

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016292.D
 Acq On : 15 May 2020 19:36
 Operator : JC/SP
 Sample : L2649-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:49 PM

Quant Time: May 16 08:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	240999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	147455	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	5.47	113	120663	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	8.70	98	462001	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.12	95	179599	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121204	47.514	ug/l	99
3) Chloromethane	1.31	50	133277	44.989	ug/l	99
4) Vinyl Chloride	1.39	62	273090	86.404	ug/l	100
5) Bromomethane	1.62	94	42671	26.779	ug/l	98
6) Chloroethane	1.70	64	90822	47.227	ug/l	100
7) Trichlorofluoromethane	1.91	101	191666	46.191	ug/l	100
8) Diethyl Ether	2.17	74	81424	46.572	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103033	43.039	ug/l	99
10) Methyl Iodide	2.49	142	77407	24.072	ug/l	99
11) Tert butyl alcohol	3.03	59	218509	272.475	ug/l	100
12) 1,1-Dichloroethene	2.35	96	115431	46.076	ug/l	97
13) Acrolein	2.27	56	175257	349.238	ug/l	100
14) Allyl chloride	2.70	41	204212	44.457	ug/l	93
15) Acrylonitrile	3.12	53	424797	255.344	ug/l	99
16) Acetone	2.42	43	355919	251.532	ug/l	94
17) Carbon Disulfide	2.55	76	328822	43.681	ug/l	100
18) Methyl Acetate	2.75	43	172960	49.713	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	436525	50.546	ug/l	99
20) Methylene Chloride	2.83	84	135582	46.480	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	134040	48.013	ug/l	98
22) Diisopropyl ether	3.82	45	416334	48.044	ug/l	98
23) Vinyl Acetate	3.79	43	1737567	227.907	ug/l	99
24) 1,1-Dichloroethane	3.67	63	237227	48.937	ug/l	99
25) 2-Butanone	4.64	43	594714	260.823	ug/l	100
26) 2,2-Dichloropropane	4.55	77	170558	38.526	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	209456	68.628	ug/l	92
28) Bromochloromethane	4.98	49	104644	47.341	ug/l	97
29) Tetrahydrofuran	5.09	42	384033	254.187	ug/l	96
30) Chloroform	5.18	83	241493	50.034	ug/l	100
31) Cyclohexane	5.55	56	184075	41.782	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	213681	48.705	ug/l	98
36) 1,1-Dichloropropene	5.77	75	177346	44.376	ug/l	100
37) Ethyl Acetate	4.80	43	203908	44.022	ug/l	98
38) Carbon Tetrachloride	5.76	117	184920	45.524	ug/l	97

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Quant Time: May 16 08:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	154405	32.083	ug/l	99
40) Benzene	6.12	78	548914	46.943	ug/l	98
41) Methacrylonitrile	5.01	41	117769	47.080	ug/l	97
42) 1,2-Dichloroethane	6.17	62	191201	45.391	ug/l	99
43) Isopropyl Acetate	6.42	43	332678	45.015	ug/l	98
44) Trichloroethene	7.19	130	163585	39.378	ug/l	98
45) 1,2-Dichloropropane	7.49	63	141467	47.813	ug/l	100
46) Dibromomethane	7.64	93	94751	47.123	ug/l	99
47) Bromodichloromethane	7.88	83	198464	48.464	ug/l	99
48) Methyl methacrylate	7.75	41	164105	46.861	ug/l	95
49) 1,4-Dioxane	7.71	88	90554	1078.180	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1122892	248.290	ug/l	97
52) Toluene	8.77	92	347094	47.622	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	222305	45.530	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	233329	45.751	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	141787	49.445	ug/l	97
56) Ethyl methacrylate	9.16	69	233953	49.981	ug/l	94
57) 1,3-Dichloropropane	9.35	76	243964	48.757	ug/l	100
59) 2-Hexanone	9.48	43	882168	248.384	ug/l	96
60) Dibromochloromethane	9.57	129	158280	50.117	ug/l	98
61) 1,2-Dibromoethane	9.65	107	151048	48.629	ug/l	99
64) Tetrachloroethene	9.32	164	157951	33.558	ug/l	99
65) Chlorobenzene	10.12	112	366523	45.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	141373	47.644	ug/l	99
67) Ethyl Benzene	10.24	91	646302	45.120	ug/l	99
68) m/p-Xylenes	10.34	106	486125	90.582	ug/l	99
69) o-Xylene	10.68	106	237130	45.967	ug/l	100
70) Styrene	10.70	104	422126	48.233	ug/l	100
71) Bromoform	10.84	173	122937	50.853	ug/l #	100
73) Isopropylbenzene	11.01	105	600563	45.198	ug/l	99
74) N-amyl acetate	10.88	43	284619	45.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	198182	72.013	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	207688m	50.100	ug/l	
77) Bromobenzene	11.24	156	161109	46.975	ug/l	98
78) n-propylbenzene	11.35	91	675156	43.678	ug/l	100
79) 2-Chlorotoluene	11.41	91	421354	46.180	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	495475	44.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	79735	45.837	ug/l	95
82) 4-Chlorotoluene	11.49	91	500150	46.419	ug/l	100
83) tert-Butylbenzene	11.76	119	433074	44.793	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	504332	44.465	ug/l	99
85) sec-Butylbenzene	11.93	105	494959	37.916	ug/l	99
86) p-Isopropyltoluene	12.05	119	465588	38.415	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	274045	44.502	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	279730	44.755	ug/l	99
89) n-Butylbenzene	12.37	91	374728	33.844	ug/l	100
90) Hexachloroethane	12.58	117	82340	39.558	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	272078	45.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56469	51.685	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	163826	37.318	ug/l	98

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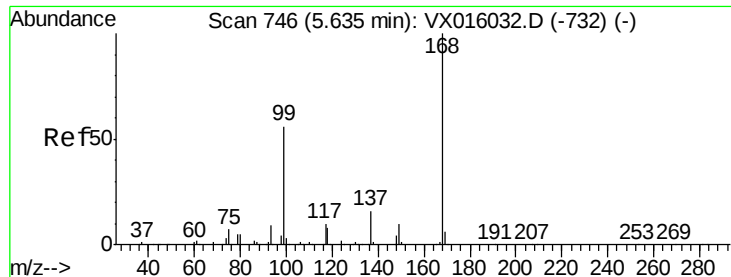
Manual Integrations
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Quant Time: May 16 08:20:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	47554	25.416	ug/l	98
95) Naphthalene	13.82	128	649237	45.673	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161477	37.636	ug/l	99

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



#1

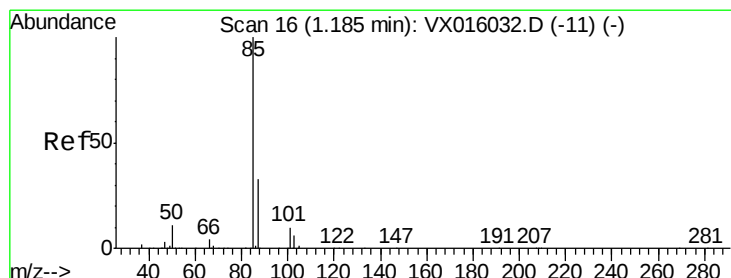
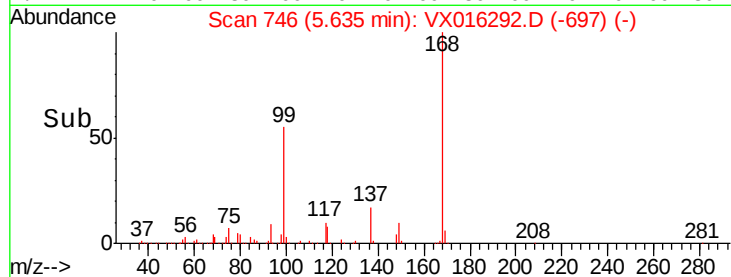
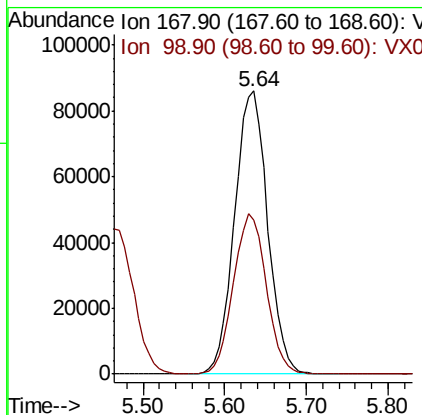
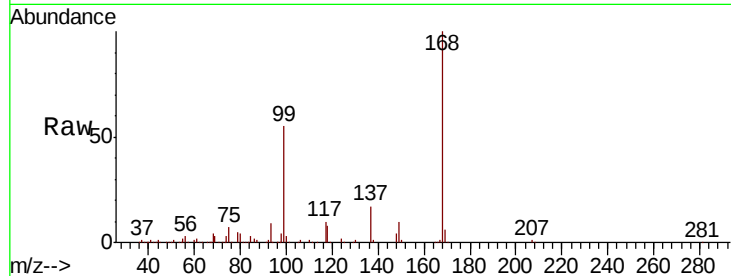
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.6	45.0	67.4

Manual Integrations
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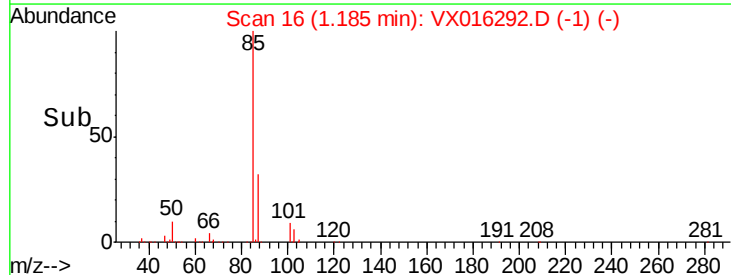
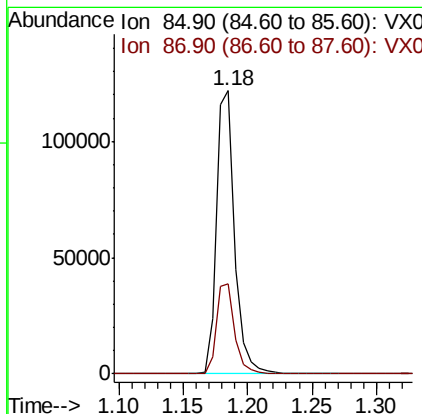
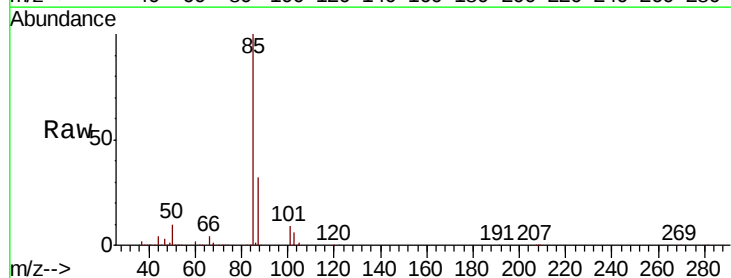
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#2

Dichlorodifluoromethane
 Concen: 47.514 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.4	49.1





#3

Chloromethane

Concen: 44.989 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 50 Resp: 133277

Ion Ratio Lower Upper

50 100

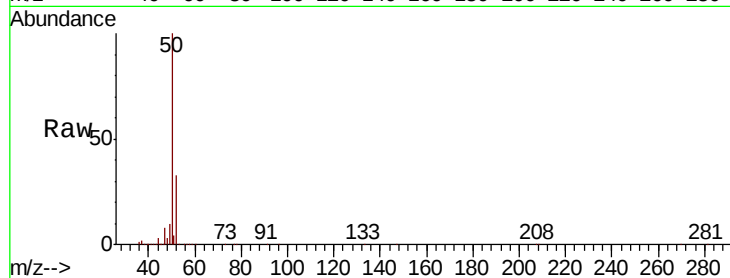
52 32.9 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

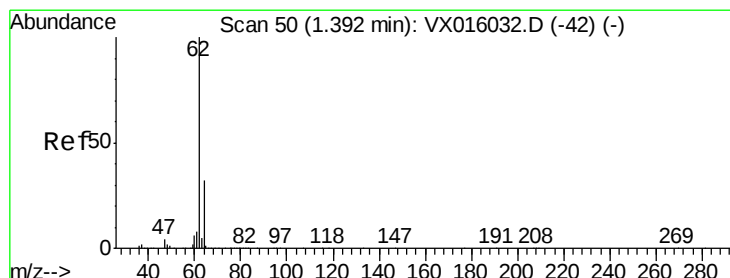
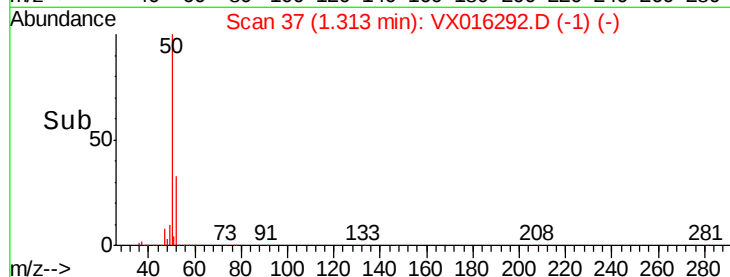
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100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 86.404 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016292.D

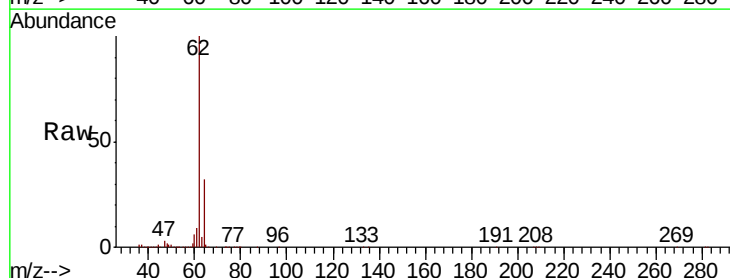
Acq: 15 May 2020 19:36

Tgt Ion: 62 Resp: 273090

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

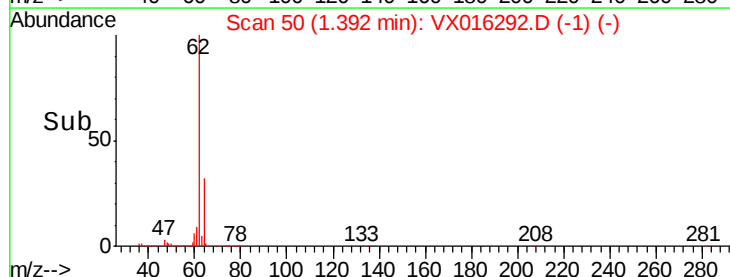
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200000

100000

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Time-->





#5

Bromomethane

Concen: 26.779 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 94 Resp: 42671

Ion Ratio Lower Upper

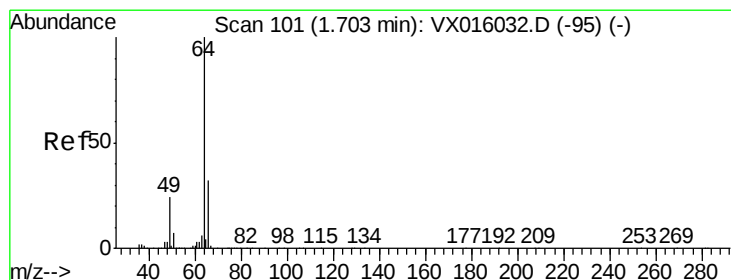
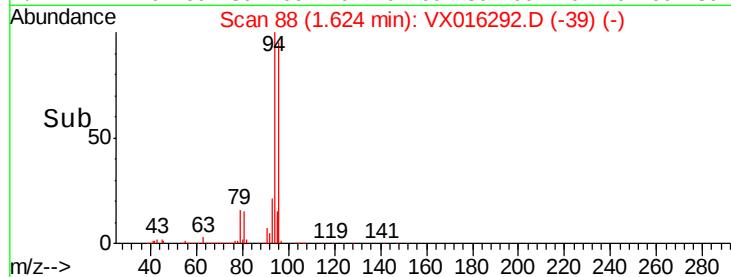
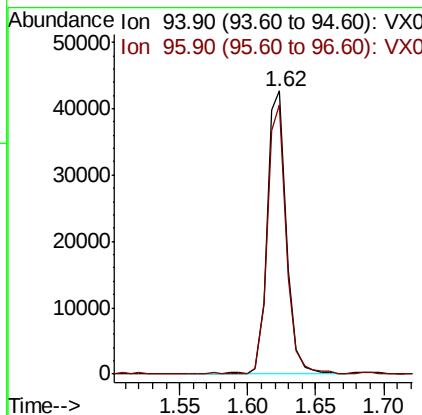
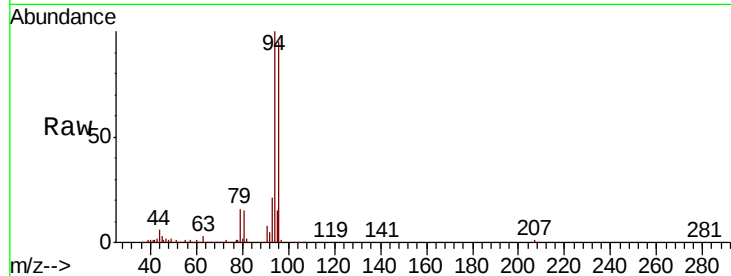
94 100

96 94.6 76.9 115.3

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#6

Chloroethane

Concen: 47.227 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016292.D

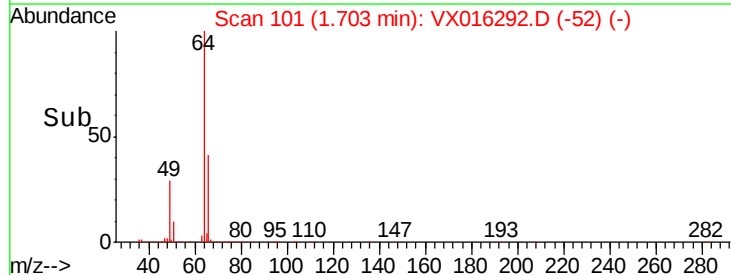
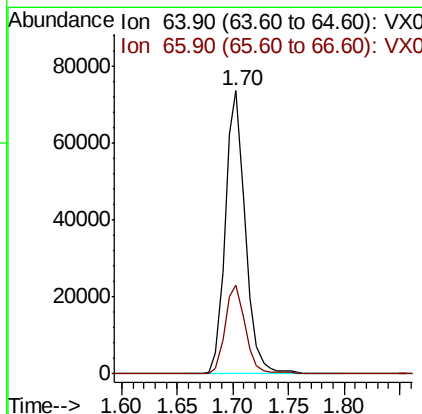
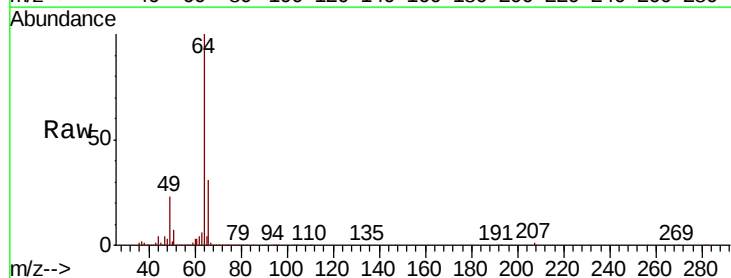
Acq: 15 May 2020 19:36

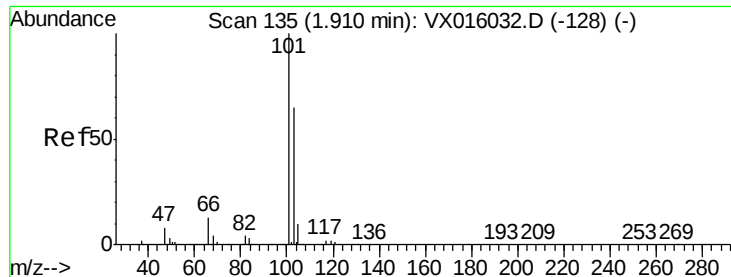
Tgt Ion: 64 Resp: 90822

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

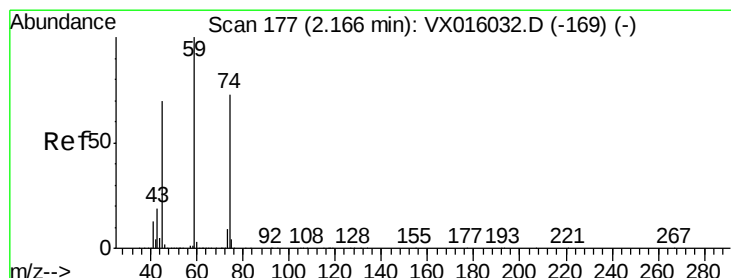
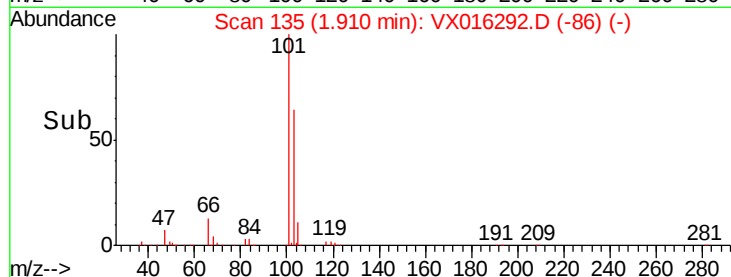
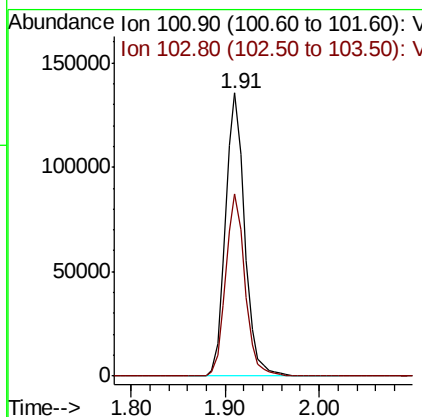
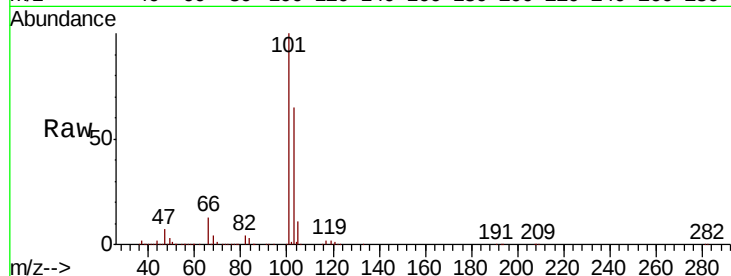
Trichlorofluoromethane
Concen: 46.191 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

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S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	191666		
103	64.5	51.8	77.6	

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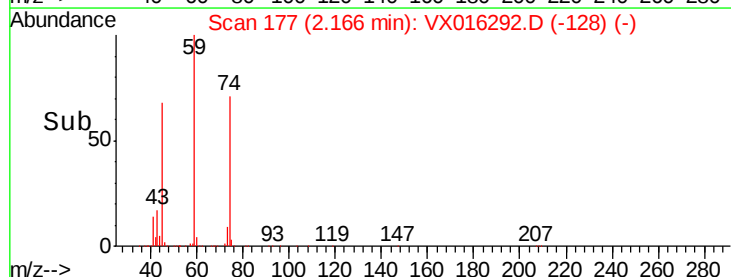
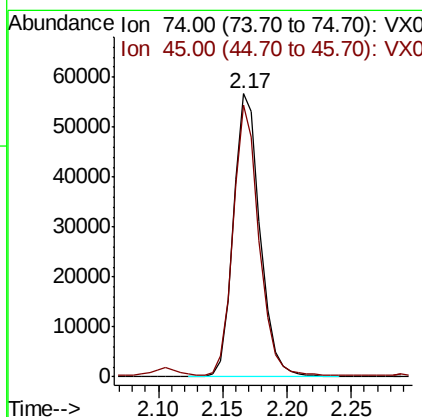
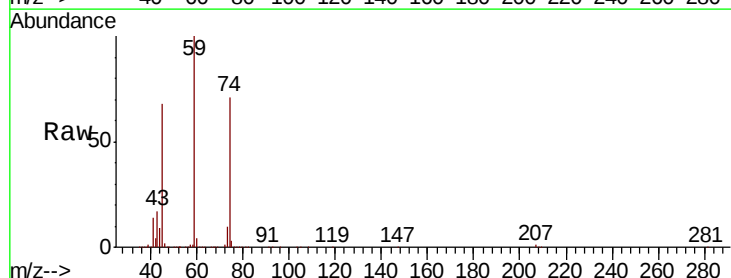
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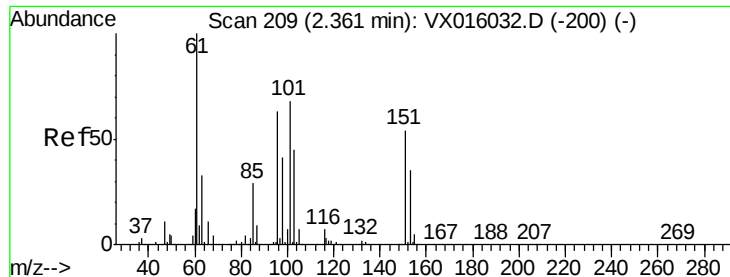


#8

Diethyl Ether
Concen: 46.572 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	81424		
45	92.9	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.039 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

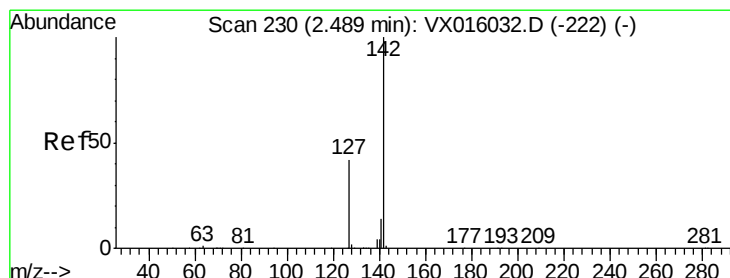
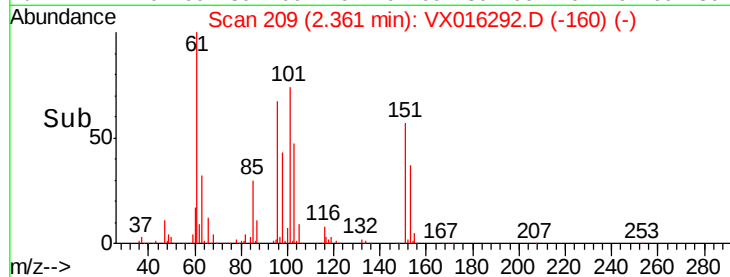
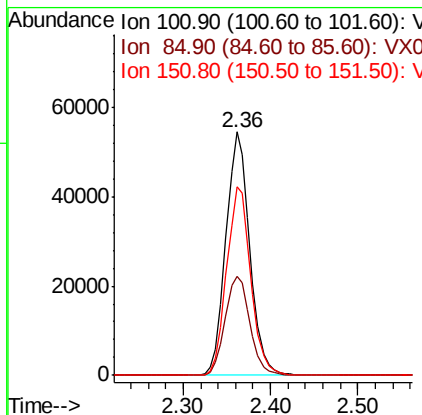
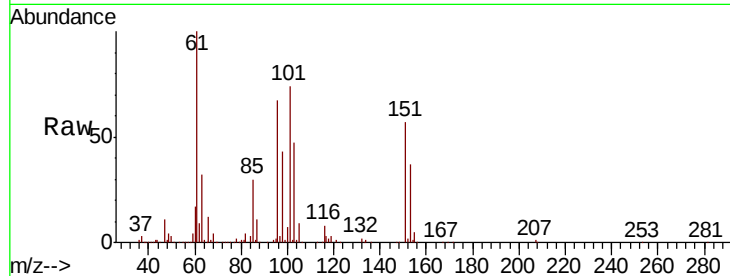
ClientSampleId :

S32-0685MS

Tot Ion:	101	Resp:	103033
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.4
151	78.6	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 24.072 ug/l

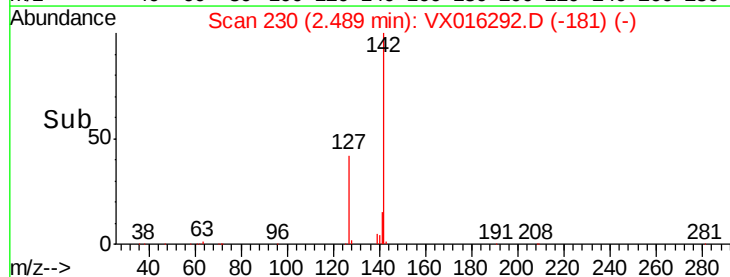
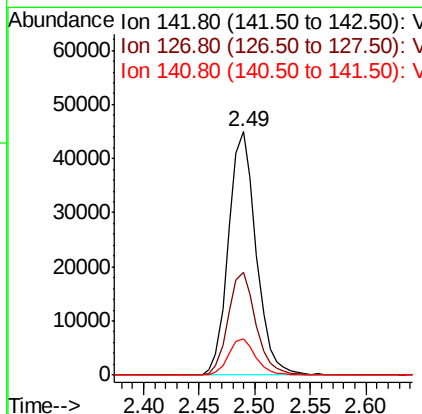
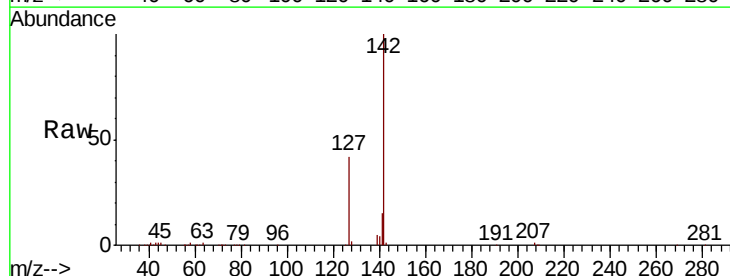
RT: 2.49 min Scan# 230

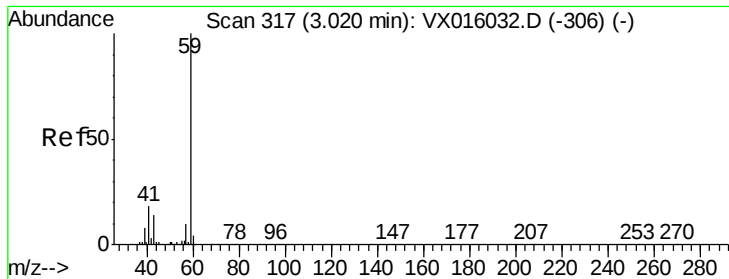
Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Tgt Ion:	142	Resp:	77407
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.6	52.0
141	14.6	11.3	16.9





#11

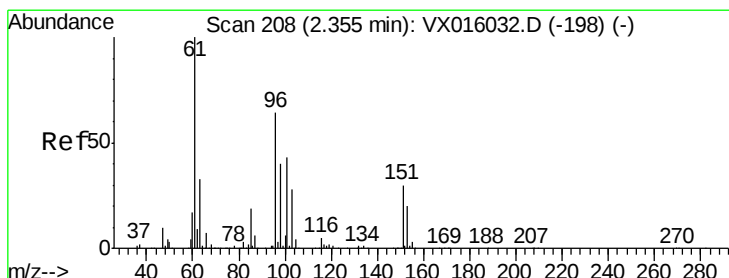
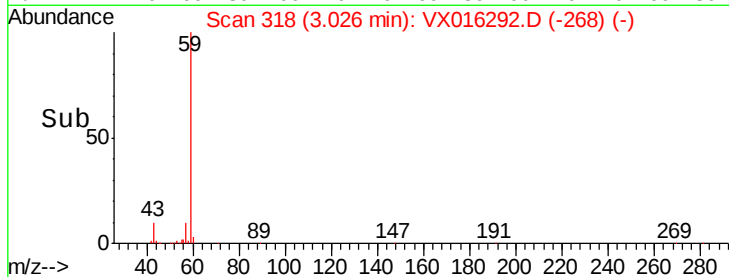
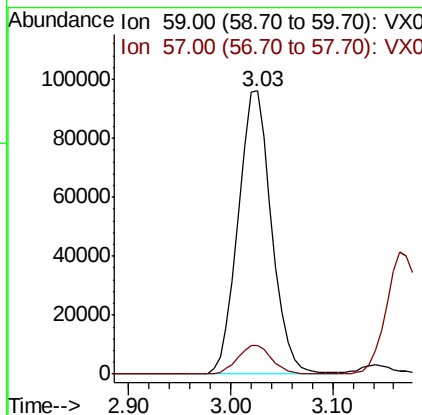
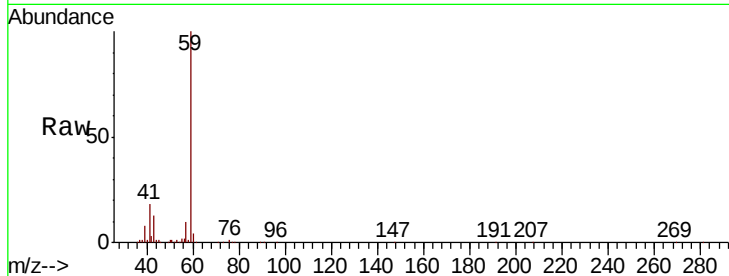
Tert butyl alcohol
Concen: 272.475 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampled :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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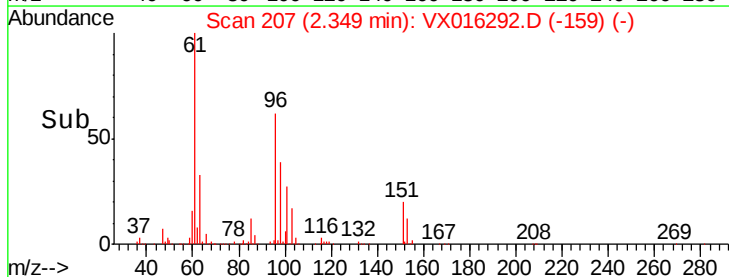
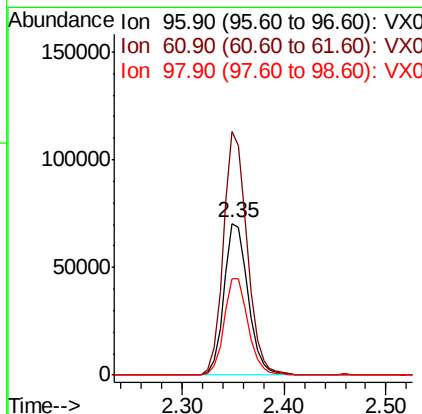
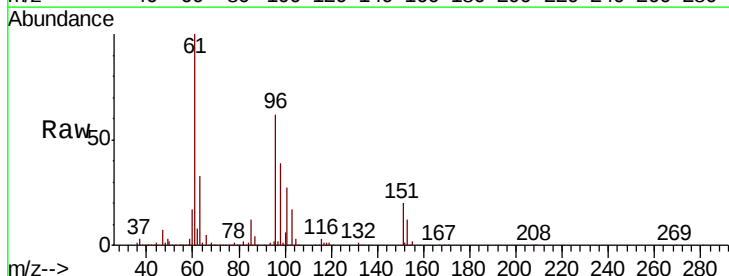
MMDadoda
5/18/2020 12:52:49 PM

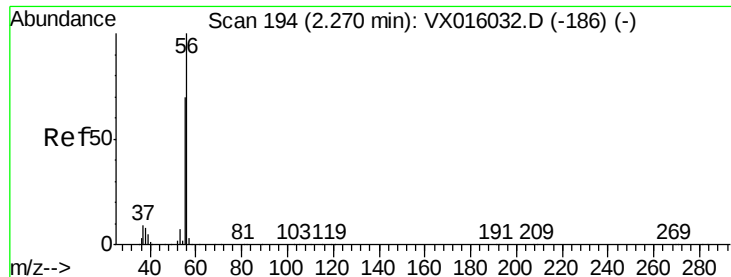


#12

1,1-Dichloroethene
Concen: 46.076 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	124.8	187.2
98	63.3	49.7	74.5





#13

Acrolein

Concen: 349.238 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 56 Resp: 175257

Ion Ratio Lower Upper

56 100

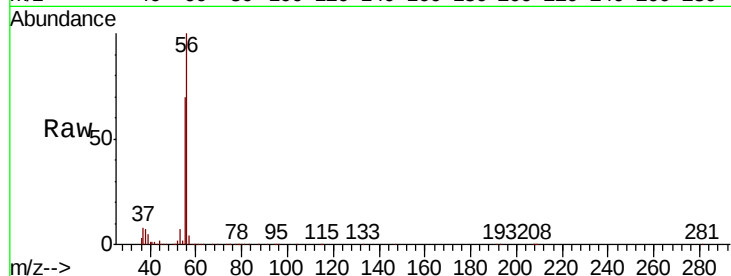
55 70.6 56.5 84.7

Manual Integrations

APPROVED

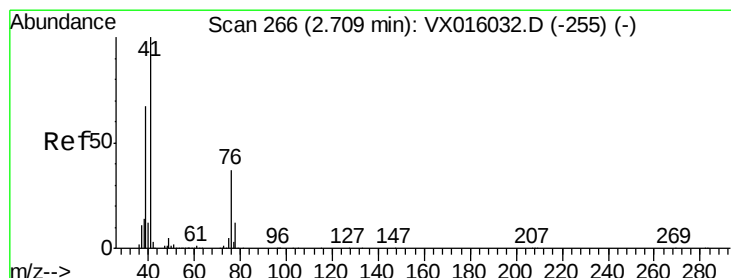
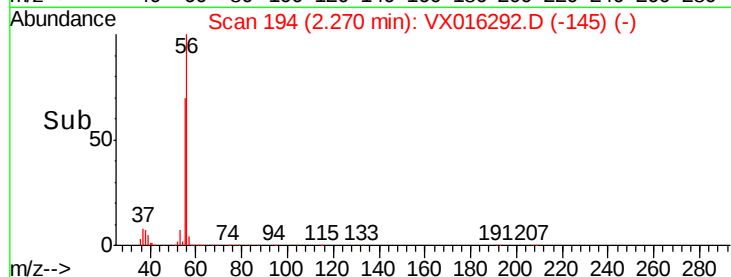
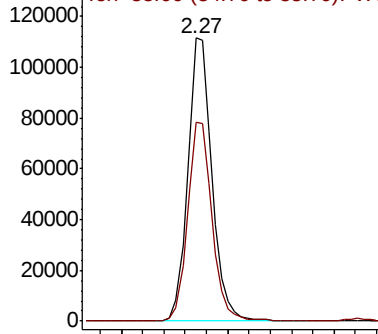
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.457 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

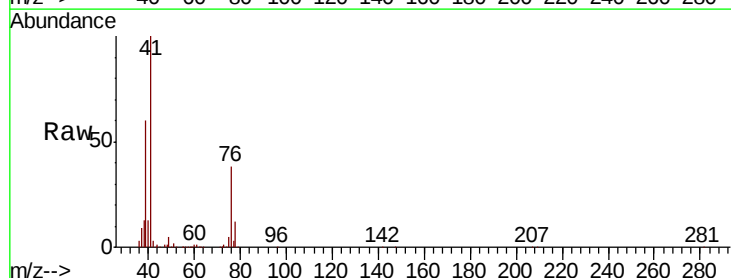
Tgt Ion: 41 Resp: 204212

Ion Ratio Lower Upper

41 100

39 58.1 50.5 75.7

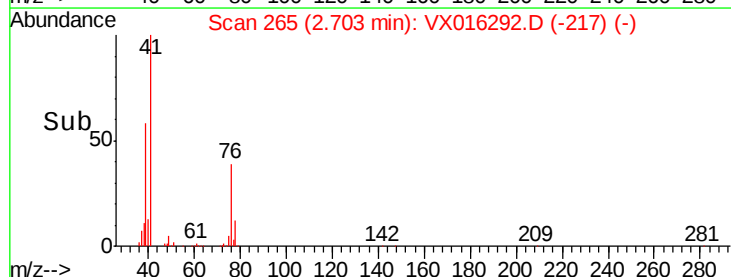
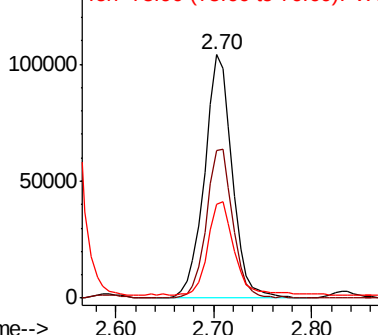
76 37.5 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





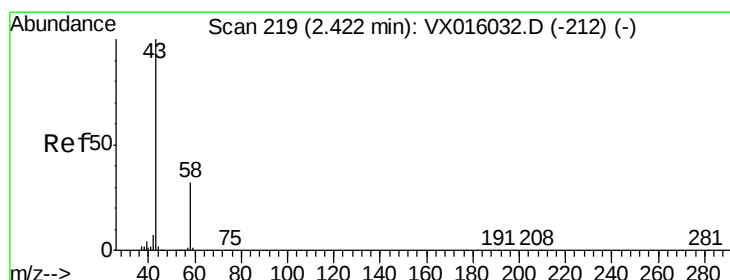
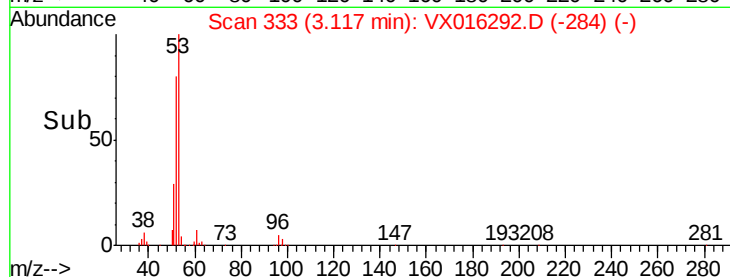
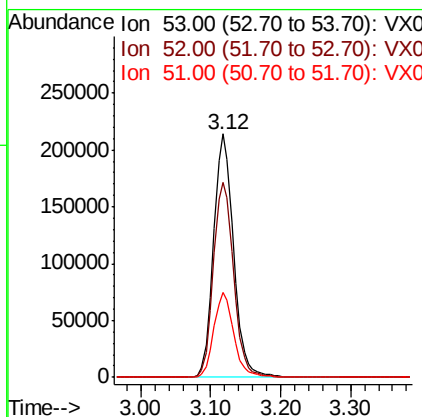
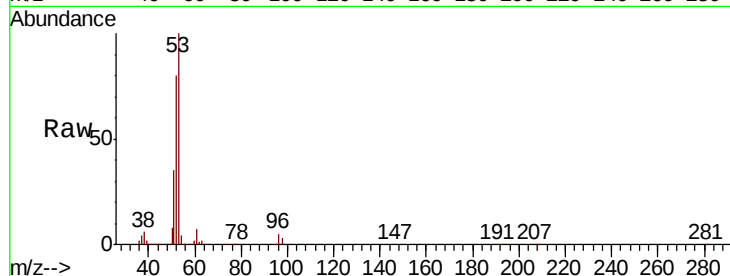
#15
 Acrylonitrile
 Concen: 255.344 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion:	53	Resp:	424797
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.1	99.1
51	35.0	28.8	43.2

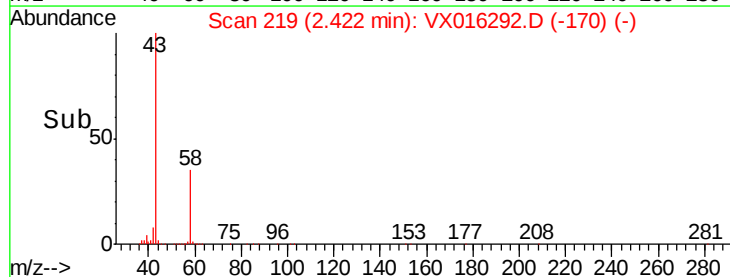
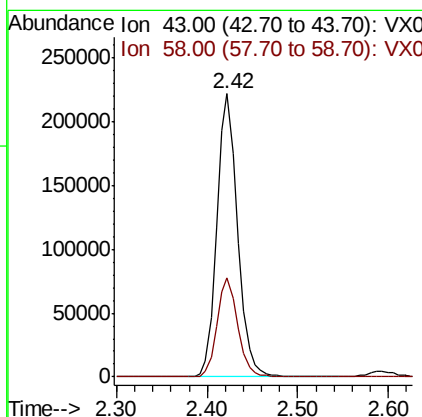
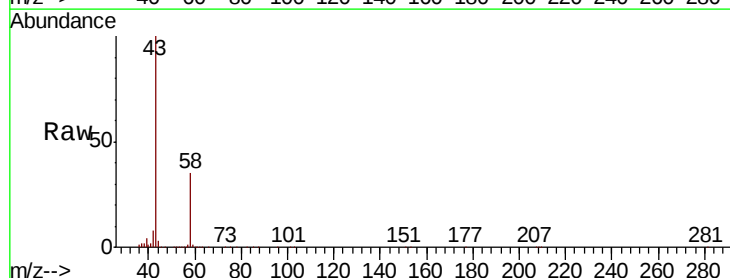
Manual Integrations
 APPROVED

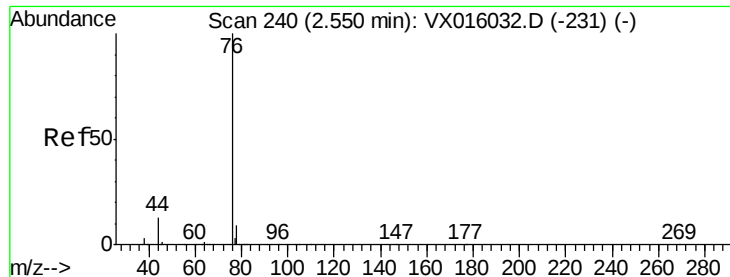
MMDadoda
 5/18/2020 12:52:49 PM



#16
 Acetone
 Concen: 251.532 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion:	43	Resp:	355919
Ion Ratio	Lower	Upper	
43	100		
58	34.9	25.4	38.0





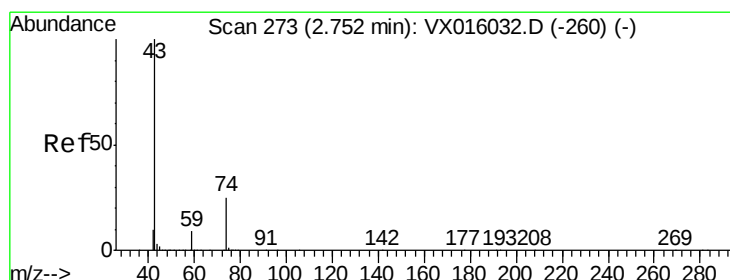
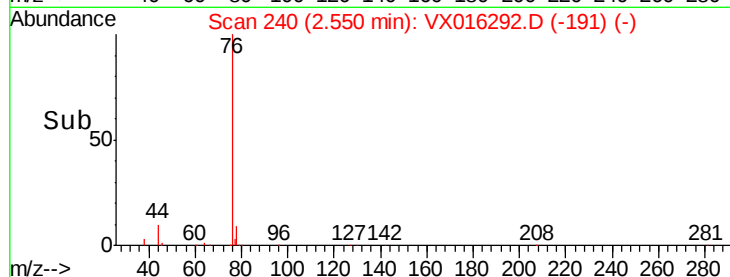
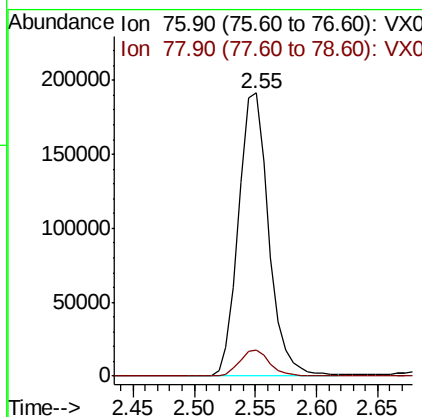
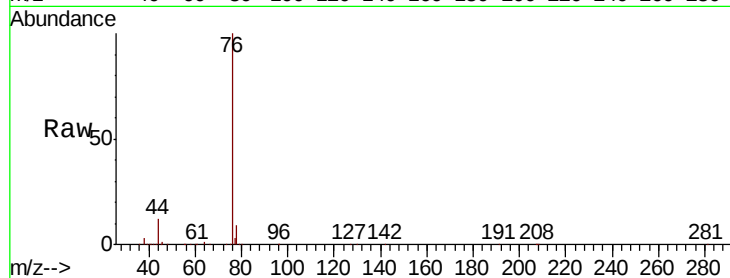
#17
Carbon Disulfide
Concen: 43.681 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

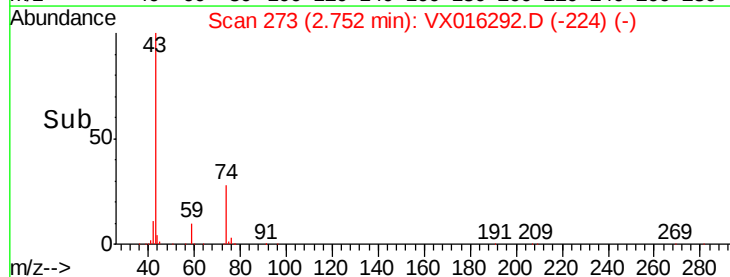
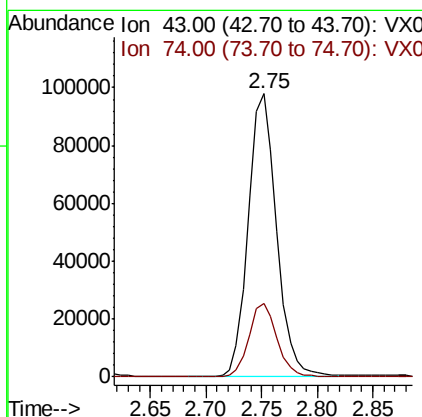
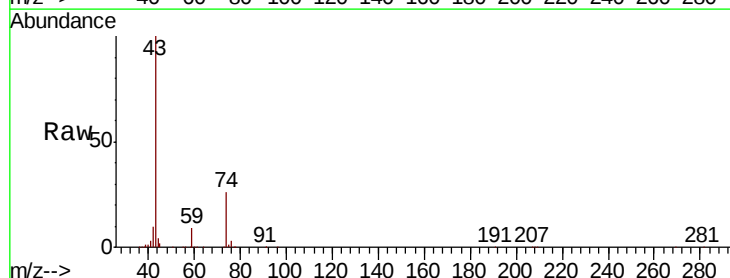
Manual Integrations
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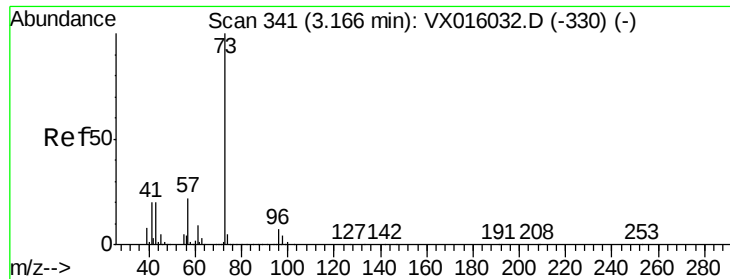
MMDadoda
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#18
Methyl Acetate
Concen: 49.713 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.2	30.2





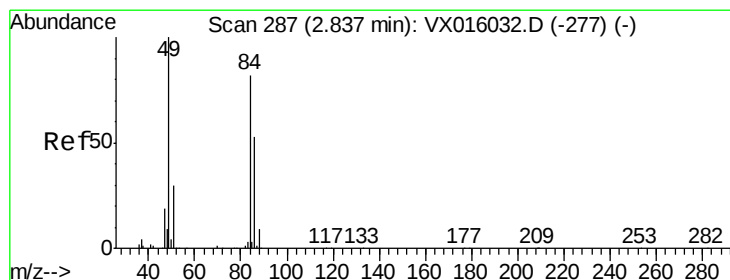
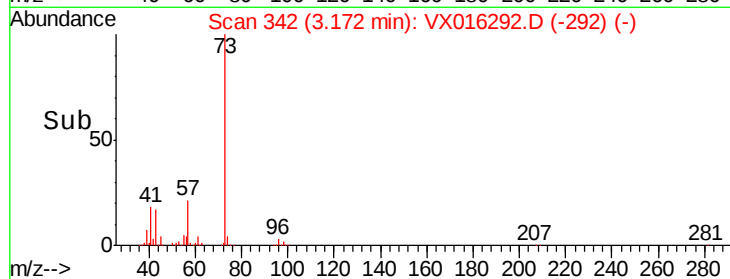
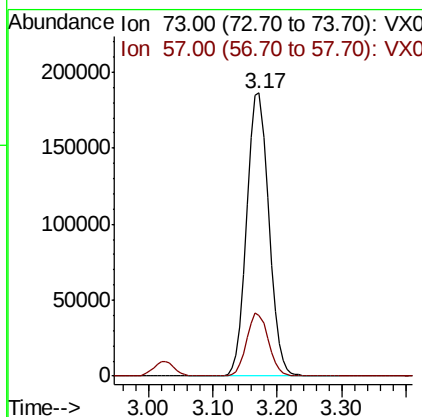
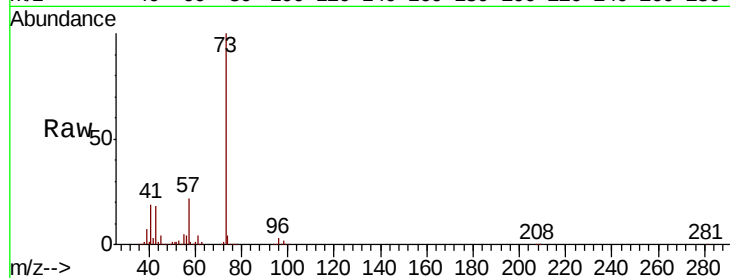
#19
Methvl tert-butvl Ether
Concen: 50.546 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

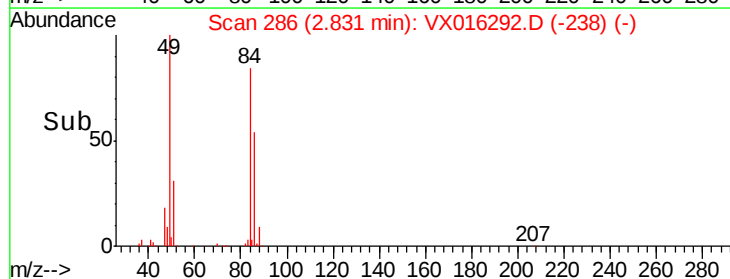
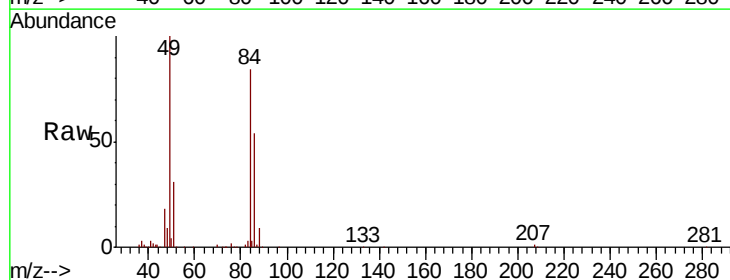
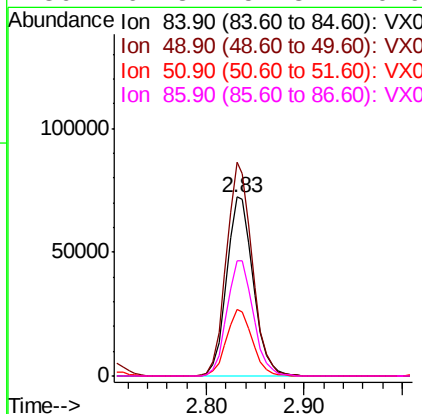
Manual Integrations
APPROVED

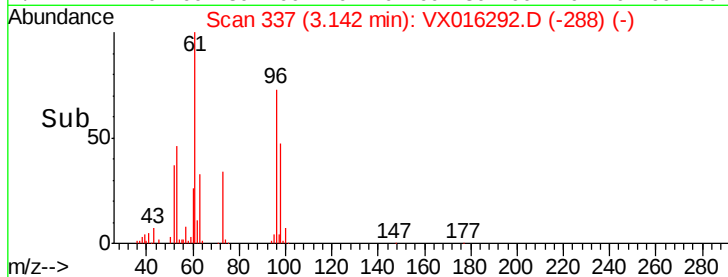
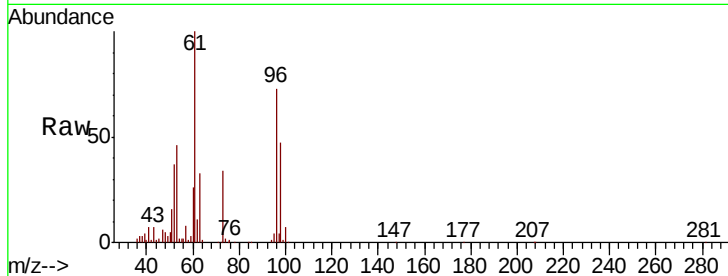
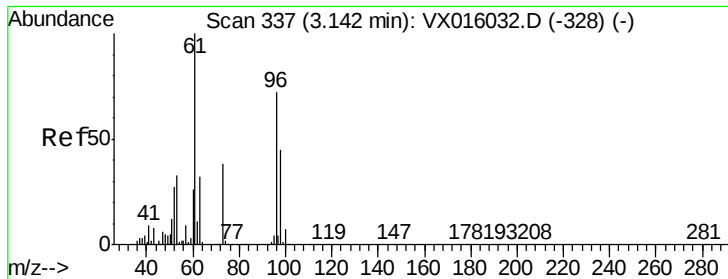
MMDadoda
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#20
Methylene Chloride
Concen: 46.480 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	97.3	145.9
51	37.3	29.3	43.9
86	64.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.013 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016292.D

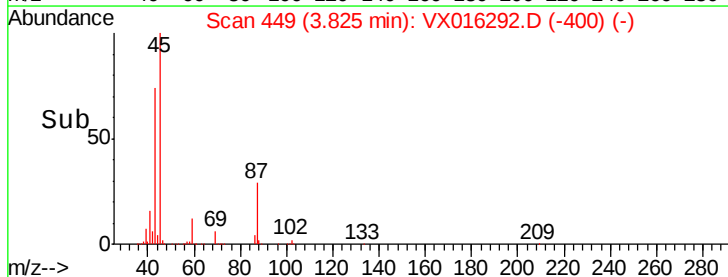
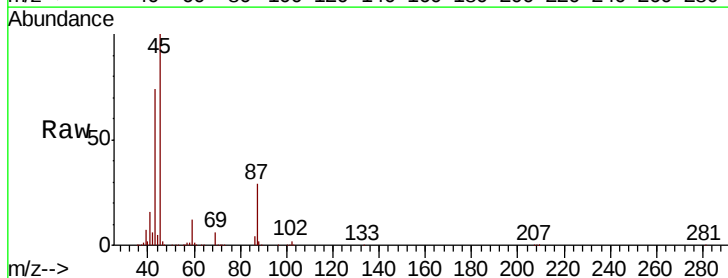
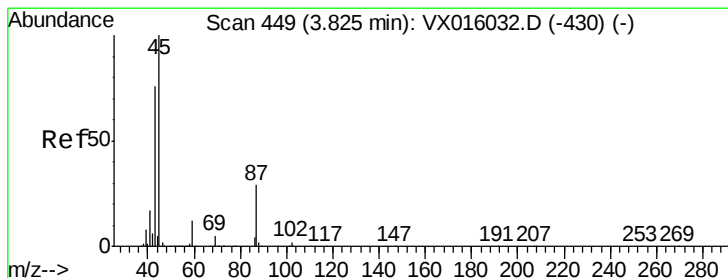
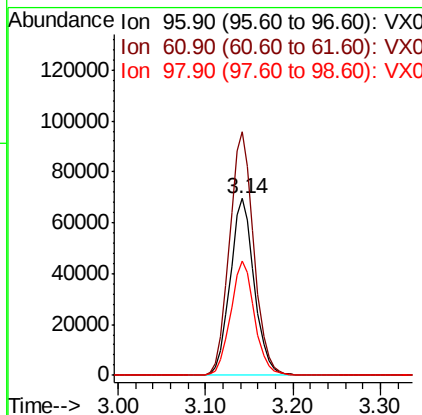
Acq: 15 May 2020 19:36

Tot Ion:	96	Resp:	134040
Ion	Ratio	Lower	Upper
96	100		
61	137.6	111.2	166.8
98	64.7	50.2	75.4

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.044 ug/l

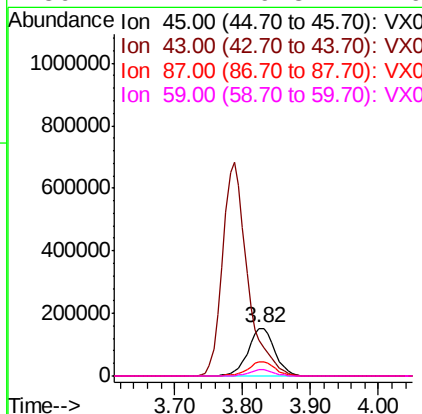
RT: 3.82 min Scan# 449

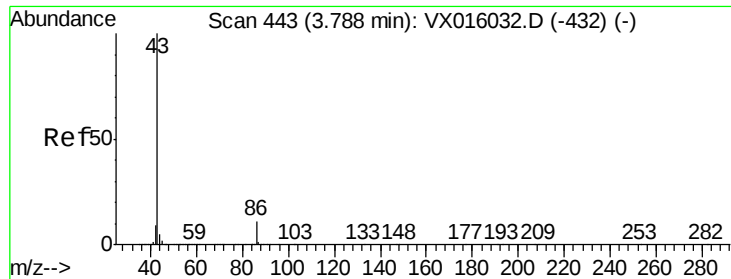
Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Tgt Ion:	45	Resp:	416334
Ion	Ratio	Lower	Upper
45	100		
43	74.0	61.1	91.7
87	28.8	23.0	34.6
59	12.2	9.8	14.6





#23

Vinyl Acetate

Concen: 227.907 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 43 Resp: 1737567

Ion Ratio Lower Upper

43 100

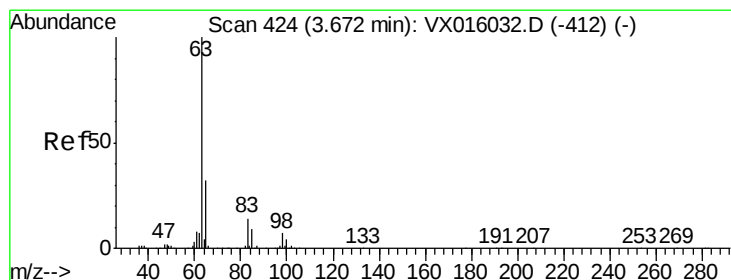
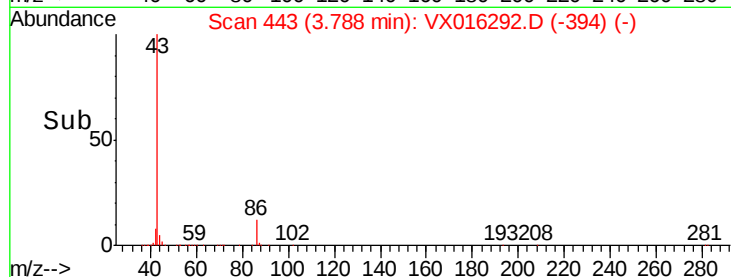
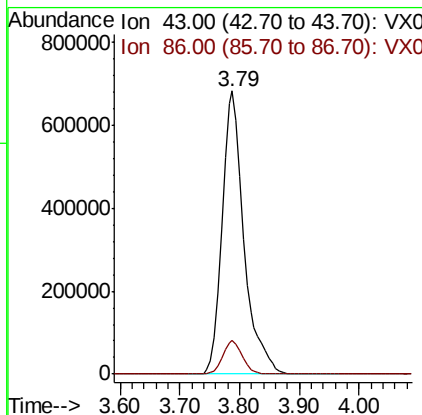
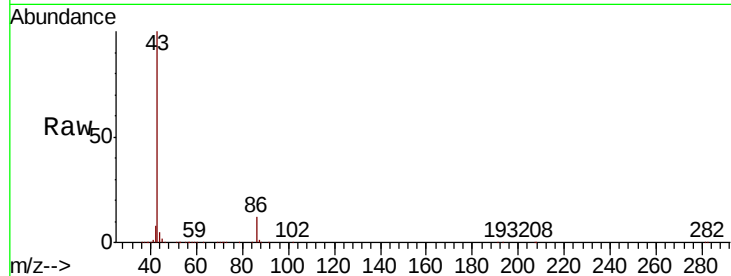
86 11.7 9.0 13.4

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 48.937 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

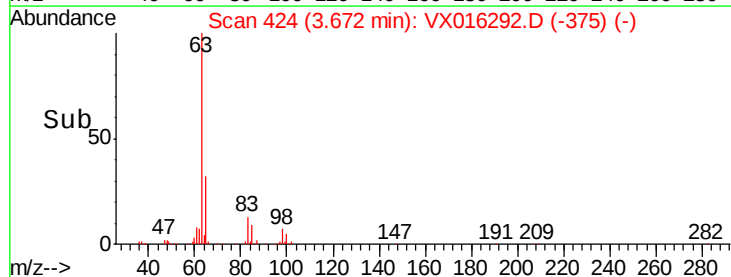
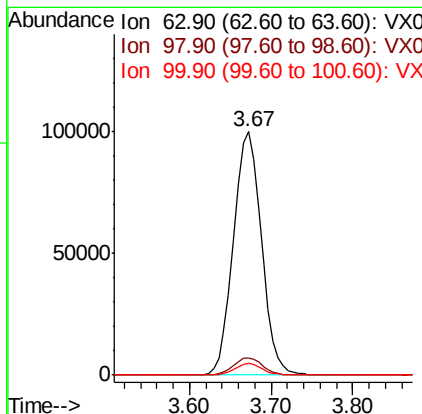
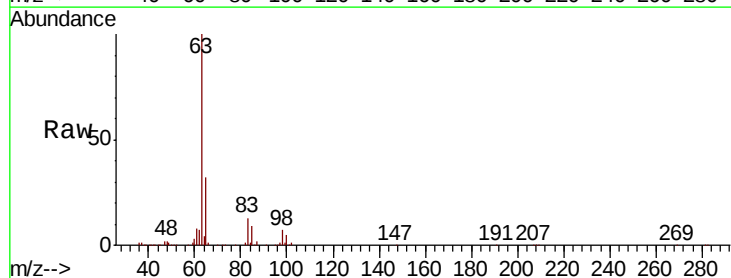
Tgt Ion: 63 Resp: 237227

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.7 2.1 6.5





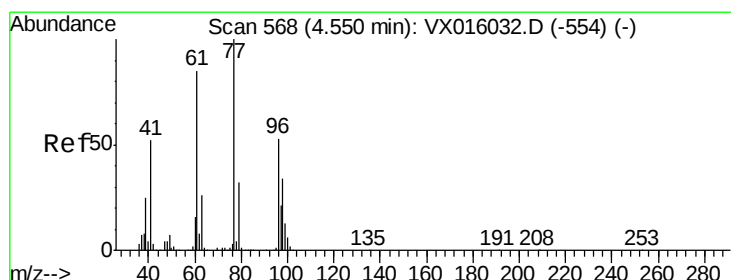
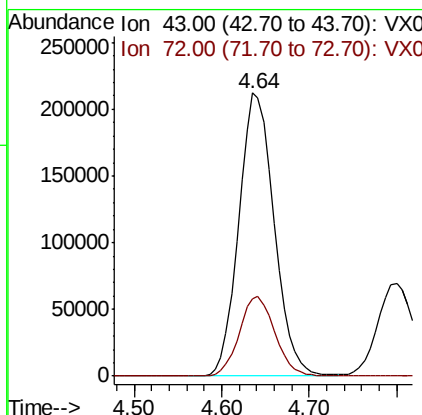
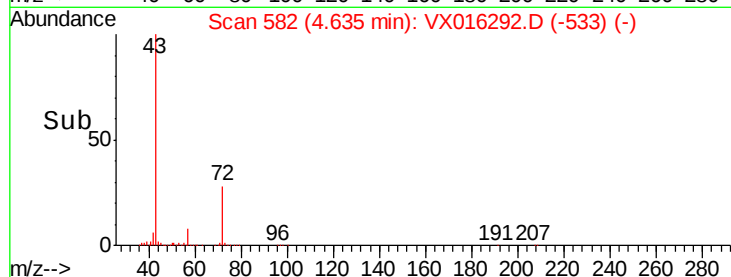
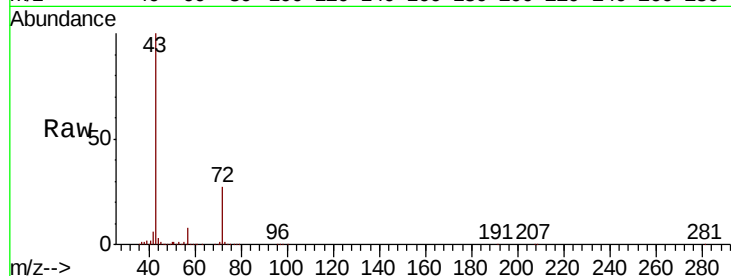
#25
2-Butanone
Concen: 260.823 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion: 43 Resp: 594714
Ion Ratio Lower Upper
43 100
72 27.4 21.8 32.8

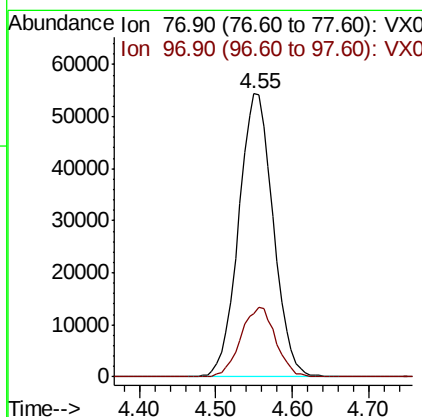
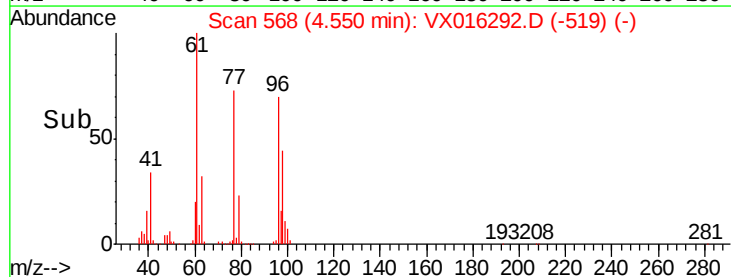
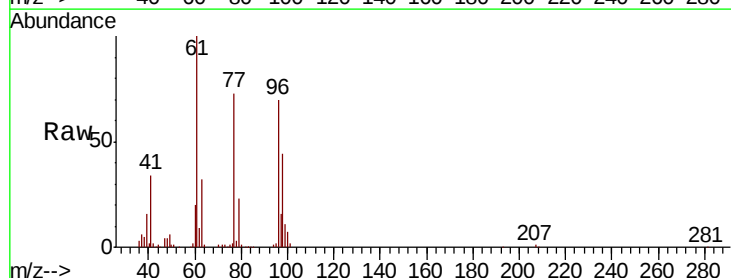
Manual Integrations
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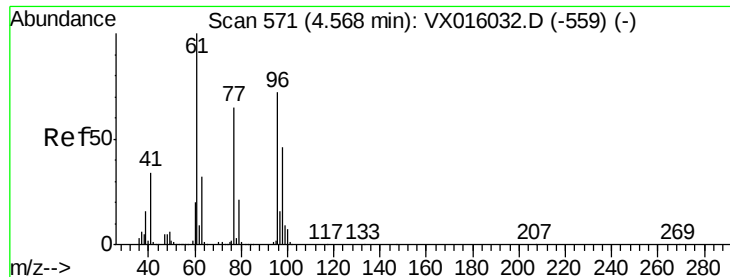
MMDadoda
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#26
2,2-Dichloropropane
Concen: 38.526 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion: 77 Resp: 170558
Ion Ratio Lower Upper
77 100
97 24.8 11.2 33.6





#27

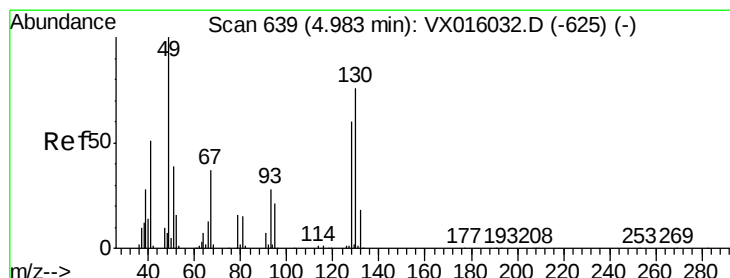
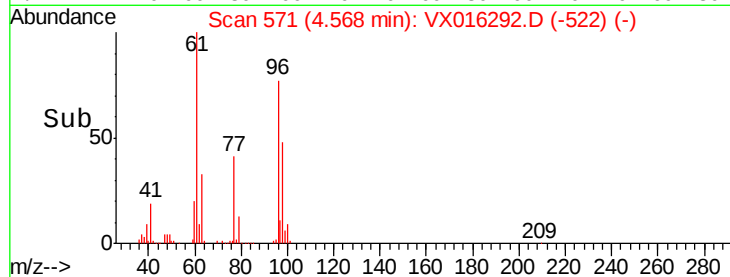
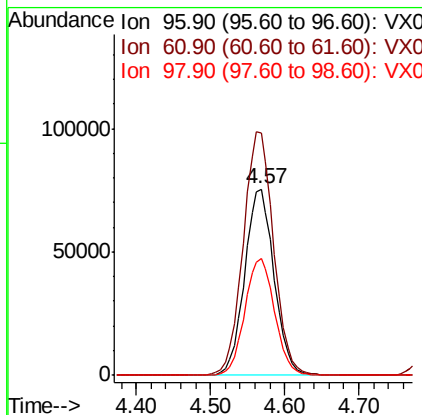
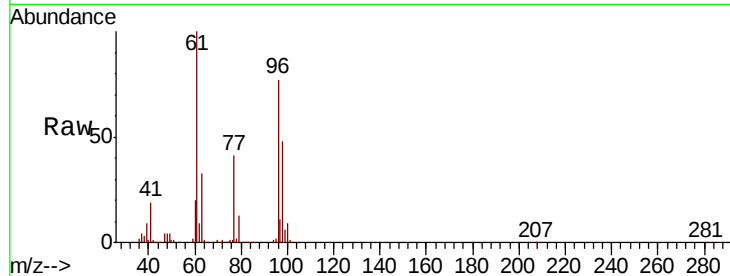
cis-1,2-Dichloroethene
Concen: 68.628 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampled :
S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	209456		
61	134.9		0.0	296.2
98	63.6		0.0	129.4

Manual Integrations
APPROVED

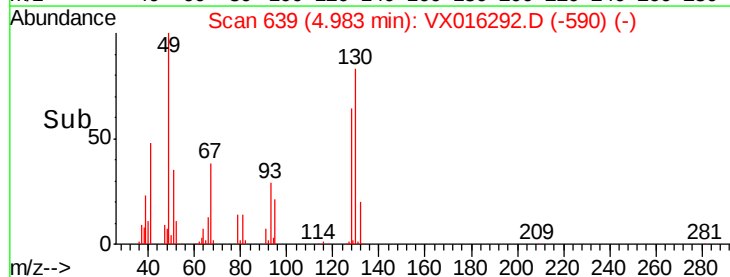
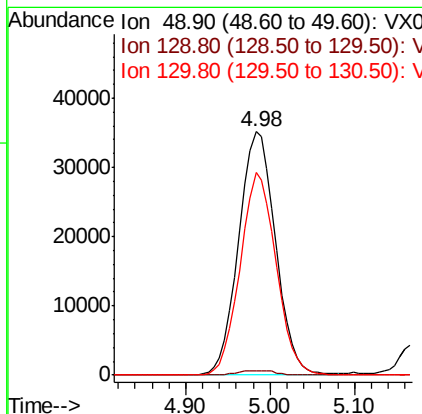
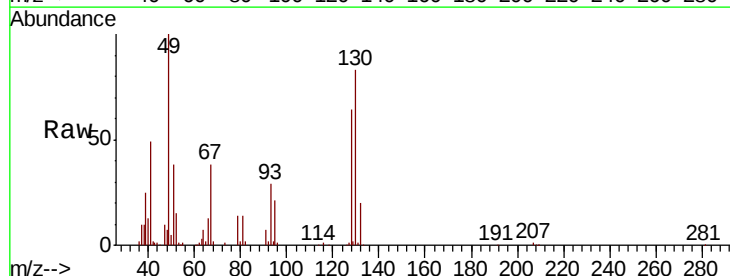
MMDadoda
5/18/2020 12:52:49 PM

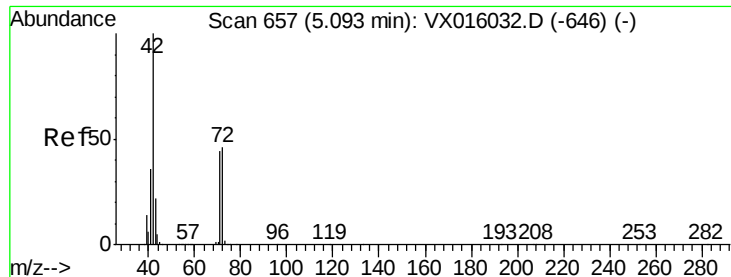


#28

Bromochloromethane
Concen: 47.341 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	104644		
129	2.0		0.0	4.0
130	80.8		62.4	93.6





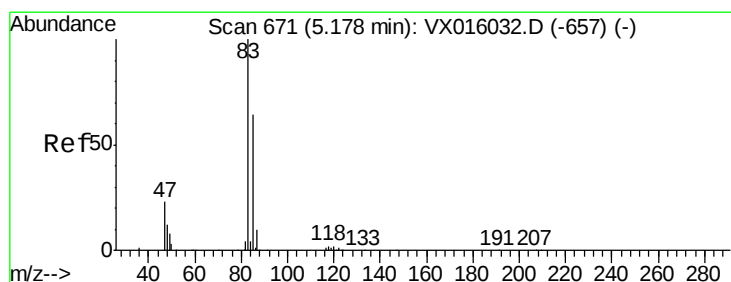
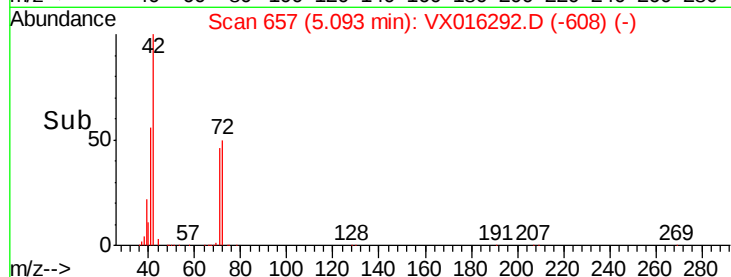
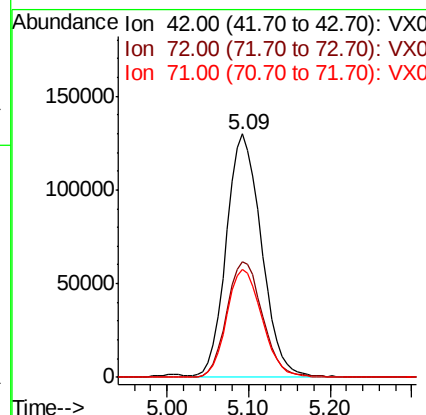
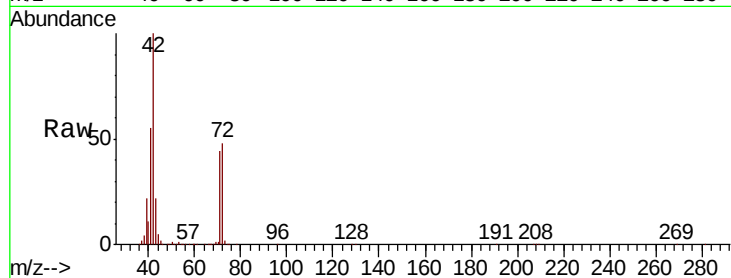
#29
Tetrahydrofuran
Concen: 254.187 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.1	55.7
71	45.1	34.5	51.7

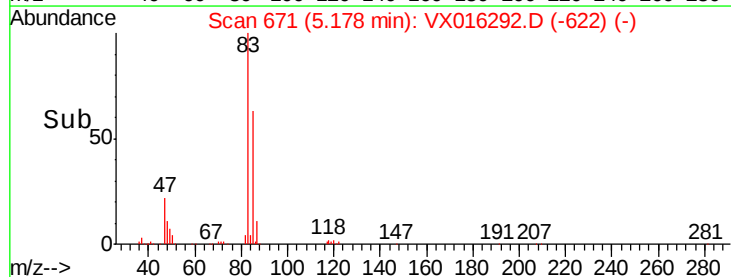
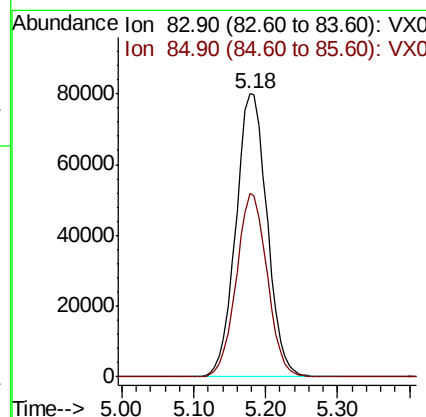
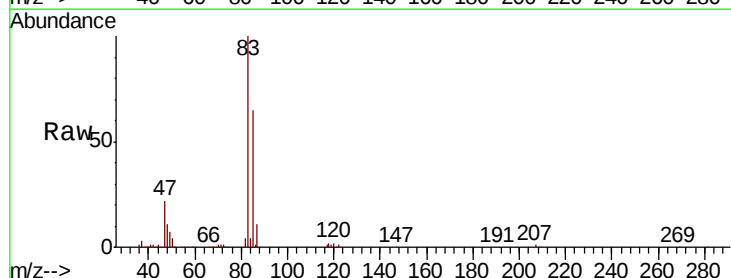
Manual Integrations
APPROVED

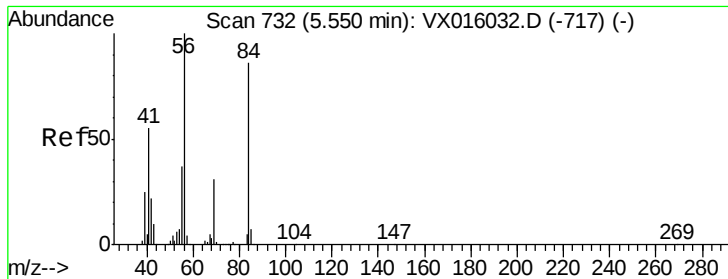
MMDadoda
5/18/2020 12:52:49 PM



#30
Chloroform
Concen: 50.034 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





#31

Cyclohexane

Concen: 41.782 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

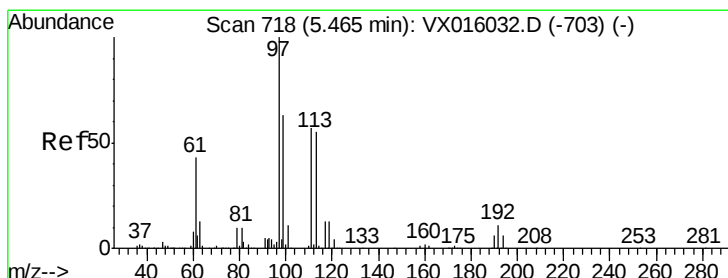
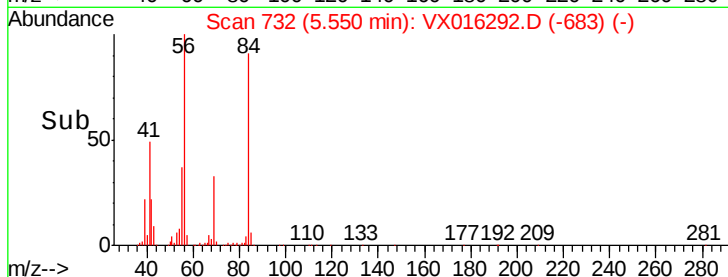
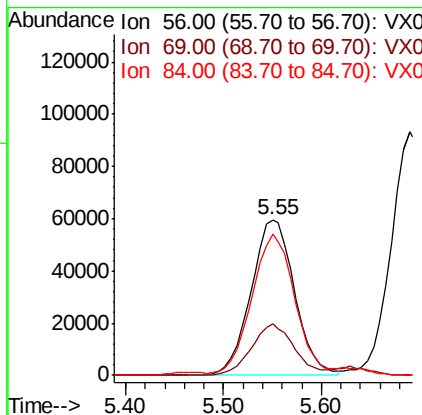
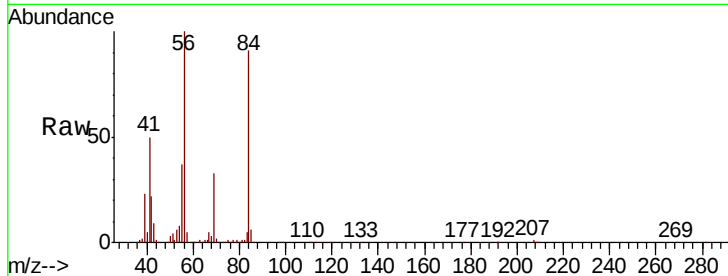
ClientSampleId :

S32-0685MS

Tot Ion:	56	Resp:	184075
Ion Ratio	Lower	Upper	
56	100		
69	33.1	25.0	37.6
84	89.1	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.705 ug/l

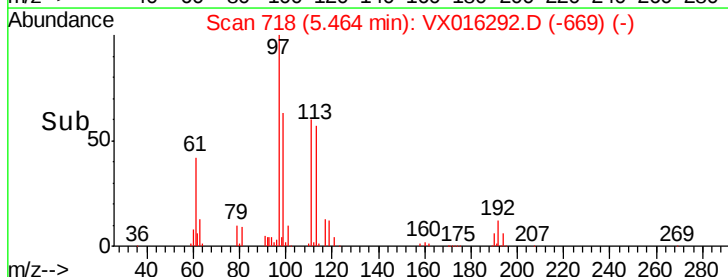
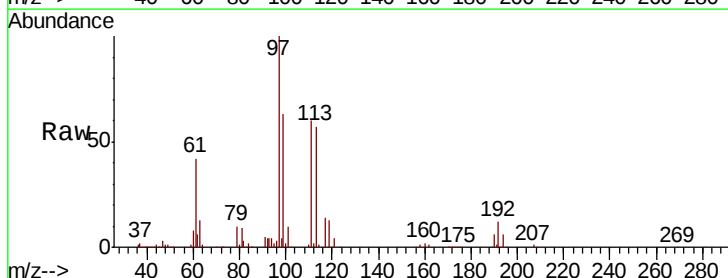
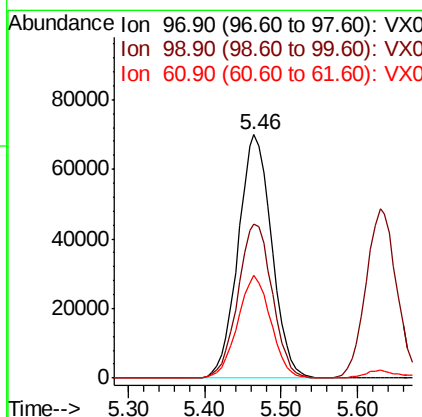
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Tgt Ion:	97	Resp:	213681
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.0	76.4
61	41.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.497 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 65 Resp: 147455

Ion Ratio Lower Upper

65 100

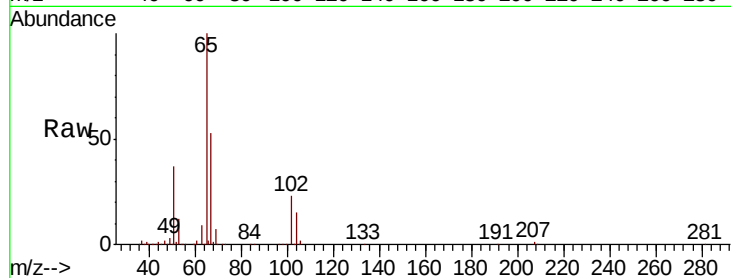
67 53.7 0.0 104.8

Manual Integrations

APPROVED

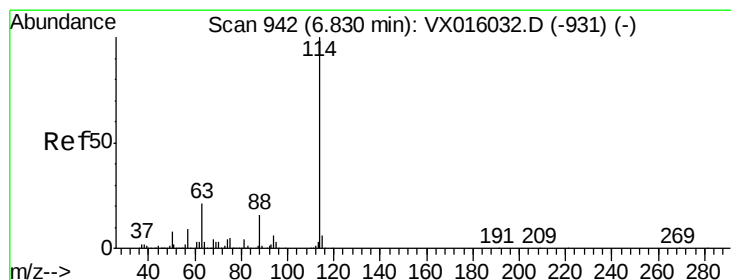
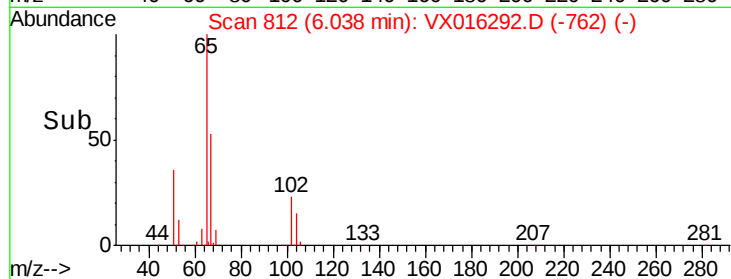
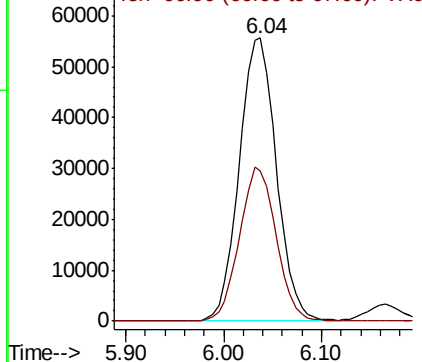
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

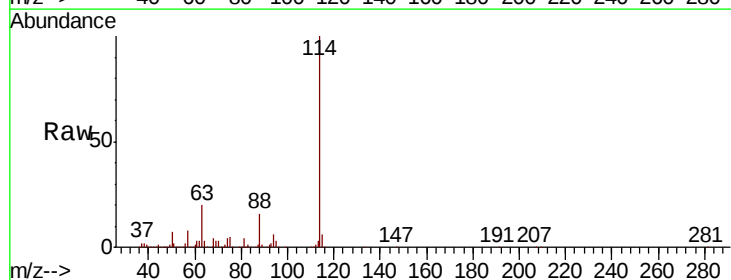
Tgt Ion: 114 Resp: 405989

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

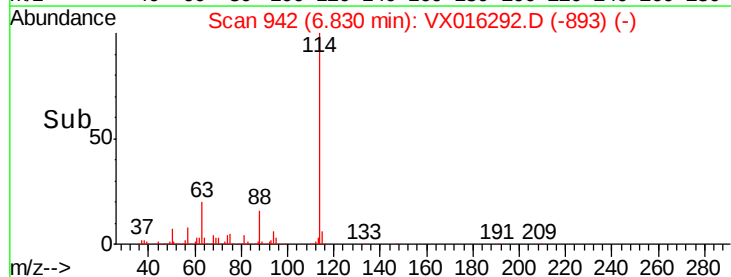
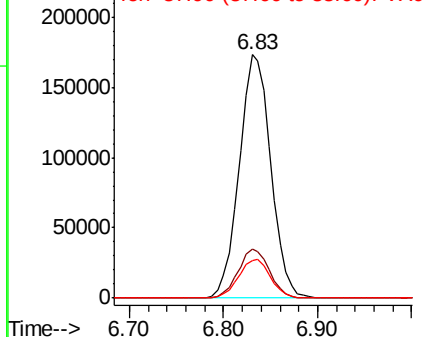
88 15.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





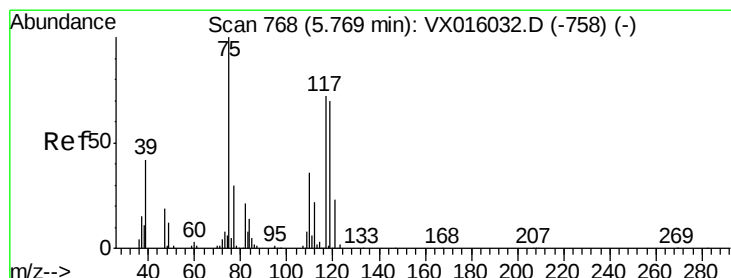
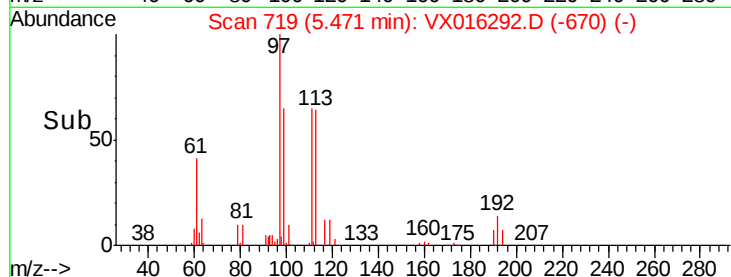
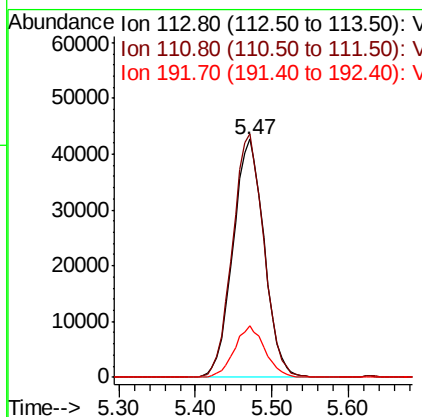
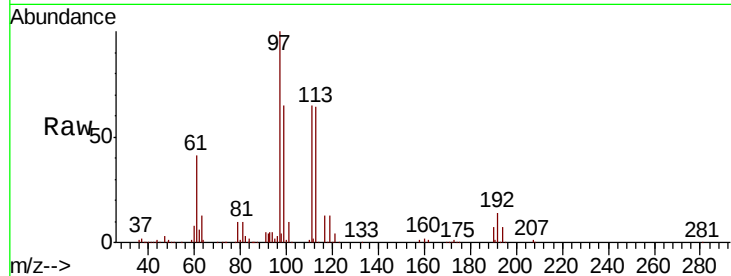
#35
Dibromofluoromethane
Concen: 46.912 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120663		
111	102.0	81.6	122.4	
192	20.9	17.0	25.4	

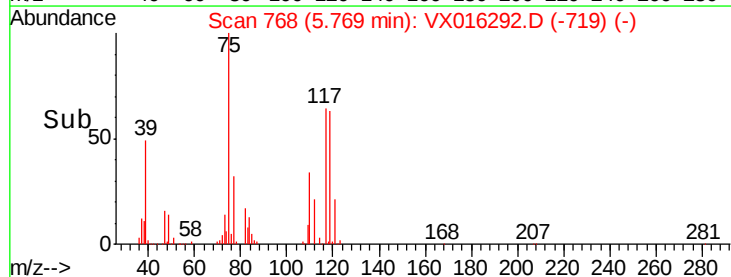
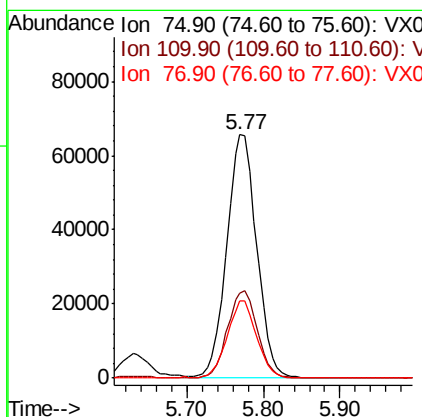
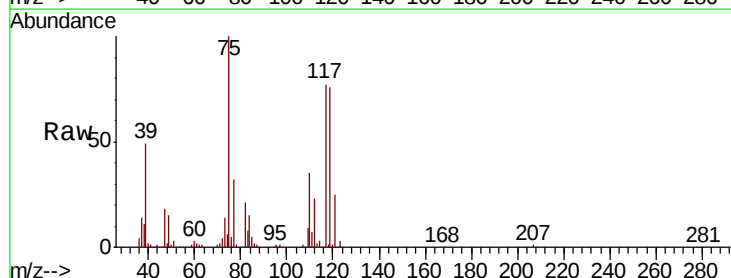
Manual Integrations
APPROVED

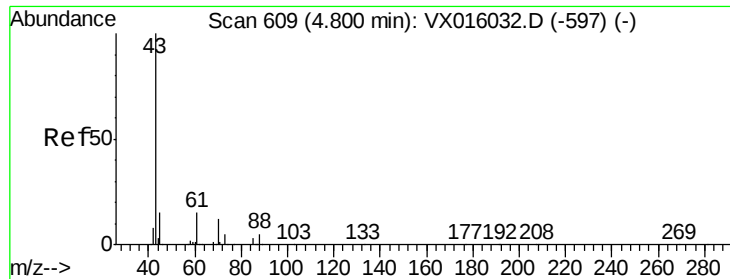
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#36
1,1-Dichloropropene
Concen: 44.376 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	177346		
110	35.9	18.1	54.1	
77	31.3	25.0	37.6	





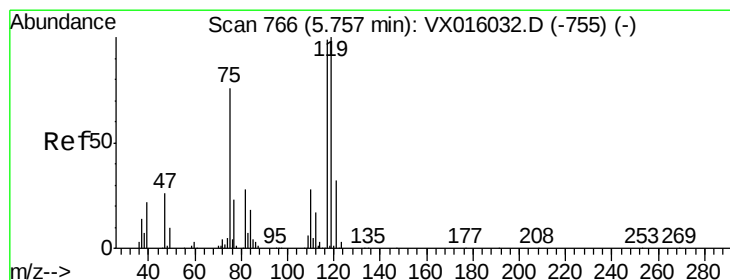
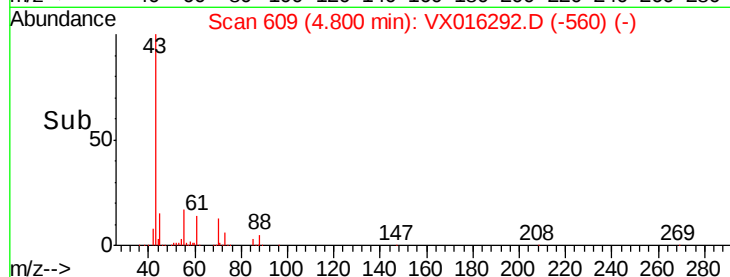
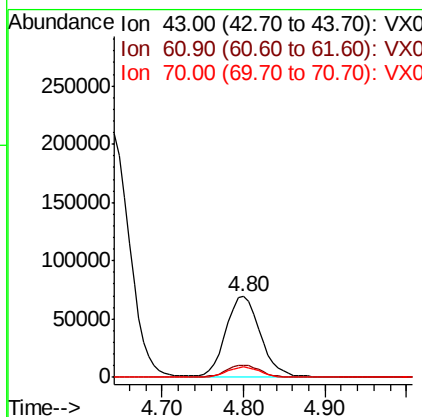
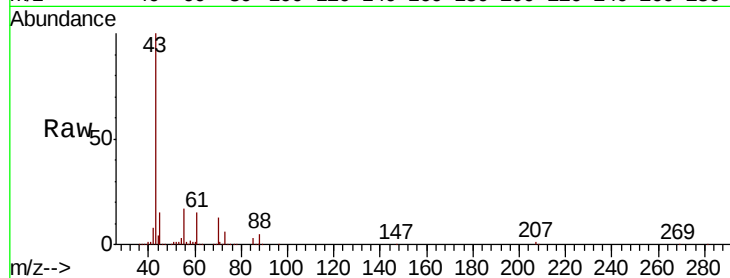
#37
Ethyl Acetate
Concen: 44.022 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	43	Resp	203908
Ion Ratio	Lower	Upper	
43	100		
61	15.4	11.7	17.5
70	12.3	9.3	13.9

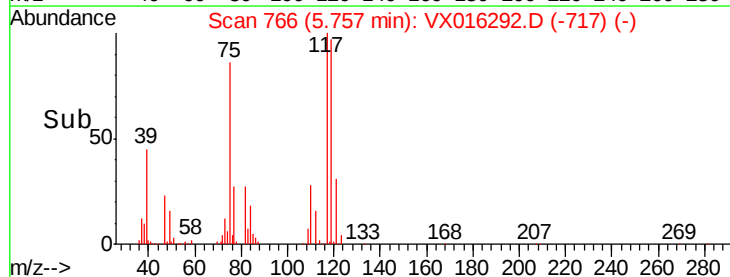
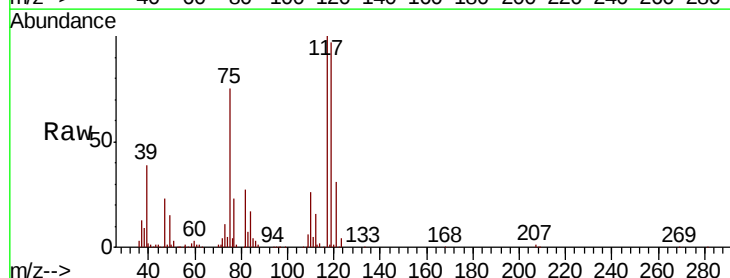
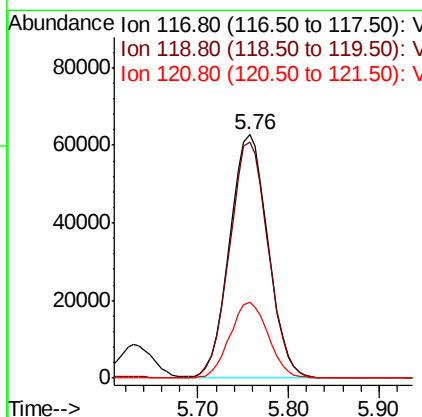
Manual Integrations
APPROVED

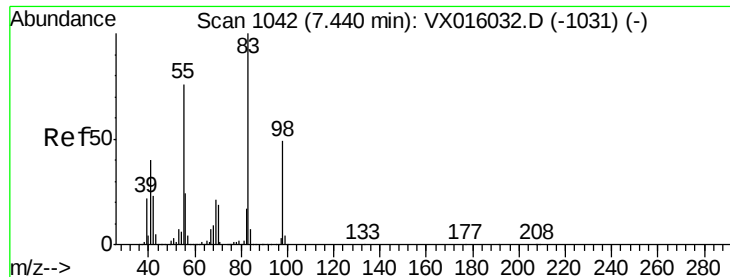
MMDadoda
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#38
Carbon Tetrachloride
Concen: 45.524 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	117	Resp	184920
Ion Ratio	Lower	Upper	
117	100		
119	96.8	80.3	120.5
121	31.2	25.7	38.5





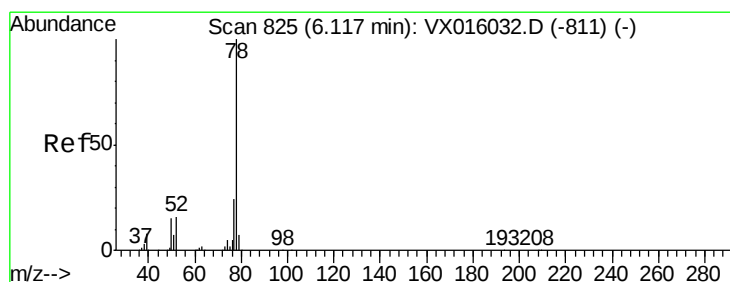
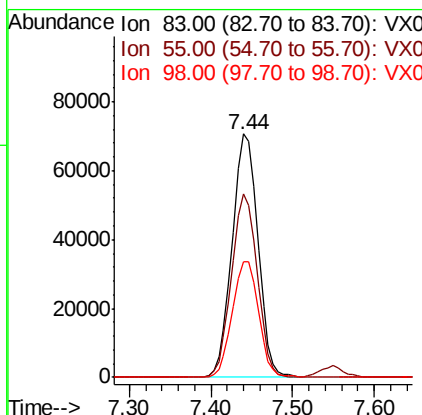
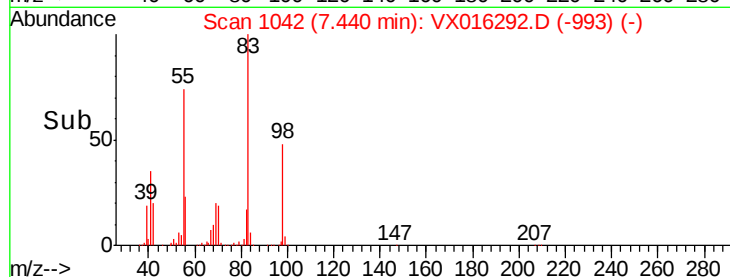
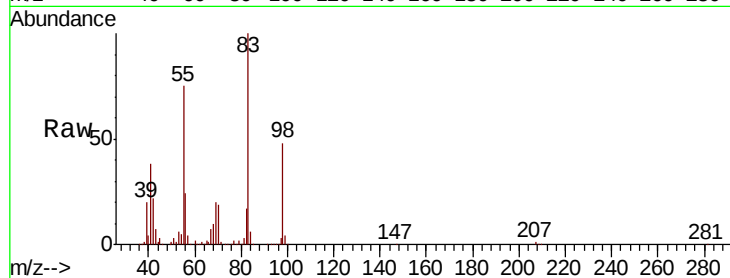
#39
Methvlcvclohexane
Concen: 32.083 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.1	91.7
98	47.5	39.0	58.4

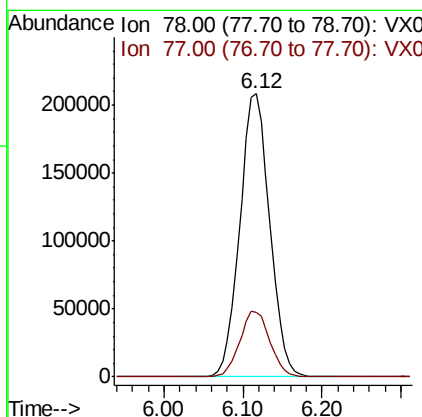
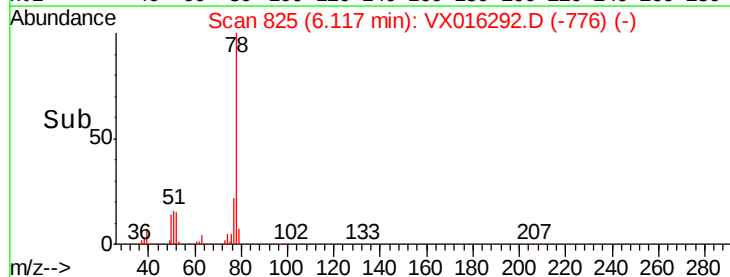
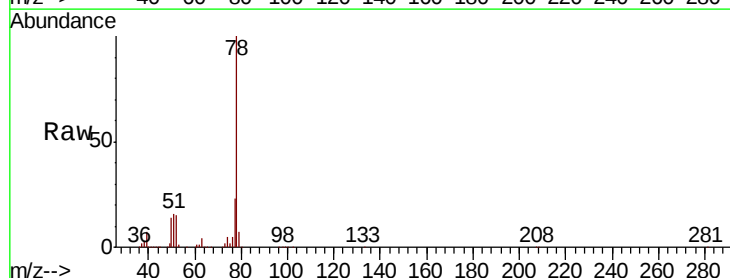
Manual Integrations
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#40
Benzene
Concen: 46.943 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





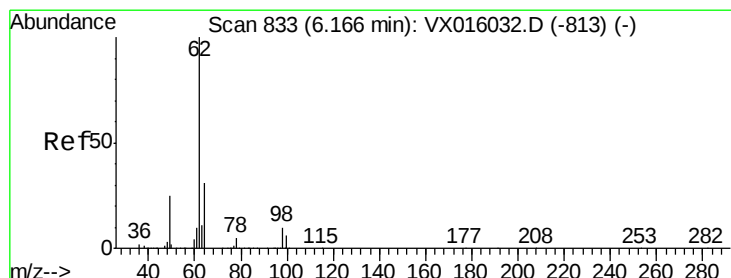
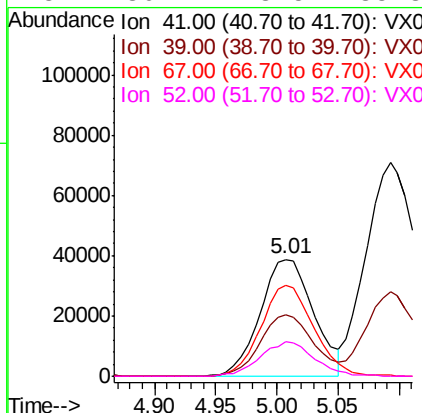
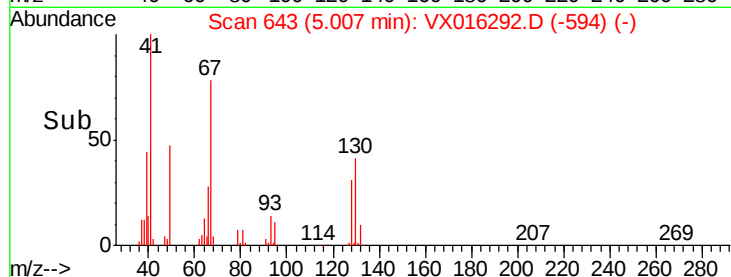
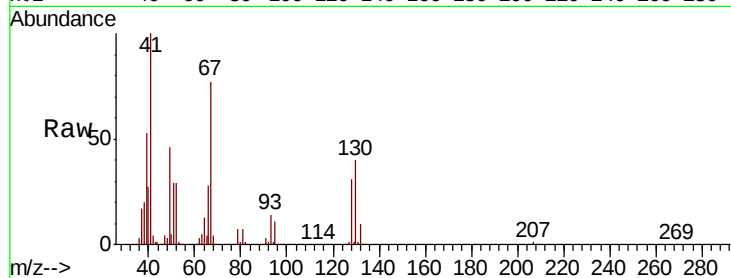
#41
Methacrylonitrile
Concen: 47.080 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.2	64.8
67	77.2	59.3	88.9
52	30.4	23.5	35.3

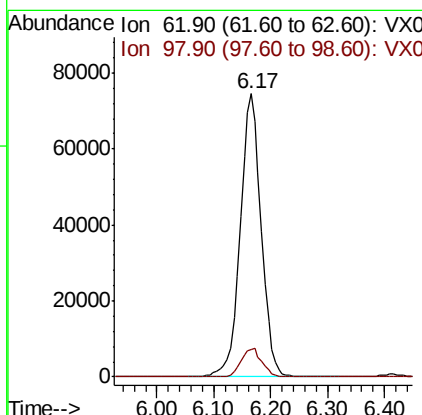
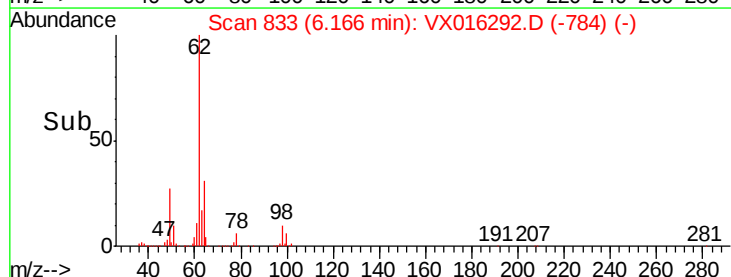
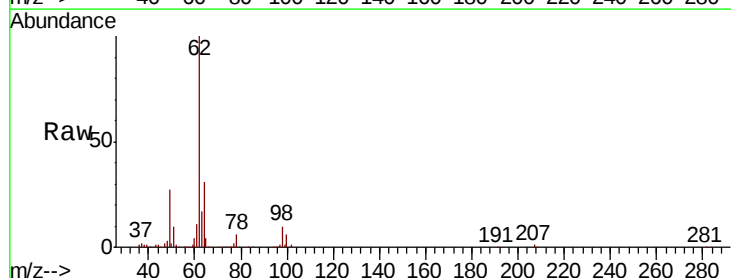
Manual Integrations
APPROVED

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5/18/2020 12:52:49 PM



#42
1,2-Dichloroethane
Concen: 45.391 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

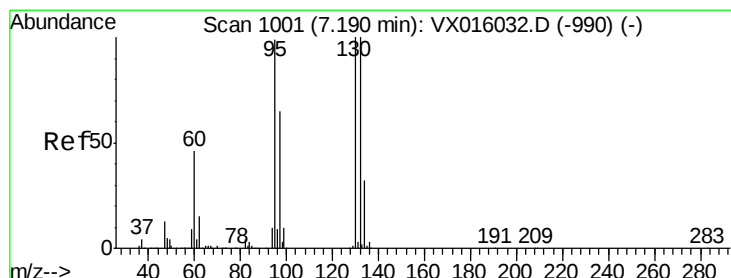
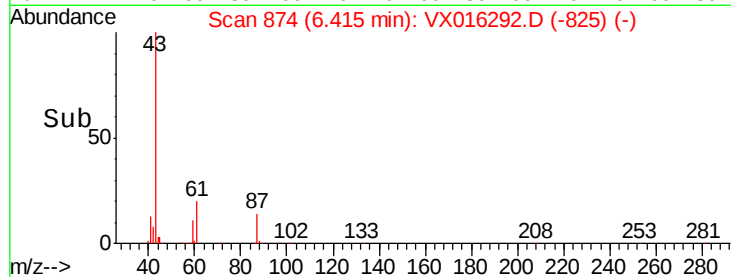
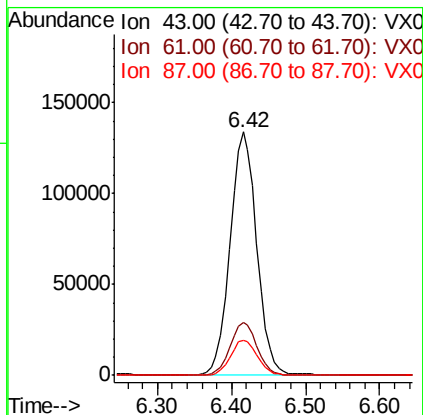
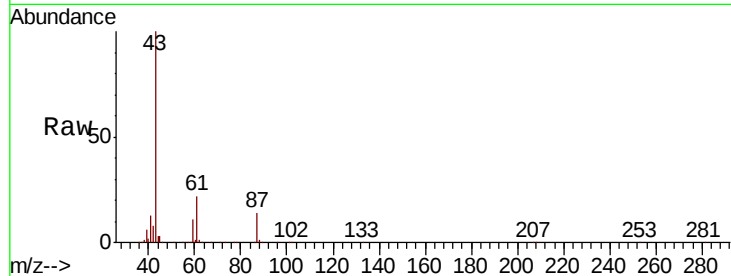
Isopropyl Acetate
 Concen: 45.015 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100	332678		
61	22.0		17.0	25.4
87	14.7		11.0	16.6

Manual Integrations
 APPROVED

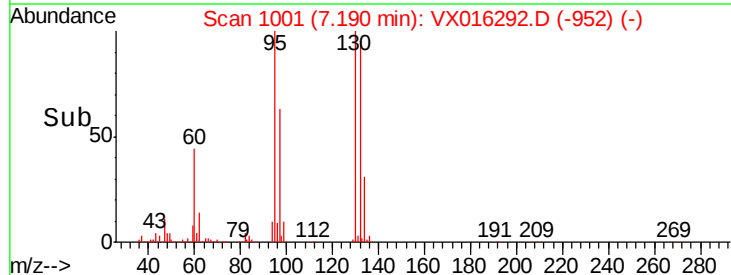
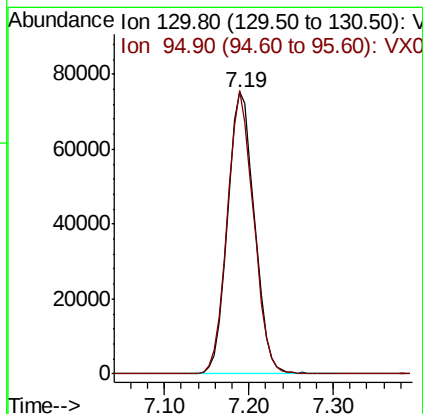
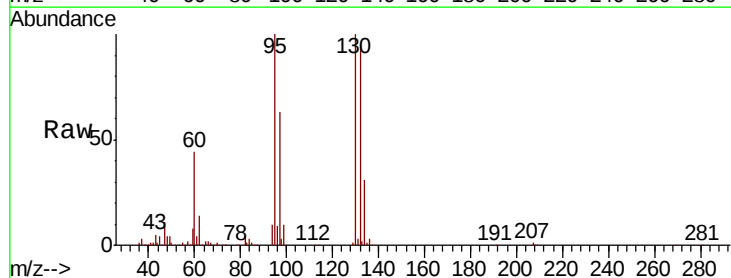
MMDadoda
 5/18/2020 12:52:49 PM

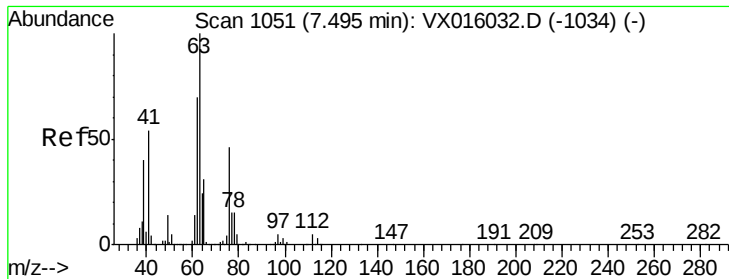


#44

Trichloroethene
 Concen: 39.378 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	163585		
95	100.4		0.0	197.4





#45

1,2-Dichloropropane

Concen: 47.813 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 63 Resp: 141467

Ion Ratio Lower Upper

63 100

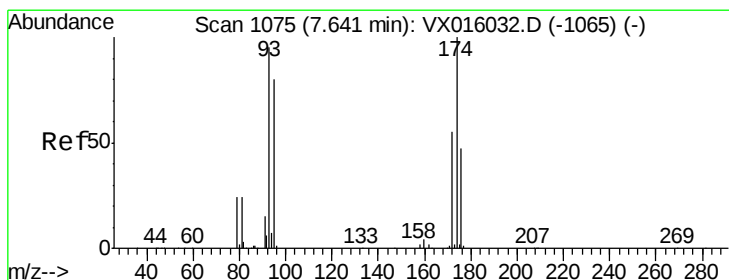
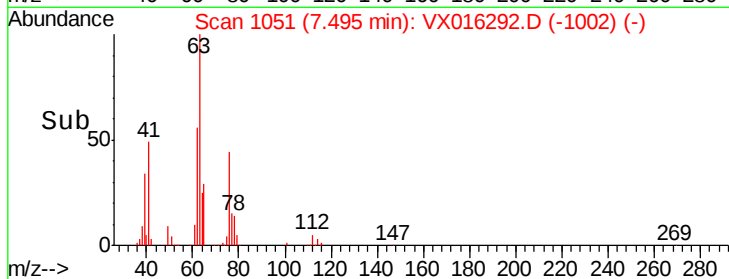
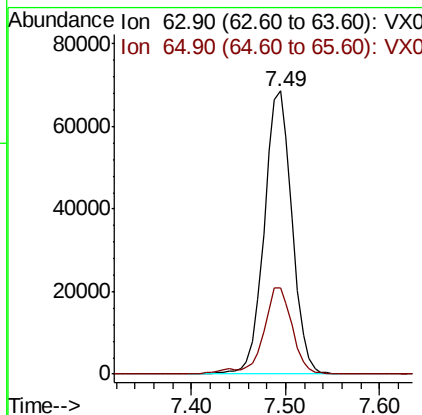
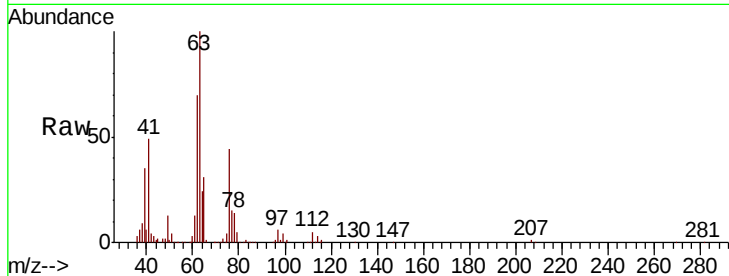
65 30.5 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 47.123 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

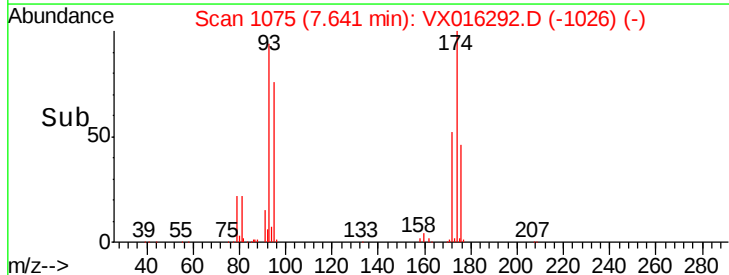
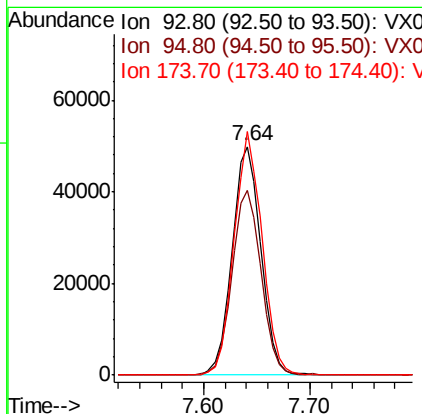
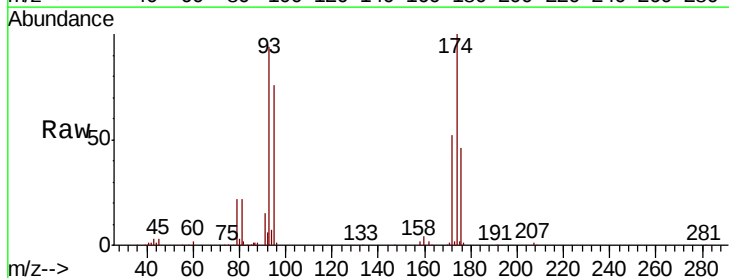
Tgt Ion: 93 Resp: 94751

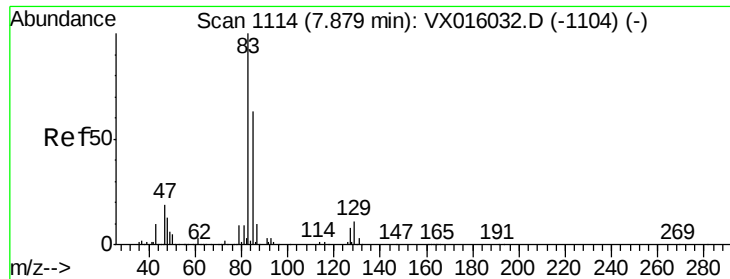
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 103.9 84.2 126.4





#47

Bromodichloromethane

Concen: 48.464 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

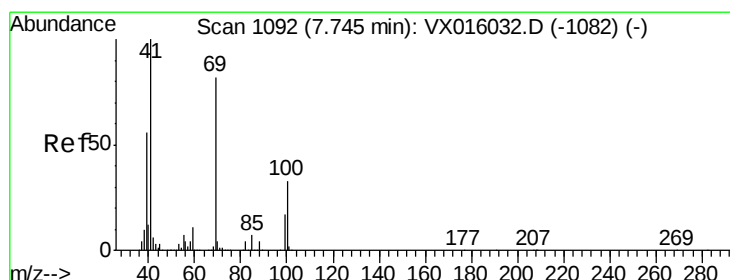
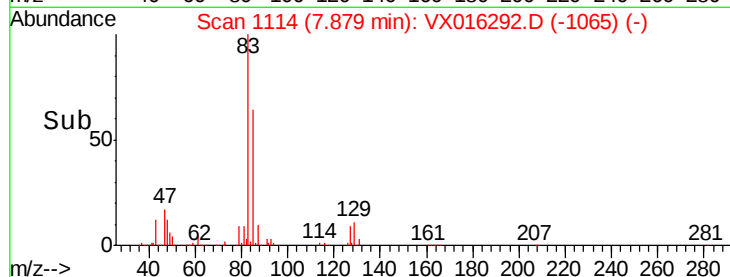
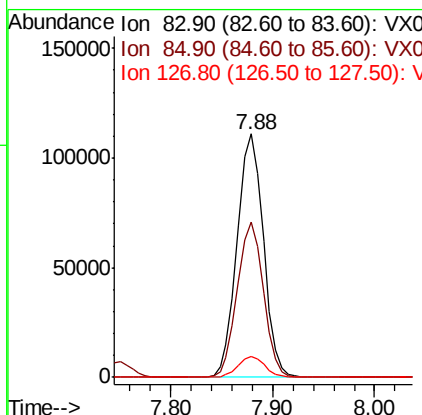
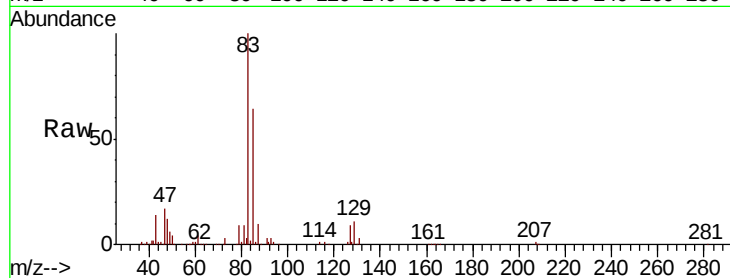
ClientSampled :

S32-0685MS

Tot Ion:	83	Resp:	198464
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.5	75.7
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.861 ug/l

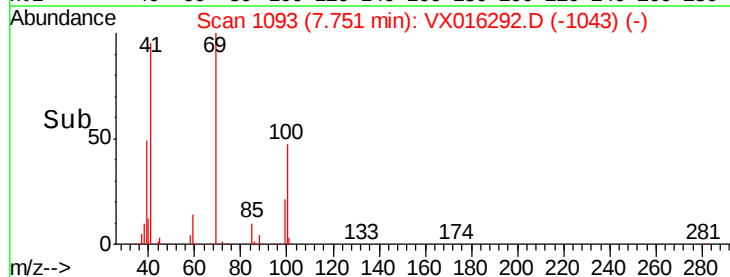
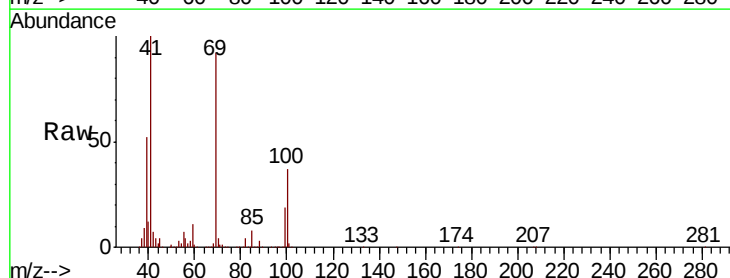
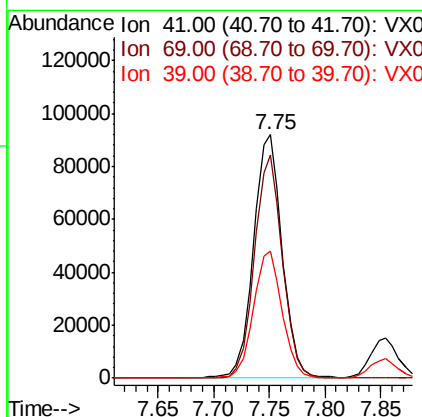
RT: 7.75 min Scan# 1093

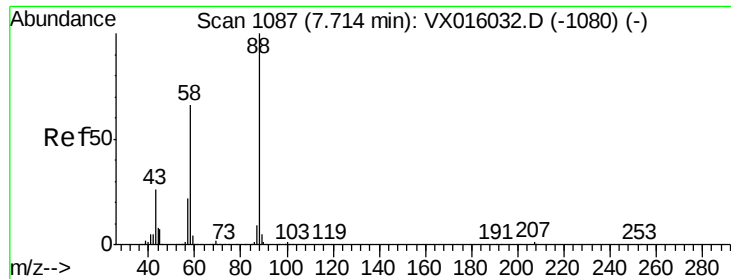
Delta R.T. 0.01 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Tgt Ion:	41	Resp:	164105
Ion Ratio	Lower	Upper	
41	100		
69	89.9	67.8	101.6
39	52.2	44.6	67.0





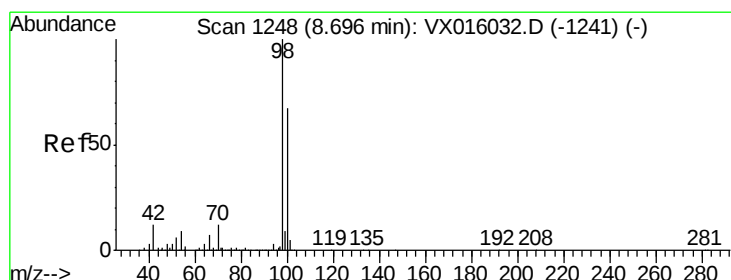
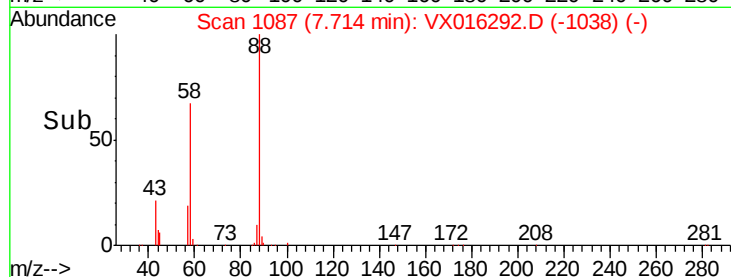
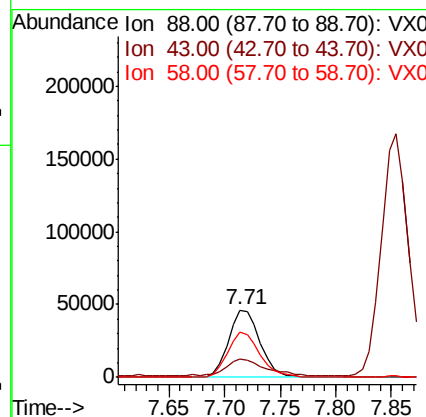
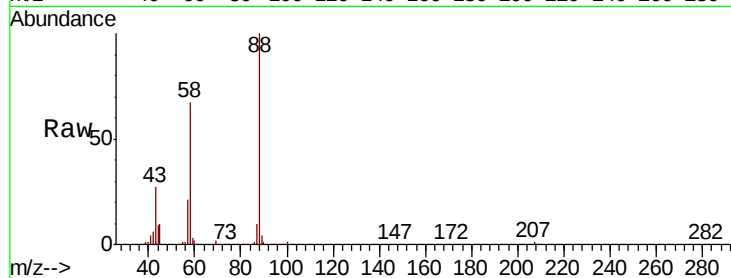
#49
1,4-Dioxane
Concen: 1078.180 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	25.3	37.9
58	68.7	55.9	83.9

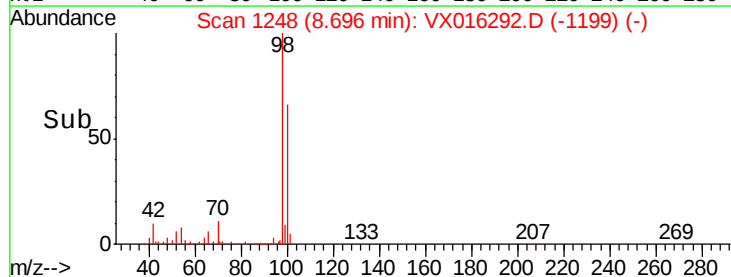
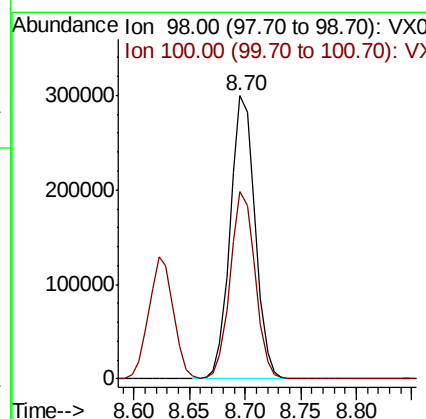
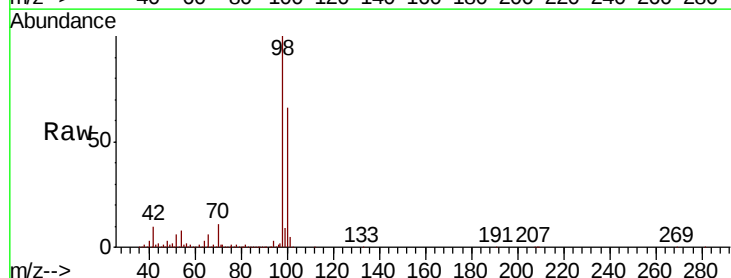
Manual Integrations
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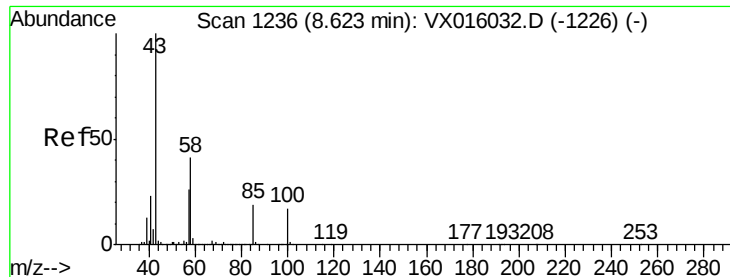
MMDadoda
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#50
Toluene-d8
Concen: 46.617 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 248.290 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 43 Resp: 1122892

Ion Ratio Lower Upper

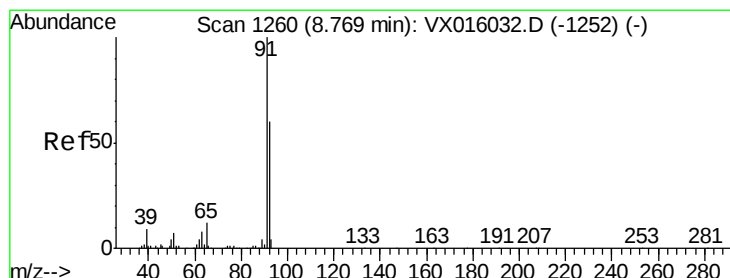
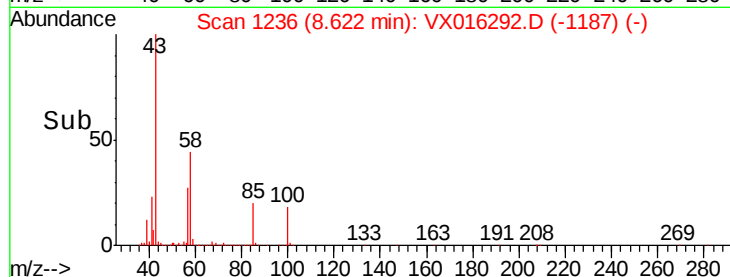
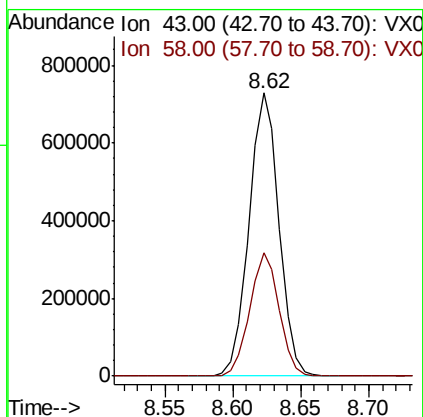
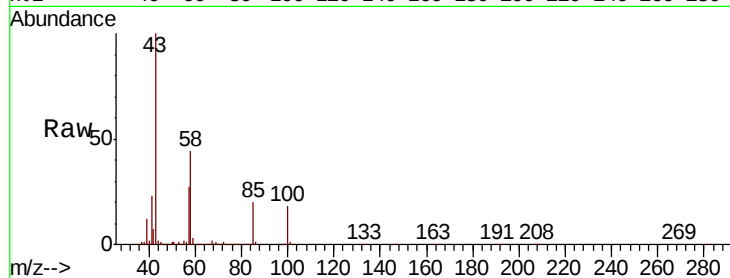
43 100

58 42.9 33.0 49.4

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#52

Toluene

Concen: 47.622 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016292.D

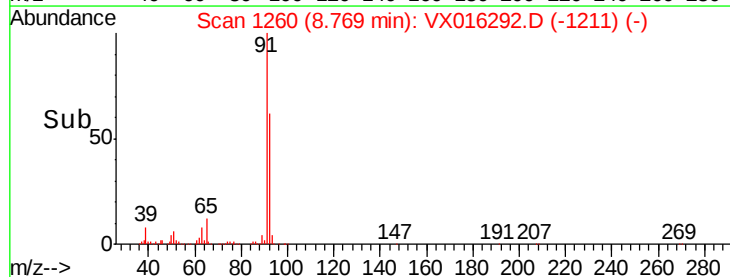
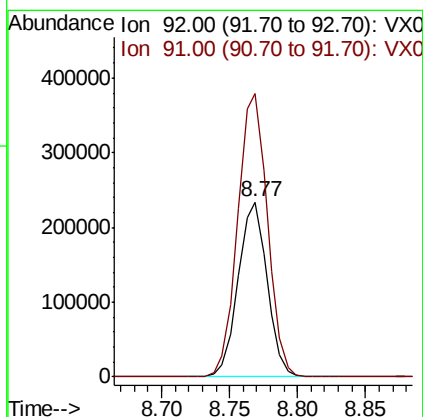
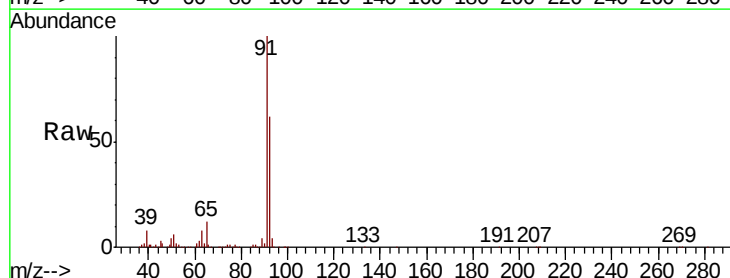
Acq: 15 May 2020 19:36

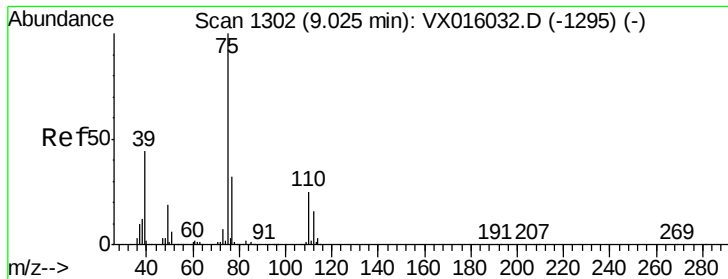
Tgt Ion: 92 Resp: 347094

Ion Ratio Lower Upper

92 100

91 166.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 45.530 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 75 Resp: 222305

Ion Ratio Lower Upper

75 100

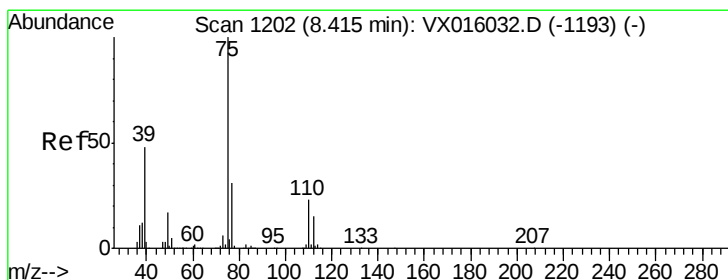
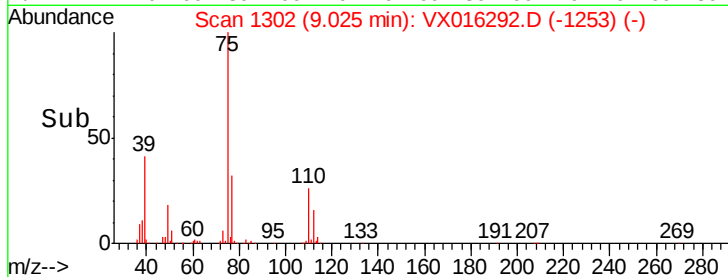
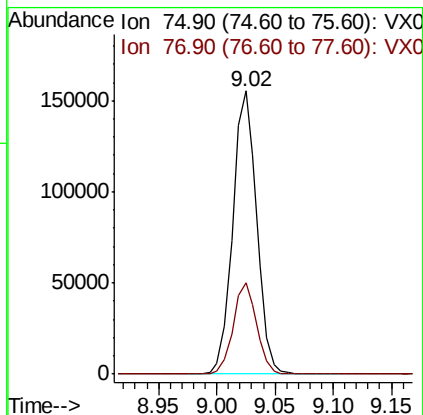
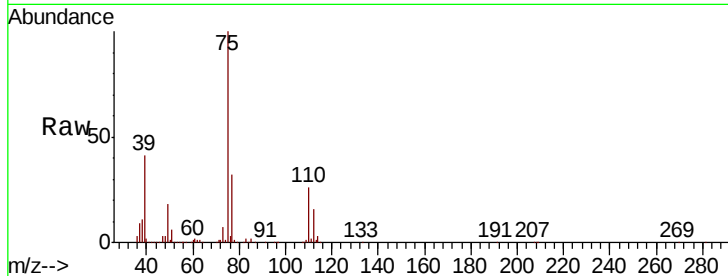
77 32.1 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 45.751 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

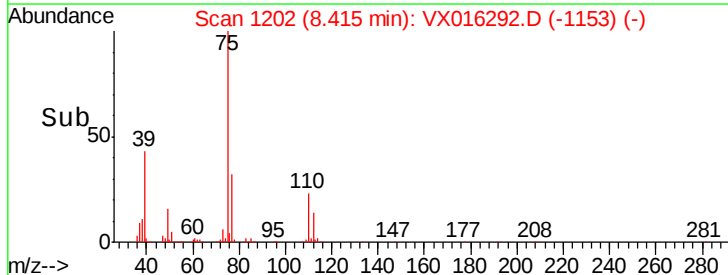
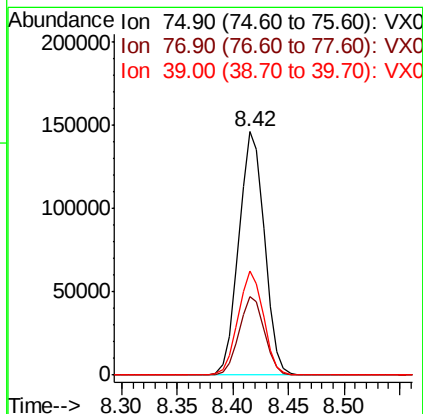
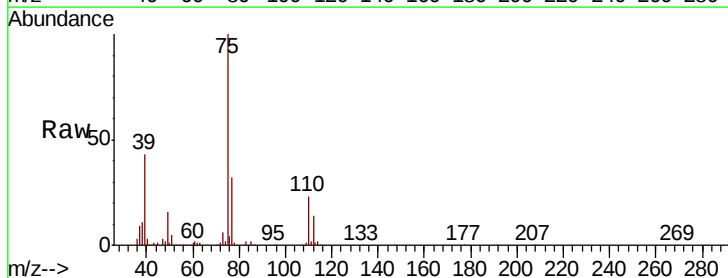
Tgt Ion: 75 Resp: 233329

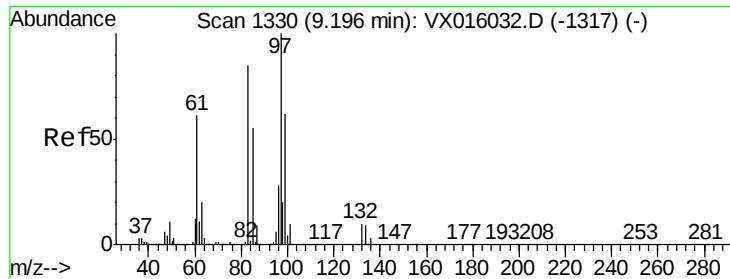
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 42.5 38.7 58.1





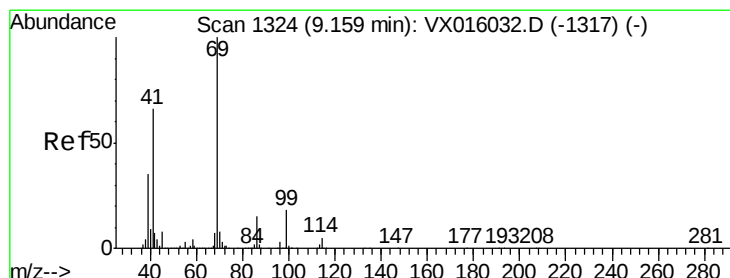
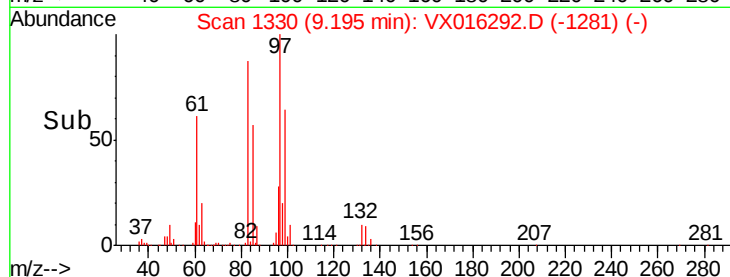
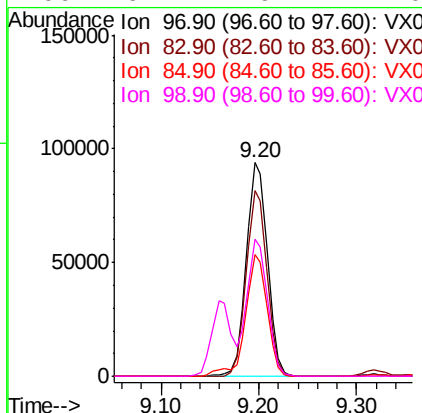
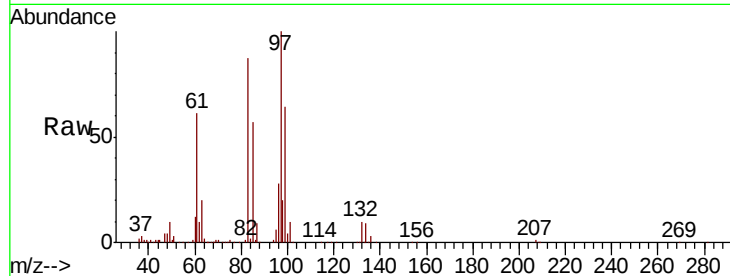
#55
 1,1,2-Trichloroethane
 Concen: 49.445 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
97	100	141787		
83	86.8	67.8	101.8	
85	56.8	43.8	65.8	
99	64.1	49.4	74.0	

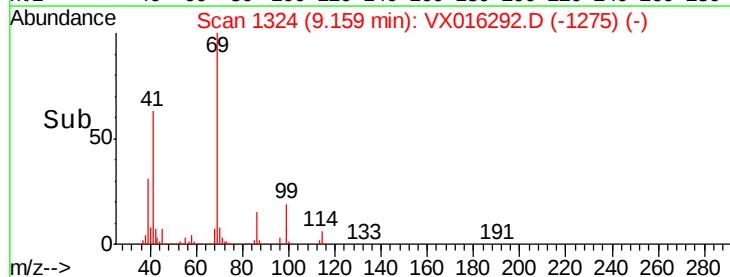
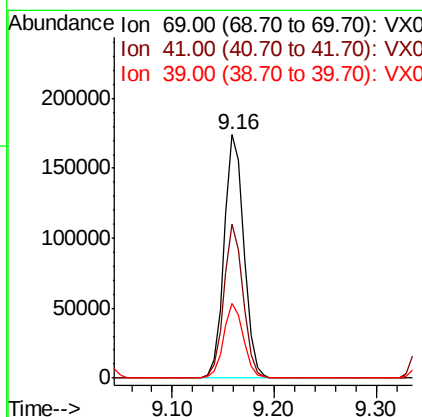
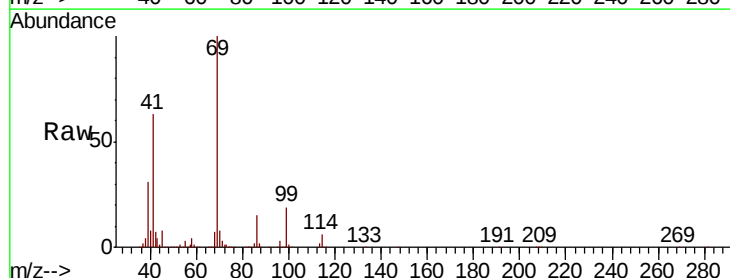
Manual Integrations
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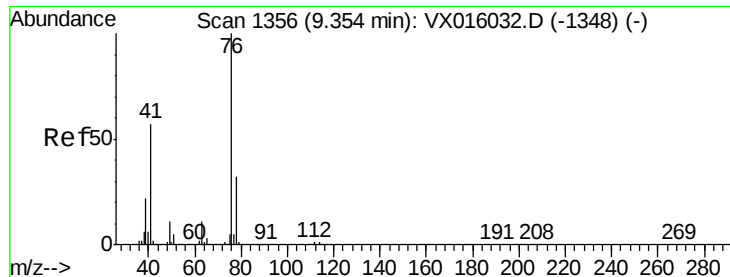
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#56
 Ethyl methacrylate
 Concen: 49.981 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	233953		
41	61.5	52.2	78.4	
39	30.6	28.2	42.4	





#57

1,3-Dichloropropane

Concen: 48.757 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 76 Resp: 243964

Ion Ratio Lower Upper

76 100

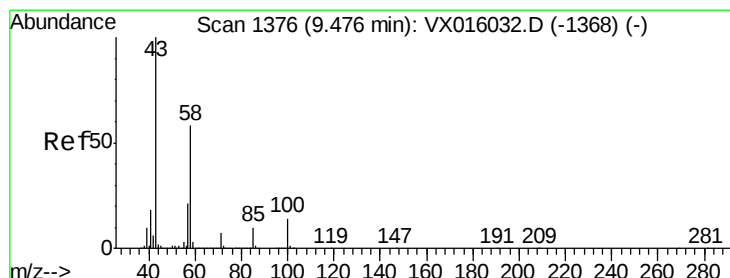
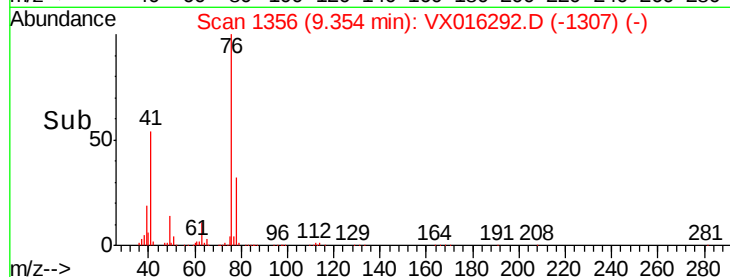
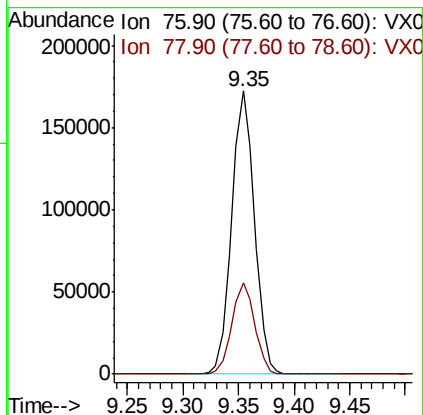
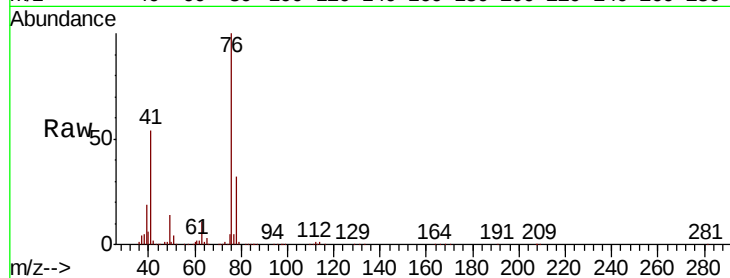
78 32.3 25.9 38.9

Manual Integrations

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#59

2-Hexanone

Concen: 248.384 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016292.D

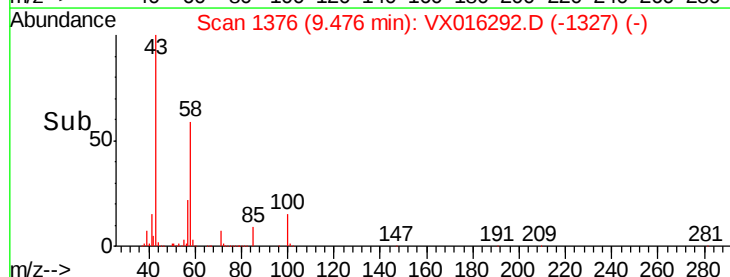
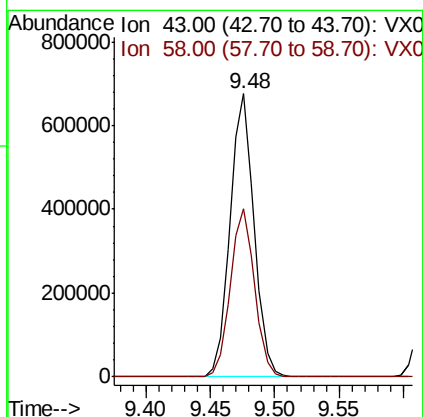
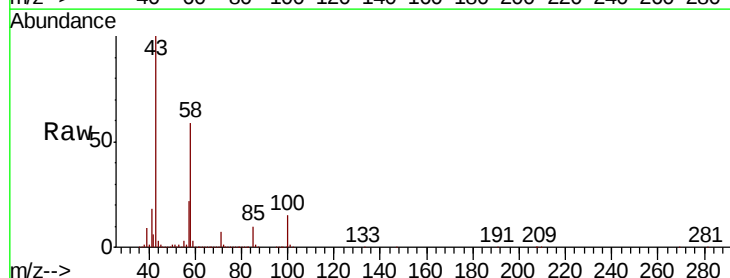
Acq: 15 May 2020 19:36

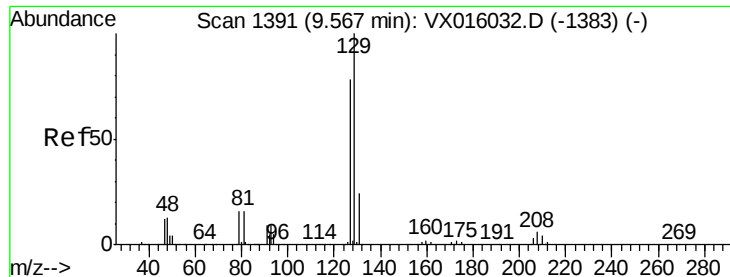
Tgt Ion: 43 Resp: 882168

Ion Ratio Lower Upper

43 100

58 60.1 28.6 85.9





#60

Dibromochloromethane

Concen: 50.117 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion:129 Resp: 158280

Ion Ratio Lower Upper

129 100

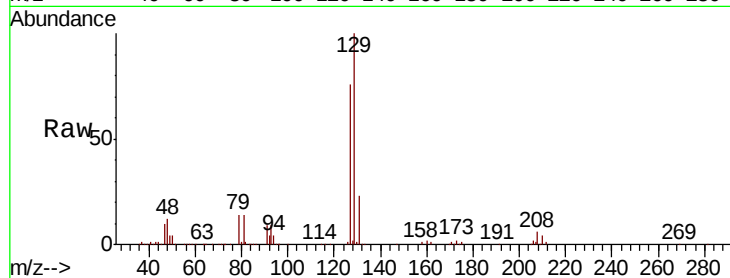
127 78.1 38.4 115.2

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

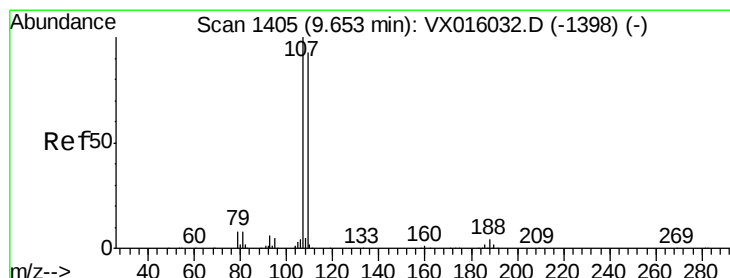
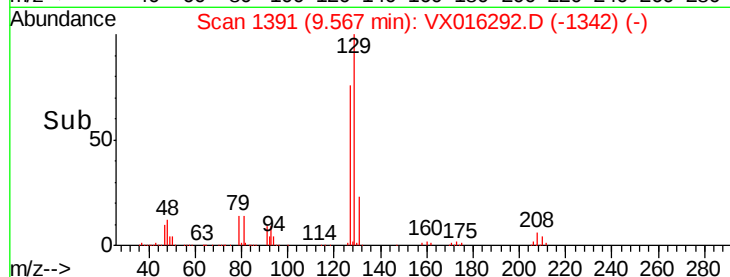
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 48.629 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016292.D

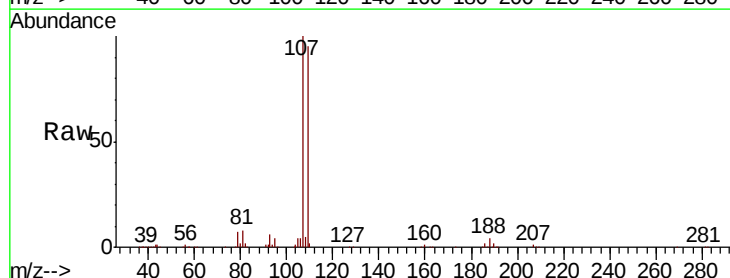
Acq: 15 May 2020 19:36

Tgt Ion:107 Resp: 151048

Ion Ratio Lower Upper

107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

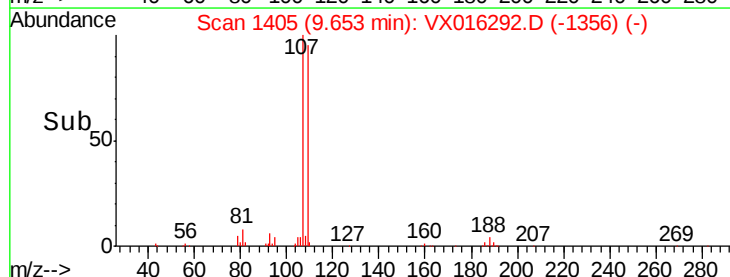
60000

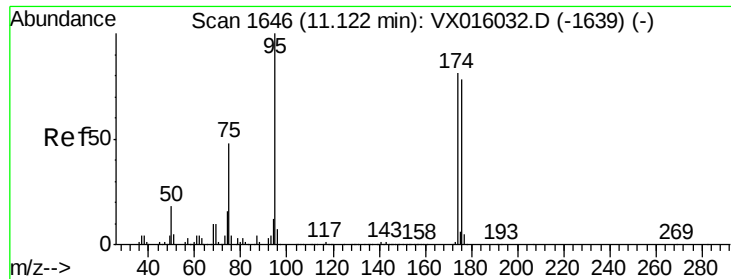
40000

20000

0

Time-->





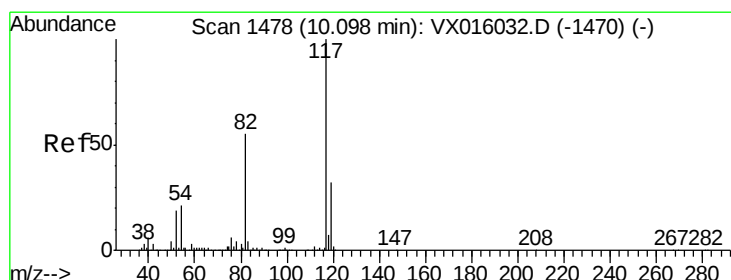
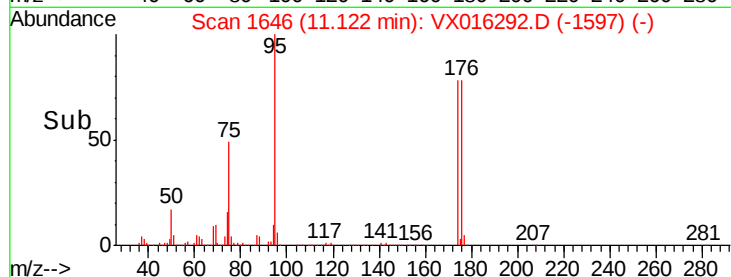
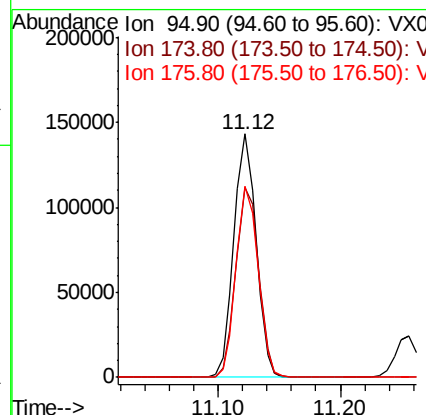
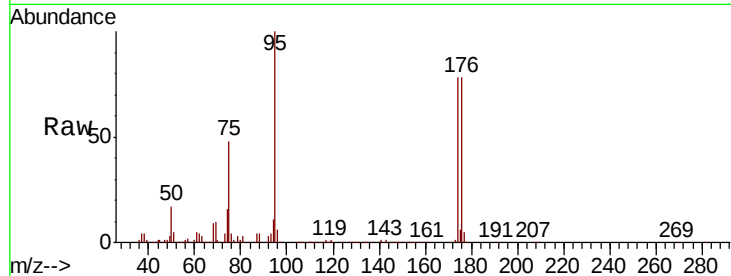
#62
4-Bromofluorobenzene
Concen: 47.645 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	179599		
174	80.1	0.0	159.4	
176	78.3	0.0	157.6	

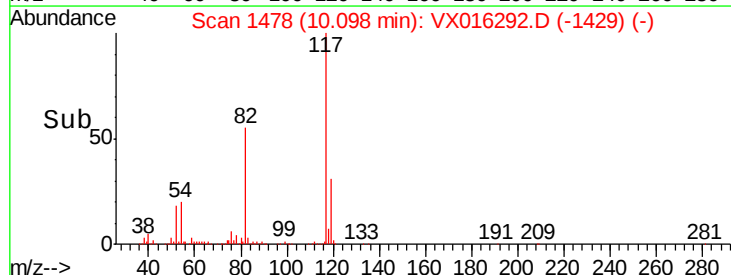
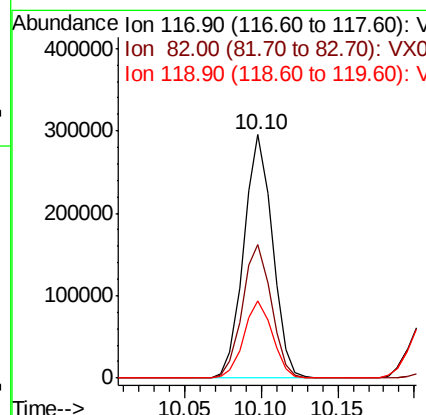
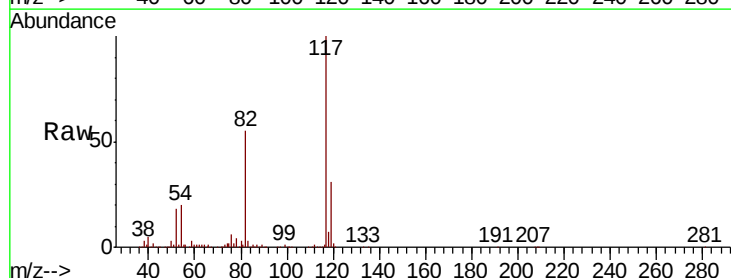
Manual Integrations
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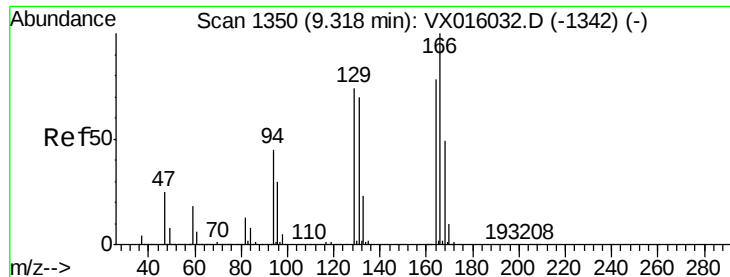
MMDadoda
5/18/2020 12:52:49 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	383405		
82	54.8	44.4	66.6	
119	31.5	25.5	38.3	





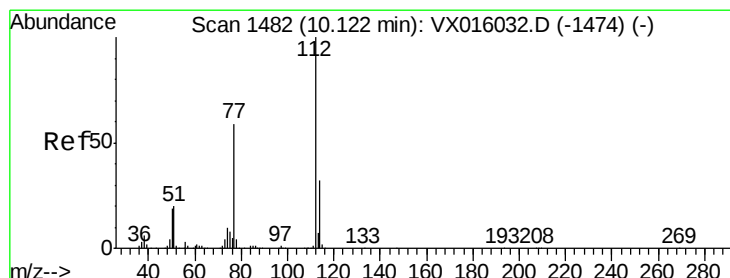
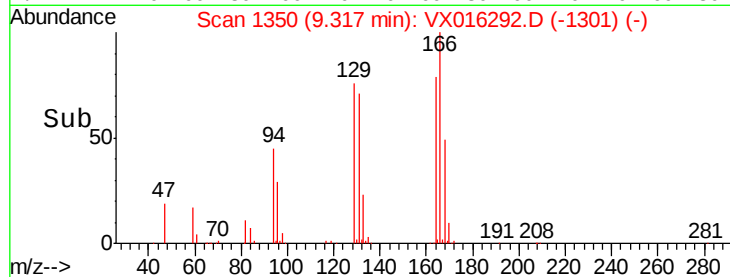
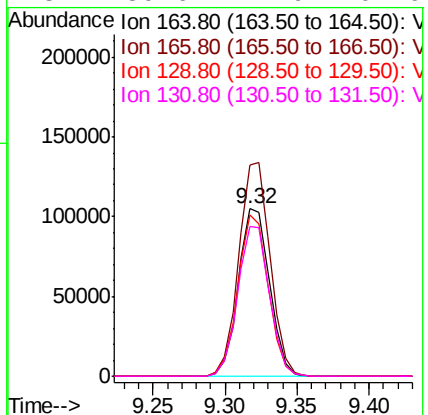
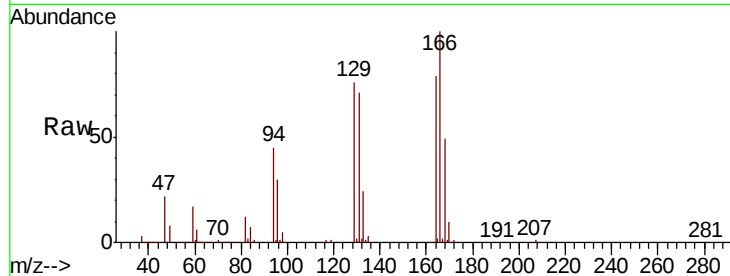
#64
Tetrachloroethene
Concen: 33.558 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.9	154.3
129	96.2	76.1	114.1
131	89.6	71.9	107.9

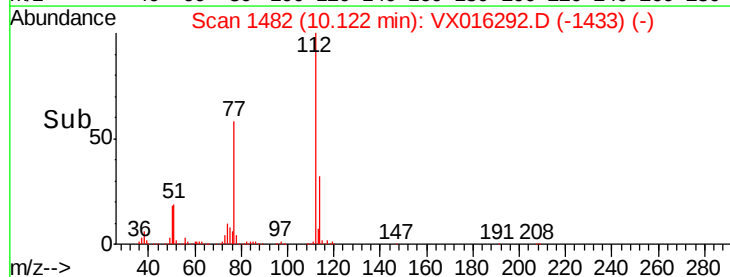
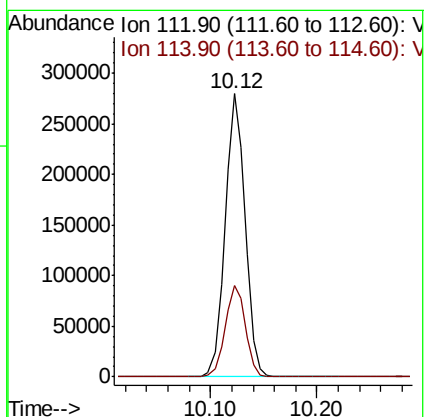
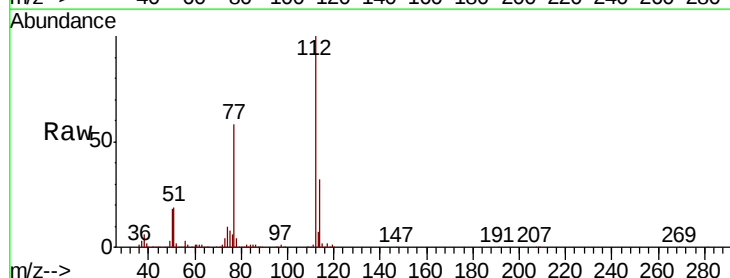
Manual Integrations
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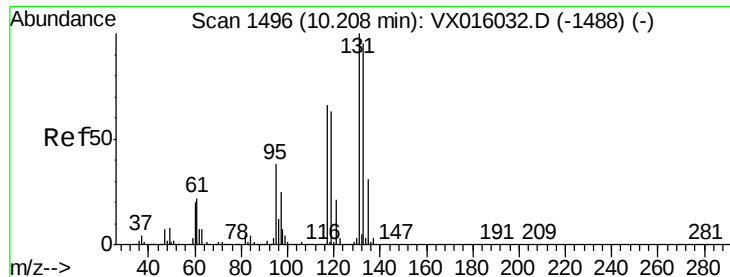
MMDadoda
5/18/2020 12:52:49 PM



#65
Chlorobenzene
Concen: 45.655 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 47.644 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

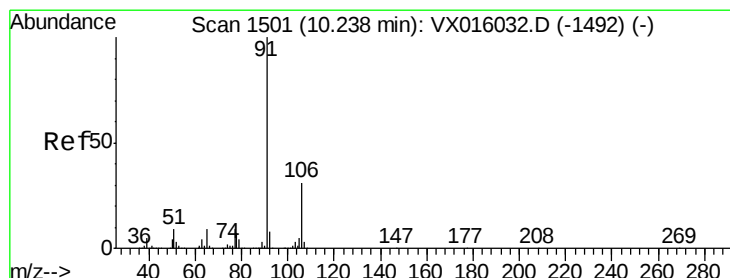
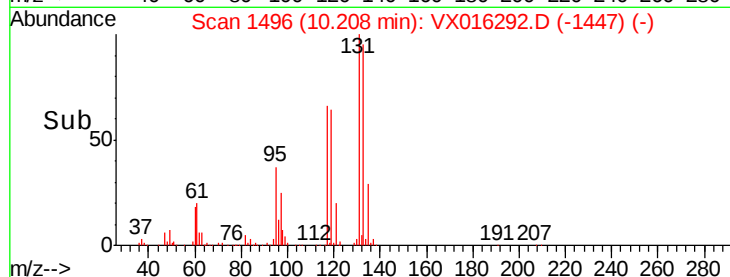
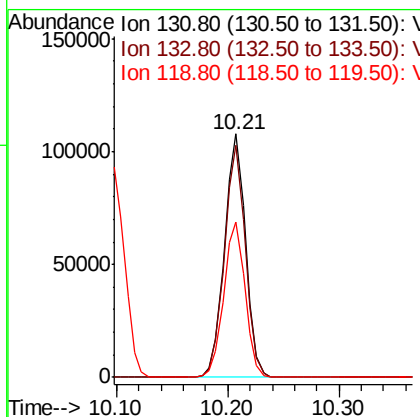
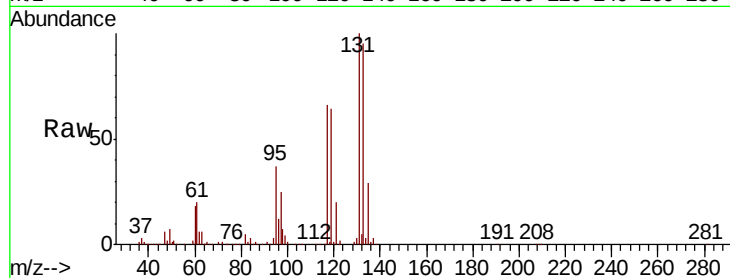
ClientSampleId :

S32-0685MS

Tot Ion:	131	Resp:	141373
Ion Ratio	Lower	Upper	
131	100		
133	94.7	48.3	144.8
119	64.0	32.3	96.9

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#67

Ethyl Benzene

Concen: 45.120 ug/l

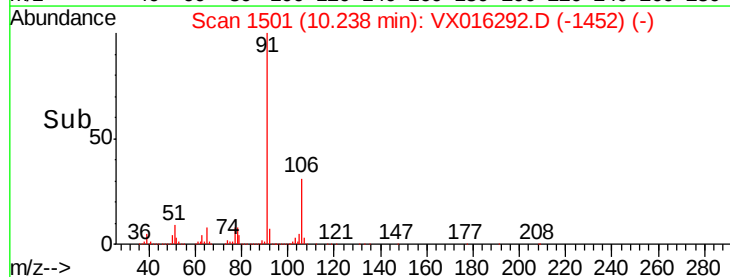
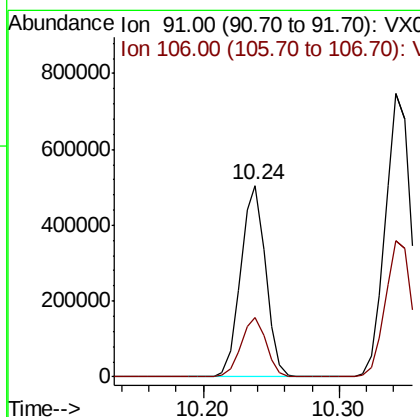
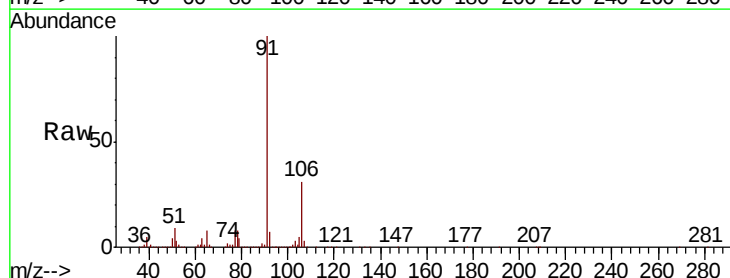
RT: 10.24 min Scan# 1501

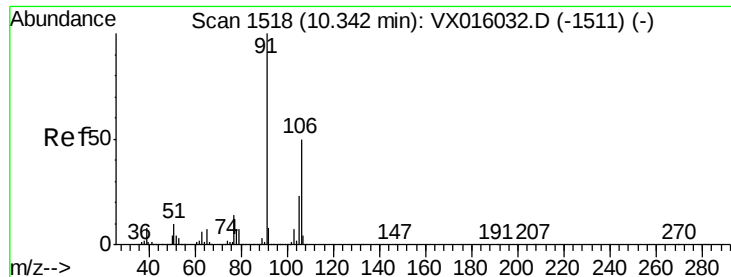
Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Tgt Ion:	91	Resp:	646302
Ion Ratio	Lower	Upper	
91	100		
106	30.9	25.1	37.7





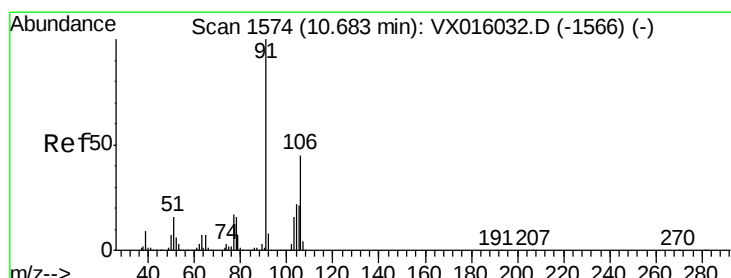
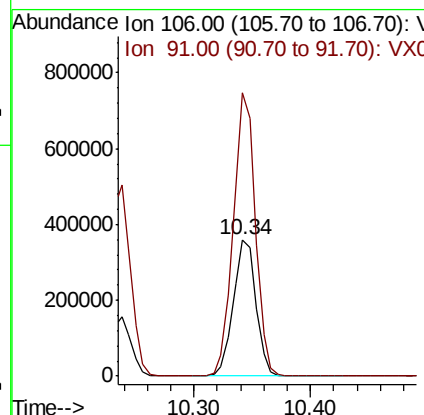
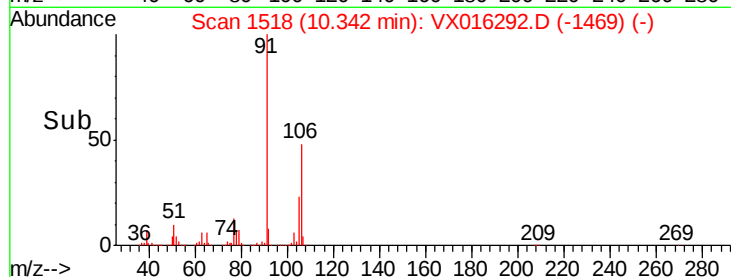
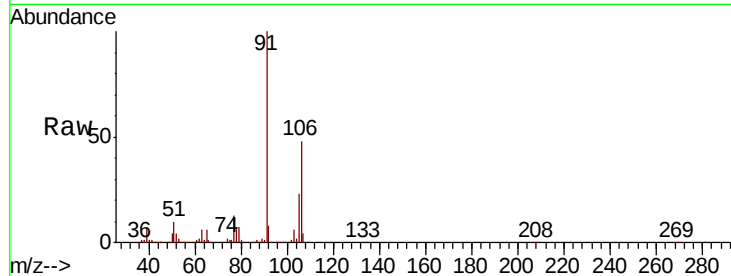
#68
m/p-Xvlenes
Concen: 90.582 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampled :
S32-0685MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		486125		
91	203.3	161.7	242.5		

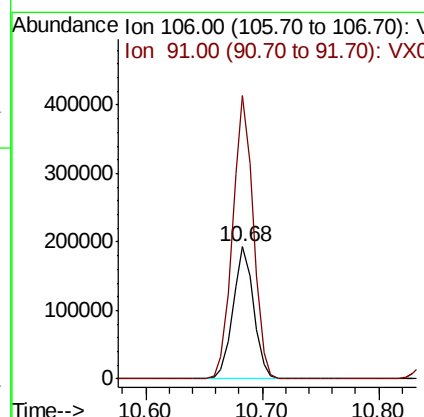
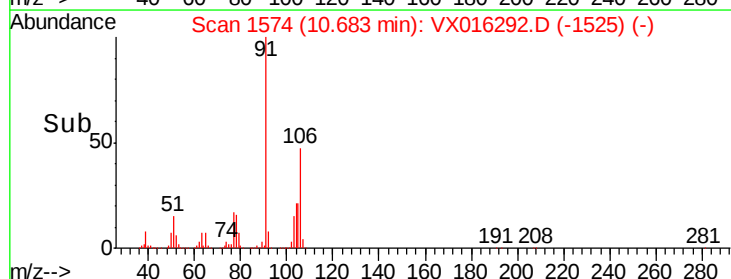
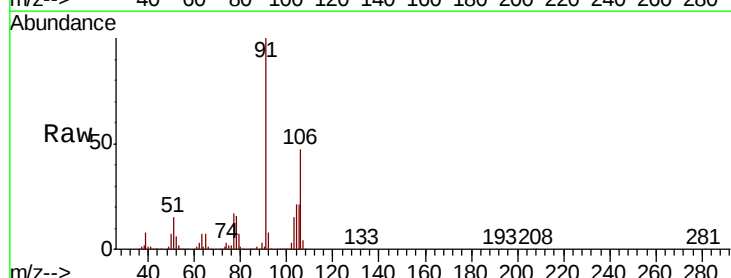
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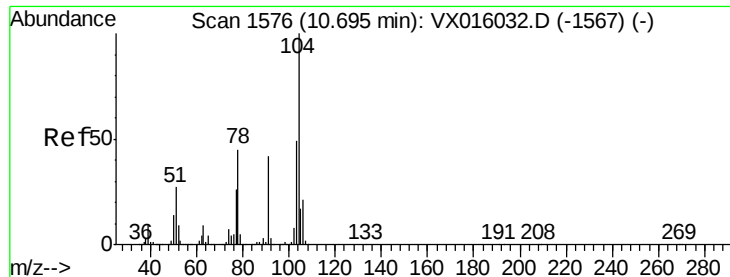
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#69
o-Xylene
Concen: 45.967 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		237130		
91	214.4	107.5	322.6		





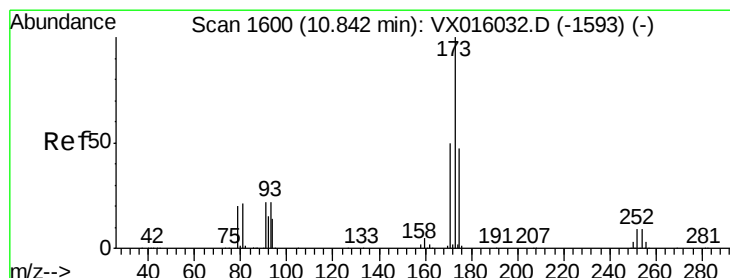
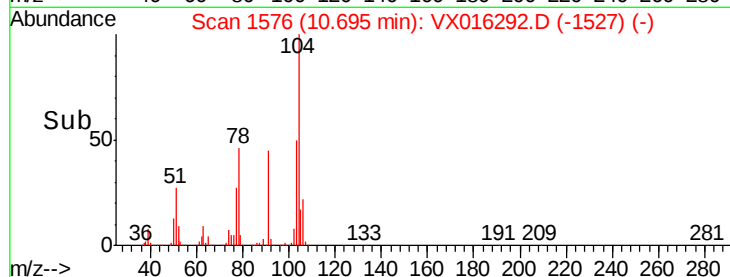
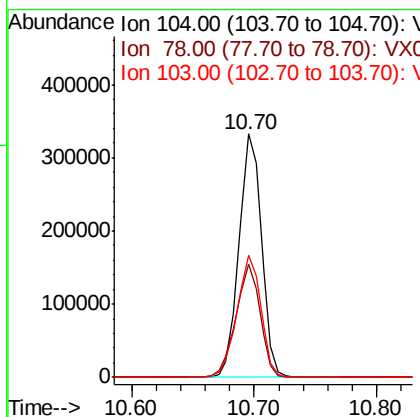
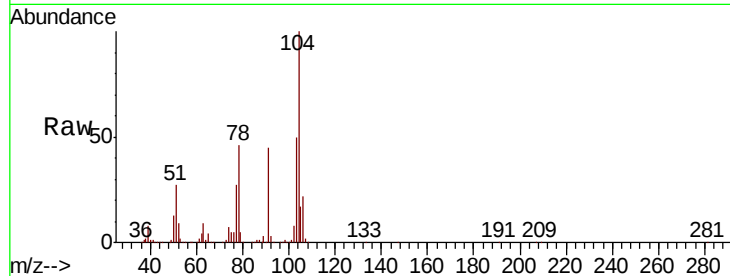
#70
Stvrene
Concen: 48.233 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	422126		
78	49.7		40.2	60.2
103	53.6		43.0	64.6

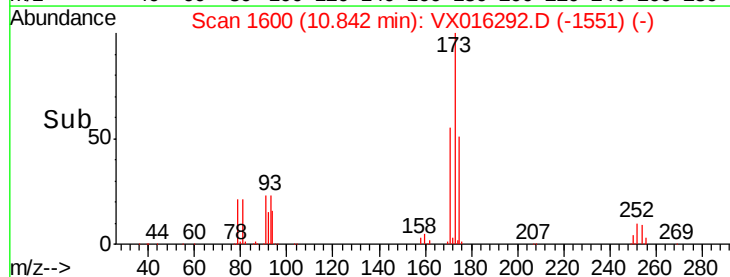
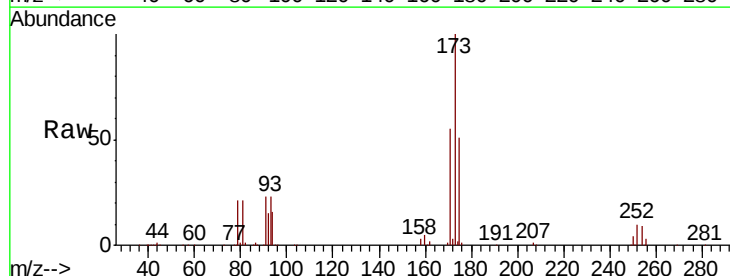
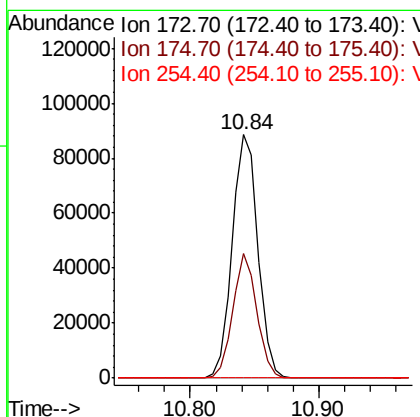
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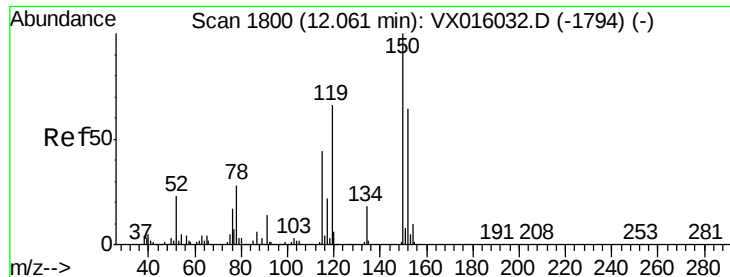
MMDadoda
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#71
Bromoform
Concen: 50.853 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	122937		
175	48.1		24.0	72.0
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion:152 Resp: 182682

Ion Ratio Lower Upper

152 100

115 78.7 41.3 124.1

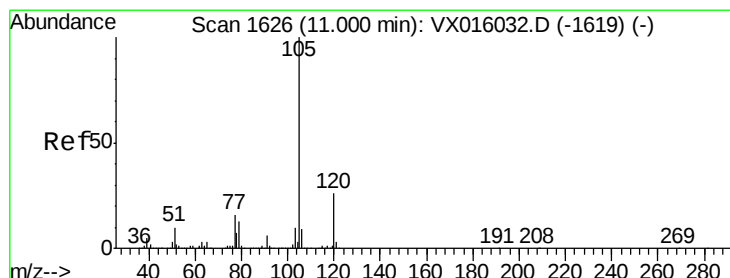
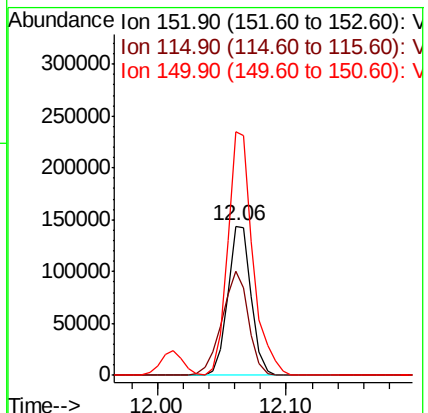
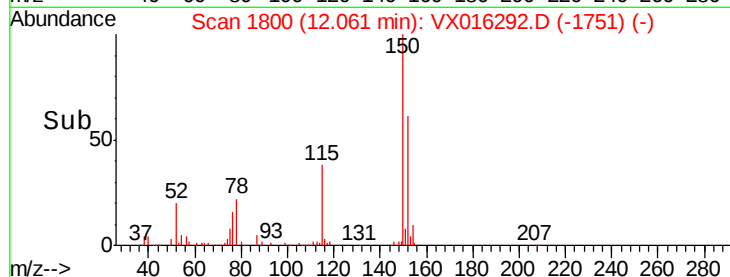
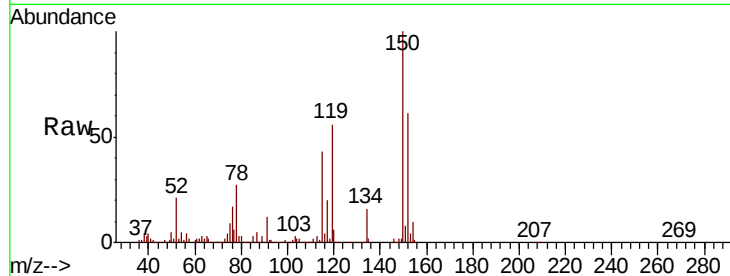
150 174.7 0.0 352.2

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#73

Isopropylbenzene

Concen: 45.198 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016292.D

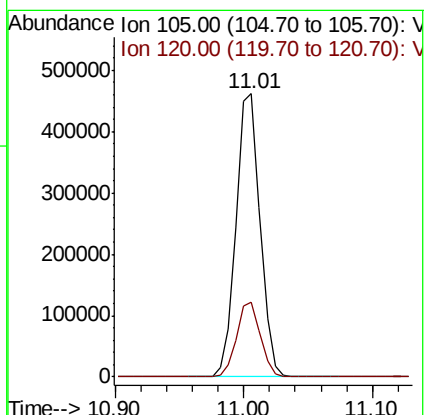
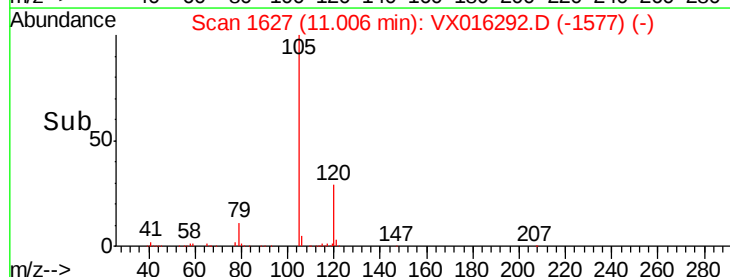
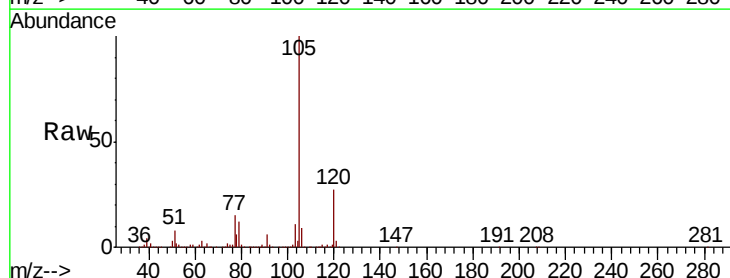
Acq: 15 May 2020 19:36

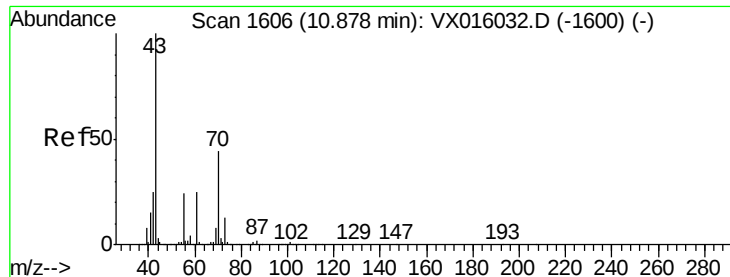
Tgt Ion:105 Resp: 600563

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2





#74

N-amvl acetate

Concen: 45.923 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

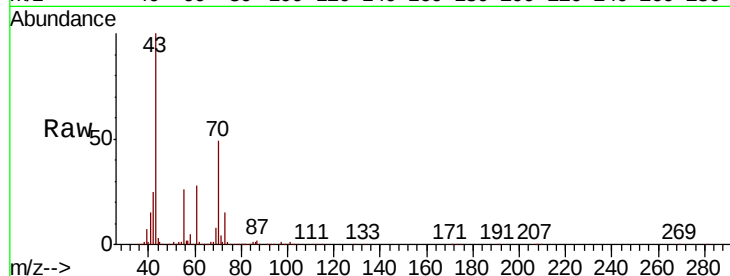
ClientSampleId :

S32-0685MS

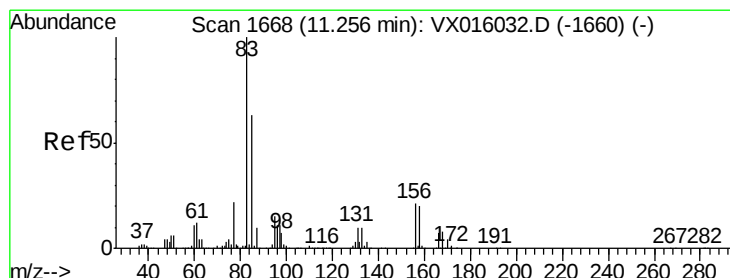
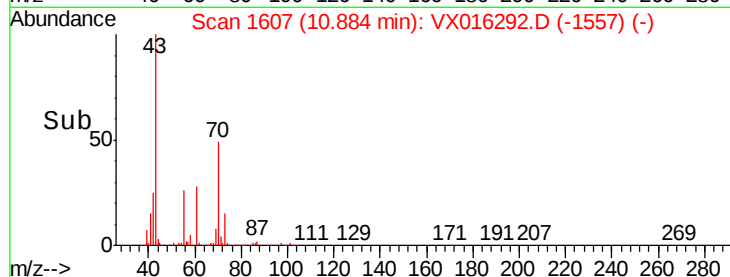
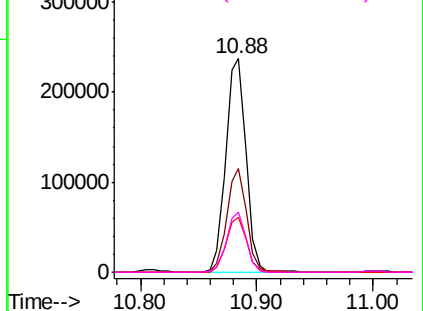
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	47.2	36.5	54.7	
55	26.1	19.7	29.5	
61	27.0	20.9	31.3	

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 72.013 ug/l

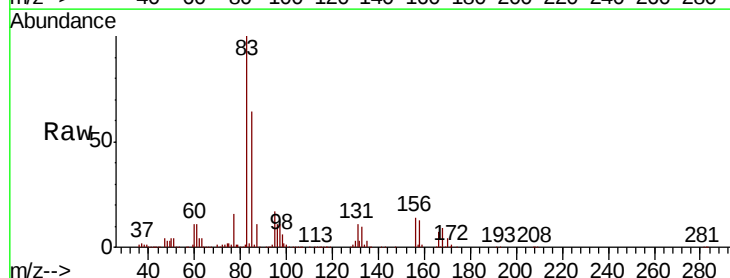
RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

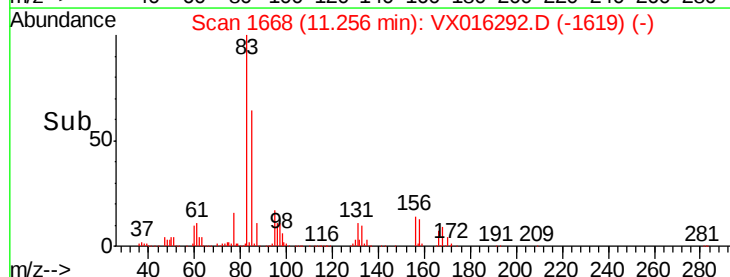
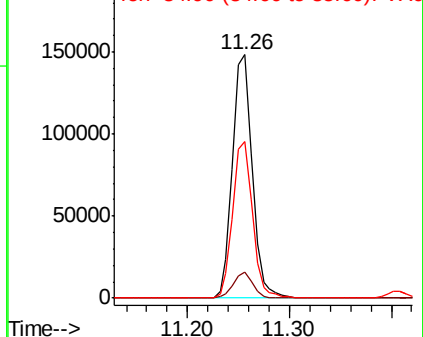
Lab File: VX016292.D

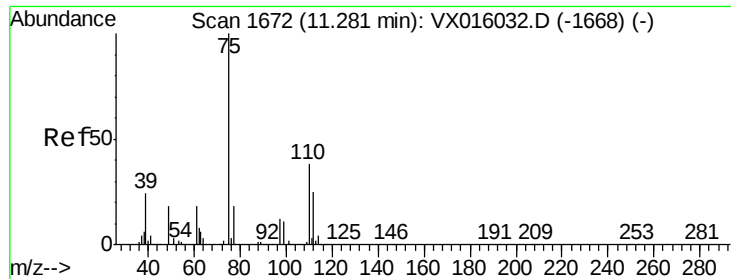
Acq: 15 May 2020 19:36

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.4	5.1	15.4	
85	64.3	32.0	96.0	



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





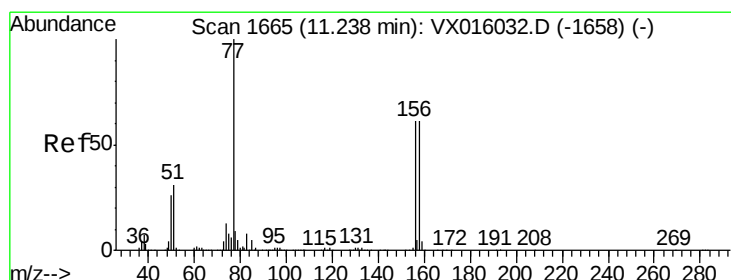
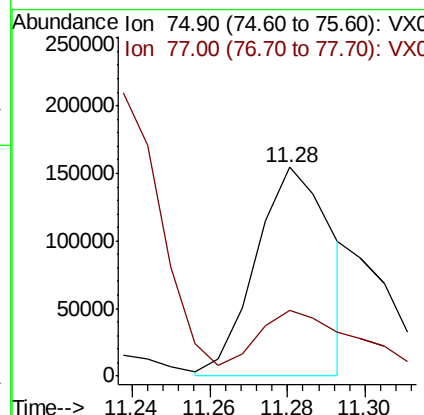
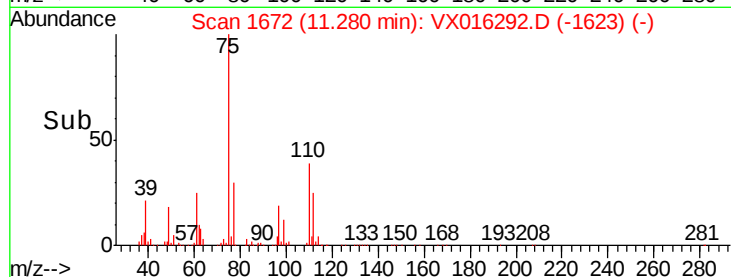
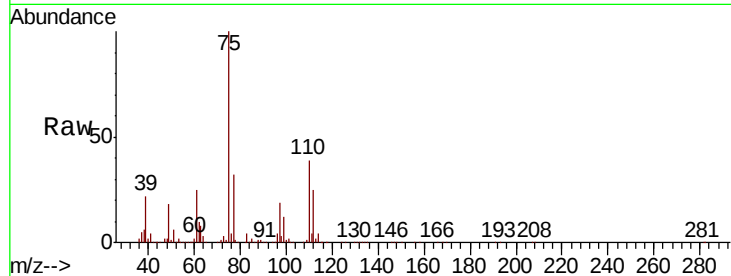
#76
1,2,3-Trichloropropane
Concen: 50.100 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion: 75 Resp: 207688
Ion Ratio Lower Upper
75 100
77 42.6 21.2 63.6

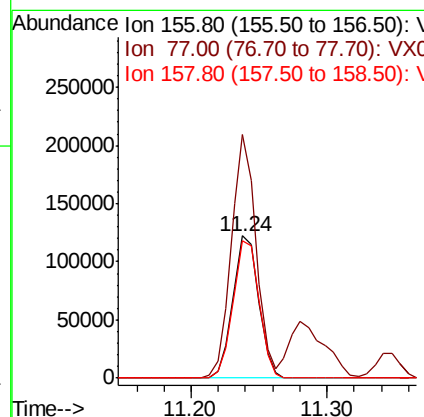
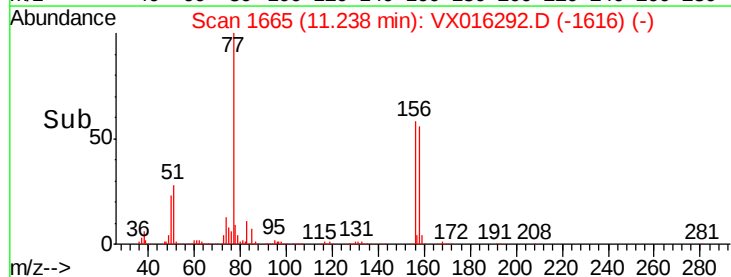
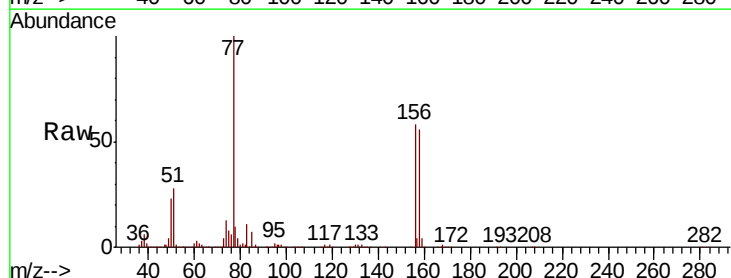
Manual Integrations
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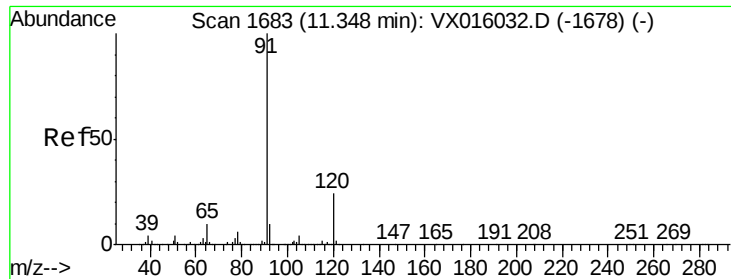
MMDadoda
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#77
Bromobenzene
Concen: 46.975 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion: 156 Resp: 161109
Ion Ratio Lower Upper
156 100
77 163.6 80.1 240.3
158 97.3 49.4 148.2





#78

n-propylbenzene

Concen: 43.678 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampled :

S32-0685MS

Tot Ion: 91 Resp: 675156

Ion Ratio Lower Upper

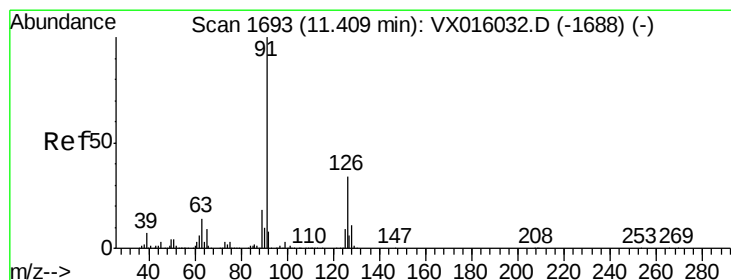
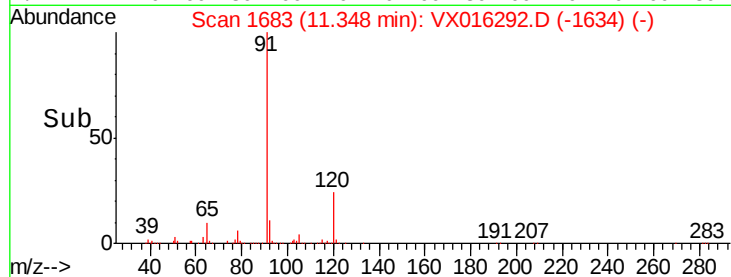
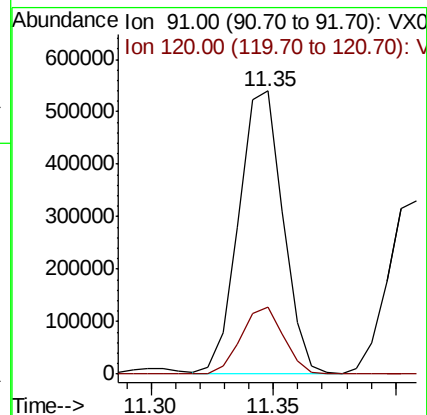
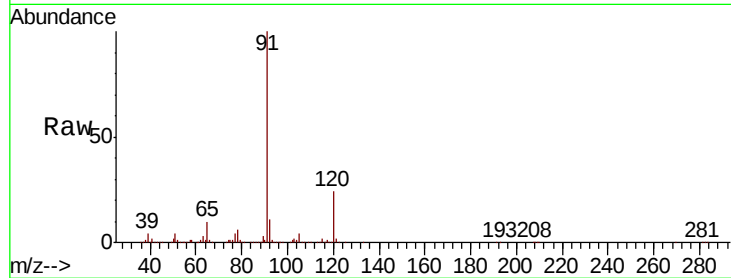
91 100

120 23.2 11.5 34.5

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#79

2-Chlorotoluene

Concen: 46.180 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016292.D

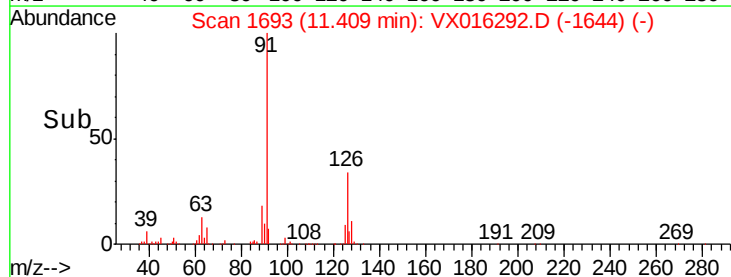
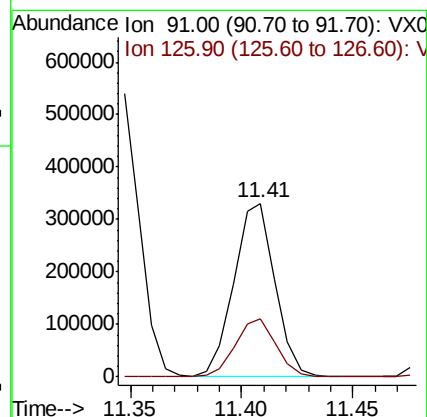
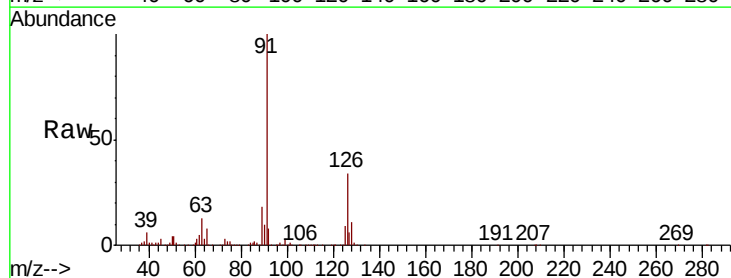
Acq: 15 May 2020 19:36

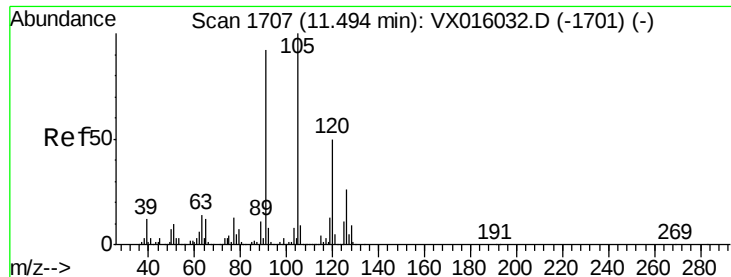
Tgt Ion: 91 Resp: 421354

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6





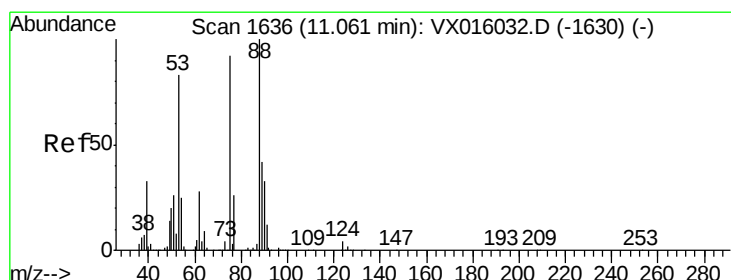
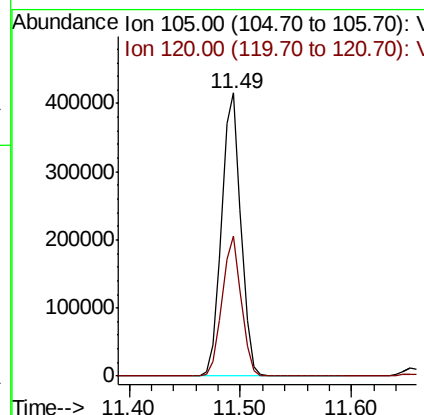
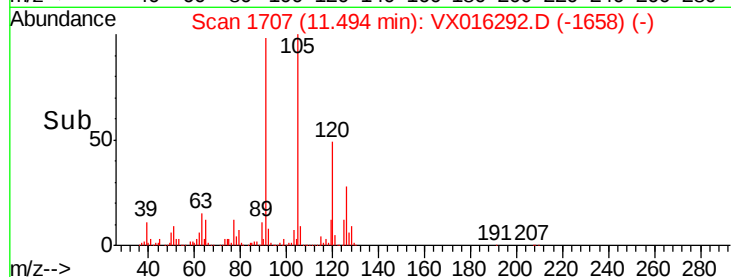
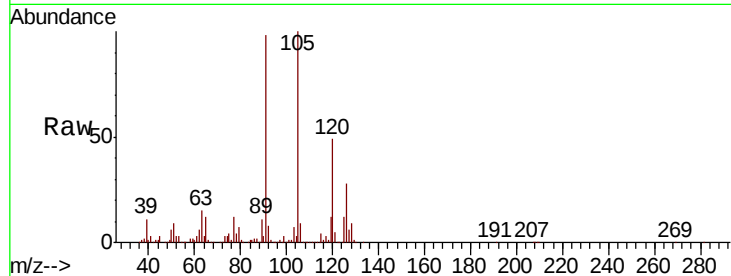
#80
 1,3,5-Trimethylbenzene
 Concen: 44.165 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.6	74.0

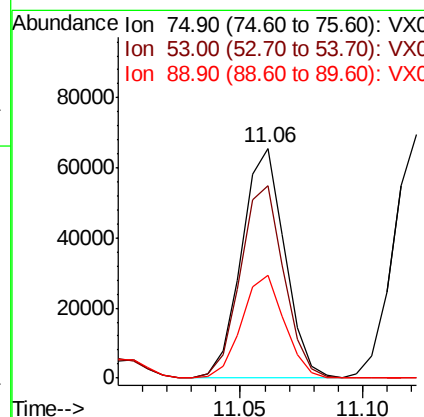
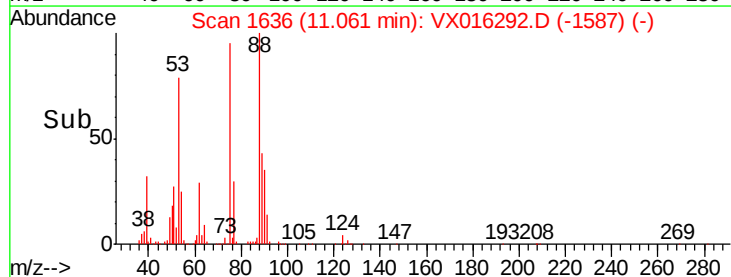
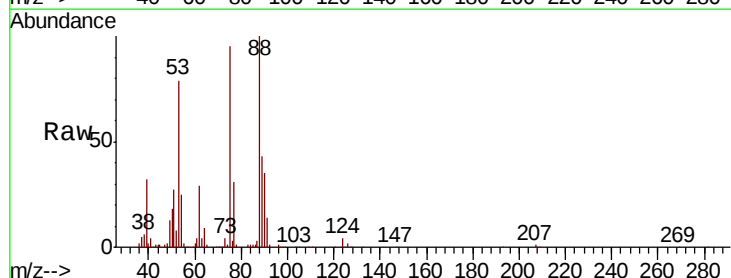
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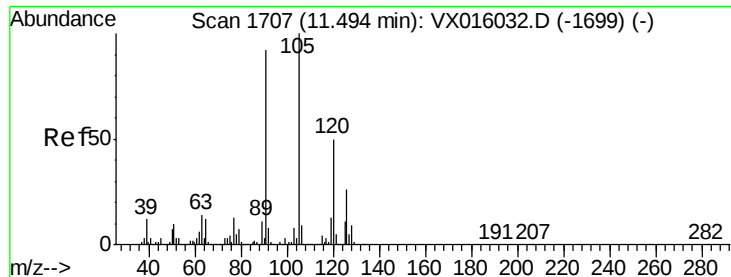
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.837 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.1	73.1	109.7
89	45.0	36.7	55.1





#82

4-Chlorotoluene

Concen: 46.419 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MS

Tot Ion: 91 Resp: 500150

Ion Ratio Lower Upper

91 100

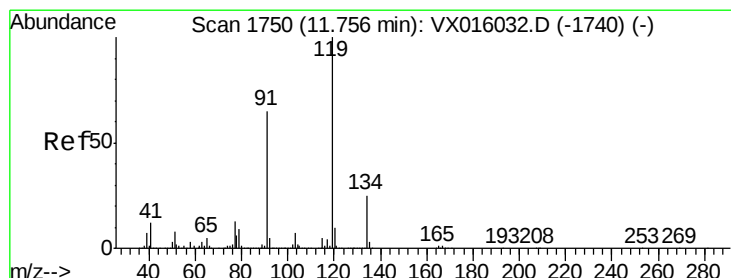
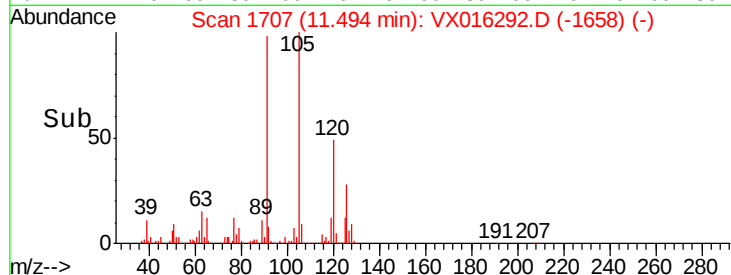
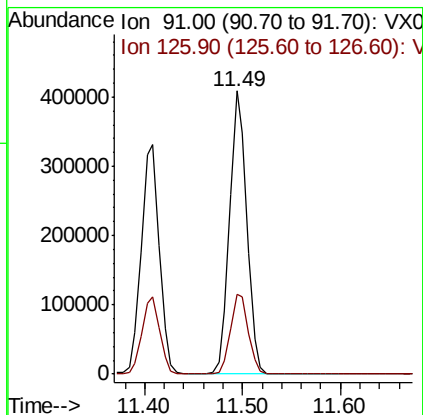
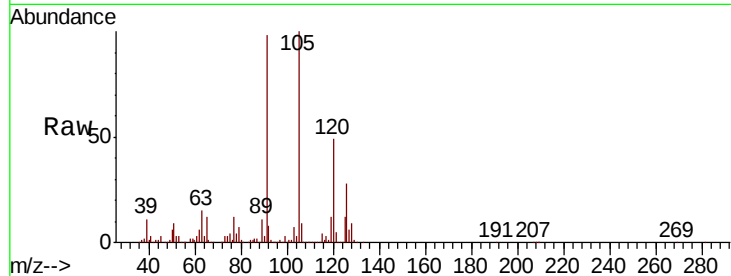
126 29.3 14.8 44.3

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#83

tert-Butylbenzene

Concen: 44.793 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

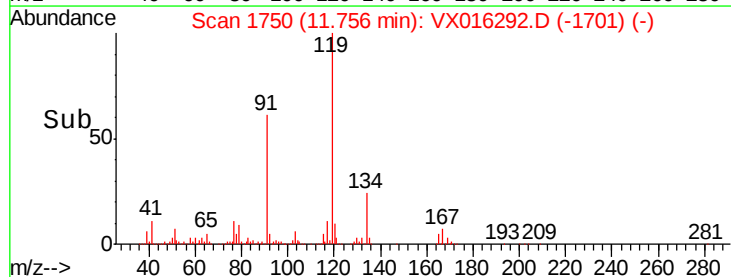
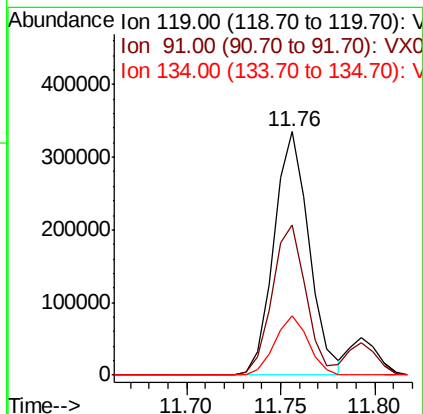
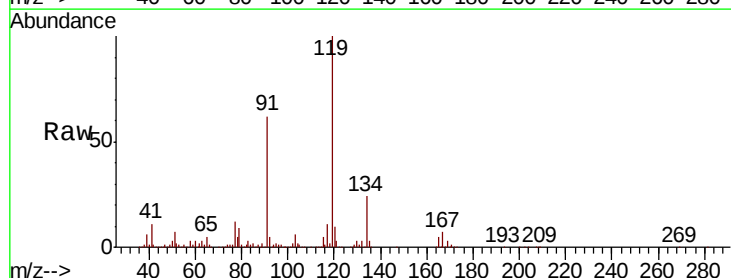
Tgt Ion: 119 Resp: 433074

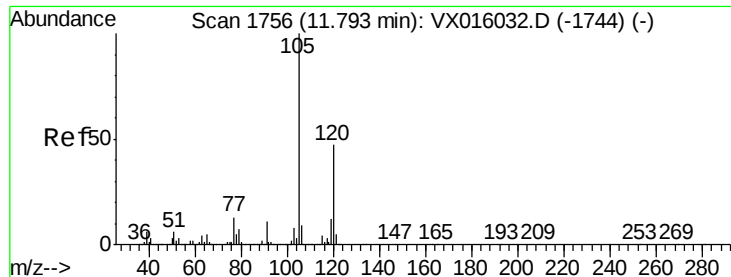
Ion Ratio Lower Upper

119 100

91 59.3 32.8 98.4

134 23.5 12.4 37.0





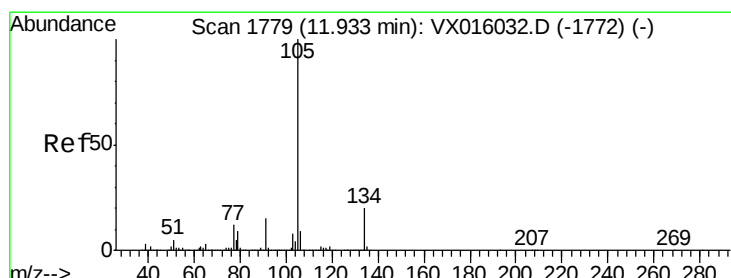
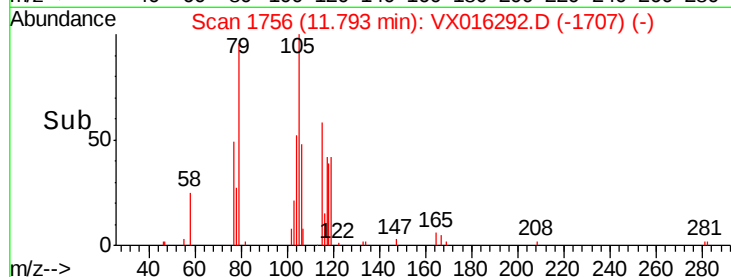
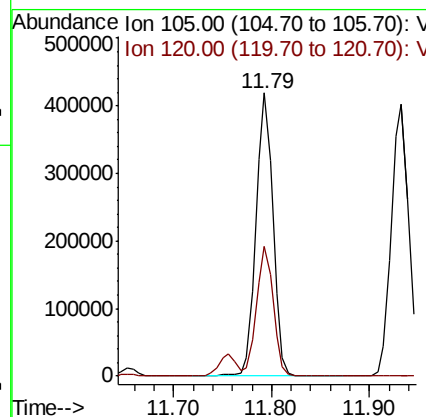
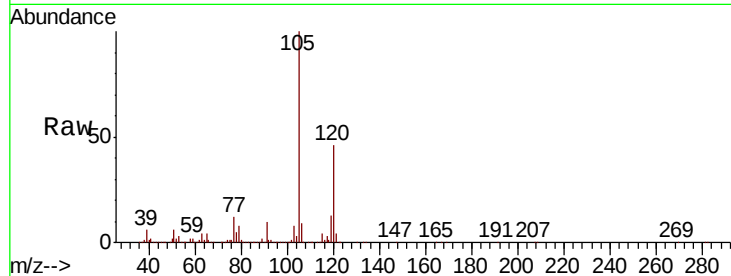
#84
 1,2,4-Trimethylbenzene
 Concen: 44.465 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0

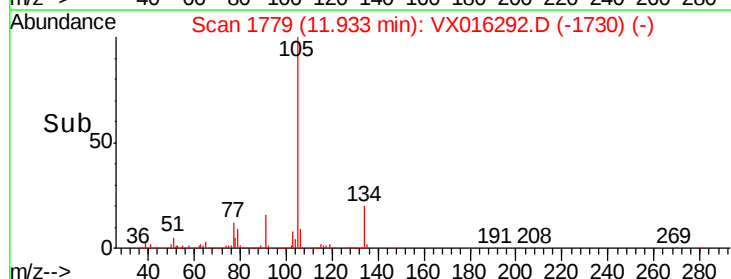
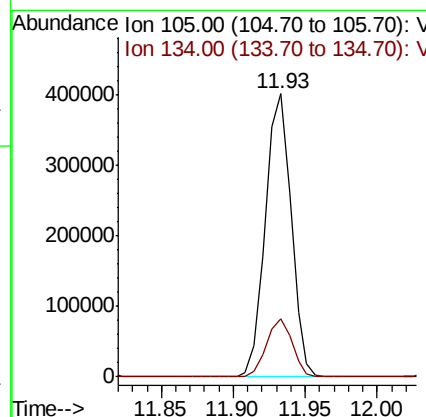
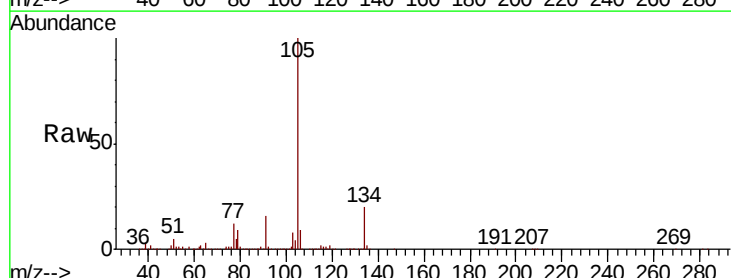
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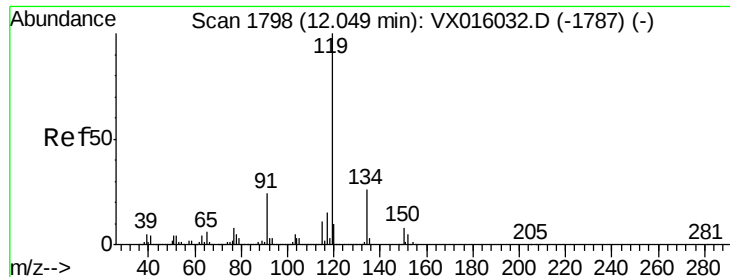
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#85
 sec-Butylbenzene
 Concen: 37.916 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.1	30.3





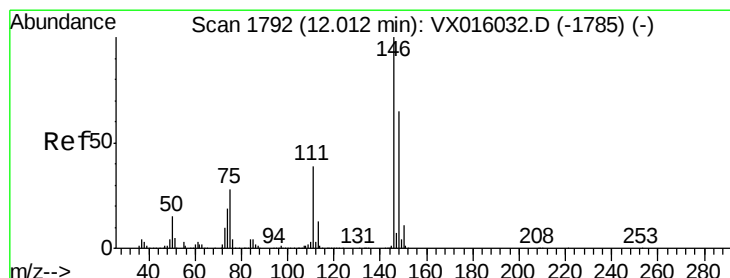
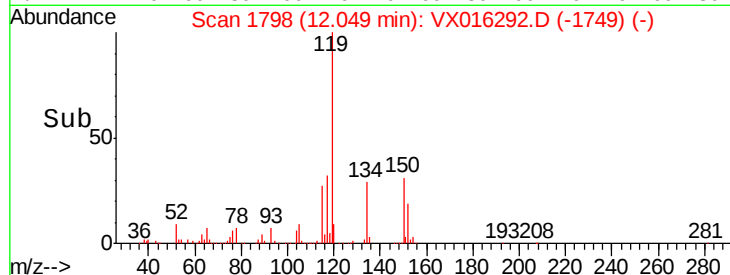
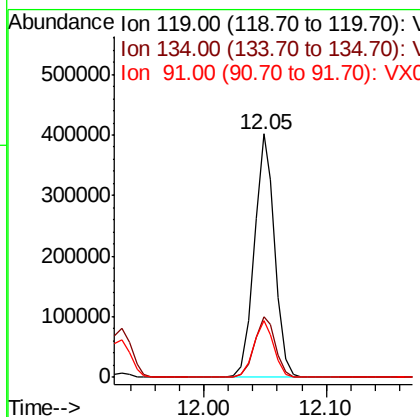
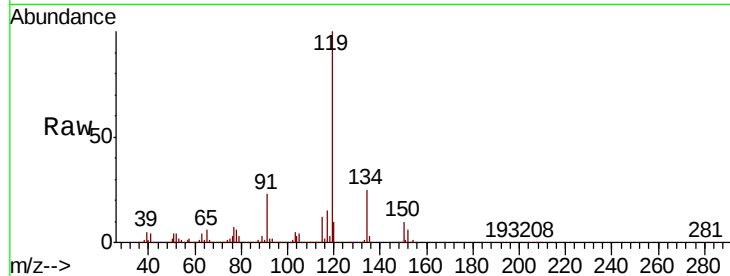
#86
p-Isopropyltoluene
Concen: 38.415 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	465588		
134	25.7	13.1	39.3	
91	23.1	11.8	35.4	

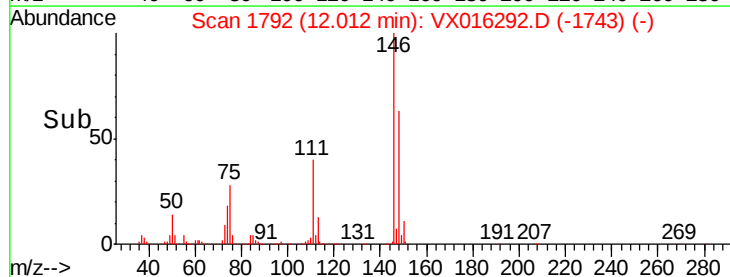
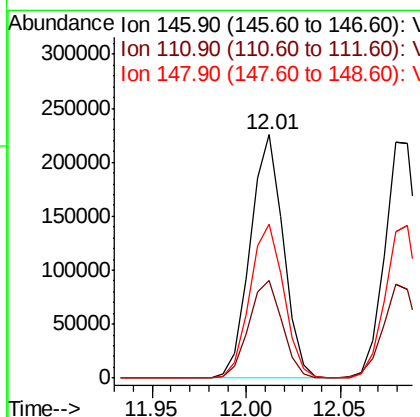
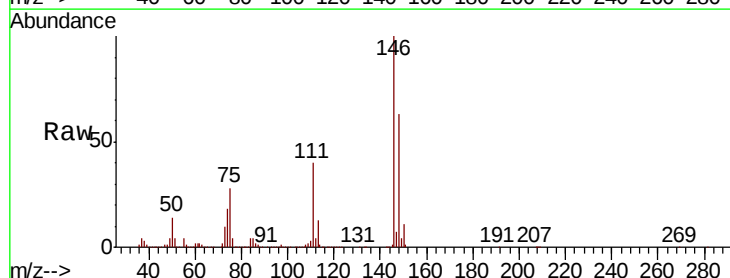
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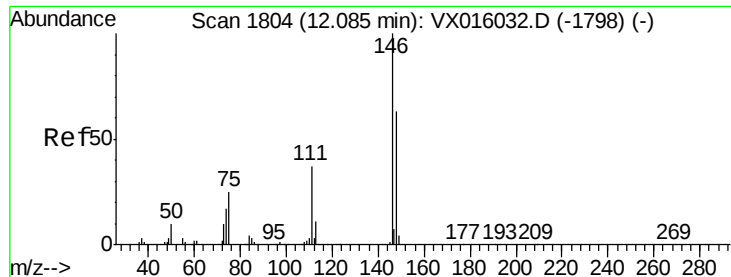
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#87
1,3-Dichlorobenzene
Concen: 44.502 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274045		
111	40.9	20.2	60.6	
148	64.8	32.1	96.3	





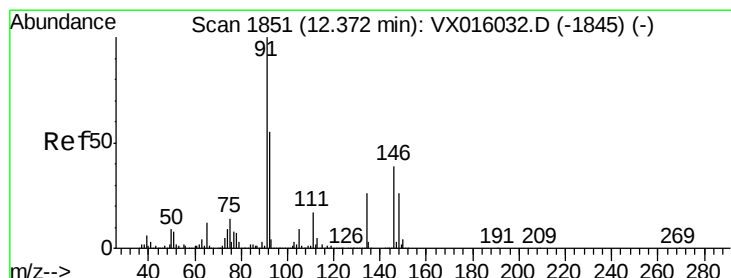
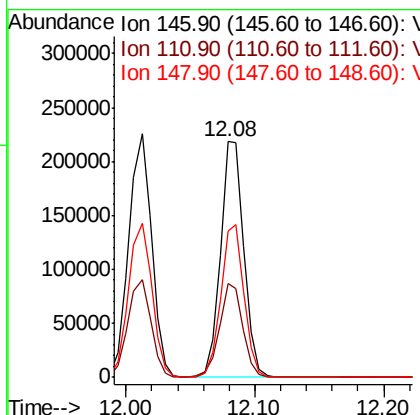
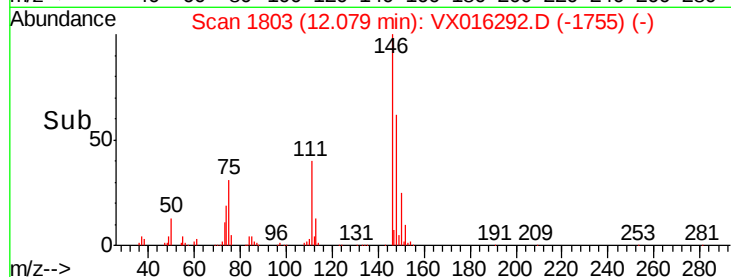
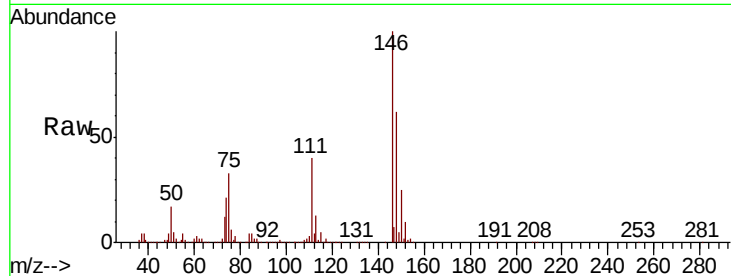
#88
 1,4-Dichlorobenzene
 Concen: 44.755 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion:	146	Resp:	279730
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.6	58.7
148	64.0	31.8	95.3

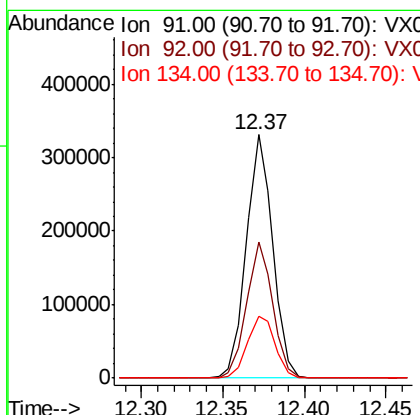
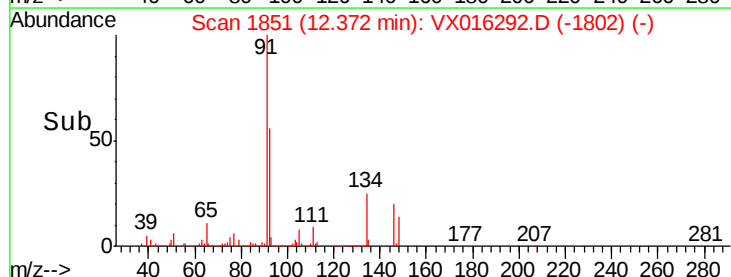
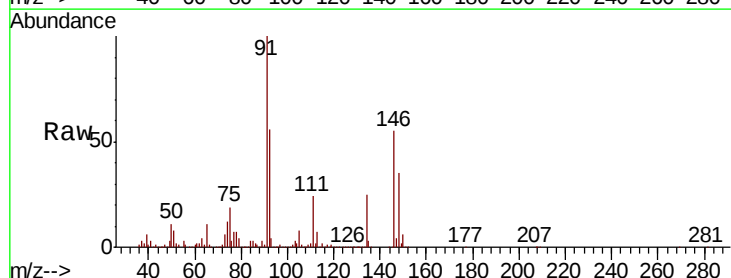
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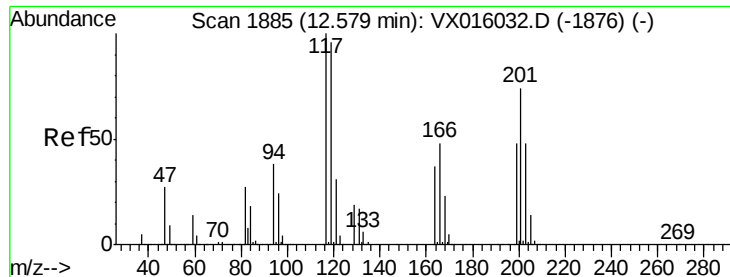
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#89
 n-Butylbenzene
 Concen: 33.844 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Tgt Ion:	91	Resp:	374728
Ion Ratio	Lower	Upper	
91	100		
92	55.3	27.6	82.7
134	26.9	13.4	40.1





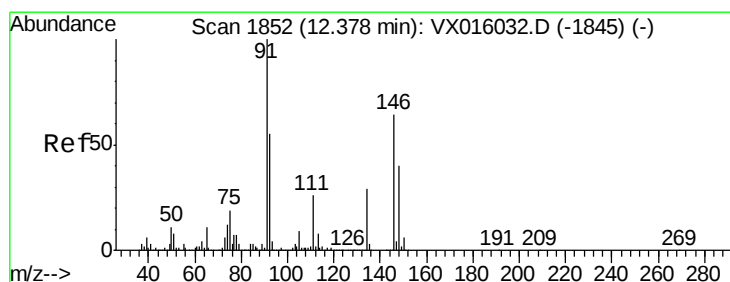
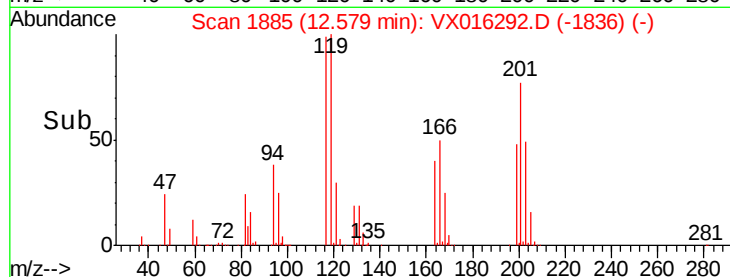
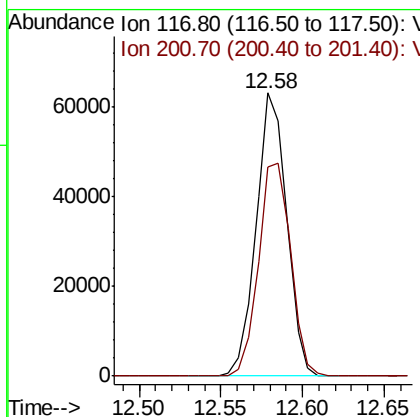
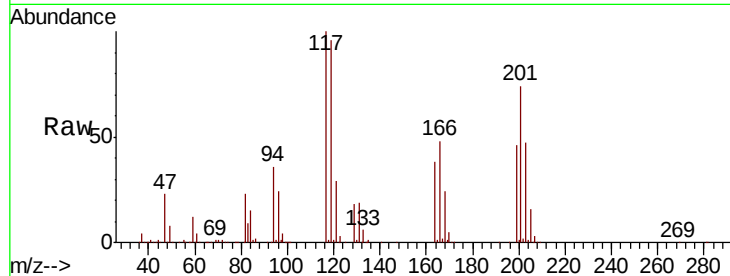
#90
Hexachloroethane
Concen: 39.558 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MS

Tot Ion:117 Resp: 82340
Ion Ratio Lower Upper
117 100
201 79.0 39.8 119.3

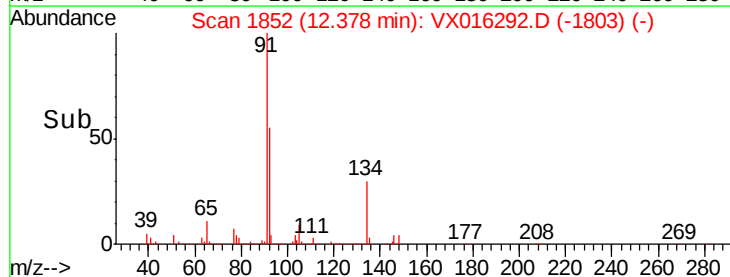
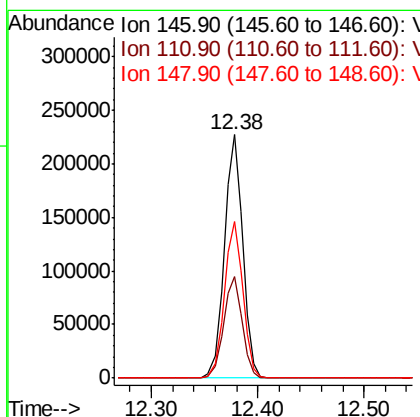
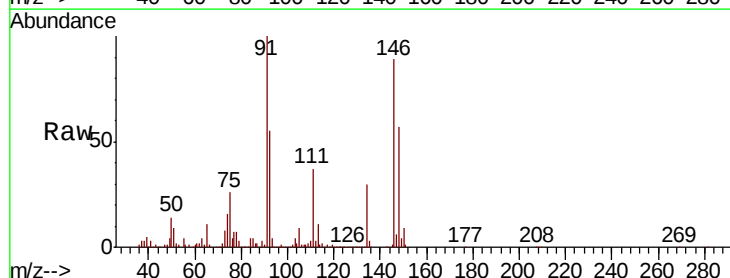
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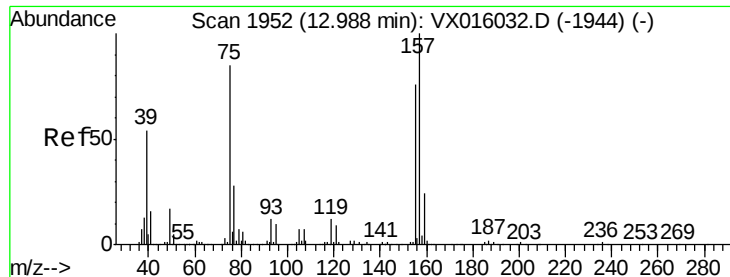
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#91
1,2-Dichlorobenzene
Concen: 45.885 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016292.D
Acq: 15 May 2020 19:36

Tgt Ion:146 Resp: 272078
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.1
148 64.8 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.685 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

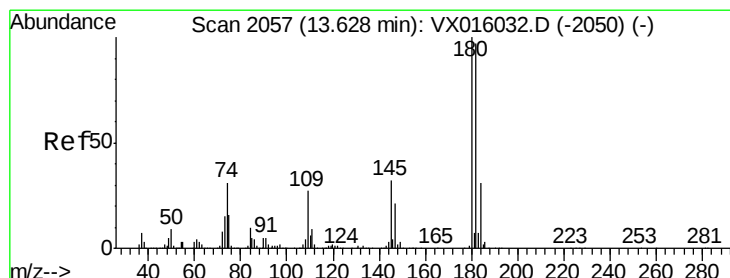
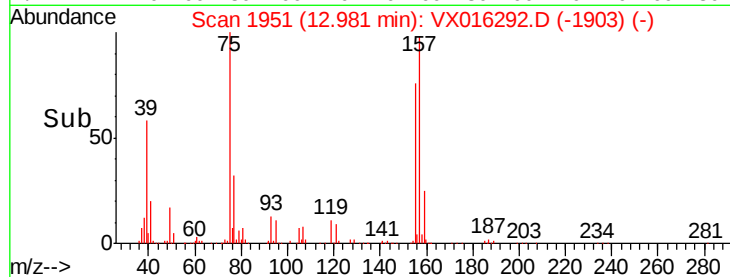
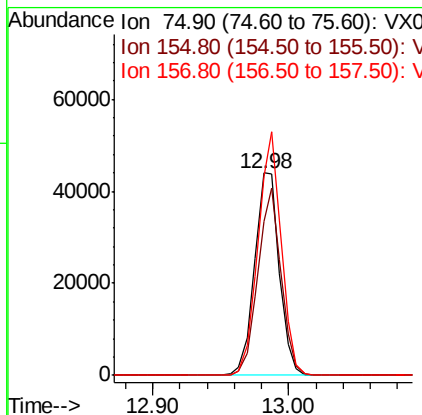
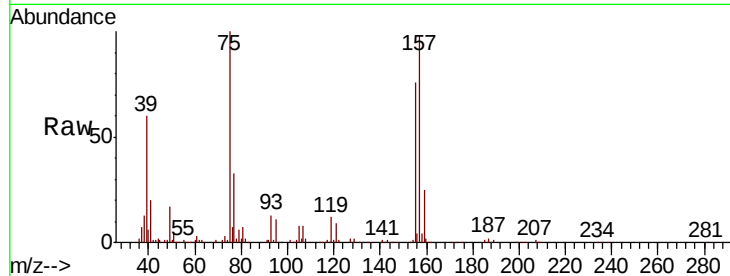
ClientSampled :

S32-0685MS

Tot Ion:	75	Resp:	56469
Ion Ratio	Lower	Upper	
75	100		
155	86.4	42.5	127.5
157	112.3	55.3	165.8

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#93

1,2,4-Trichlorobenzene

Concen: 37.318 ug/l

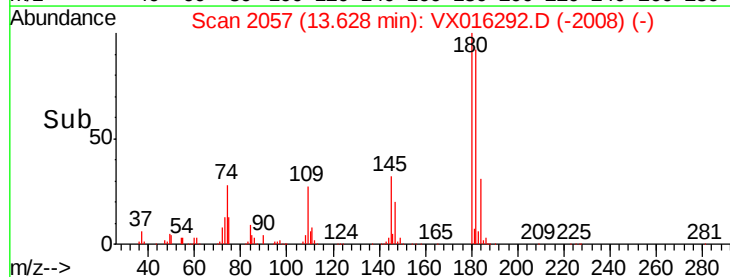
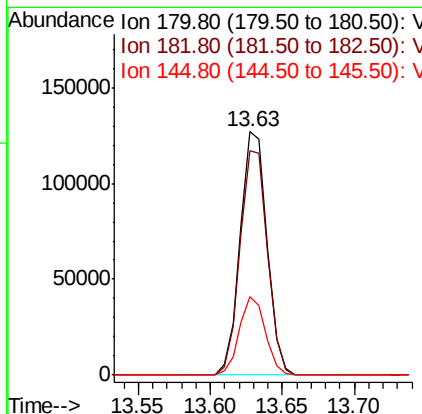
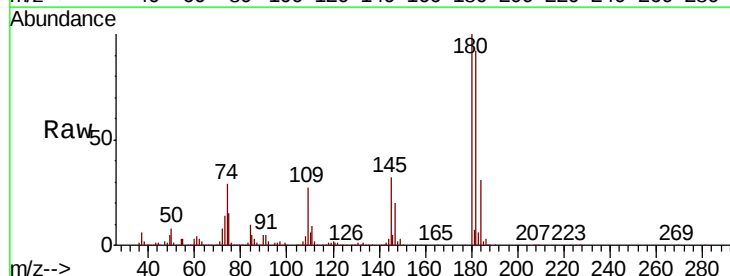
RT: 13.63 min Scan# 2057

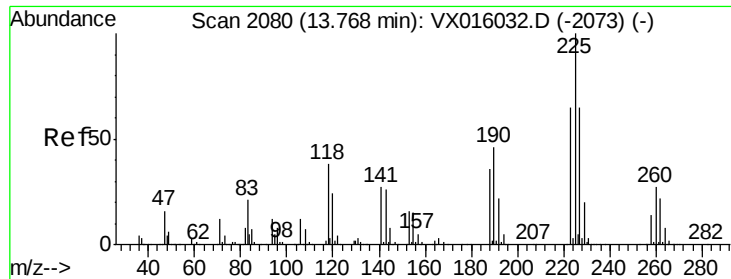
Delta R.T. -0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Tgt Ion:	180	Resp:	163826
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.7	146.1
145	31.4	15.7	47.1





#94

Hexachlorobutadiene

Concen: 25.416 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016292.D

Acq: 15 May 2020 19:36

Instrument :

MSVOA_X

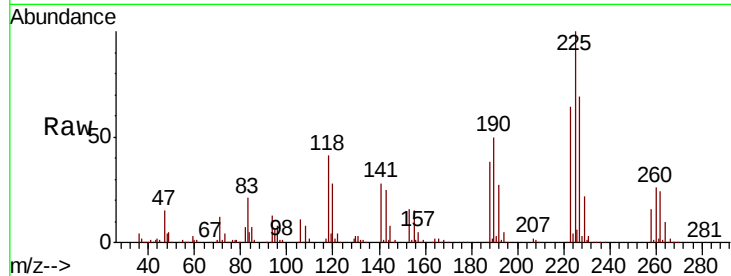
ClientSampled :

S32-0685MS

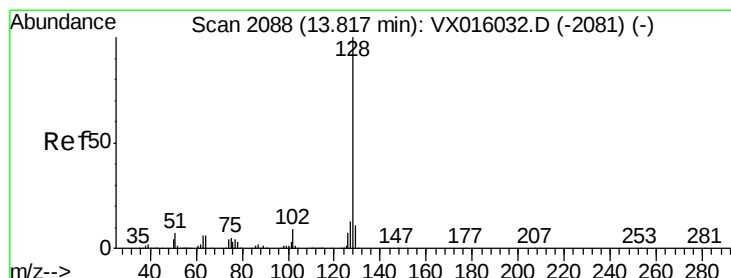
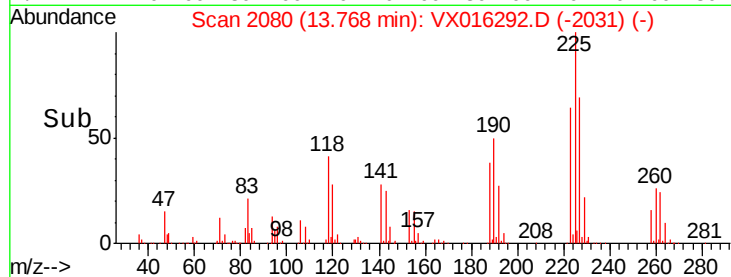
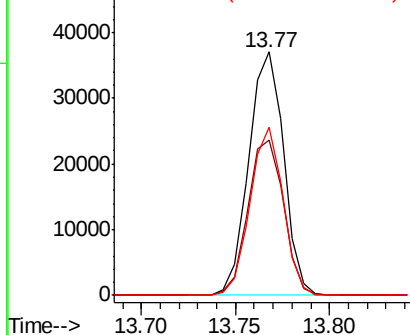
Tot Ion:	225	Resp:	47554
Ion Ratio	Lower	Upper	
225	100		
223	65.3	32.3	96.9
227	65.4	31.8	95.4

Manual Integrations
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5/18/2020 12:52:49 PM



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



#95

Naphthalene

Concen: 45.673 ug/l

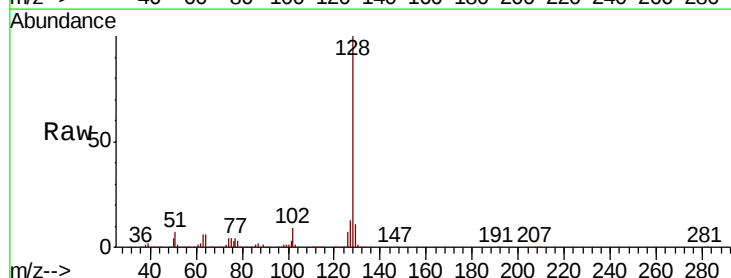
RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

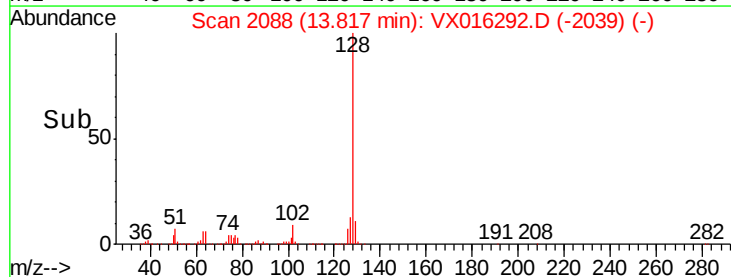
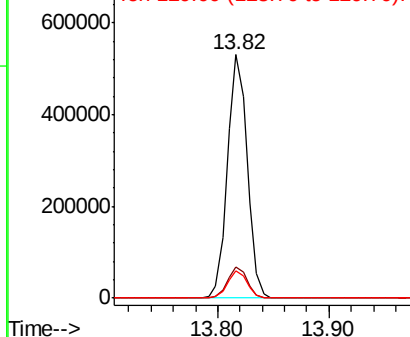
Lab File: VX016292.D

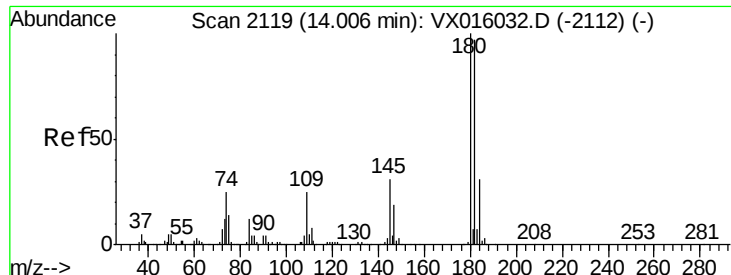
Acq: 15 May 2020 19:36

Tgt Ion:	128	Resp:	649237
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 37.636 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016292.D
 Acq: 15 May 2020 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161477		
182	95.7	48.4	145.0	
145	33.2	16.4	49.1	

Manual Integrations
 APPROVED

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