

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016747.D
 Acq On : 15 Jun 2020 11:33
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:07 PM

Quant Time: Jun 15 12:52:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	198597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	14981	6.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.44%	
35) Dibromofluoromethane	5.47	113	12070	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
50) Toluene-d8	8.70	98	37806	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	
62) 4-Bromofluorobenzene	11.12	95	14818	4.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	5258	2.646	ug/l	98
3) Chloromethane	1.31	50	11817	5.094	ug/l	96
4) Vinyl Chloride	1.39	62	10611	4.303	ug/l	100
5) Bromomethane	1.62	94	8606	6.911	ug/l	96
6) Chloroethane	1.70	64	7646	5.301	ug/l #	86
7) Trichlorofluoromethane	1.91	101	12553	3.807	ug/l	97
8) Diethyl Ether	2.17	74	8658	6.414	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6206	3.471	ug/l	96
10) Methyl Iodide	2.49	142	9378	4.802	ug/l	99
11) Tert butyl alcohol	3.01	59	16804	27.621	ug/l	99
12) 1,1-Dichloroethene	2.36	96	9756	5.145	ug/l	97
13) Acrolein	2.27	56	8369	31.953	ug/l	96
14) Allyl chloride	2.70	41	17662	5.207	ug/l	98
15) Acrylonitrile	3.11	53	34641	27.707	ug/l	98
16) Acetone	2.42	43	30210	28.897	ug/l	100
17) Carbon Disulfide	2.54	76	27327	4.887	ug/l	95
18) Methyl Acetate	2.75	43	15382	5.630	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	39686	5.900	ug/l	98
20) Methylene Chloride	2.83	84	13836	6.297	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	11522	5.521	ug/l	96
22) Diisopropyl ether	3.82	45	34819	5.366	ug/l	99
23) Vinyl Acetate	3.78	43	149969	26.601	ug/l	100
24) 1,1-Dichloroethane	3.67	63	21036	5.655	ug/l	98
25) 2-Butanone	4.64	43	46262	26.416	ug/l	92
26) 2,2-Dichloropropane	4.55	77	18206	5.807	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	14015	5.833	ug/l	98
28) Bromochloromethane	4.98	49	9493	5.529	ug/l	98
29) Tetrahydrofuran	5.09	42	30651	27.132	ug/l	95
30) Chloroform	5.18	83	22607	5.981	ug/l	97
31) Cyclohexane	5.55	56	8862	2.676	ug/l	91
32) 1,1,1-Trichloroethane	5.46	97	18091	5.253	ug/l	98
36) 1,1-Dichloropropene	5.77	75	12805	3.851	ug/l	97
37) Ethyl Acetate	4.79	43	18321	4.697	ug/l	99
38) Carbon Tetrachloride	5.75	117	14211	4.012	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 6/16/2020 3:23:07 PM

Quant Time: Jun 15 12:52:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	8383	2.311	ug/l	96
40) Benzene	6.11	78	48557	4.915	ug/l	100
41) Methacrylonitrile	5.00	41	9322	4.350	ug/l	97
42) 1,2-Dichloroethane	6.16	62	18800	5.344	ug/l	100
43) Isopropyl Acetate	6.41	43	27972	4.585	ug/l	99
44) Trichloroethene	7.19	130	14692	4.681	ug/l	92
45) 1,2-Dichloropropane	7.49	63	11944	4.774	ug/l	95
46) Dibromomethane	7.64	93	8689	5.118	ug/l	98
47) Bromodichloromethane	7.87	83	18037	5.126	ug/l	98
48) Methyl methacrylate	7.74	41	12969	4.449	ug/l	96
49) 1,4-Dioxane	7.71	88	6434	93.479	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	86323	22.782	ug/l	99
52) Toluene	8.76	92	30978	4.949	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	20584	5.145	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	21632	5.128	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	13529	5.423	ug/l	91
56) Ethyl methacrylate	9.16	69	18273	4.558	ug/l	97
57) 1,3-Dichloropropane	9.35	76	22596	5.320	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	48476	23.184	ug/l	97
59) 2-Hexanone	9.47	43	65765	22.347	ug/l	97
60) Dibromochloromethane	9.57	129	14972	5.289	ug/l	98
61) 1,2-Dibromoethane	9.65	107	14099	5.257	ug/l	99
64) Tetrachloroethene	9.32	164	15658	4.209	ug/l	94
65) Chlorobenzene	10.12	112	35087	5.083	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	13924	5.232	ug/l	99
67) Ethyl Benzene	10.23	91	53271	4.360	ug/l	98
68) m/p-Xylenes	10.34	106	40055	8.796	ug/l	99
69) o-Xylene	10.68	106	19974	4.525	ug/l	98
70) Styrene	10.70	104	33439	4.418	ug/l	99
71) Bromoform	10.84	173	11406	5.094	ug/l #	96
73) Isopropylbenzene	11.00	105	45977	4.180	ug/l	100
74) N-amyl acetate	10.88	43	19931	4.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	16508	5.920	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	18482m	5.339	ug/l	
77) Bromobenzene	11.24	156	15396	5.298	ug/l	99
78) n-propylbenzene	11.34	91	49612	4.055	ug/l	98
79) 2-Chlorotoluene	11.40	91	35830	4.792	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	40362	4.398	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	6825	4.861	ug/l	98
82) 4-Chlorotoluene	11.49	91	41000	4.657	ug/l	100
83) tert-Butylbenzene	11.76	119	34266	4.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	40726	4.389	ug/l	100
85) sec-Butylbenzene	11.93	105	36282	3.674	ug/l	99
86) p-Isopropyltoluene	12.05	119	35158	3.792	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	24722	4.924	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	26044	5.072	ug/l	95
89) n-Butylbenzene	12.37	91	27490	3.573	ug/l	98
90) Hexachloroethane	12.58	117	7012	4.364	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	24859	5.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4315	4.857	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

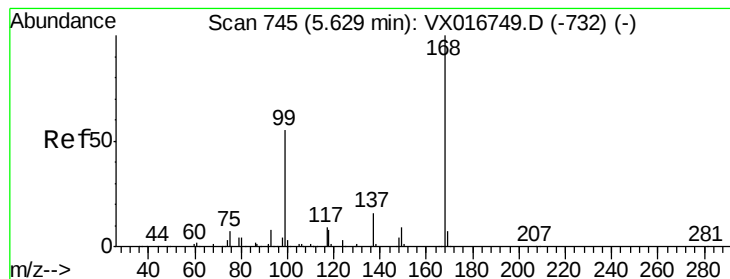
Manual Integrations
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6/16/2020 3:23:07 PM

Quant Time: Jun 15 12:52:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 15 12:43:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	15259	4.696	ug/l	98
94) Hexachlorobutadiene	13.76	225	5345	4.045	ug/l	97
95) Naphthalene	13.82	128	49492	4.476	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	14946	4.656	ug/l	97

(#) = 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: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 198597

Ion Ratio Lower Upper

168 100

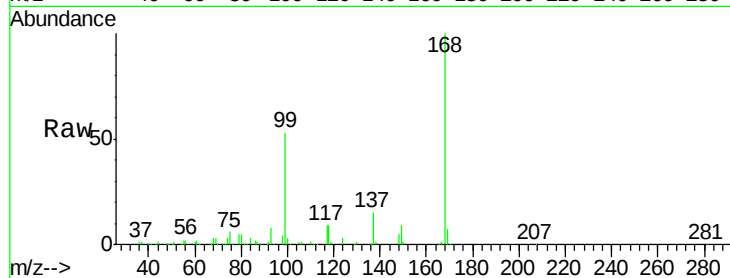
99 52.6 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

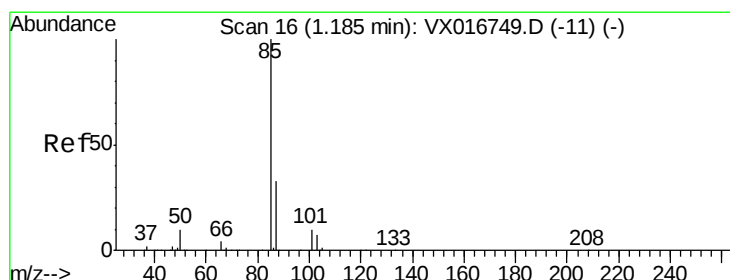
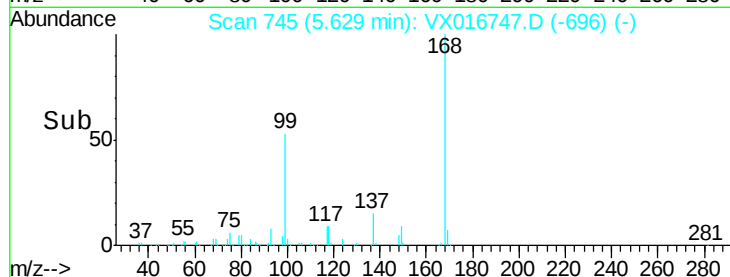
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.646 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016747.D

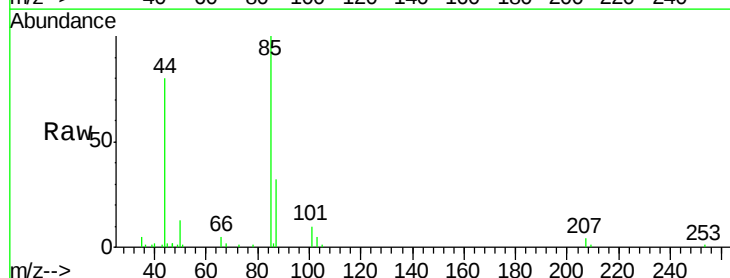
Acq: 15 Jun 2020 11:33

Tgt Ion: 85 Resp: 5258

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

6000

5000

4000

3000

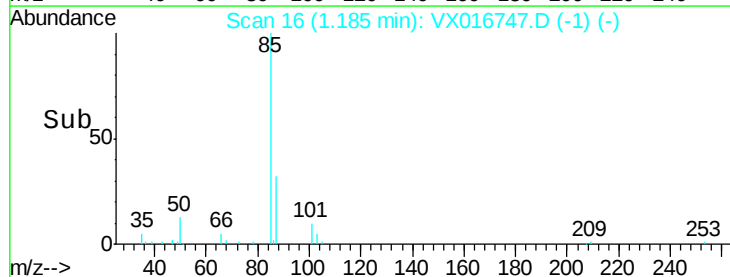
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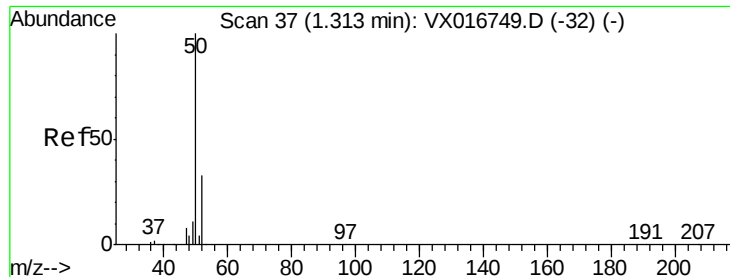
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 5.094 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 11817

Ion Ratio Lower Upper

50 100

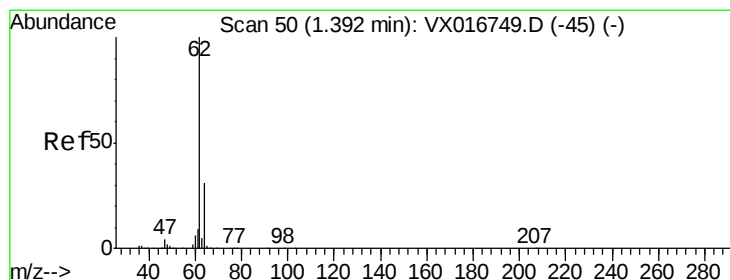
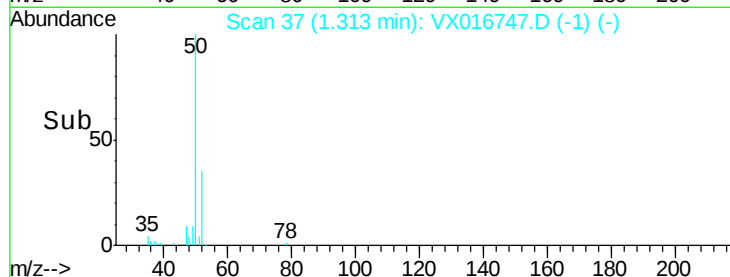
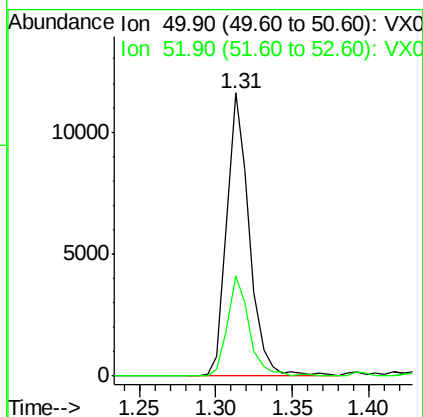
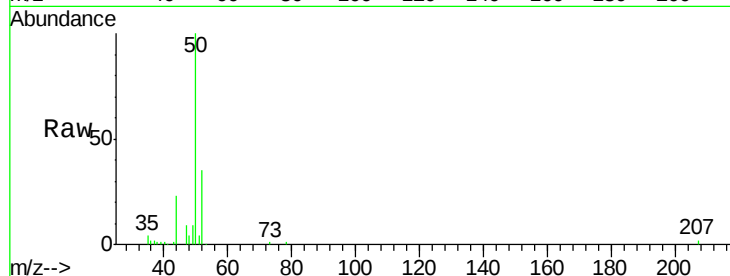
52 35.3 26.5 39.7

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#4

Vinyl Chloride

Concen: 4.303 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016747.D

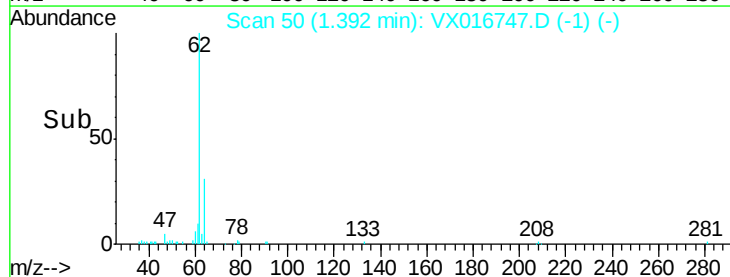
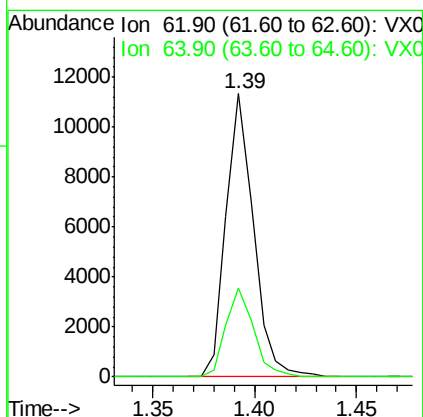
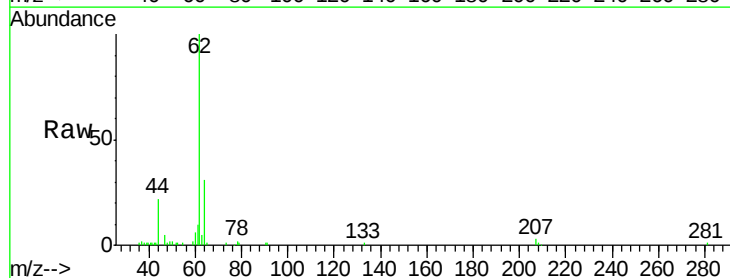
Acq: 15 Jun 2020 11:33

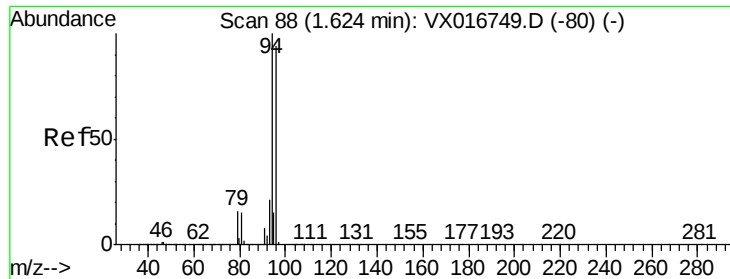
Tgt Ion: 62 Resp: 10611

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 6.911 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 8606

Ion Ratio Lower Upper

94 100

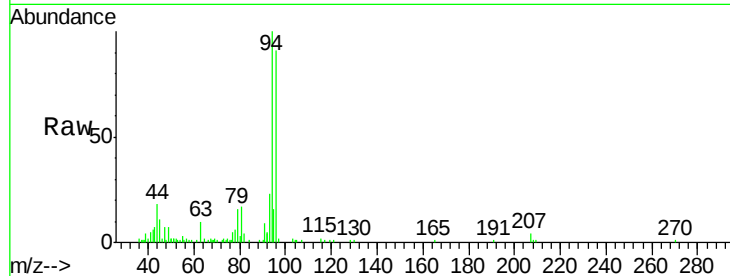
96 90.1 75.4 113.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

8000

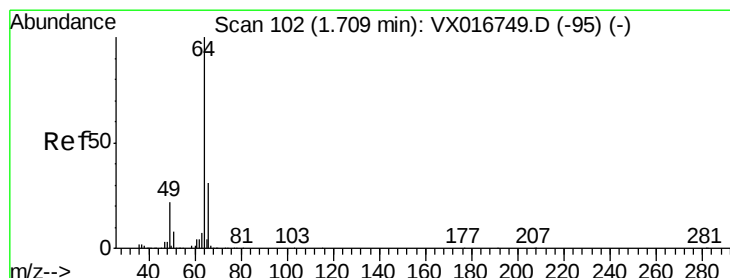
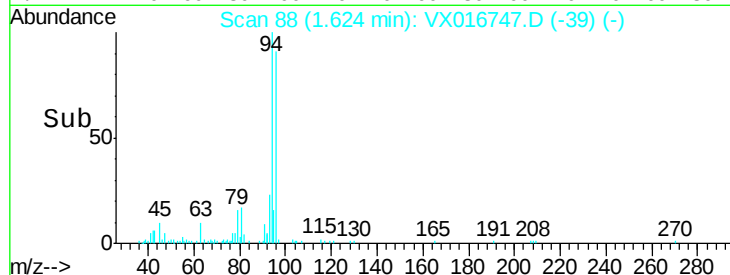
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 5.301 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016747.D

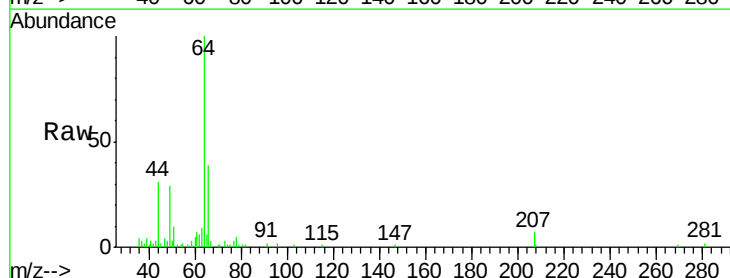
Acq: 15 Jun 2020 11:33

Tgt Ion: 64 Resp: 7646

Ion Ratio Lower Upper

64 100

66 38.8 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

6000

5000

4000

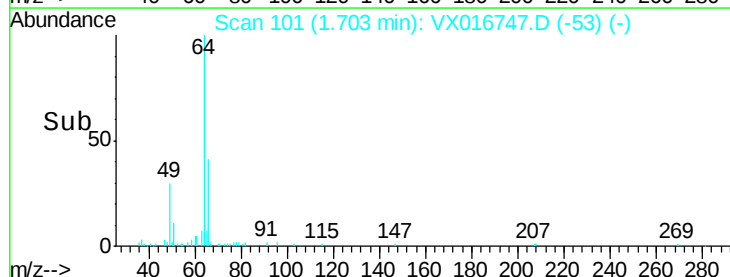
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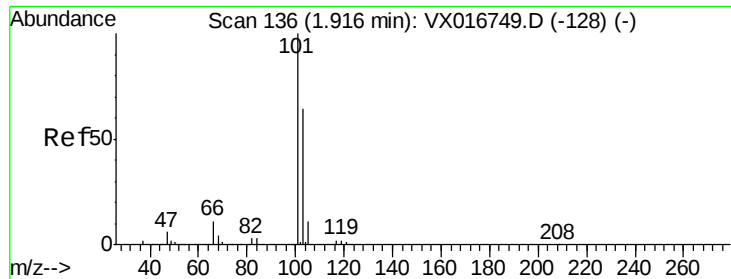
2000

1000

0

Time-->





#7

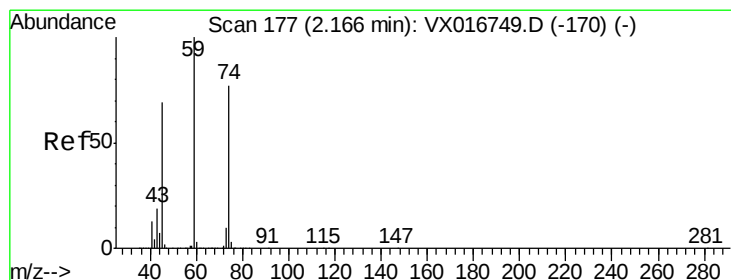
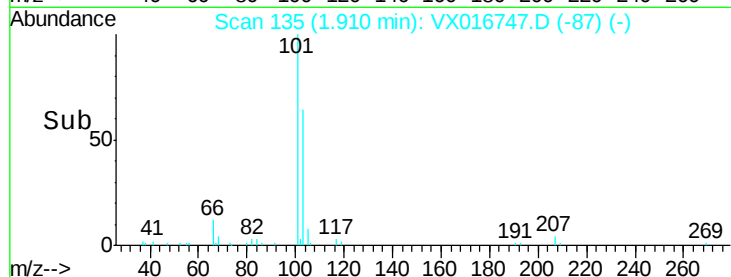
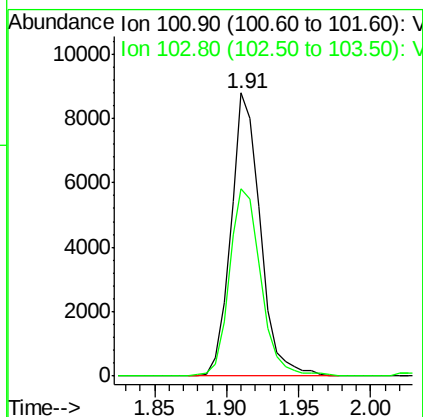
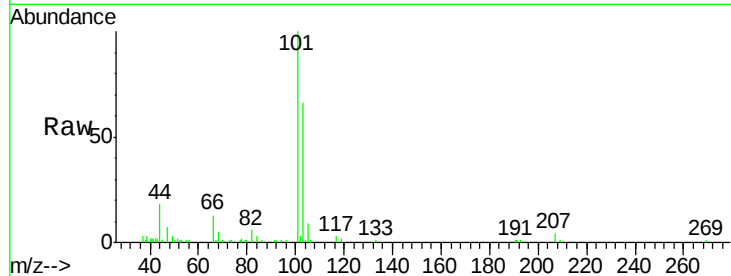
Trichlorofluoromethane
Concen: 3.807 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.3	76.9

Manual Integrations
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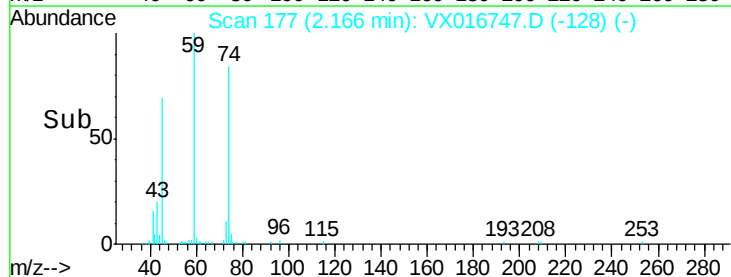
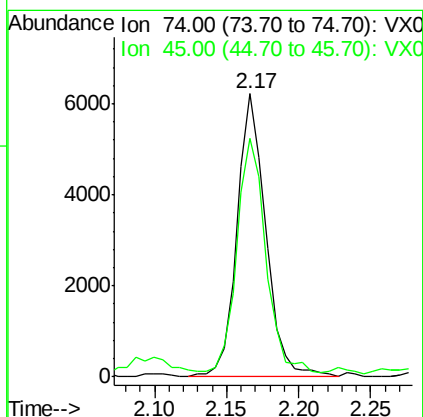
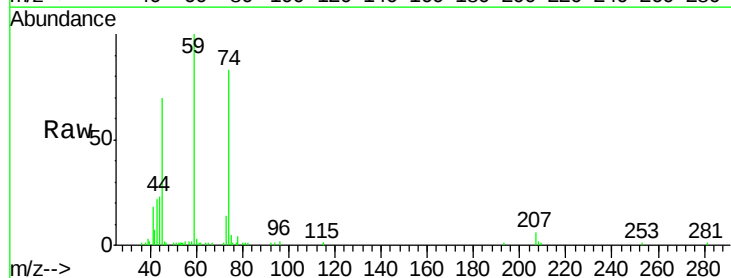
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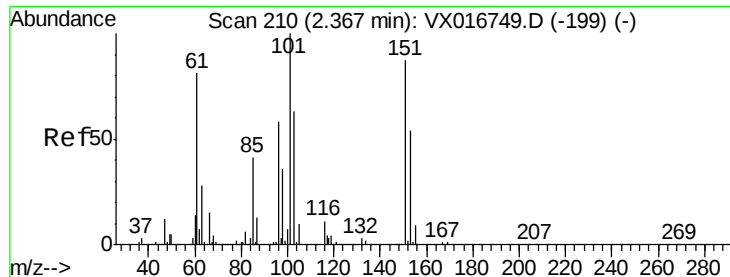


#8

Diethyl Ether
Concen: 6.414 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.7	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.471 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

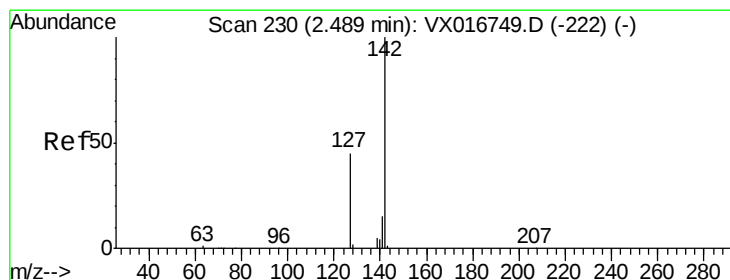
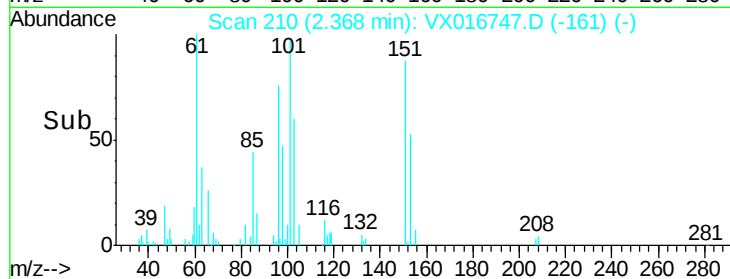
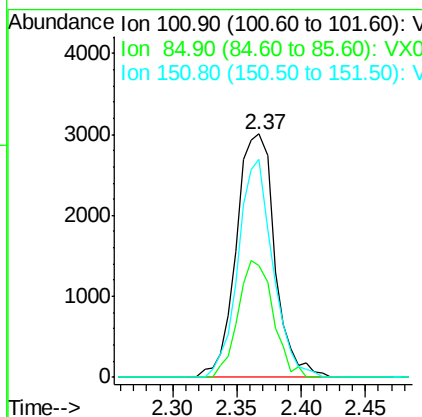
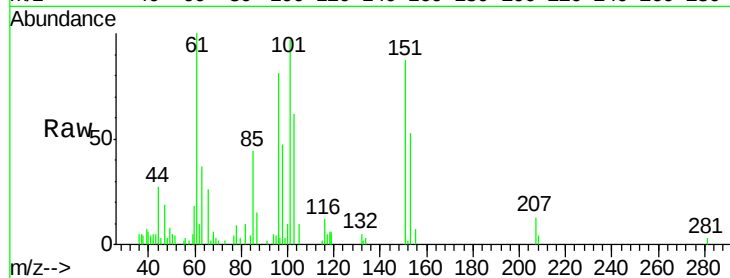
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	6206
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.0	51.0
151	80.8	68.7	103.1

Manual Integrations
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#10

Methyl Iodide

Concen: 4.802 ug/l

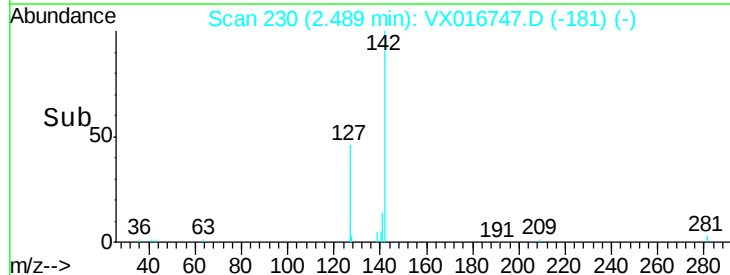
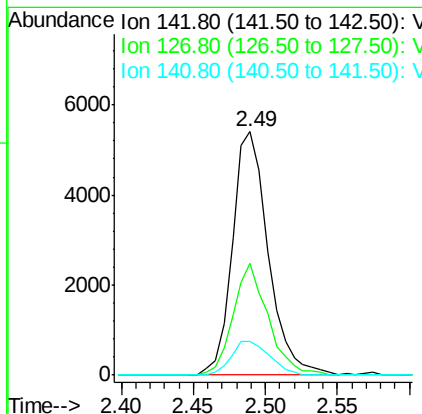
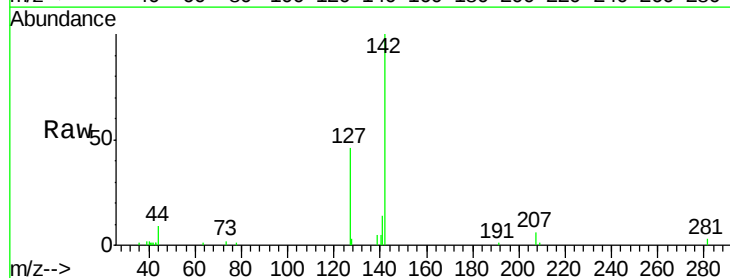
RT: 2.49 min Scan# 230

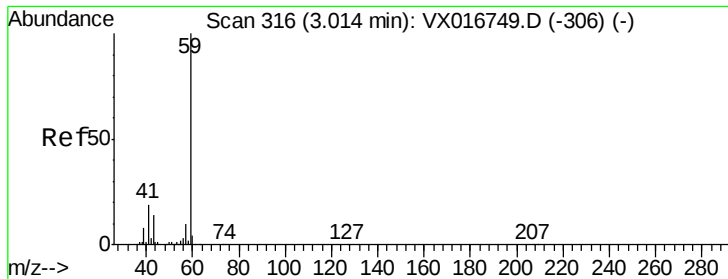
Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	142	Resp:	9378
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.4	53.2
141	14.8	11.7	17.5





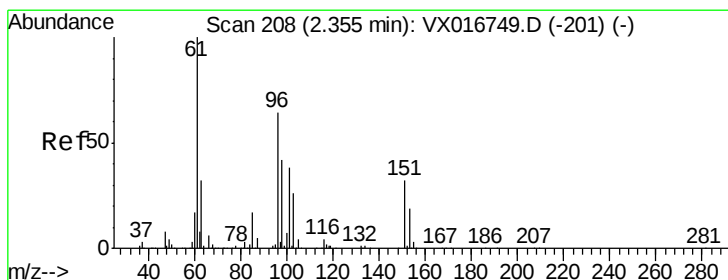
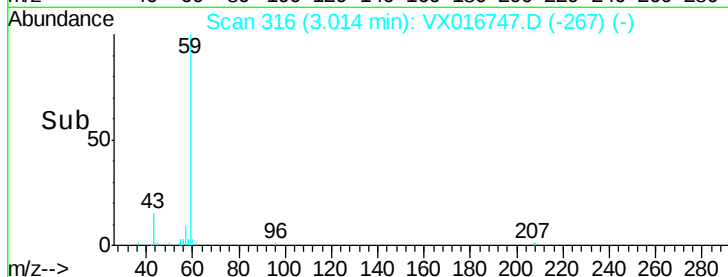
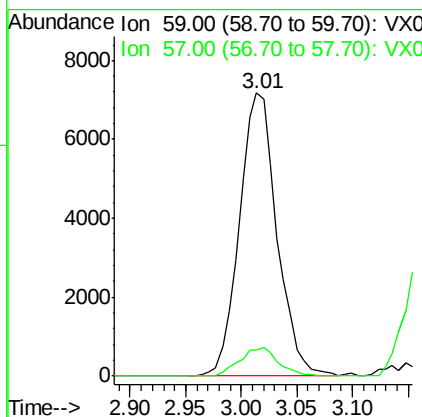
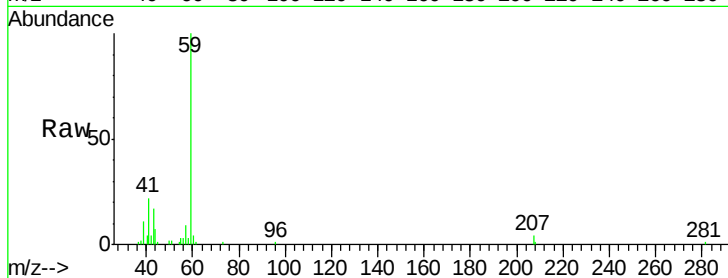
#11
Tert butyl alcohol
Concen: 27.621 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	59	57	Ratio	100	10.4	Resp	16804	Lower	8.2	Upper	12.2
Ion											

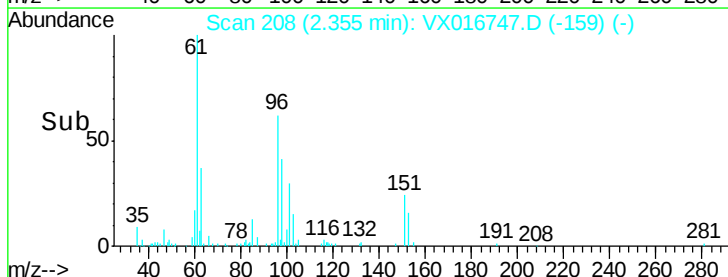
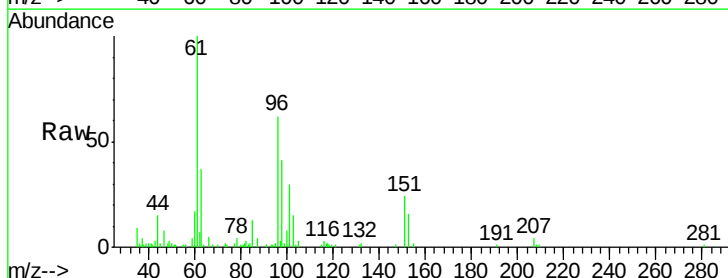
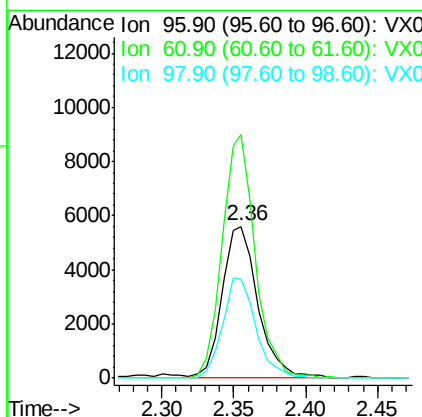
Manual Integrations
APPROVED

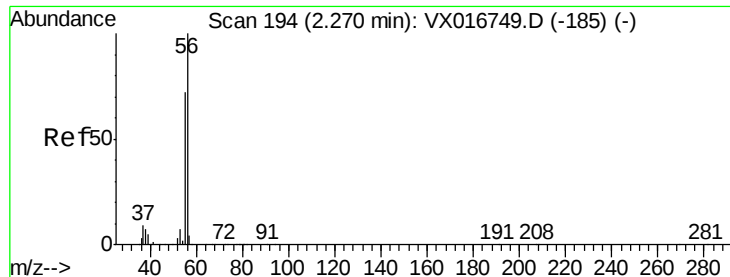
MMDadoda
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#12
1,1-Dichloroethene
Concen: 5.145 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	96	61	98	Ratio	100	160.4	65.3	Resp	9756	Lower	124.1	52.7	Upper	186.1	79.1
Ion															





#13

Acrolein

Concen: 31.953 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 8369

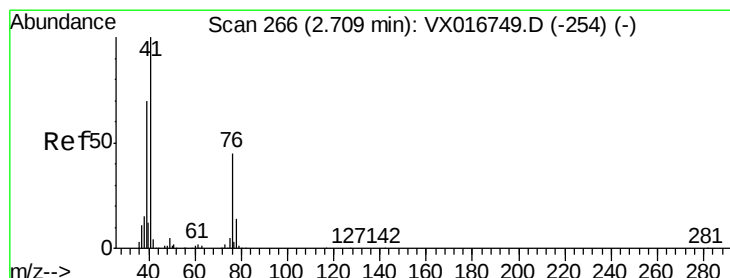
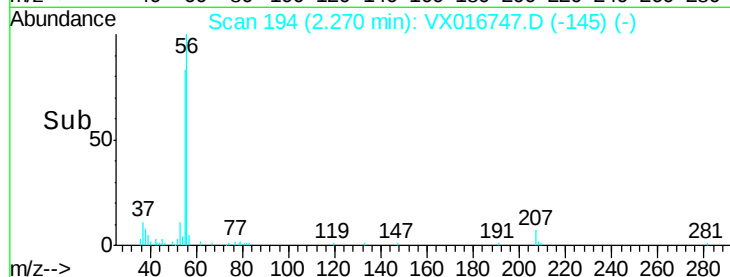
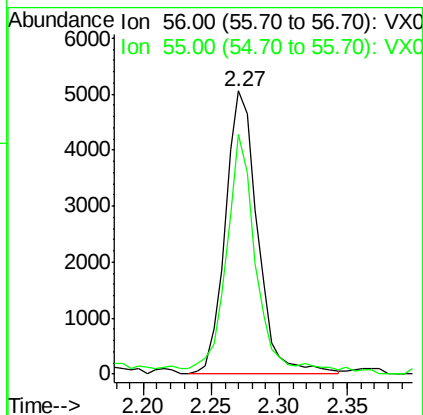
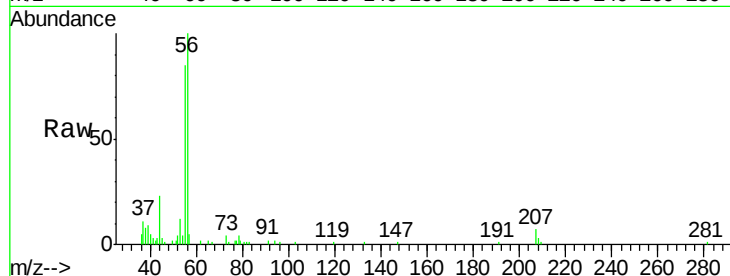
Ion Ratio Lower Upper

56 100

55 69.8 58.2 87.4

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#14

Allyl chloride

Concen: 5.207 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

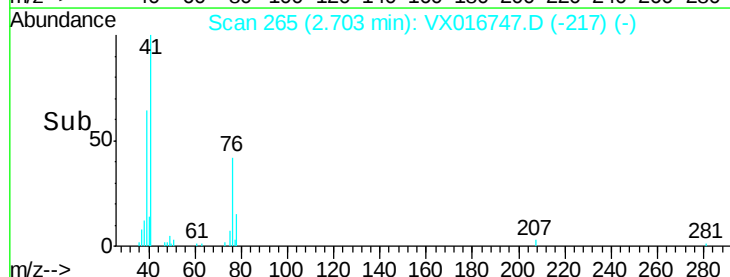
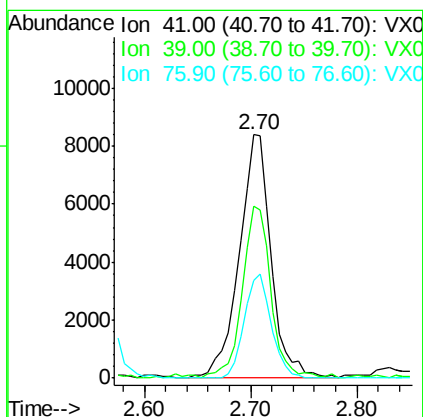
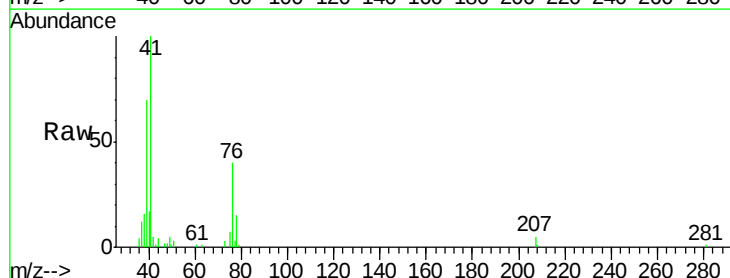
Tgt Ion: 41 Resp: 17662

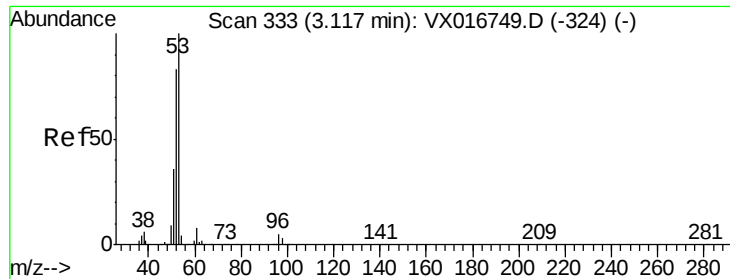
Ion Ratio Lower Upper

41 100

39 63.7 50.2 75.4

76 35.9 30.4 45.6





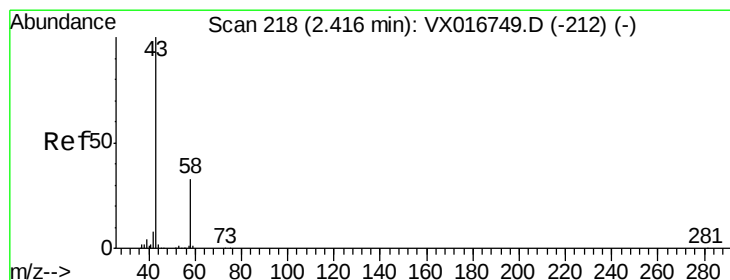
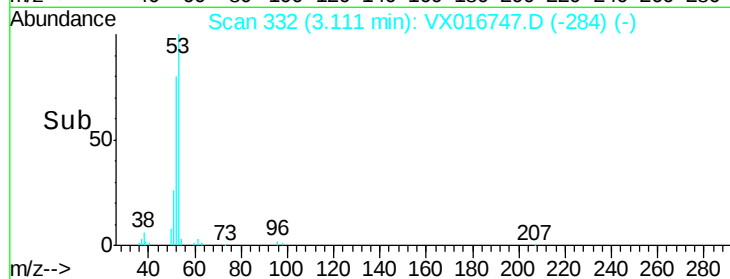
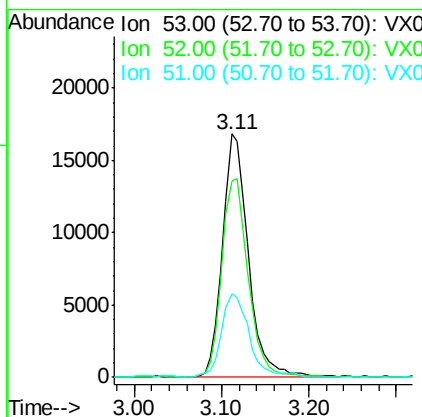
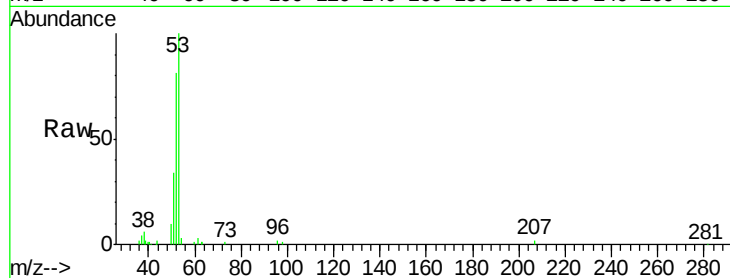
#15
 Acrylonitrile
 Concen: 27.707 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	53	Resp:	34641
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.5	98.3
51	36.9	28.6	42.8

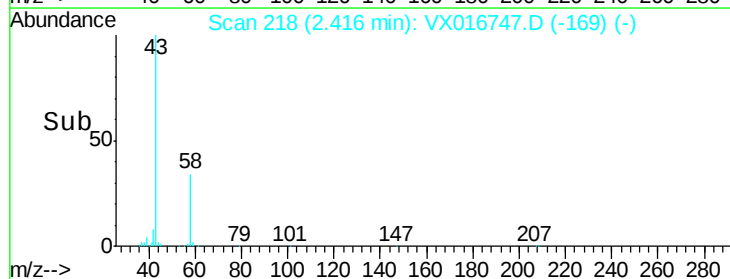
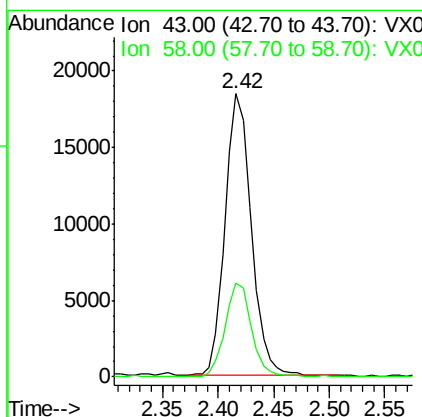
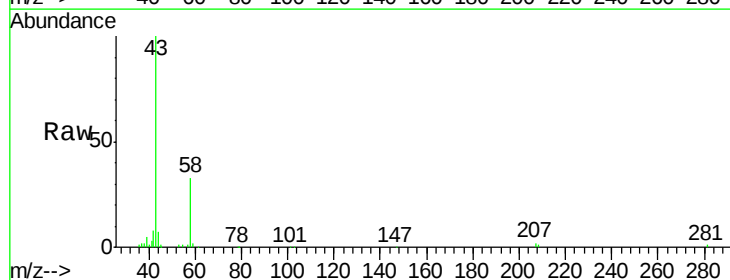
Manual Integrations
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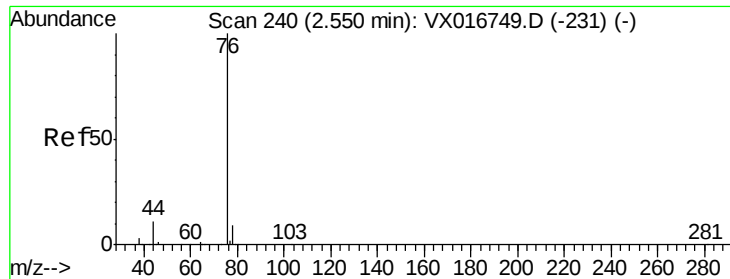
MMDadoda
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#16
 Acetone
 Concen: 28.897 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion:	43	Resp:	30210
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.3	39.5





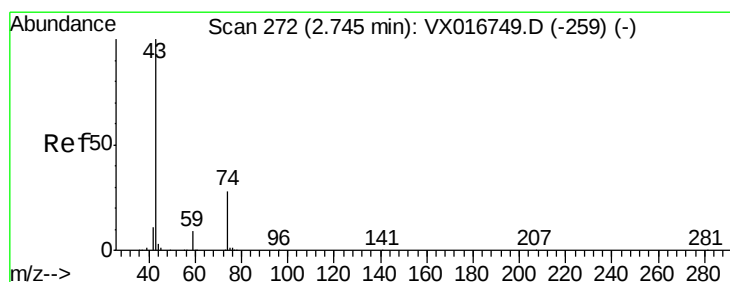
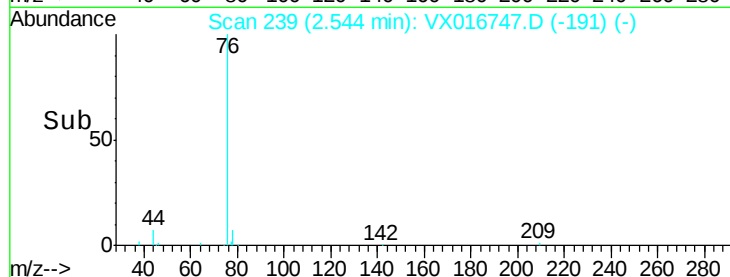
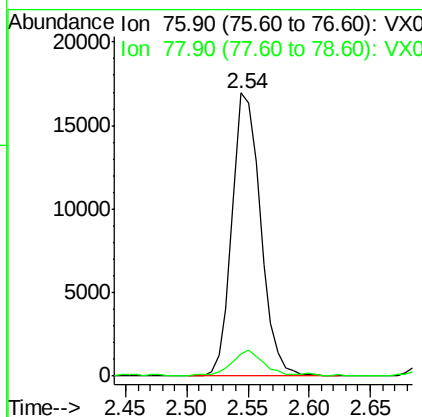
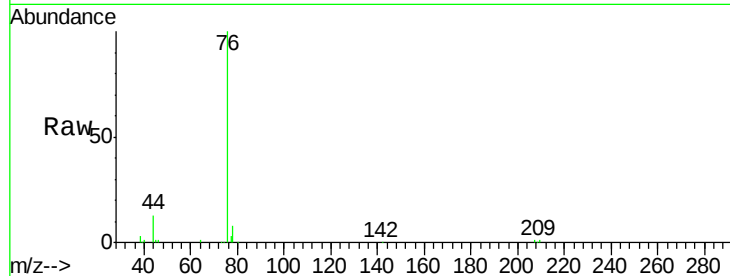
#17
Carbon Disulfide
Concen: 4.887 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.4	7.3	10.9

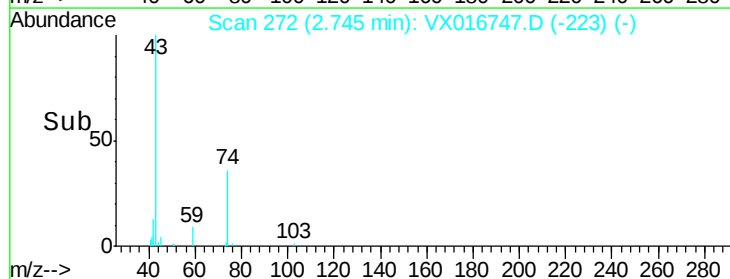
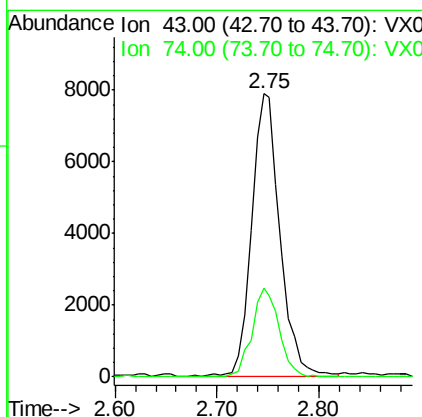
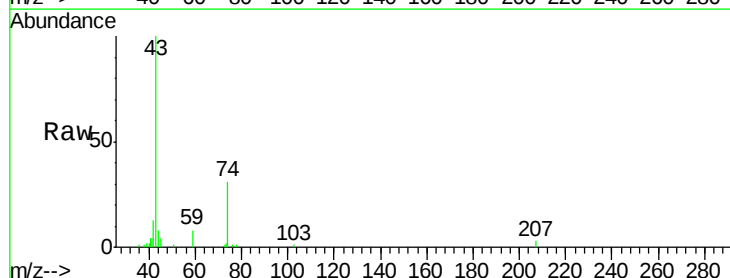
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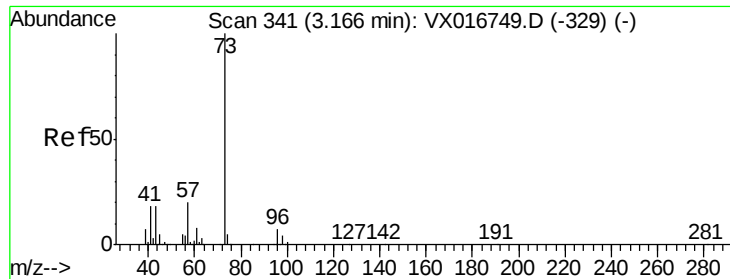
MMDadoda
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#18
Methyl Acetate
Concen: 5.630 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.7	22.4	33.6





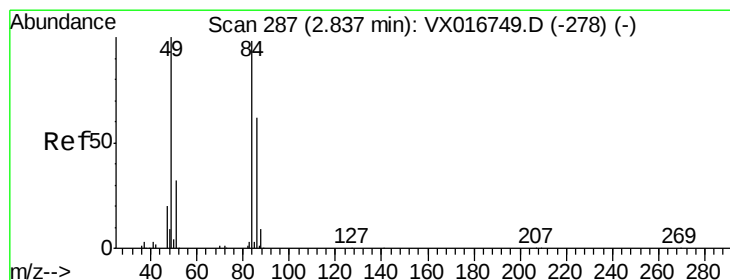
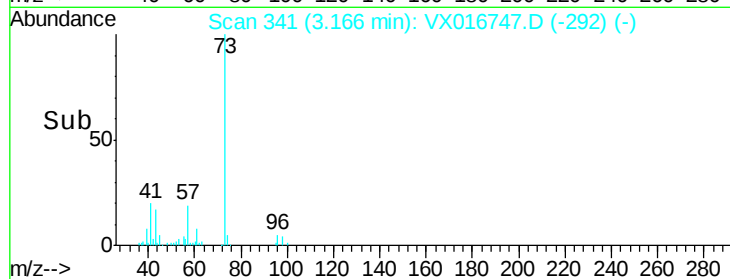
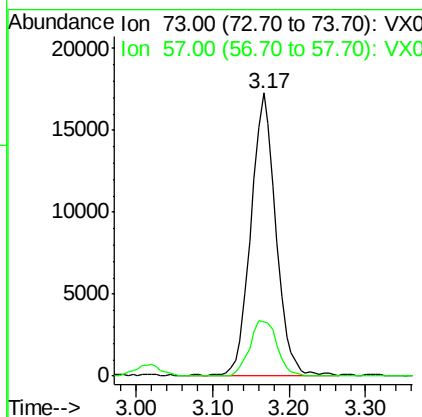
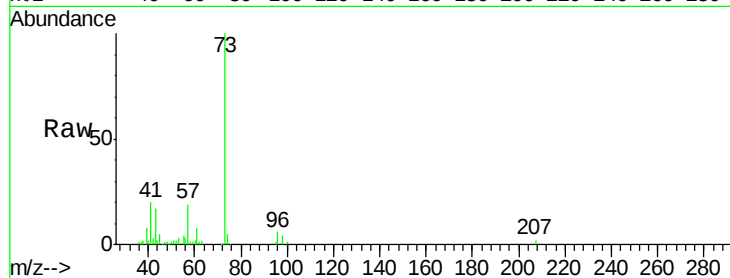
#19
Methvl tert-butvl Ether
Concen: 5.900 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	16.2	24.4

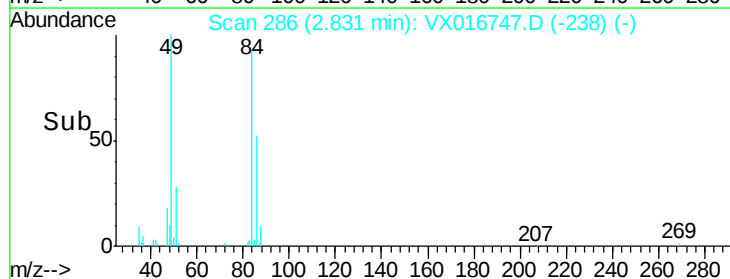
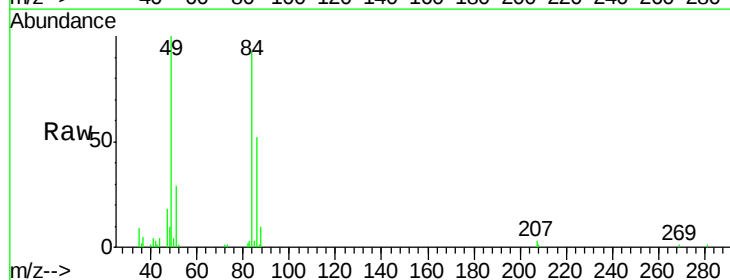
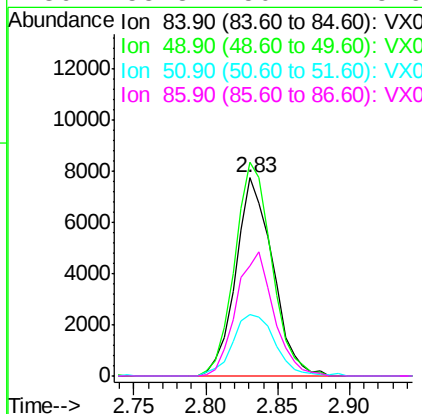
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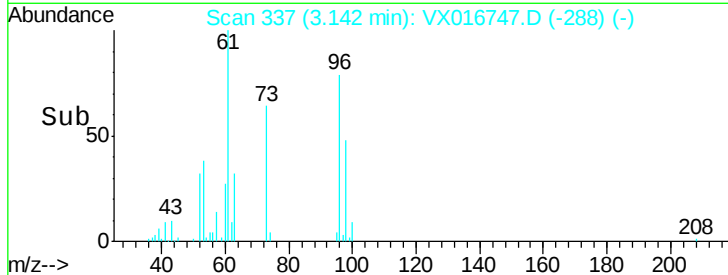
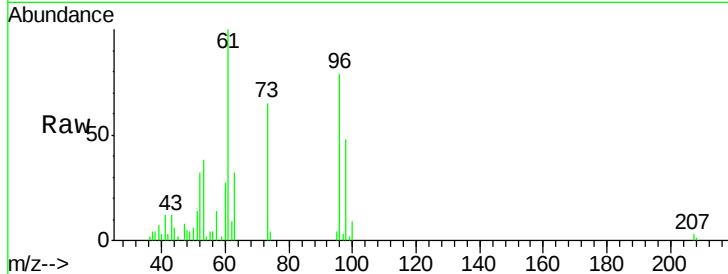
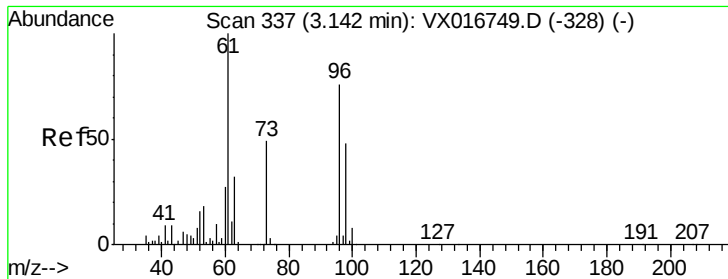
MMDadoda
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#20
Methylene Chloride
Concen: 6.297 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.8	81.8	122.8
51	31.1	25.8	38.8
86	55.8	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 5.521 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016747.D

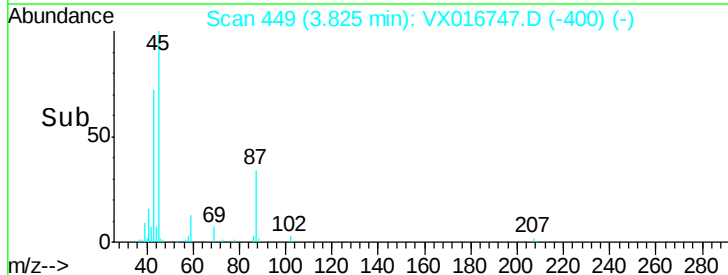
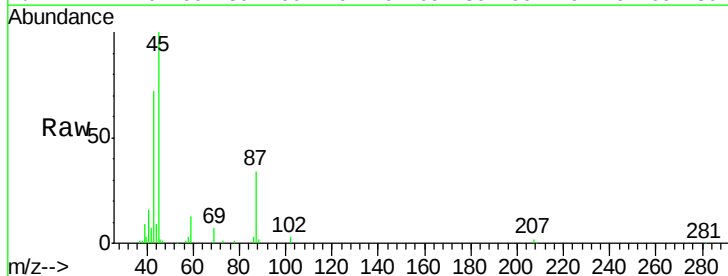
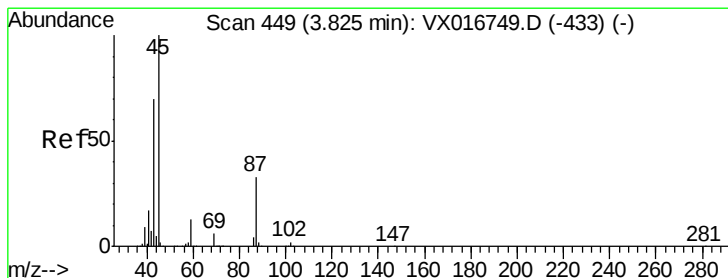
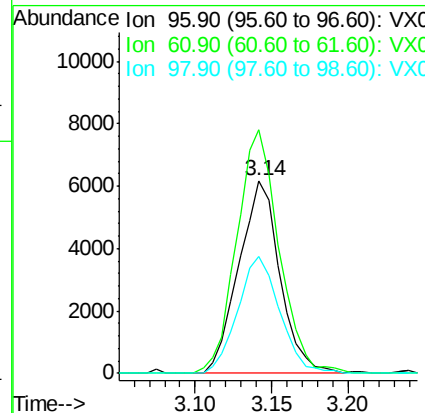
Acq: 15 Jun 2020 11:33

Tot Ion:	96	Resp:	11522
Ion	Ratio	Lower	Upper
96	100		
61	126.5	105.4	158.2
98	60.4	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.366 ug/l

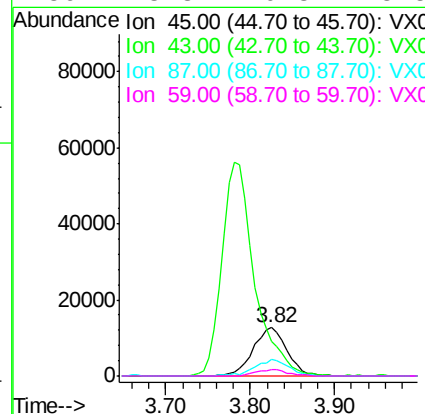
RT: 3.82 min Scan# 449

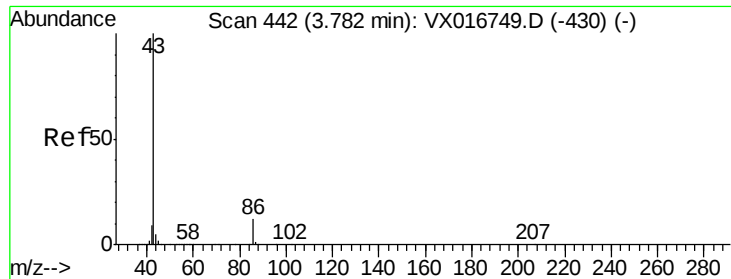
Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	45	Resp:	34819
Ion	Ratio	Lower	Upper
45	100		
43	70.6	56.2	84.4
87	34.1	26.2	39.4
59	13.3	10.3	15.5





#23

Vinyl Acetate

Concen: 26.601 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 149969

Ion Ratio Lower Upper

43 100

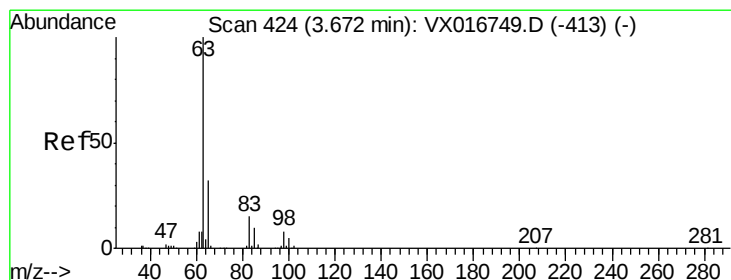
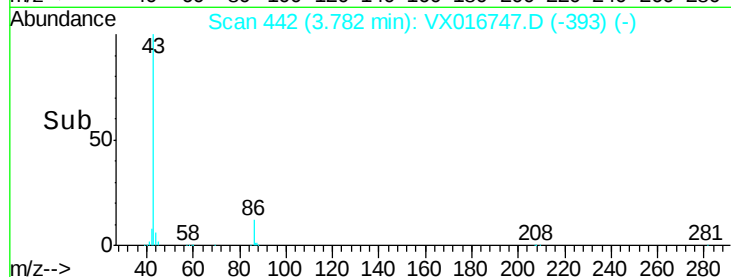
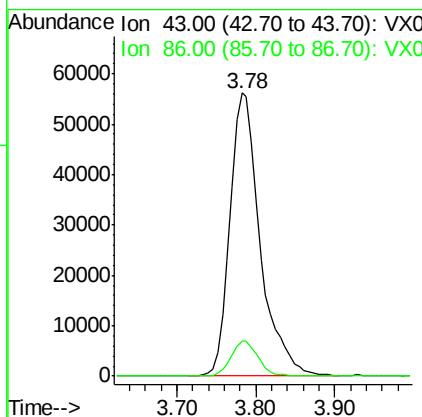
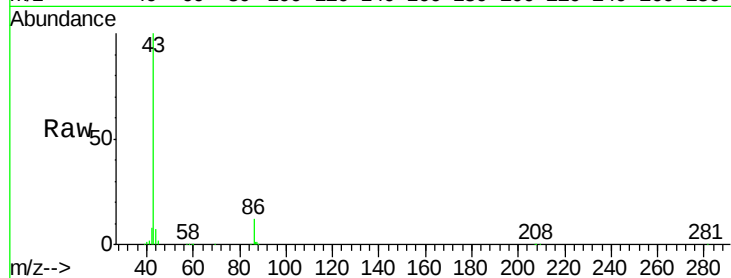
86 12.3 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.655 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

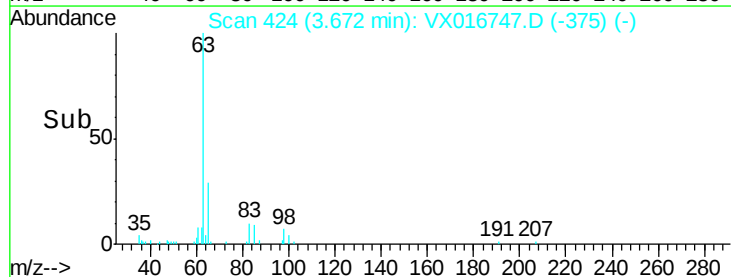
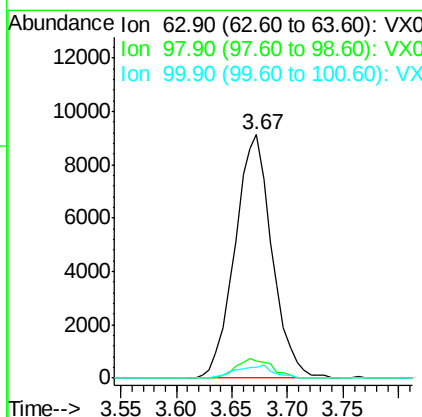
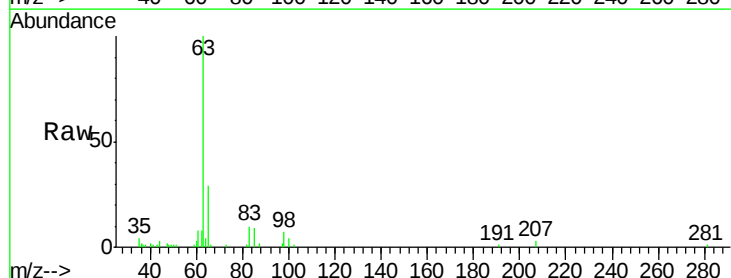
Tgt Ion: 63 Resp: 21036

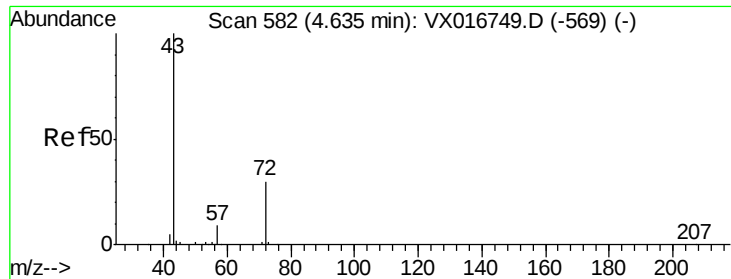
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 26.416 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 46262

Ion Ratio Lower Upper

43 100

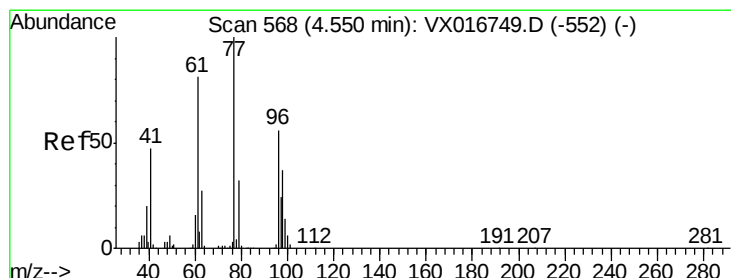
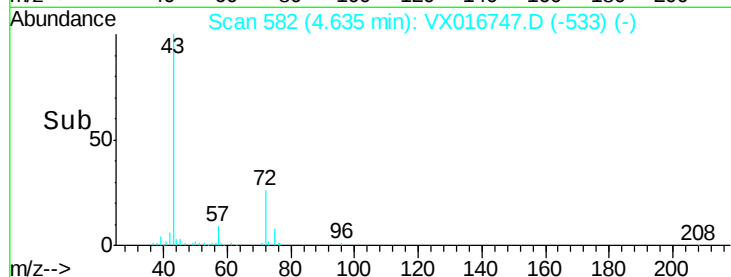
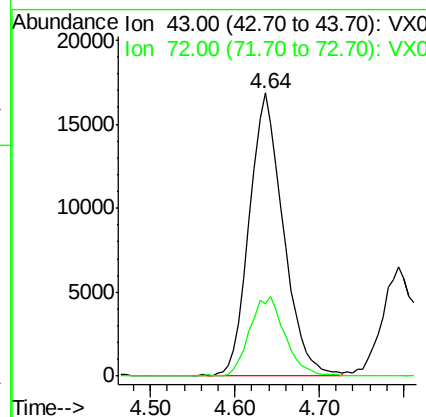
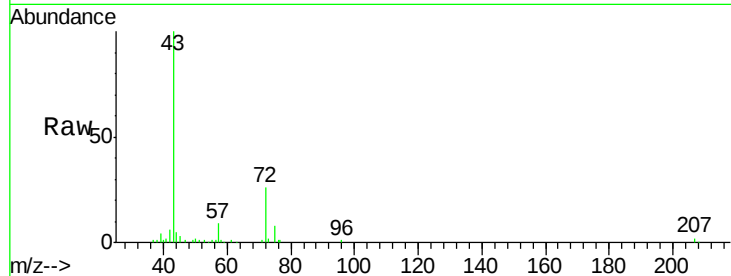
72 25.7 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.807 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016747.D

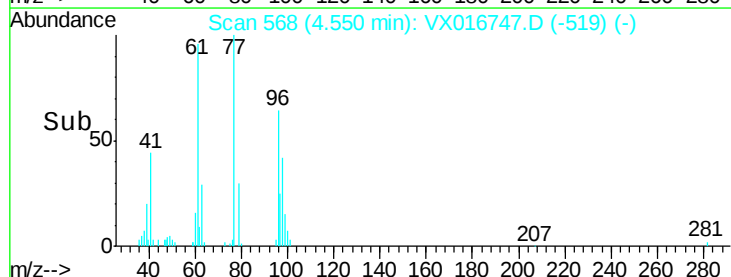
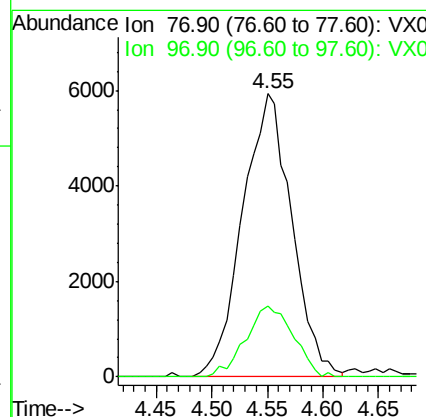
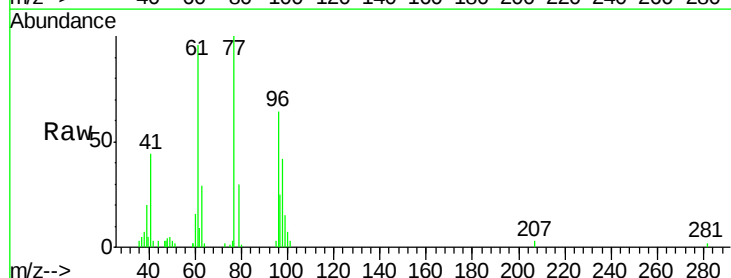
Acq: 15 Jun 2020 11:33

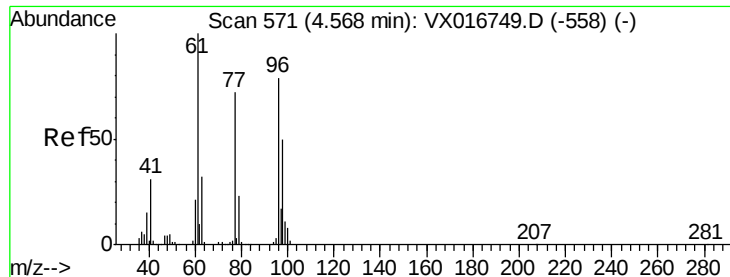
Tgt Ion: 77 Resp: 18206

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.4





#27

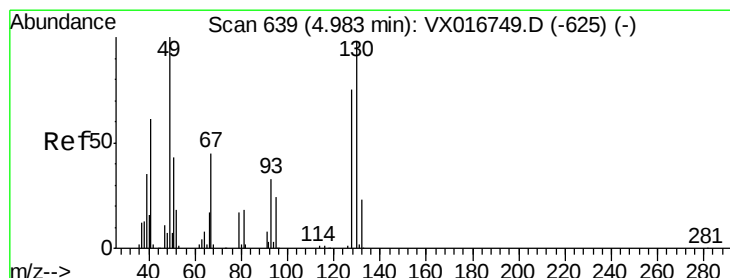
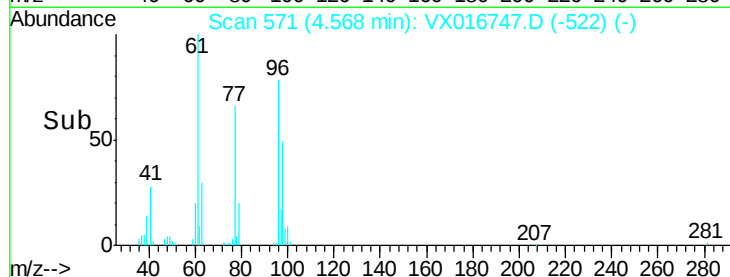
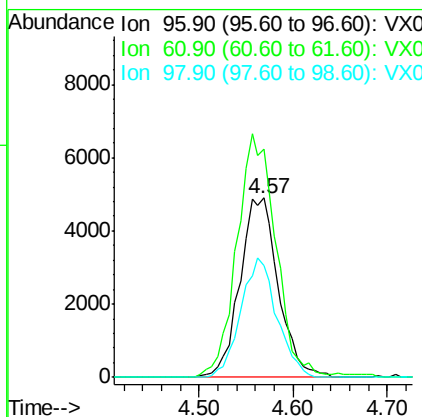
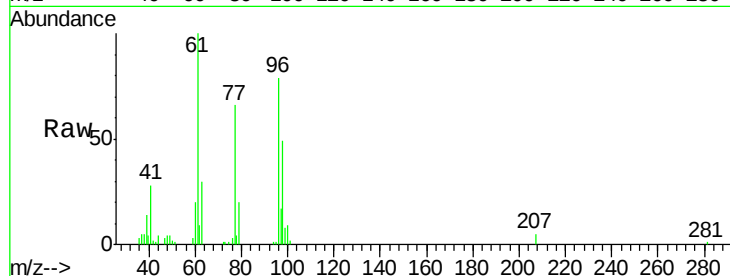
cis-1,2-Dichloroethene
Concen: 5.833 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	276.2
98	62.3	0.0	130.0

Manual Integrations
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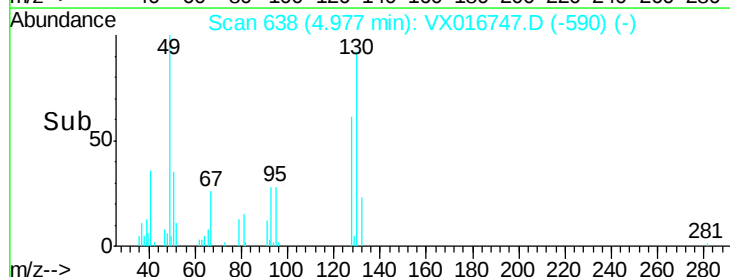
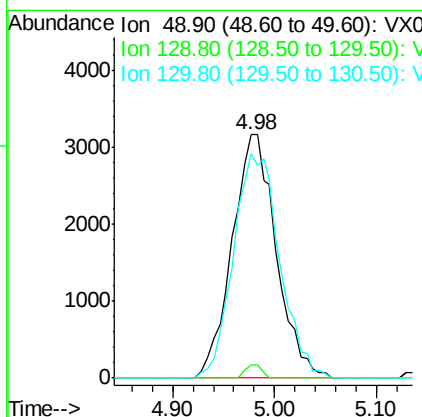
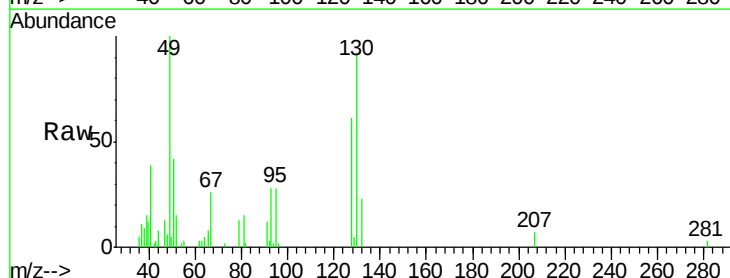
MMDadoda
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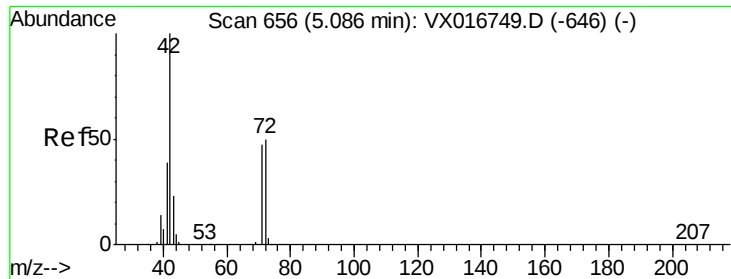


#28

Bromochloromethane
Concen: 5.529 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.8
130	96.9	76.0	114.0





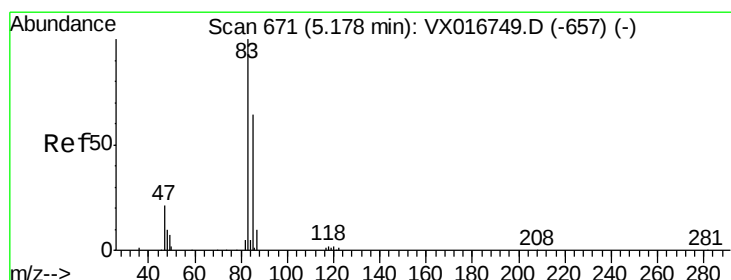
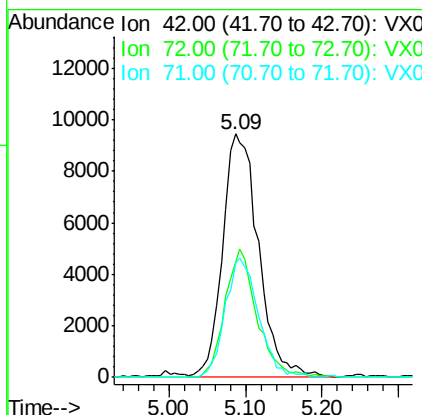
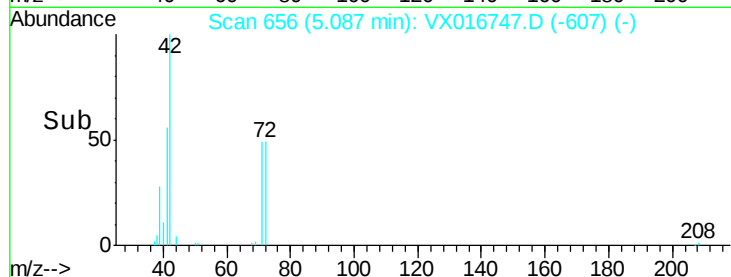
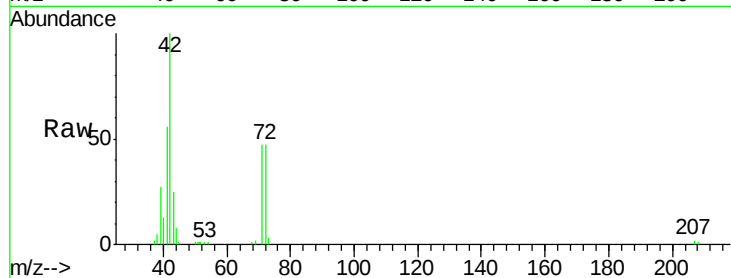
#29
Tetrahydrofuran
Concen: 27.132 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	41.0	61.6
71	45.6	38.2	57.4

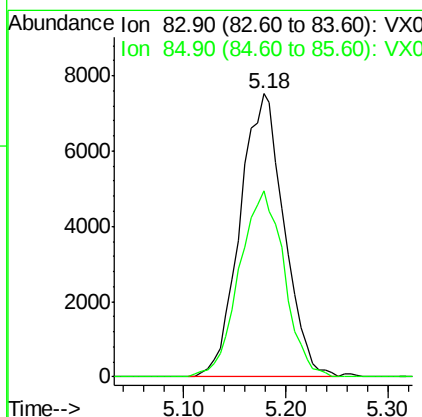
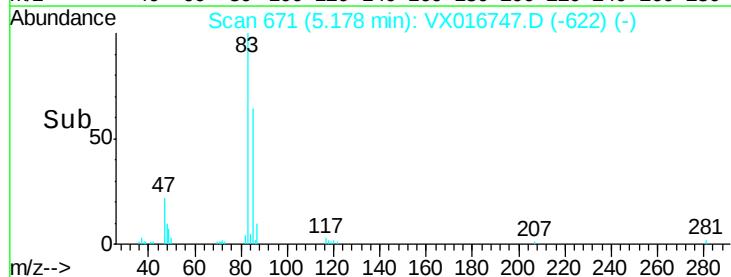
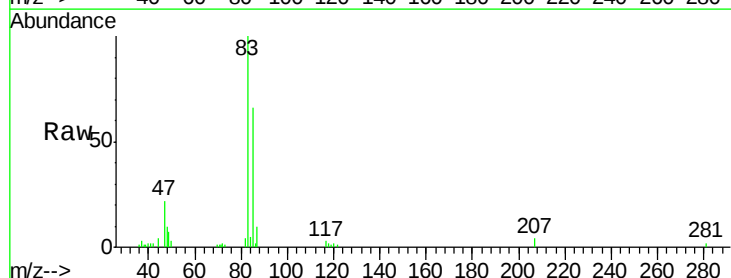
Manual Integrations
APPROVED

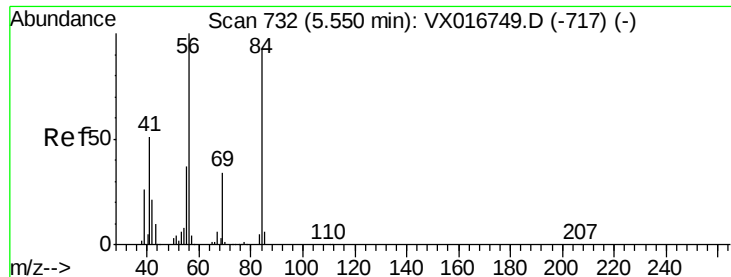
MMDadoda
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#30
Chloroform
Concen: 5.981 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.8	76.2





#31

Cyclohexane

Concen: 2.676 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

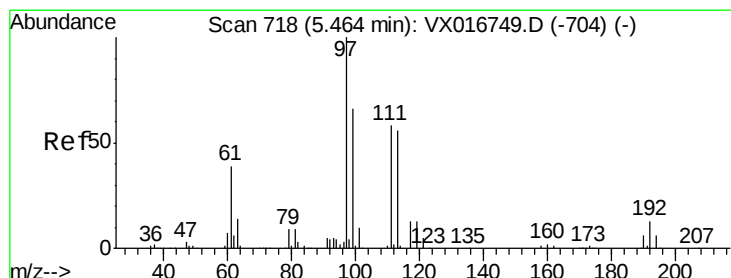
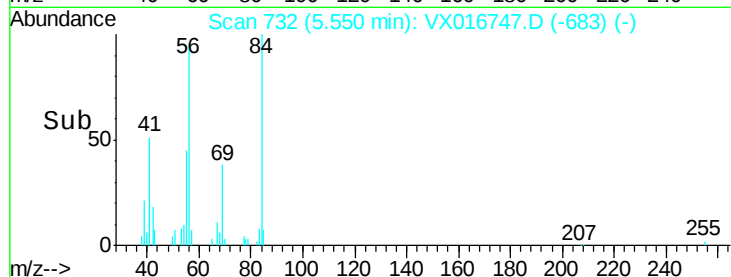
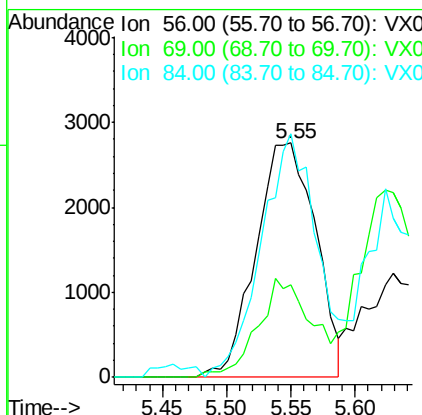
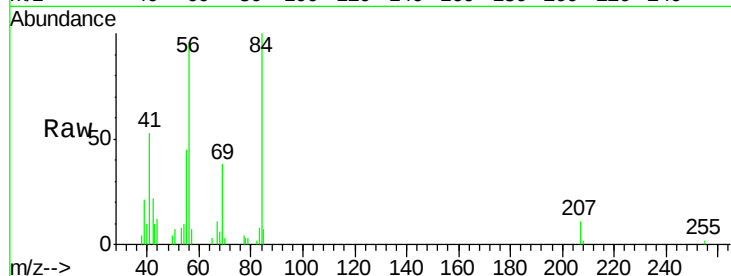
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	8862
Ion	Ratio	Lower	Upper
56	100		
69	39.6	27.1	40.7
84	100.2	74.0	111.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.253 ug/l

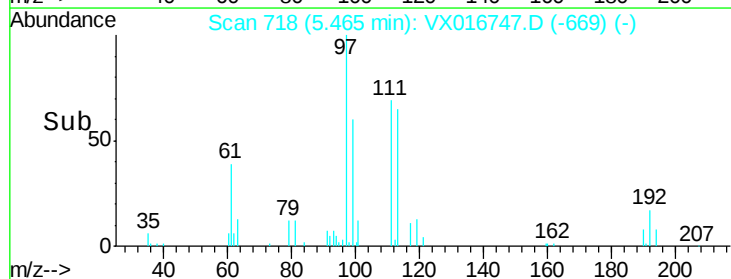
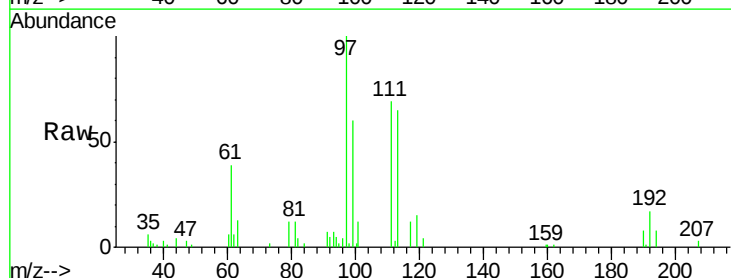
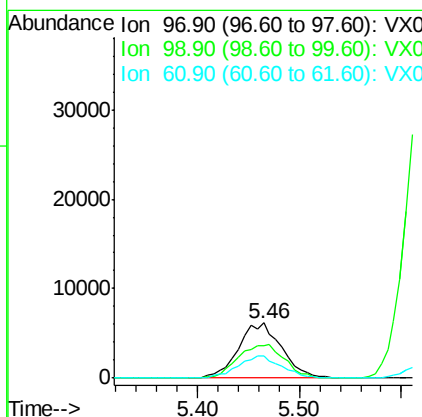
RT: 5.46 min Scan# 718

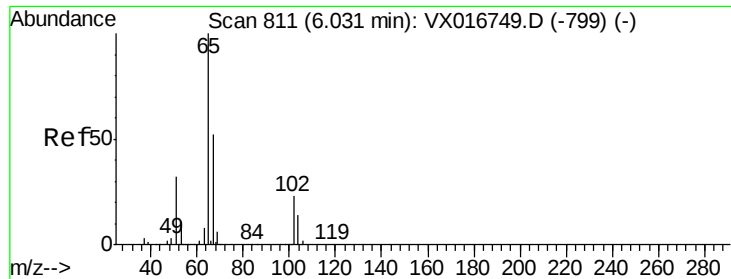
Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	97	Resp:	18091
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.5	77.3
61	40.5	31.3	46.9





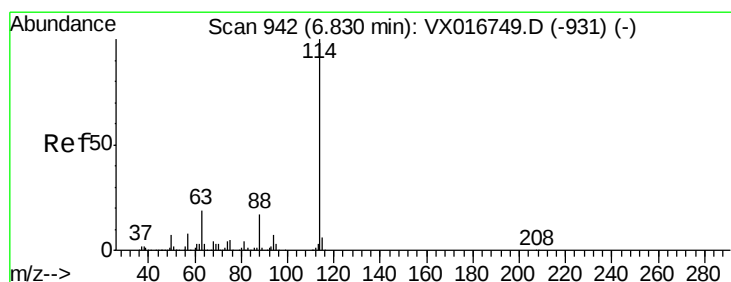
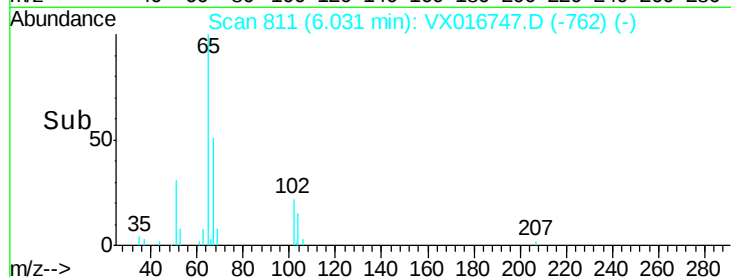
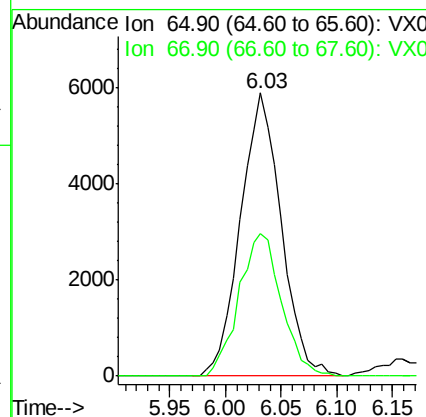
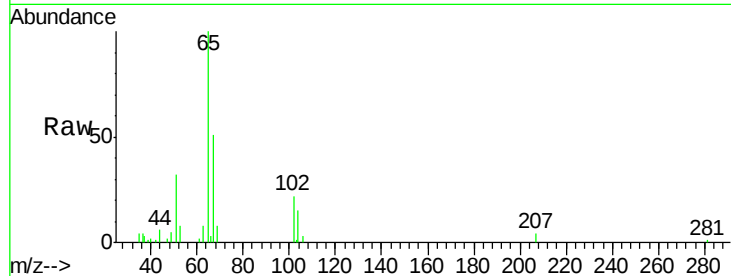
#33
 1,2-Dichloroethane-d4
 Concen: 6.218 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

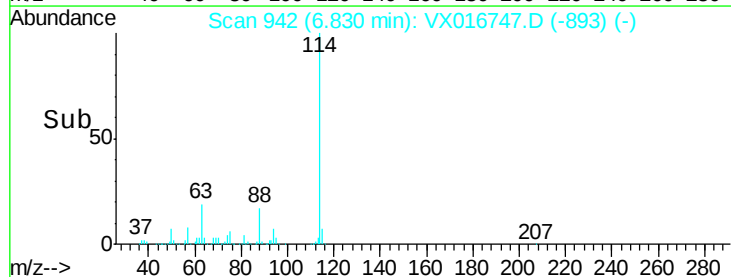
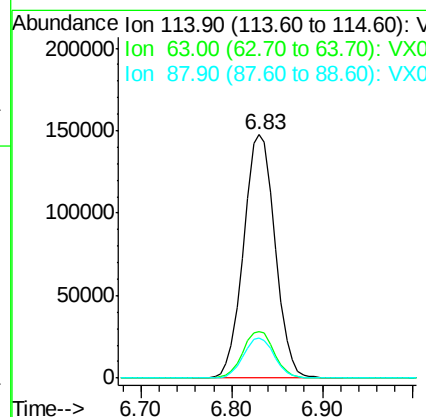
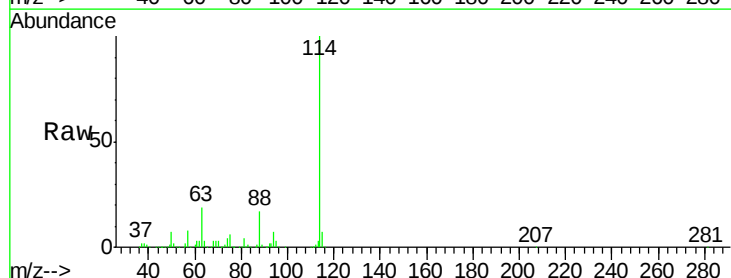
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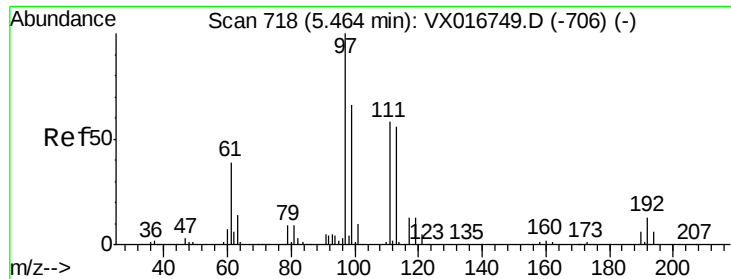
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	16.7	0.0	33.4





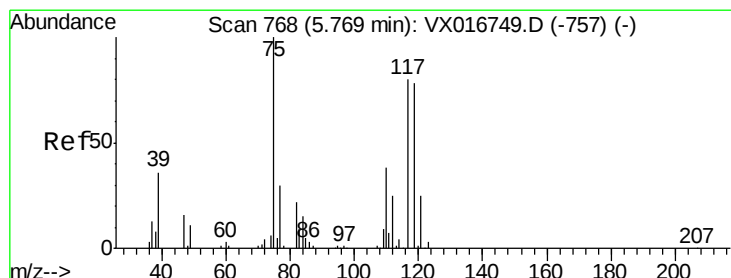
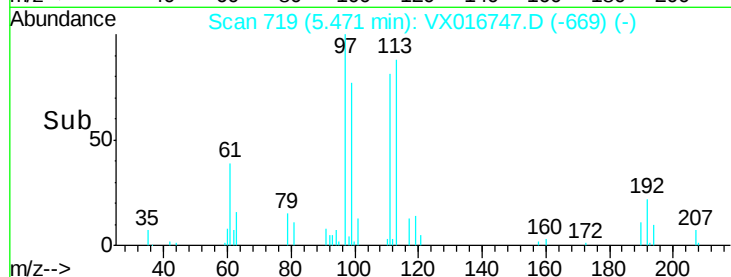
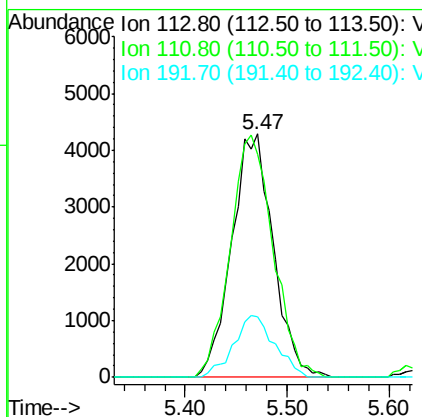
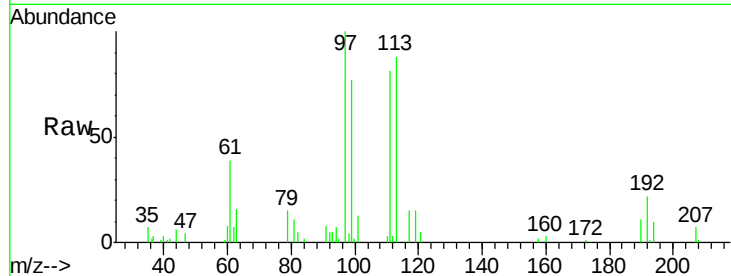
#35
 Dibromofluoromethane
 Concen: 5.536 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	25.1	18.2	27.4

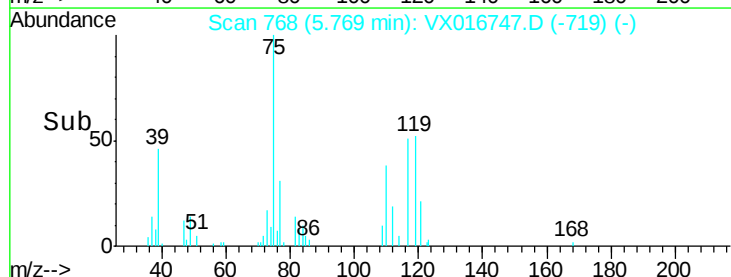
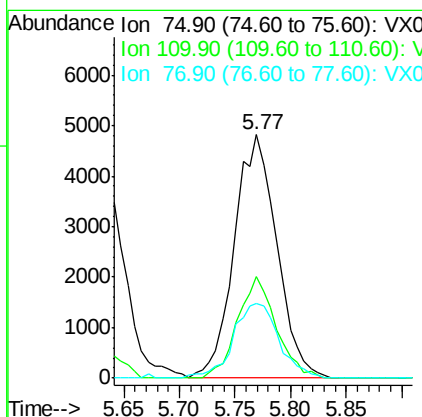
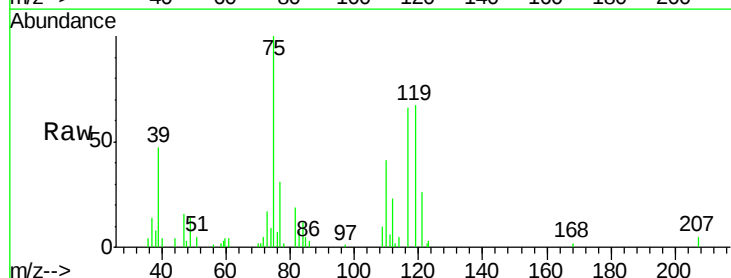
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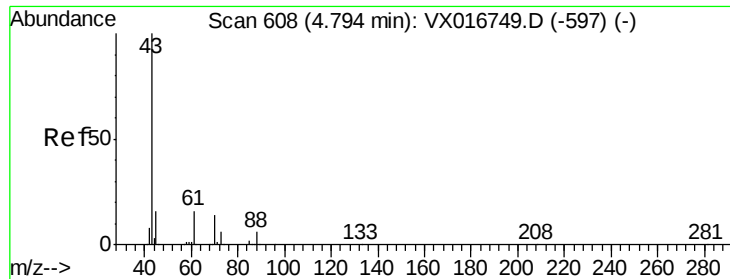
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#36
 1,1-Dichloropropene
 Concen: 3.851 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.4	55.2
77	33.1	24.7	37.1





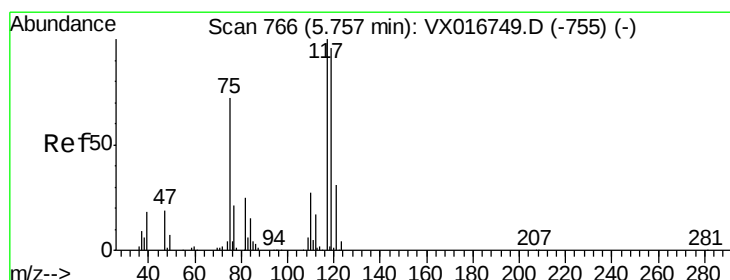
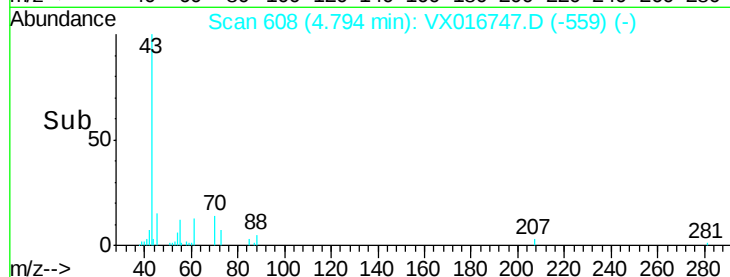
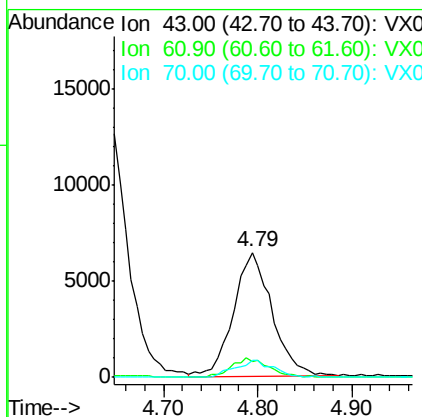
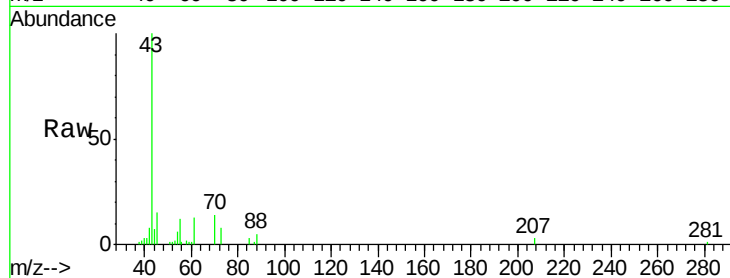
#37
Ethyl Acetate
Concen: 4.697 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	13.4	10.8	16.2

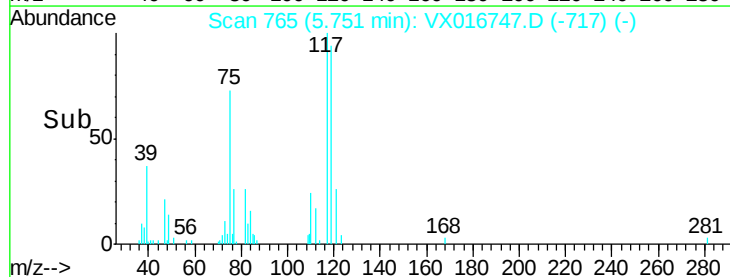
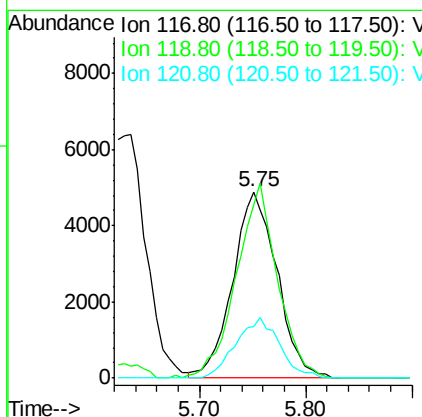
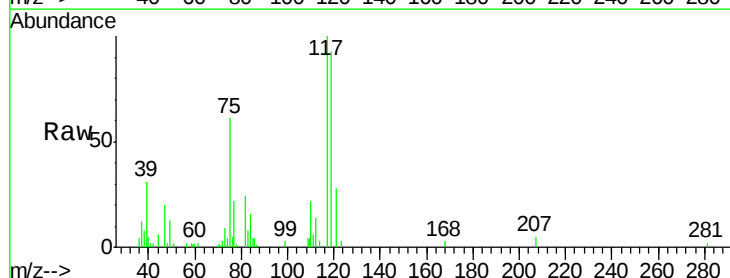
Manual Integrations
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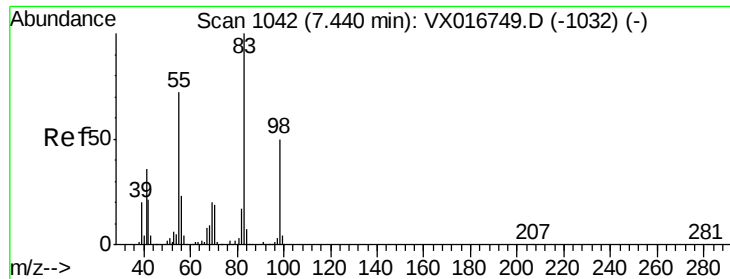
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#38
Carbon Tetrachloride
Concen: 4.012 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.7	115.1
121	27.6	24.7	37.1





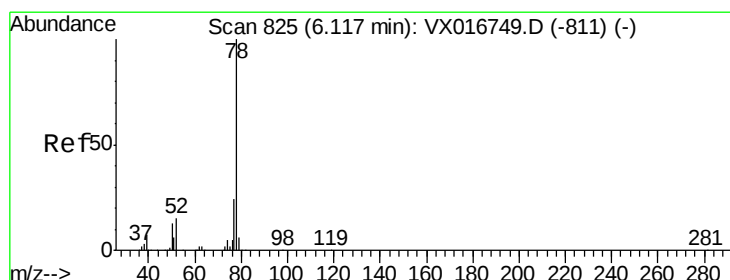
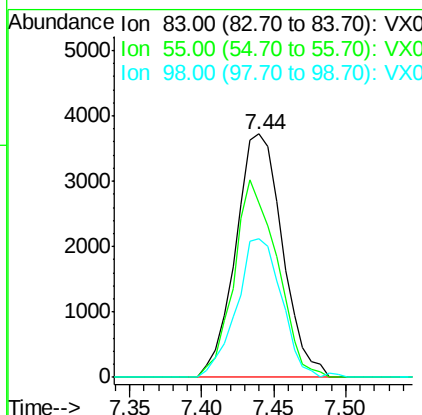
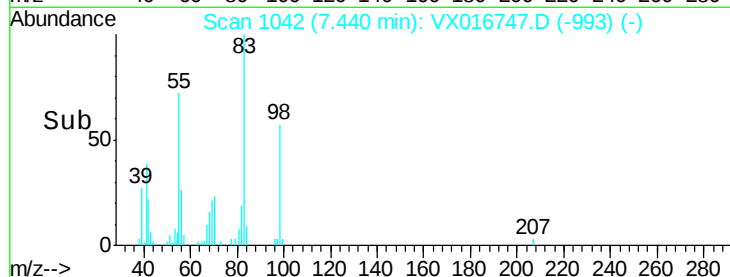
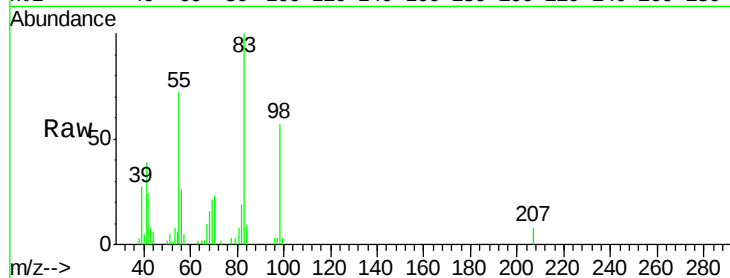
#39
Methvlcvclohexane
Concen: 2.311 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.8	57.3	85.9
98	57.1	40.3	60.5

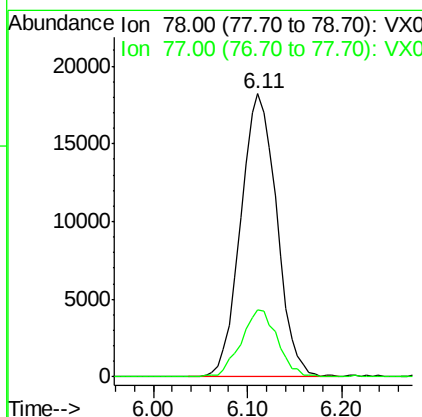
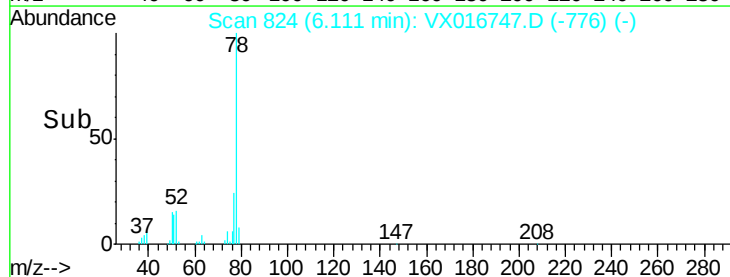
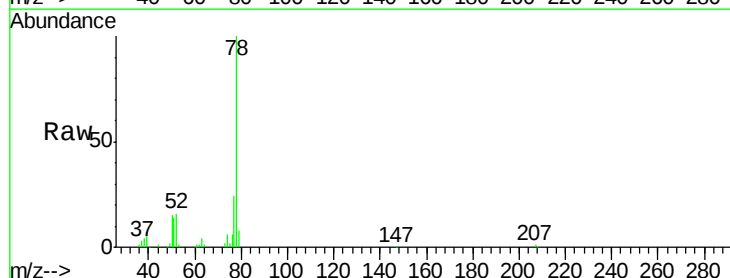
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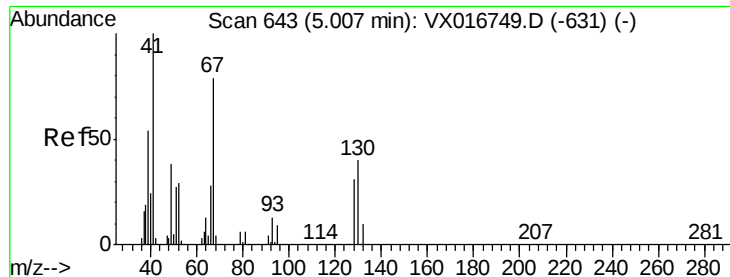
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#40
Benzene
Concen: 4.915 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 4.350 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

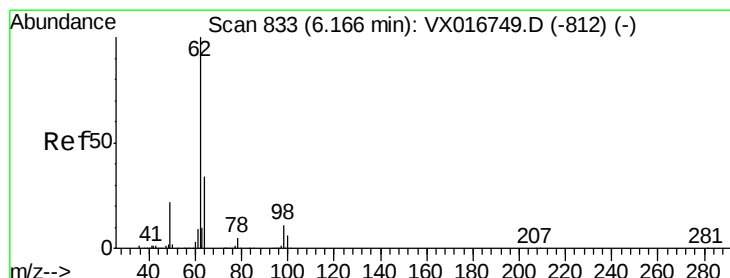
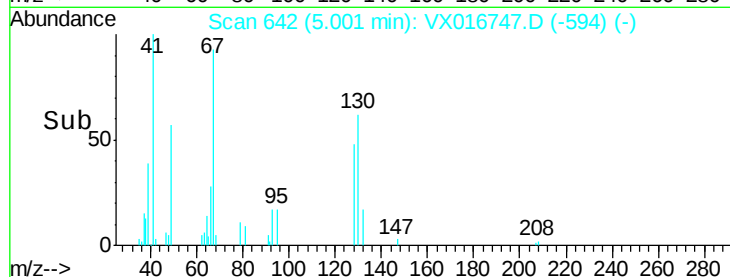
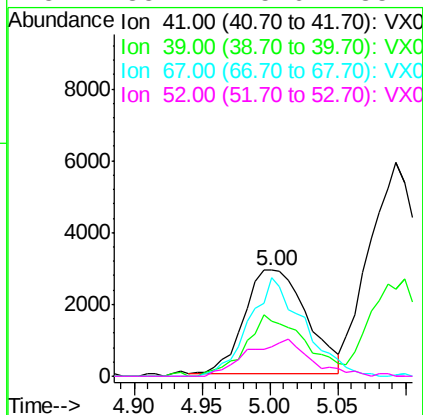
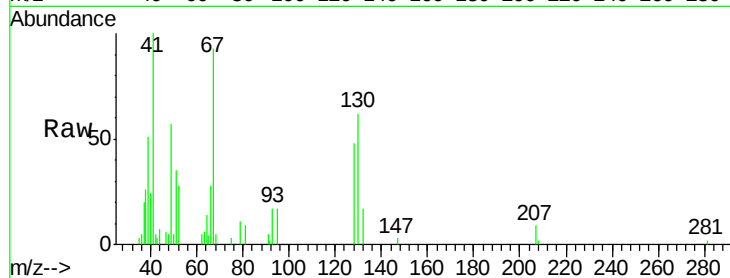
ClientSampleId :

VSTDIC005

Tot Ion:	41	Resp:	9322
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.7	65.5
67	82.9	64.6	96.8
52	35.1	25.6	38.4

Manual Integrations
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6/16/2020 3:23:07 PM



#42

1,2-Dichloroethane

Concen: 5.344 ug/l

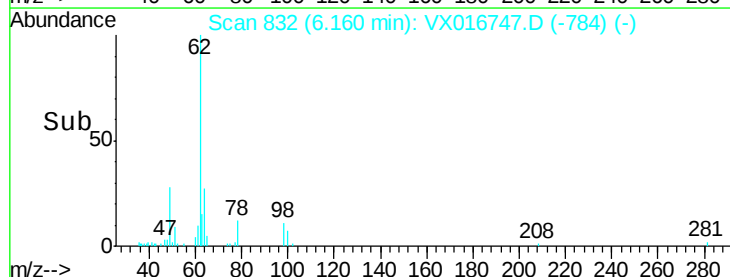
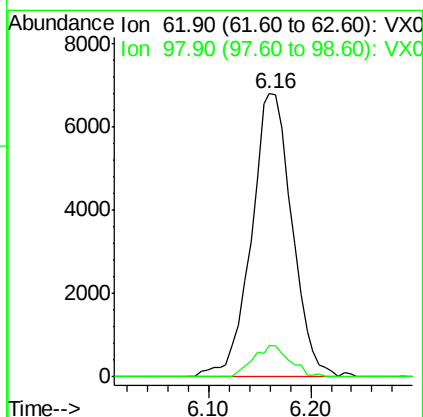
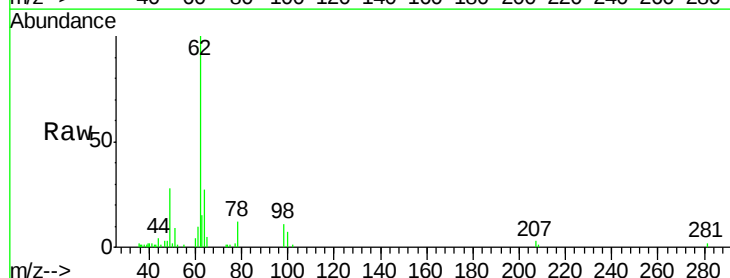
RT: 6.16 min Scan# 832

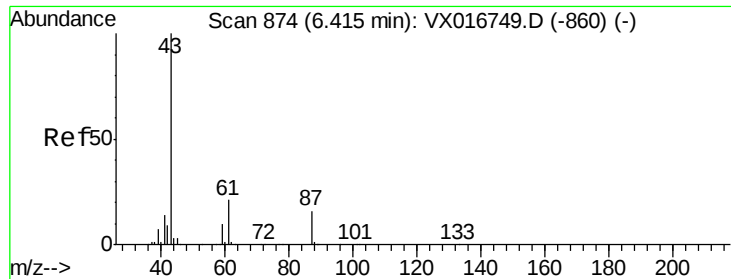
Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	62	Resp:	18800
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

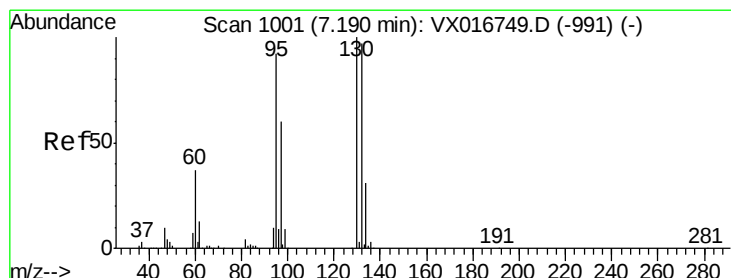
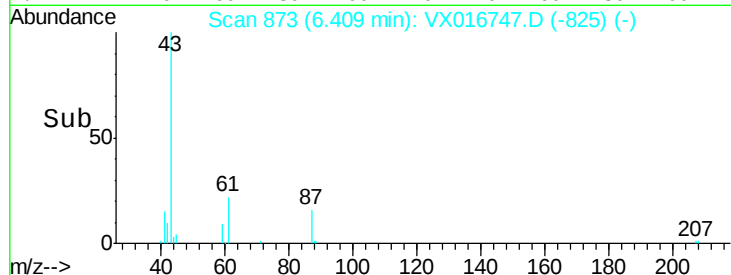
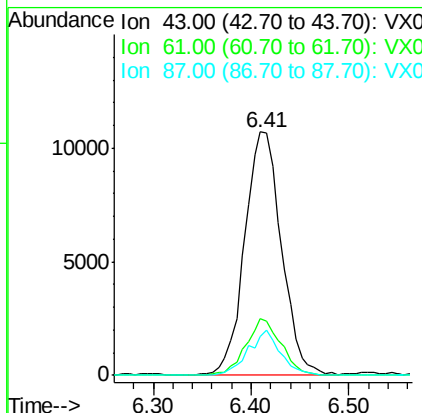
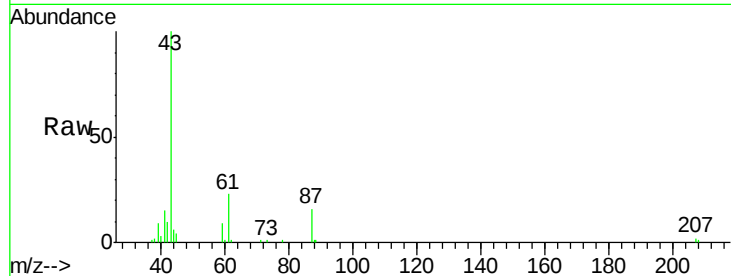
Isopropyl Acetate
 Concen: 4.585 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.7	26.5
87	16.1	12.5	18.7

Manual Integrations
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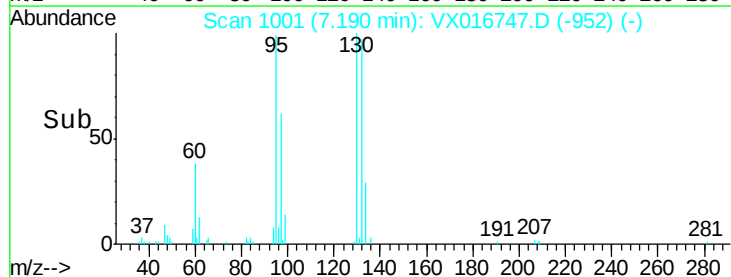
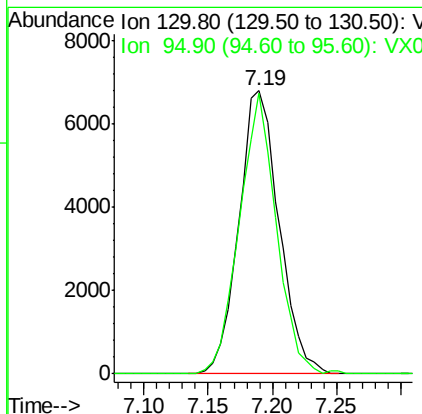
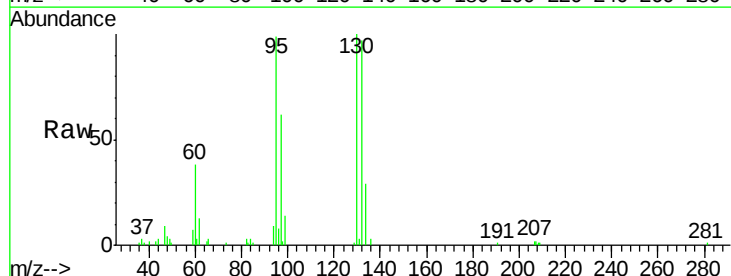
MMDadoda
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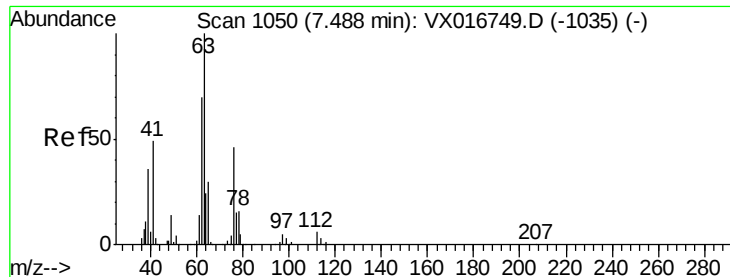


#44

Trichloroethene
 Concen: 4.681 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	183.6





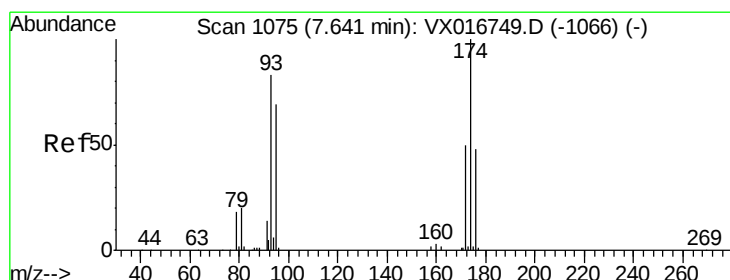
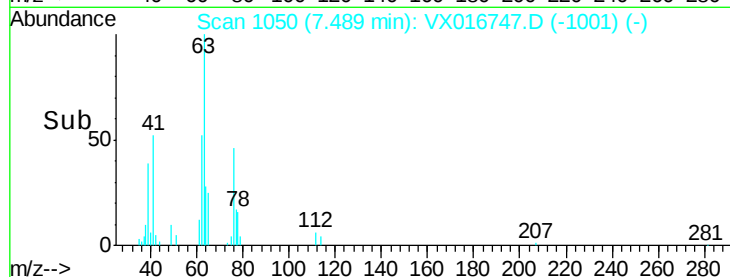
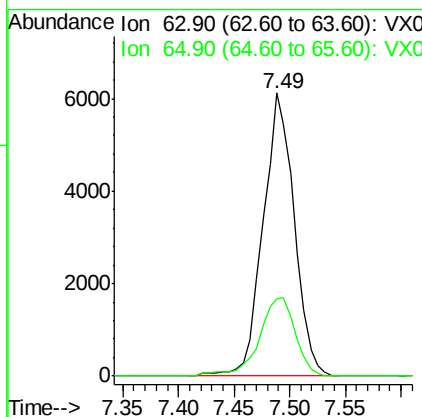
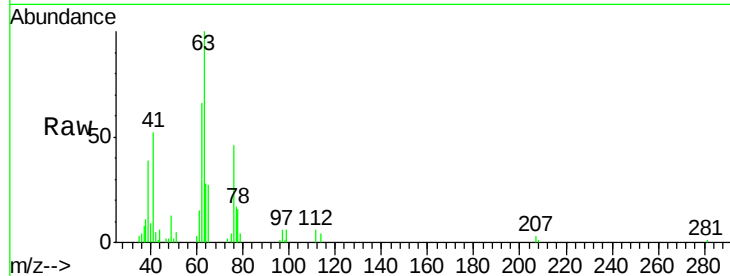
#45
 1,2-Dichloropropane
 Concen: 4.774 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.4	24.2	36.2

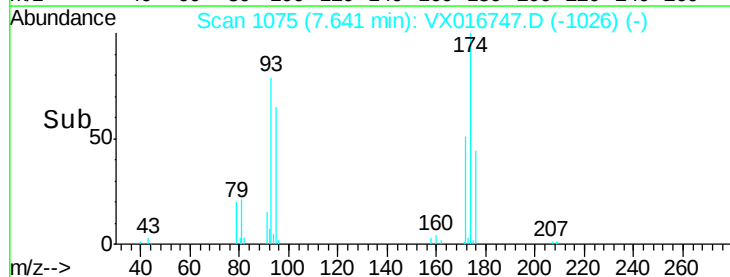
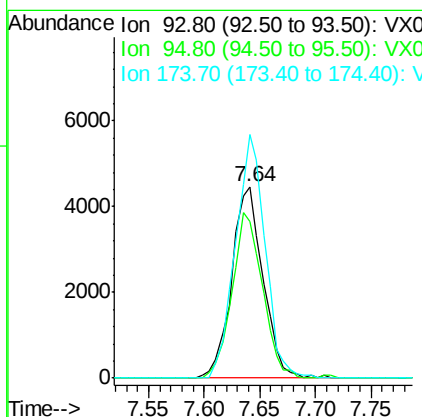
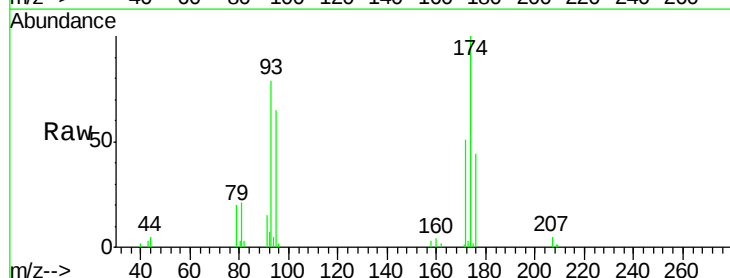
Manual Integrations
 APPROVED

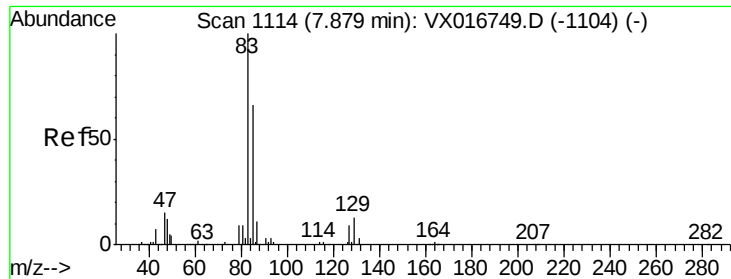
MMDadoda
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#46
 Dibromomethane
 Concen: 5.118 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.9	100.3
174	121.2	93.8	140.8





#47

Bromodichloromethane

Concen: 5.126 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

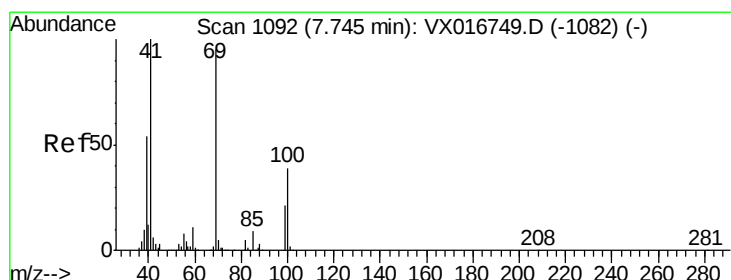
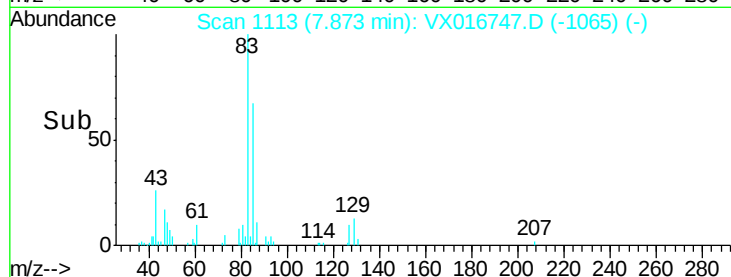
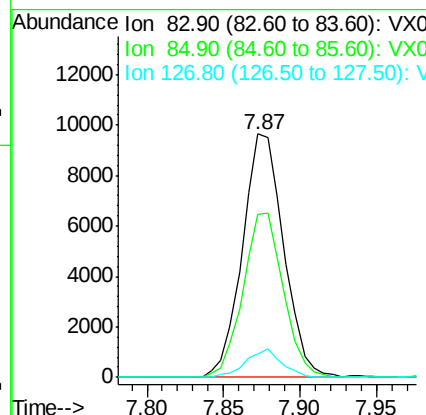
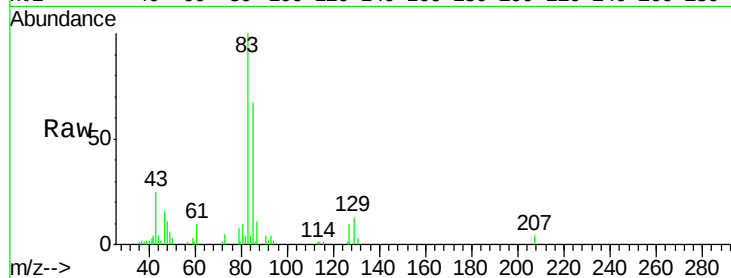
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	18037
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.5	78.7
127	9.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.449 ug/l

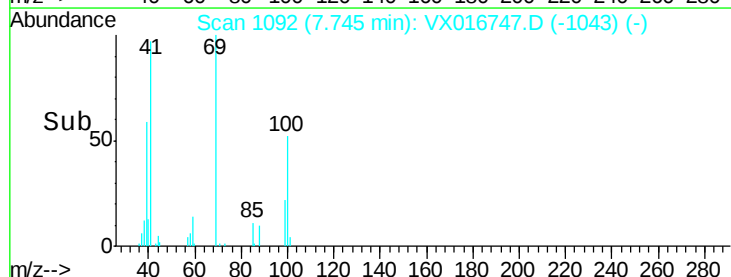
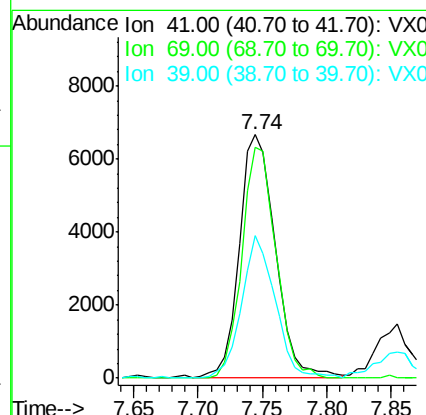
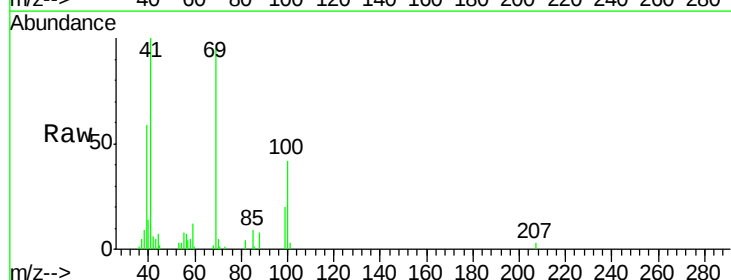
RT: 7.74 min Scan# 1092

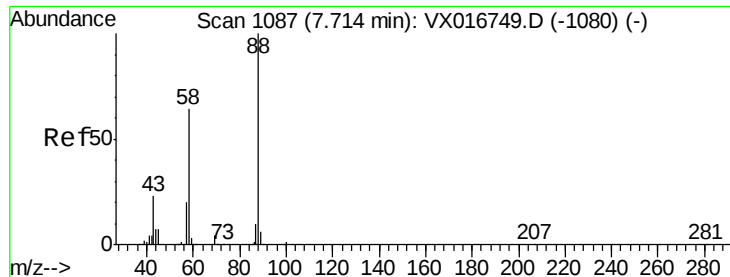
Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	41	Resp:	12969
Ion	Ratio	Lower	Upper
41	100		
69	89.0	75.0	112.6
39	54.4	44.3	66.5





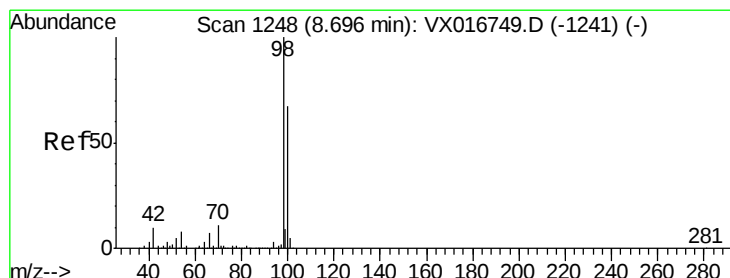
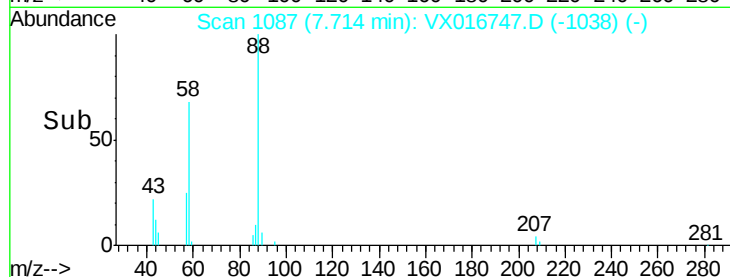
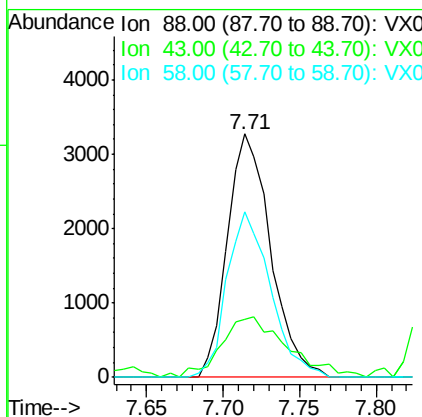
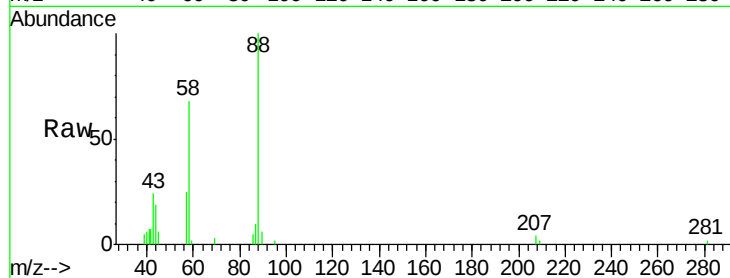
#49
1,4-Dioxane
Concen: 93.479 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	22.9	34.3#
58	68.8	53.7	80.5

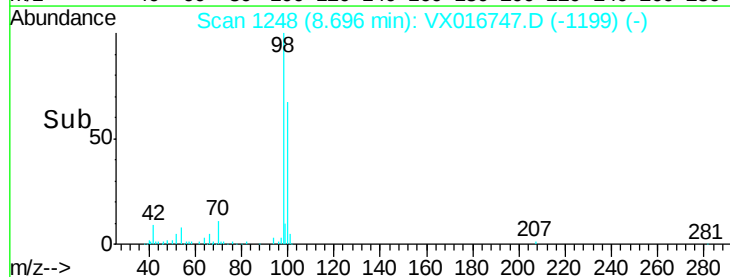
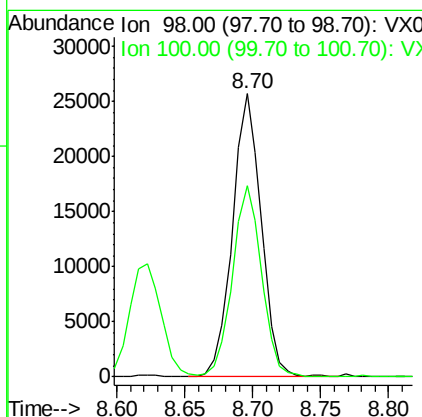
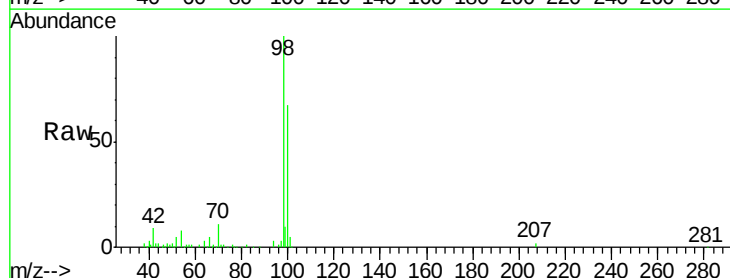
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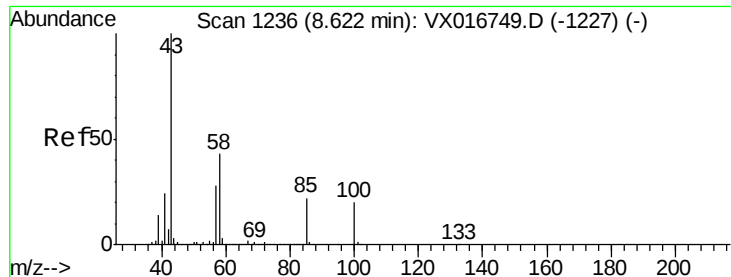
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#50
Toluene-d8
Concen: 4.491 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.5	53.9	80.9





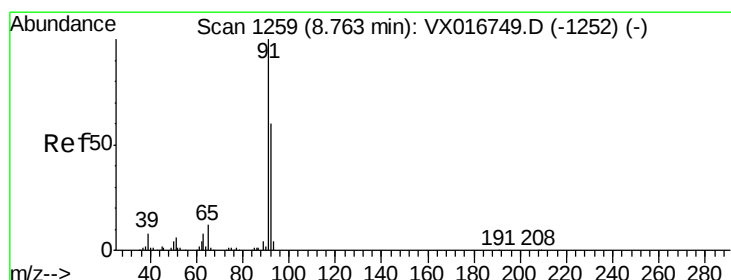
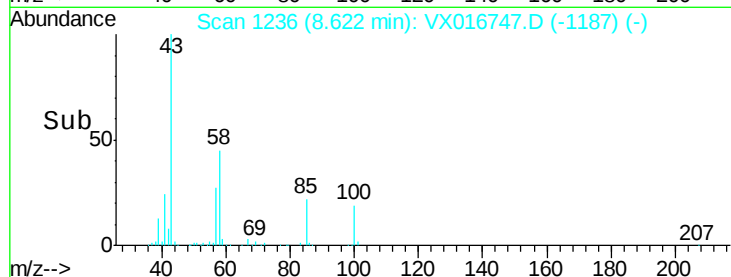
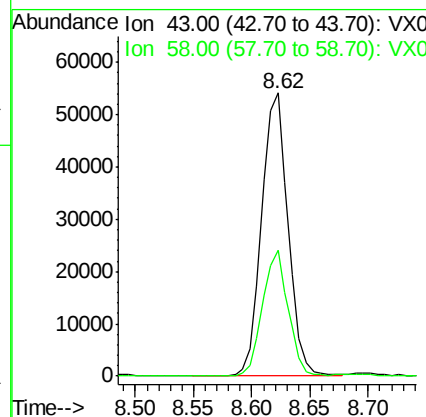
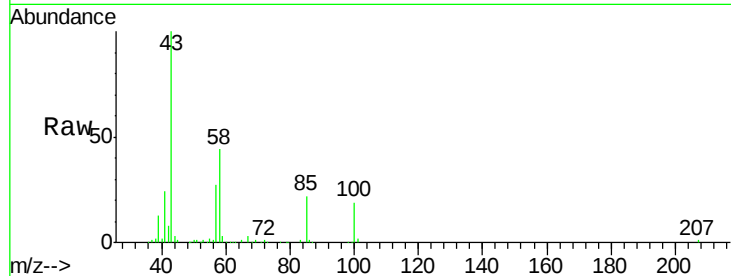
#51
4-Methyl-2-Pentanone
Concen: 22.782 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 86323
Ion Ratio Lower Upper
43 100
58 42.8 34.6 52.0

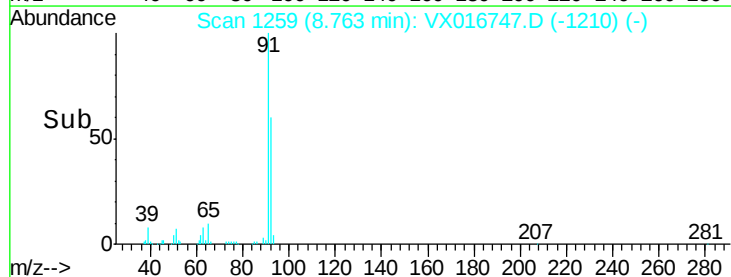
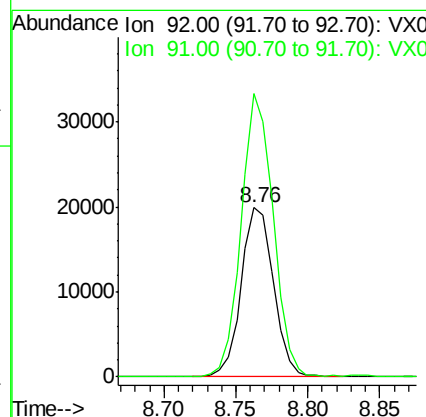
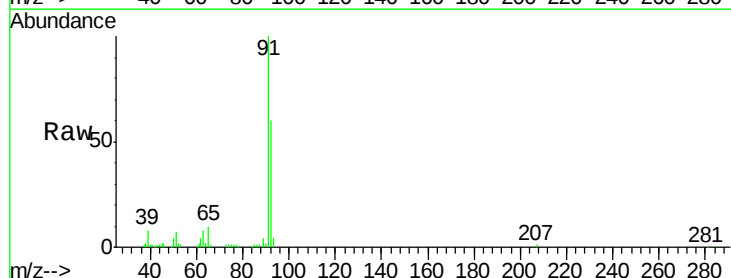
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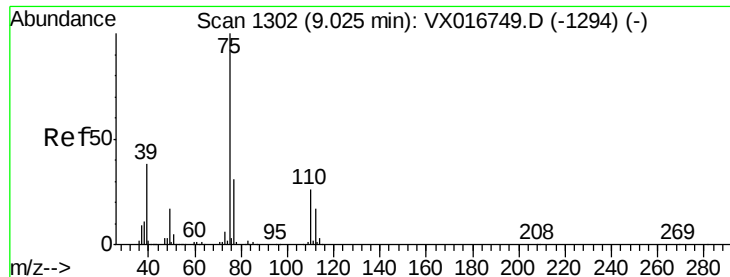
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#52
Toluene
Concen: 4.949 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion: 92 Resp: 30978
Ion Ratio Lower Upper
92 100
91 166.0 136.1 204.1





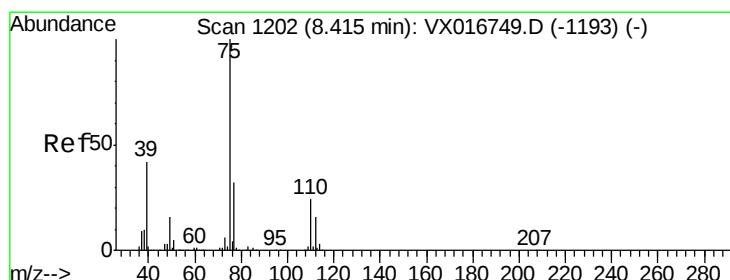
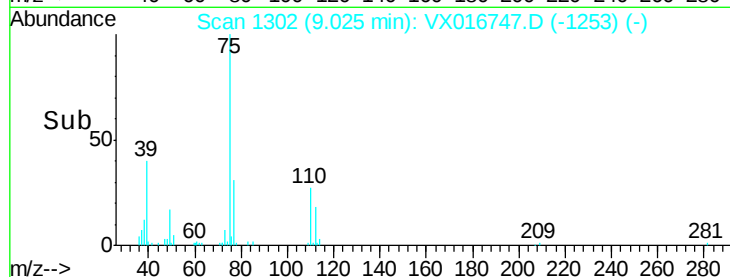
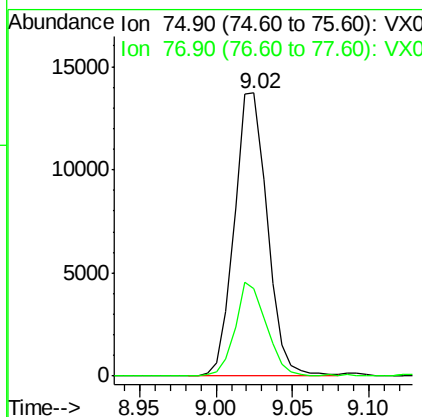
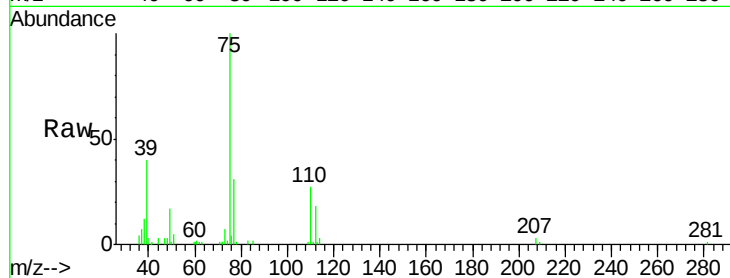
#53
t-1,3-Dichloropropene
Concen: 5.145 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1

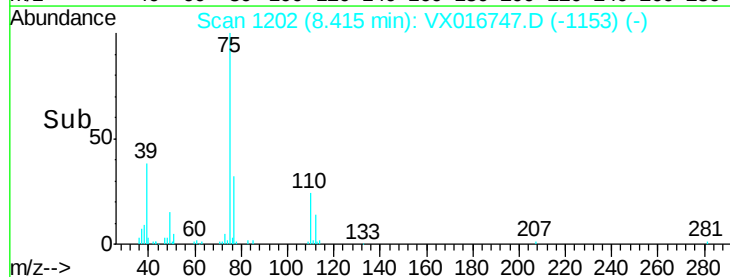
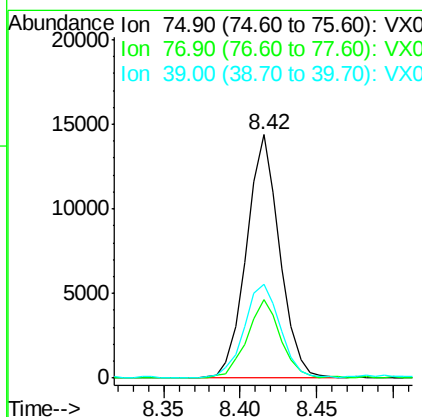
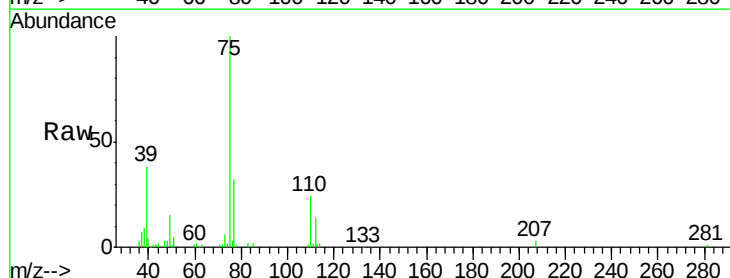
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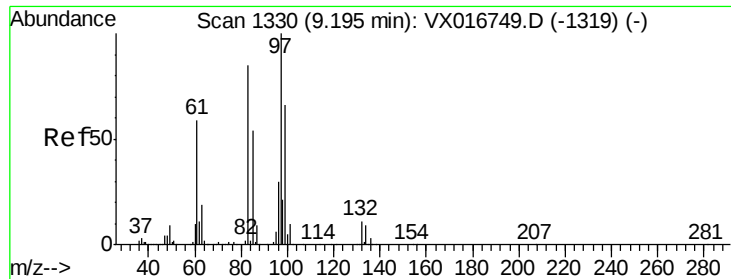
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#54
cis-1,3-Dichloropropene
Concen: 5.128 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
39	38.5	33.7	50.5





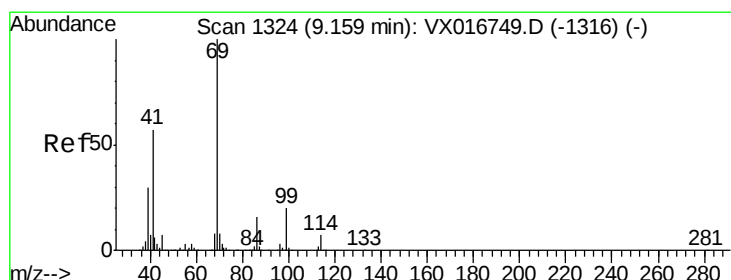
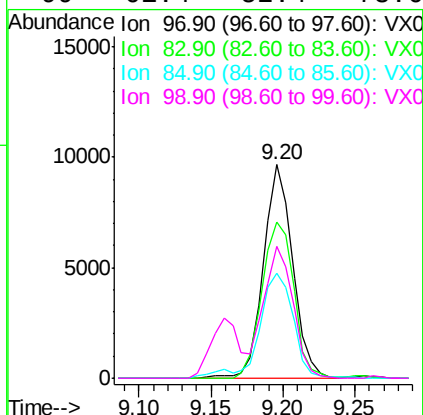
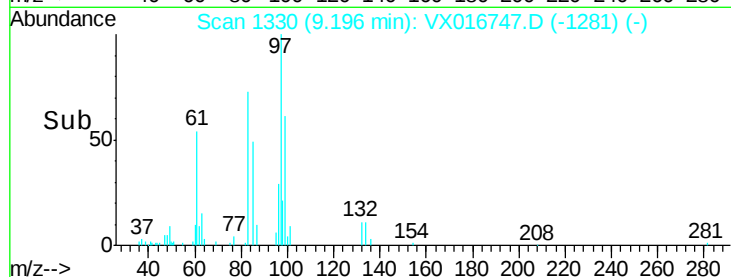
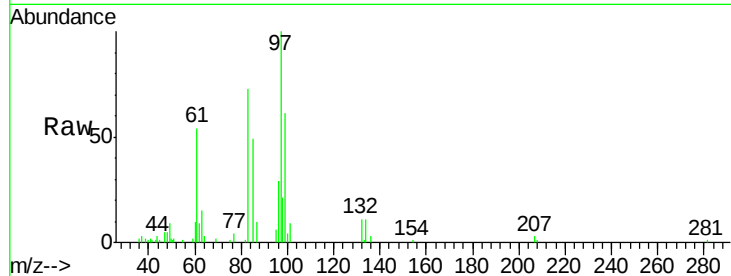
#55
 1,1,2-Trichloroethane
 Concen: 5.423 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	73.2	68.3	102.5
85	49.0	43.5	65.3
99	61.4	52.4	78.6

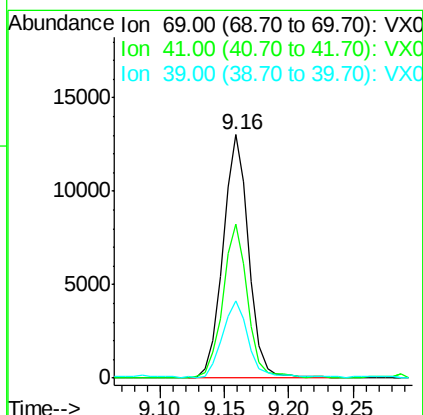
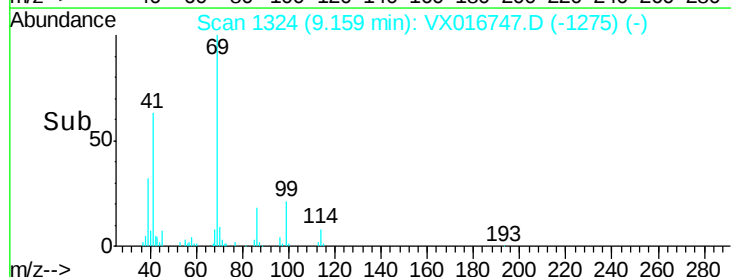
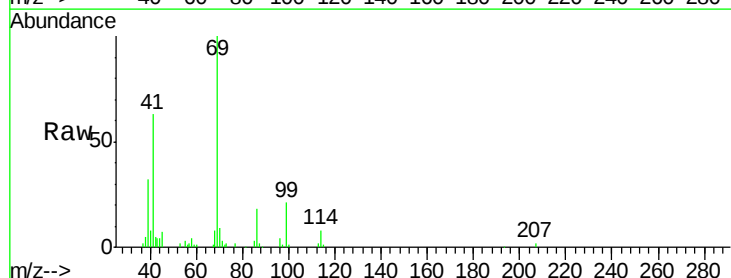
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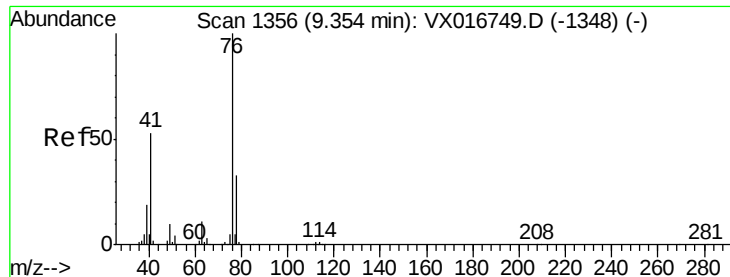
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#56
 Ethyl methacrylate
 Concen: 4.558 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.1	70.7
39	33.3	25.0	37.6





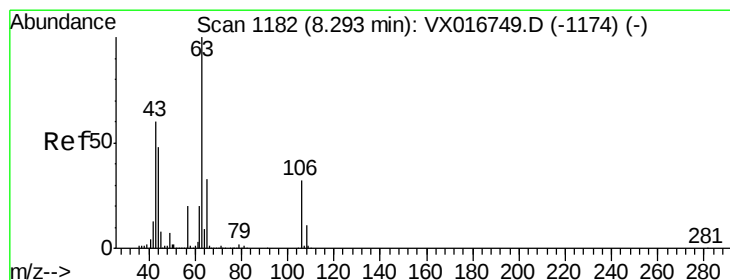
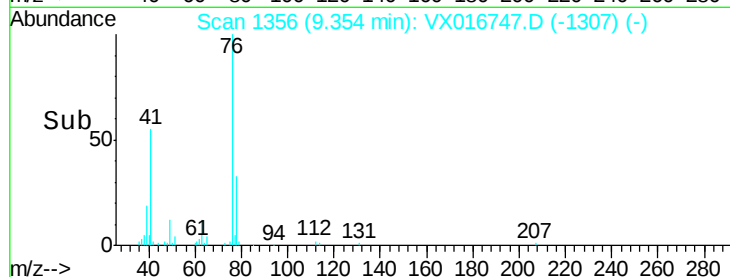
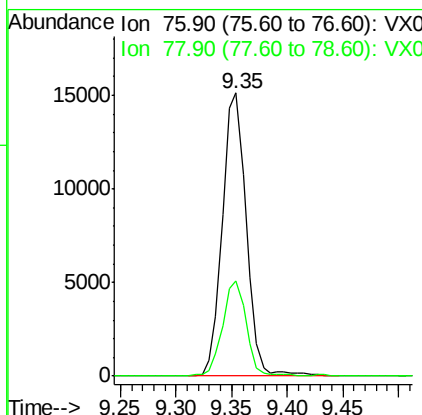
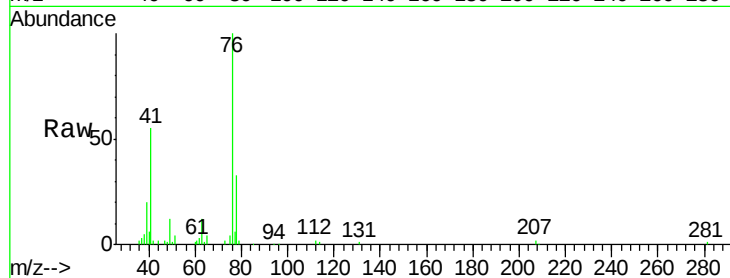
#57
 1,3-Dichloropropane
 Concen: 5.320 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.7	38.5

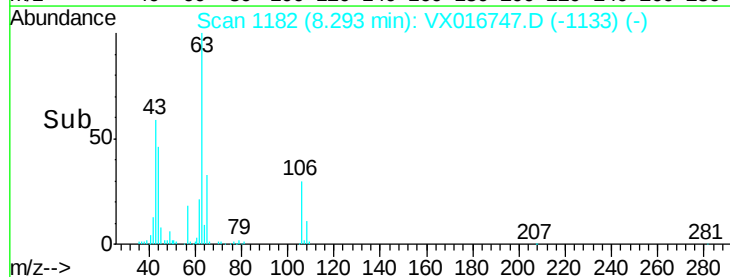
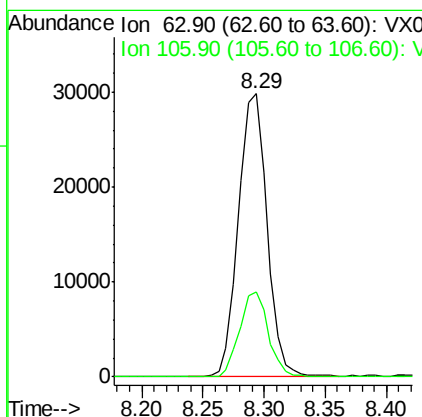
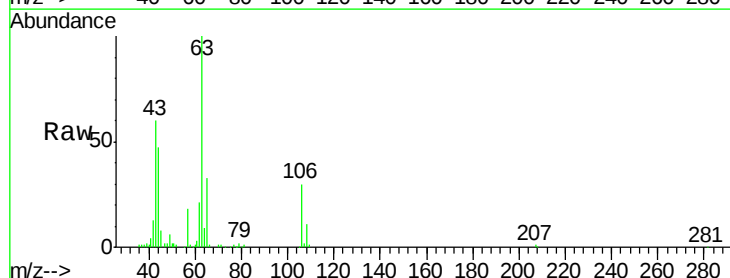
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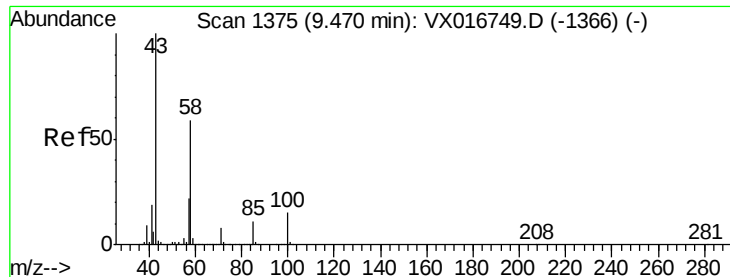
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#58
 2-Chloroethyl Vinyl ether
 Concen: 23.184 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	25.5	38.3





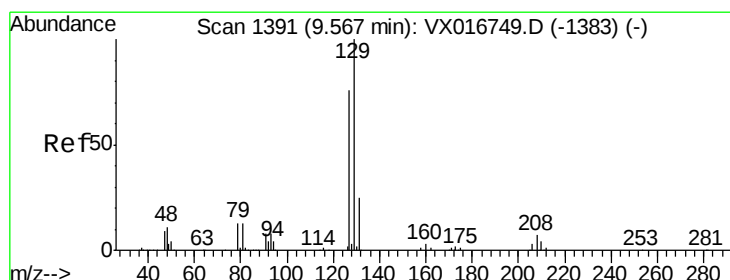
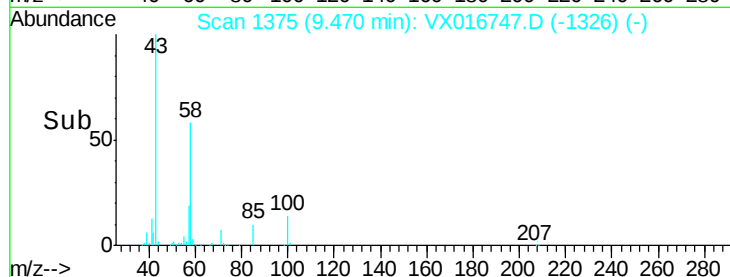
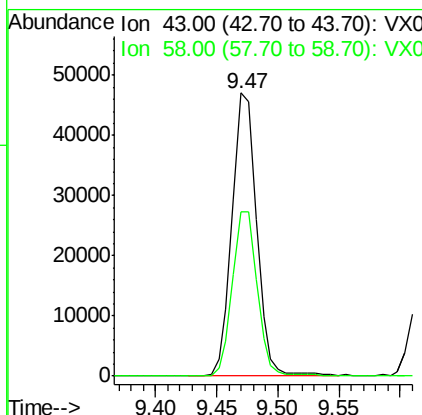
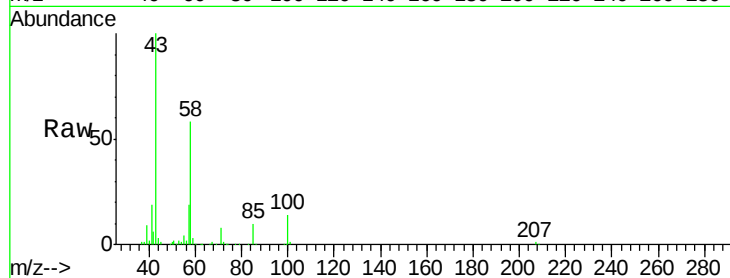
#59
2-Hexanone
Concen: 22.347 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.0	29.9	89.8

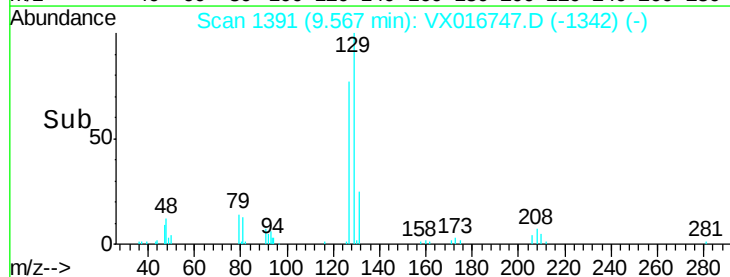
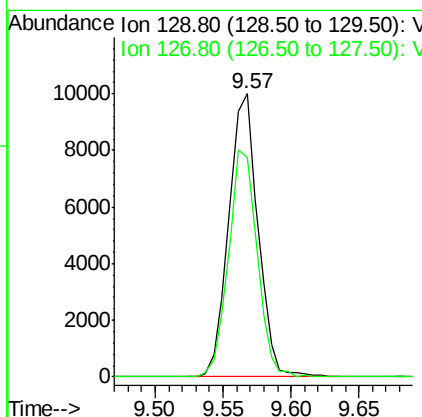
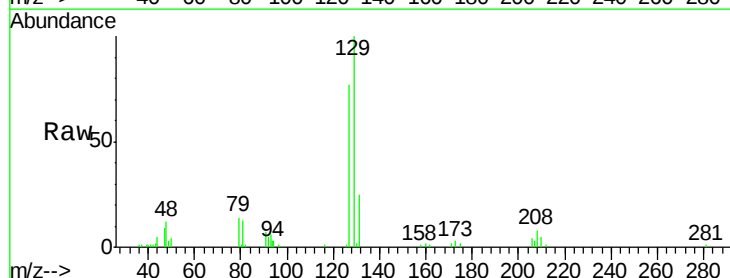
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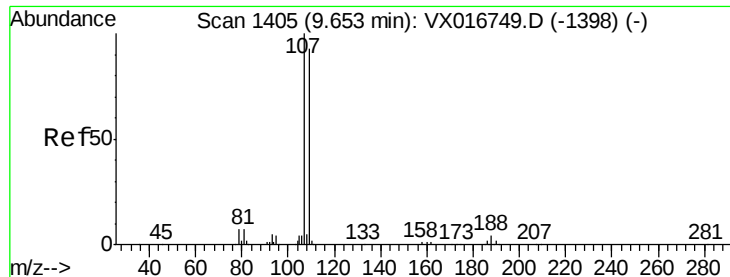
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6/16/2020 3:23:07 PM



#60
Dibromochloromethane
Concen: 5.289 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	38.7	116.1





#61

1,2-Dibromoethane

Concen: 5.257 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 14099

Ion Ratio Lower Upper

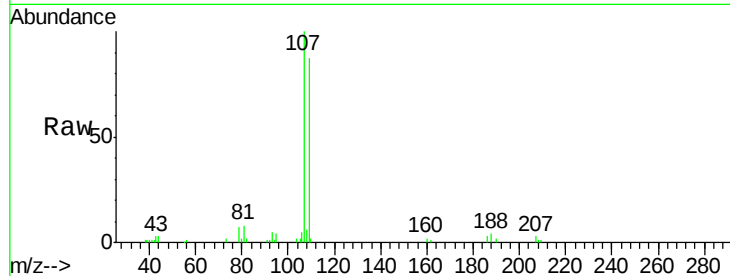
107 100

109 94.0 74.2 111.4

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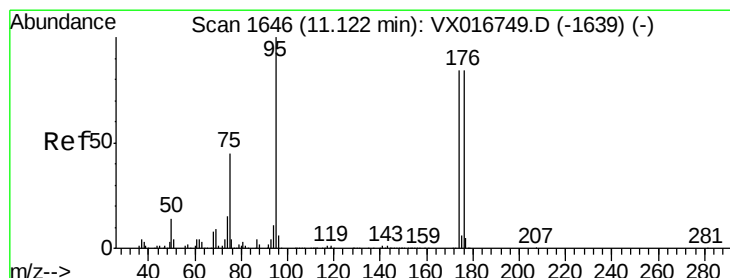
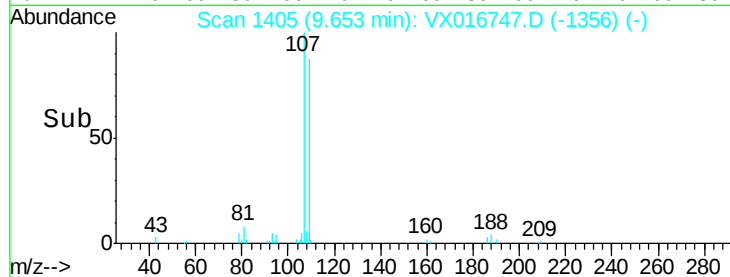
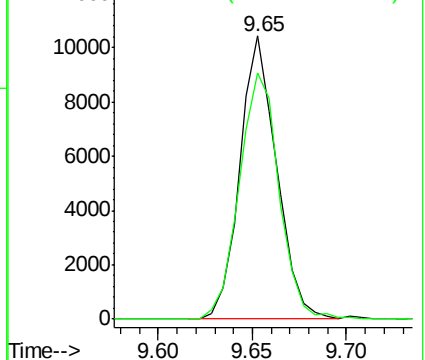
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.549 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

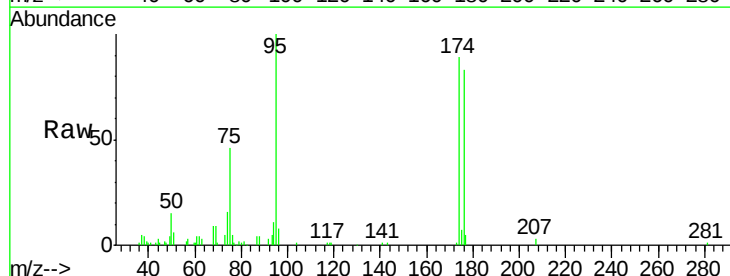
Tgt Ion: 95 Resp: 14818

Ion Ratio Lower Upper

95 100

174 88.2 0.0 171.0

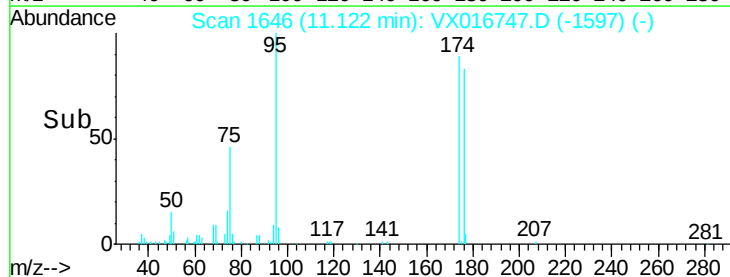
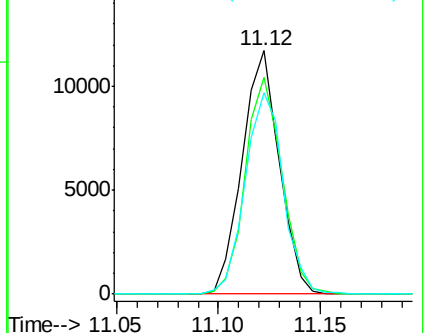
176 85.2 0.0 166.2

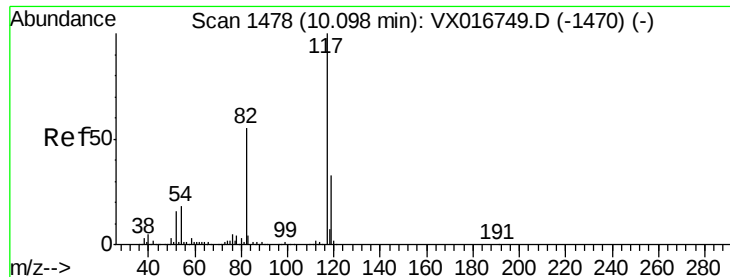


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





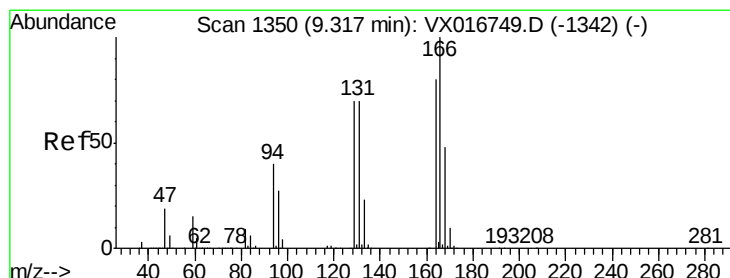
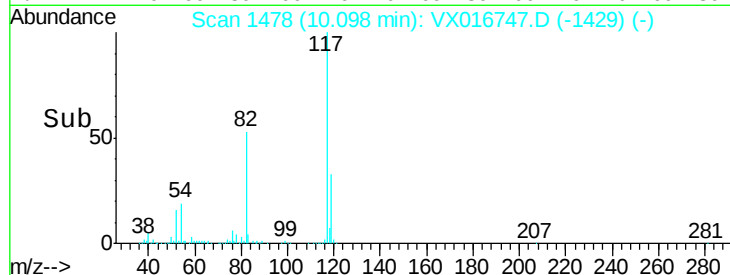
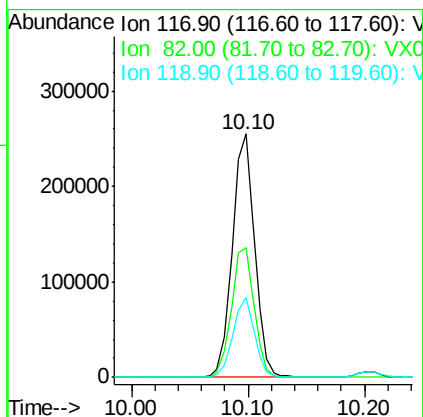
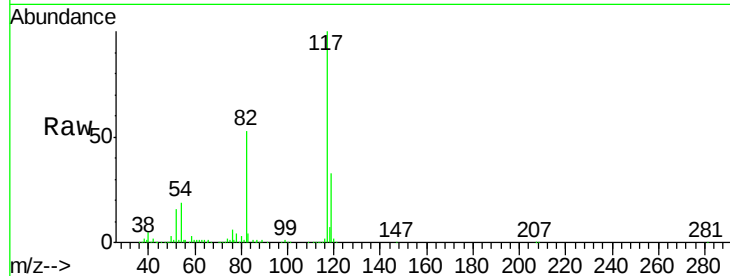
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	341320		
82	53.1	43.8	65.6	
119	32.9	26.2	39.4	

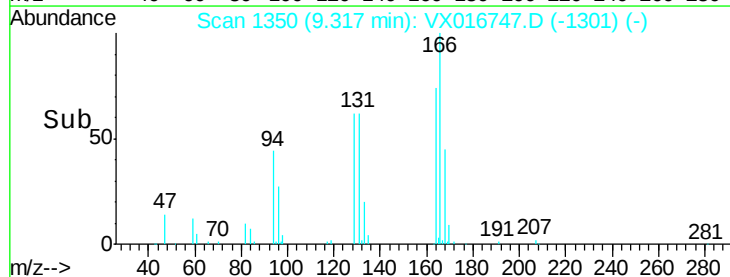
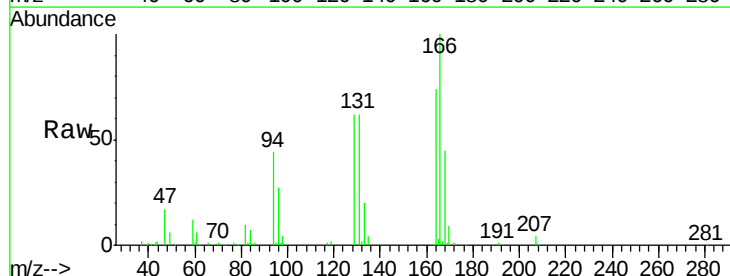
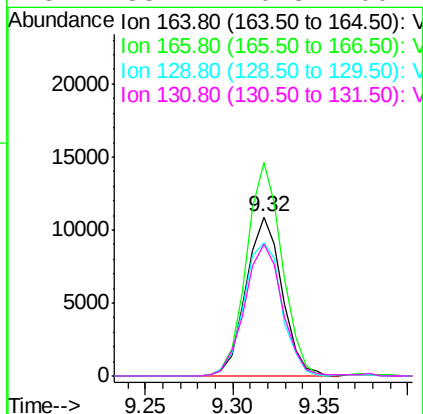
Manual Integrations
APPROVED

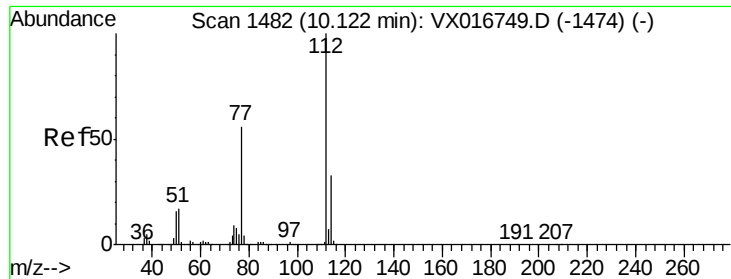
MMDadoda
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#64
Tetrachloroethene
Concen: 4.209 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	15658		
166	134.5	100.6	150.8	
129	83.6	70.1	105.1	
131	83.2	70.8	106.2	





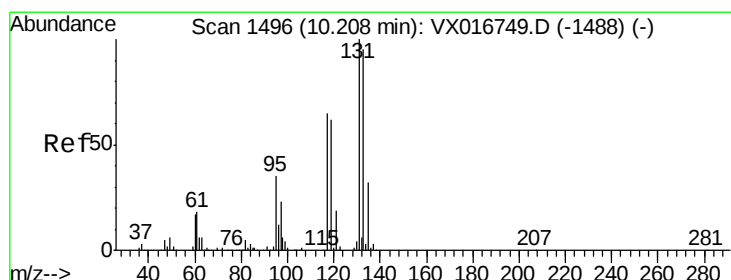
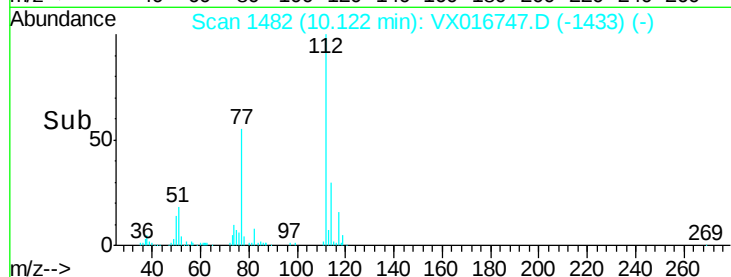
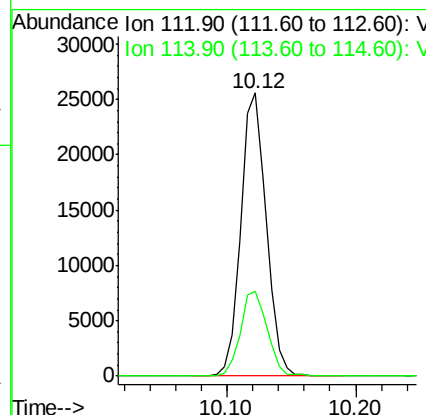
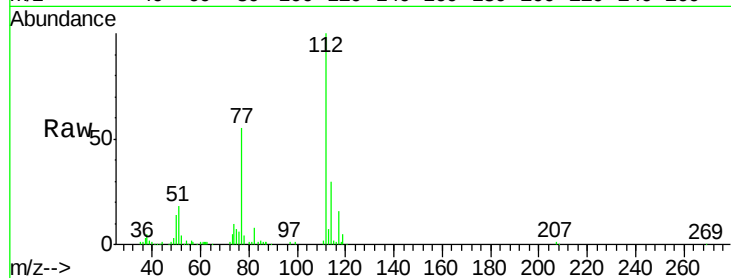
#65
Chlorobenzene
Concen: 5.083 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.9	26.2	39.4

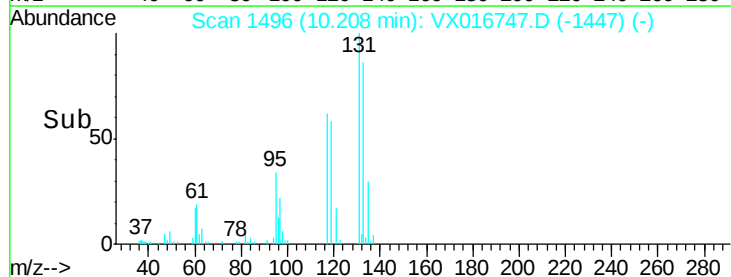
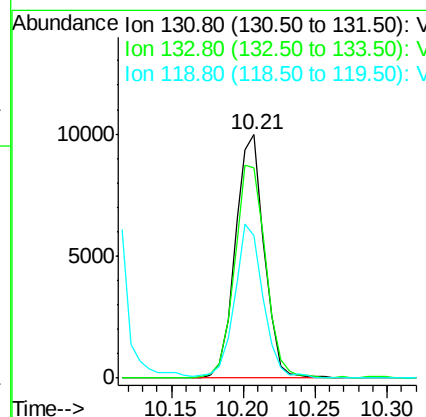
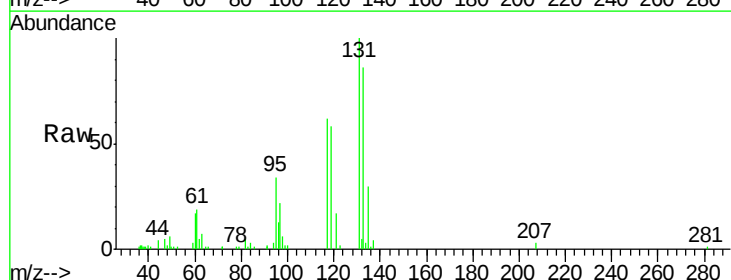
Manual Integrations
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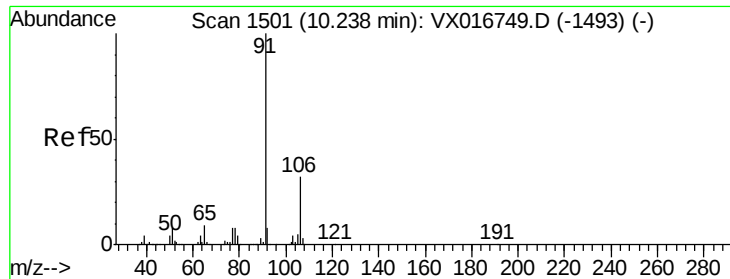
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.232 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	46.8	140.3
119	63.2	31.4	94.0





#67

Ethyl Benzene

Concen: 4.360 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 53271

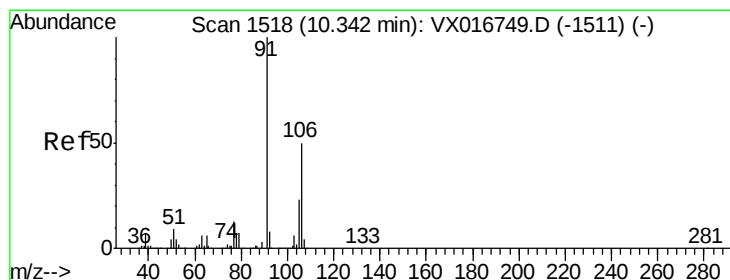
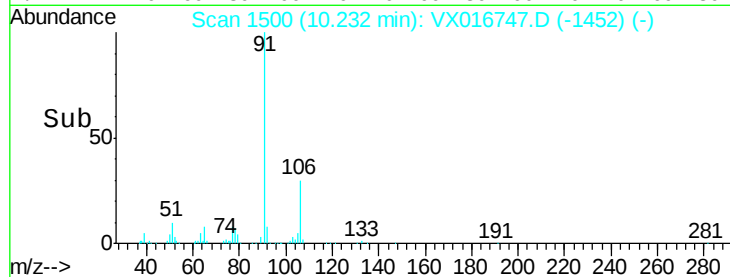
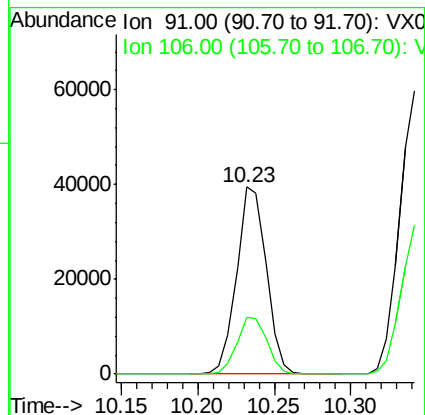
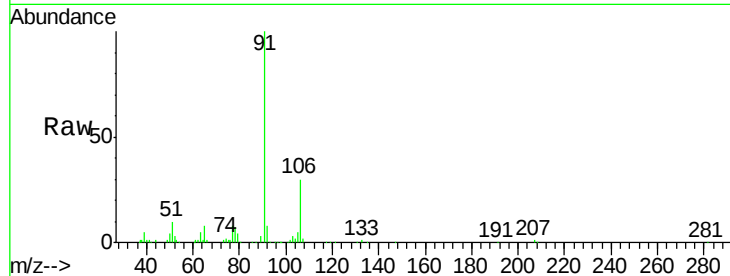
Ion Ratio Lower Upper

91 100

106 30.3 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 8.796 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016747.D

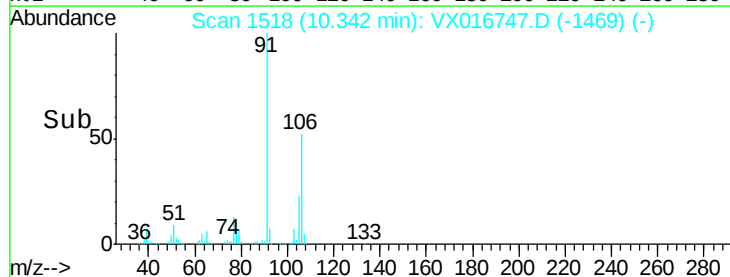
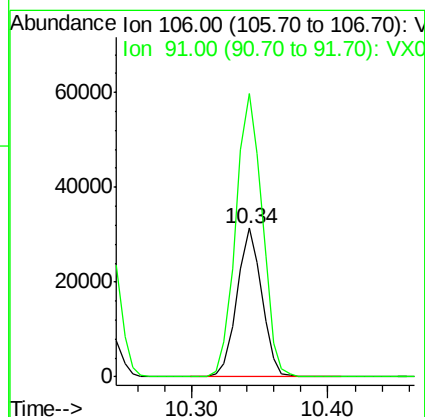
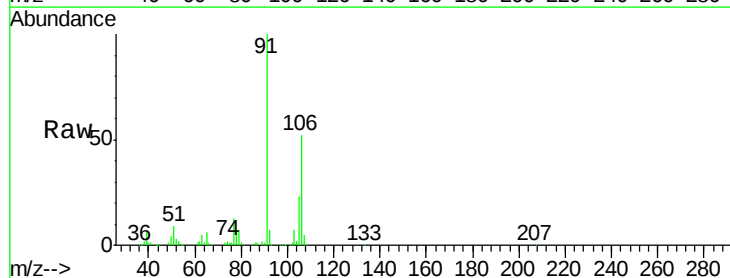
Acq: 15 Jun 2020 11:33

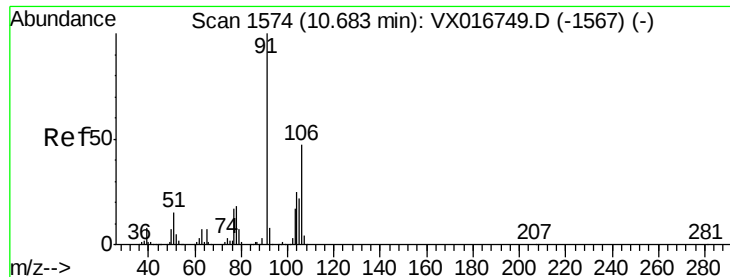
Tgt Ion: 106 Resp: 40055

Ion Ratio Lower Upper

106 100

91 203.0 161.2 241.8





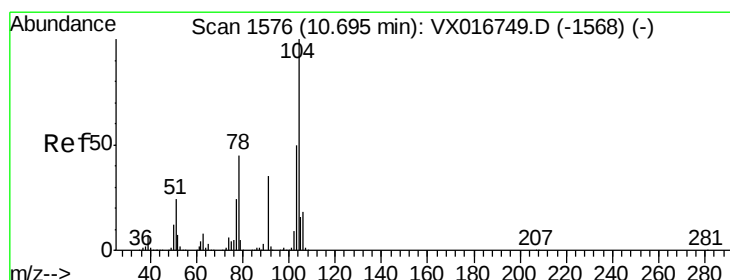
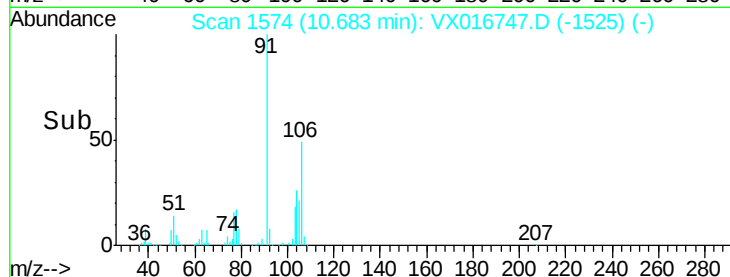
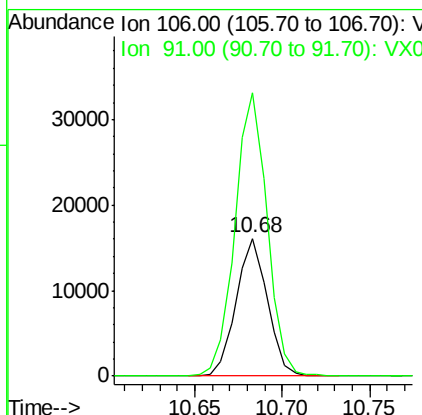
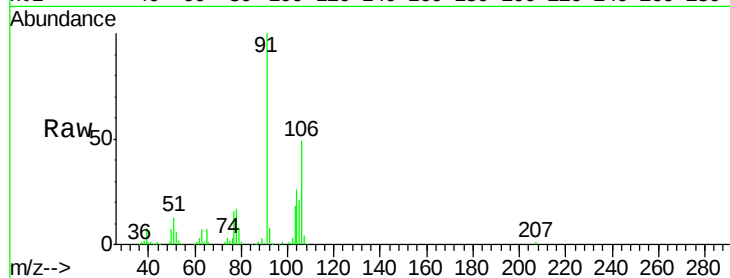
#69
o-Xylene
Concen: 4.525 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	106.9	320.8

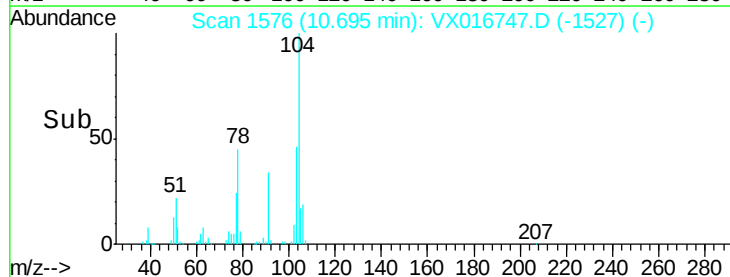
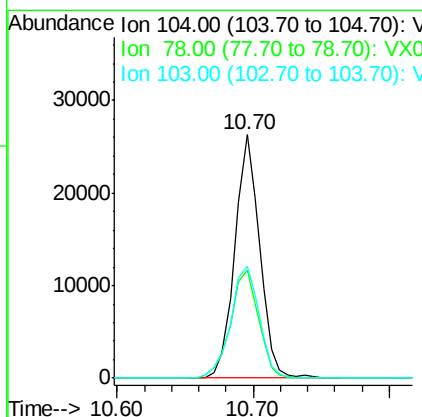
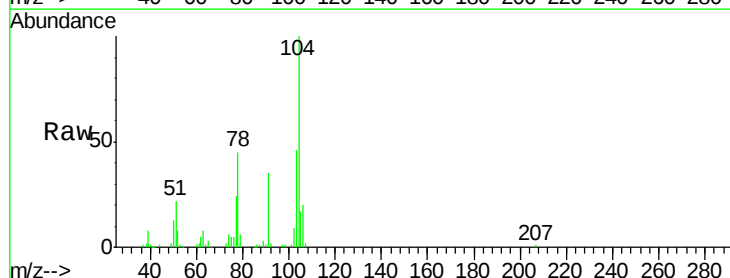
Manual Integrations
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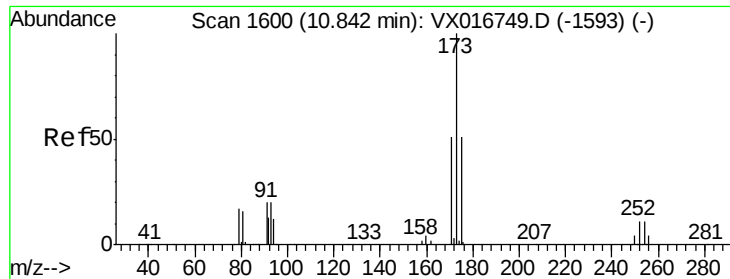
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#70
Styrene
Concen: 4.418 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	39.8	59.8
103	53.0	43.4	65.2





#71

Bromoform

Concen: 5.094 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 11406

Ion Ratio Lower Upper

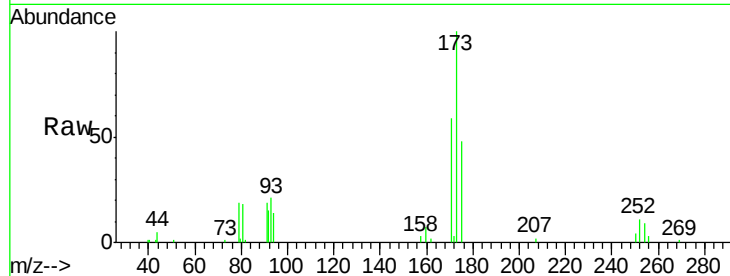
173 100

175 47.2 25.1 75.4

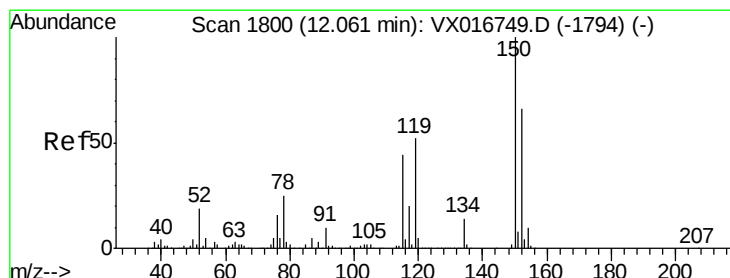
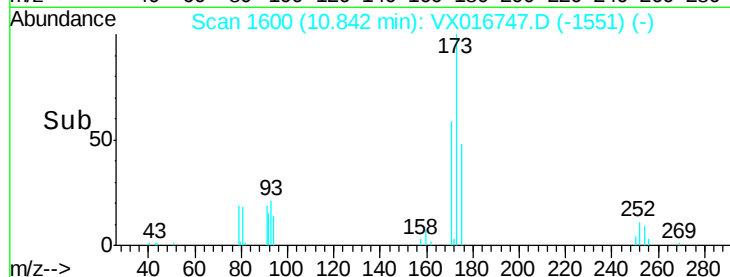
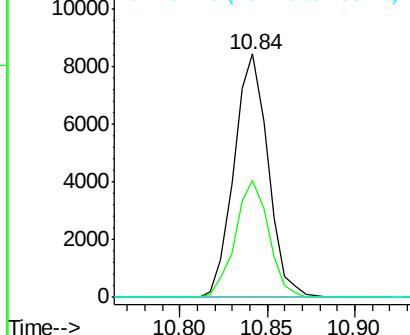
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

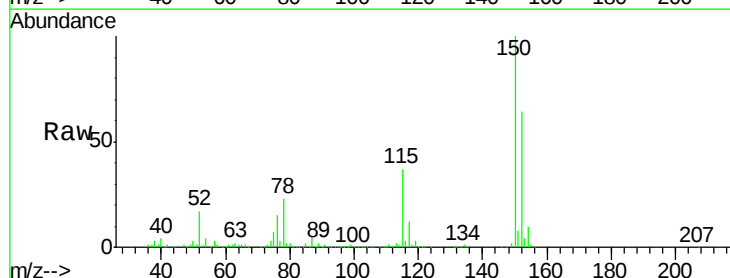
Tgt Ion:152 Resp: 160416

Ion Ratio Lower Upper

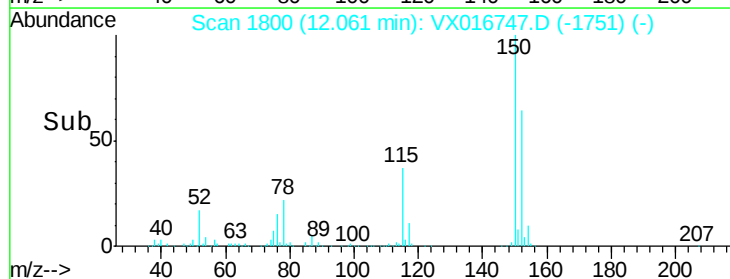
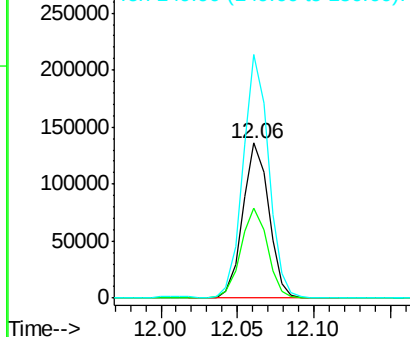
152 100

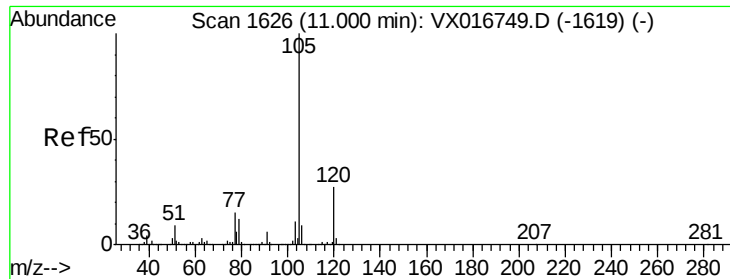
115 59.4 40.3 120.8

150 154.4 0.0 337.4



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





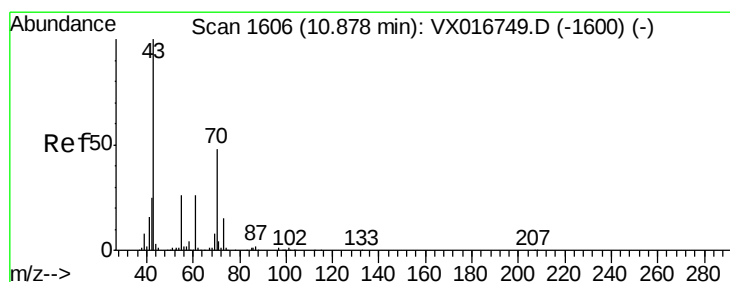
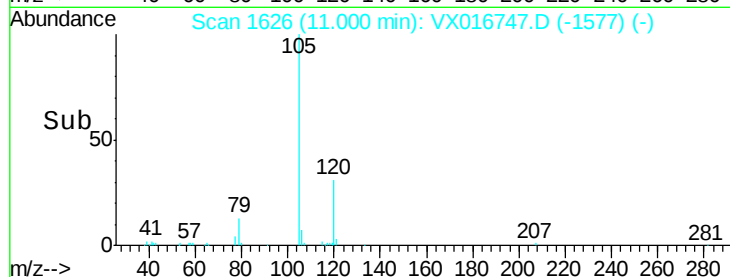
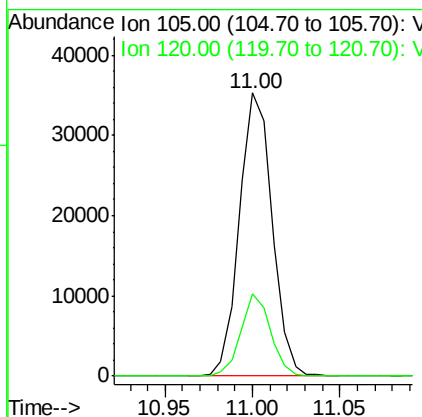
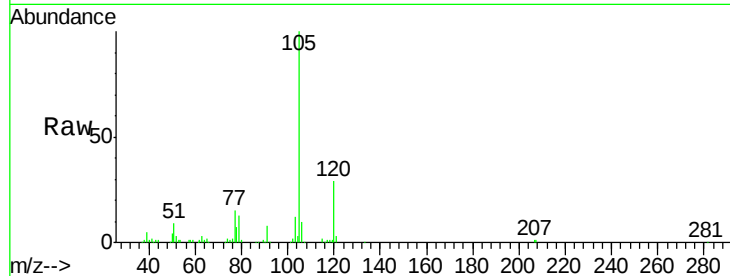
#73
Isopropylbenzene
Concen: 4.180 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.5

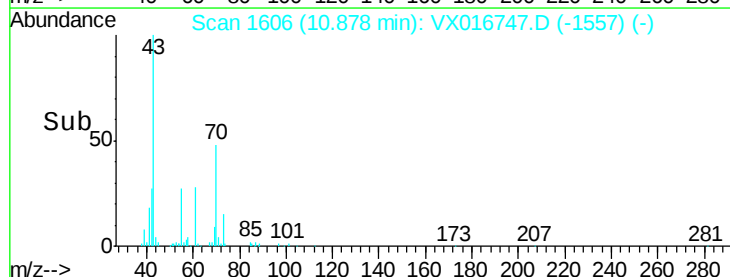
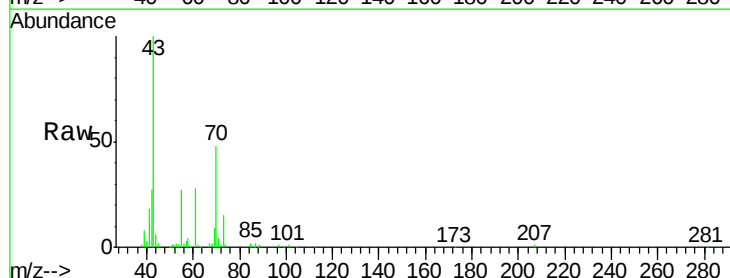
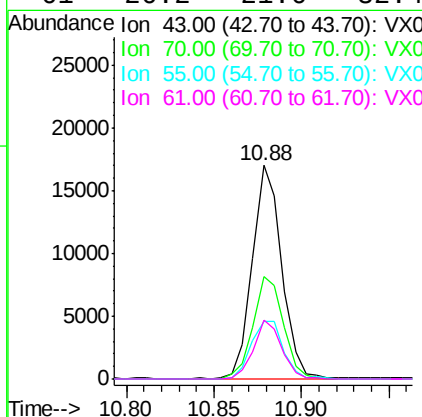
Manual Integrations
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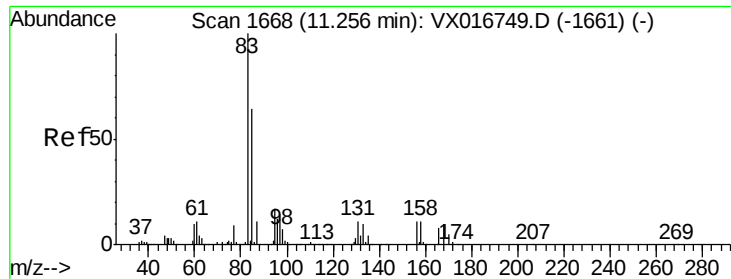
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#74
N-ethyl acetate
Concen: 4.054 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.3	39.8	59.6
55	30.3	21.7	32.5
61	26.2	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.920 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

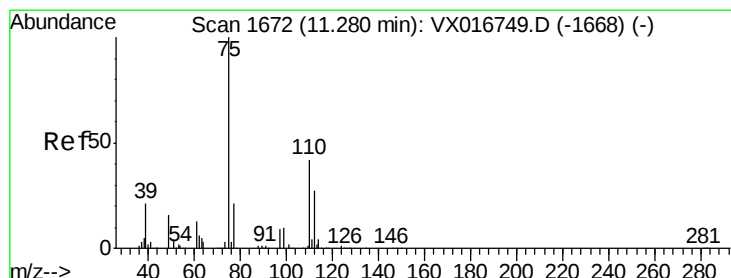
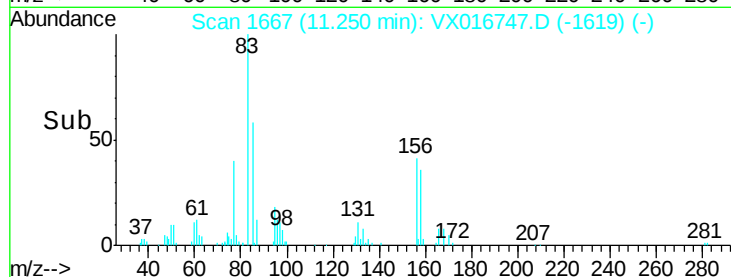
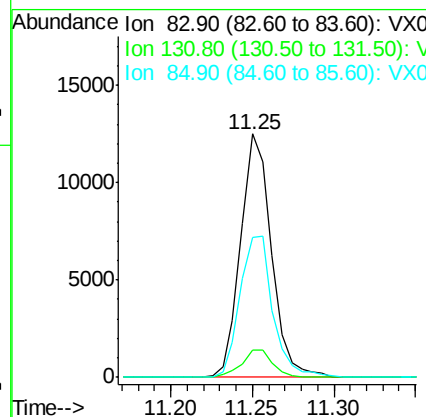
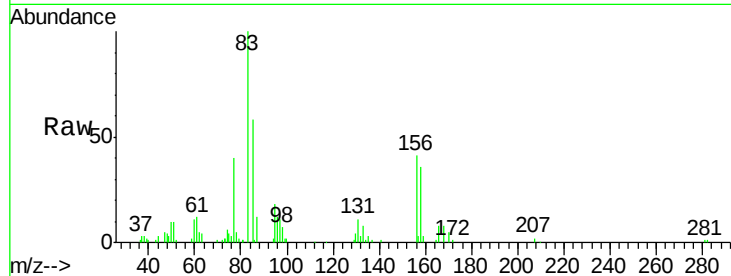
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	16508
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.0
85	61.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.339 ug/l m

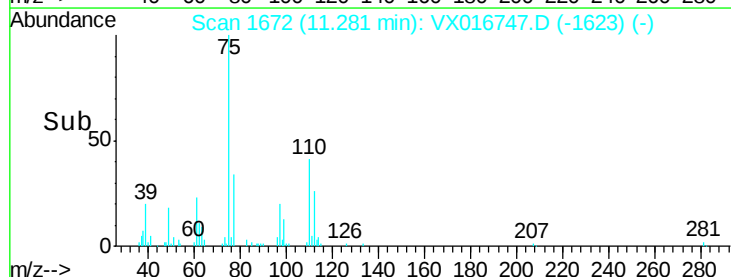
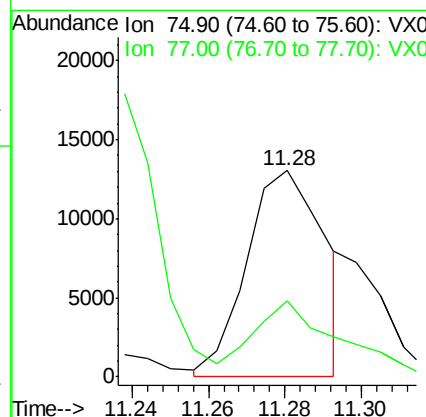
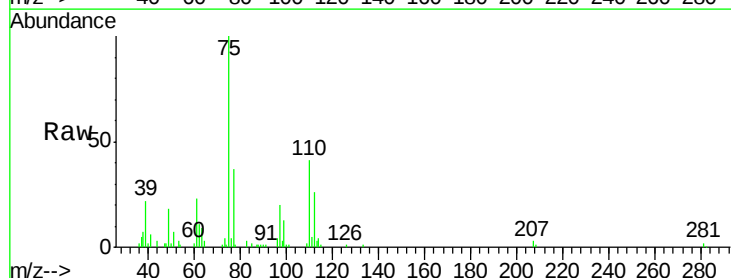
RT: 11.28 min Scan# 1672

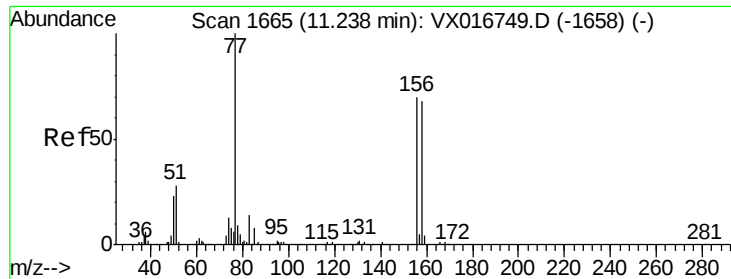
Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	75	Resp:	18482
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.3	60.9





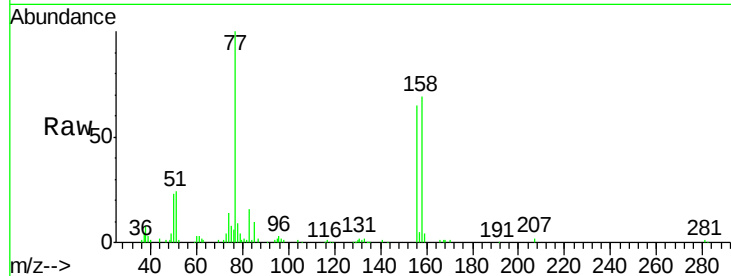
#77
Bromobenzene
Concen: 5.298 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.1	73.2	219.6
158	96.0	48.8	146.4

Manual Integrations
APPROVED

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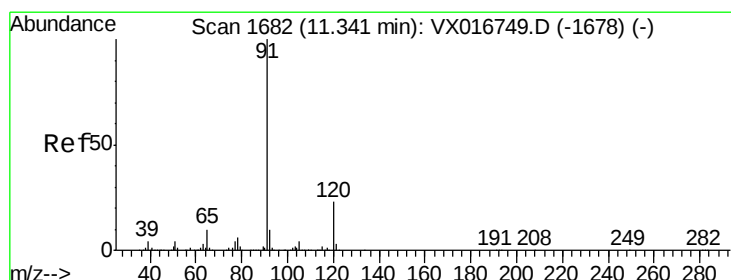
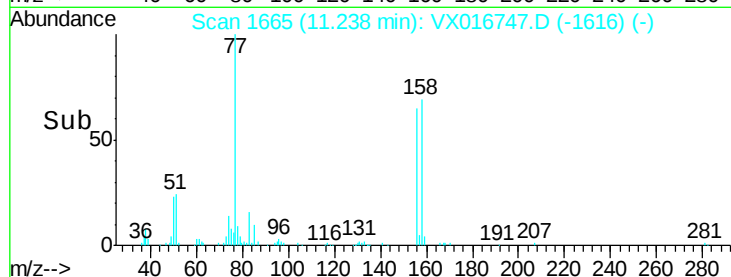
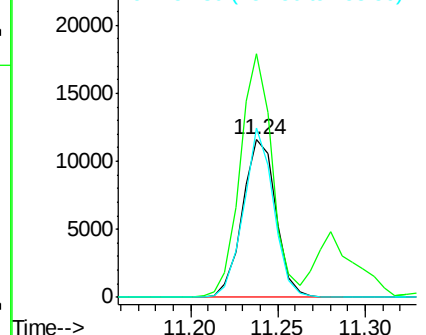


Abundance

Ion 155.80 (155.50 to 156.50): V

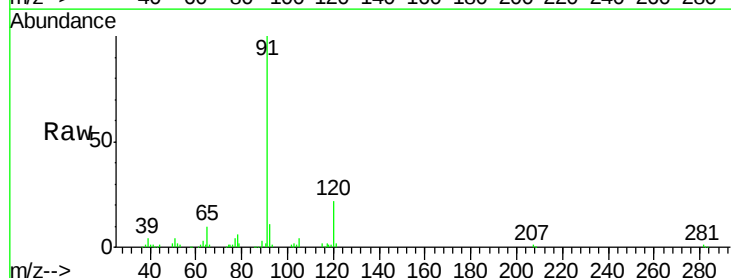
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78
n-propylbenzene
Concen: 4.055 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

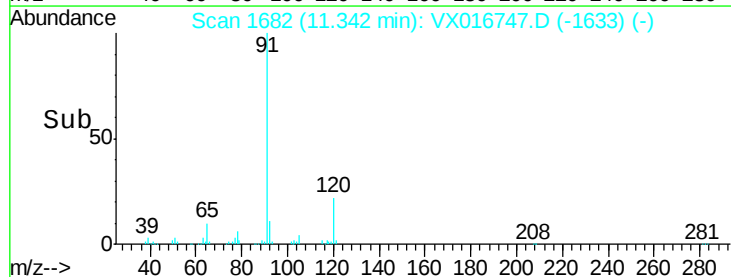
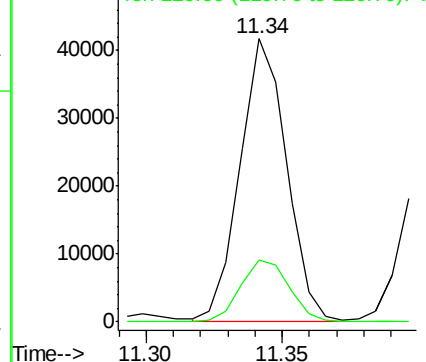
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	12.0	36.0

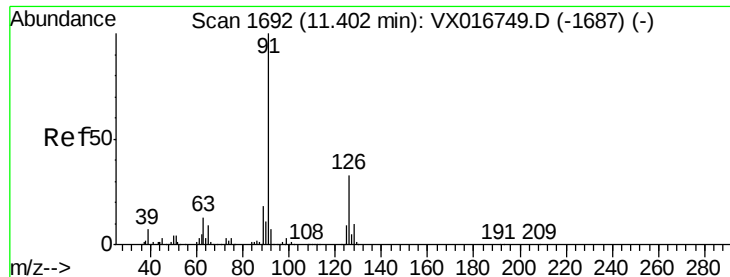


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.792 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 35830

Ion Ratio Lower Upper

91 100

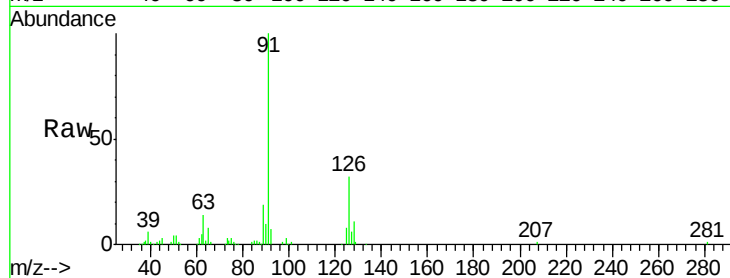
126 33.0 17.2 51.5

Manual Integrations

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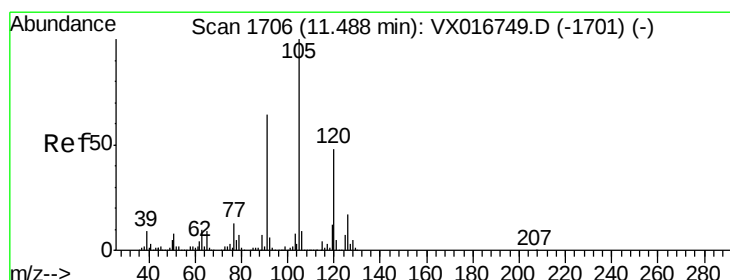
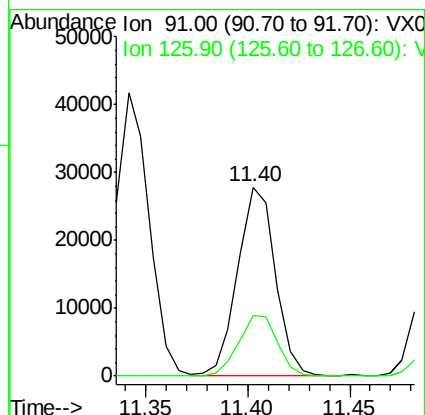
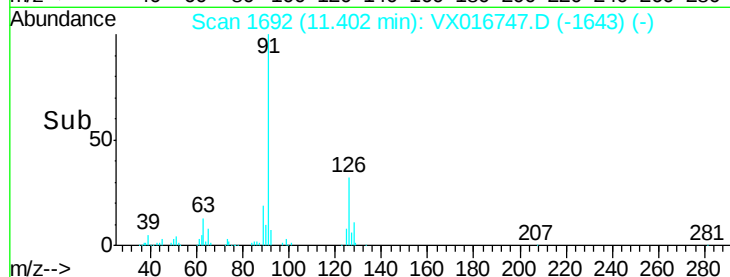
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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.398 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016747.D

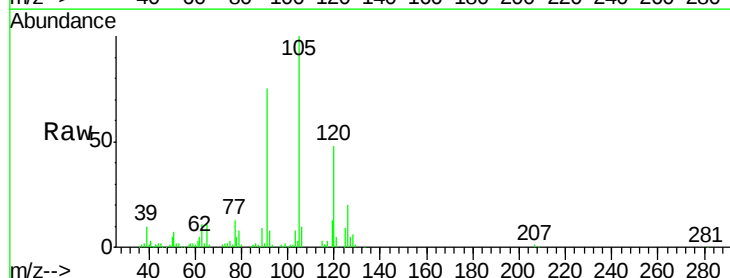
Acq: 15 Jun 2020 11:33

Tgt Ion: 105 Resp: 40362

Ion Ratio Lower Upper

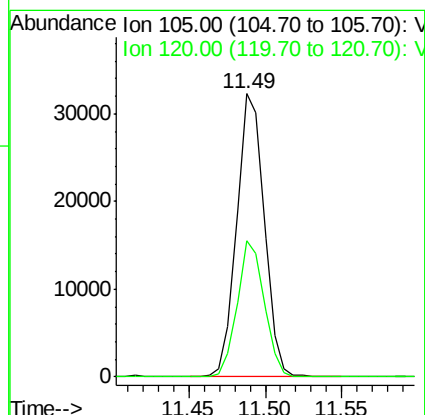
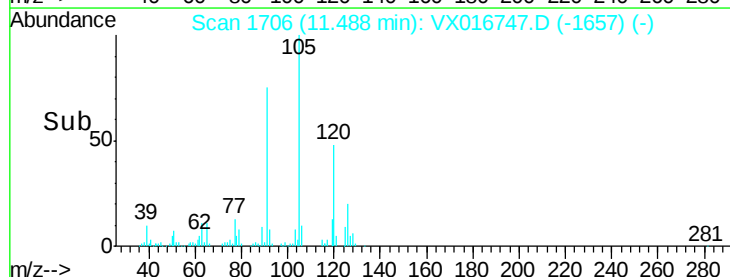
105 100

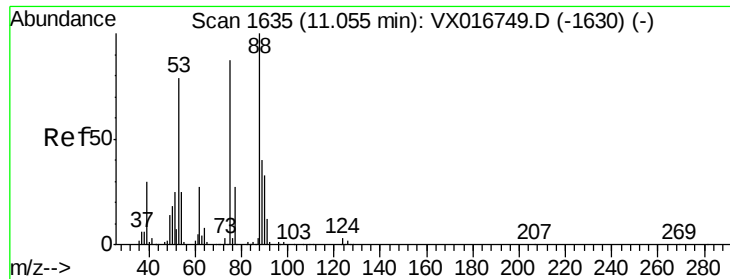
120 47.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.861 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

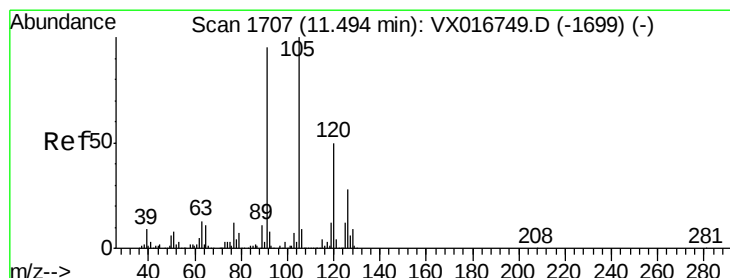
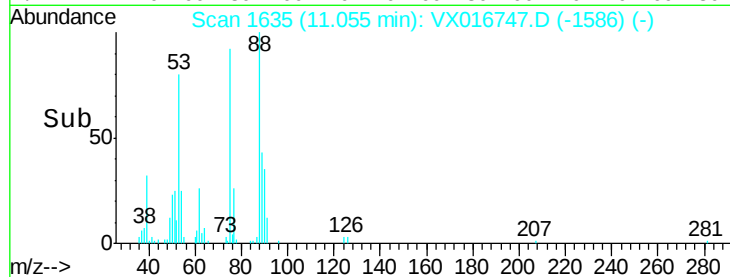
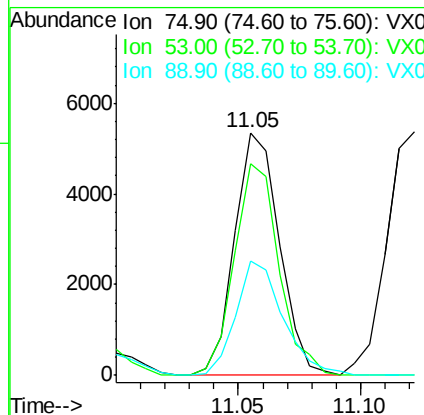
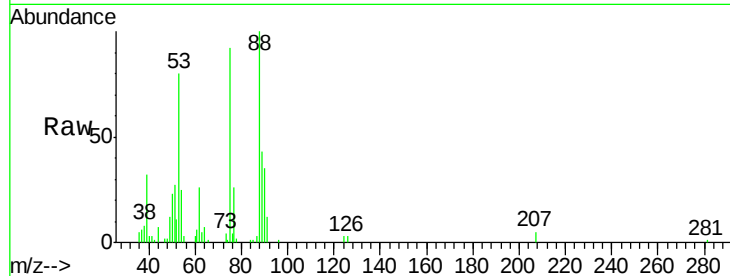
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	6825
Ion	Ratio	Lower	Upper
75	100		
53	87.0	71.4	107.0
89	49.9	39.1	58.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 4.657 ug/l

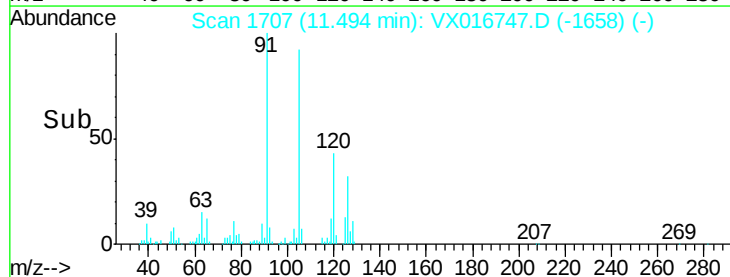
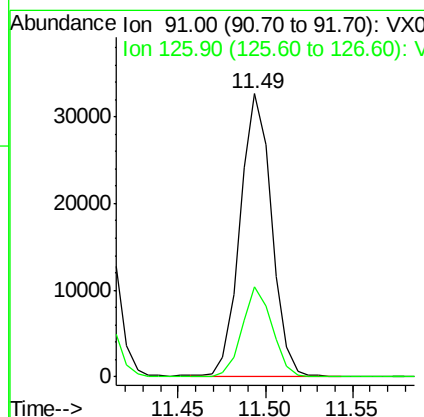
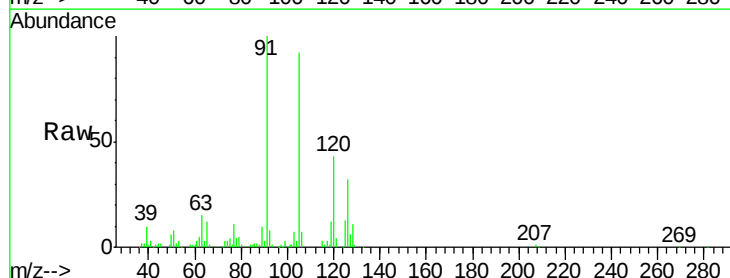
RT: 11.49 min Scan# 1707

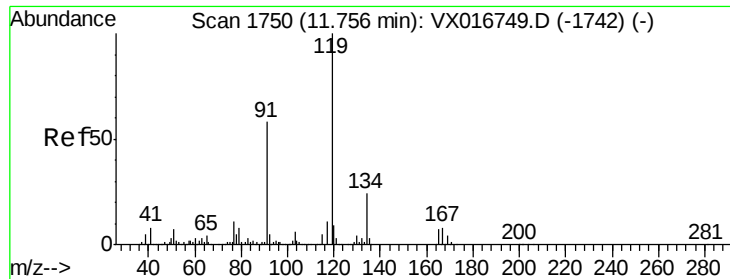
Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Tgt Ion:	91	Resp:	41000
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





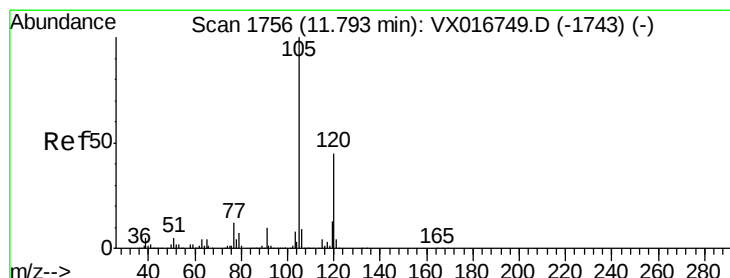
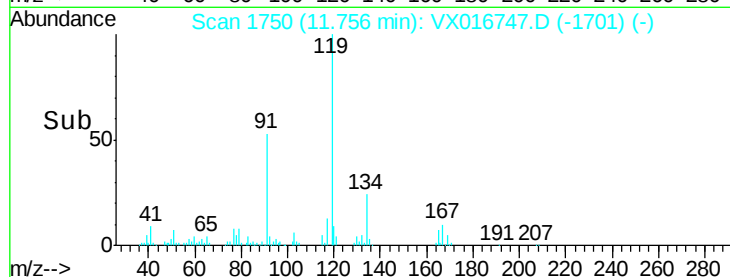
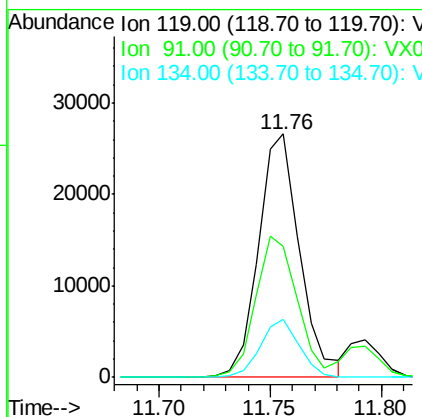
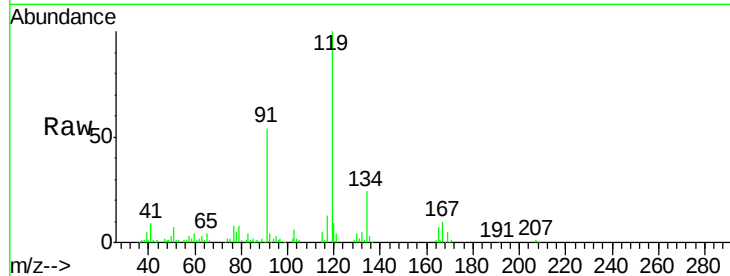
#83
tert-Butylbenzene
Concen: 4.325 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	34266		
91	58.1		29.3	88.0
134	22.5		11.8	35.3

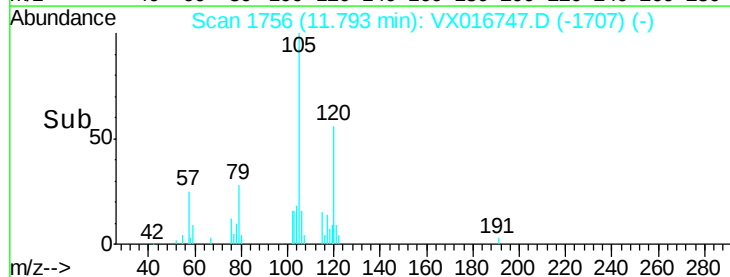
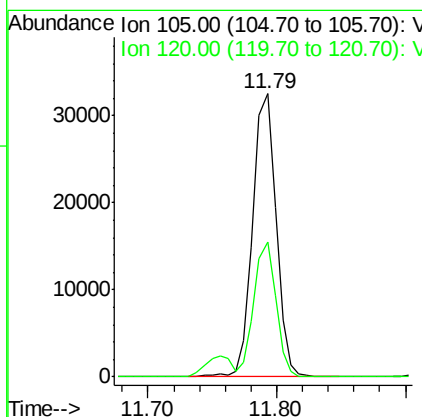
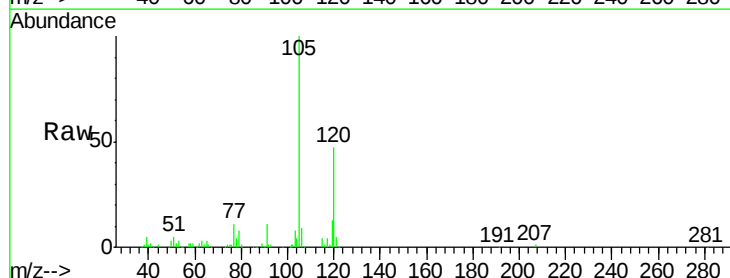
Manual Integrations
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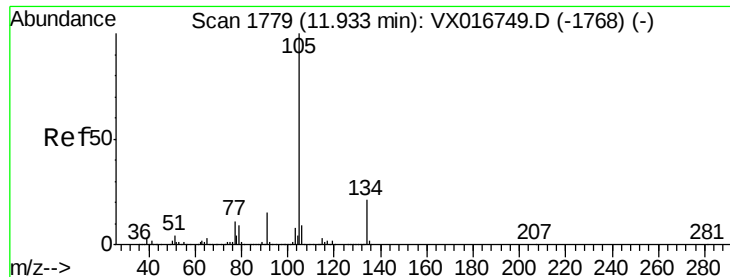
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#84
1,2,4-Trimethylbenzene
Concen: 4.389 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	40726		
120	45.0		22.6	67.8





#85

sec-Butylbenzene

Concen: 3.674 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 36282

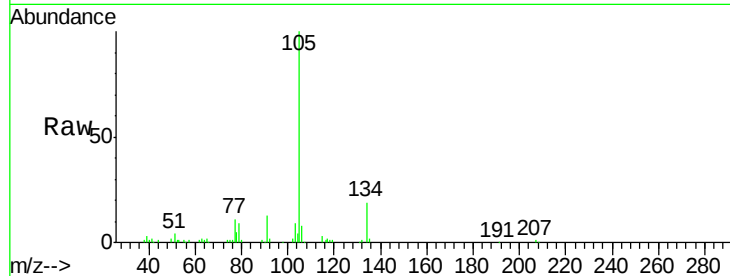
Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.8

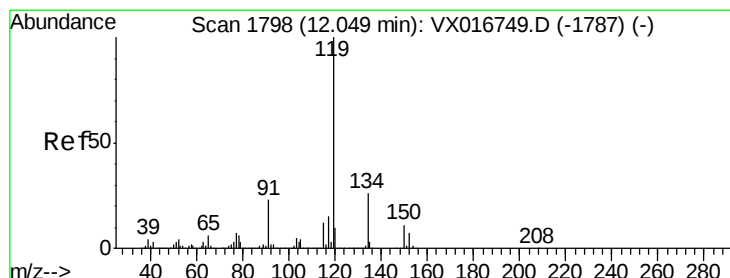
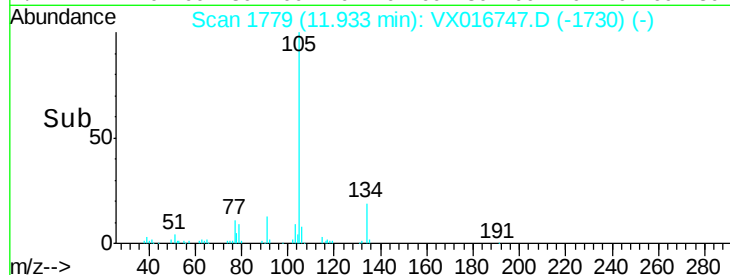
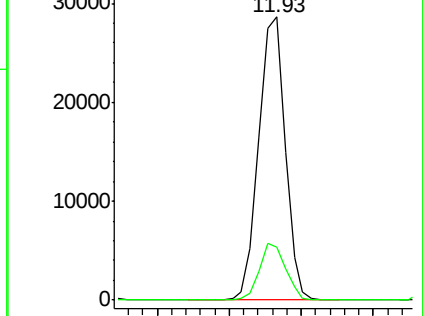
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.792 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016747.D

Acq: 15 Jun 2020 11:33

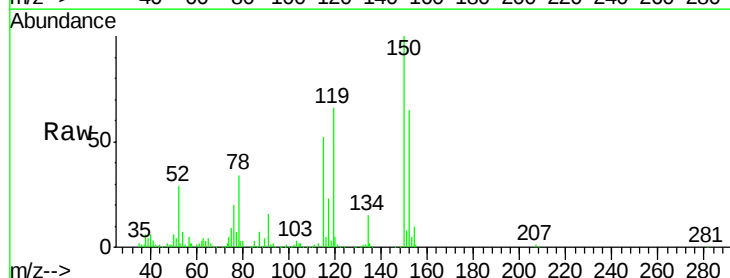
Tgt Ion:119 Resp: 35158

Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

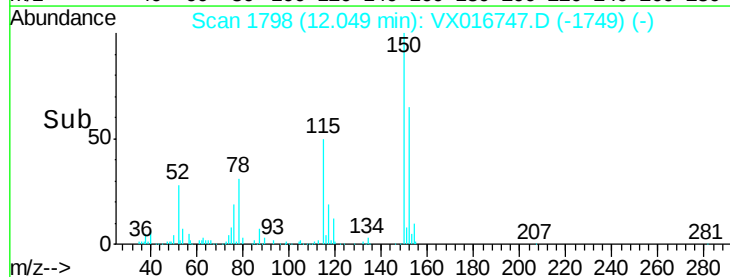
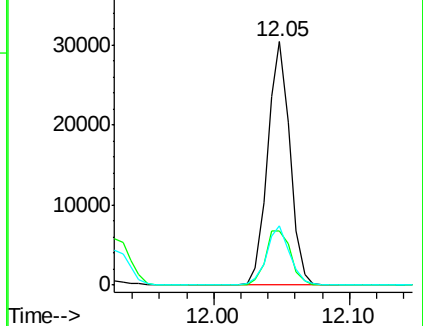
91 25.4 11.6 34.7

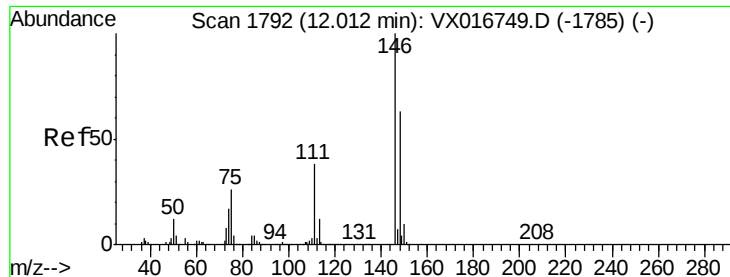


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





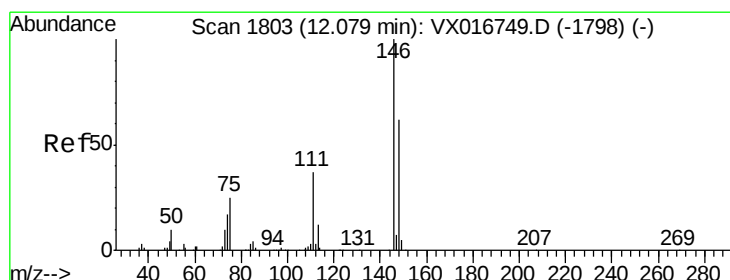
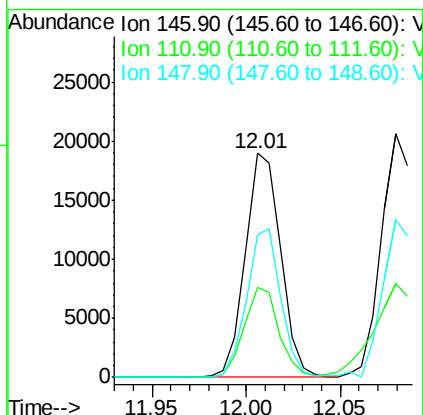
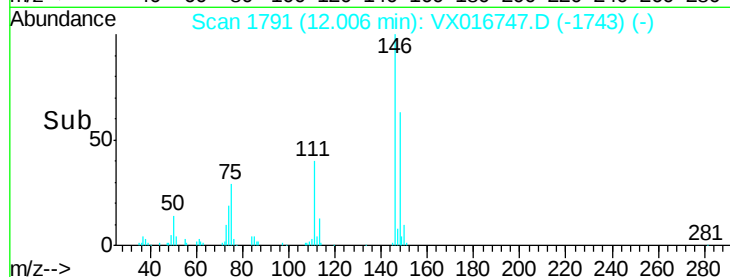
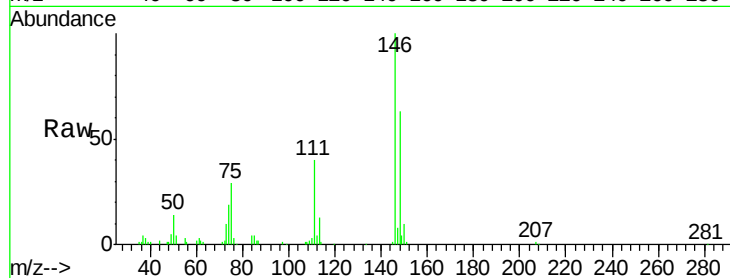
#87
 1,3-Dichlorobenzene
 Concen: 4.924 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.9	31.9	95.7

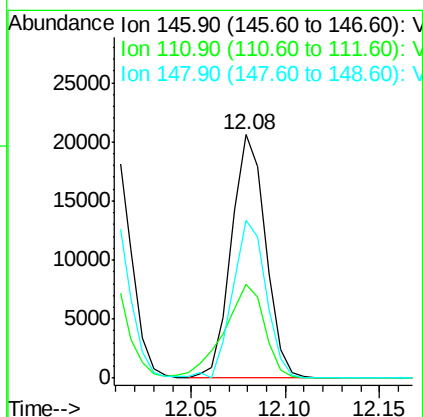
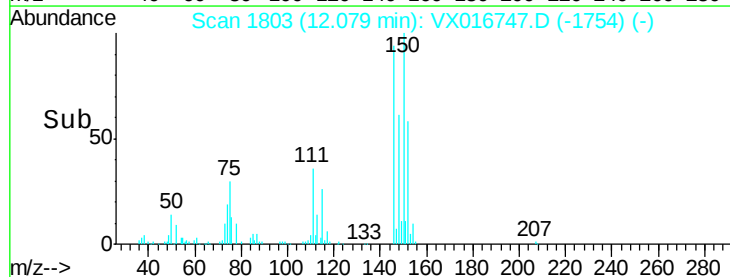
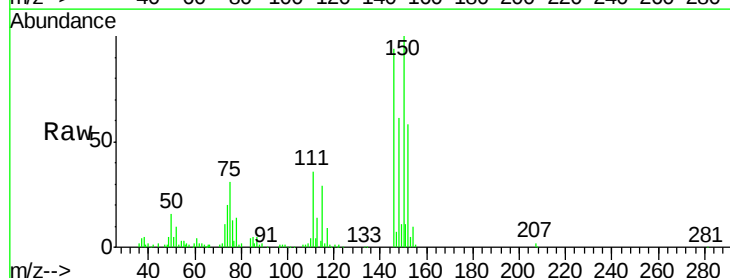
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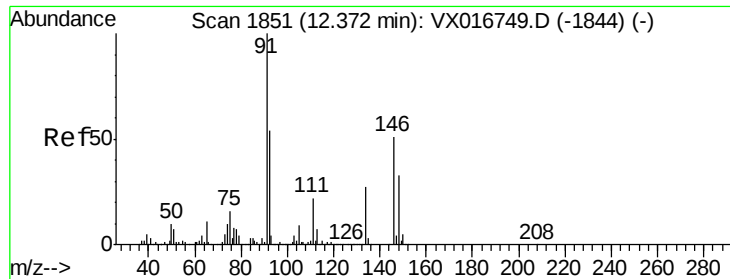
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#88
 1,4-Dichlorobenzene
 Concen: 5.072 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	19.3	57.8
148	63.4	32.1	96.5





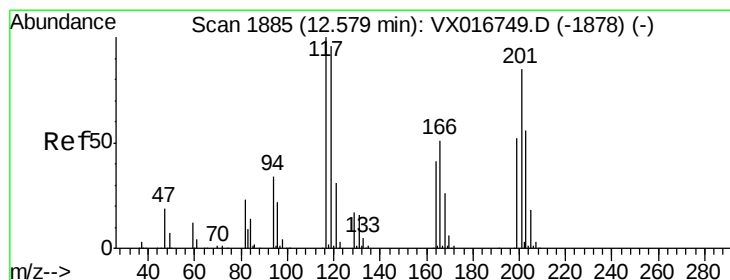
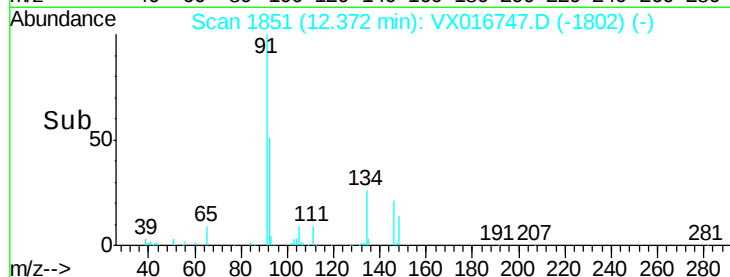
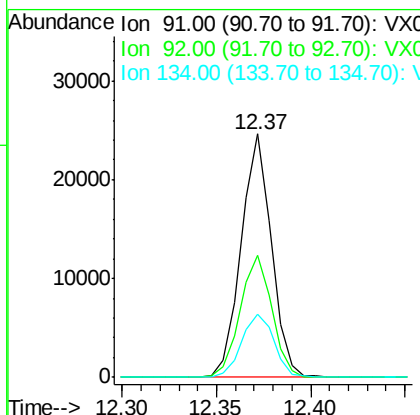
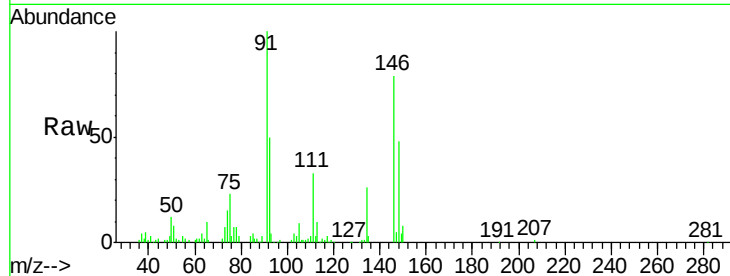
#89
n-Butylbenzene
Concen: 3.573 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.0	80.8
134	27.7	13.7	41.0

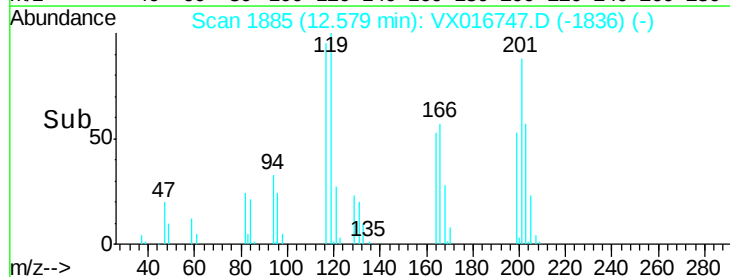
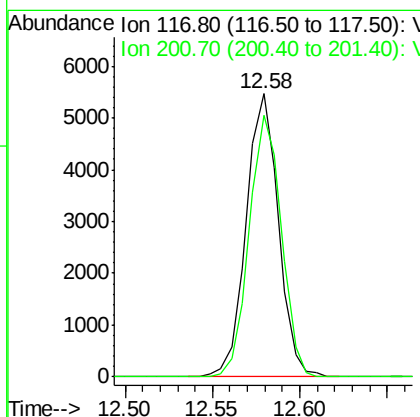
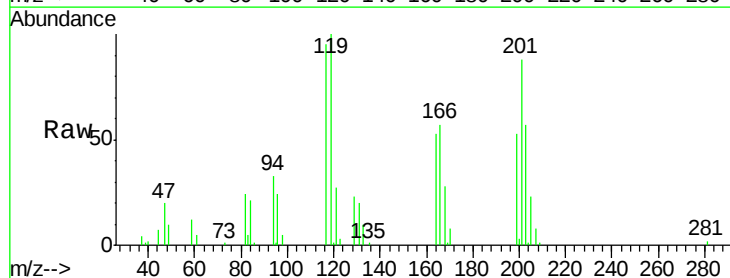
Manual Integrations
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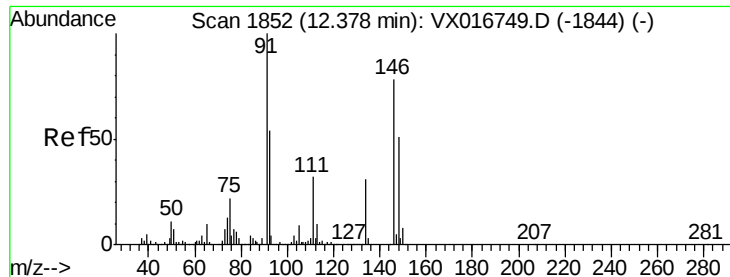
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#90
Hexachloroethane
Concen: 4.364 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	45.6	136.9





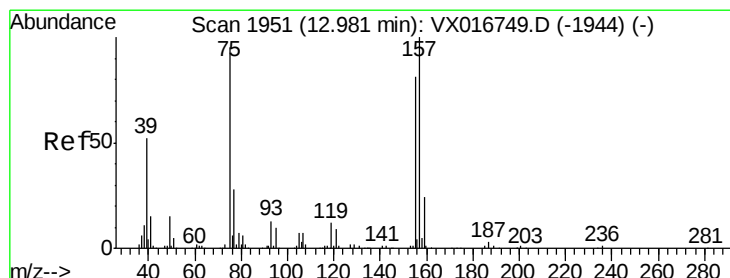
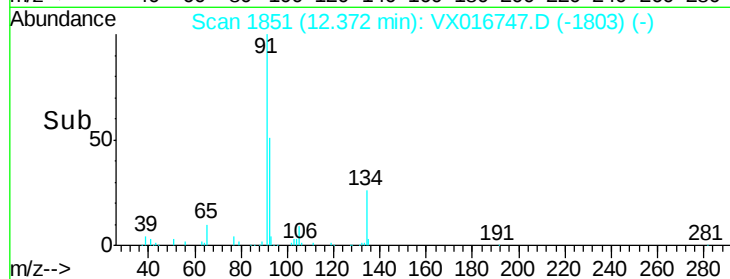
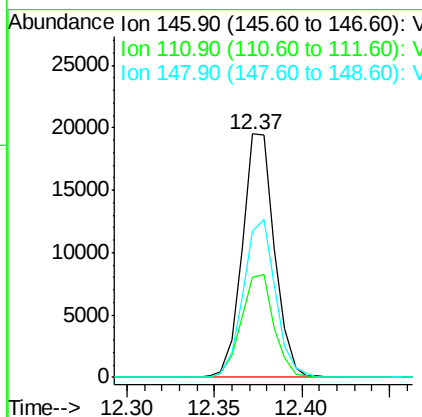
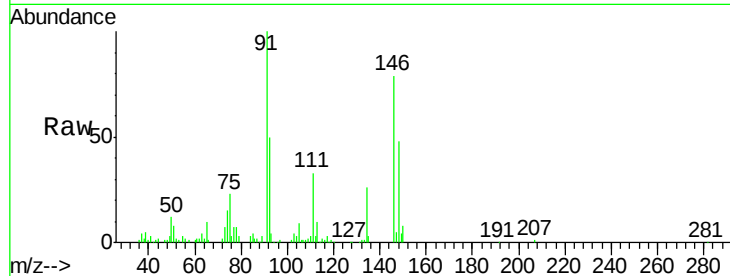
#91
 1,2-Dichlorobenzene
 Concen: 5.100 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
146	100	24859		
111	42.8		20.8	62.2
148	65.0		32.1	96.5

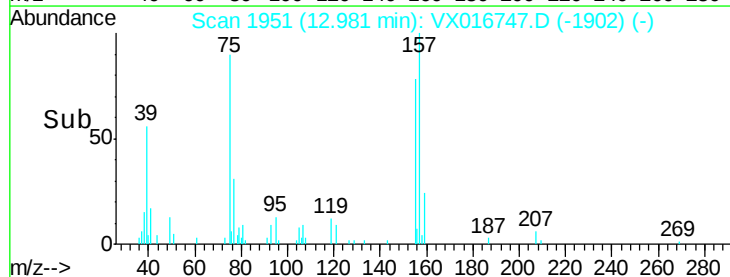
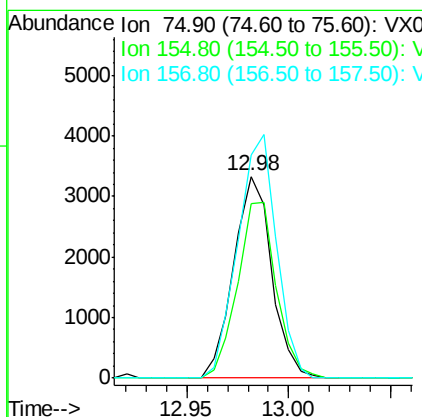
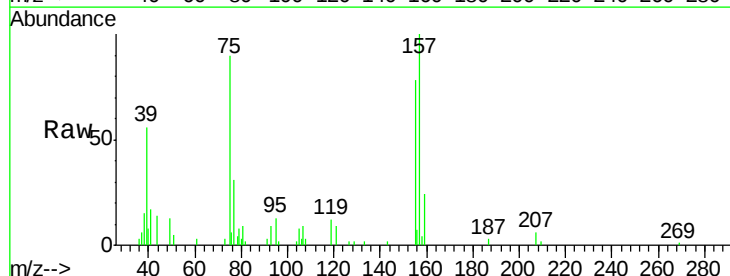
Manual Integrations
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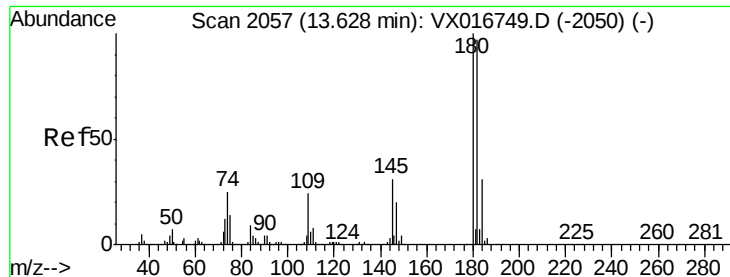
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.857 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	4315		
155	88.8		46.9	140.7
157	122.8		59.6	178.7





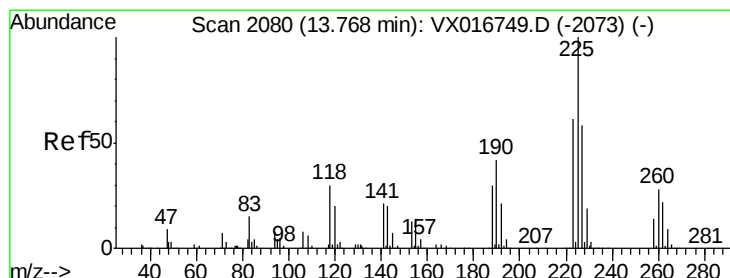
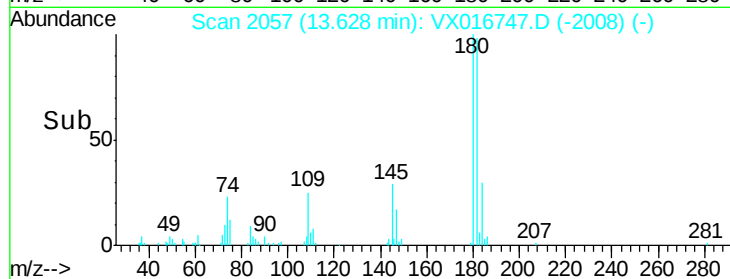
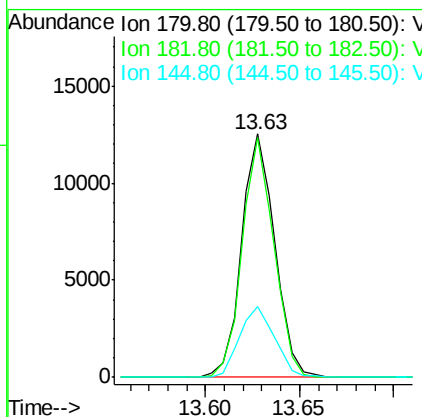
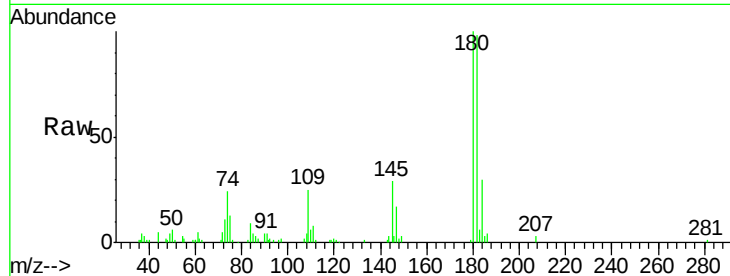
#93
 1,2,4-Trichlorobenzene
 Concen: 4.696 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.6	145.8
145	30.4	15.4	46.4

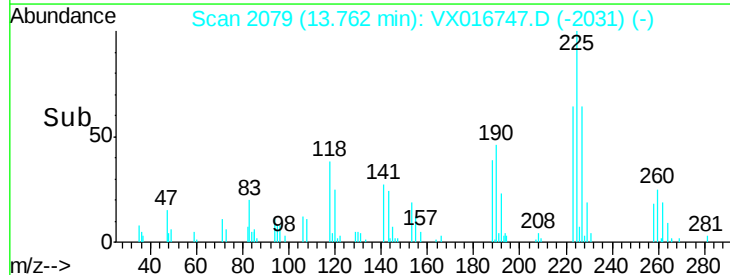
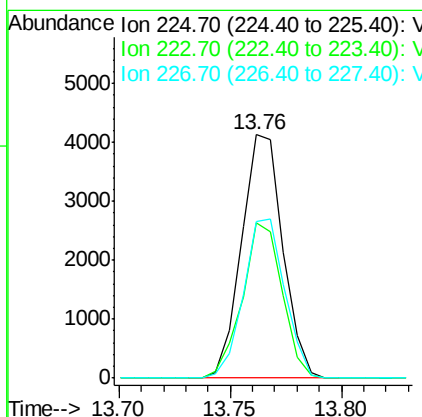
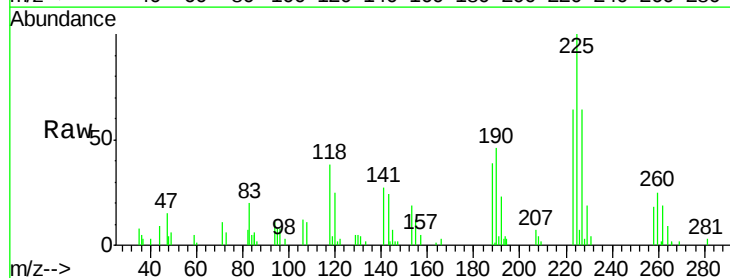
Manual Integrations
 APPROVED

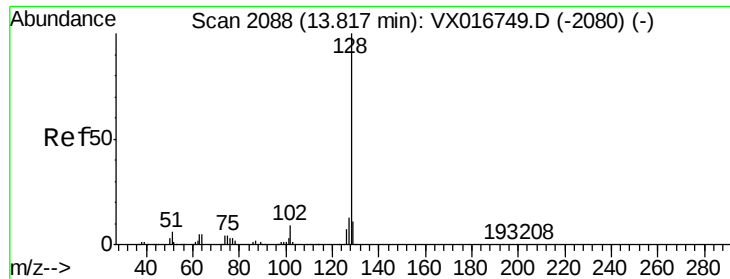
MMDadoda
 6/16/2020 3:23:07 PM



#94
 Hexachlorobutadiene
 Concen: 4.045 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016747.D
 Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.5
227	65.2	30.9	92.7





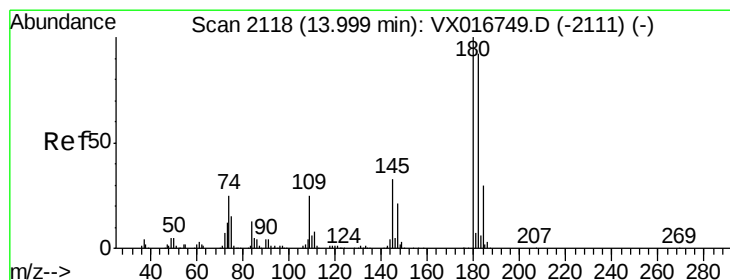
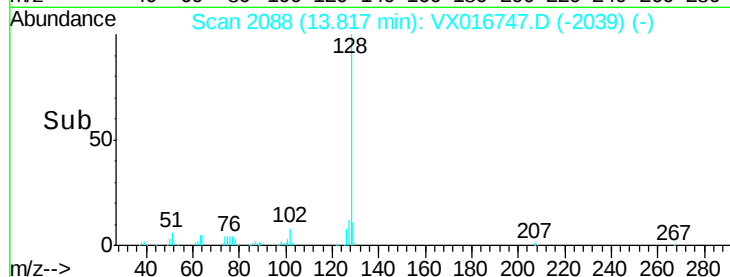
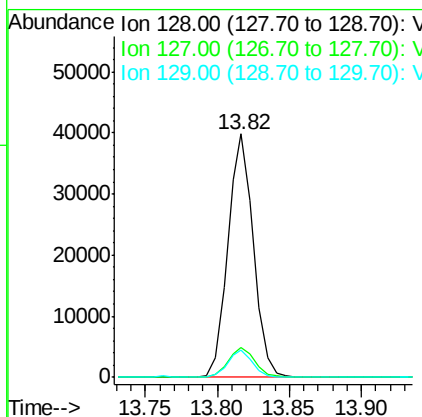
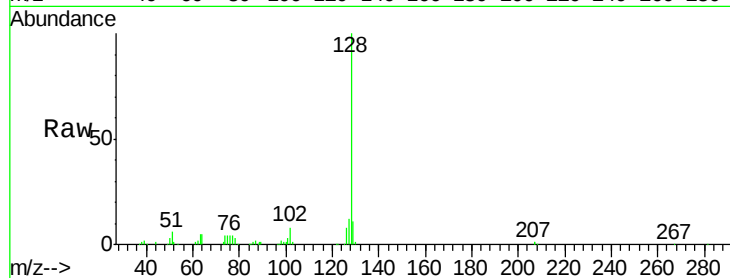
#95
Naphthalene
Concen: 4.476 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.656 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016747.D
Acq: 15 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.1	141.4
145	32.3	15.9	47.7

