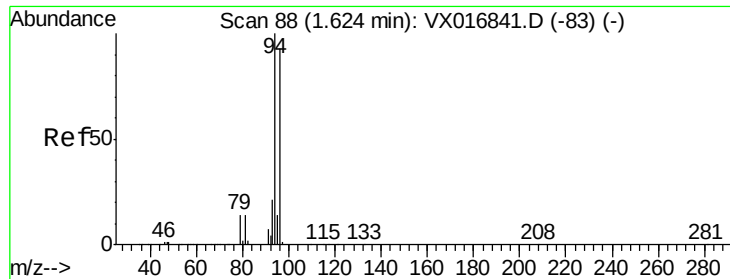
Tgt Ion: 62 Resp: 17632

Ion Ratio Lower Upper

62 100

64 33.1 25.0 37.4





#5

Bromomethane

Concen: 6.792 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 13318

Ion Ratio Lower Upper

94 100

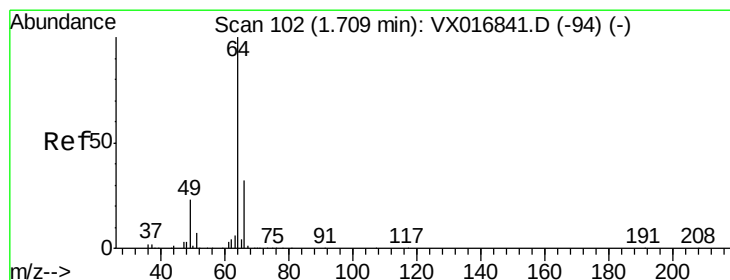
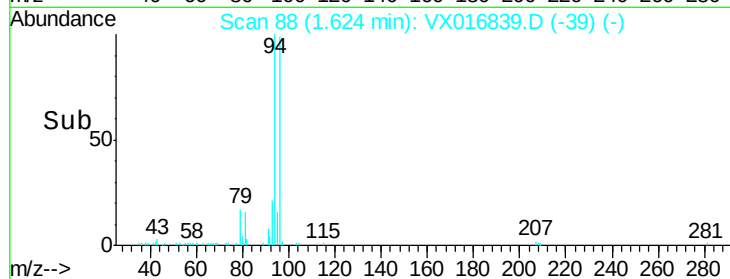
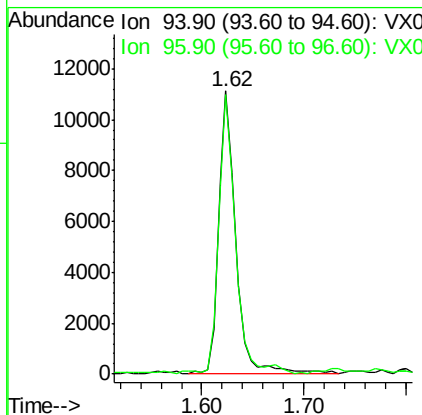
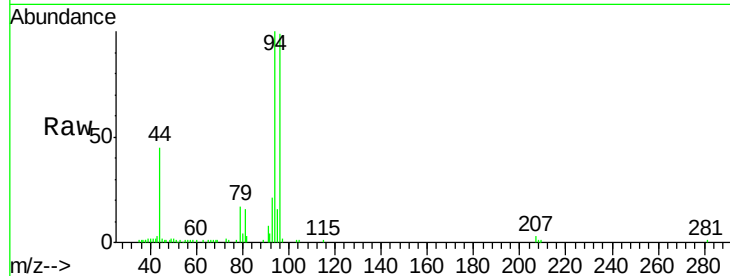
96 97.7 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 5.952 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016839.D

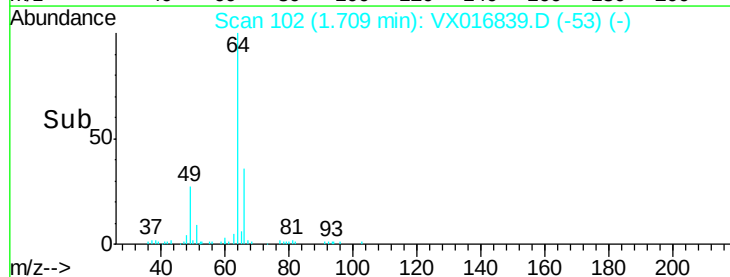
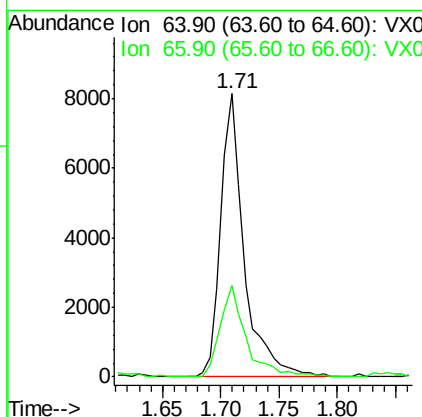
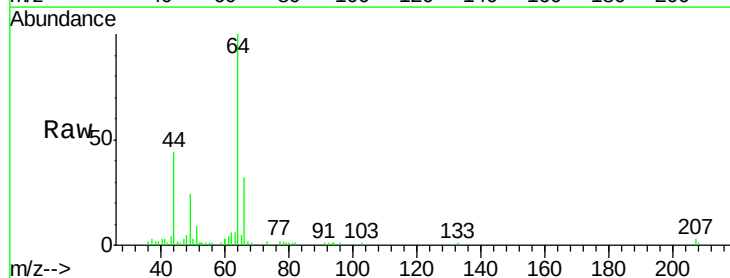
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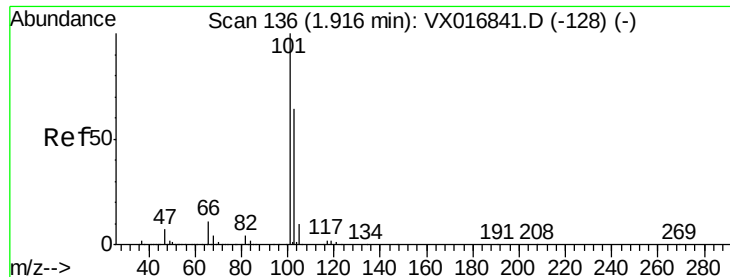
Tgt Ion: 64 Resp: 11360

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

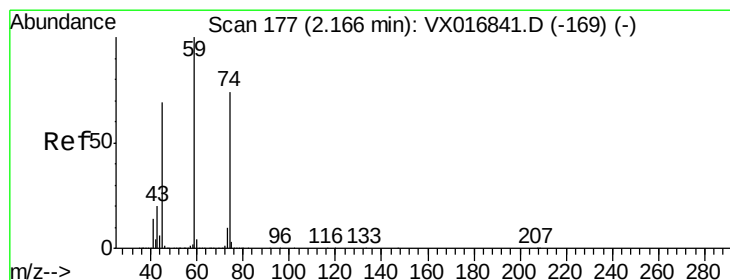
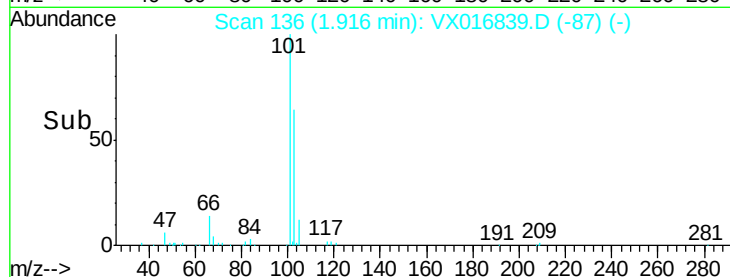
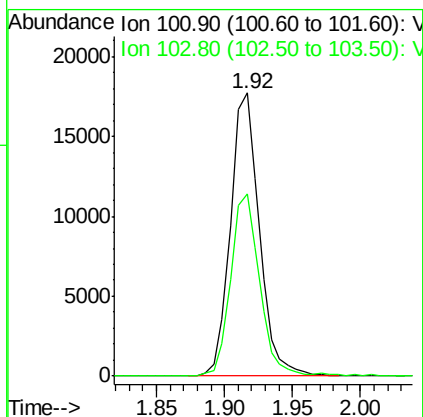
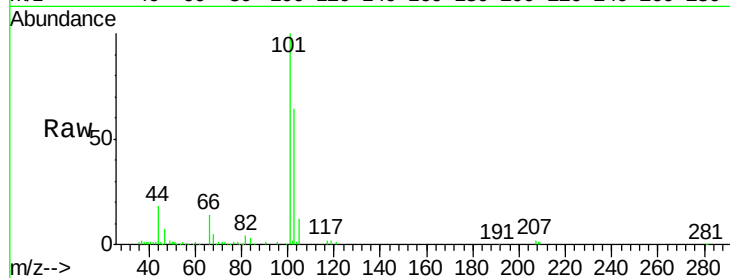
Trichlorofluoromethane
Concen: 5.921 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

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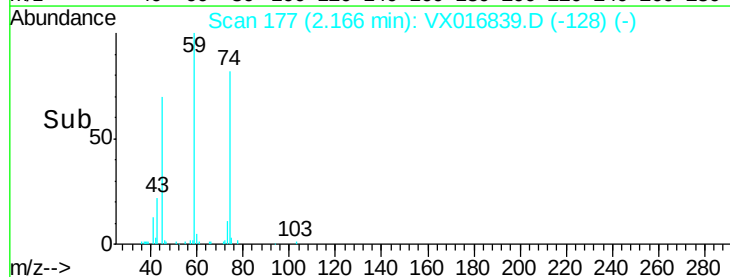
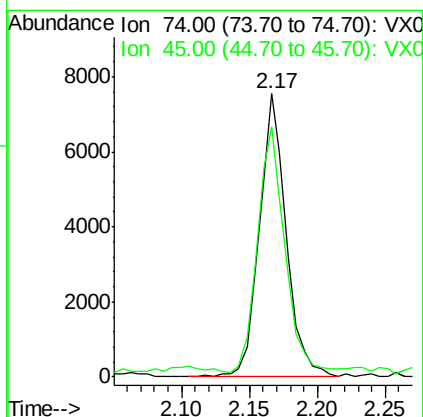
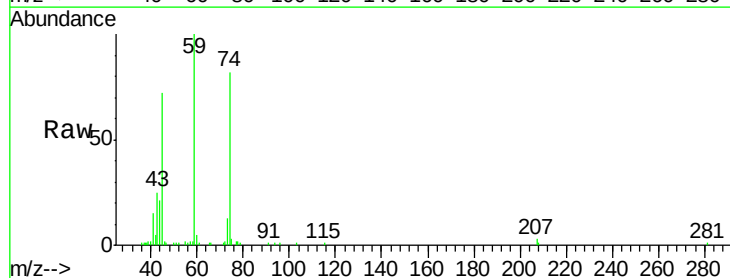
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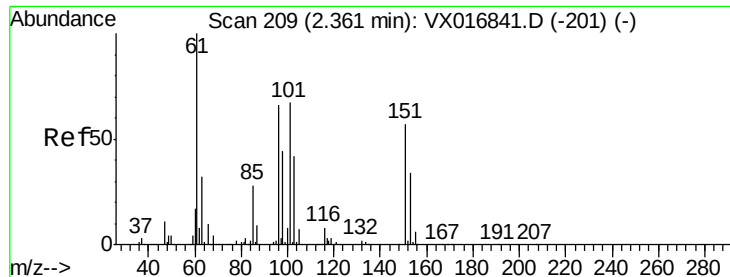


#8

Diethyl Ether
Concen: 5.777 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.737 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

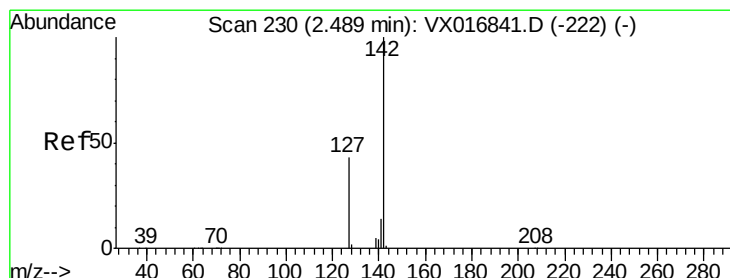
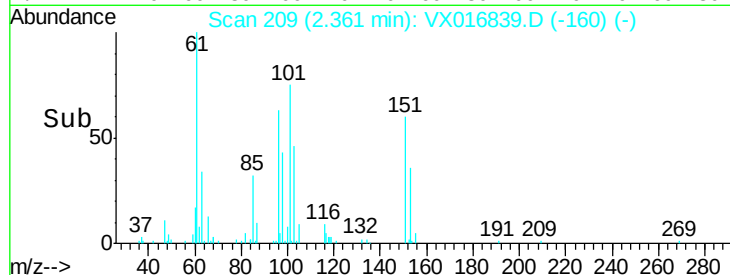
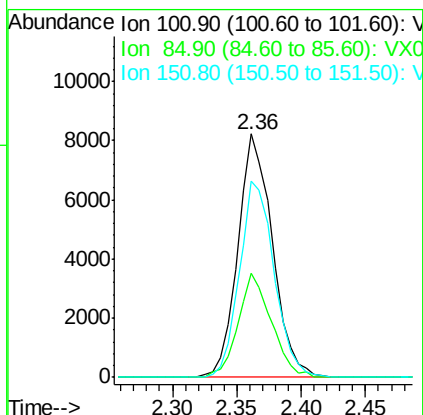
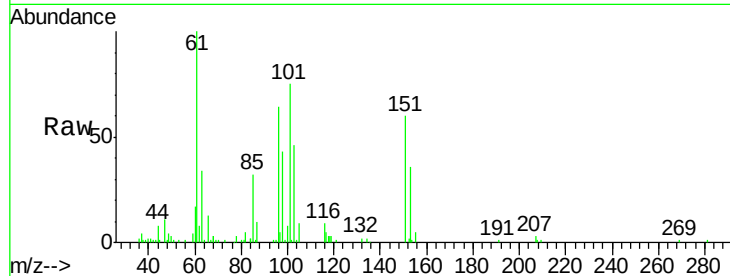
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15251
Ion Ratio	Lower	Upper	
101	100		
85	41.1	34.3	51.5
151	80.9	67.6	101.4

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#10

Methyl Iodide

Concen: 3.707 ug/l

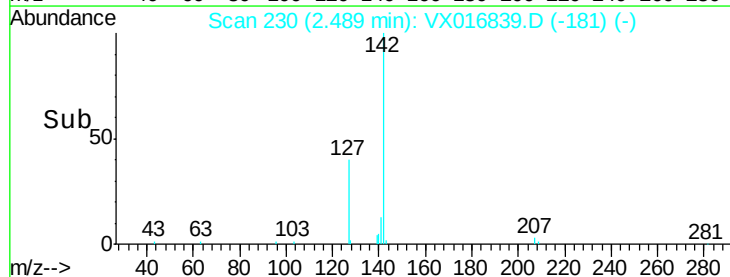
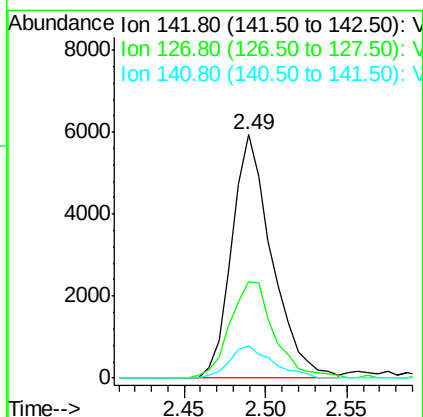
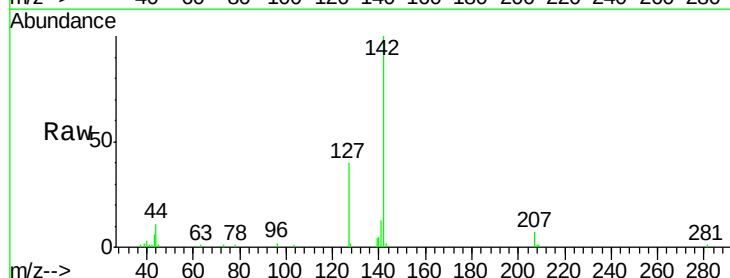
RT: 2.49 min Scan# 230

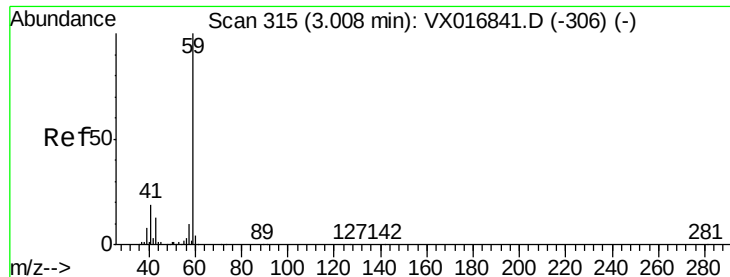
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	142	Resp:	10157
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.1	52.7
141	14.3	11.6	17.4





#11

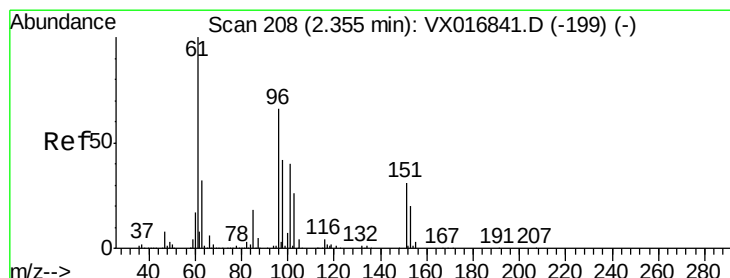
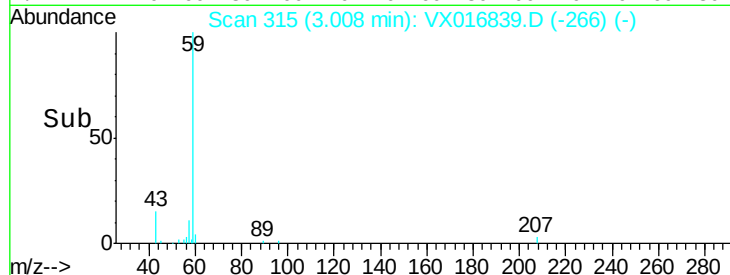
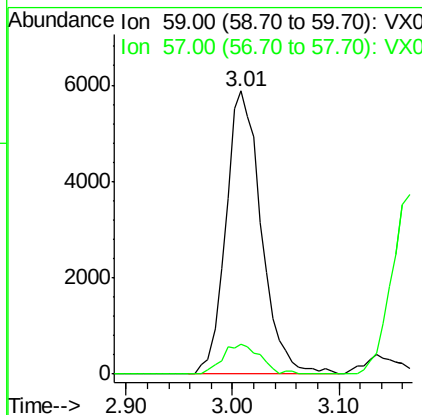
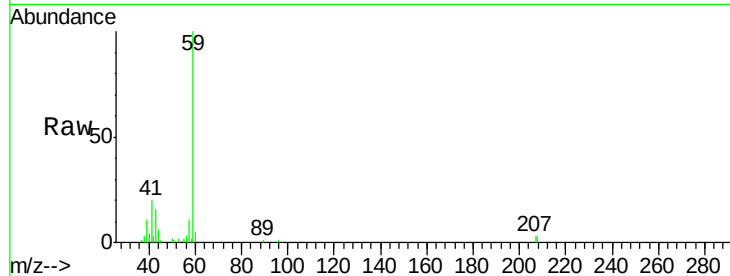
Tert butyl alcohol
Concen: 19.735 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	59	Resp	13678
Ion Ratio	100	Lower	Upper
57	11.2	8.4	12.6

Manual Integrations
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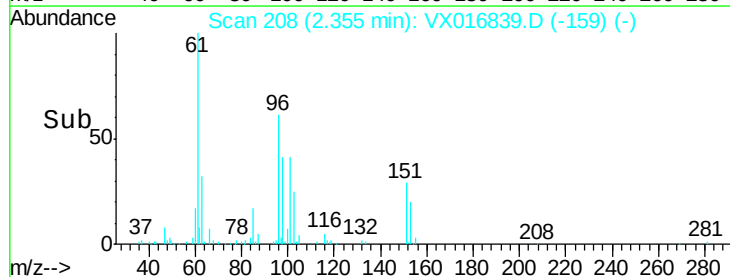
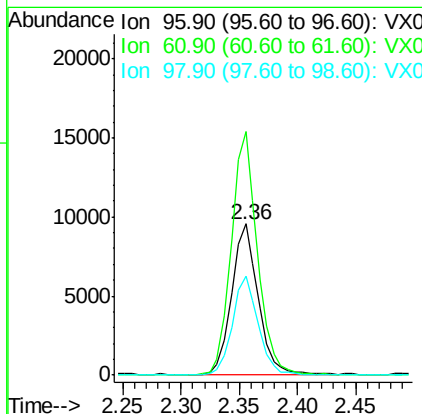
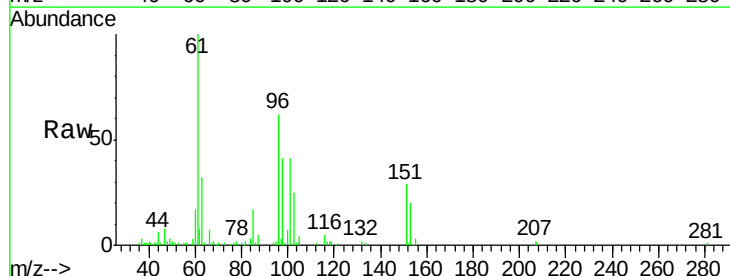
MMDadoda
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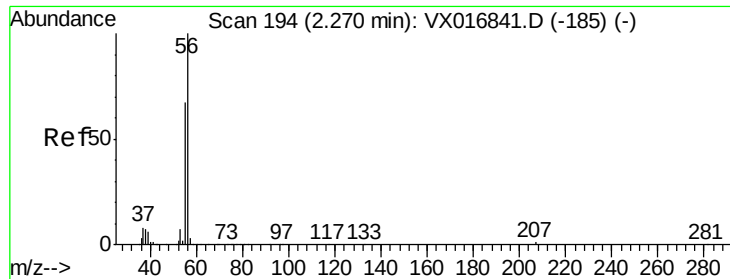


#12

1,1-Dichloroethene
Concen: 5.926 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	96	Resp	15277
Ion Ratio	100	Lower	Upper
61	161.2	121.7	182.5
98	65.4	51.1	76.7





#13

Acrolein

Concen: 28.659 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 9523

Ion Ratio Lower Upper

56 100

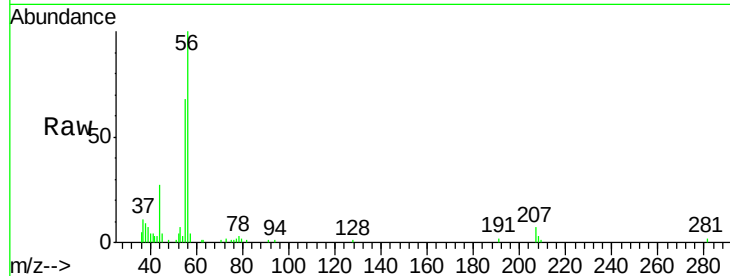
55 75.8 55.7 83.5

Manual Integrations

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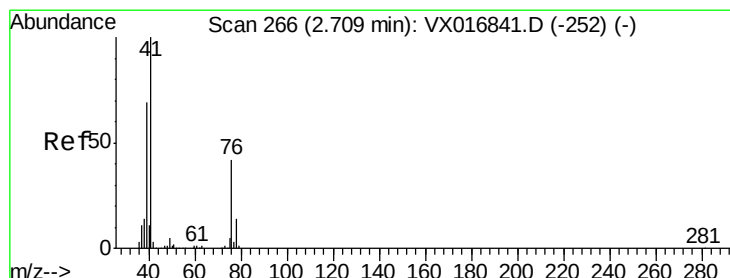
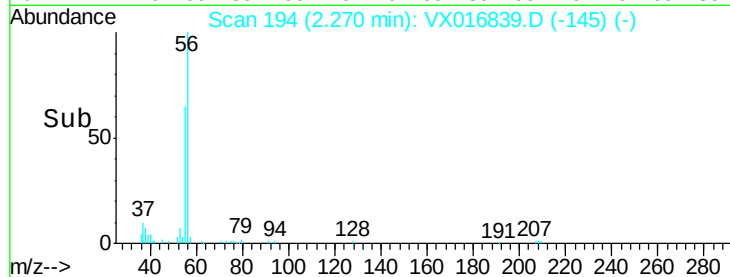
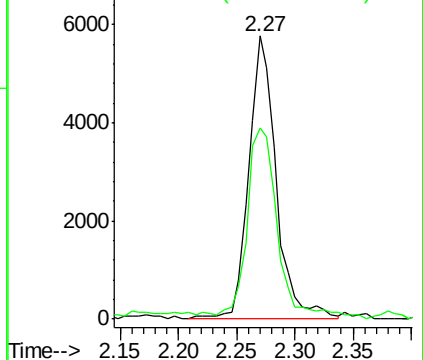
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.197 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

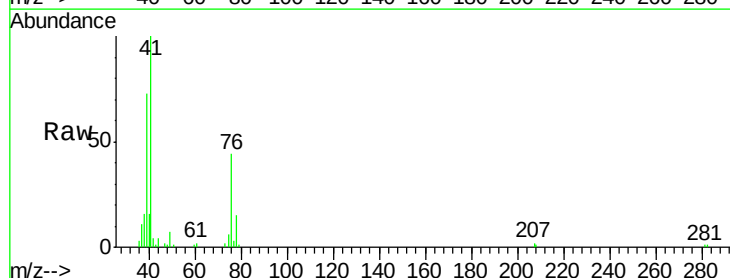
Tgt Ion: 41 Resp: 20326

Ion Ratio Lower Upper

41 100

39 64.3 50.7 76.1

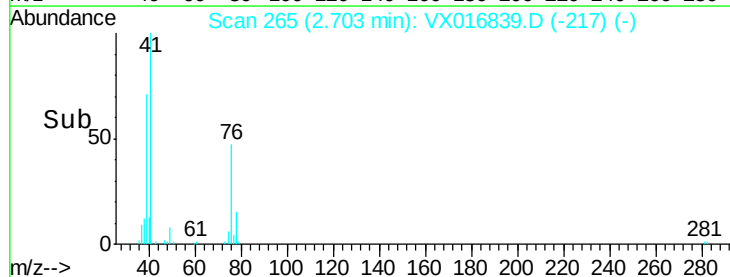
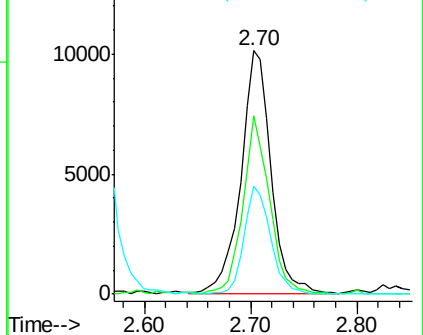
76 38.8 30.9 46.3

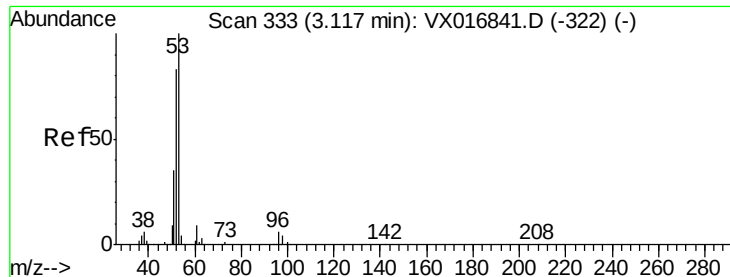


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 21.992 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

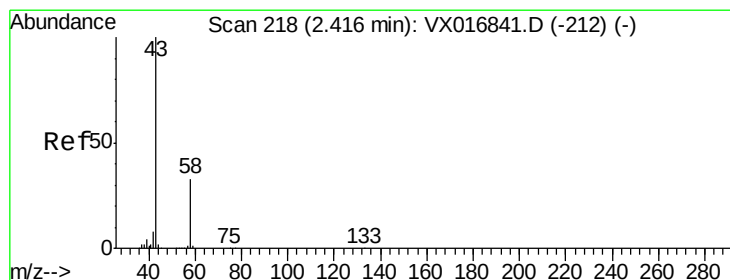
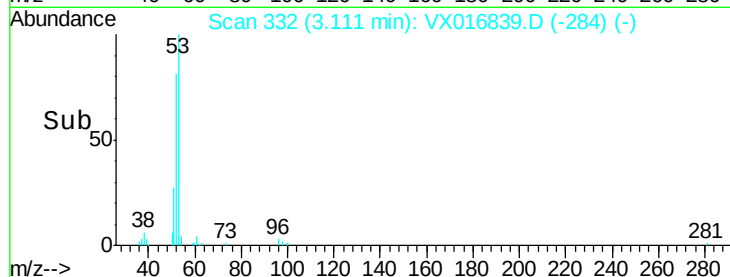
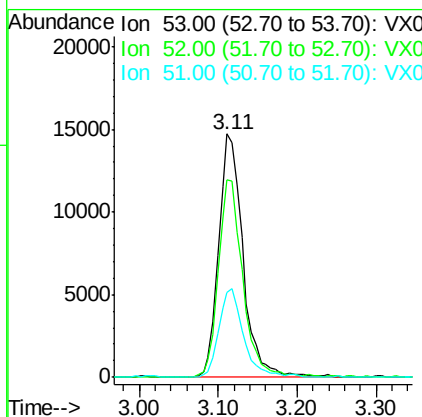
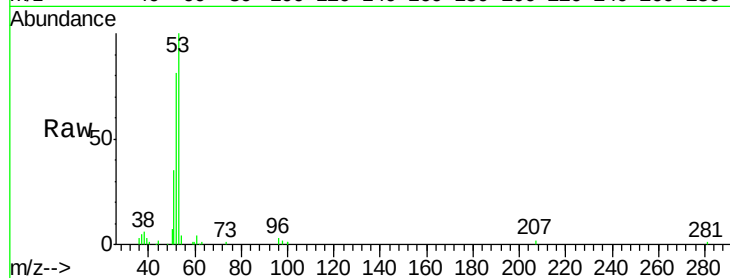
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	31683
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.2	99.2
51	36.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 26.334 ug/l

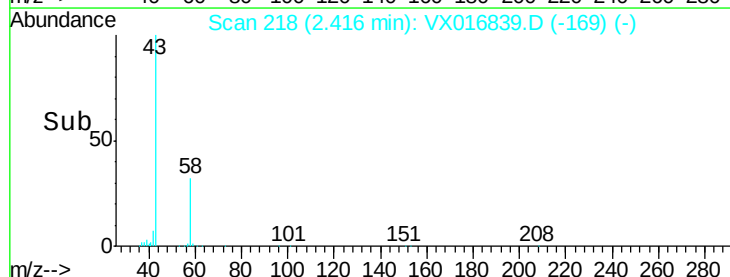
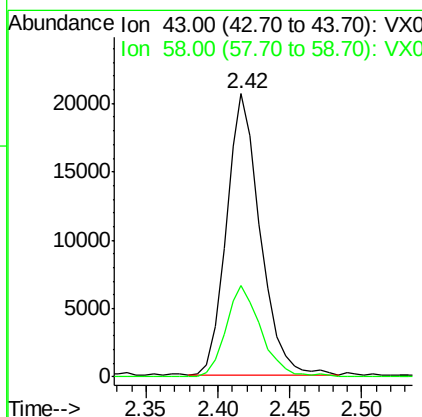
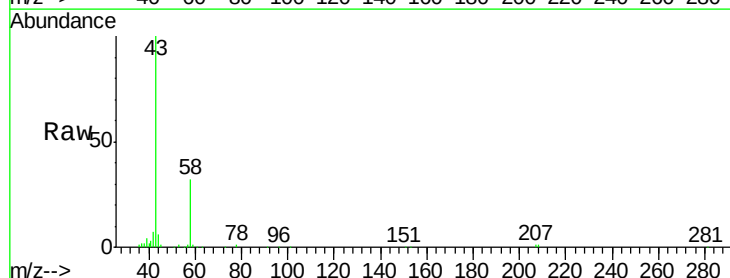
RT: 2.42 min Scan# 218

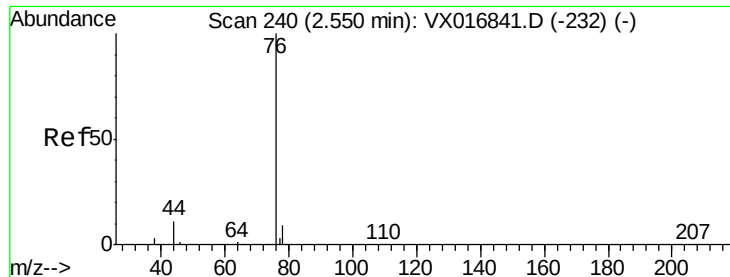
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	43	Resp:	33706
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.6	39.8





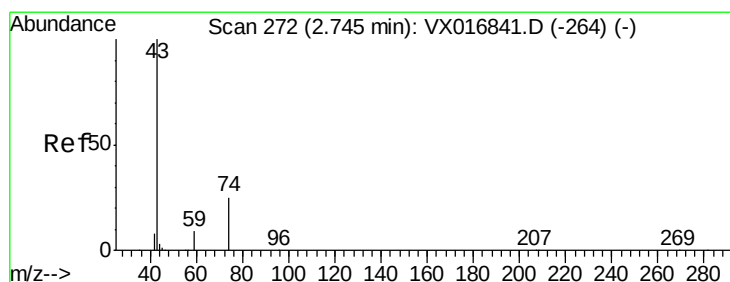
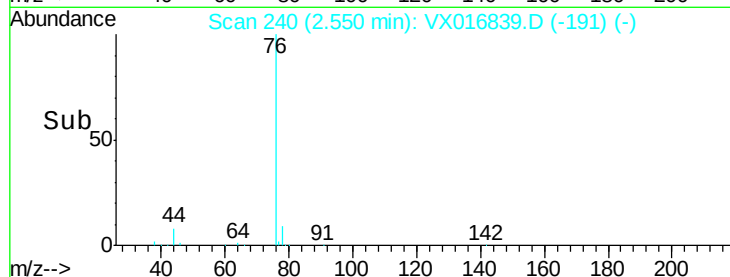
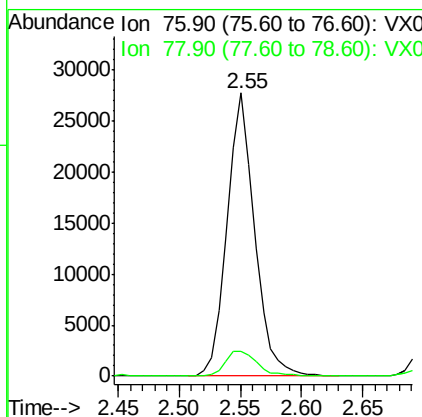
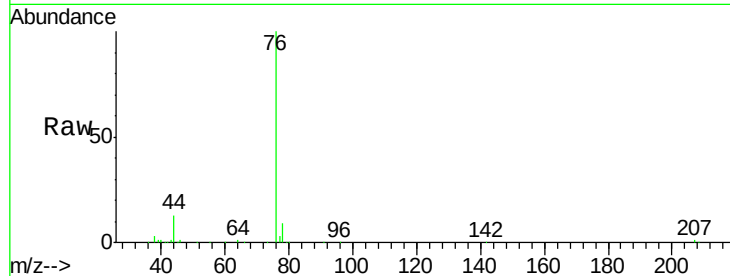
#17
Carbon Disulfide
Concen: 6.022 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

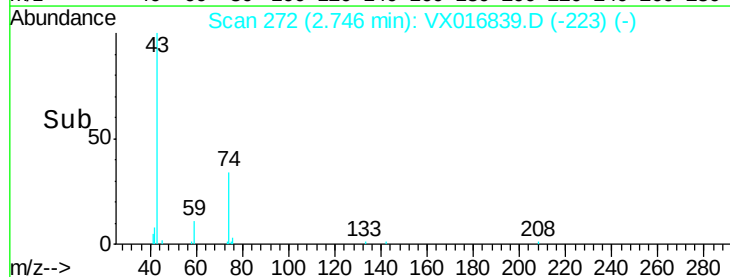
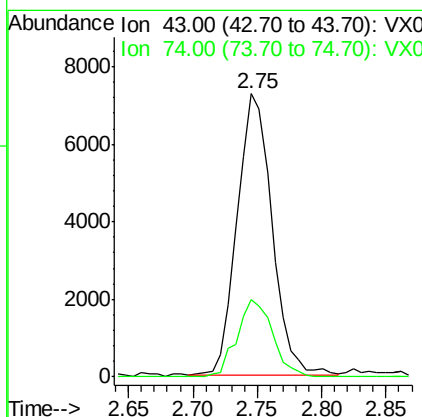
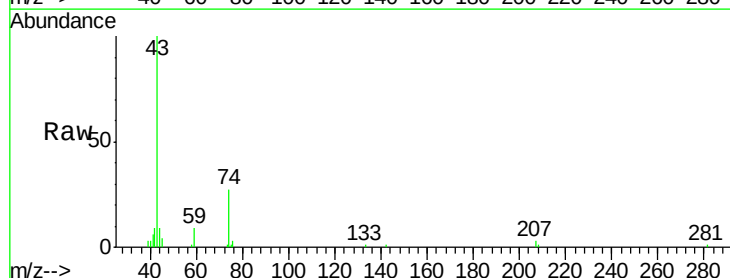
Manual Integrations
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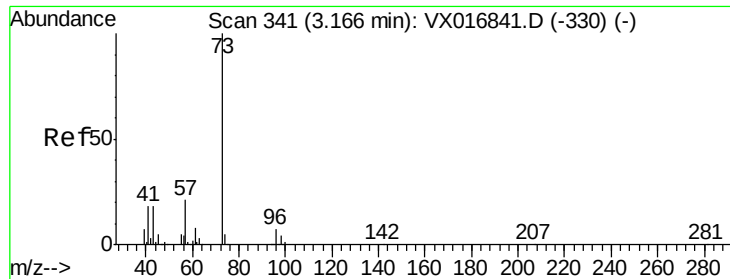
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#18
Methyl Acetate
Concen: 3.968 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	21.8	32.8





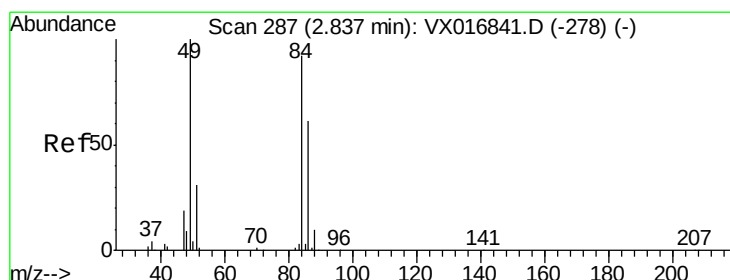
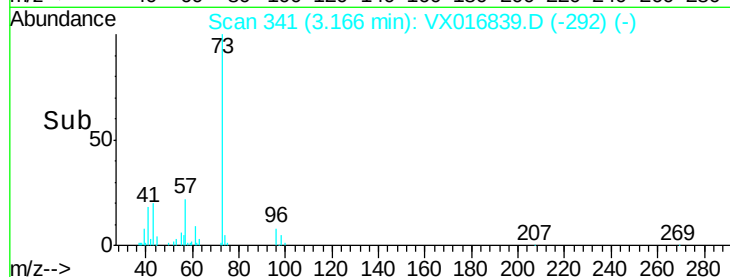
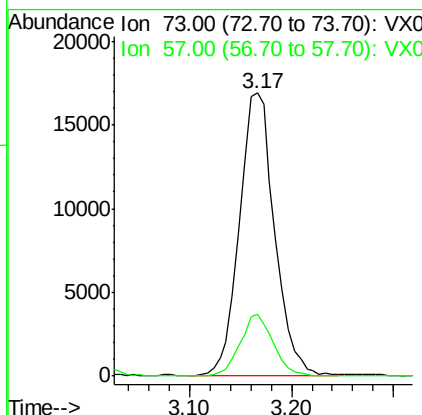
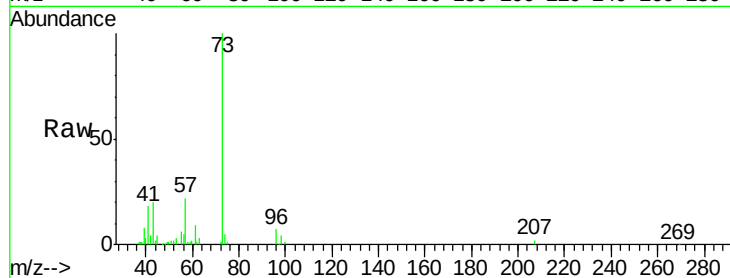
#19
Methyl tert-butyl Ether
Concen: 4.763 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.9	25.3

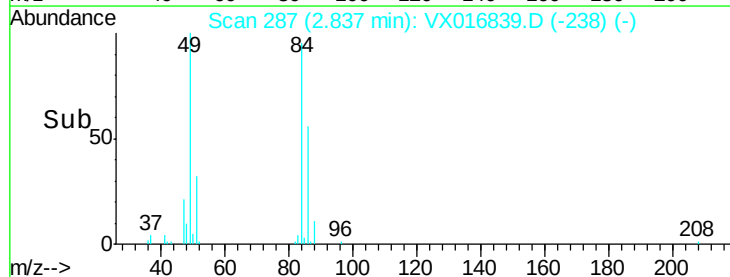
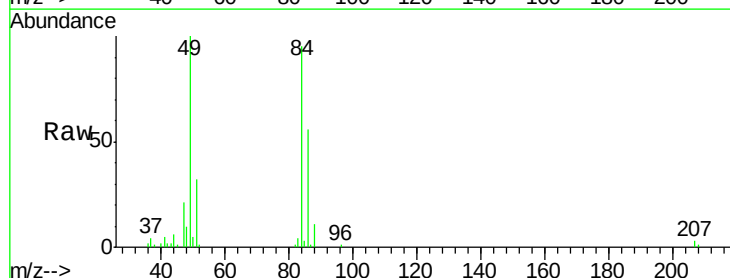
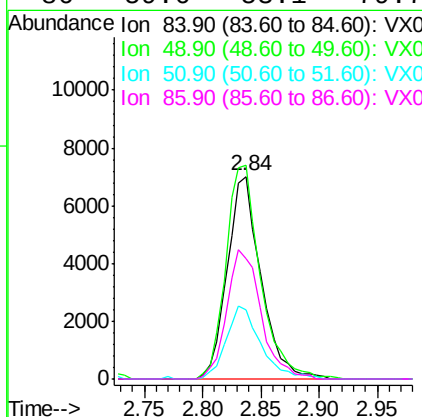
Manual Integrations
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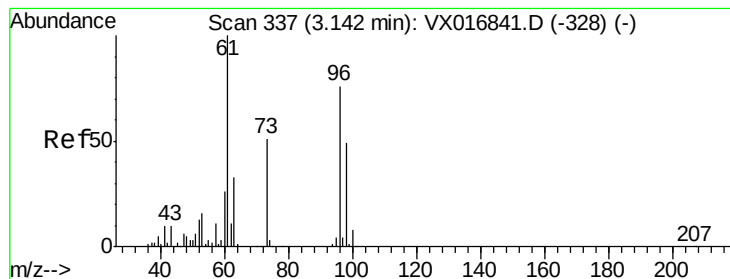
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#20
Methylene Chloride
Concen: 5.022 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.6	86.6	129.8
51	34.2	27.1	40.7
86	59.6	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 5.030 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

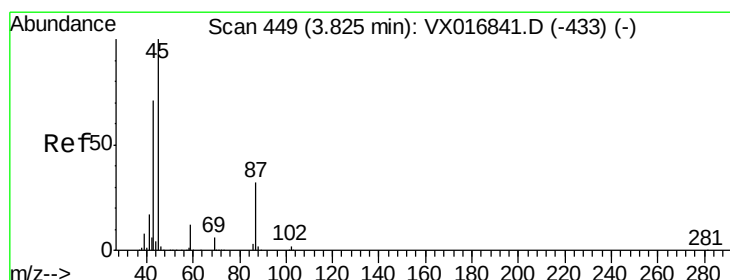
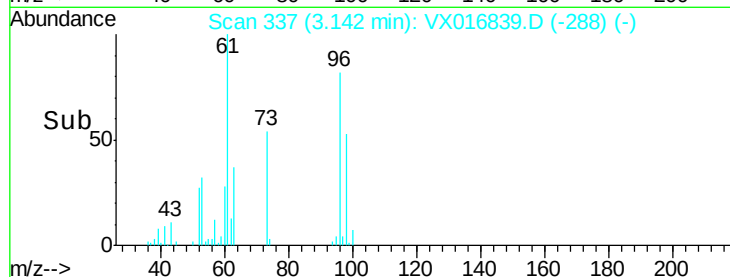
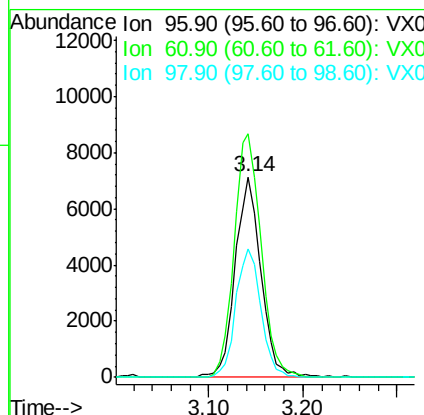
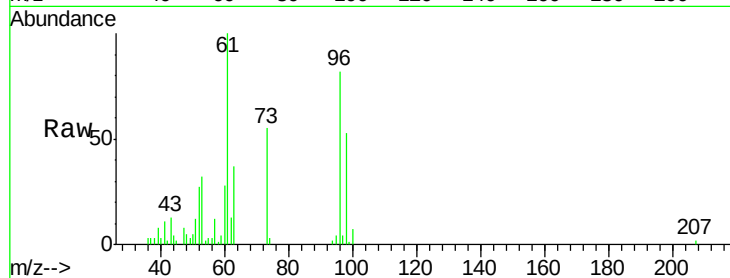
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	13586
Ion	Ratio	Lower	Upper
96	100		
61	121.7	105.4	158.0
98	64.2	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 4.977 ug/l

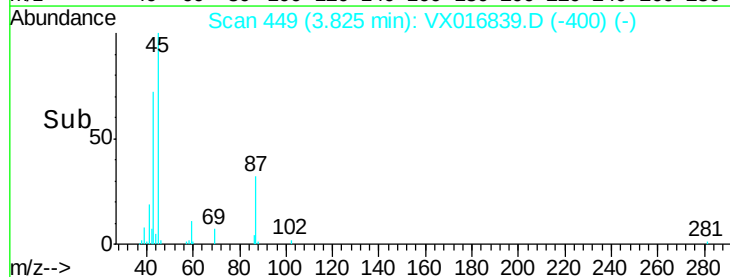
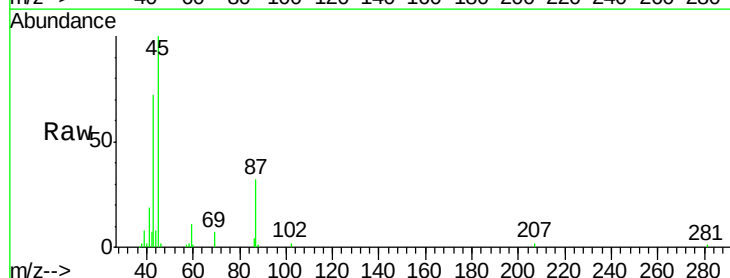
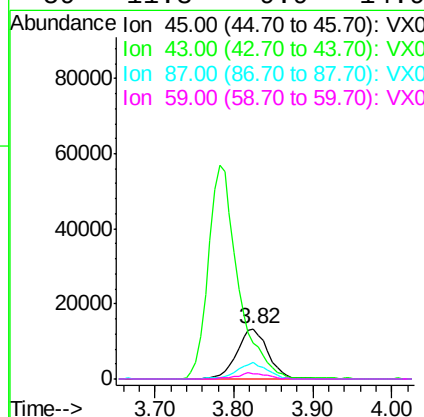
RT: 3.82 min Scan# 449

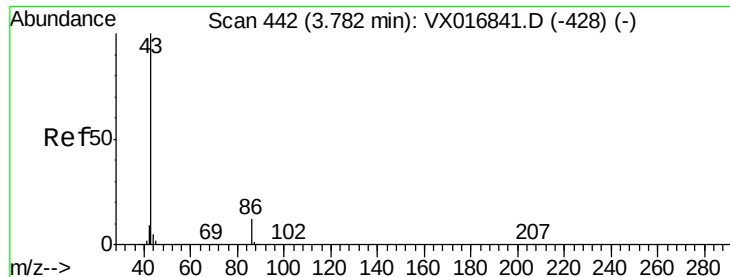
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	45	Resp:	36655
Ion	Ratio	Lower	Upper
45	100		
43	71.2	57.0	85.4
87	32.4	25.2	37.8
59	11.3	9.9	14.9





#23

Vinyl Acetate

Concen: 23.678 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 150216

Ion Ratio Lower Upper

43 100

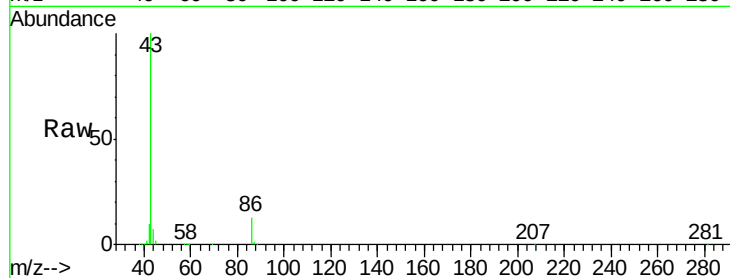
86 12.5 9.9 14.9

Manual Integrations

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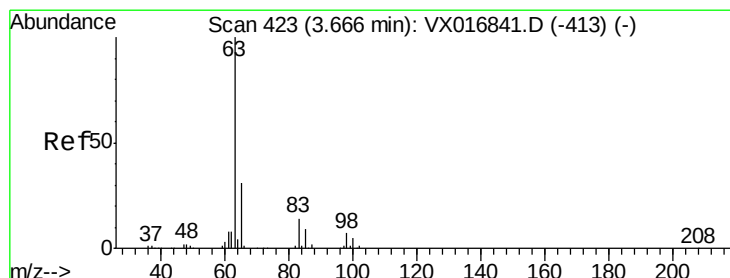
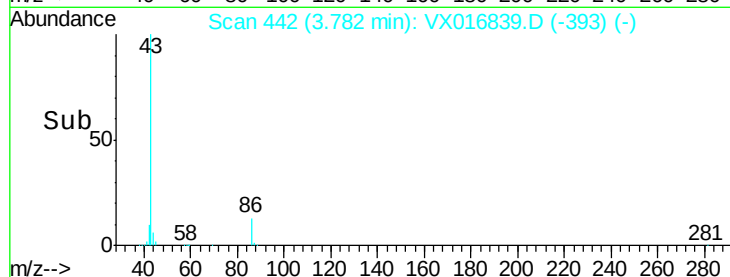
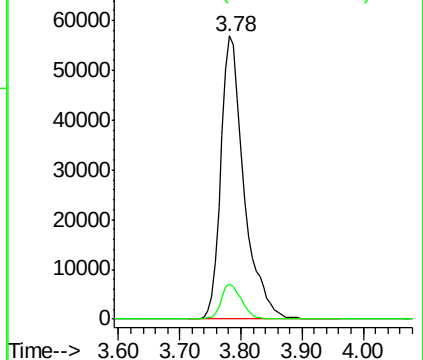
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.015 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

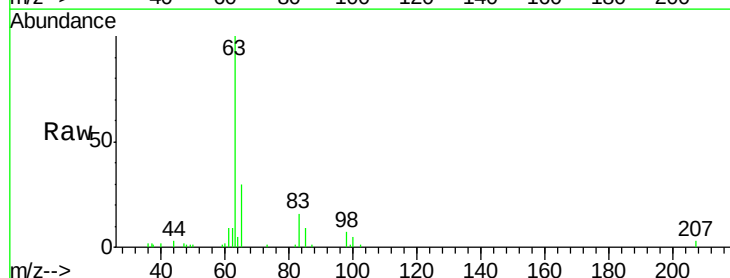
Tgt Ion: 63 Resp: 23124

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

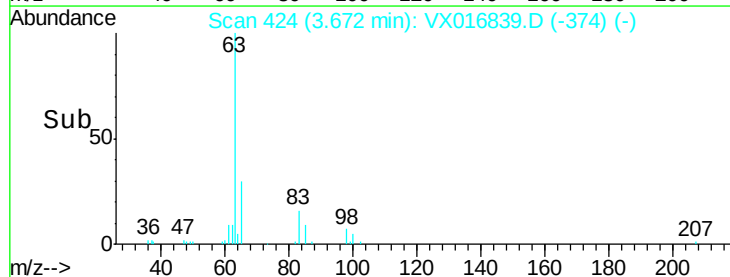
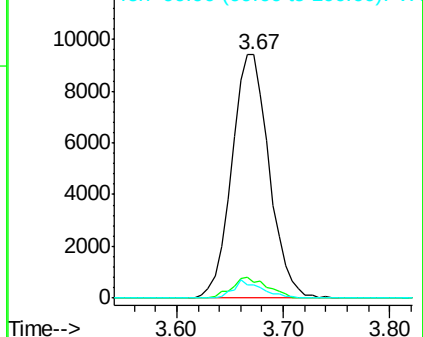
100 5.3 2.4 7.1

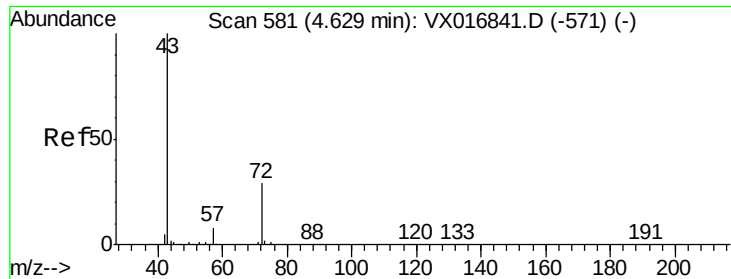


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 21.284 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 40934

Ion Ratio Lower Upper

43 100

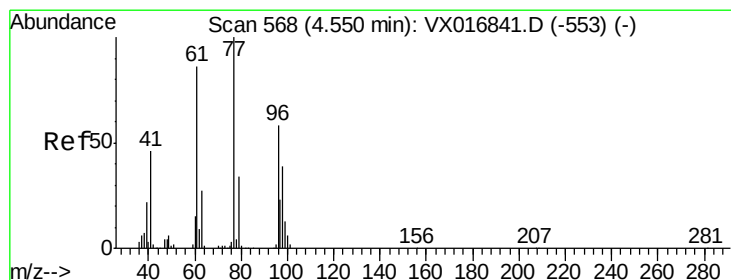
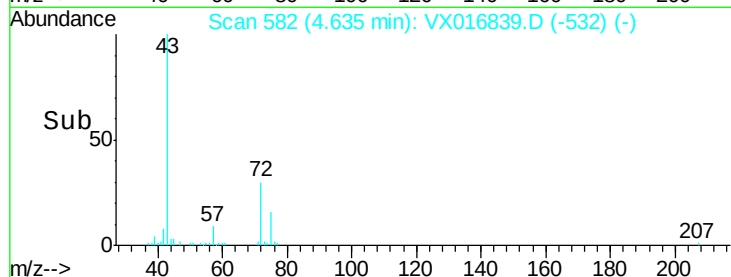
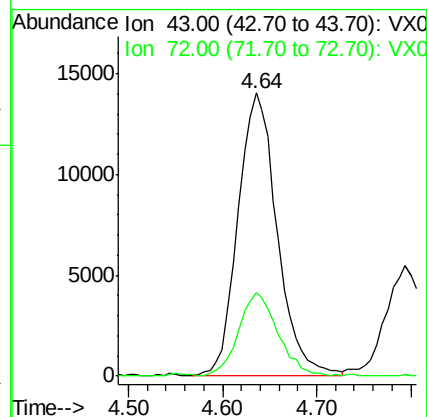
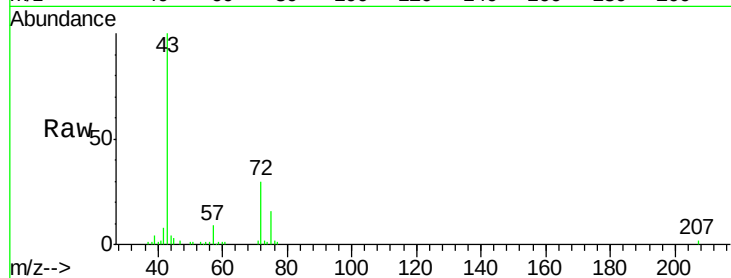
72 29.3 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.155 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016839.D

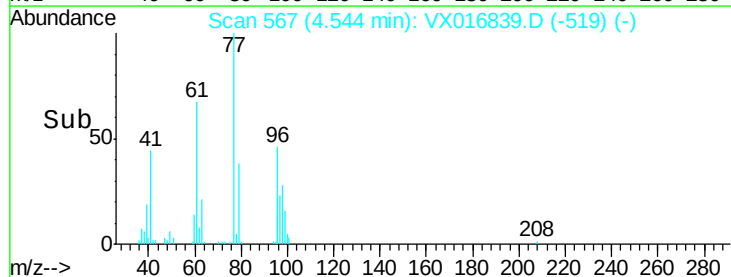
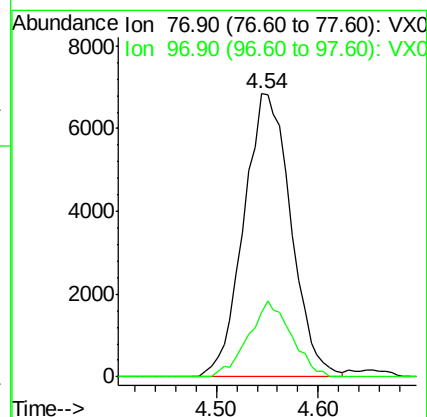
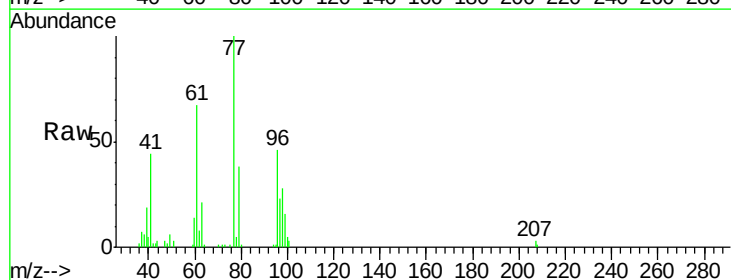
Acq: 18 Jun 2020 11:02

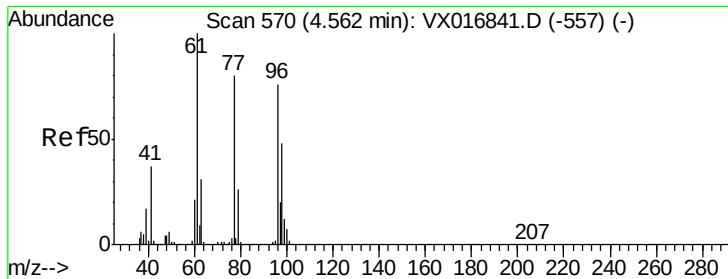
Tgt Ion: 77 Resp: 22005

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.7





#27

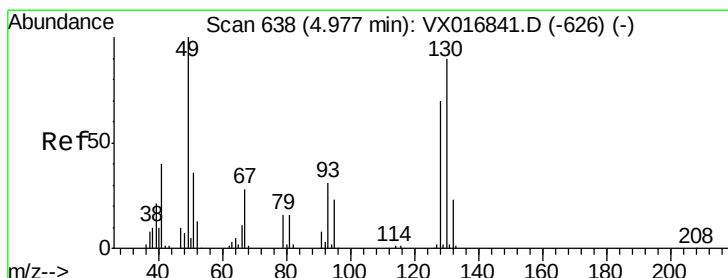
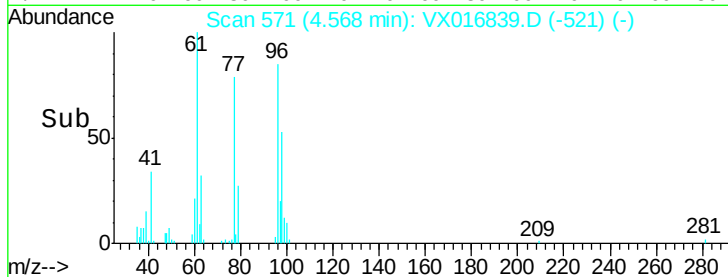
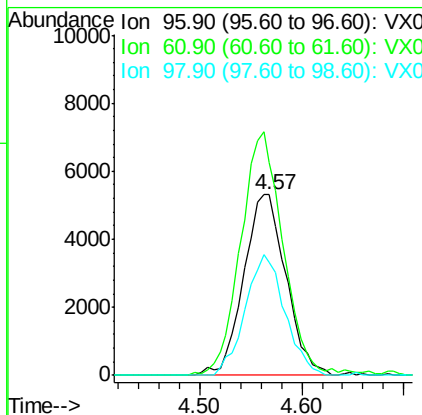
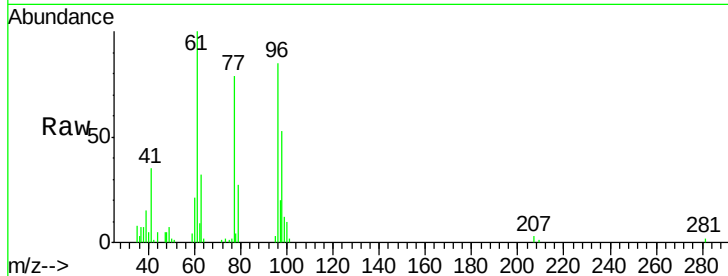
cis-1,2-Dichloroethene
Concen: 4.951 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	273.8
98	62.7	0.0	129.0

Manual Integrations
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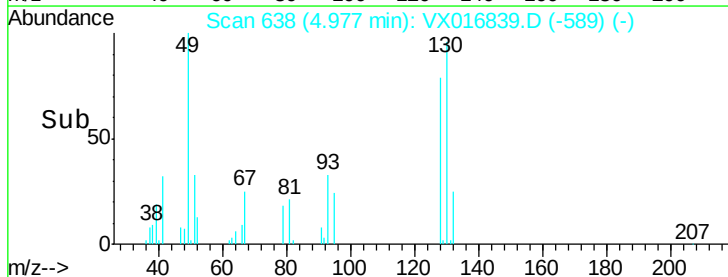
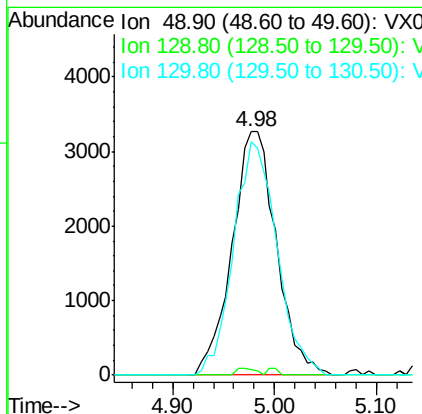
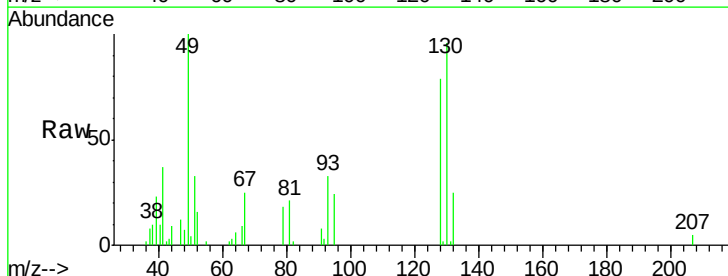
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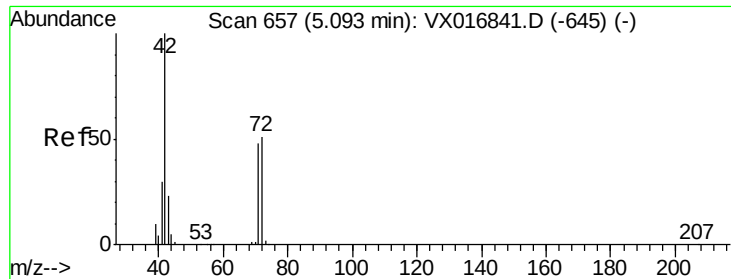


#28

Bromochloromethane
Concen: 5.013 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.0
130	94.5	76.8	115.2





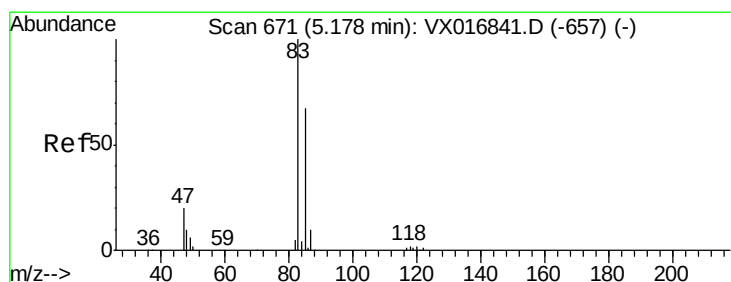
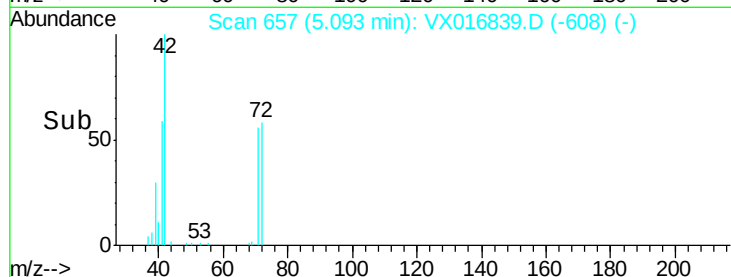
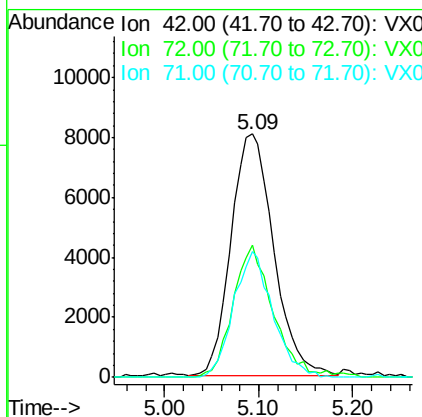
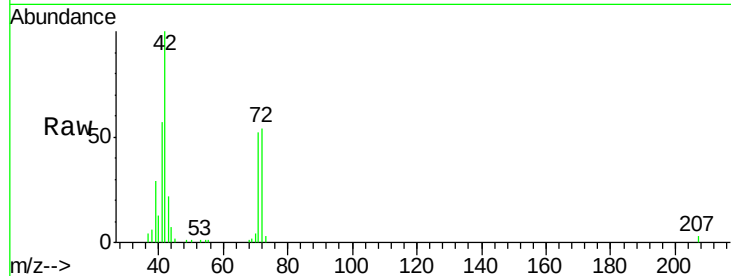
#29
Tetrahydrofuran
Concen: 20.511 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	41.1	61.7
71	47.6	38.4	57.6

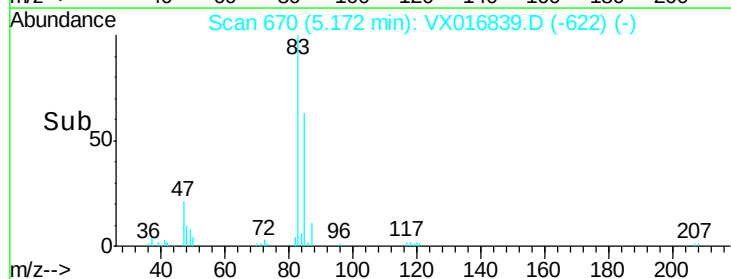
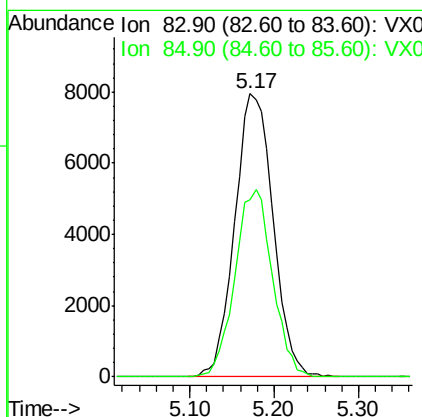
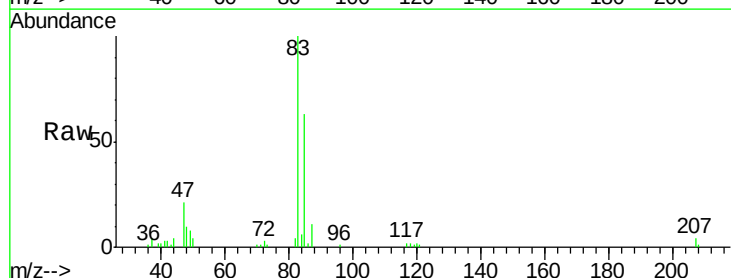
Manual Integrations
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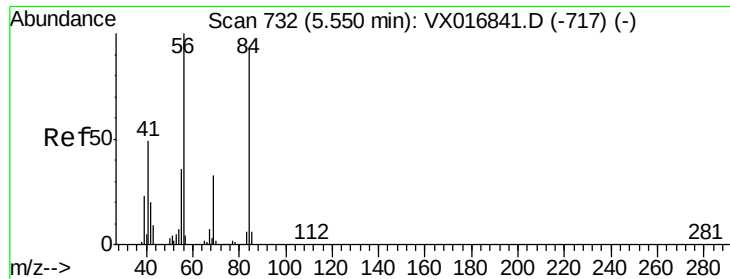
MMDadoda
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#30
Chloroform
Concen: 5.019 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.4	80.0





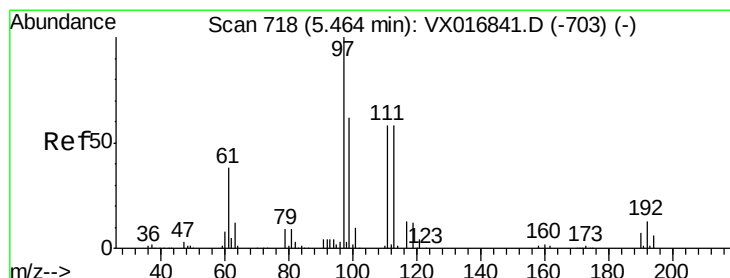
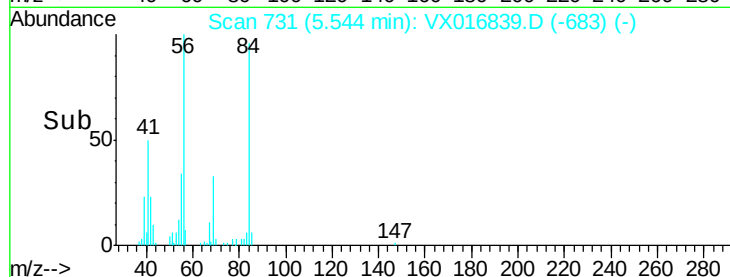
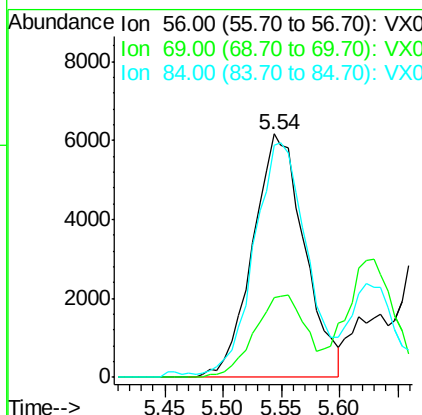
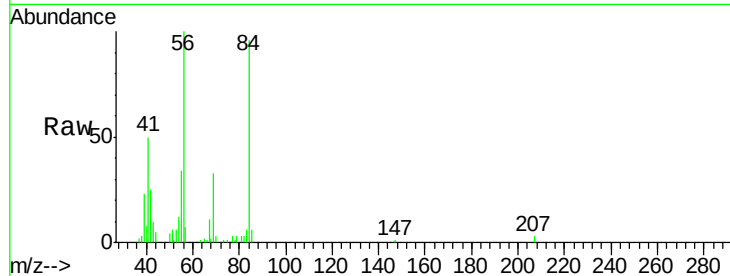
#31
Cyclohexane
Concen: 5.456 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.8	26.1	39.1	
84	93.8	73.0	109.6	

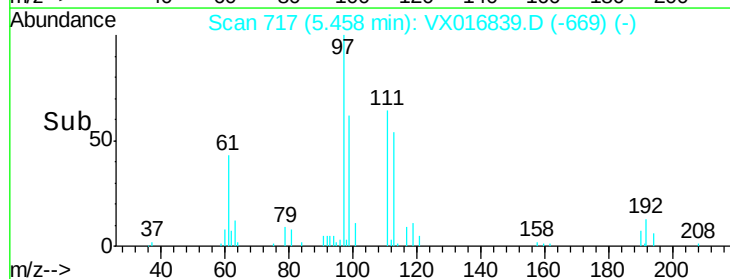
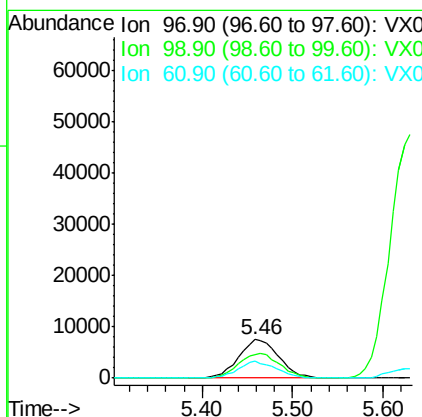
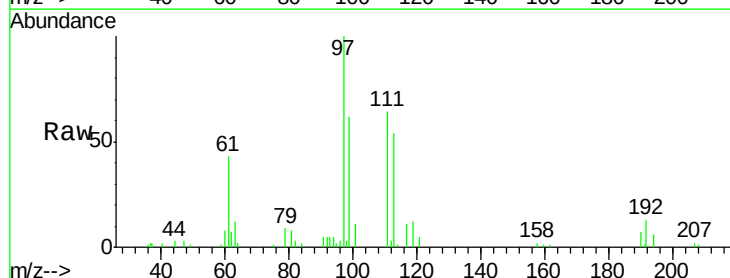
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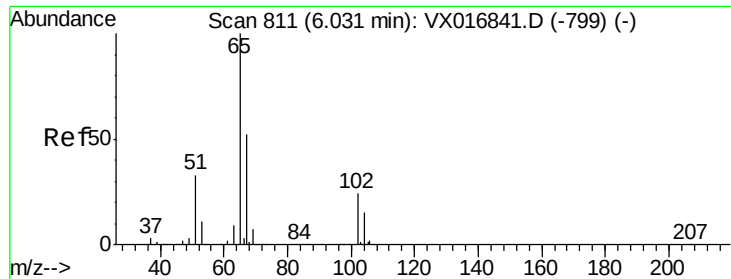
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#32
1,1,1-Trichloroethane
Concen: 5.205 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	66.2	51.3	76.9	
61	40.6	31.3	46.9	





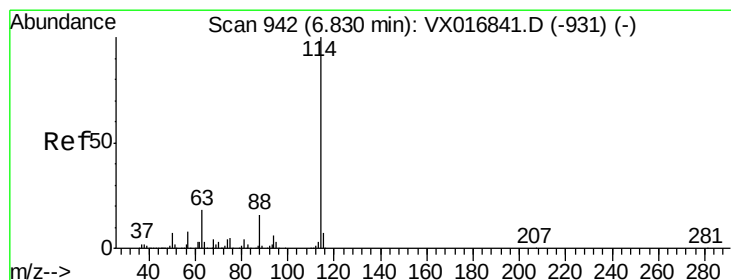
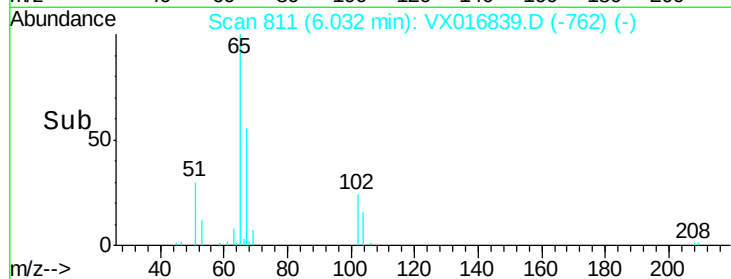
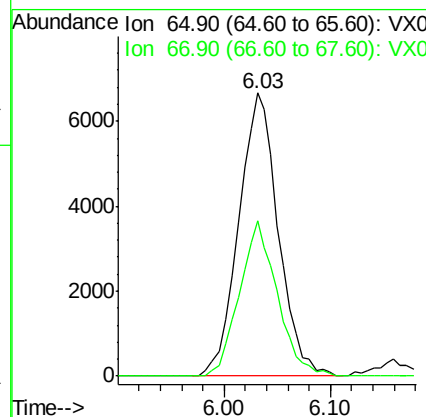
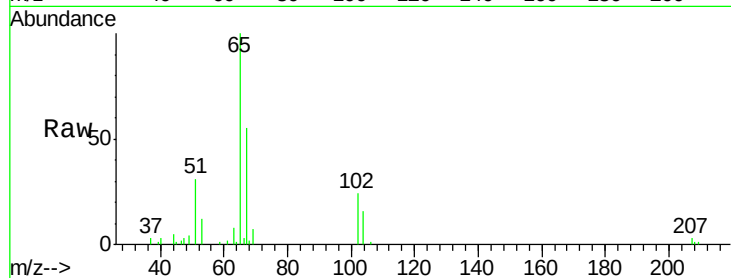
#33
 1,2-Dichloroethane-d4
 Concen: 5.653 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 65 Resp: 17274
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6

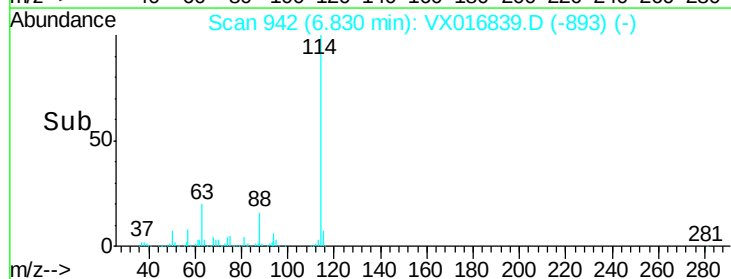
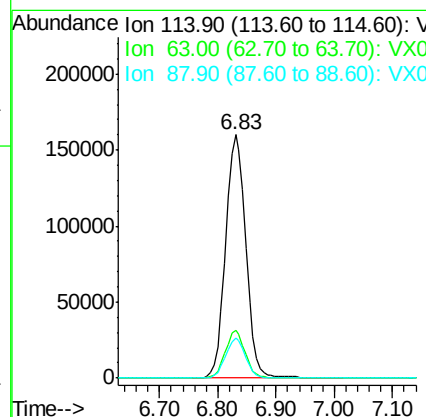
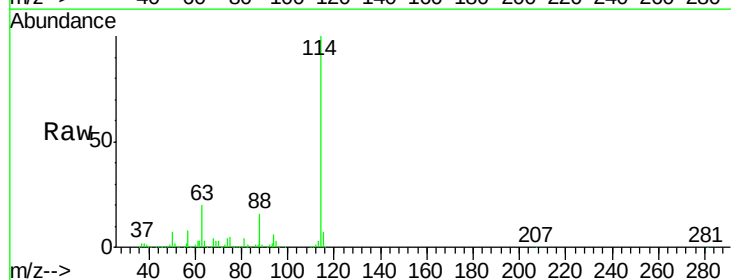
Manual Integrations
 APPROVED

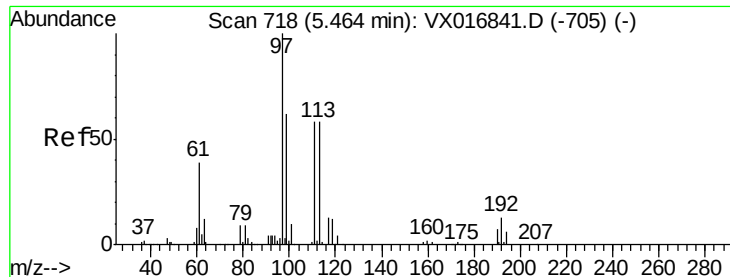
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion: 114 Resp: 386032
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 5.709 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

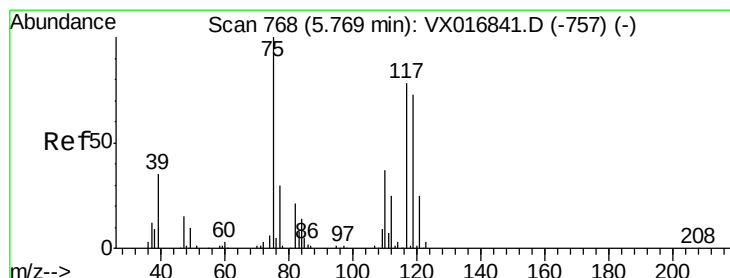
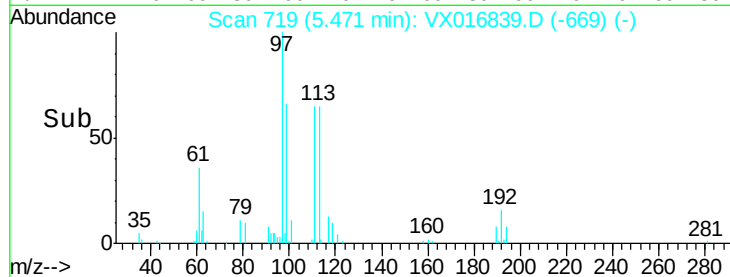
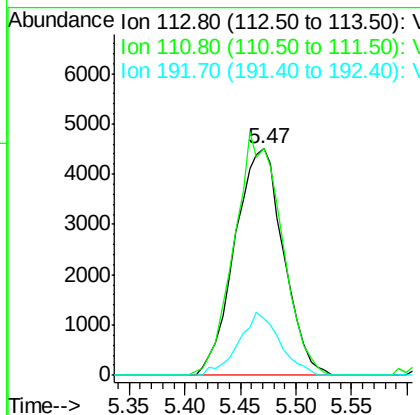
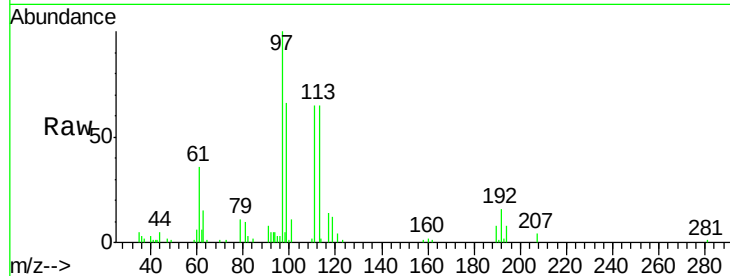
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	13685
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.0	121.4
192	23.5	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 5.341 ug/l

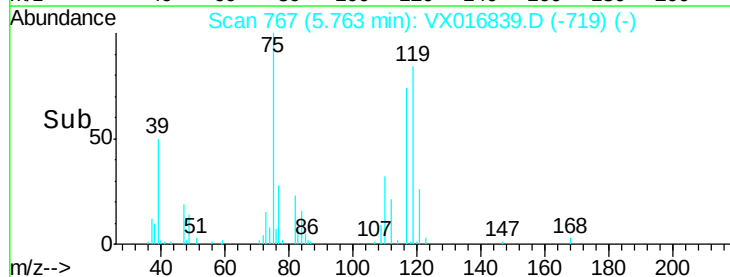
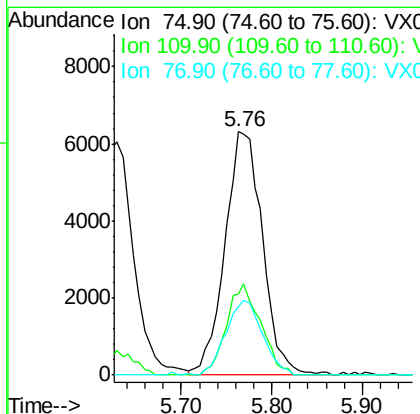
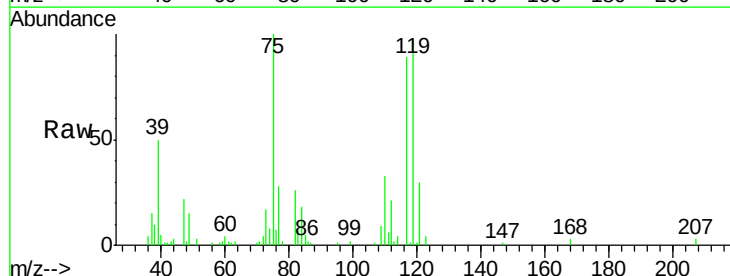
RT: 5.76 min Scan# 767

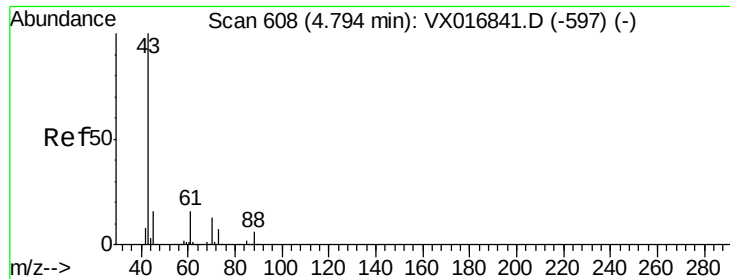
Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	75	Resp:	18184
Ion	Ratio	Lower	Upper
75	100		
110	34.1	18.9	56.9
77	30.1	25.6	38.4





#37

Ethyl Acetate

Concen: 4.448 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

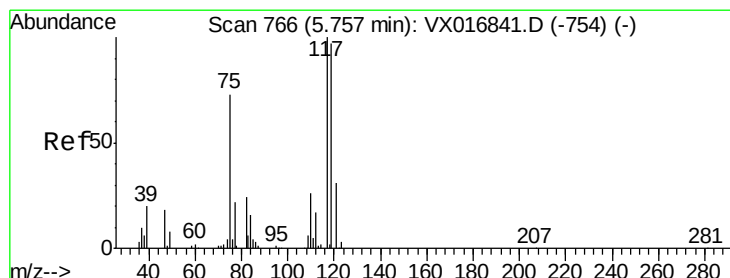
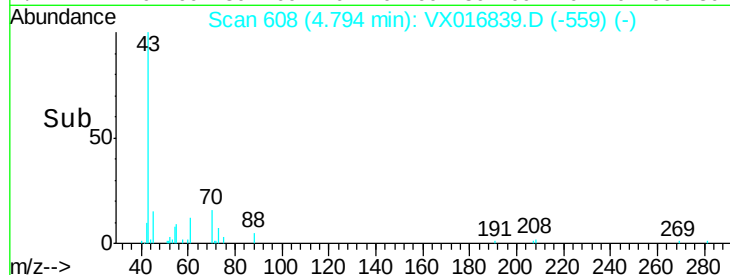
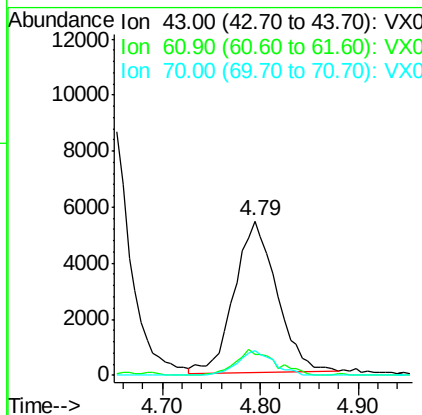
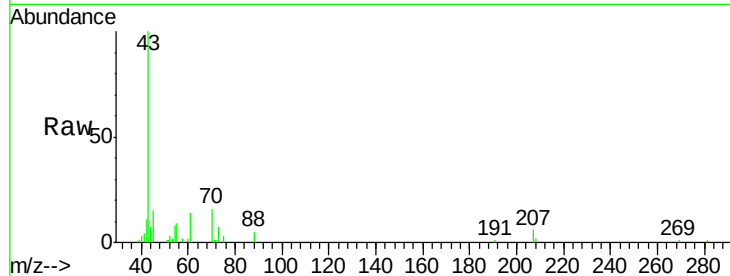
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	16262
Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.2	18.2
70	13.7	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 5.275 ug/l

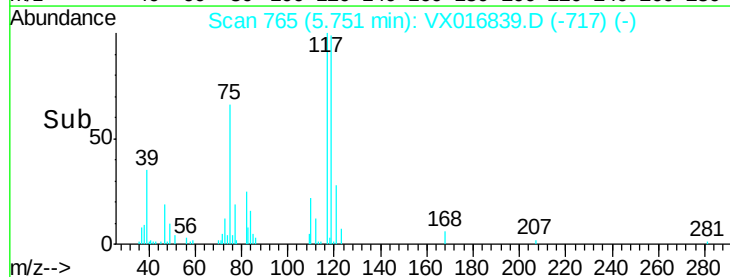
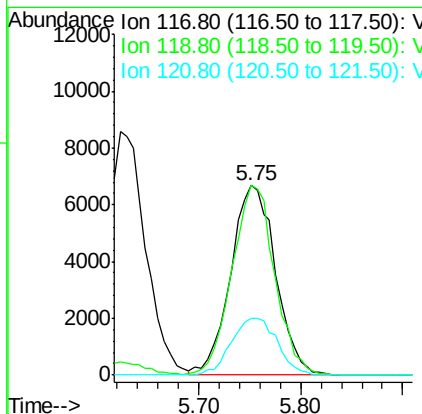
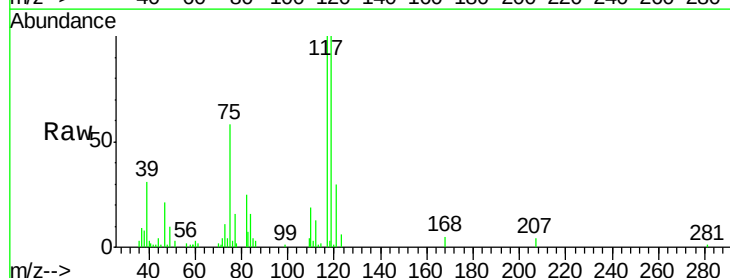
RT: 5.75 min Scan# 765

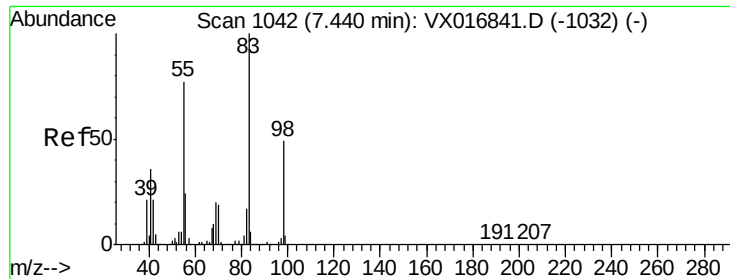
Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	117	Resp:	20394
Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.4	116.2
121	29.9	24.7	37.1





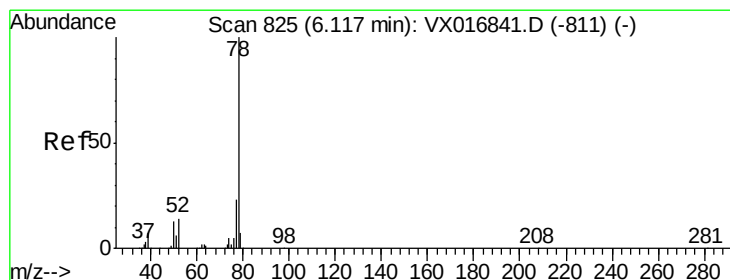
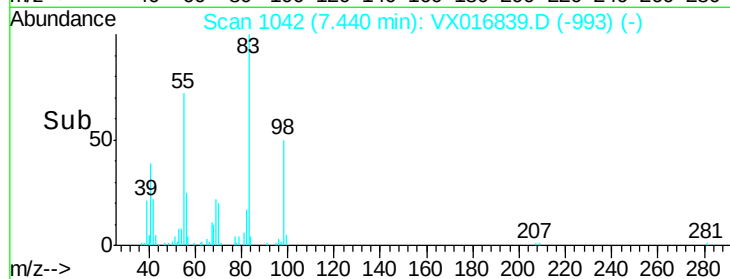
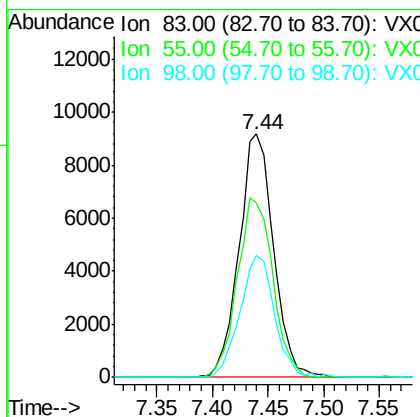
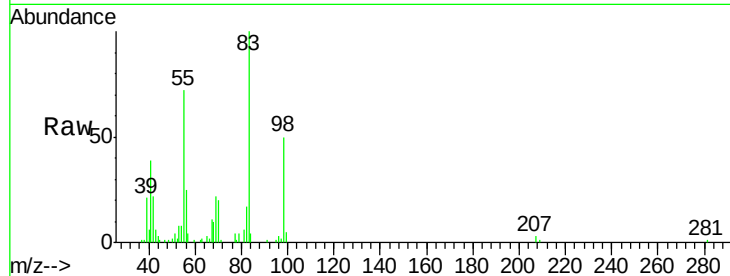
#39
Methylvlcyclohexane
Concen: 5.363 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	19772
Ion Ratio	Lower	Upper	
83	100		
55	71.7	61.7	92.5
98	49.9	39.0	58.6

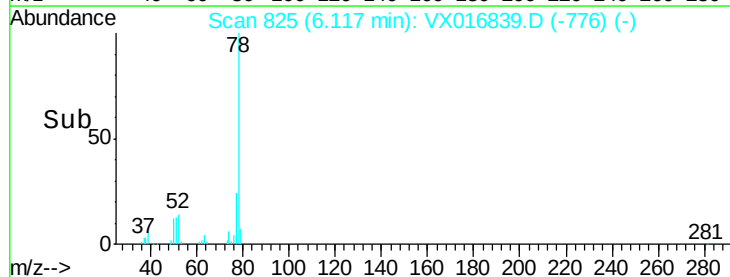
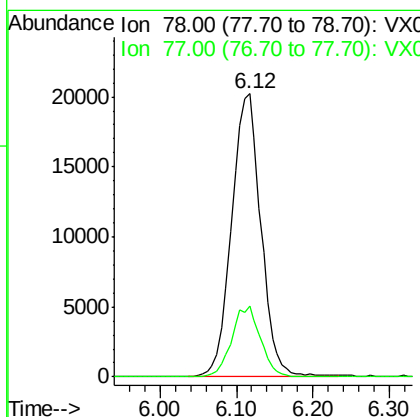
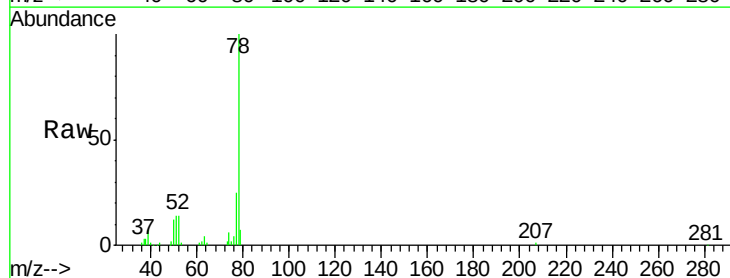
Manual Integrations
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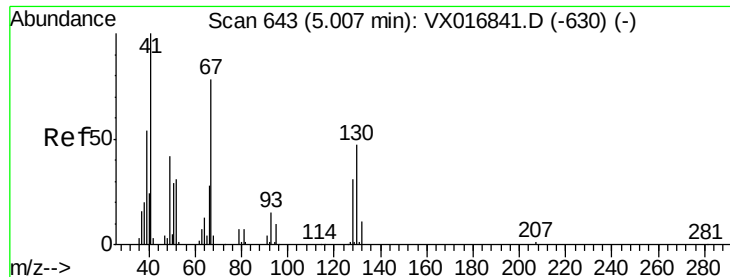
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#40
Benzene
Concen: 5.191 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	78	Resp	53881
Ion Ratio	Lower	Upper	
78	100		
77	25.2	18.6	27.8





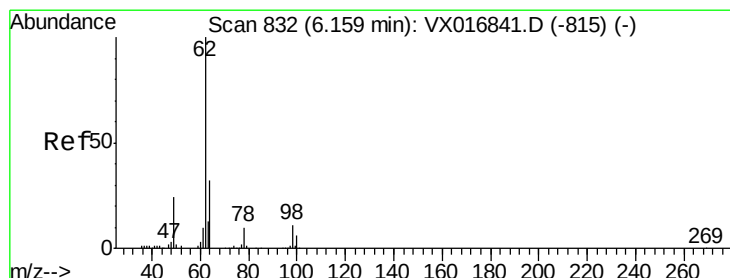
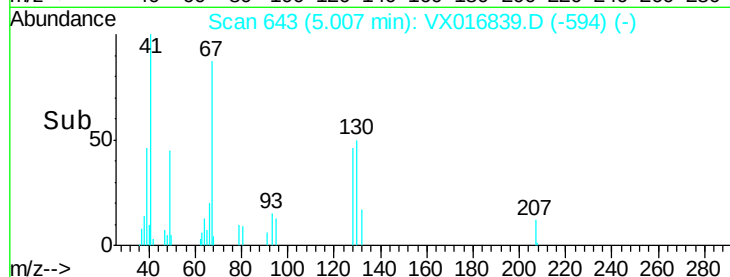
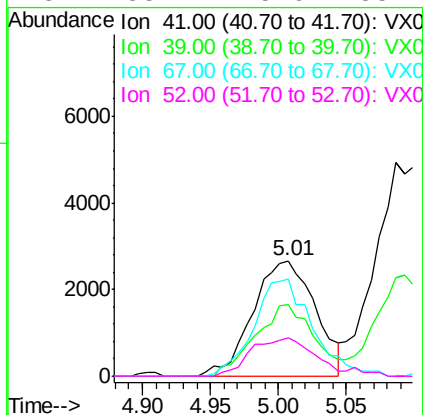
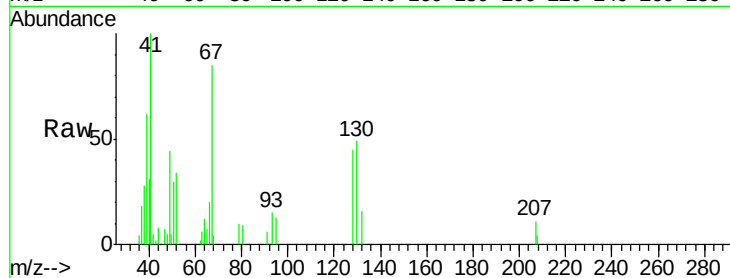
#41
Methacrylonitrile
Concen: 4.375 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.1	42.6	64.0
67	78.8	64.2	96.2
52	33.4	25.6	38.4

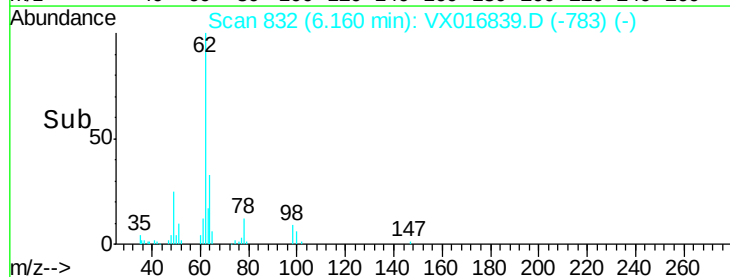
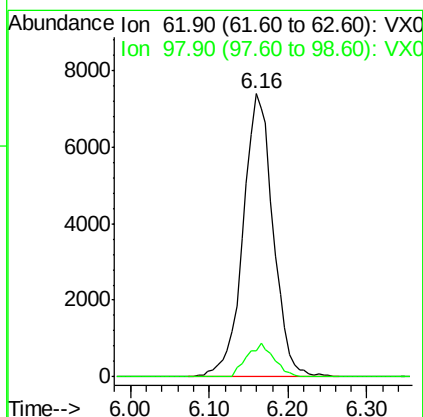
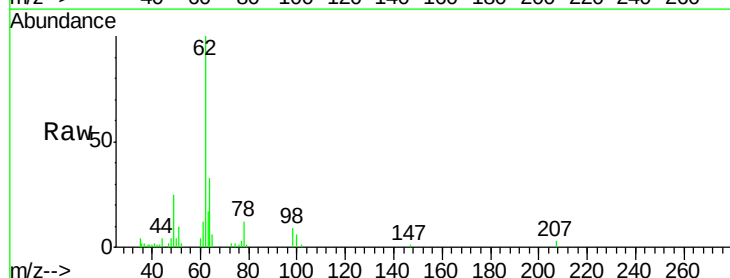
Manual Integrations
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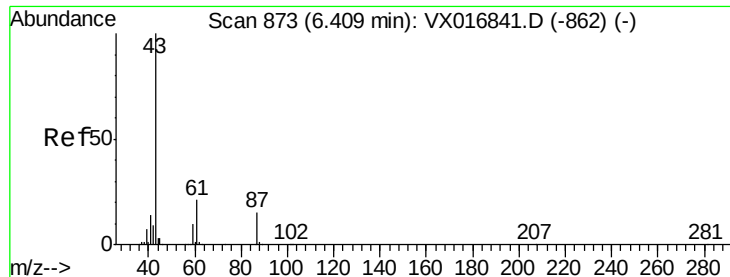
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.192 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 4.508 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

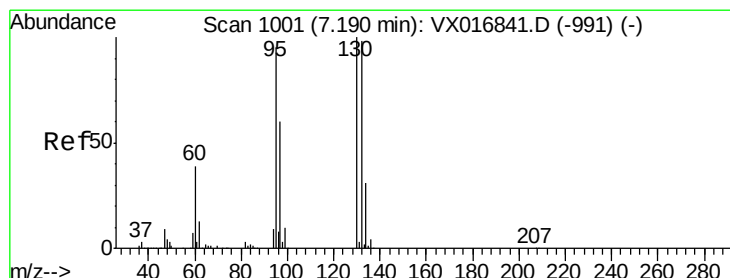
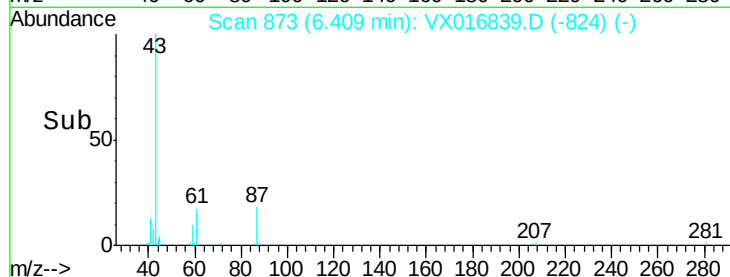
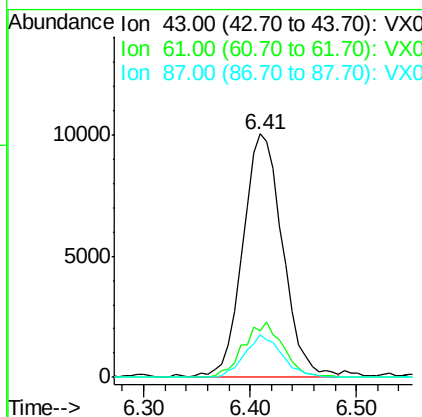
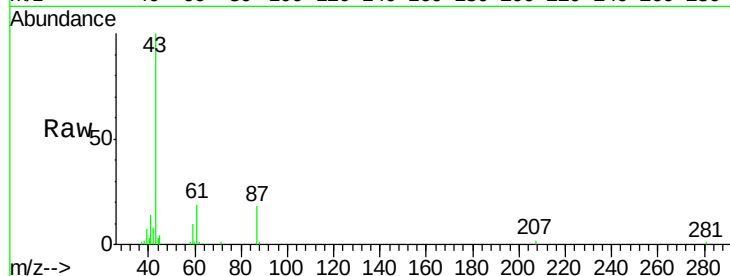
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	26393
Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.9	26.9
87	16.1	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 5.420 ug/l

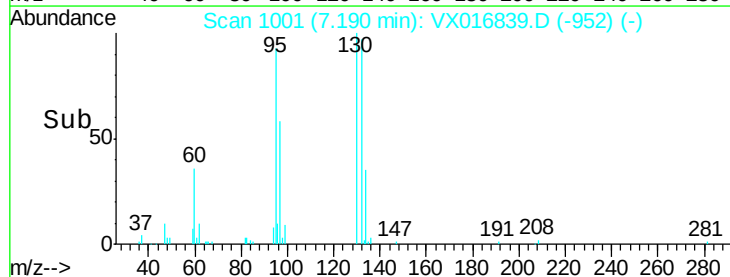
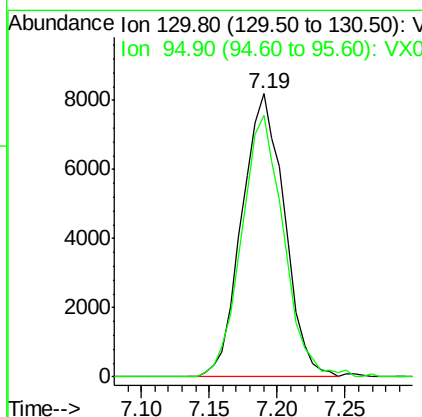
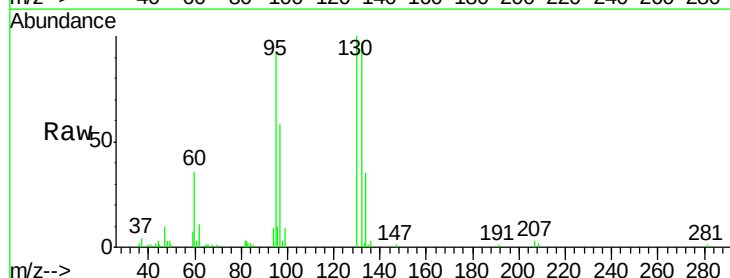
RT: 7.19 min Scan# 1001

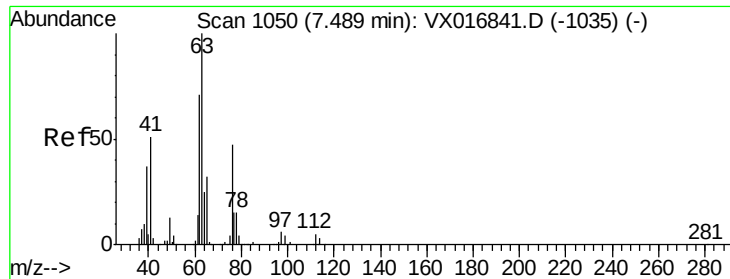
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	130	Resp:	17935
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	190.8





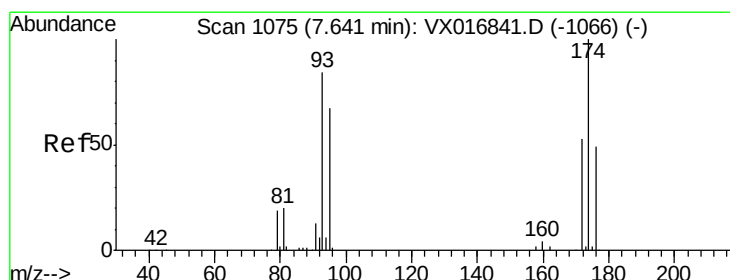
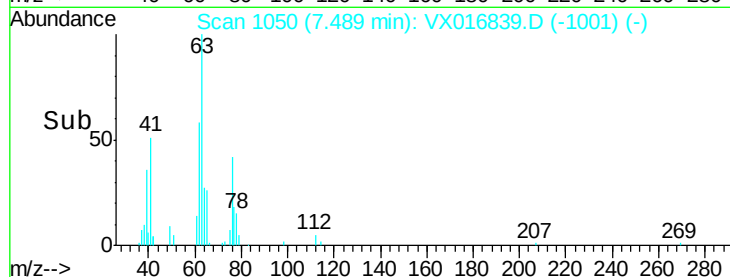
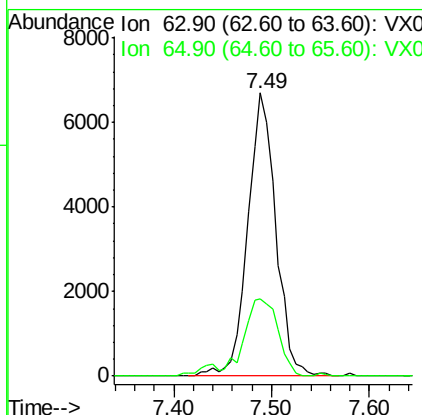
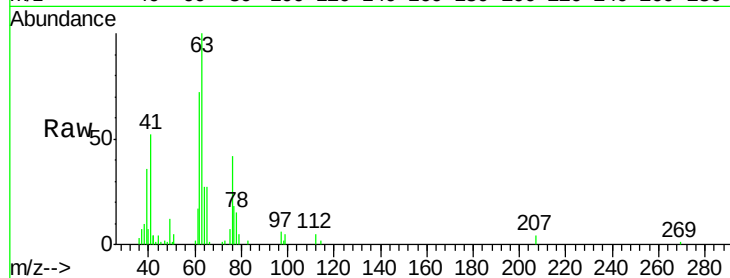
#45
1,2-Dichloropropane
Concen: 5.229 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.1	25.8	38.8

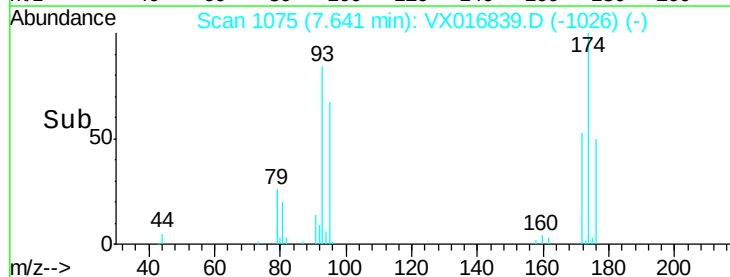
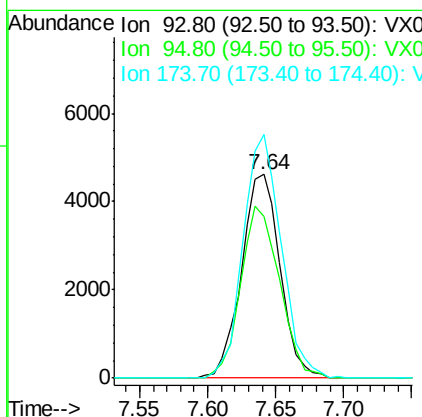
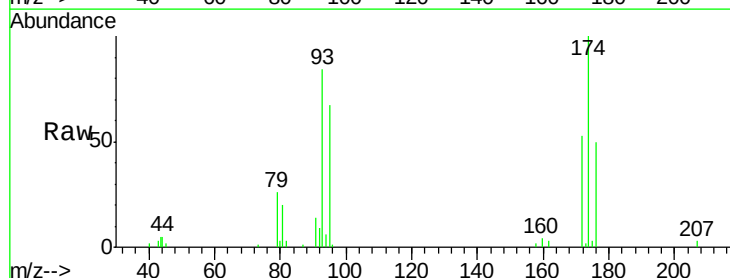
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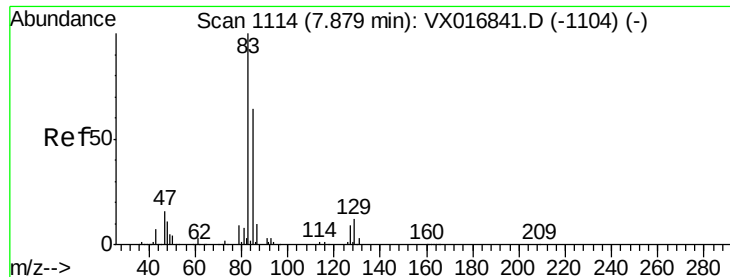
MMDadoda
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#46
Dibromomethane
Concen: 4.968 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	65.7	98.5
174	118.1	92.8	139.2





#47

Bromodichloromethane

Concen: 4.933 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

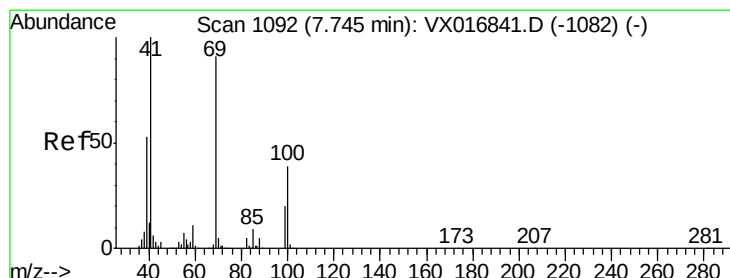
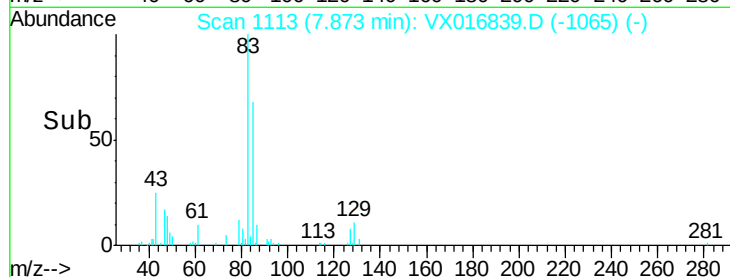
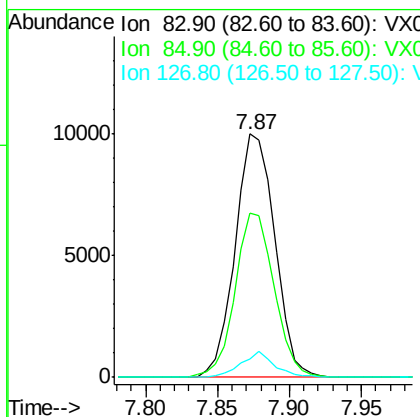
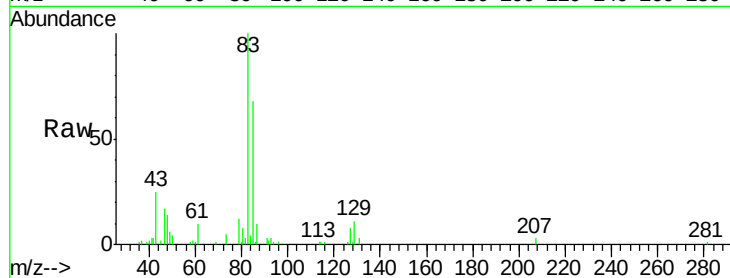
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	19031
Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.9	76.3
127	7.5	7.4	11.0

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#48

Methyl methacrylate

Concen: 4.406 ug/l

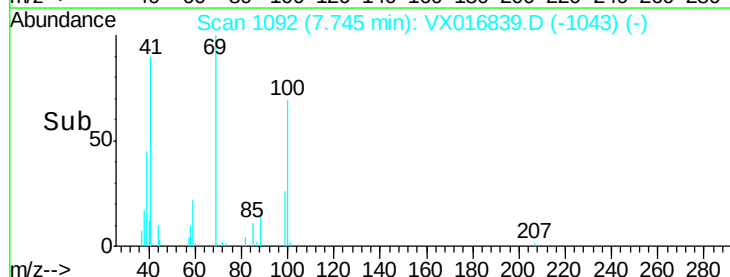
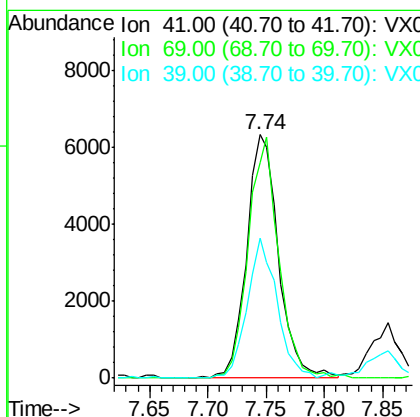
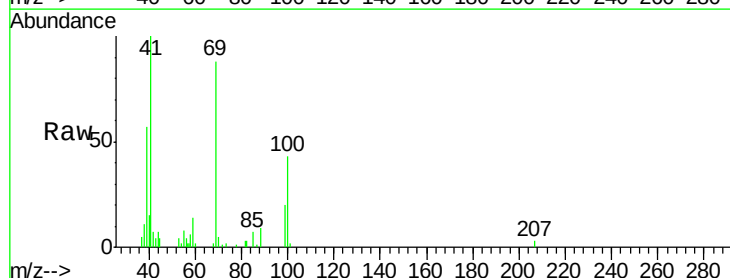
RT: 7.74 min Scan# 1092

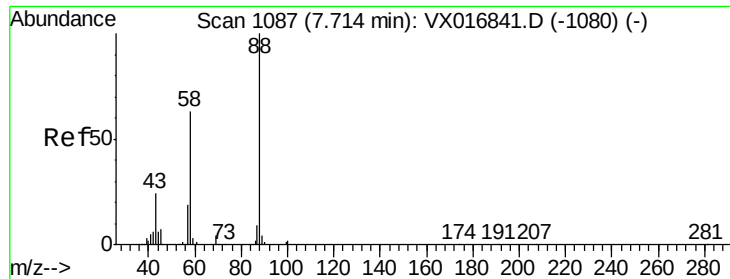
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	41	Resp:	12090
Ion	Ratio	Lower	Upper
41	100		
69	95.1	73.3	109.9
39	53.7	42.4	63.6





#49

1,4-Dioxane

Concen: 82.367 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

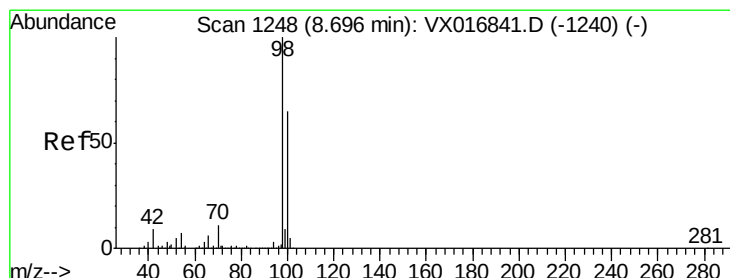
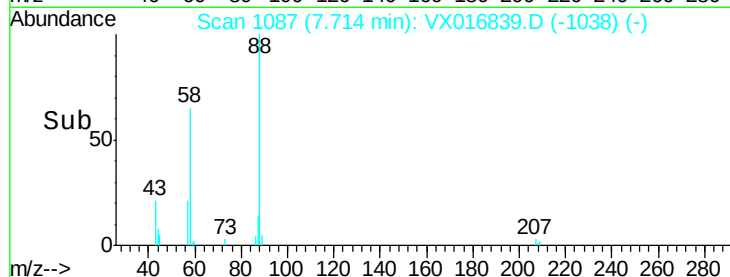
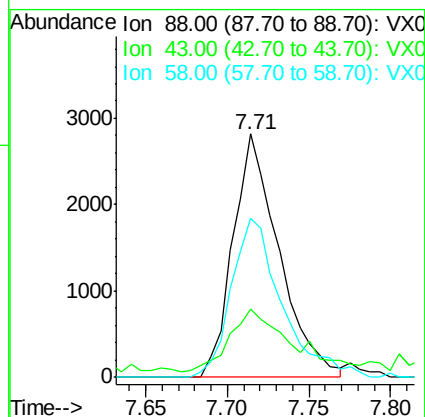
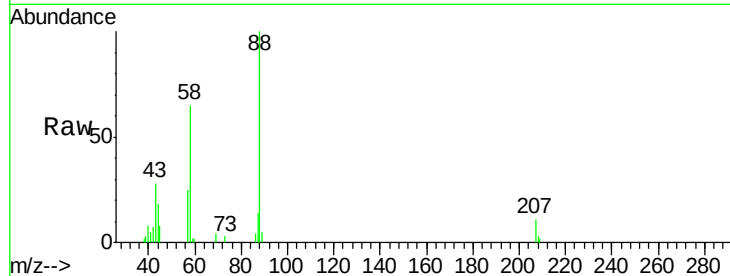
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	5541
Ion Ratio	Lower	Upper	
88	100		
43	35.3	22.7	34.1#
58	71.7	53.1	79.7

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#50

Toluene-d8

Concen: 5.881 ug/l

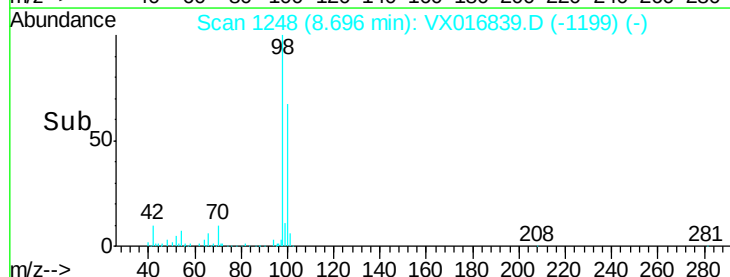
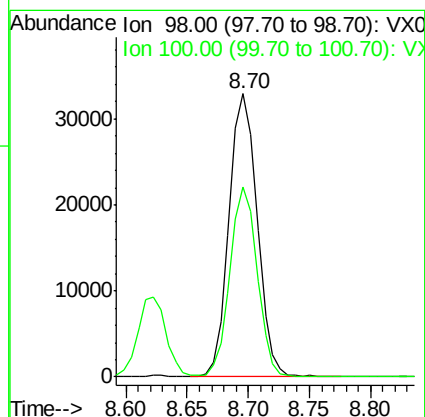
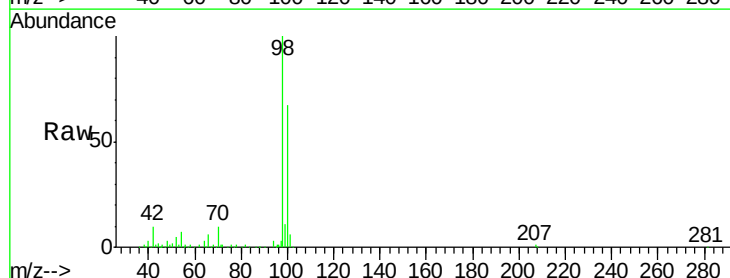
RT: 8.70 min Scan# 1248

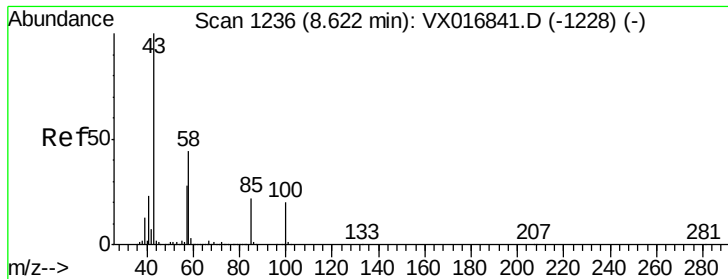
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	98	Resp:	52451
Ion Ratio	Lower	Upper	
98	100		
100	64.9	54.0	81.0





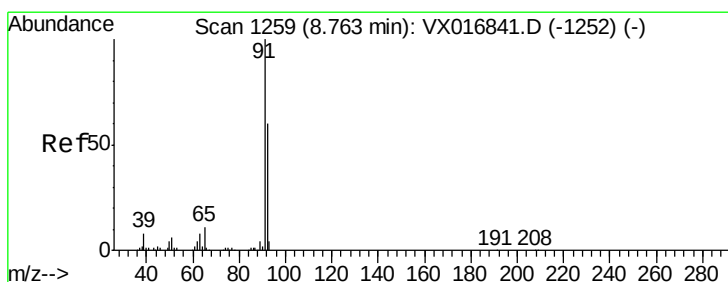
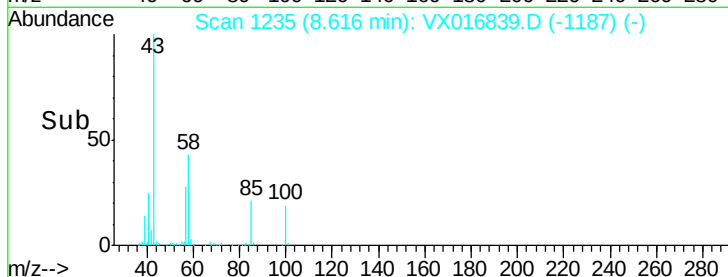
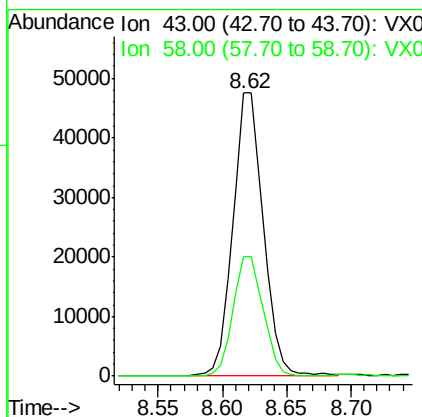
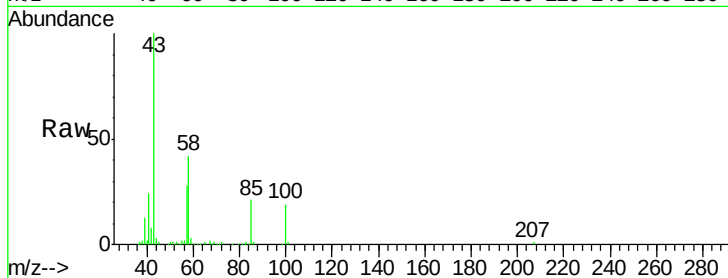
#51
4-Methyl-2-Pentanone
Concen: 21.717 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.5	34.3	51.5

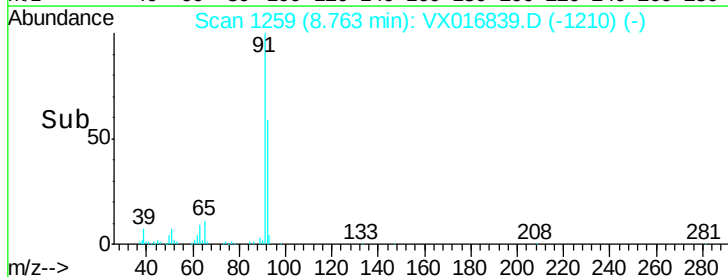
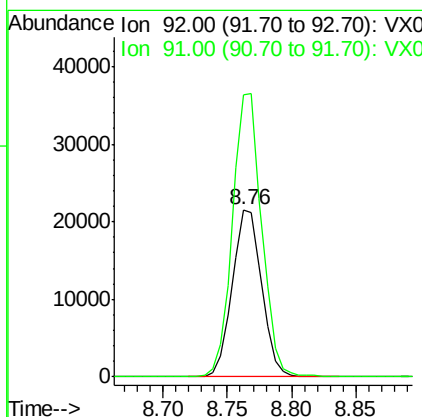
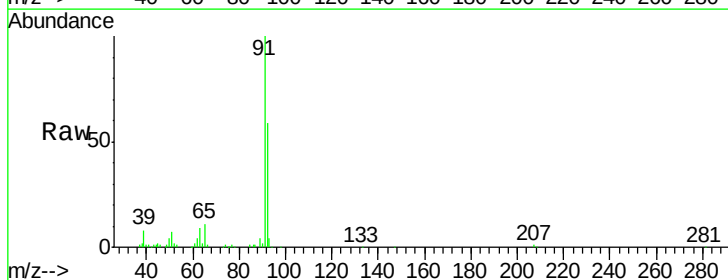
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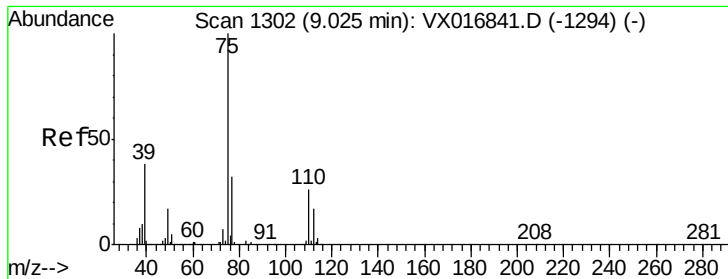
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#52
Toluene
Concen: 5.086 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.7	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 4.681 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 20342

Ion Ratio Lower Upper

75 100

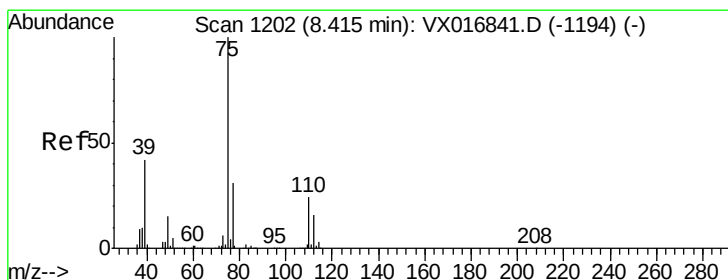
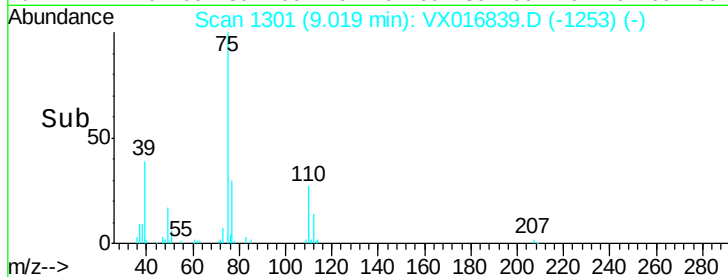
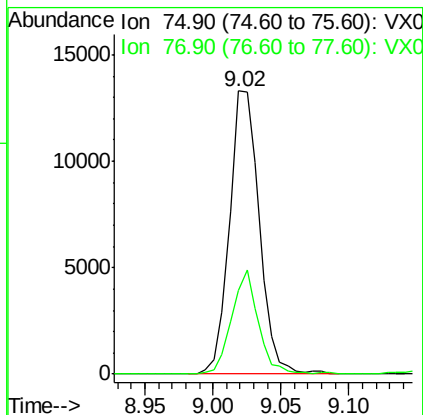
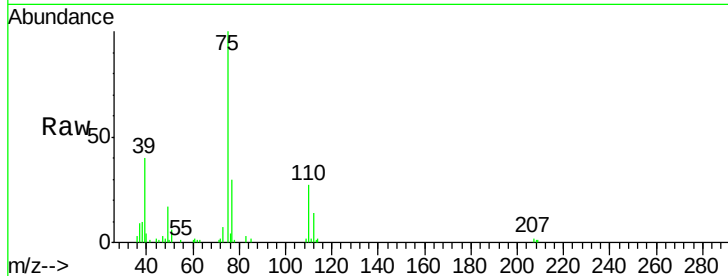
77 29.6 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 5.713 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

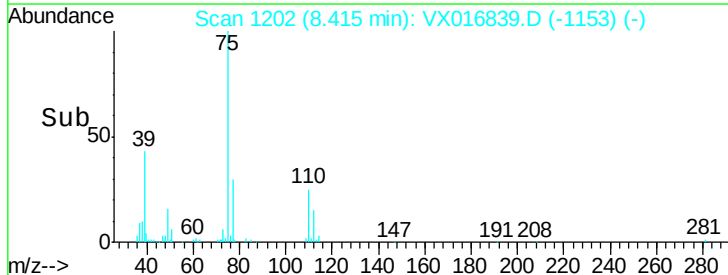
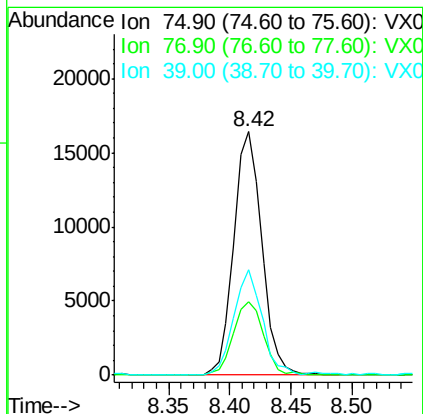
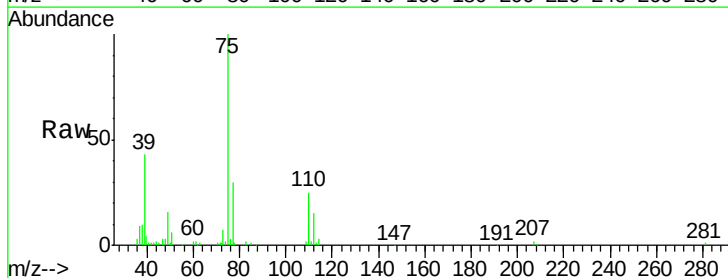
Tgt Ion: 75 Resp: 25994

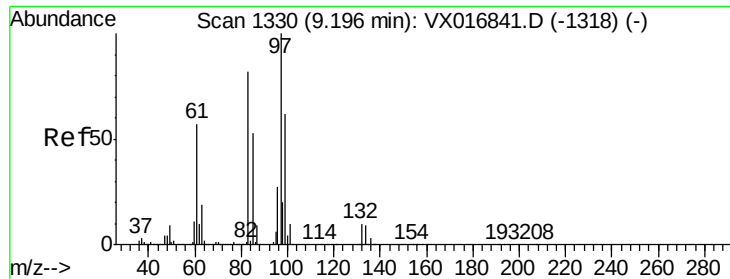
Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3

39 43.2 33.4 50.0





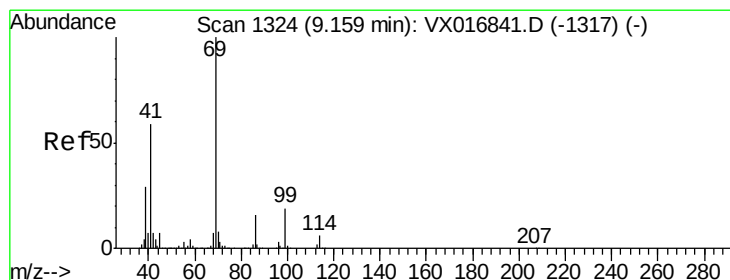
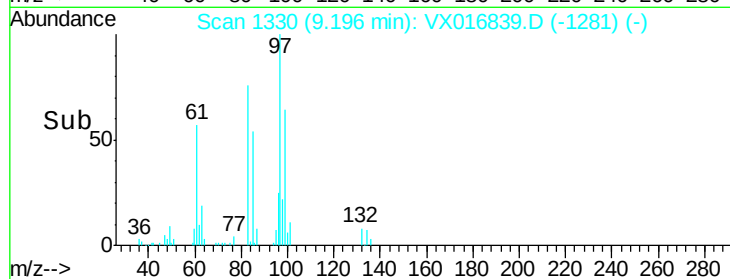
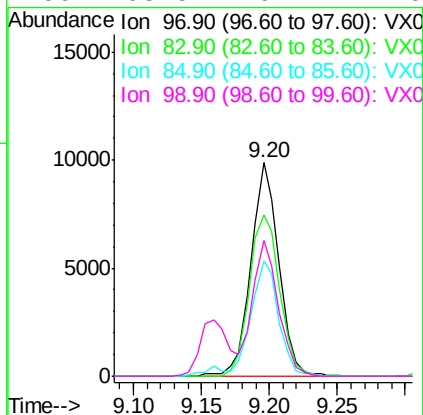
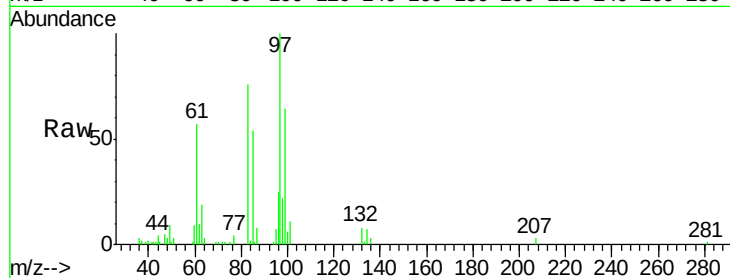
#55
 1,1,2-Trichloroethane
 Concen: 5.192 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		14232		
83	75.6	65.5	98.3		
85	54.1	42.6	63.8		
99	63.5	49.4	74.0		

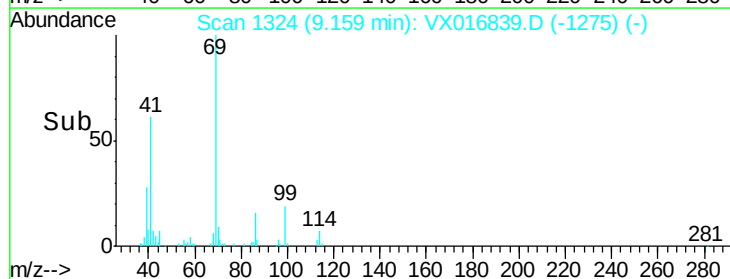
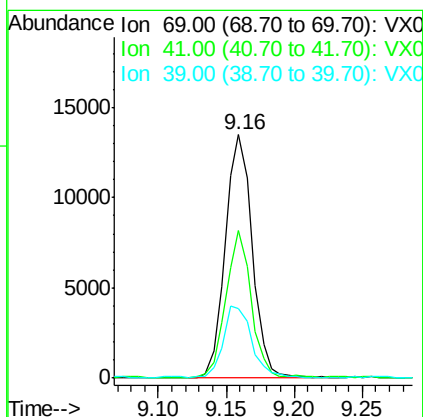
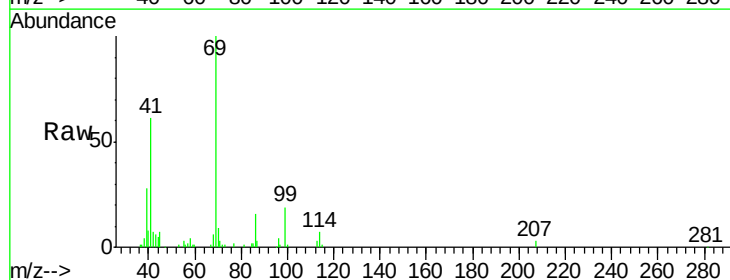
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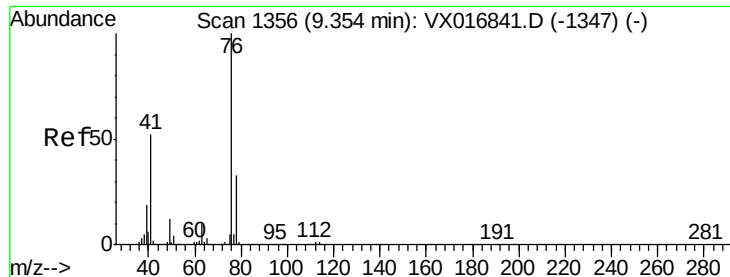
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#56
 Ethyl methacrylate
 Concen: 4.517 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		18587		
41	56.9	47.9	71.9		
39	31.7	24.2	36.4		





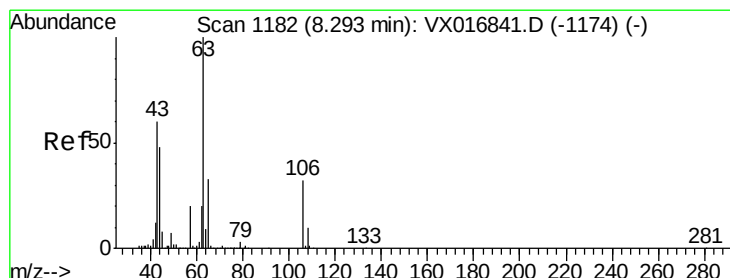
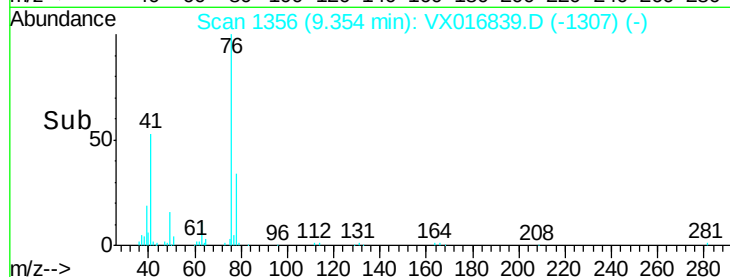
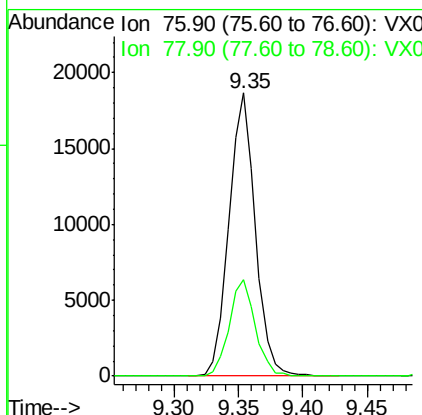
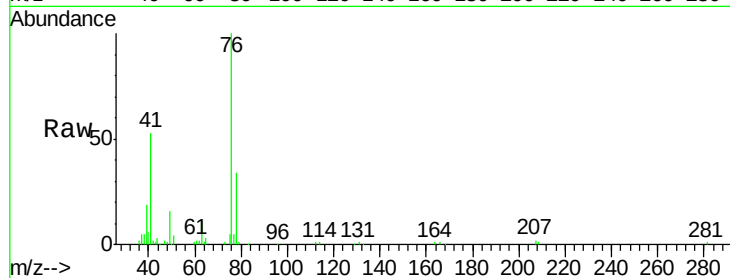
#57
 1,3-Dichloropropane
 Concen: 5.803 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.0	25.8	38.6

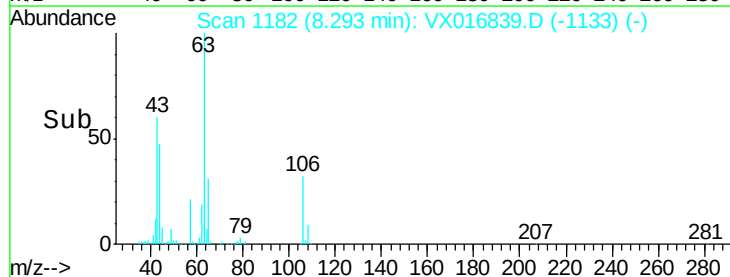
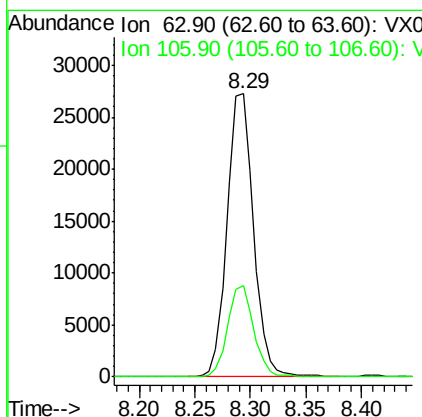
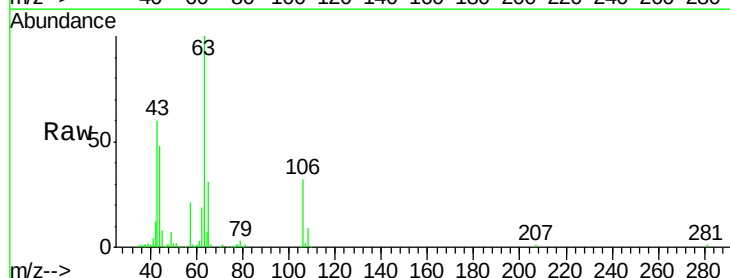
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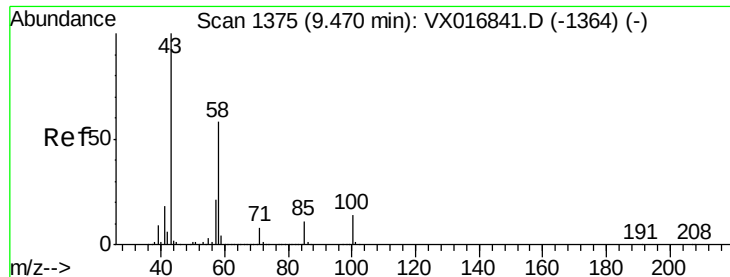
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#58
 2-Chloroethyl Vinyl ether
 Concen: 22.774 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	25.8	38.6





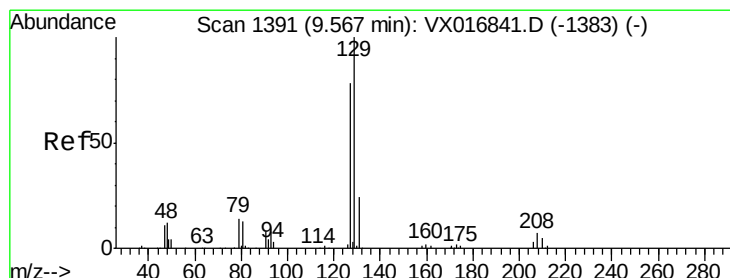
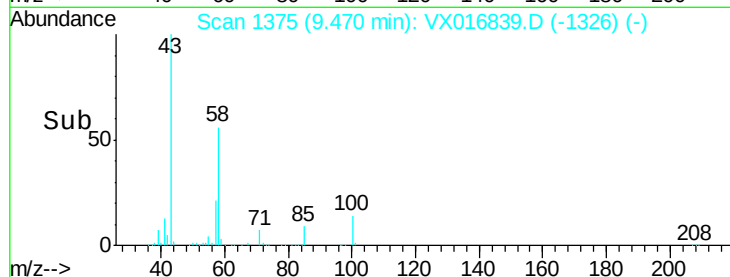
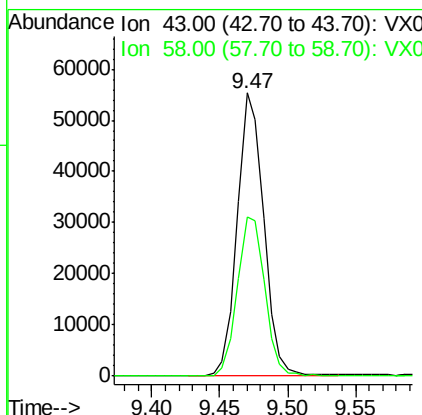
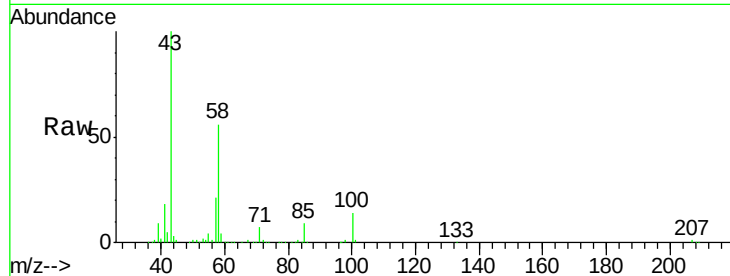
#59
2-Hexanone
Concen: 27.434 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 74861
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.4

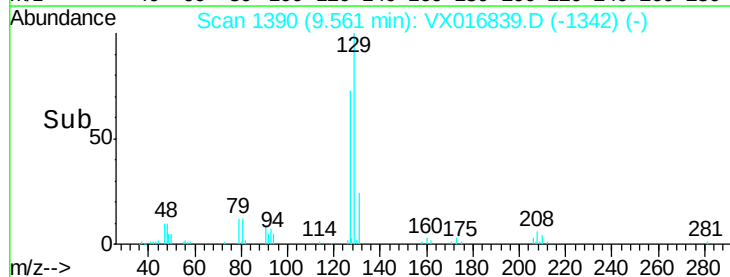
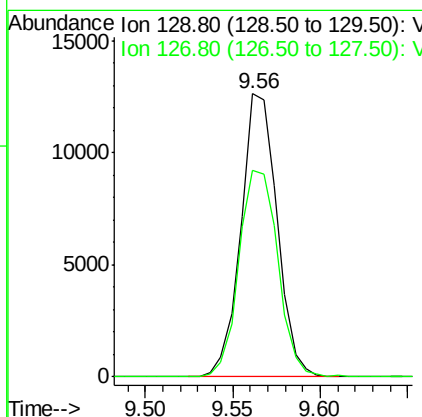
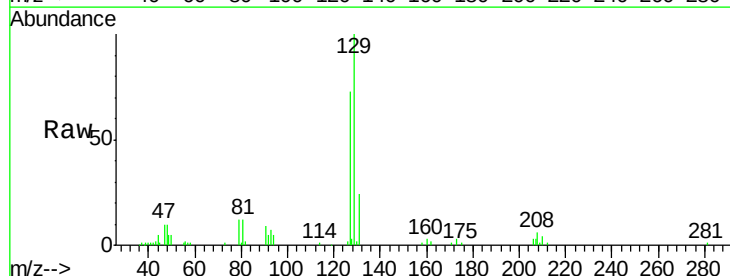
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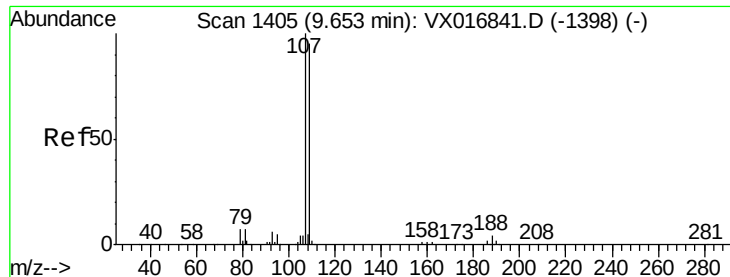
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#60
Dibromochloromethane
Concen: 5.602 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 129 Resp: 18172
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 5.719 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 16900

Ion Ratio Lower Upper

107 100

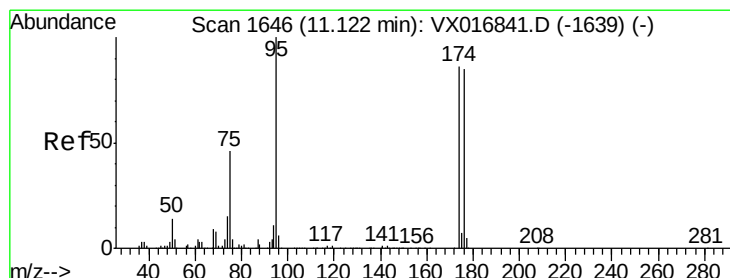
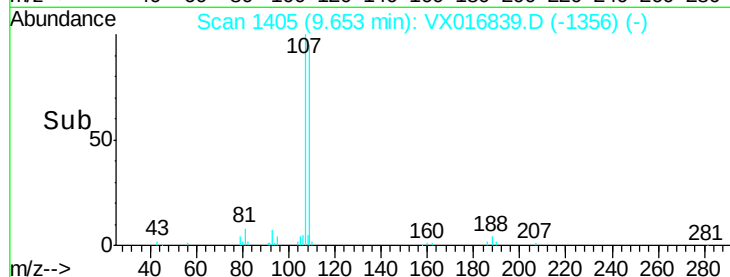
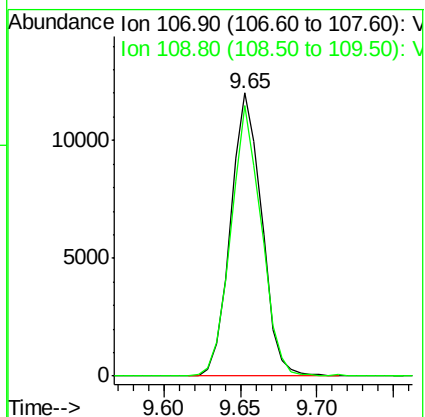
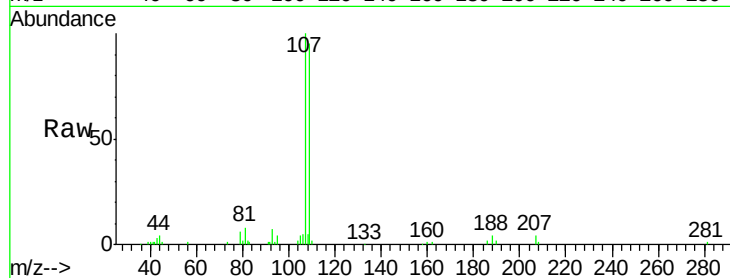
109 93.9 75.4 113.0

Manual Integrations

APPROVED

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#62

4-Bromofluorobenzene

Concen: 5.790 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

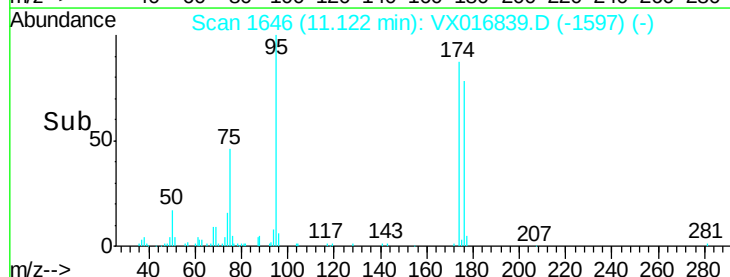
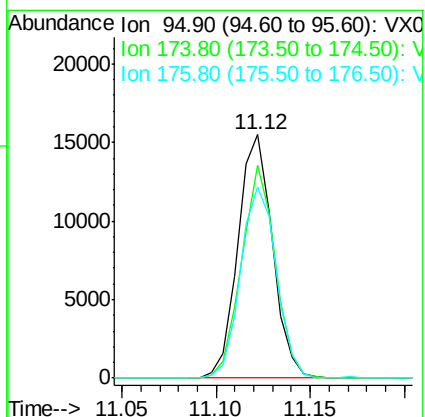
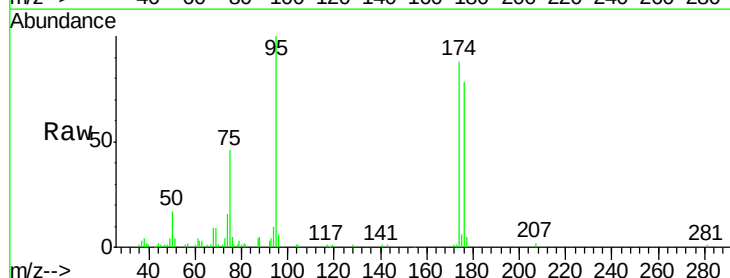
Tgt Ion: 95 Resp: 19668

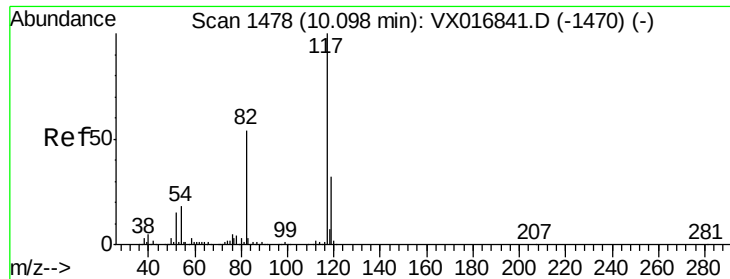
Ion Ratio Lower Upper

95 100

174 85.3 0.0 174.2

176 81.2 0.0 170.0





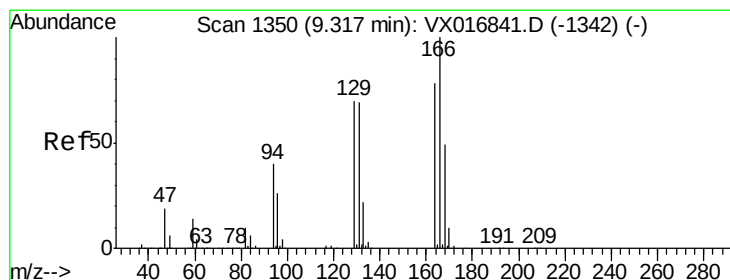
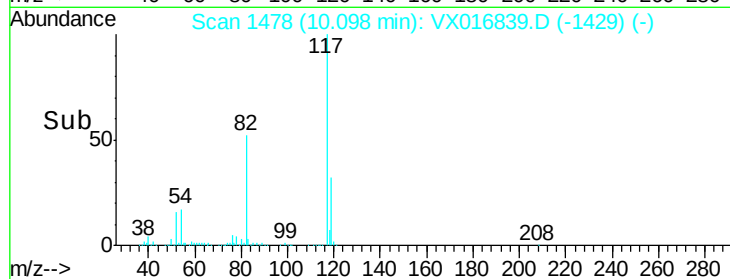
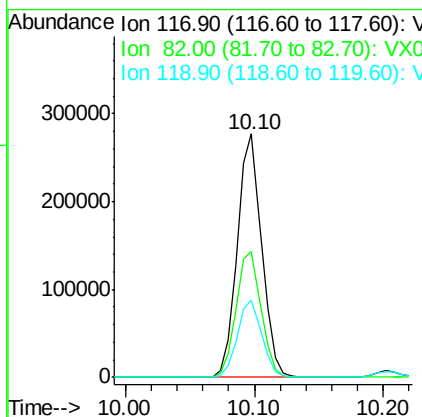
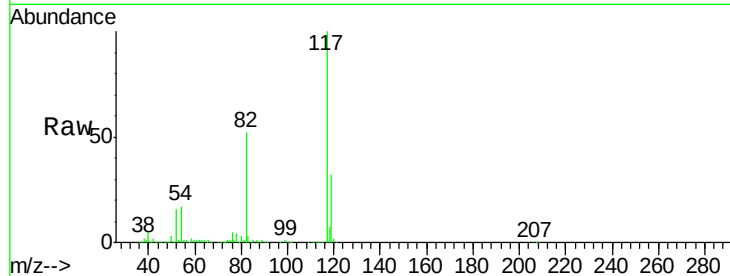
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	363388		
82	51.9	43.4	65.0	
119	31.9	25.7	38.5	

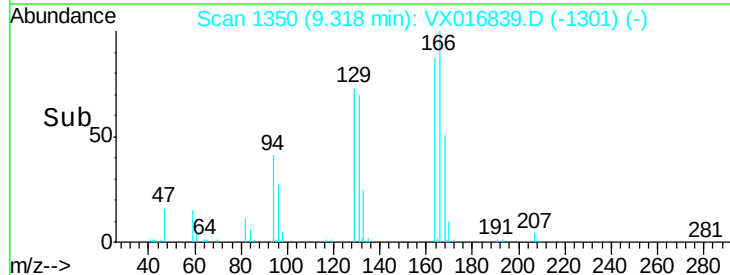
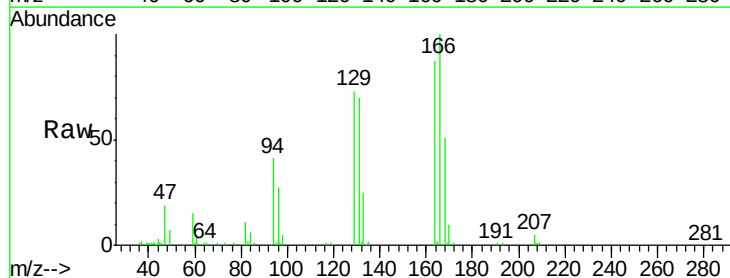
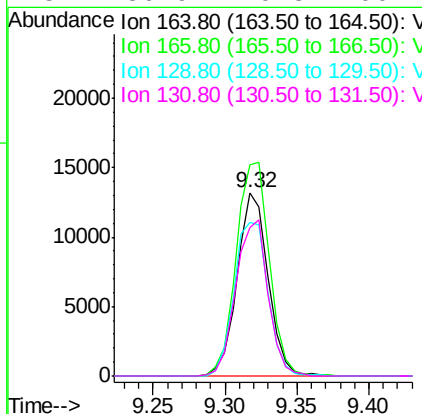
Manual Integrations
APPROVED

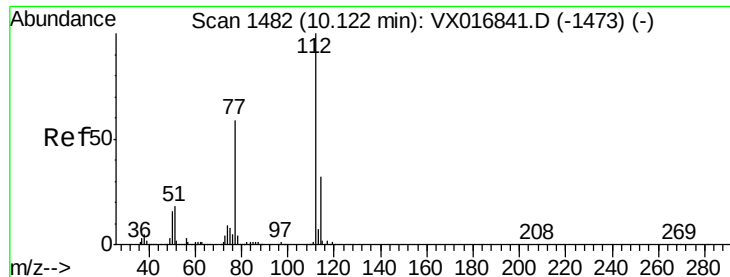
MMDadoda
6/19/2020 12:49:31 PM



#64
Tetrachloroethene
Concen: 5.708 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	19679		
166	114.9	102.6	153.8	
129	83.6	72.2	108.2	
131	80.9	70.8	106.2	





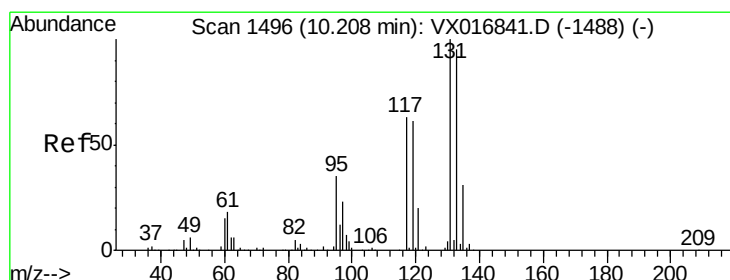
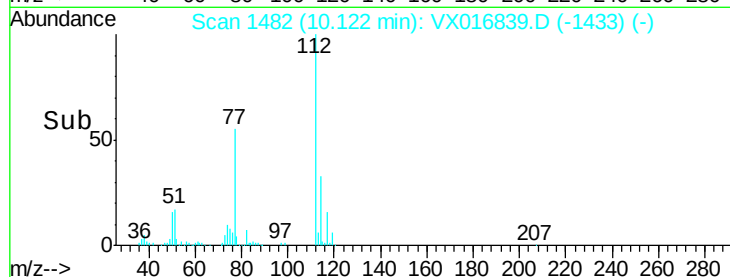
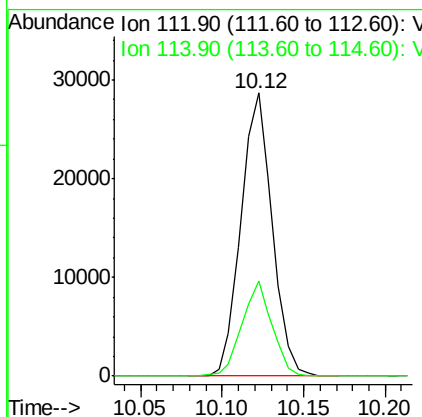
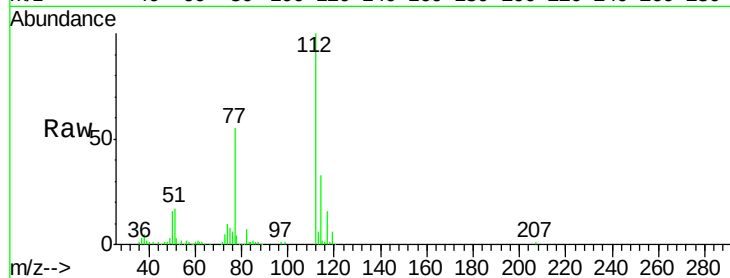
#65
Chlorobenzene
Concen: 5.196 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.5	38.3

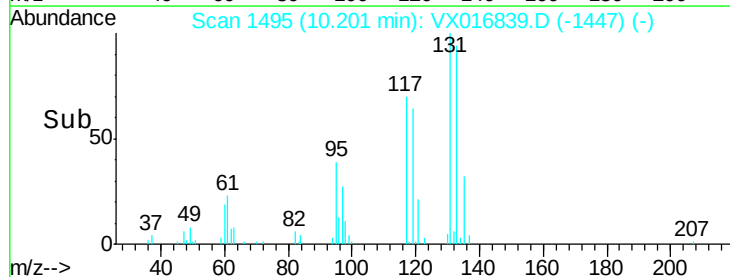
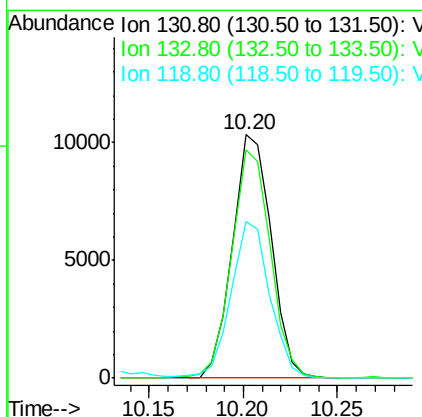
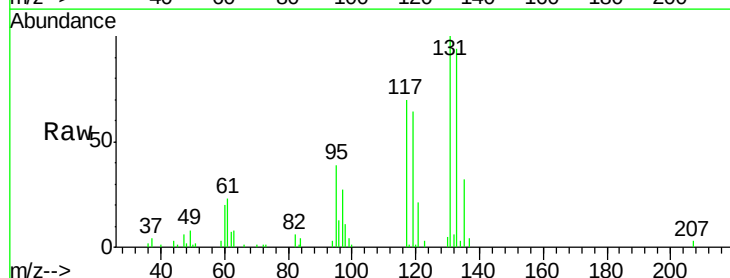
Manual Integrations
APPROVED

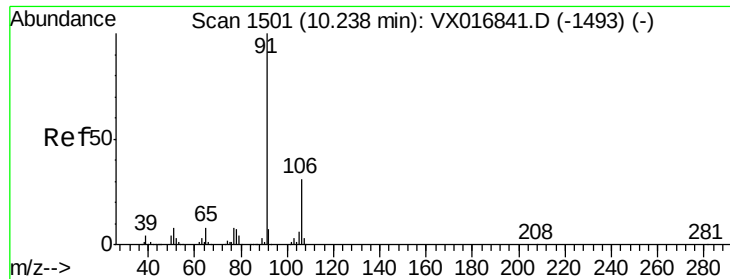
MMDadoda
6/19/2020 12:49:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.096 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.7	143.1
119	64.5	30.8	92.4





#67

Ethyl Benzene

Concen: 5.101 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 62817

Ion Ratio Lower Upper

91 100

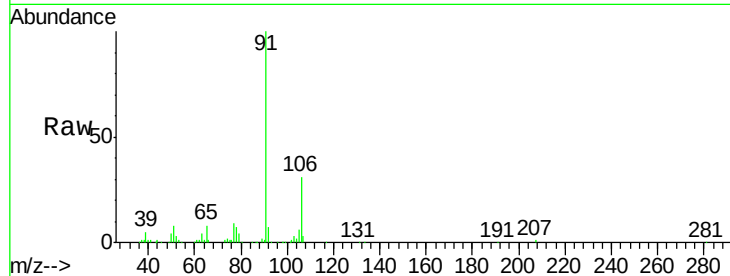
106 31.4 25.1 37.7

Manual Integrations

APPROVED

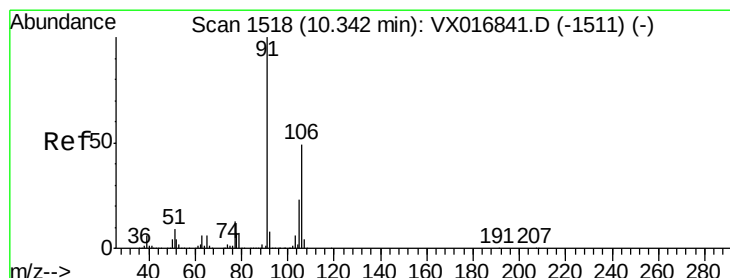
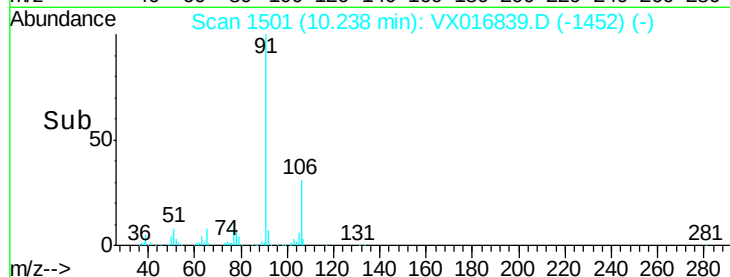
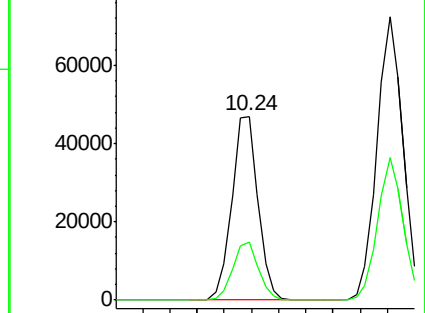
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.171 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016839.D

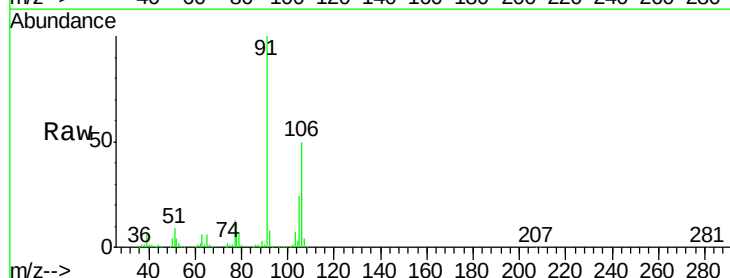
Acq: 18 Jun 2020 11:02

Tgt Ion: 106 Resp: 47323

Ion Ratio Lower Upper

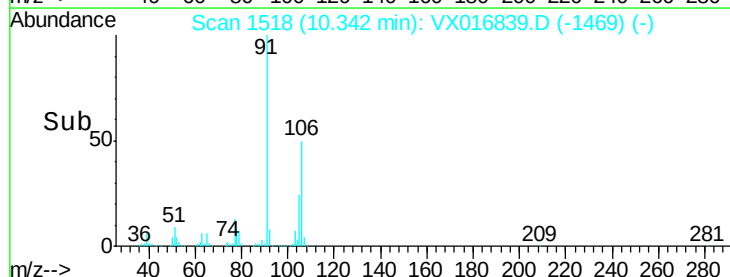
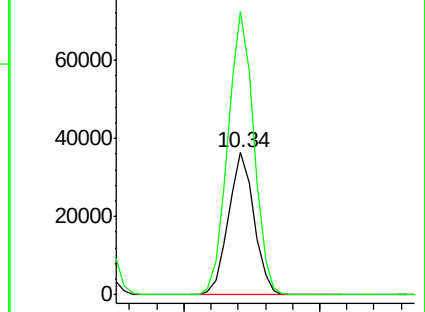
106 100

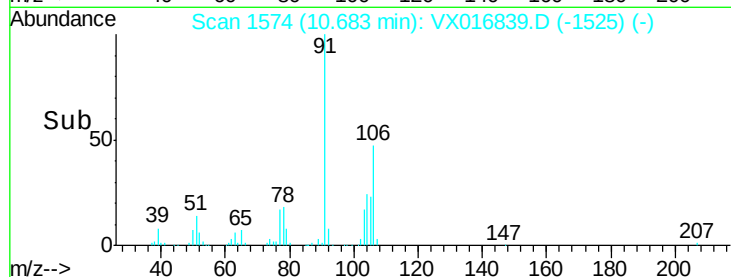
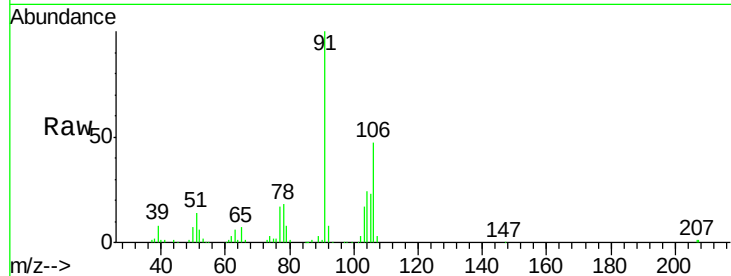
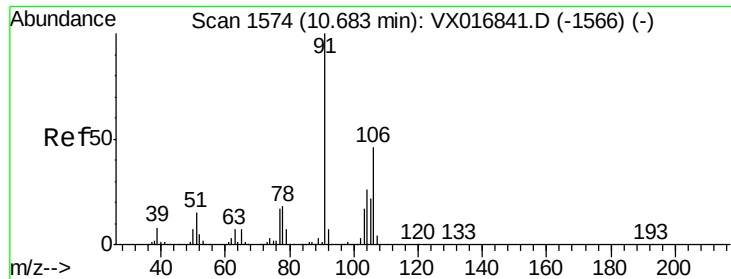
91 202.3 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





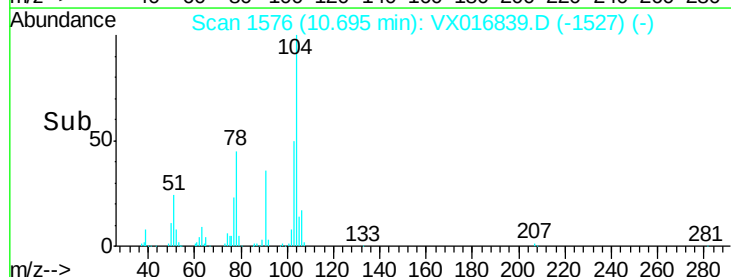
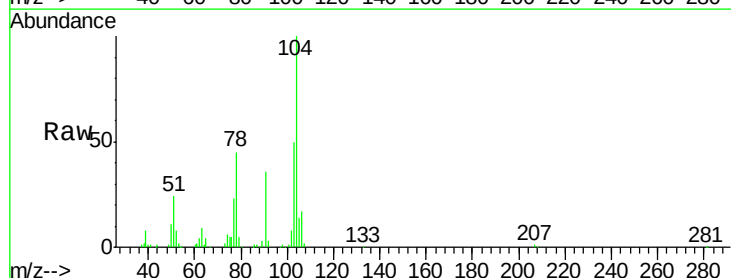
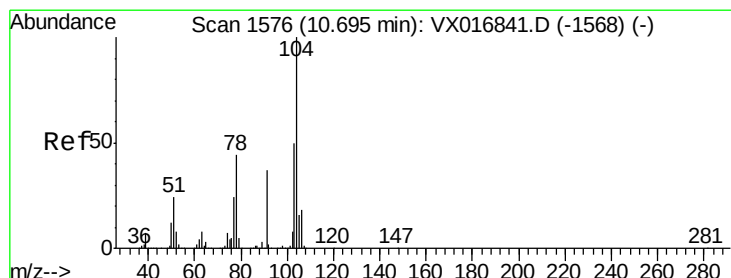
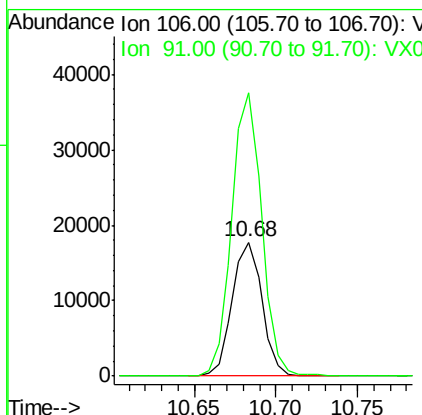
#69
o-Xylene
Concen: 5.051 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tot Ion:106 Resp: 22582
Ion Ratio Lower Upper
106 100
91 212.8 107.9 323.7

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

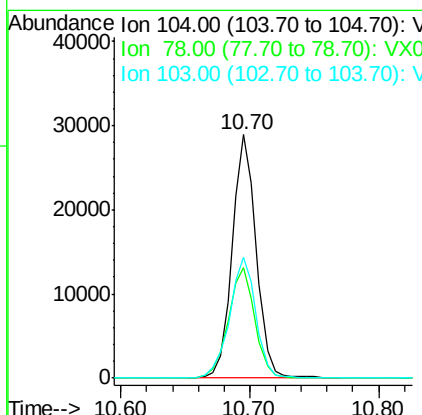
Manual Integrations
APPROVED

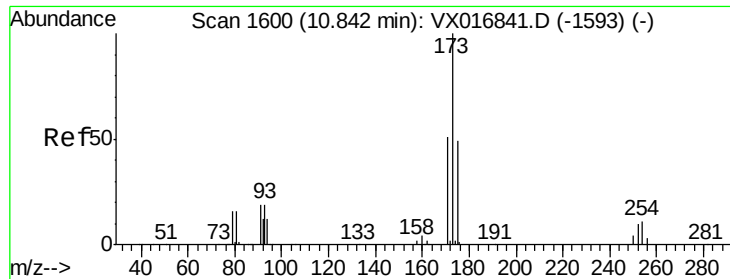
MMDadoda
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#70
Styrene
Concen: 4.852 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion:104 Resp: 37482
Ion Ratio Lower Upper
104 100
78 50.5 39.6 59.4
103 54.5 43.3 64.9





#71

Bromoform

Concen: 4.923 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

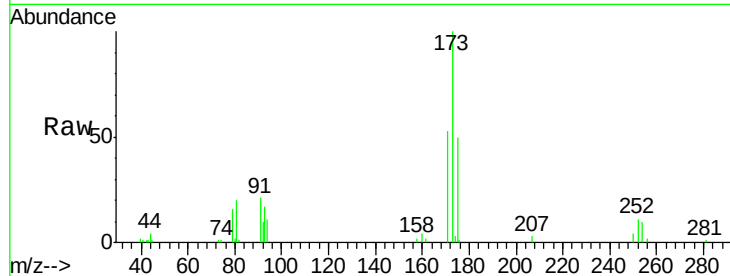
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.3	73.0
254	0.0	0.1	0.1#

Manual Integrations
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6/19/2020 12:49:31 PM

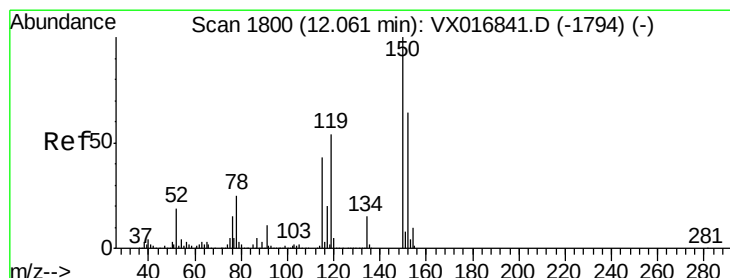
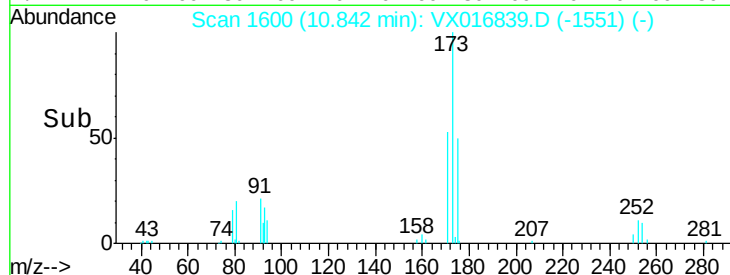
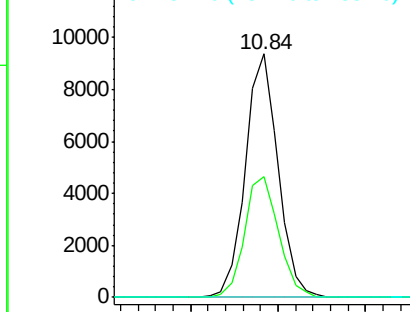


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

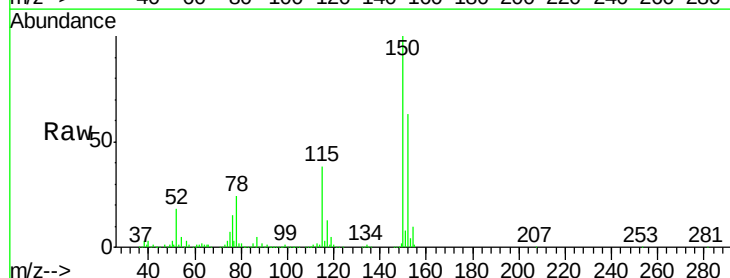
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	40.9	122.8
150	158.9	0.0	344.2

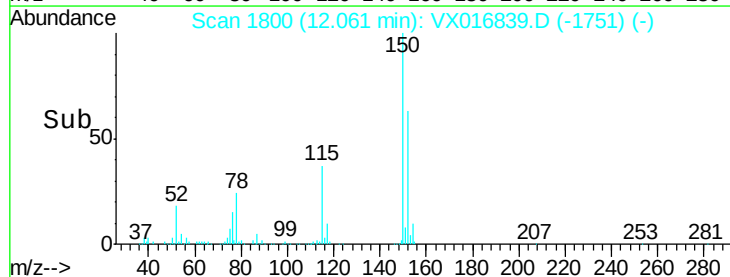
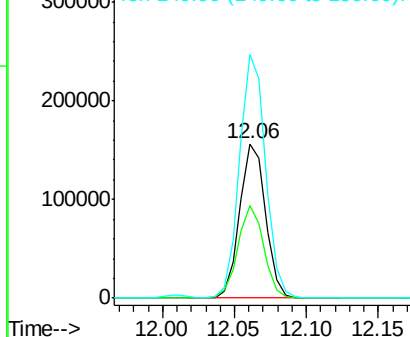


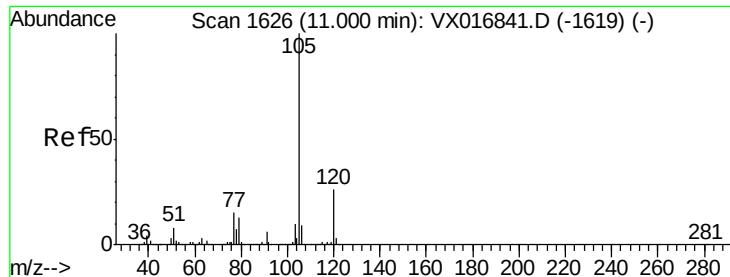
Abundance

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: 4.835 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 62012

Ion Ratio Lower Upper

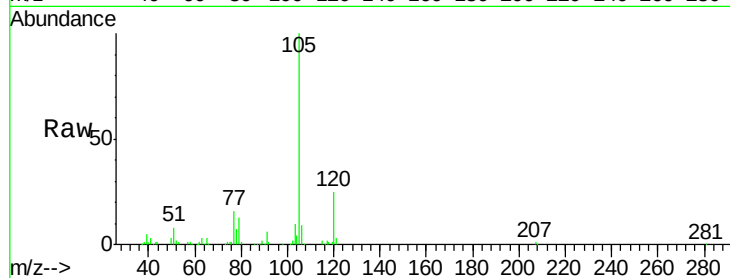
105 100

120 26.0 13.2 39.6

Manual Integrations
APPROVED

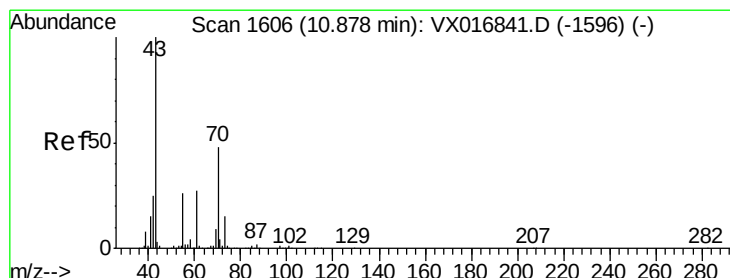
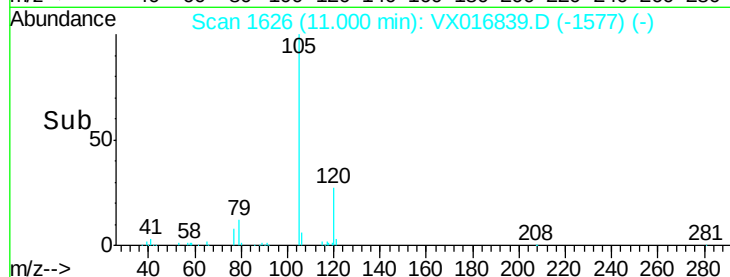
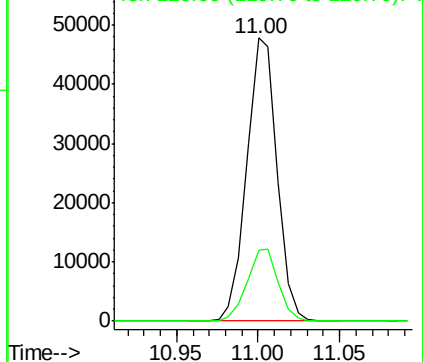
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.282 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion: 43 Resp: 21095

Ion Ratio Lower Upper

43 100

70 48.9 39.9 59.9

55 28.2 21.8 32.6

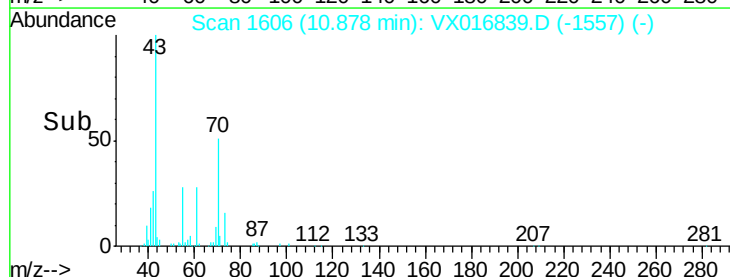
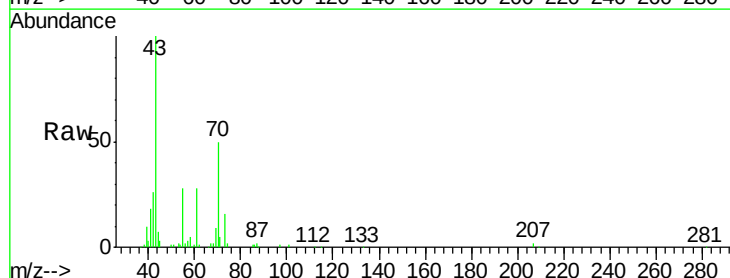
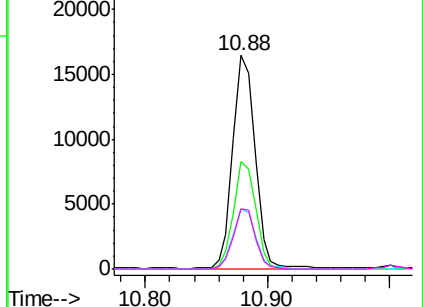
61 27.1 22.2 33.4

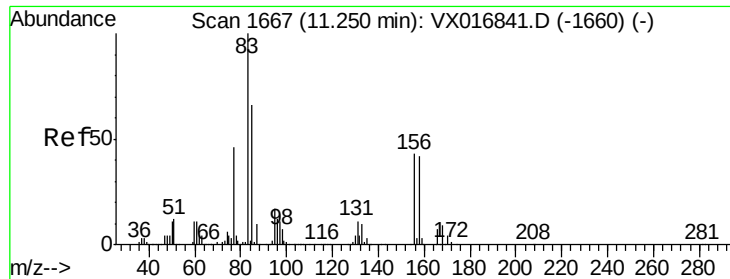
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.884 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

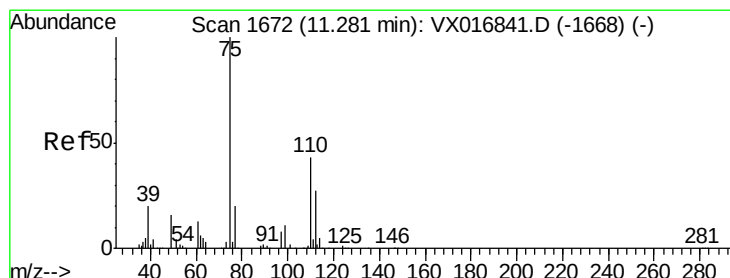
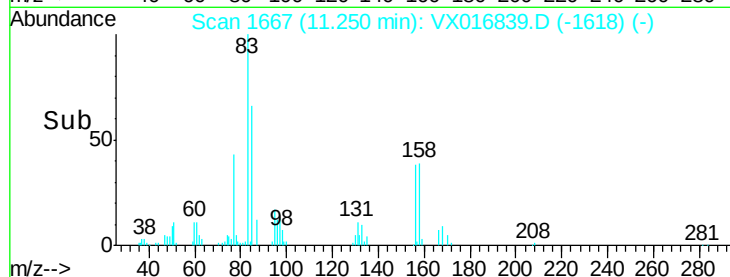
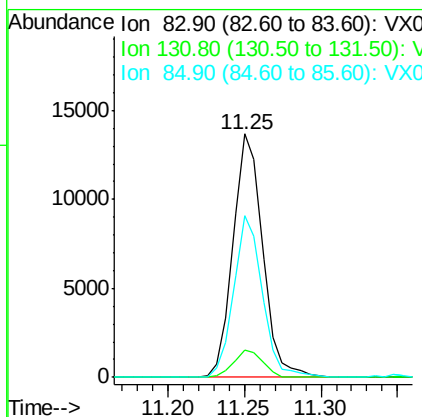
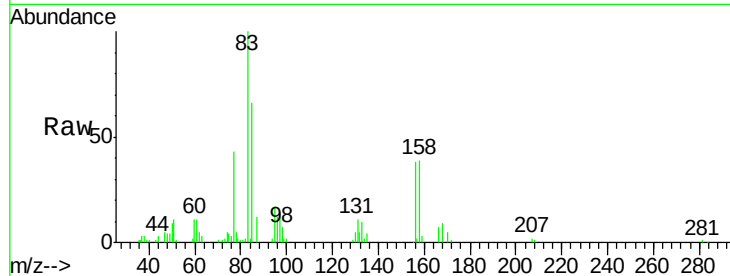
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	18337
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	64.6	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.796 ug/l m

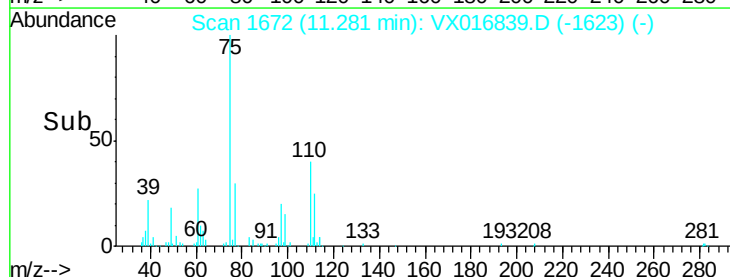
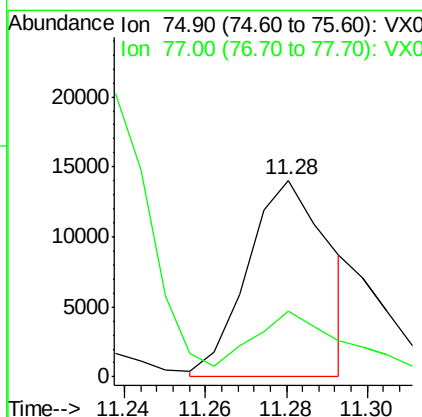
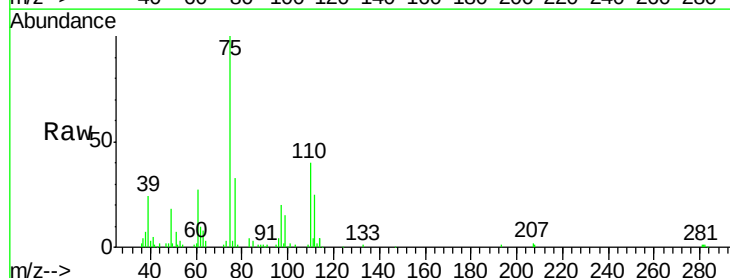
RT: 11.28 min Scan# 1672

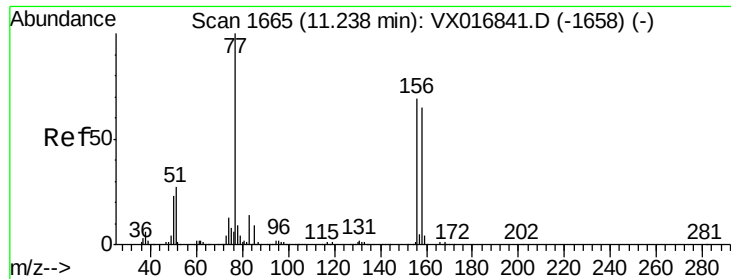
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	75	Resp:	19448
Ion Ratio	Lower	Upper	
75	100		
77	39.7	20.5	61.5





#77

Bromobenzene

Concen: 4.884 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

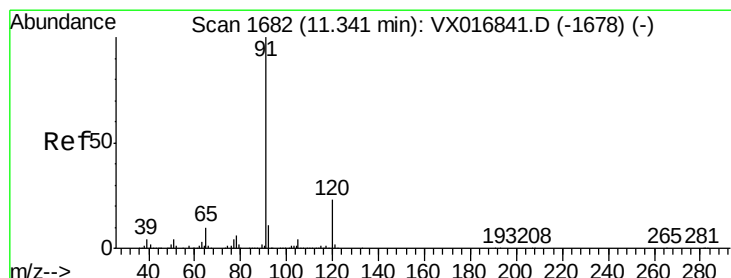
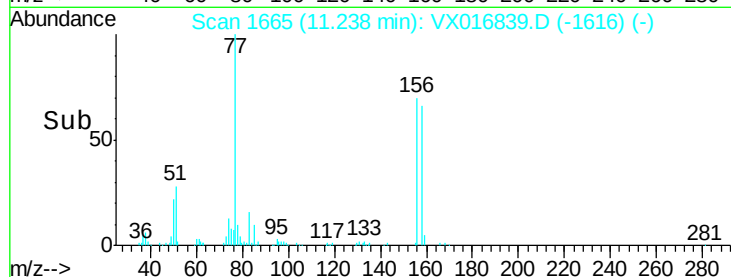
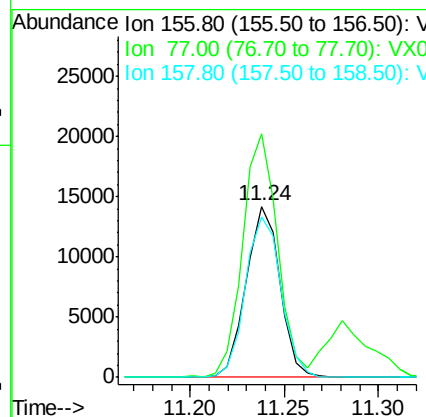
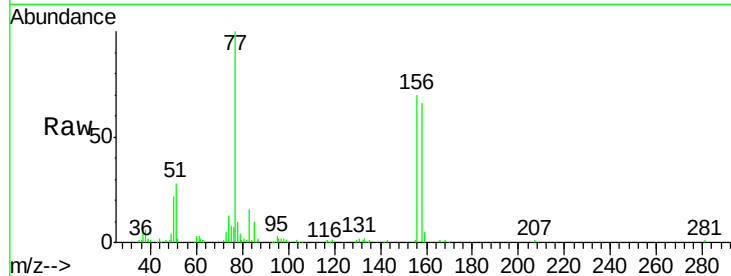
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	17697
Ion Ratio	Lower	Upper	
156	100		
77	146.9	73.4	220.2
158	98.8	48.8	146.3

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#78

n-propylbenzene

Concen: 5.000 ug/l

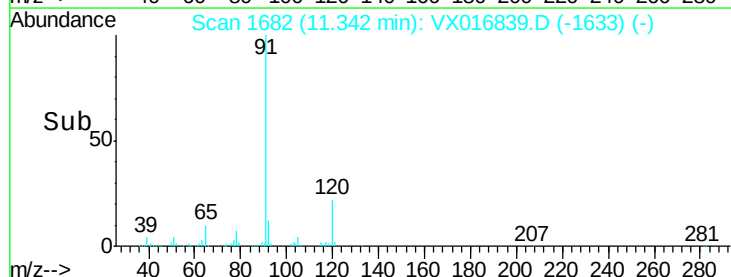
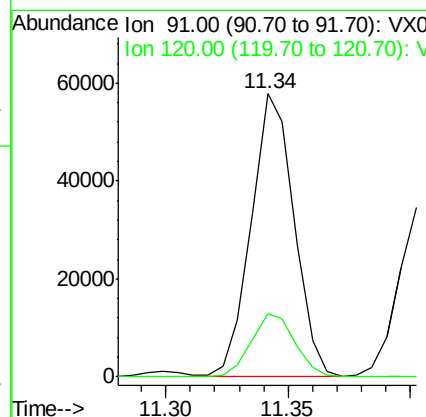
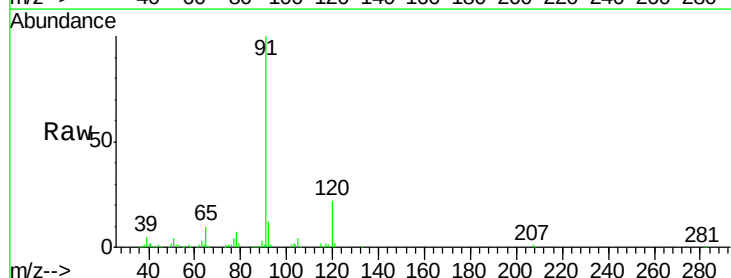
RT: 11.34 min Scan# 1682

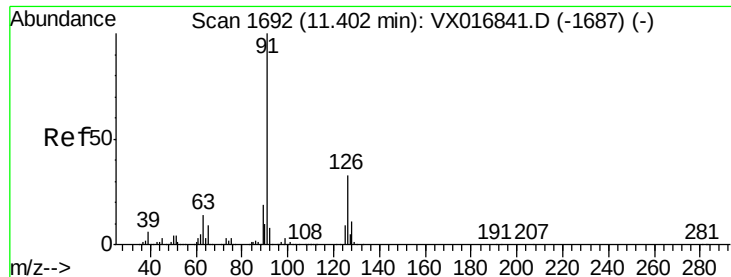
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	91	Resp:	70019
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.9	35.5





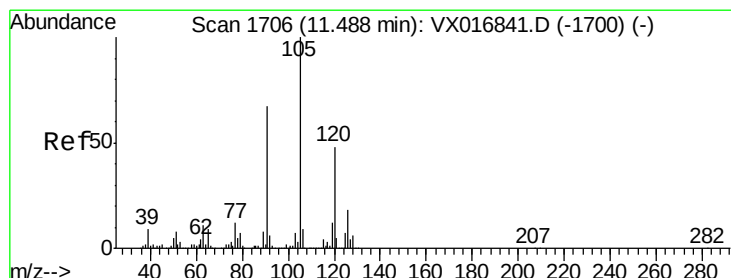
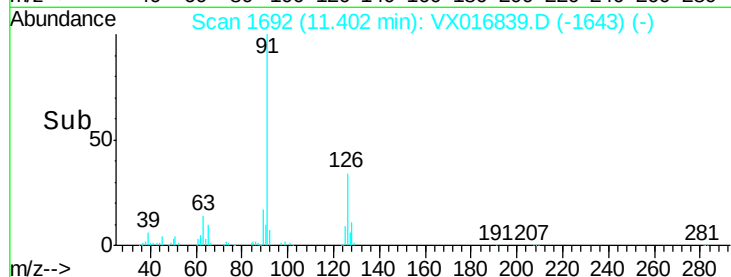
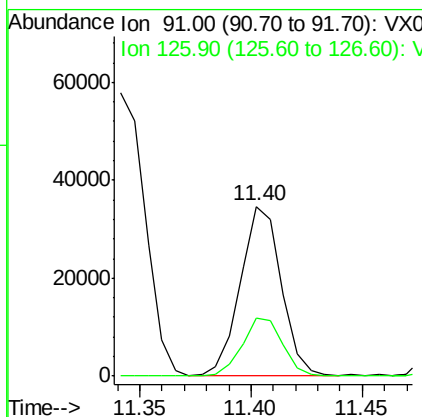
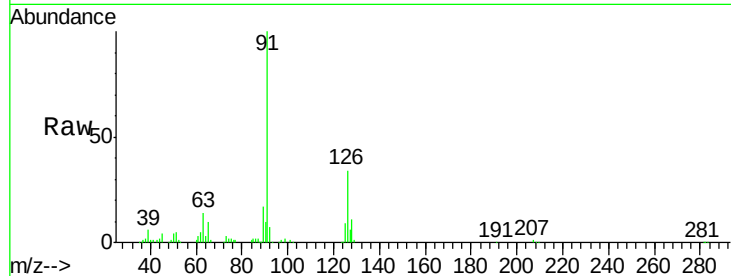
#79
2-Chlorotoluene
Concen: 4.999 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 44180
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

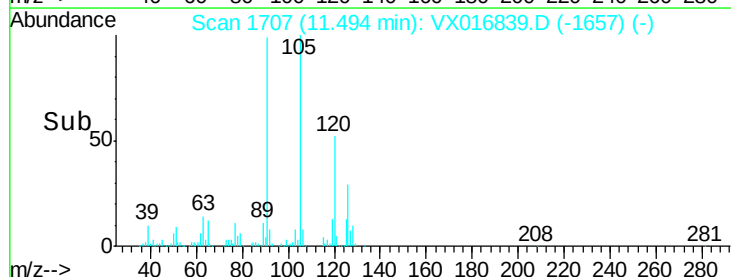
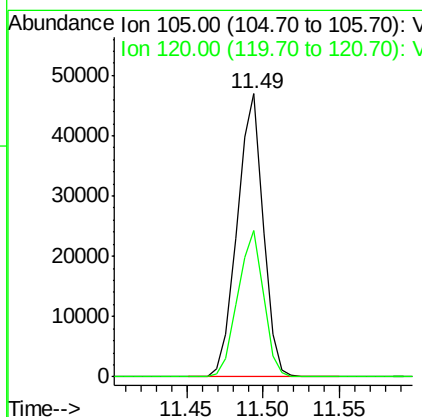
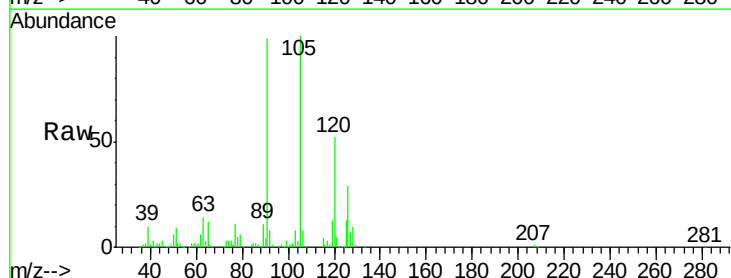
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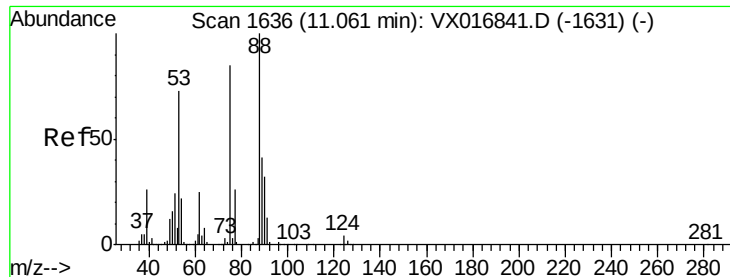
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#80
1,3,5-Trimethylbenzene
Concen: 5.104 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion: 105 Resp: 55157
Ion Ratio Lower Upper
105 100
120 51.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.213 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

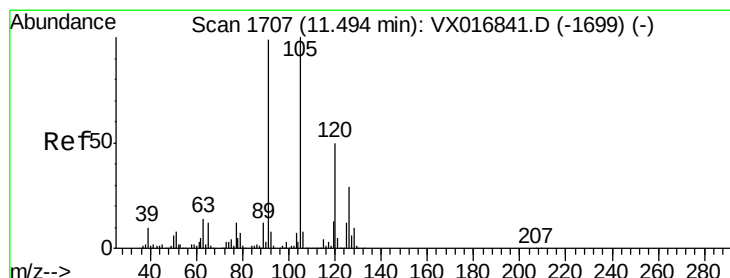
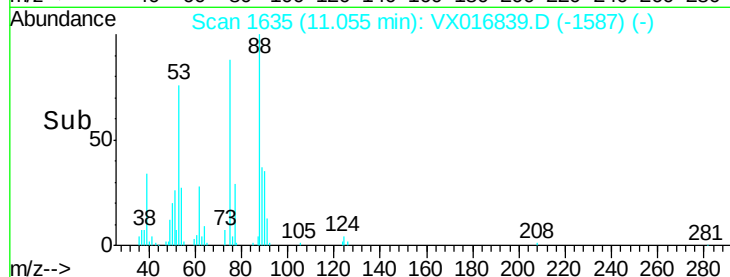
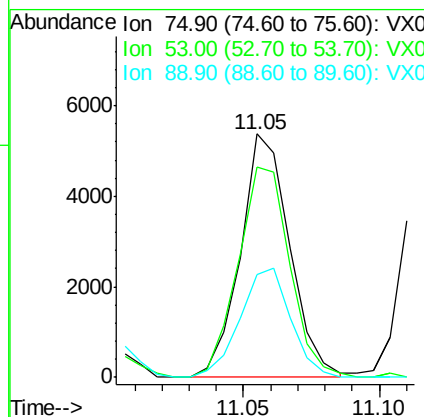
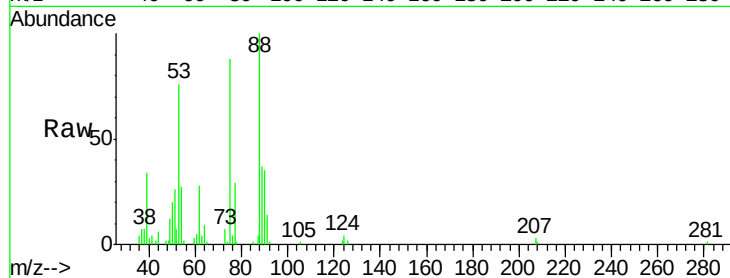
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	6740
Ion	Ratio	Lower	Upper
75	100		
53	90.7	69.8	104.8
89	46.1	38.3	57.5

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#82

4-Chlorotoluene

Concen: 5.295 ug/l

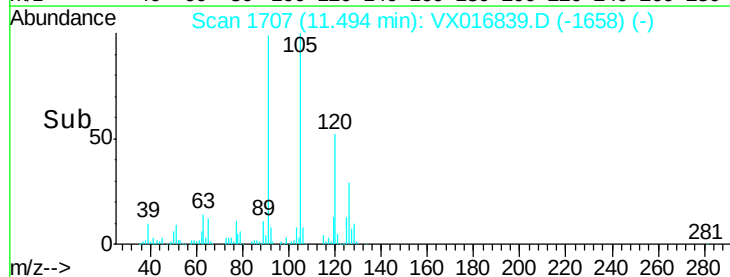
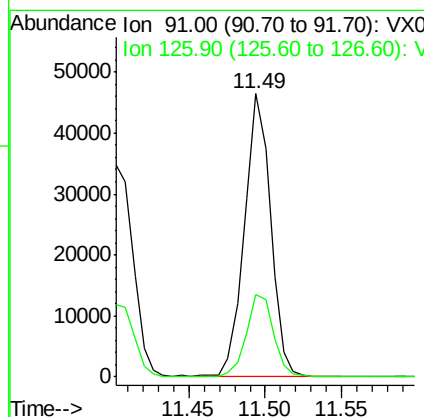
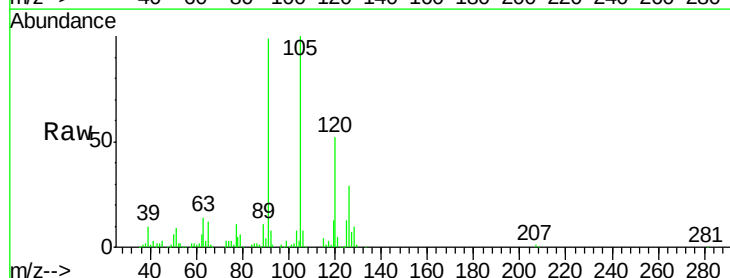
RT: 11.49 min Scan# 1707

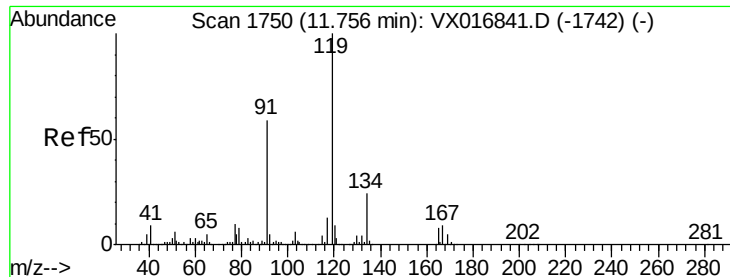
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	91	Resp:	55015
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.0	45.0





#83

tert-Butylbenzene

Concen: 5.594 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

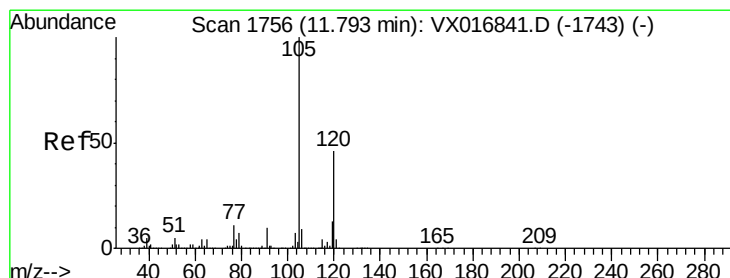
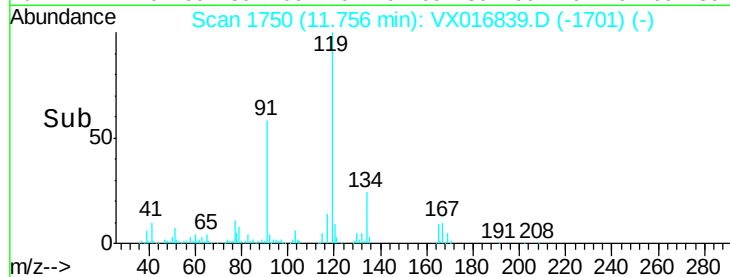
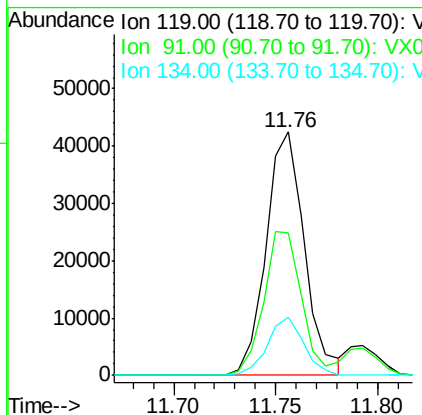
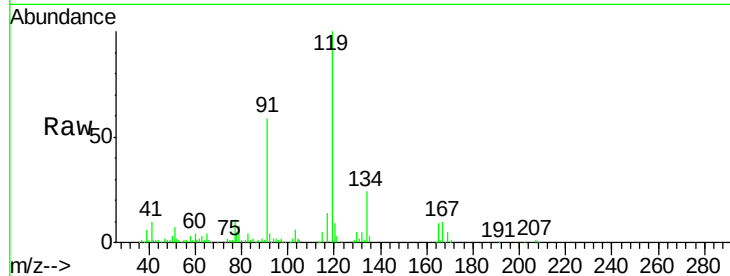
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	55623
Ion Ratio	Lower	Upper	
119	100		
91	57.9	28.5	85.5
134	22.5	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 5.125 ug/l

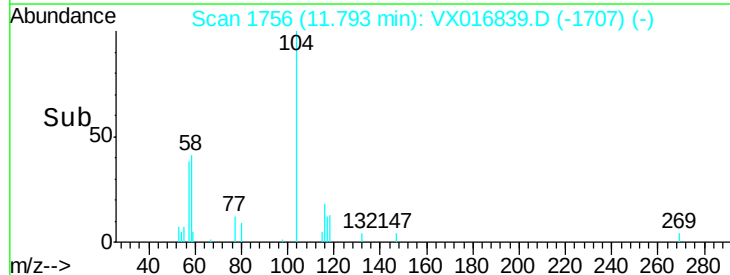
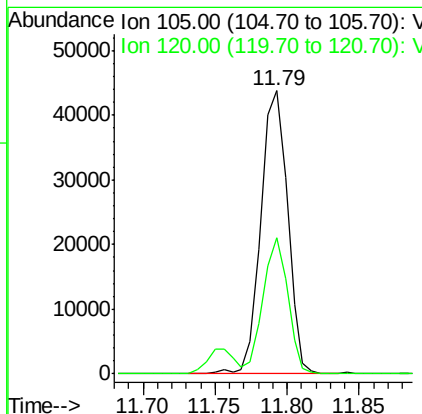
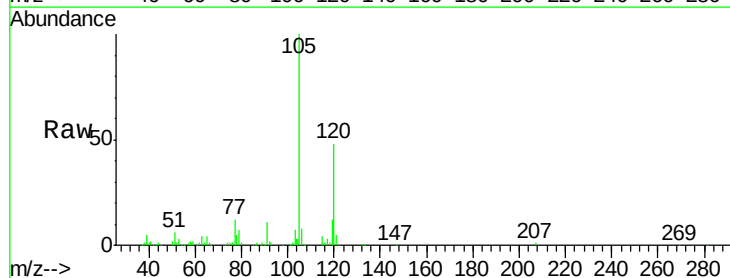
RT: 11.79 min Scan# 1756

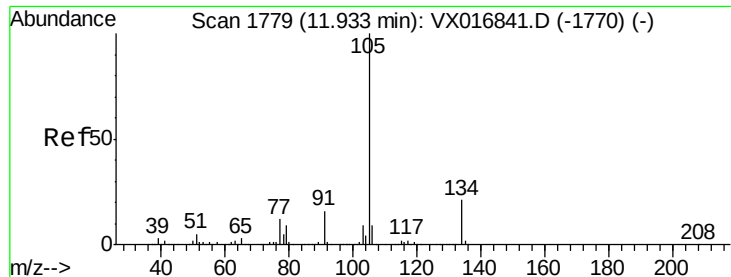
Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	105	Resp:	56061
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.3	66.9





#85

sec-Butylbenzene

Concen: 5.711 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 66121

Ion Ratio Lower Upper

105 100

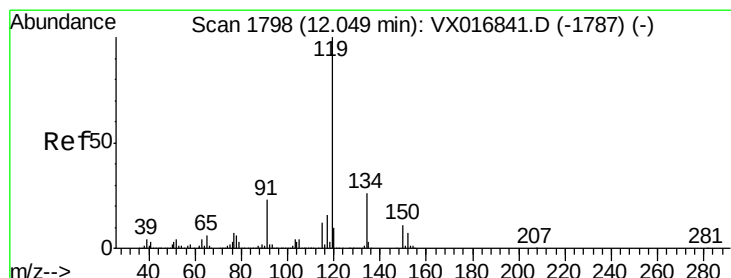
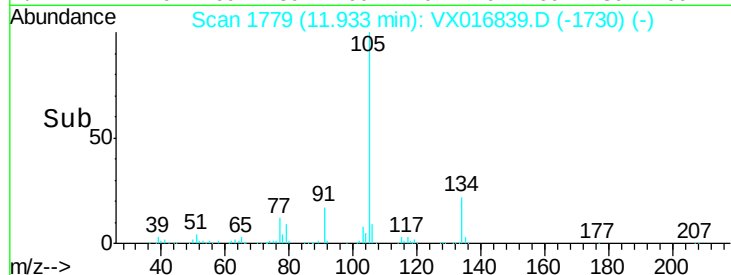
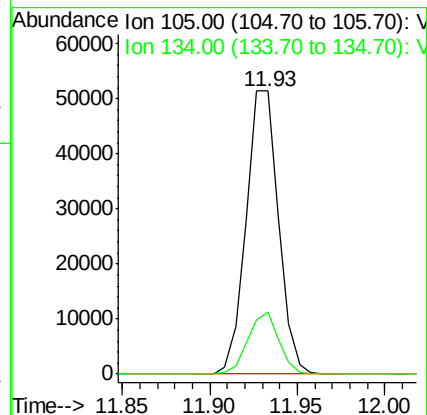
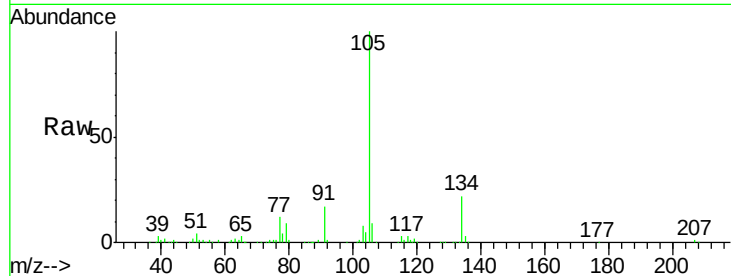
134 20.7 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 5.077 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

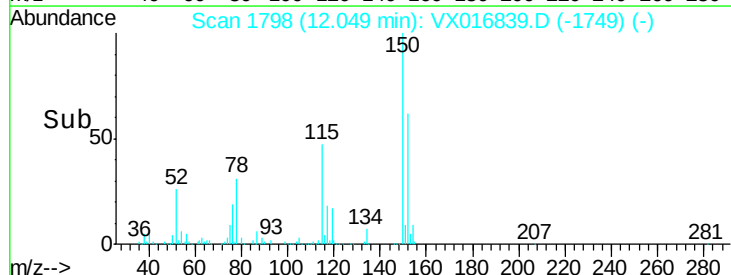
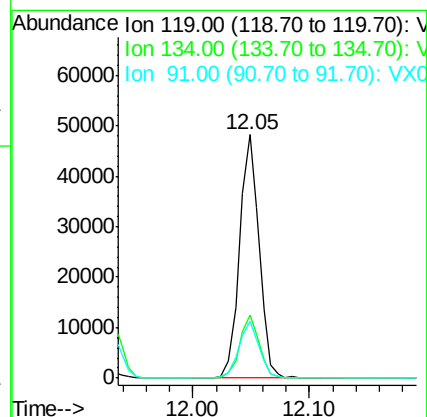
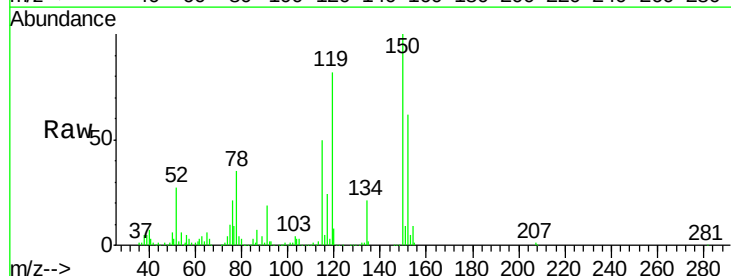
Tgt Ion:119 Resp: 56533

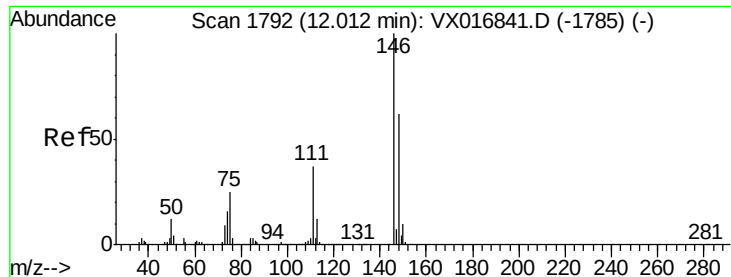
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.2 11.6 34.8





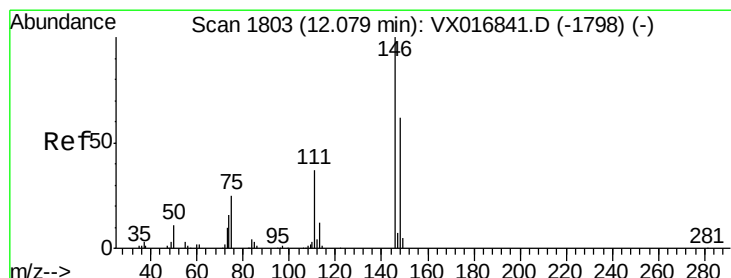
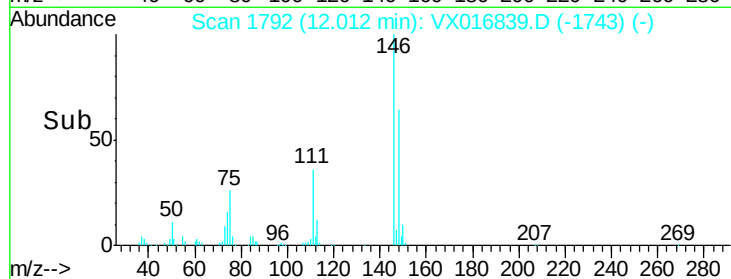
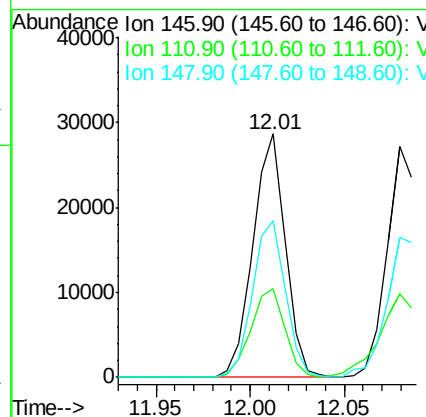
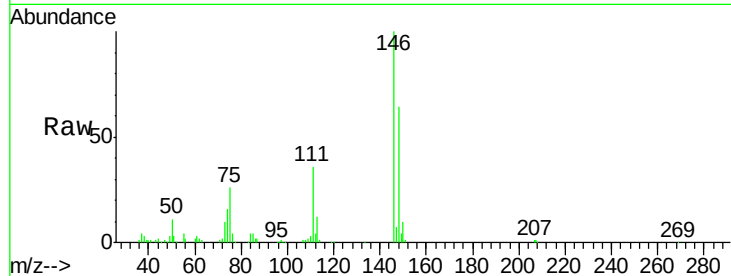
#87
 1,3-Dichlorobenzene
 Concen: 5.557 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	65.4	31.8	95.3

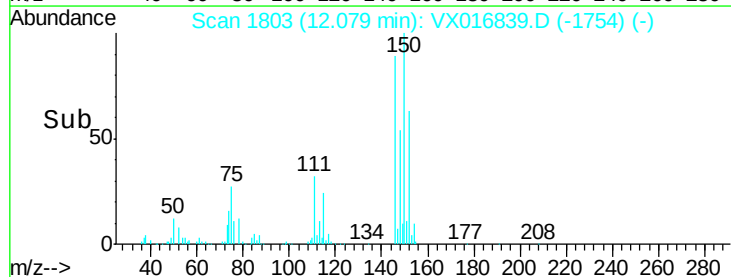
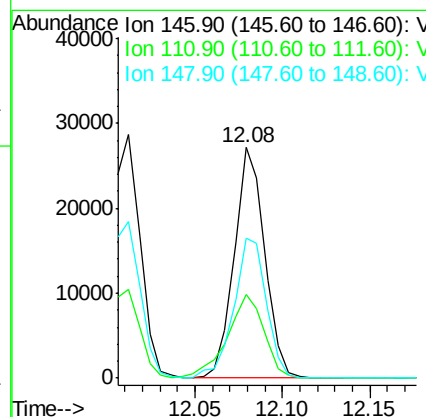
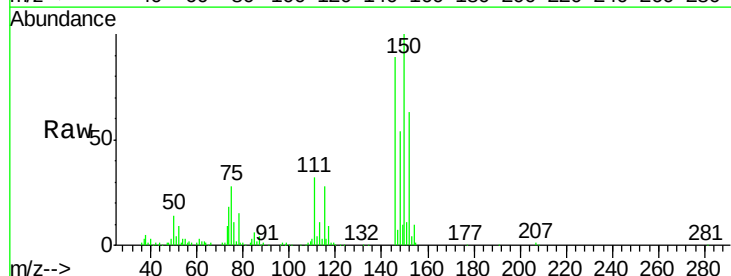
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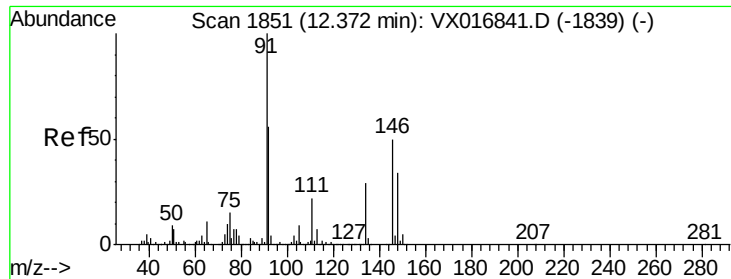
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#88
 1,4-Dichlorobenzene
 Concen: 5.166 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	19.0	57.0
148	64.9	31.6	95.0





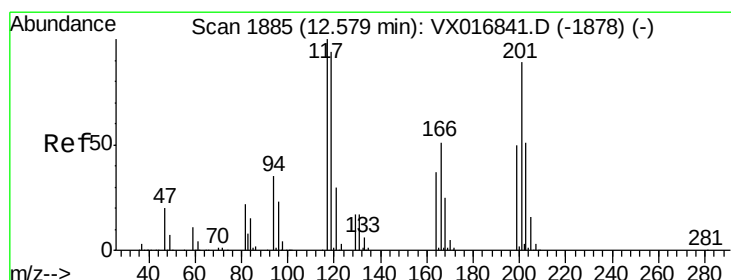
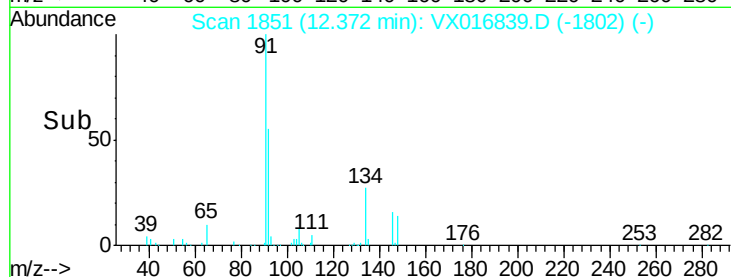
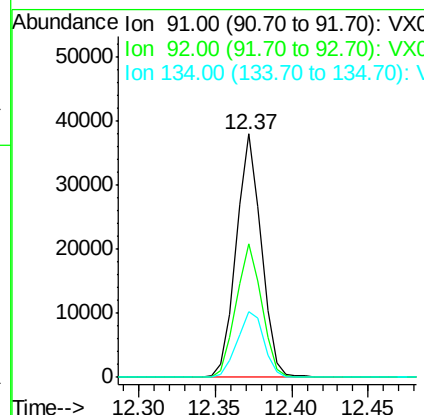
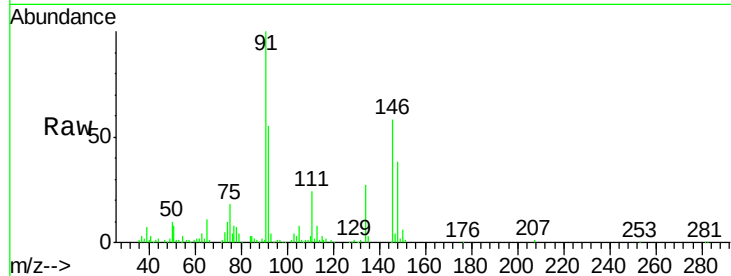
#89
n-Butylbenzene
Concen: 4.670 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.4	82.2
134	28.9	13.9	41.6

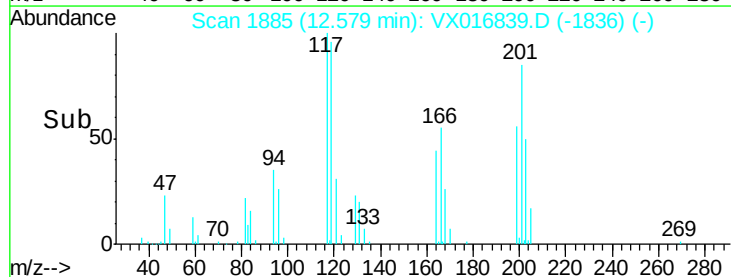
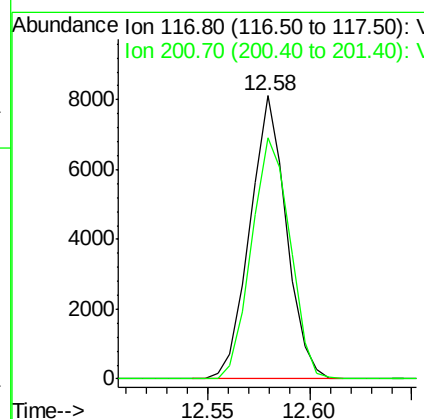
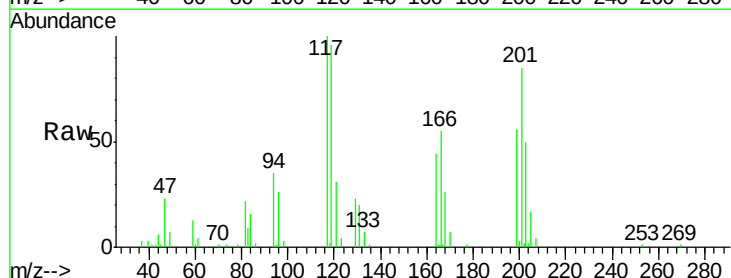
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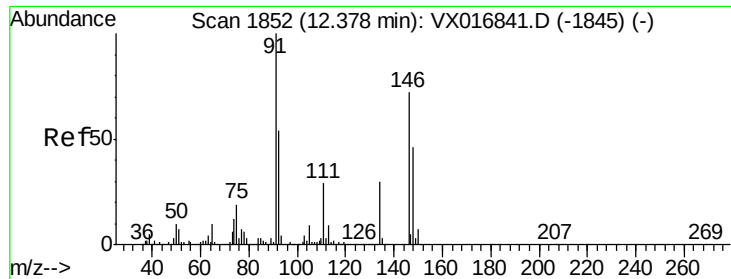
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#90
Hexachloroethane
Concen: 4.867 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.2	44.9	134.5





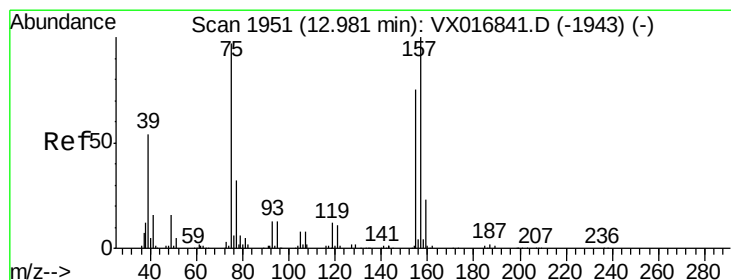
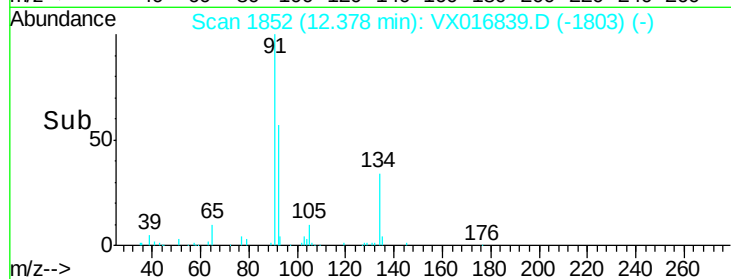
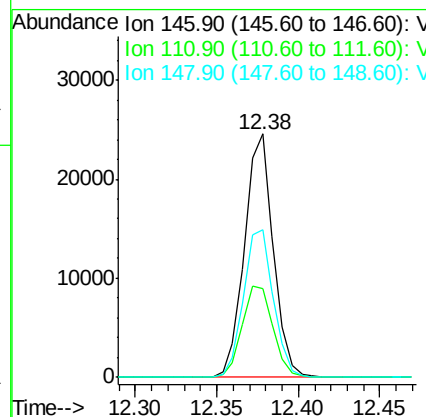
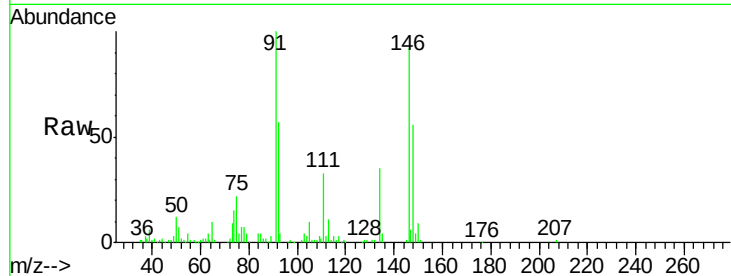
#91
 1,2-Dichlorobenzene
 Concen: 4.940 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.9	62.7
148	63.0	32.9	98.6

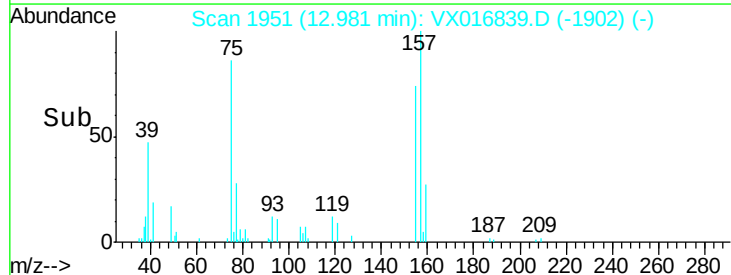
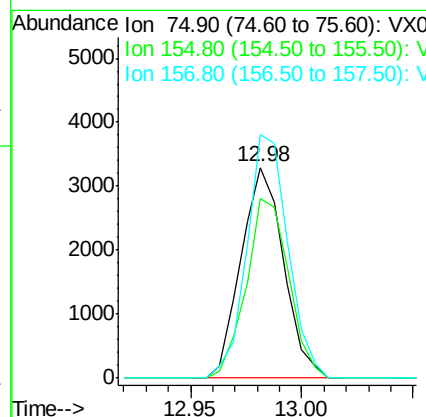
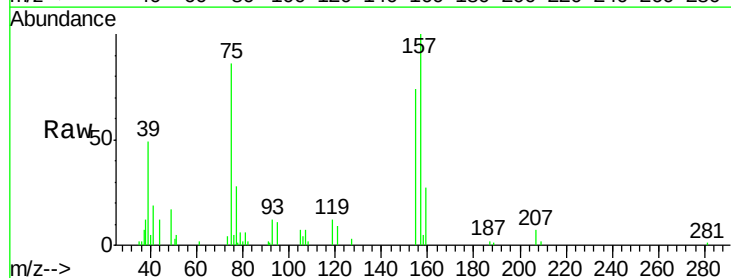
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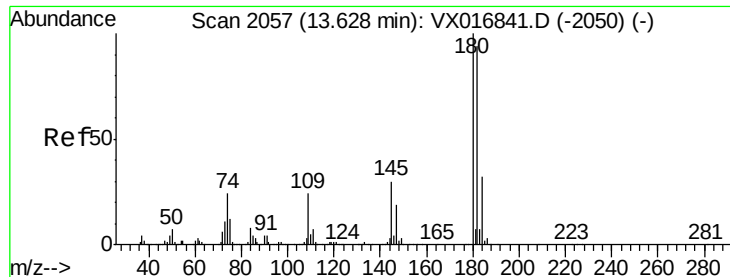
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.231 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016839.D
 Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	46.4	139.1
157	112.2	58.6	175.8





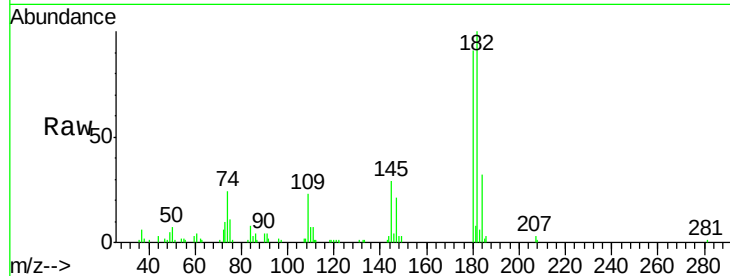
#93
1,2,4-Trichlorobenzene
Concen: 4.287 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

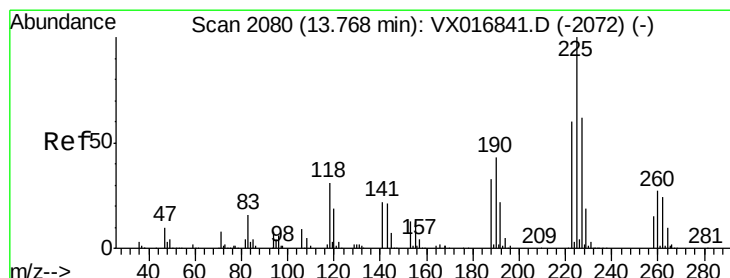
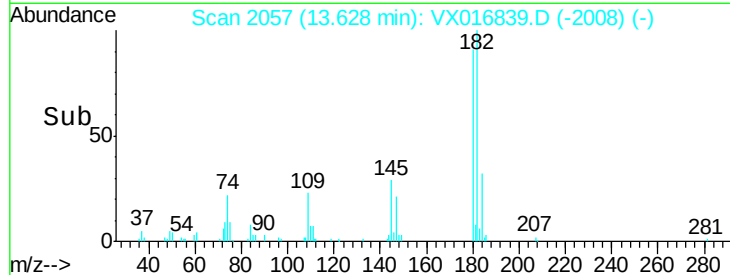
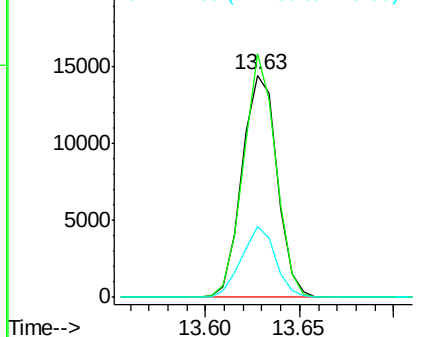
Tot Ion	Ratio	Resp	Lower	Upper
180	100	18715		
182	101.2	47.7	143.1	
145	31.0	15.0	45.1	

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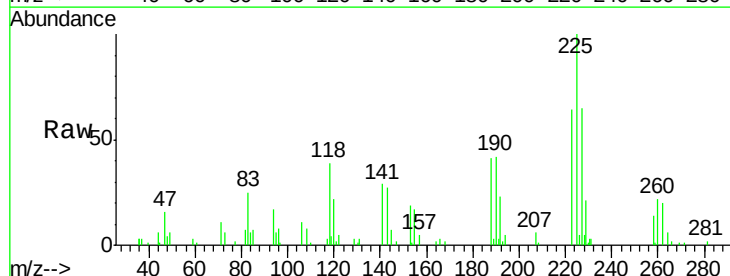


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

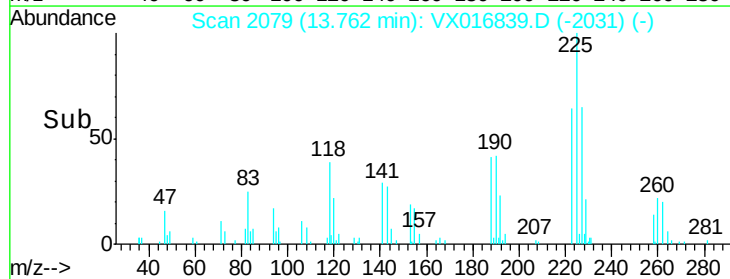
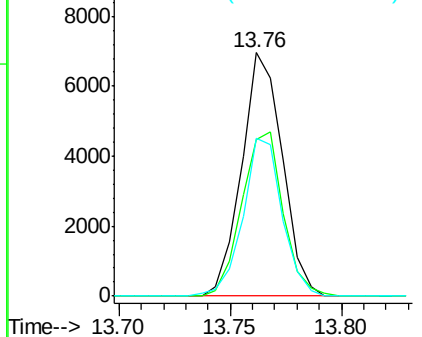


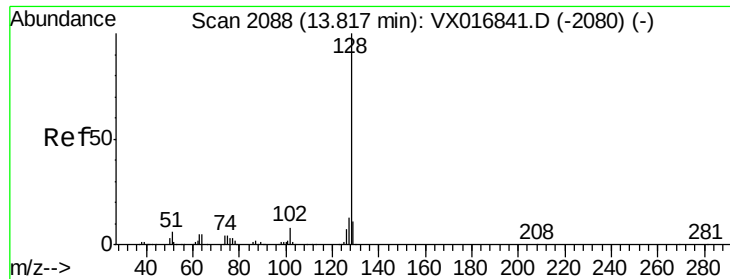
#94
Hexachlorobutadiene
Concen: 4.543 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016839.D
Acq: 18 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	8864		
223	68.7	32.1	96.5	
227	62.7	32.3	96.8	



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





#95

Naphthalene

Concen: 4.220 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Instrument :

MSVOA_X

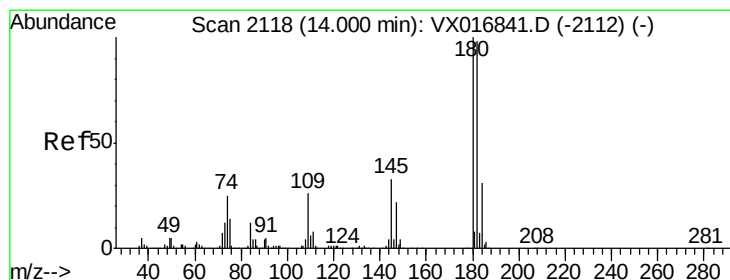
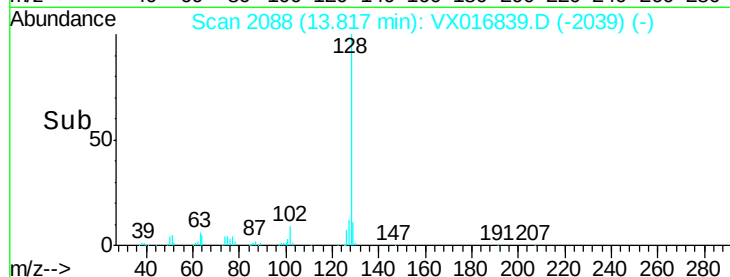
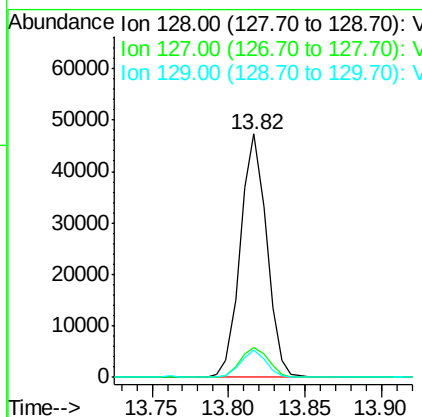
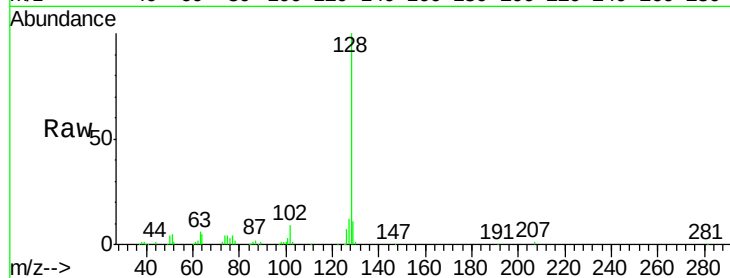
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	56426
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:49:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 4.473 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016839.D

Acq: 18 Jun 2020 11:02

Tgt Ion:	180	Resp:	19411
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.4	142.3
145	32.1	16.0	48.0

