

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016293.D
 Acq On : 15 May 2020 19:59
 Operator : JC/SP
 Sample : L2649-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:53 PM

Quant Time: May 16 08:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	377715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	145625	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	5.47	113	118272	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.70	98	452723	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.12	95	172752	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	119437	51.666	ug/l	100
3) Chloromethane	1.31	50	132218	49.249	ug/l	100
4) Vinyl Chloride	1.39	62	273670	95.546	ug/l	100
5) Bromomethane	1.62	94	37338	25.857	ug/l	97
6) Chloroethane	1.70	64	90188	51.750	ug/l	98
7) Trichlorofluoromethane	1.91	101	190331	50.615	ug/l	99
8) Diethyl Ether	2.17	74	82110	51.824	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98816	45.548	ug/l	97
10) Methyl Iodide	2.49	142	76716	26.325	ug/l	99
11) Tert butyl alcohol	3.02	59	202528	278.677	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115124	50.709	ug/l	98
13) Acrolein	2.27	56	169628	372.994	ug/l	99
14) Allyl chloride	2.70	41	201103	48.310	ug/l #	91
15) Acrylonitrile	3.12	53	414256	274.771	ug/l	99
16) Acetone	2.42	43	342430	267.038	ug/l	96
17) Carbon Disulfide	2.55	76	327082	47.966	ug/l	100
18) Methyl Acetate	2.75	43	161943	51.363	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	433802	55.428	ug/l	99
20) Methylene Chloride	2.83	84	134625	50.927	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133531	52.780	ug/l	98
22) Diisopropyl ether	3.83	45	411619	52.414	ug/l #	87
23) Vinyl Acetate	3.79	43	1630213	235.950	ug/l	98
24) 1,1-Dichloroethane	3.67	63	236579	53.853	ug/l	98
25) 2-Butanone	4.64	43	575660	278.588	ug/l	97
26) 2,2-Dichloropropane	4.55	77	168546	42.011	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	209572	75.771	ug/l	93
28) Bromochloromethane	4.98	49	107666	53.748	ug/l	96
29) Tetrahydrofuran	5.09	42	375513	274.264	ug/l	96
30) Chloroform	5.18	83	239554	54.767	ug/l	100
31) Cyclohexane	5.55	56	181754	45.524	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	212047	53.333	ug/l	98
36) 1,1-Dichloropropene	5.78	75	175252	47.135	ug/l	100
37) Ethyl Acetate	4.79	43	193548	44.913	ug/l	98
38) Carbon Tetrachloride	5.76	117	184838	48.910	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	150756	33.669	ug/l	97
40) Benzene	6.12	78	548404	50.410	ug/l	99
41) Methacrylonitrile	5.01	41	115727	49.727	ug/l	98
42) 1,2-Dichloroethane	6.17	62	190782	48.682	ug/l	99
43) Isopropyl Acetate	6.42	43	320536	46.618	ug/l	98
44) Trichloroethene	7.19	130	164459	42.552	ug/l	97
45) 1,2-Dichloropropane	7.49	63	142050	51.603	ug/l	99
46) Dibromomethane	7.64	93	94925	50.744	ug/l	99
47) Bromodichloromethane	7.88	83	198896	52.205	ug/l	98
48) Methyl methacrylate	7.74	41	161227	49.486	ug/l	93
49) 1,4-Dioxane	7.71	88	82567	1056.671	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1103689	262.312	ug/l	97
52) Toluene	8.77	92	344191	50.758	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	221869	48.842	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	232749	49.054	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	143209	53.679	ug/l	99
56) Ethyl methacrylate	9.16	69	233325	53.578	ug/l	93
57) 1,3-Dichloropropane	9.35	76	242061	51.998	ug/l	100
59) 2-Hexanone	9.48	43	865183	261.837	ug/l	96
60) Dibromochloromethane	9.57	129	160109	54.490	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151666	52.483	ug/l	100
64) Tetrachloroethene	9.32	164	154312	36.000	ug/l	95
65) Chlorobenzene	10.12	112	364960	49.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	143370	53.055	ug/l	99
67) Ethyl Benzene	10.24	91	641226	49.155	ug/l	99
68) m/p-Xylenes	10.34	106	478086	97.818	ug/l	99
69) o-Xylene	10.68	106	234128	49.835	ug/l	99
70) Styrene	10.70	104	415366	52.115	ug/l	100
71) Bromoform	10.84	173	121513	55.192	ug/l #	97
73) Isopropylbenzene	11.01	105	588194	47.329	ug/l	99
74) N-amyl acetate	10.88	43	269647	46.517	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	196072	75.581	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	204269m	52.683	ug/l	
77) Bromobenzene	11.24	156	161957	50.489	ug/l	99
78) n-propylbenzene	11.34	91	658527	45.549	ug/l	100
79) 2-Chlorotoluene	11.40	91	419749	49.186	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	482754	46.007	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77549	47.663	ug/l	96
82) 4-Chlorotoluene	11.49	91	493304	48.951	ug/l	100
83) tert-Butylbenzene	11.76	119	422121	46.680	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	494390	46.604	ug/l	100
85) sec-Butylbenzene	11.93	105	484009	39.642	ug/l	99
86) p-Isopropyltoluene	12.05	119	447183	39.448	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	267148	46.382	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	274139	46.894	ug/l	98
89) n-Butylbenzene	12.37	91	361276	34.886	ug/l	100
90) Hexachloroethane	12.58	117	80600	41.400	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	264785	47.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54595	53.426	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	162352	39.540	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48694	27.776	ug/l	99
95) Naphthalene	13.82	128	639300	48.084	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161937	40.354	ug/l	99

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

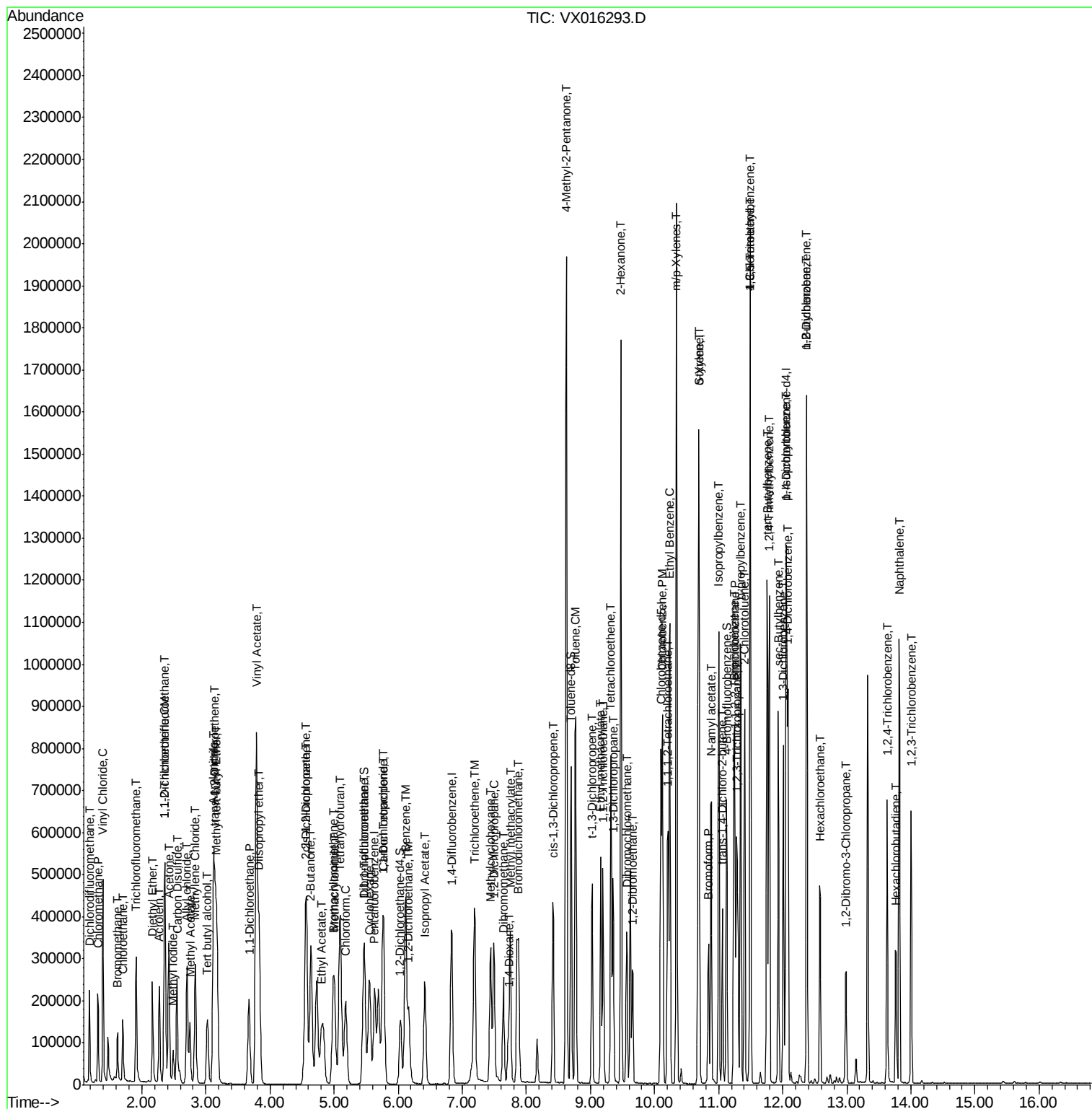
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 Data File : VX016293.D
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#1

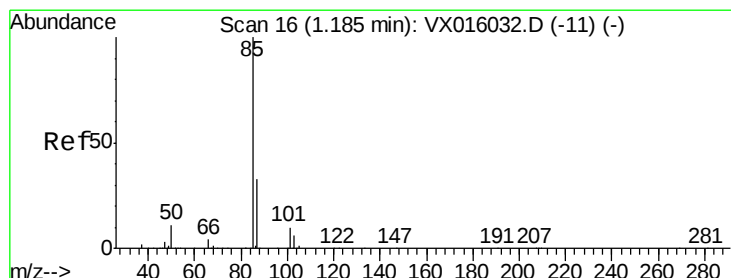
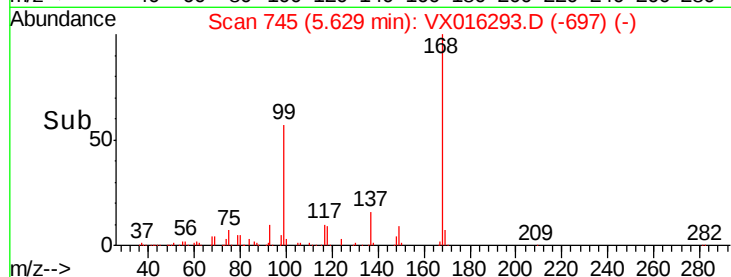
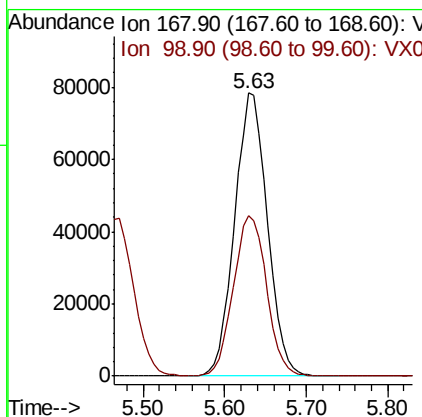
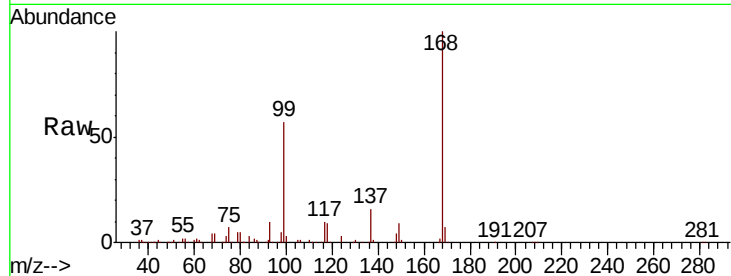
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.0	67.4

Manual Integrations
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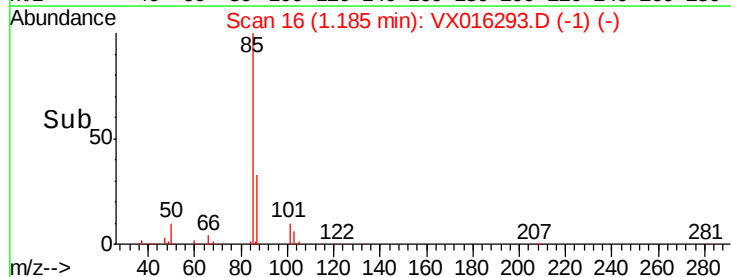
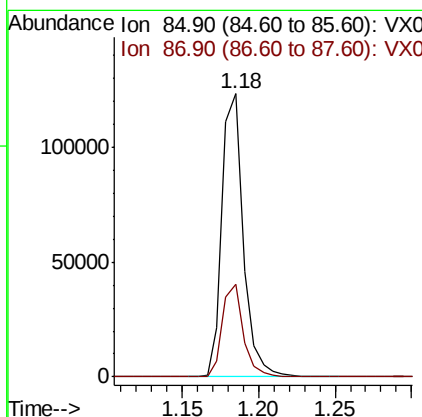
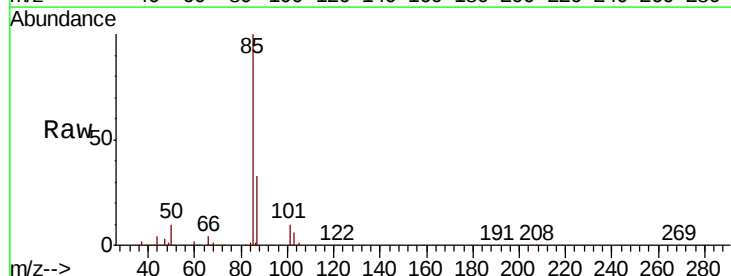
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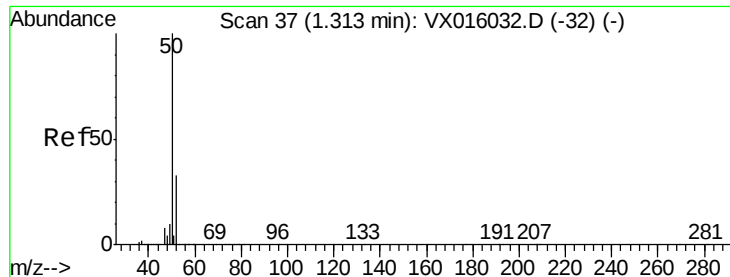


#2

Dichlorodifluoromethane
 Concen: 51.666 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.4	49.1





#3

Chloromethane

Concen: 49.249 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 50 Resp: 132218

Ion Ratio Lower Upper

50 100

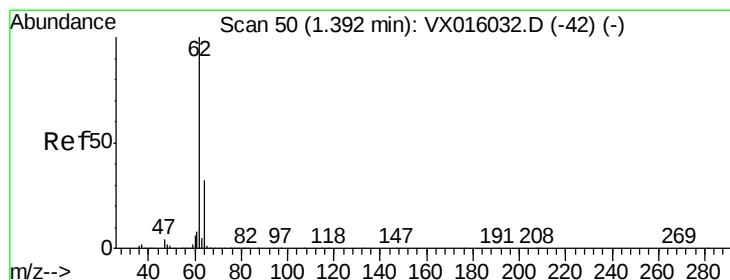
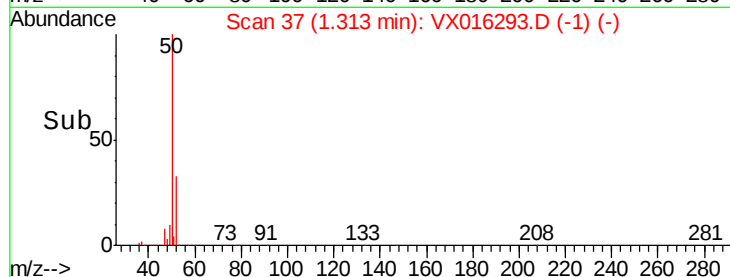
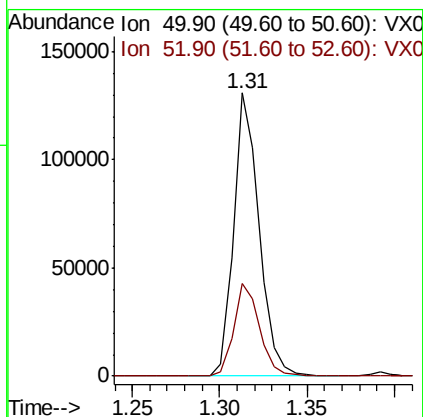
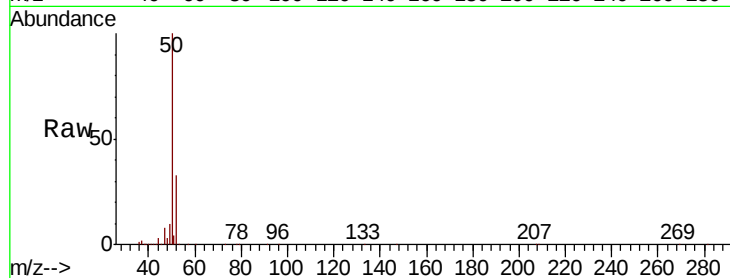
52 32.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 95.546 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016293.D

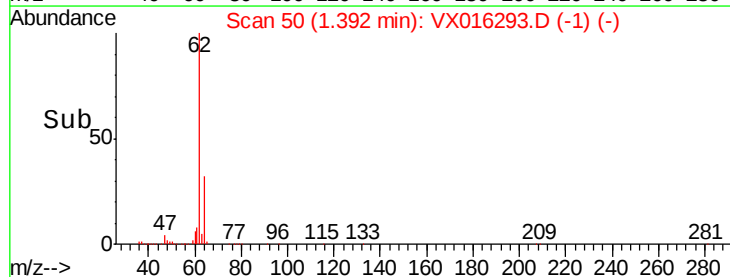
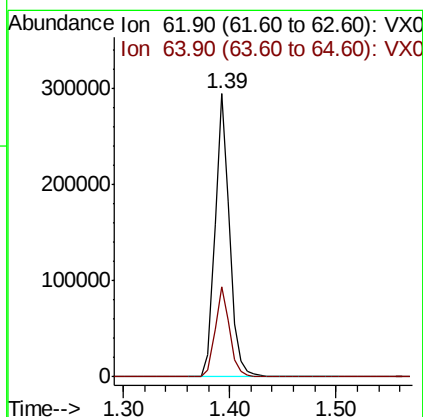
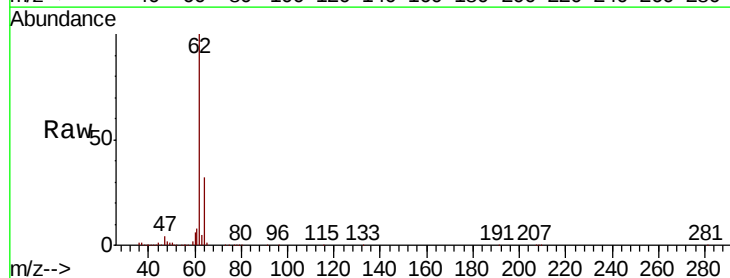
Acq: 15 May 2020 19:59

Tgt Ion: 62 Resp: 273670

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 25.857 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 94 Resp: 37338

Ion Ratio Lower Upper

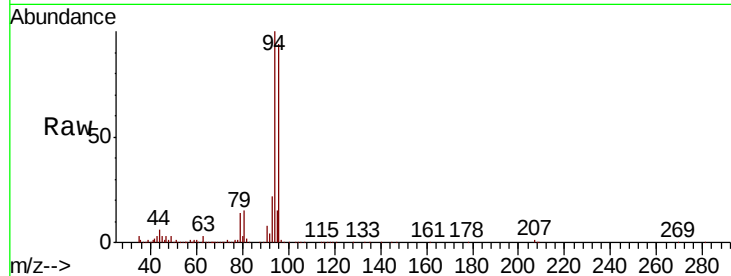
94 100

96 93.2 76.9 115.3

Manual Integrations
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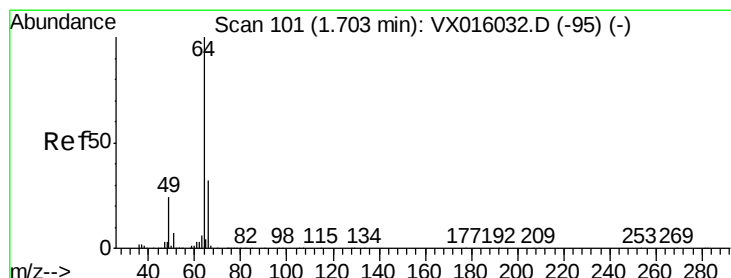
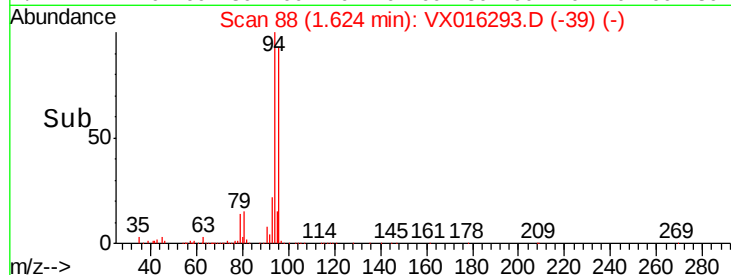
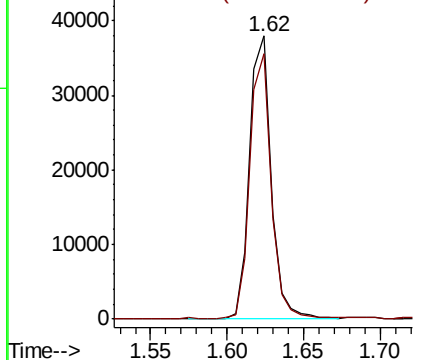
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.750 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016293.D

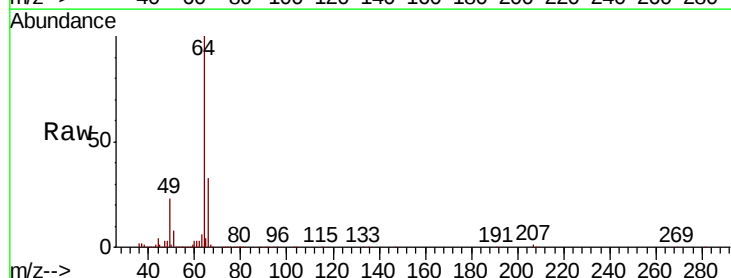
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Tgt Ion: 64 Resp: 90188

Ion Ratio Lower Upper

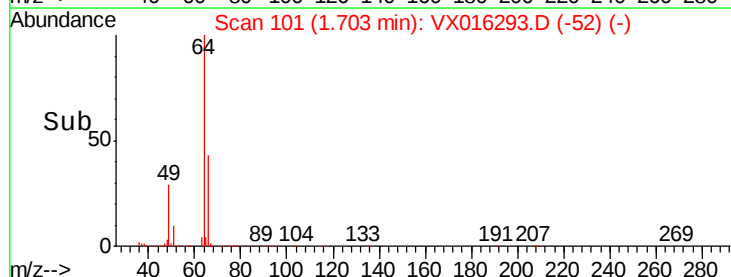
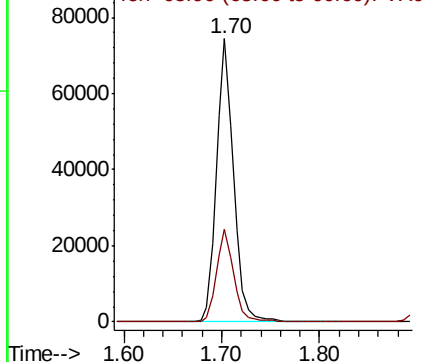
64 100

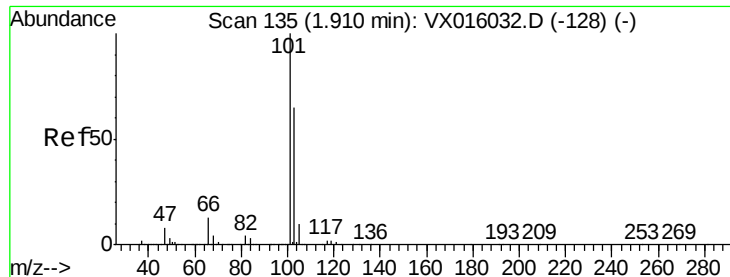
66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

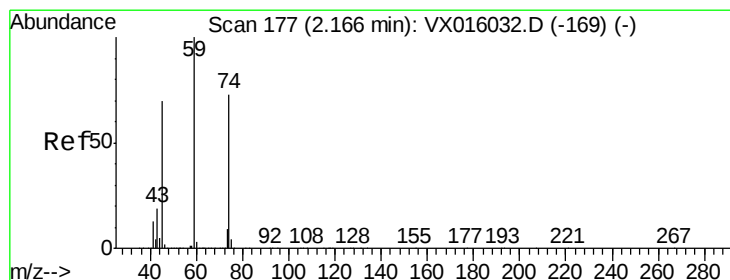
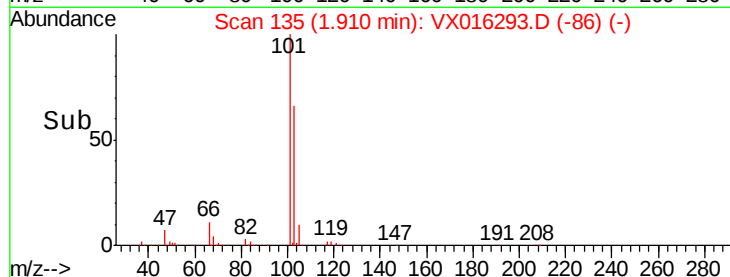
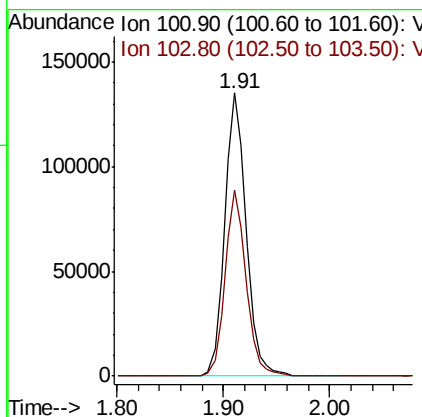
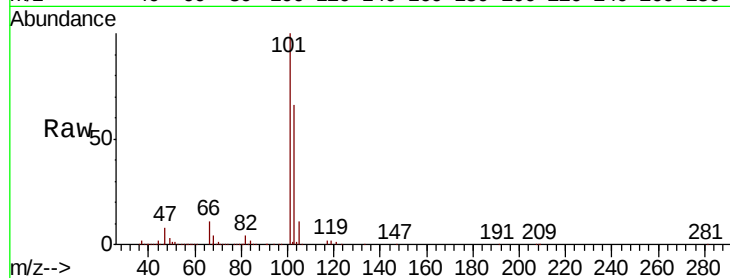
Trichlorofluoromethane
Concen: 50.615 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	190331		
103	65.5	51.8	77.6	

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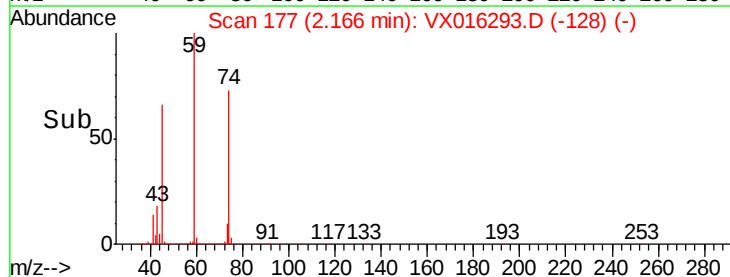
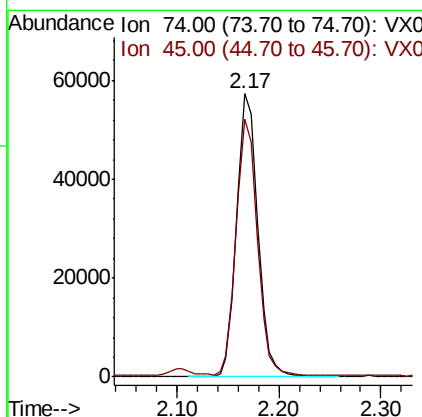
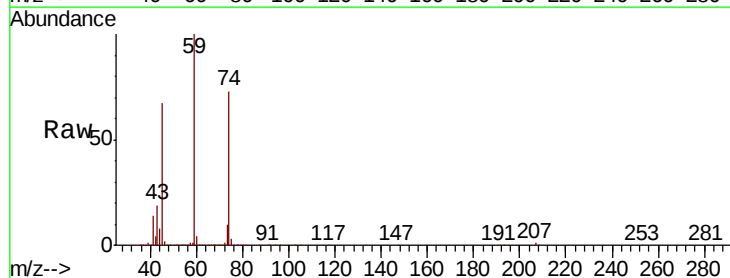
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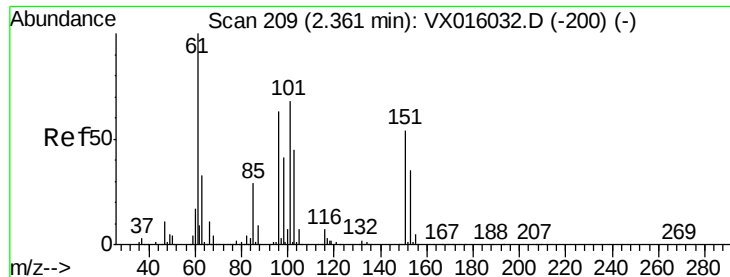


#8

Diethyl Ether
Concen: 51.824 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	82110		
45	90.4	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.548 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016293.D

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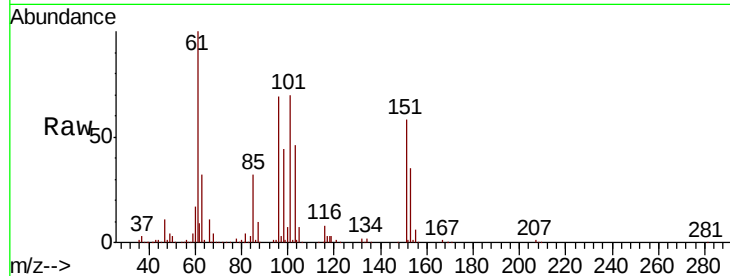
ClientSampleId :

S32-0685MSD

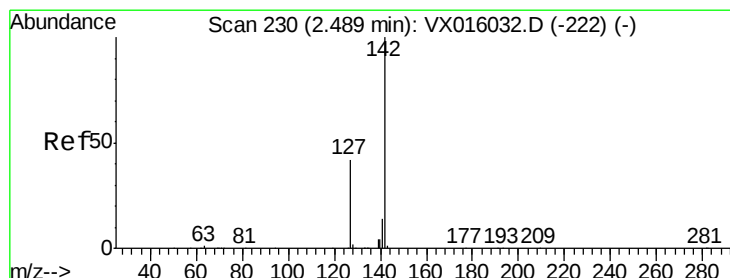
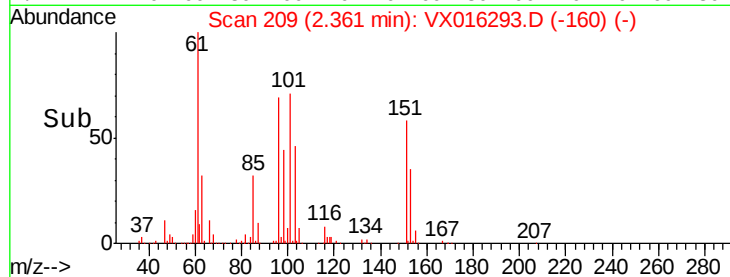
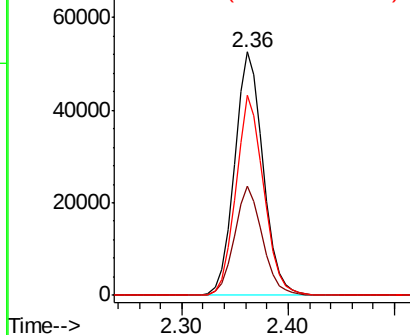
Tot Ion:	101	Resp:	98816
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.2	51.4
151	80.4	62.1	93.1

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



#10

Methyl Iodide

Concen: 26.325 ug/l

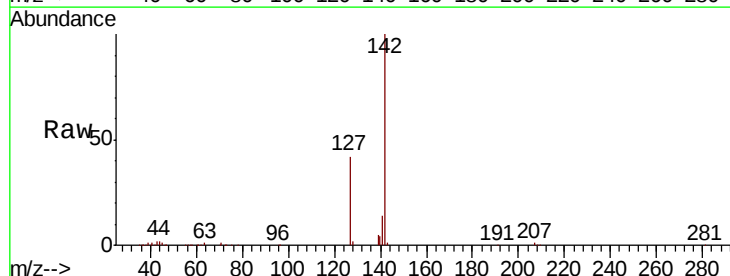
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

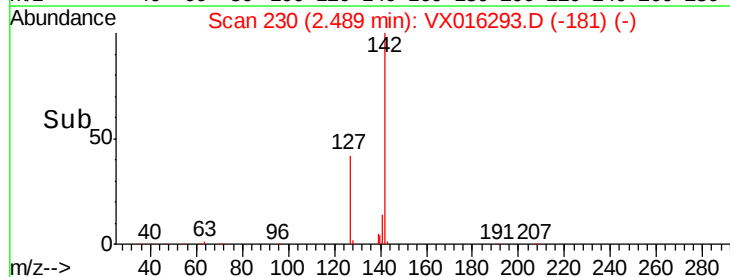
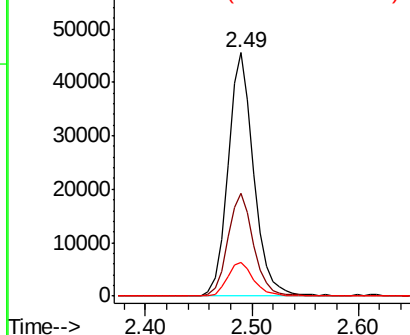
Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	142	Resp:	76716
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	13.9	11.3	16.9



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





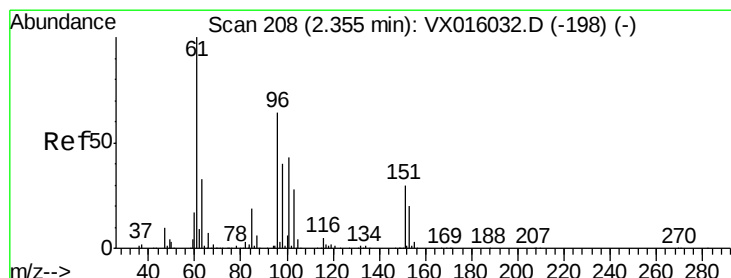
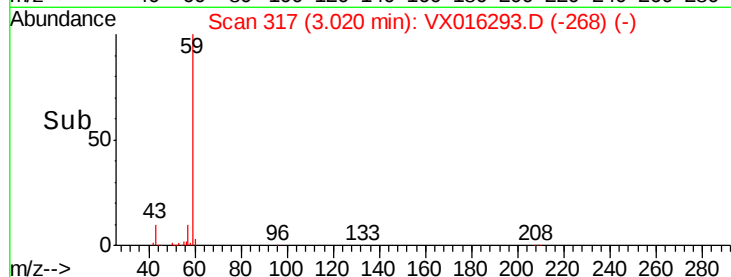
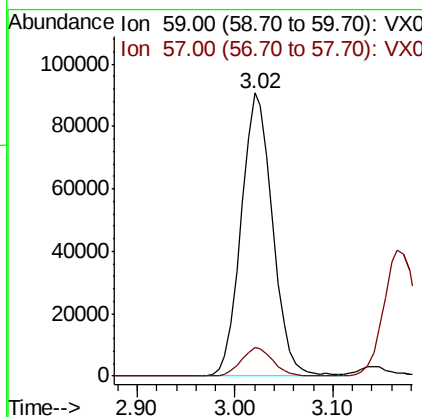
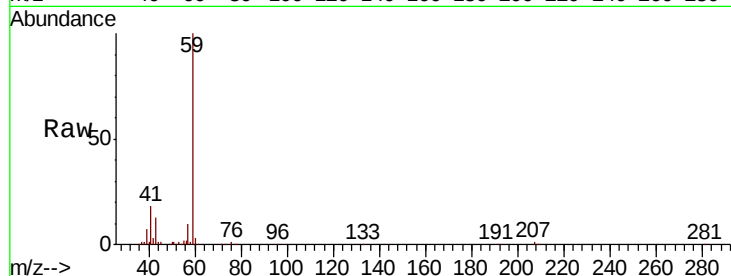
#11
Tert butyl alcohol
Concen: 278.677 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampled :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

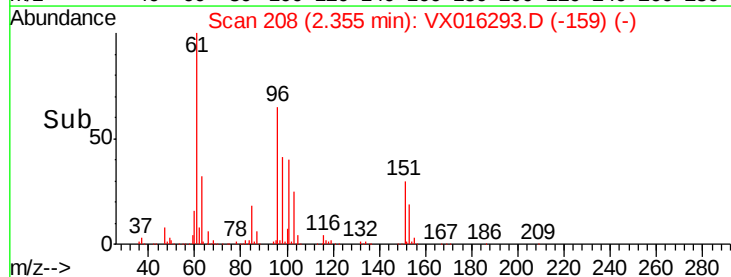
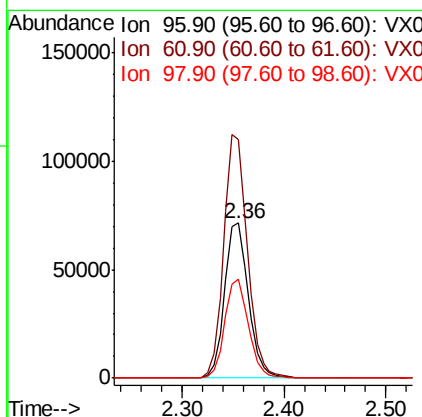
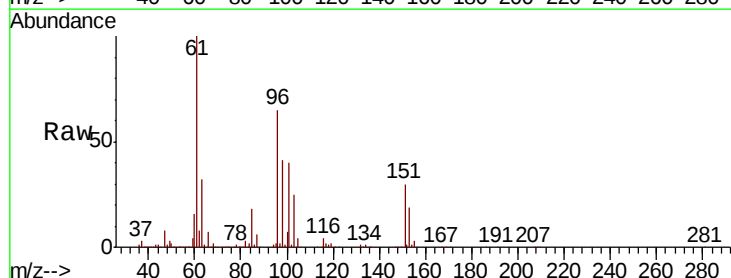
Manual Integrations
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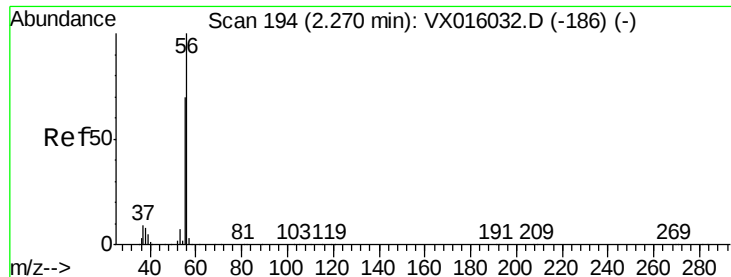
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.709 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.1	124.8	187.2
98	63.5	49.7	74.5





#13

Acrolein

Concen: 372.994 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 56 Resp: 169628

Ion Ratio Lower Upper

56 100

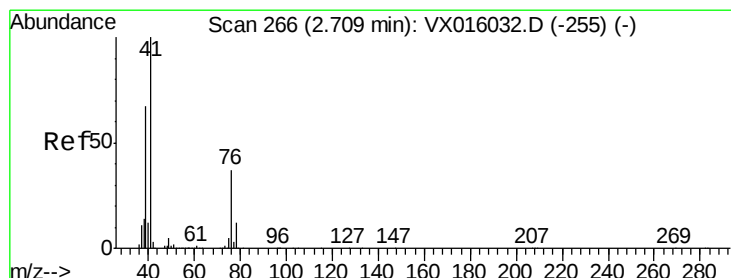
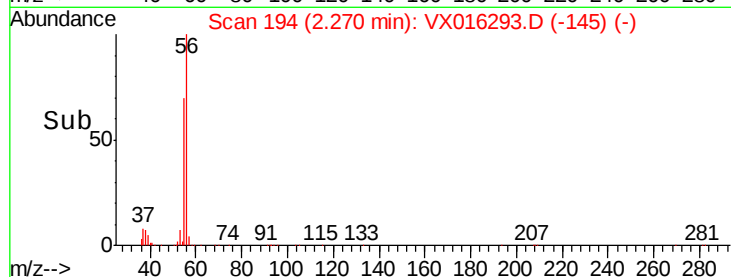
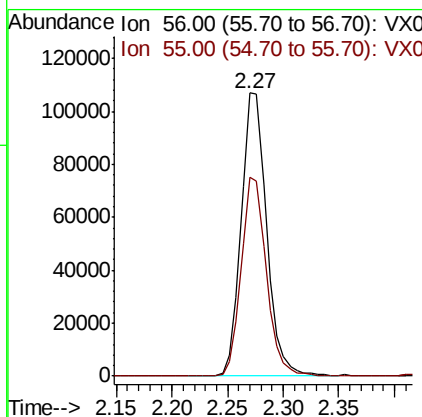
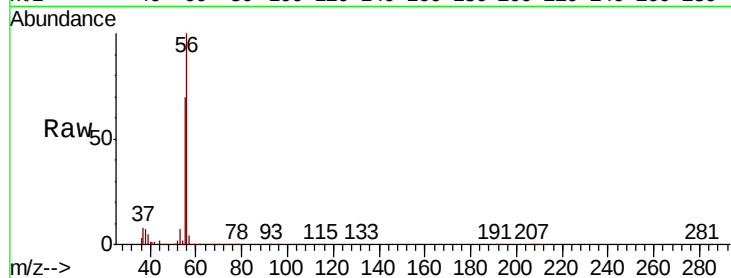
55 69.6 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 48.310 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

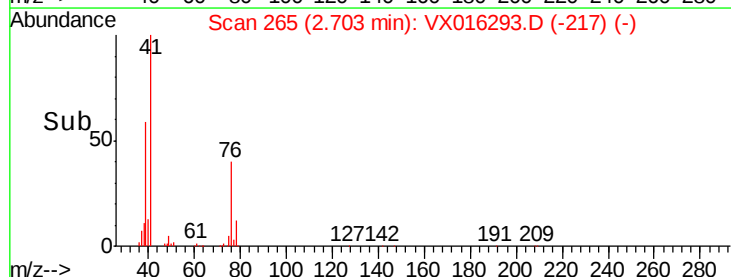
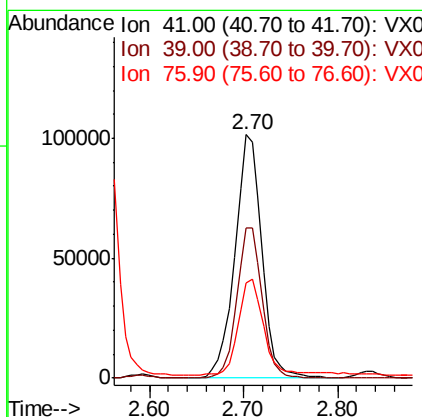
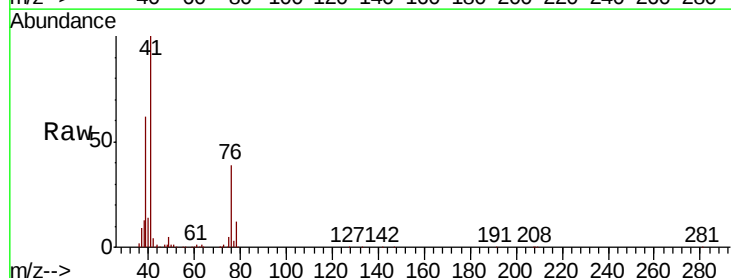
Tgt Ion: 41 Resp: 201103

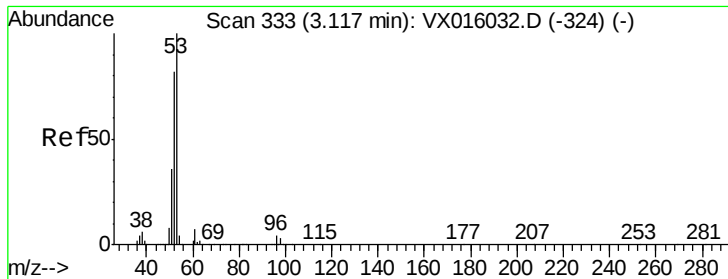
Ion Ratio Lower Upper

41 100

39 58.0 50.5 75.7

76 40.9 26.6 40.0#





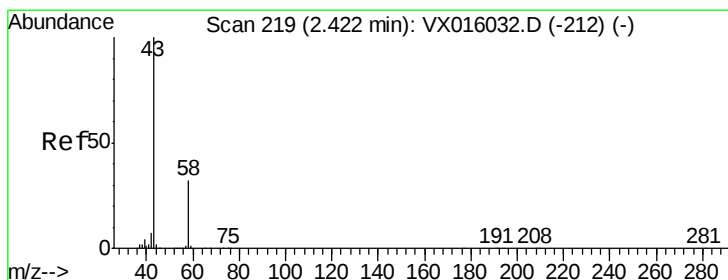
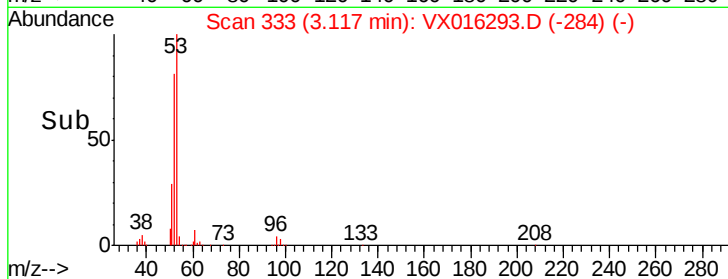
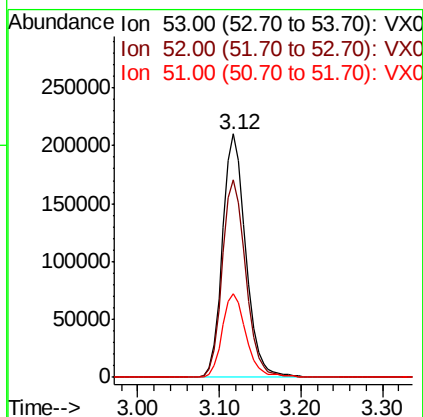
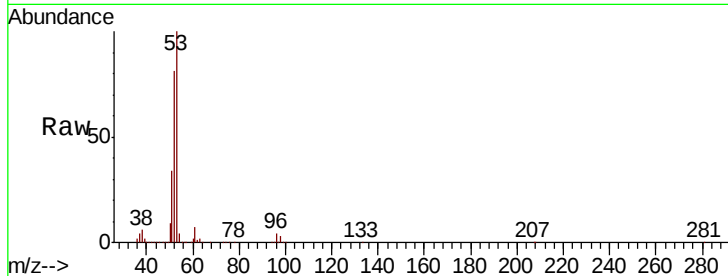
#15
 Acrylonitrile
 Concen: 274.771 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion:	53	Resp:	414256
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.1	99.1
51	35.1	28.8	43.2

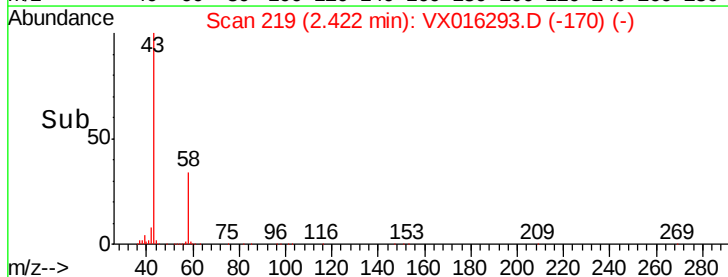
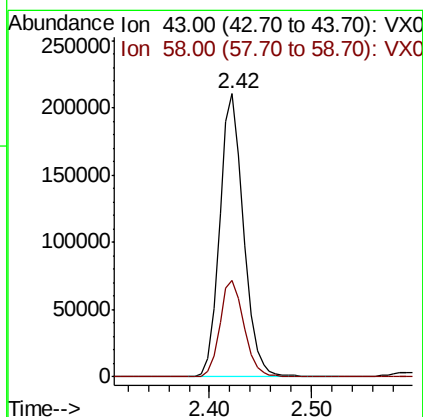
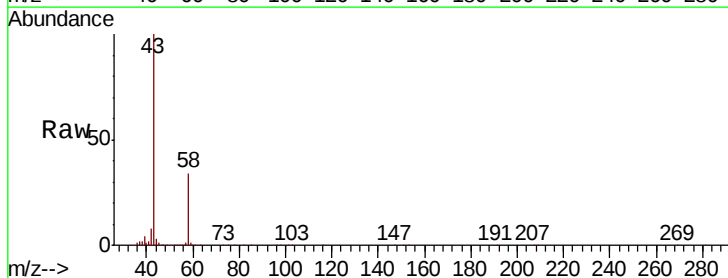
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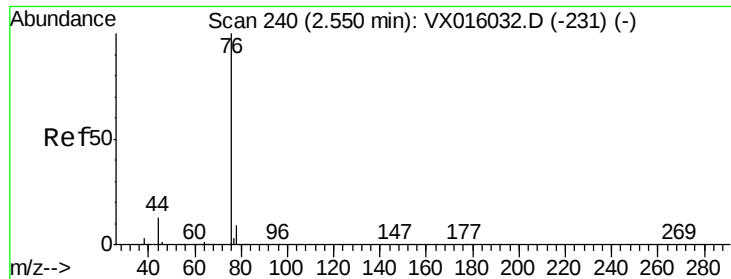
MMDadoda
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#16
 Acetone
 Concen: 267.038 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion:	43	Resp:	342430
Ion Ratio	Lower	Upper	
43	100		
58	33.9	25.4	38.0





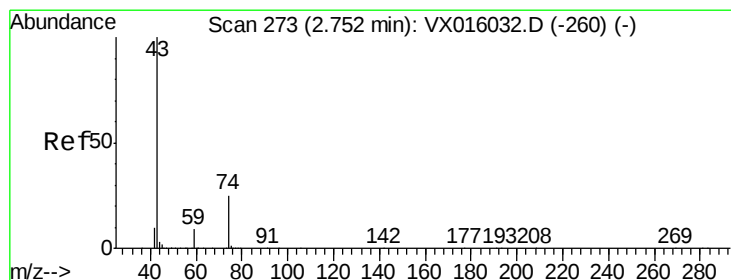
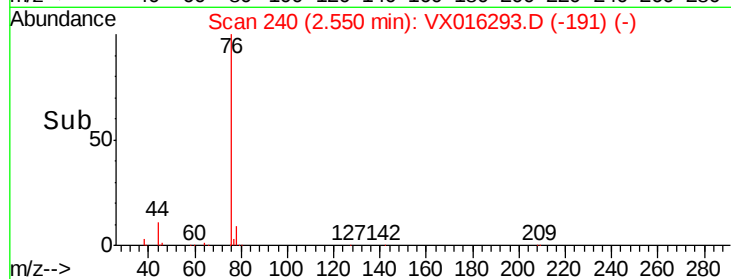
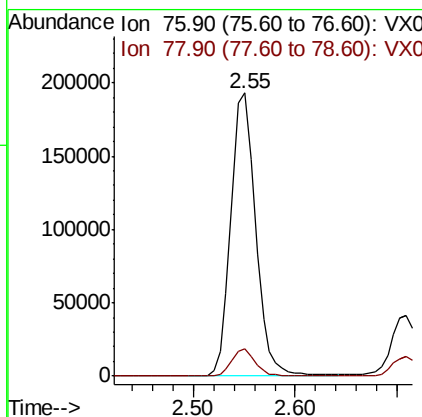
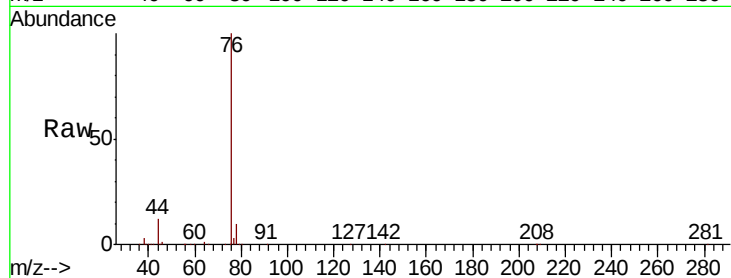
#17
Carbon Disulfide
Concen: 47.966 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

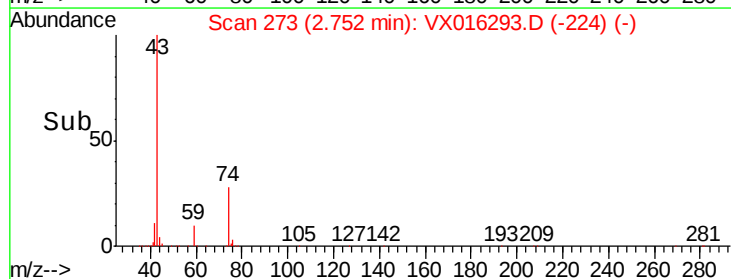
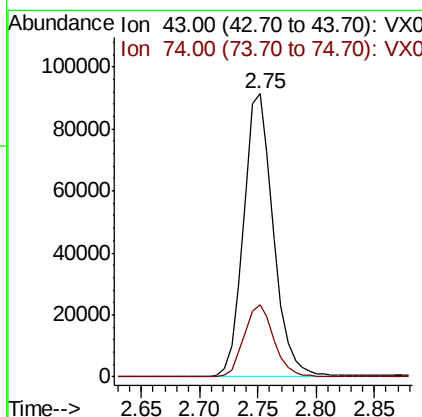
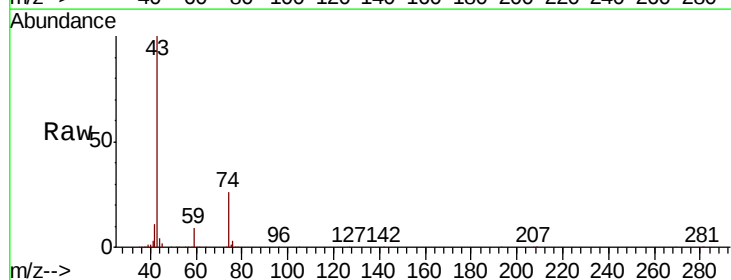
Manual Integrations
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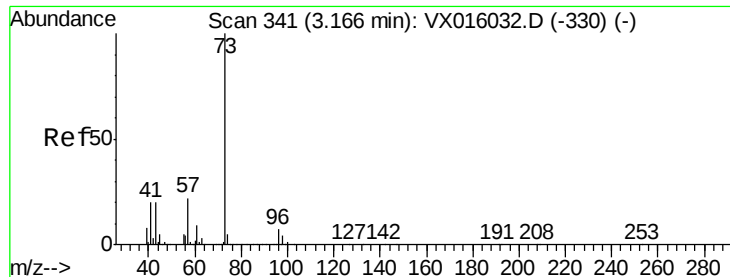
MMDadoda
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#18
Methyl Acetate
Concen: 51.363 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.2	30.2





#19

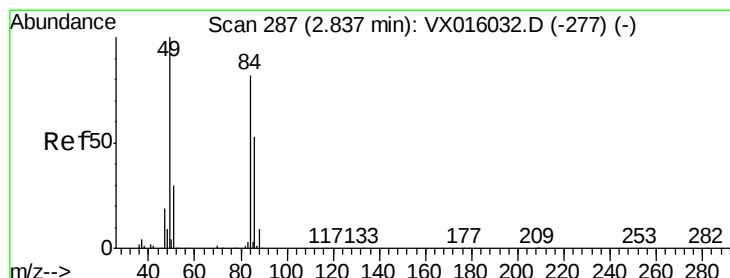
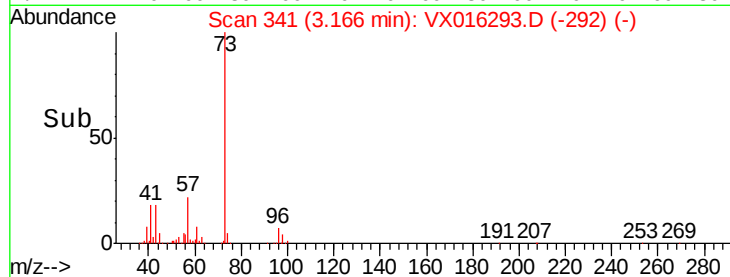
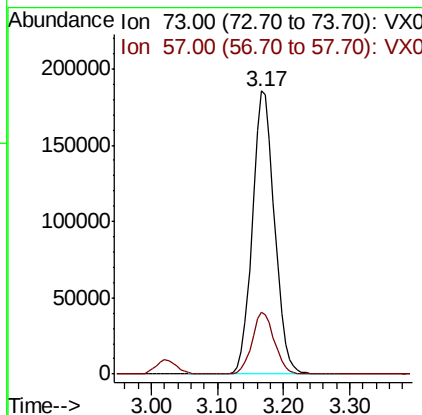
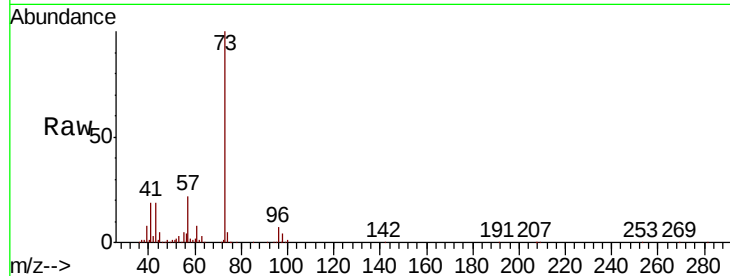
Methyl tert-butyl Ether
 Concen: 55.428 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

Manual Integrations
 APPROVED

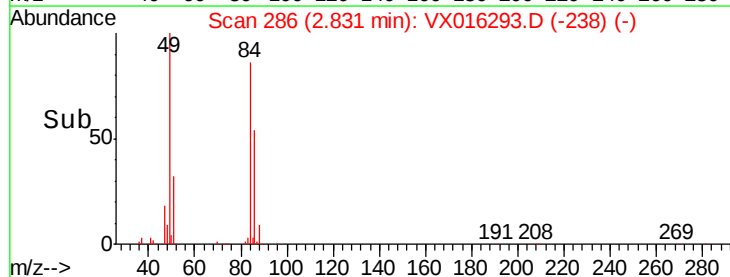
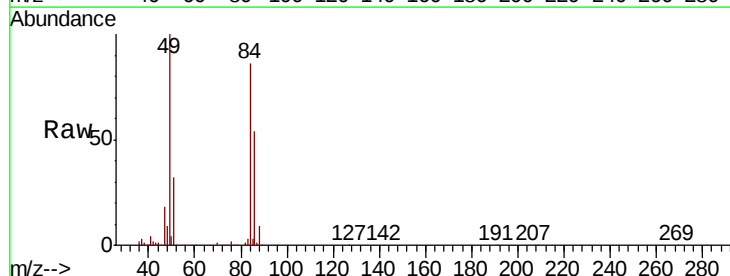
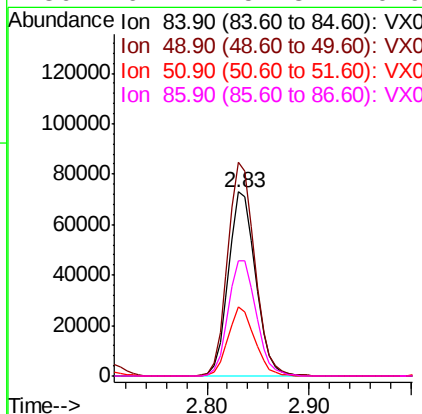
MMDadoda
 5/18/2020 12:52:53 PM



#20

Methylene Chloride
 Concen: 50.927 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	97.3	145.9
51	37.3	29.3	43.9
86	62.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 52.780 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

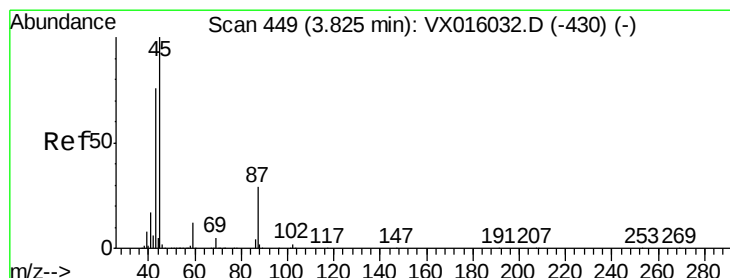
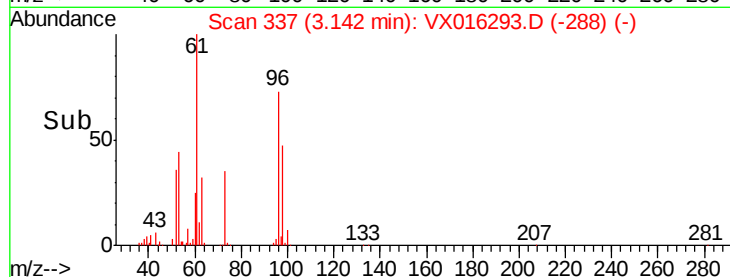
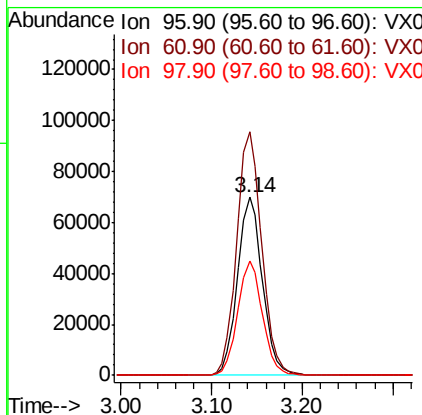
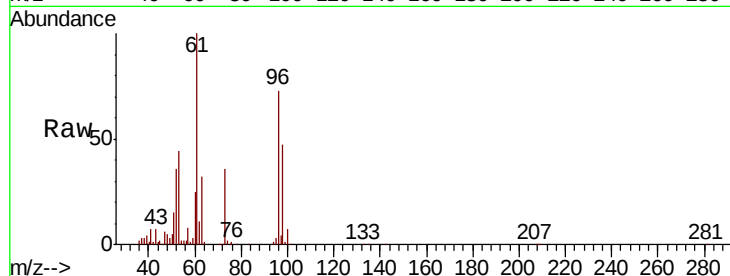
ClientSampleId :

S32-0685MSD

Tot Ion:	96	Resp:	133531
Ion	Ratio	Lower	Upper
96	100		
61	137.0	111.2	166.8
98	64.0	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.414 ug/l

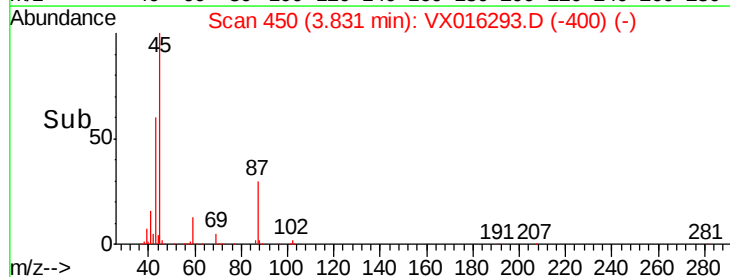
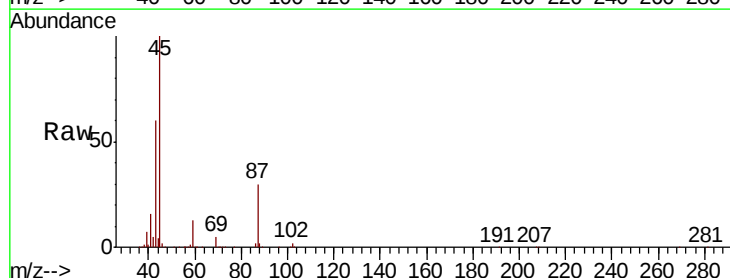
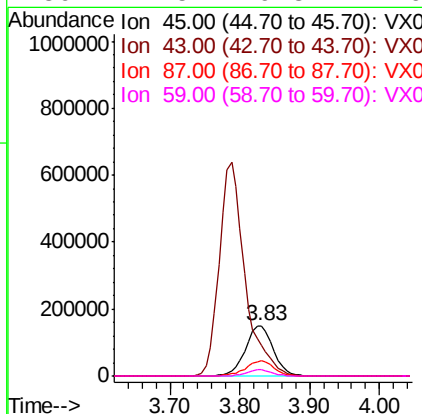
RT: 3.83 min Scan# 450

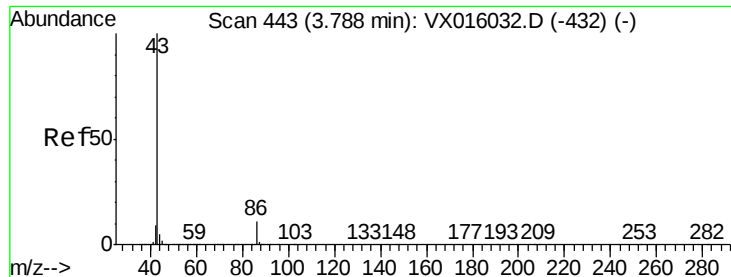
Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	45	Resp:	411619
Ion	Ratio	Lower	Upper
45	100		
43	59.8	61.1	91.7#
87	30.1	23.0	34.6
59	12.5	9.8	14.6





#23

Vinyl Acetate

Concen: 235.950 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 43 Resp: 1630213

Ion Ratio Lower Upper

43 100

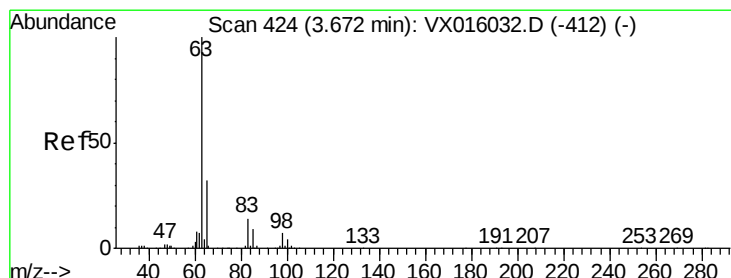
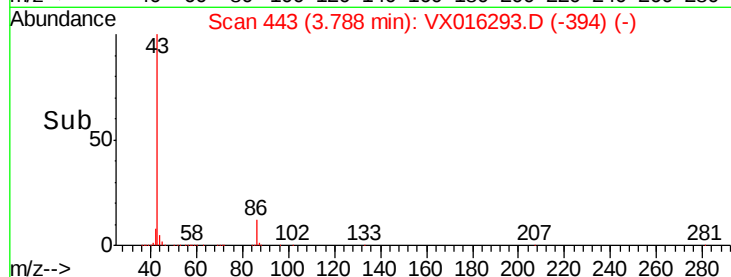
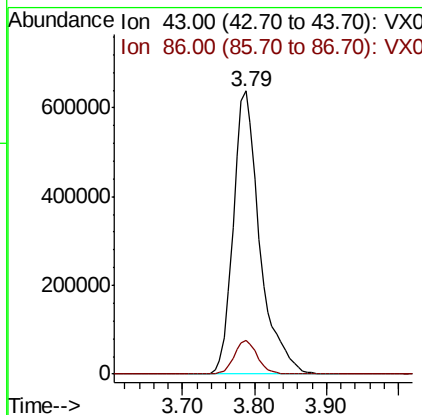
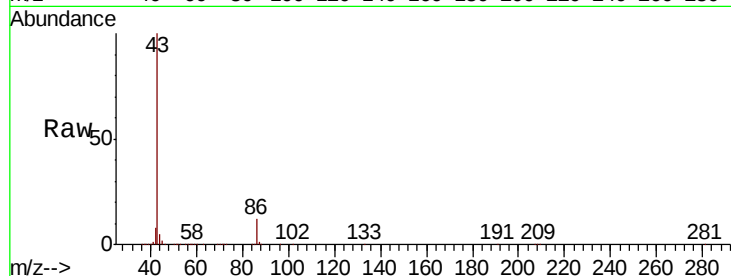
86 11.9 9.0 13.4

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 53.853 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

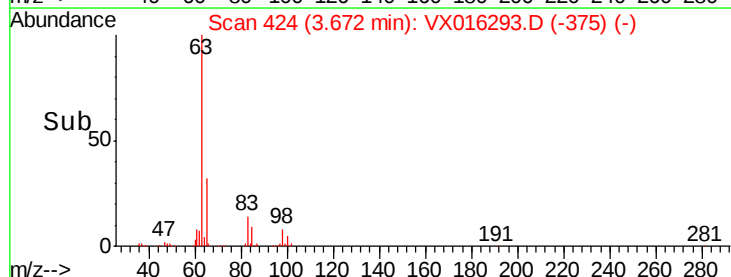
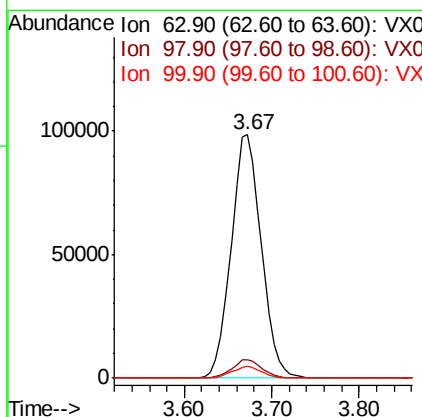
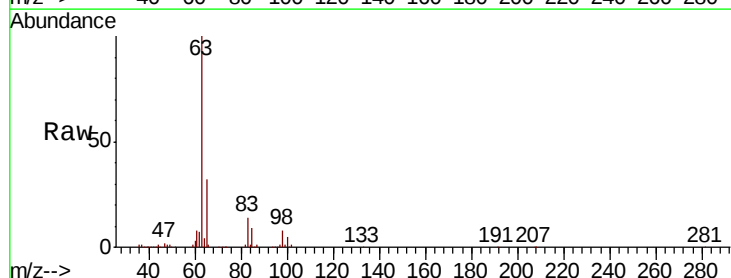
Tgt Ion: 63 Resp: 236579

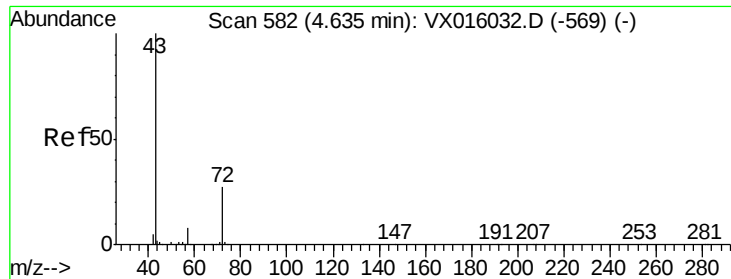
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 5.1 2.1 6.5





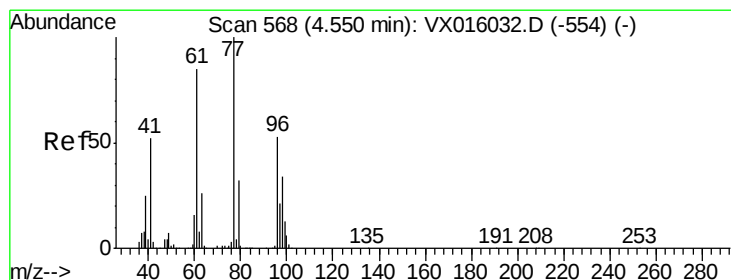
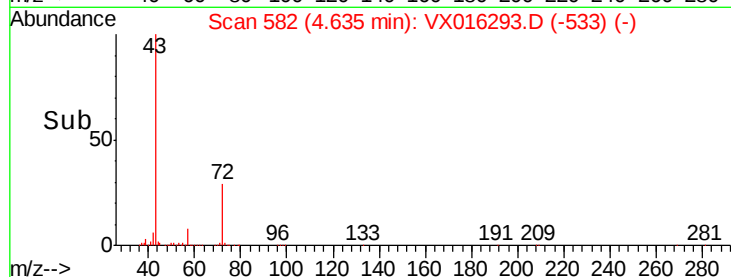
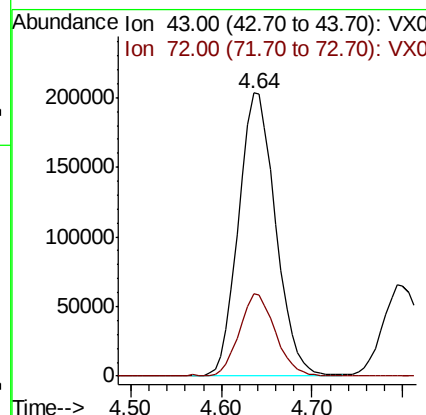
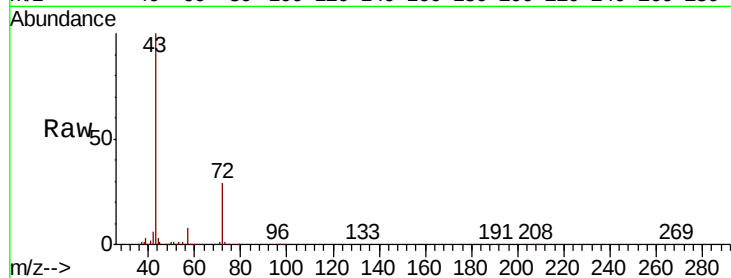
#25
2-Butanone
Concen: 278.588 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion: 43 Resp: 575660
Ion Ratio Lower Upper
43 100
72 28.9 21.8 32.8

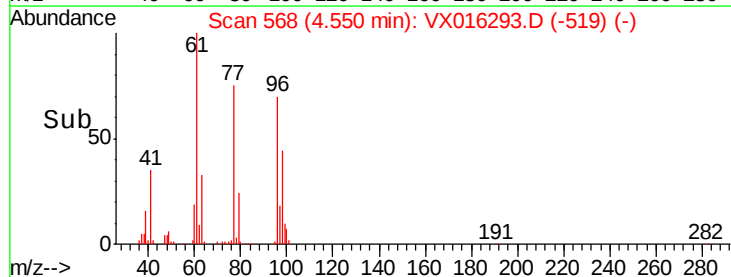
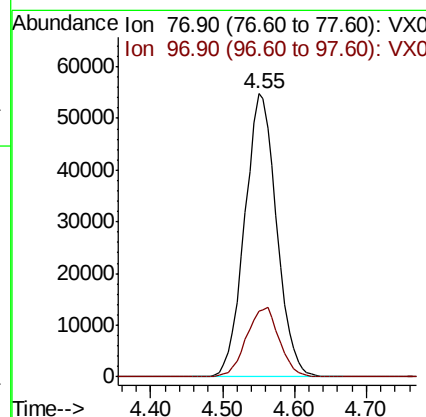
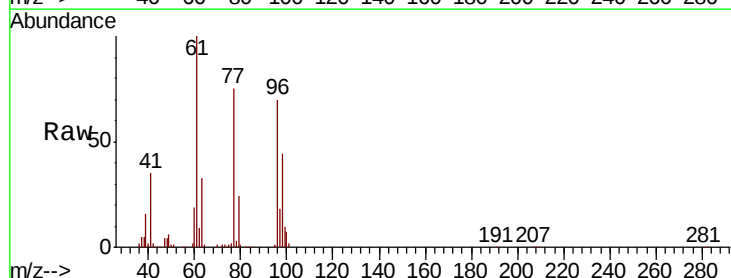
Manual Integrations
APPROVED

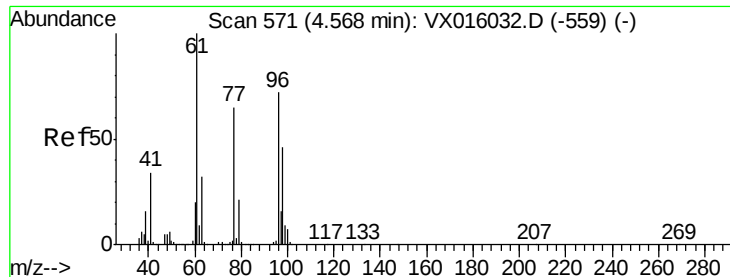
MMDadoda
5/18/2020 12:52:53 PM



#26
2,2-Dichloropropane
Concen: 42.011 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 77 Resp: 168546
Ion Ratio Lower Upper
77 100
97 25.2 11.2 33.6





#27

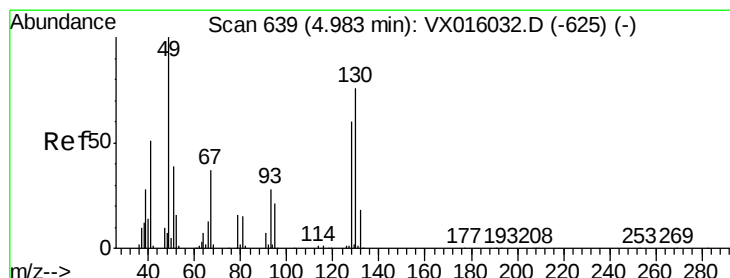
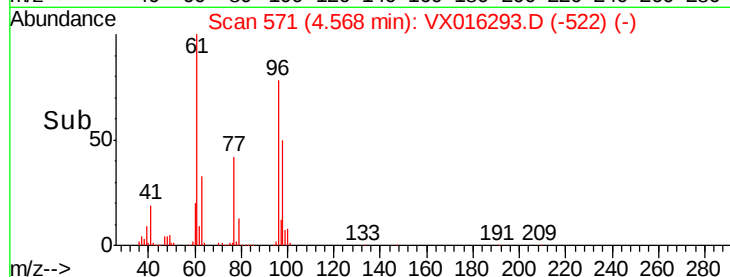
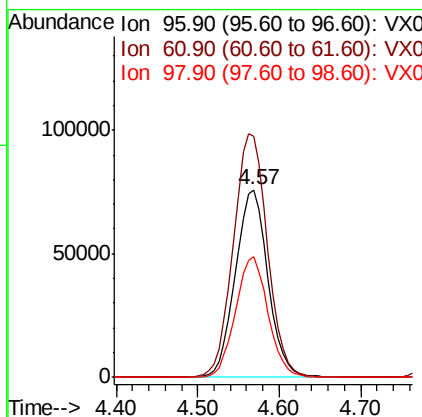
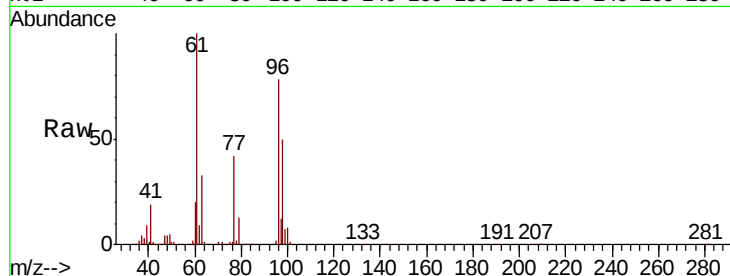
cis-1,2-Dichloroethene
Concen: 75.771 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampled :
S32-0685MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	209572		
61	136.0		0.0	296.2
98	64.4		0.0	129.4

Manual Integrations
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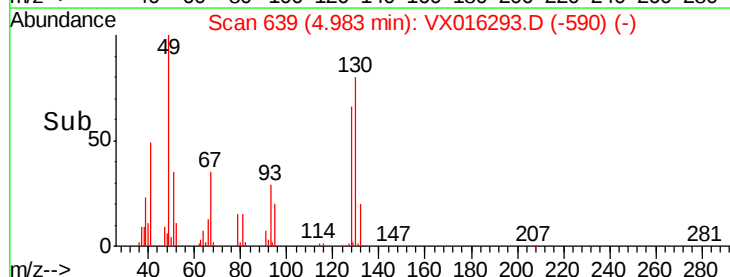
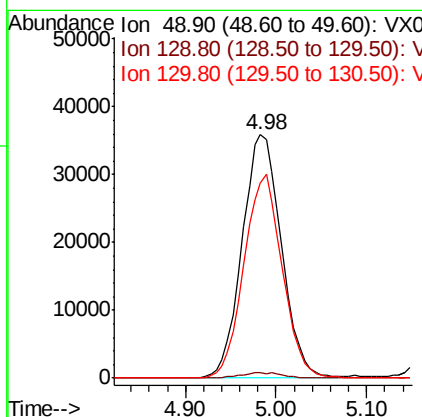
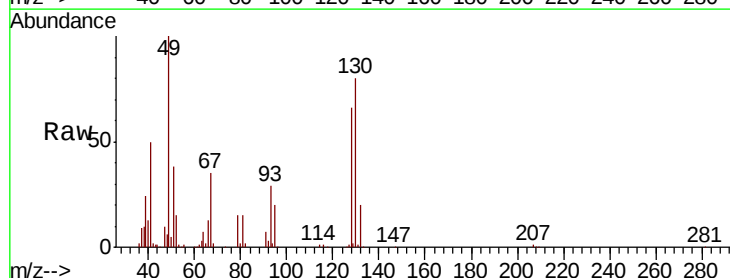
MMDadoda
5/18/2020 12:52:53 PM

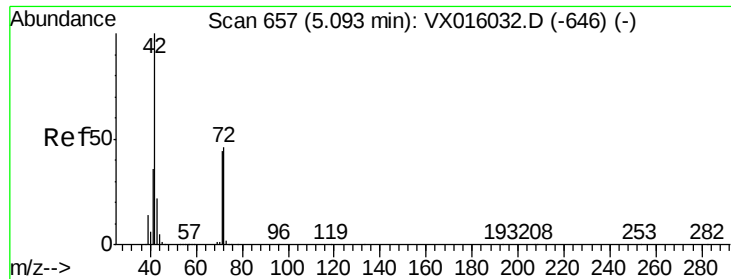


#28

Bromochloromethane
Concen: 53.748 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	107666		
129	2.2		0.0	4.0
130	81.4		62.4	93.6





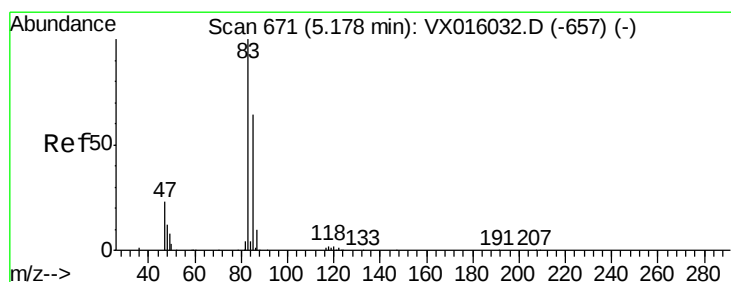
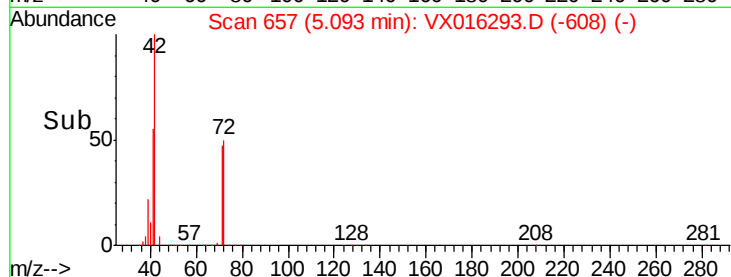
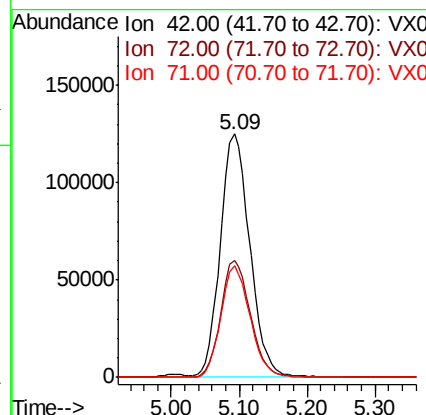
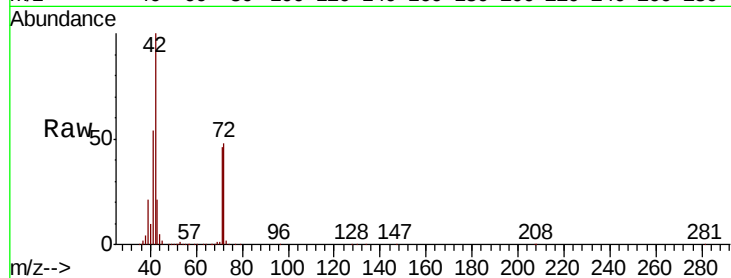
#29
Tetrahydrofuran
Concen: 274.264 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.1	55.7
71	45.4	34.5	51.7

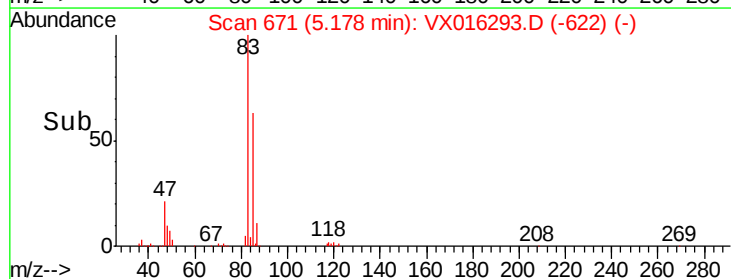
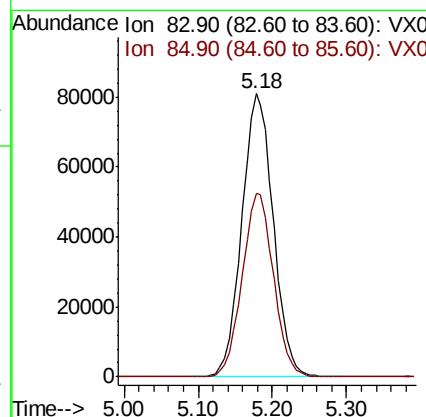
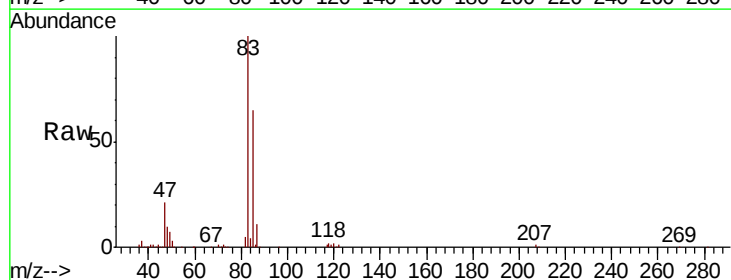
Manual Integrations
APPROVED

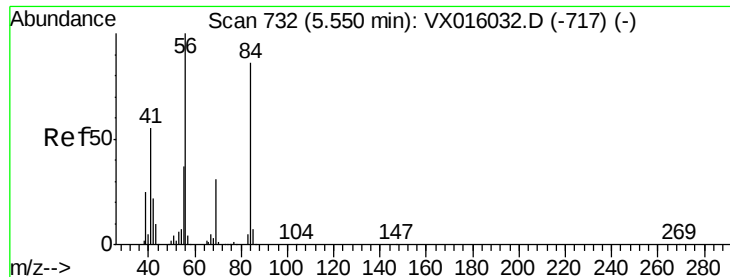
MMDadoda
5/18/2020 12:52:53 PM



#30
Chloroform
Concen: 54.767 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4





#31

Cyclohexane

Concen: 45.524 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

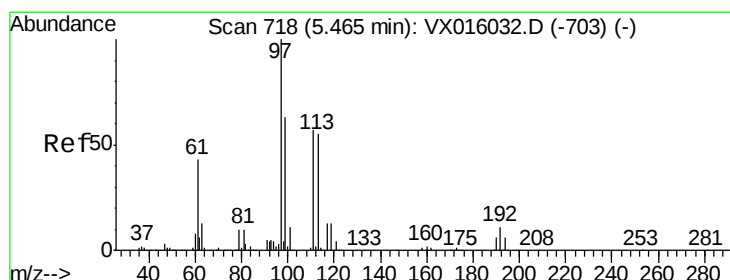
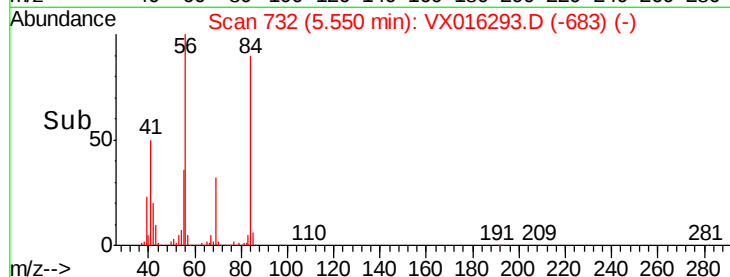
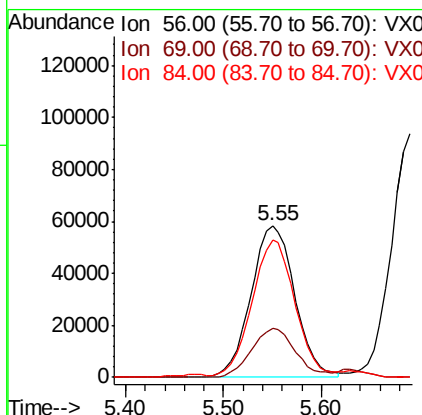
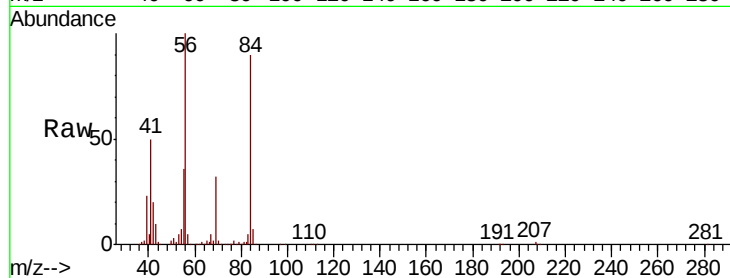
ClientSampleId :

S32-0685MSD

Tot Ion:	56	Resp:	181754
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.0	37.6
84	88.4	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.333 ug/l

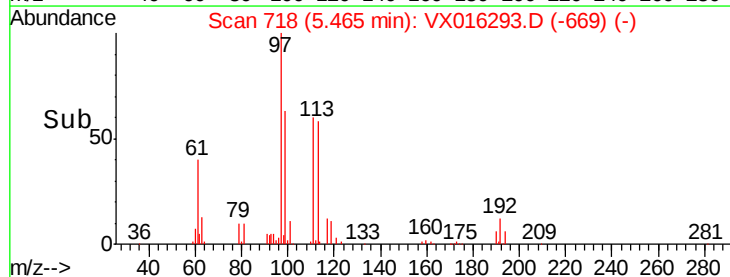
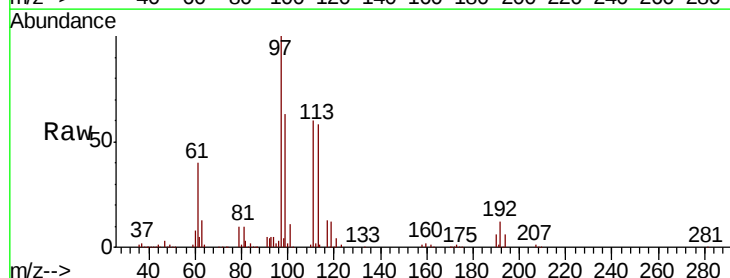
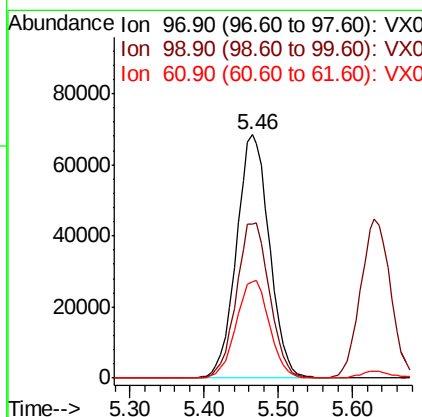
RT: 5.46 min Scan# 718

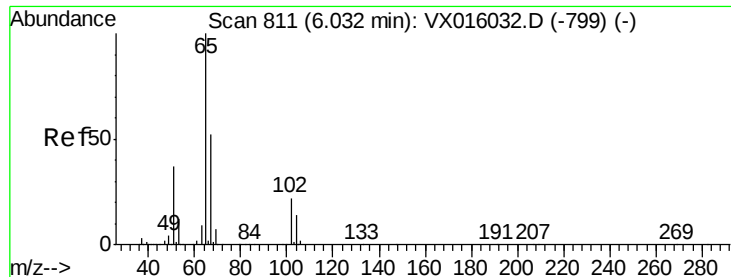
Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	97	Resp:	212047
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	40.9	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 50.671 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 65 Resp: 145625

Ion Ratio Lower Upper

65 100

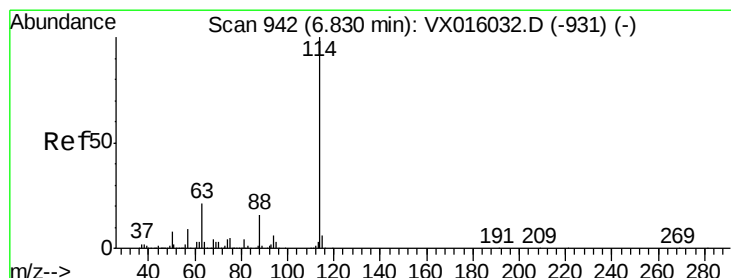
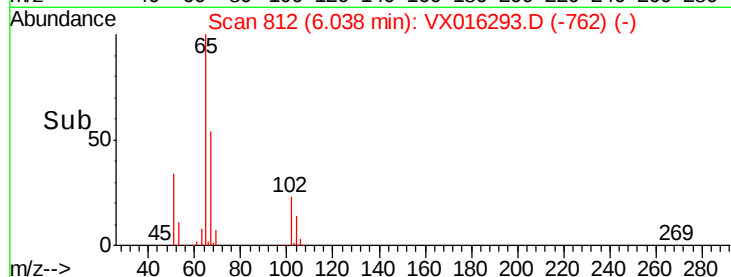
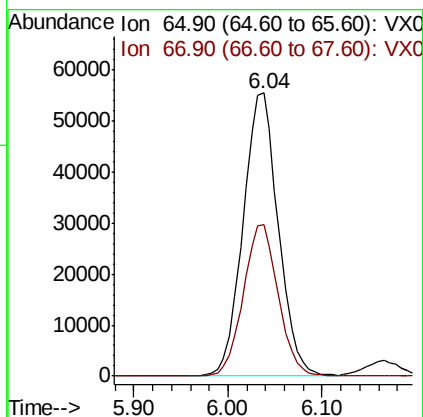
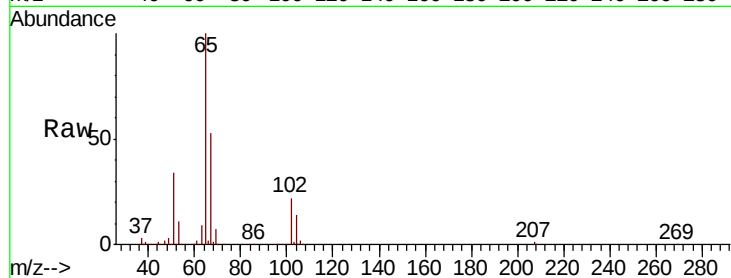
67 53.1 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

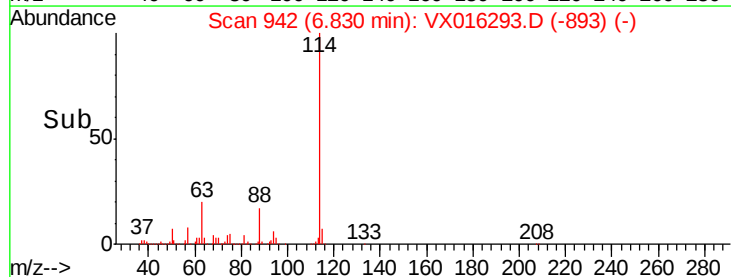
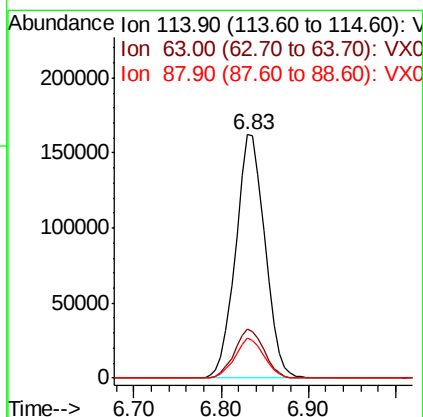
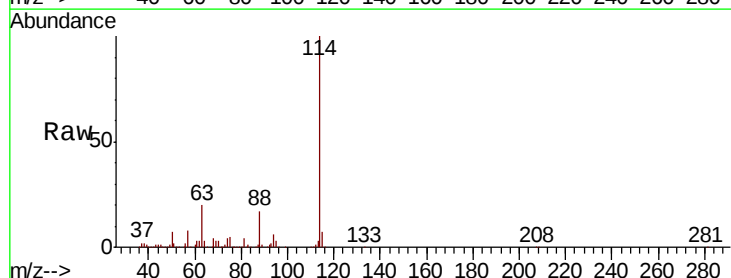
Tgt Ion: 114 Resp: 377715

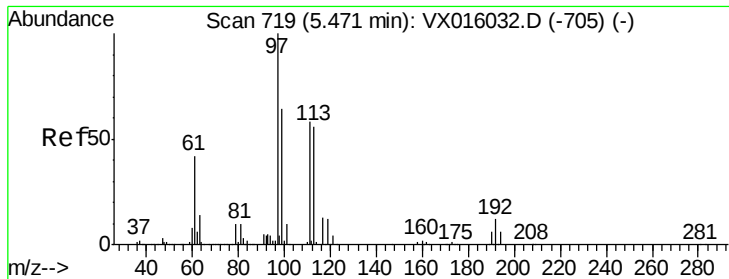
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.424 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

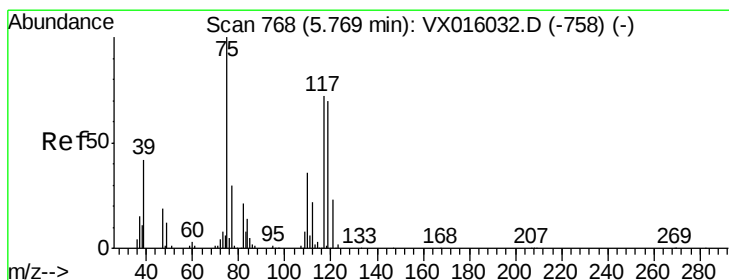
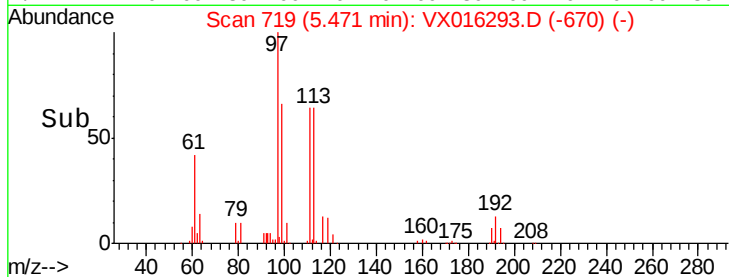
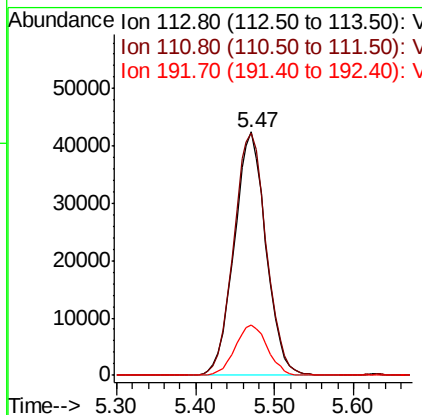
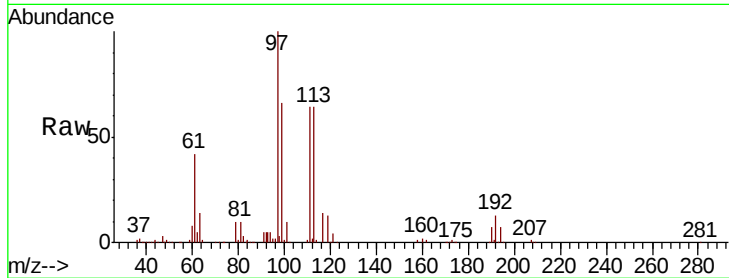
ClientSampleId :

S32-0685MSD

Tot Ion:	113	Resp:	118272
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.6	122.4
192	21.2	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.135 ug/l

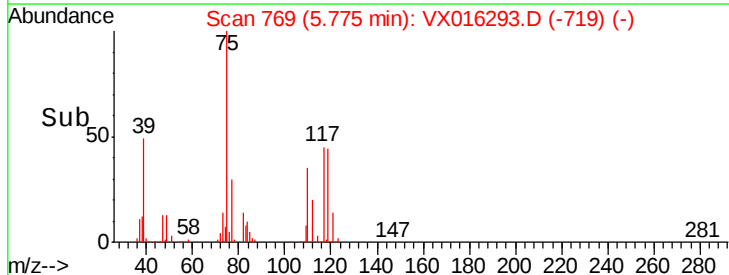
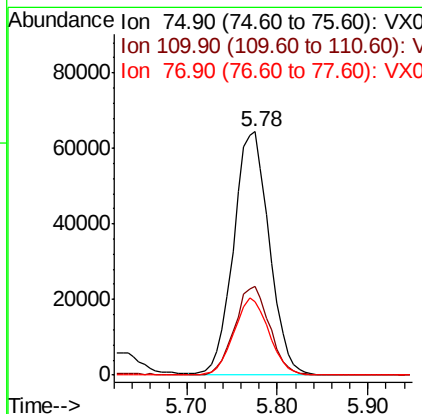
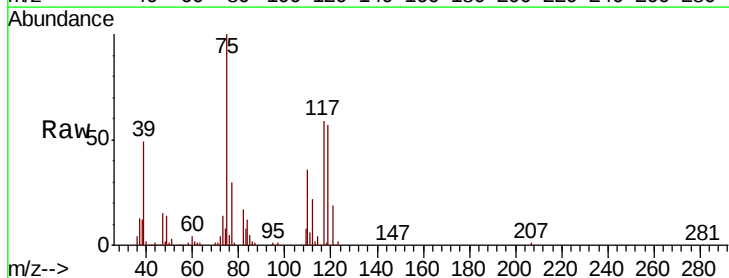
RT: 5.78 min Scan# 769

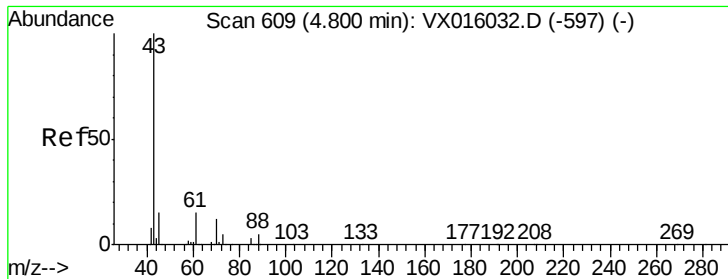
Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	75	Resp:	175252
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.1
77	31.1	25.0	37.6





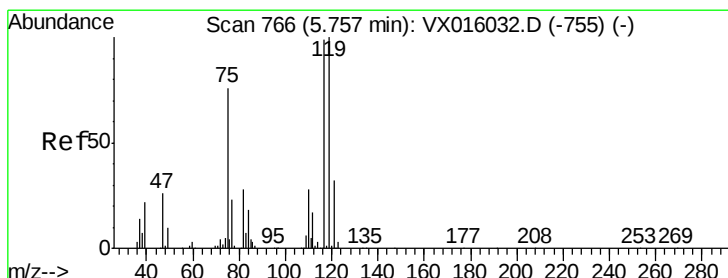
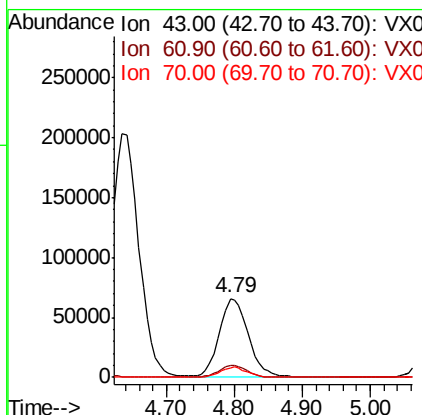
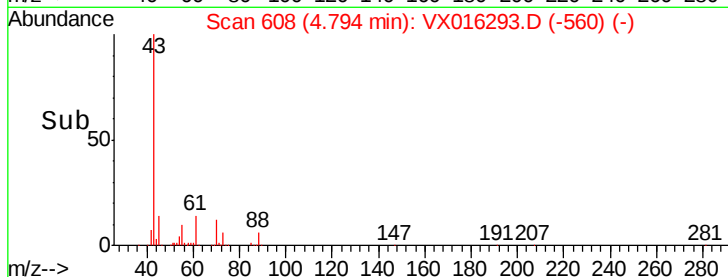
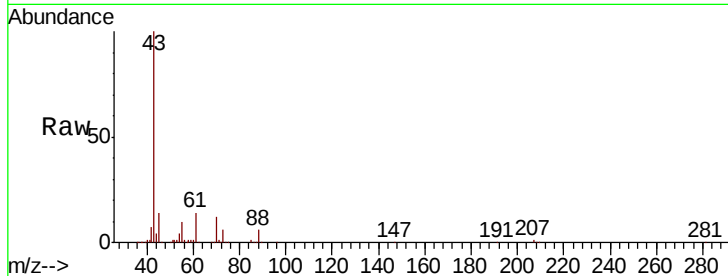
#37
Ethyl Acetate
Concen: 44.913 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion:	43	Resp:	193548
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.4	9.3	13.9

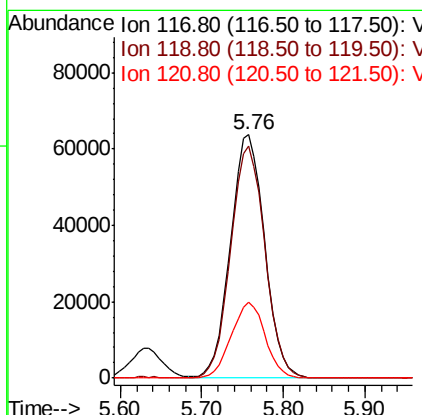
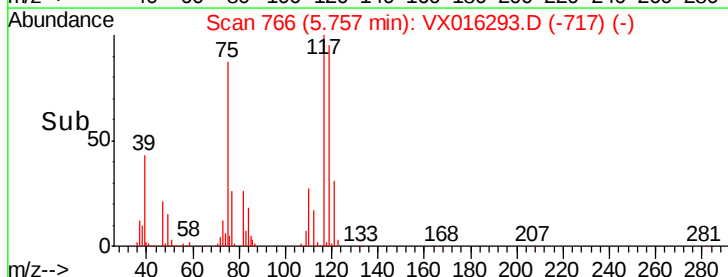
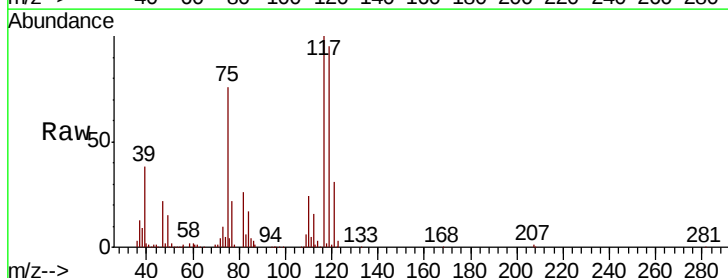
Manual Integrations
APPROVED

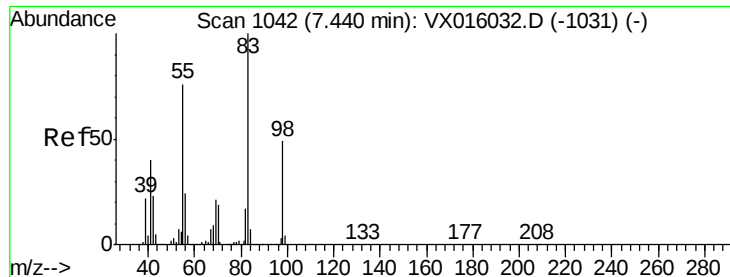
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#38
Carbon Tetrachloride
Concen: 48.910 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:	117	Resp:	184838
Ion	Ratio	Lower	Upper
117	100		
119	95.0	80.3	120.5
121	31.2	25.7	38.5





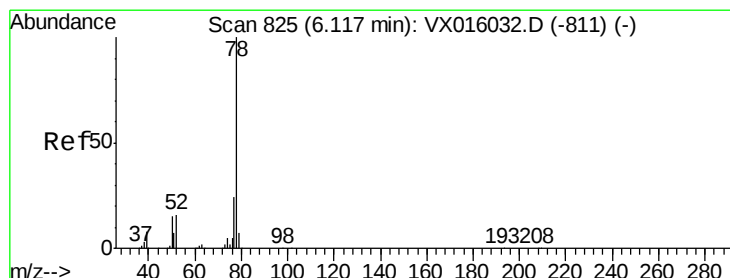
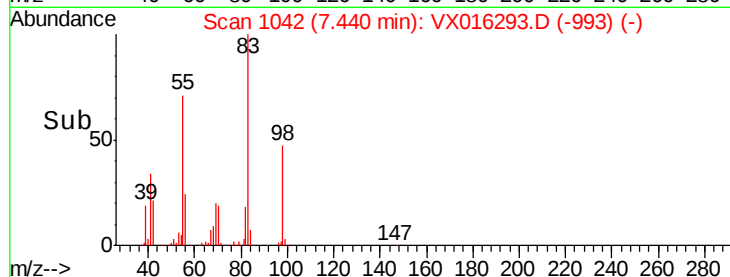
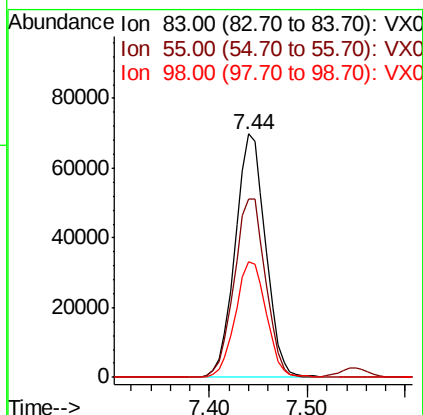
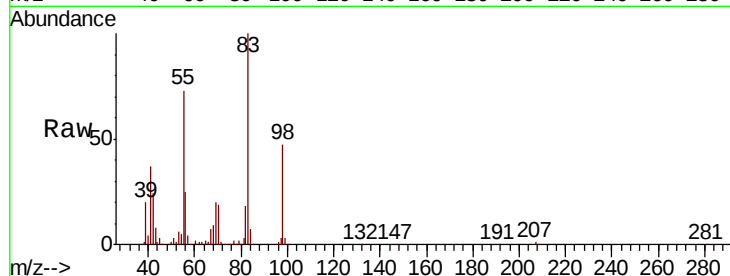
#39
Methylvlcyclohexane
Concen: 33.669 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.1	91.7
98	47.4	39.0	58.4

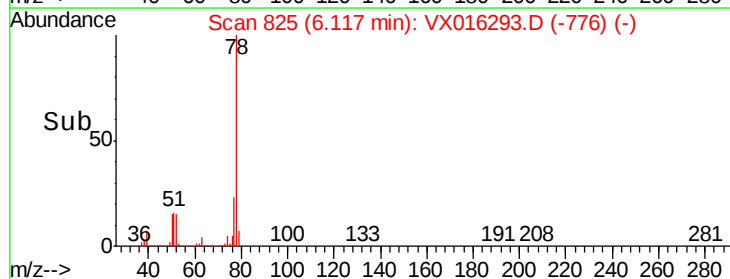
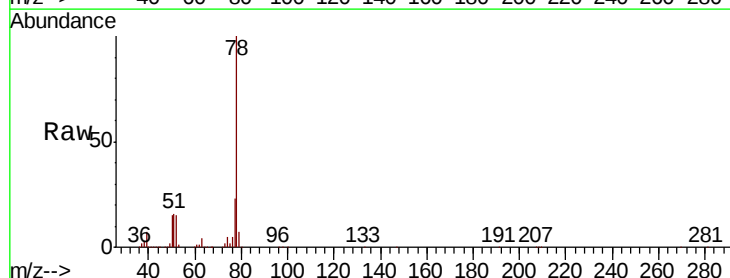
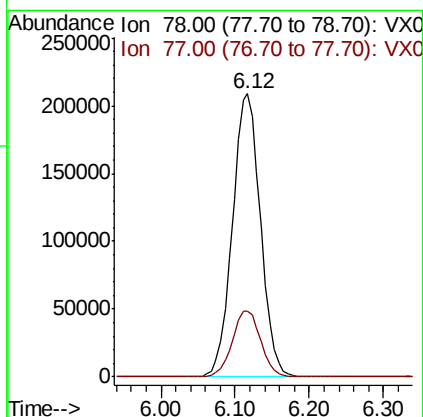
Manual Integrations
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#40
Benzene
Concen: 50.410 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





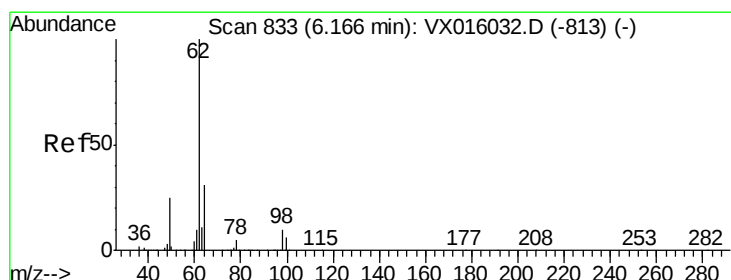
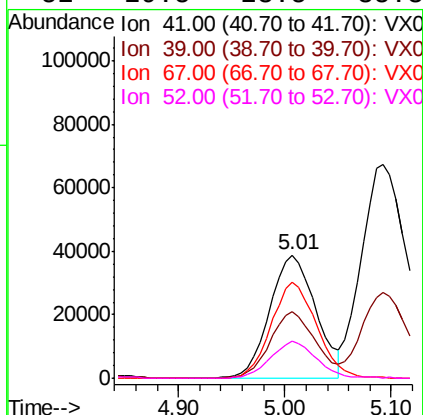
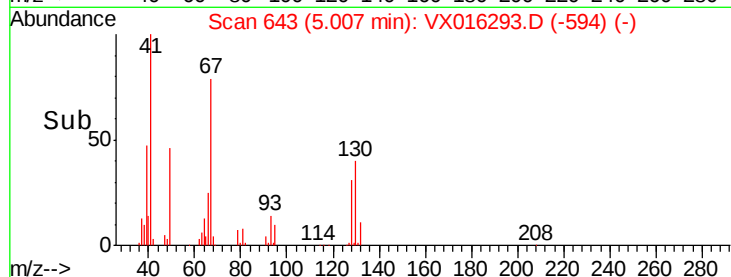
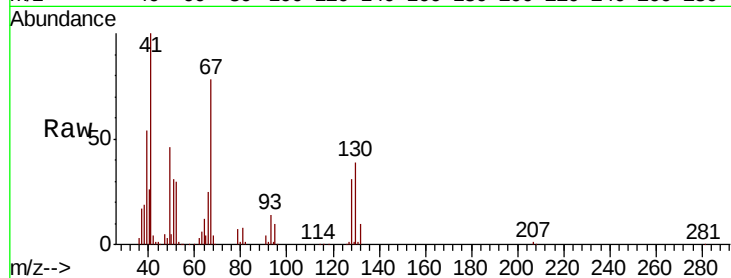
#41
Methacrylonitrile
Concen: 49.727 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.2	43.2	64.8		
67	77.6	59.3	88.9		
52	29.5	23.5	35.3		

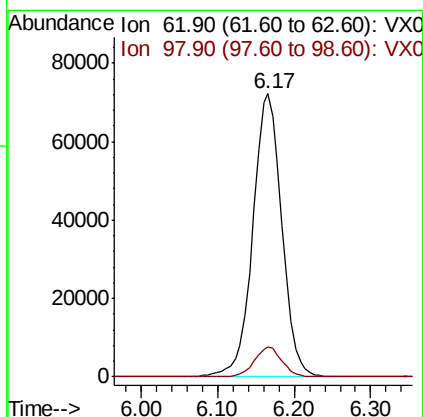
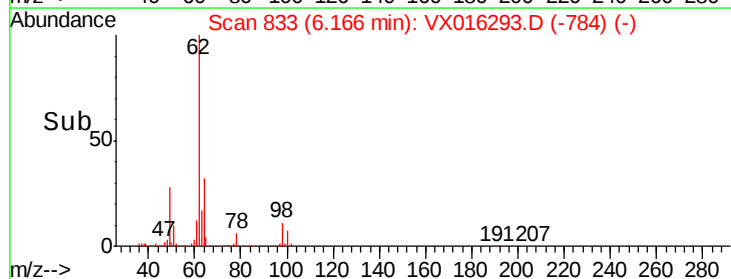
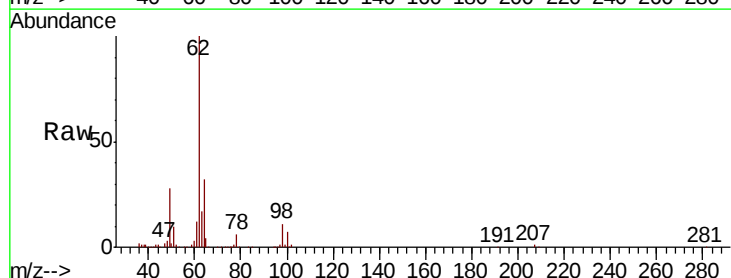
Manual Integrations
APPROVED

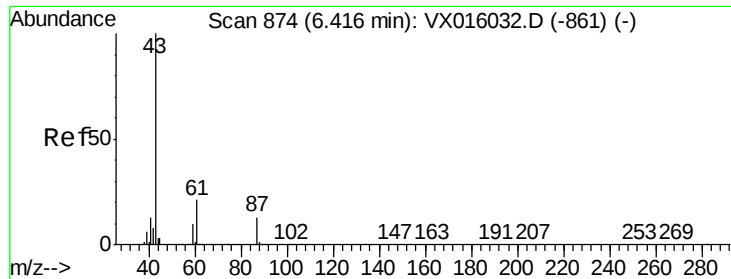
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.682 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	19.4		





#43

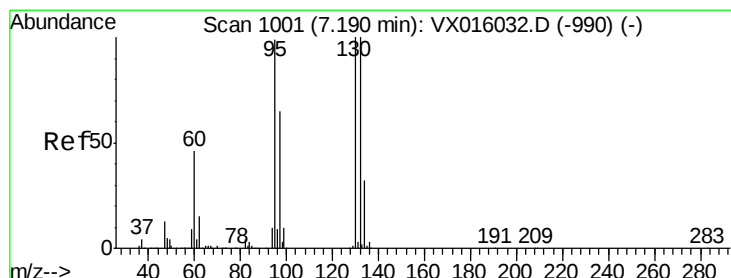
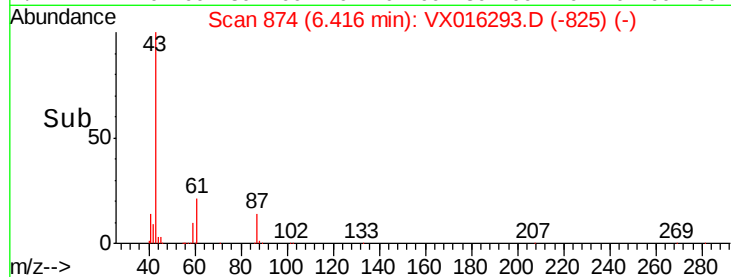
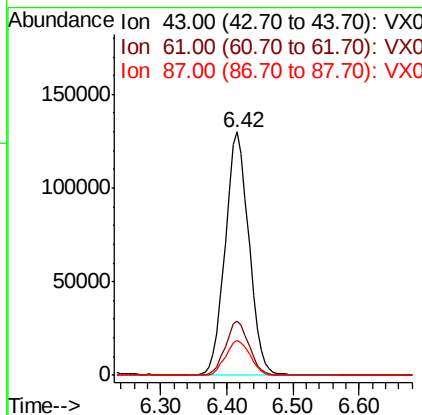
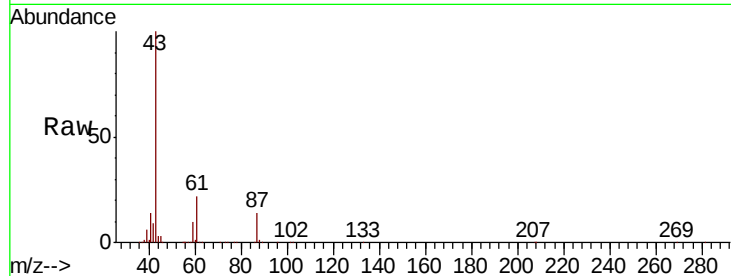
Isopropyl Acetate
 Concen: 46.618 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.8	11.0	16.6

Manual Integrations
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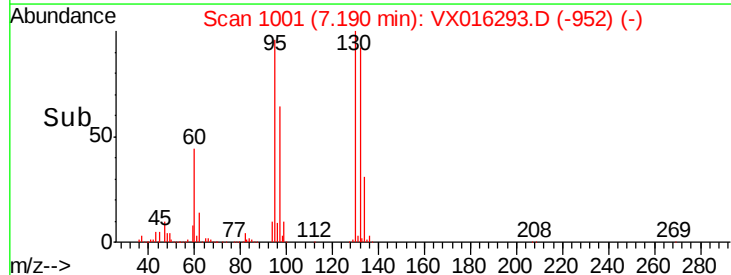
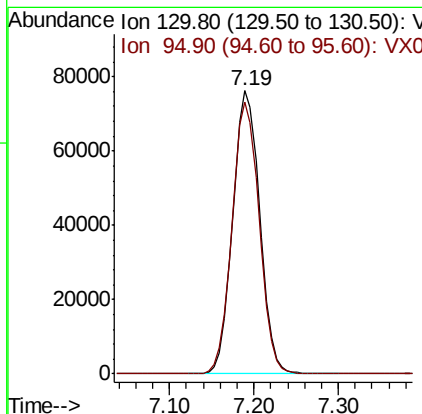
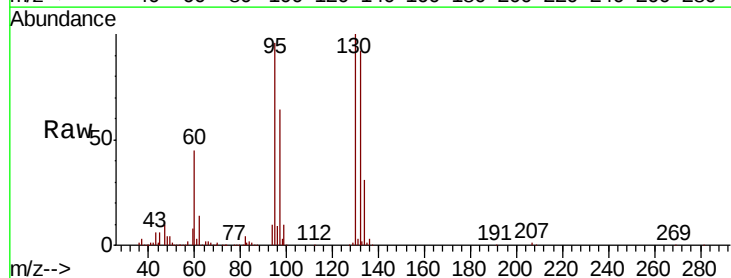
MMDadoda
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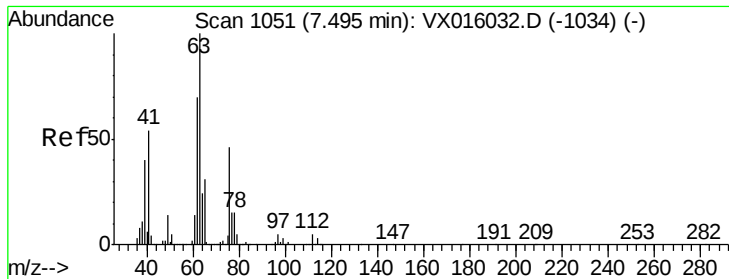


#44

Trichloroethene
 Concen: 42.552 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.603 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 63 Resp: 142050

Ion Ratio Lower Upper

63 100

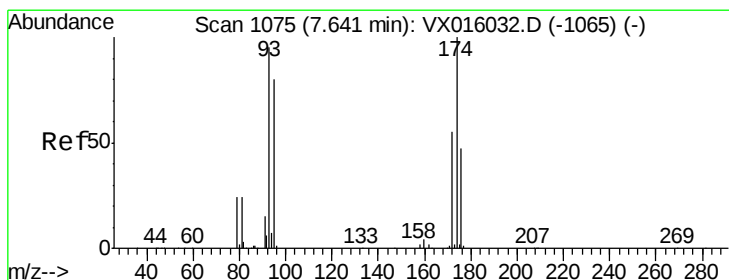
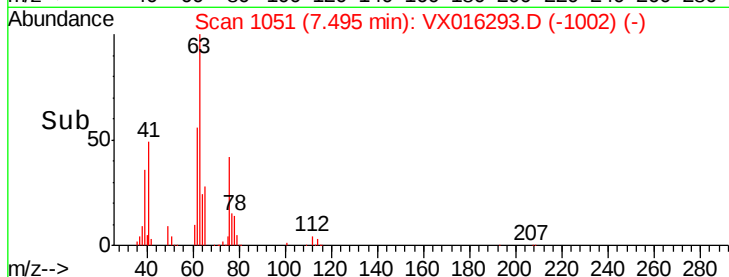
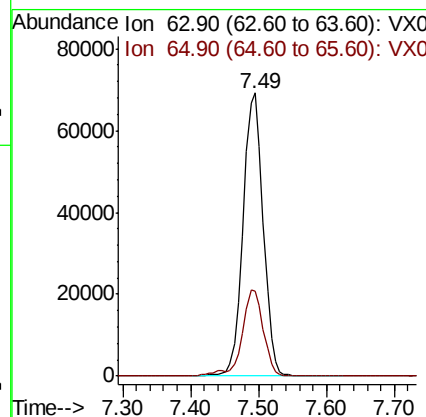
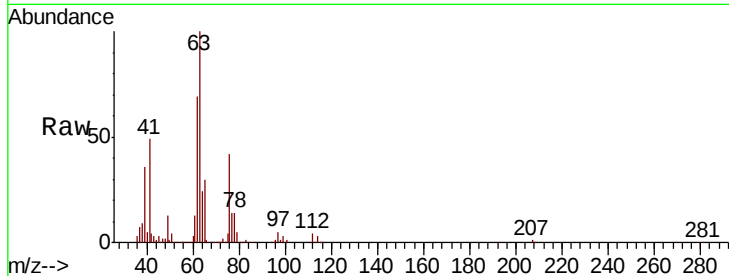
65 29.9 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 50.744 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

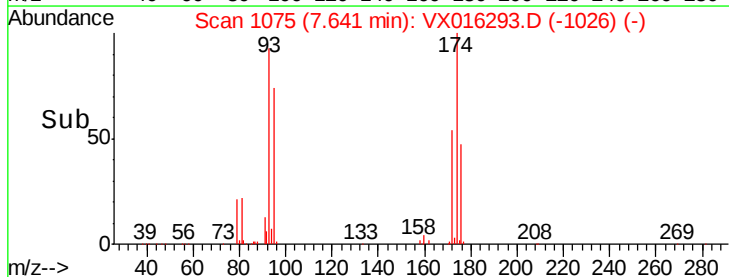
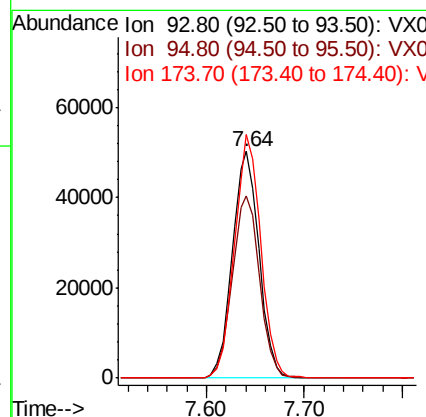
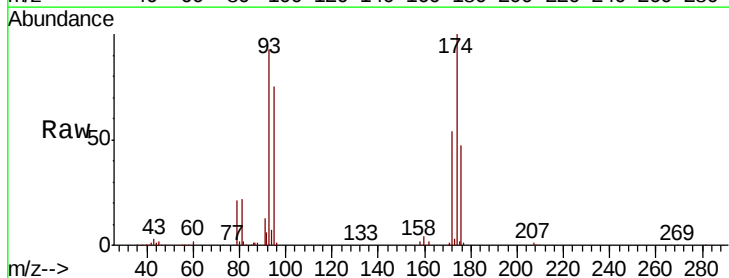
Tgt Ion: 93 Resp: 94925

Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 105.9 84.2 126.4





#47

Bromodichloromethane

Concen: 52.205 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

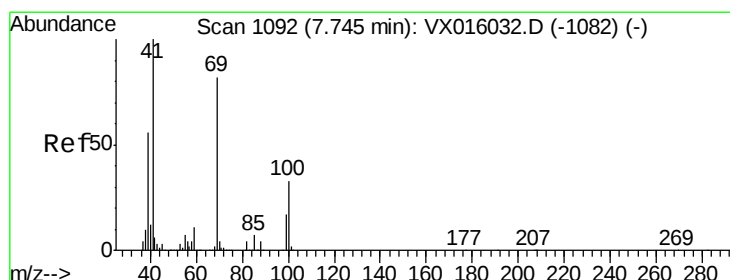
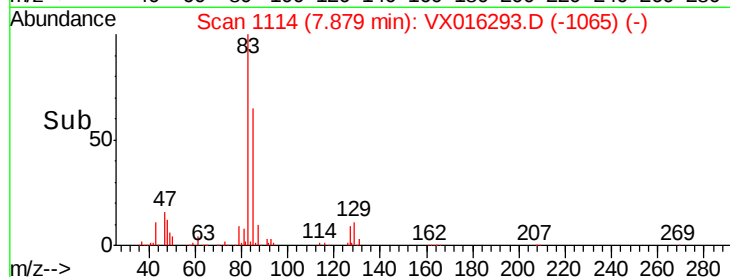
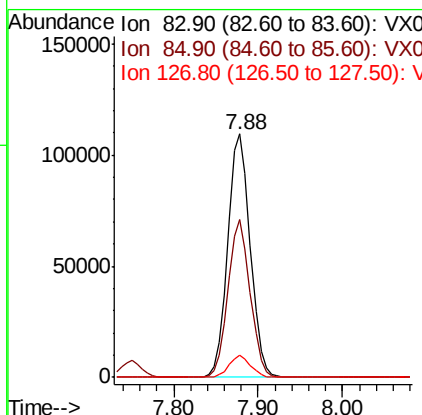
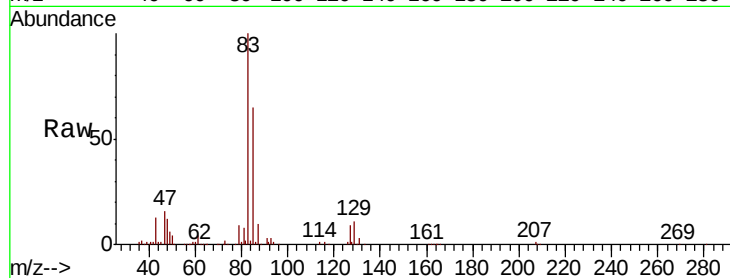
ClientSampleId :

S32-0685MSD

Tot Ion:	83	Resp:	198896
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.5	75.7
127	9.0	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.486 ug/l

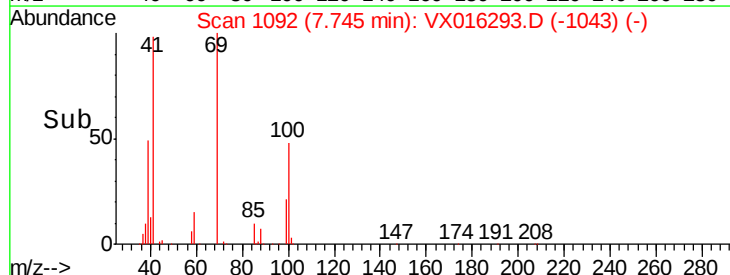
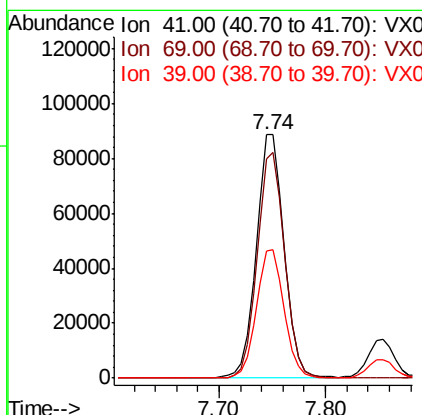
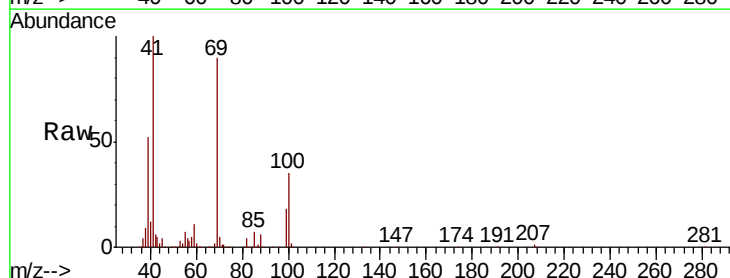
RT: 7.74 min Scan# 1092

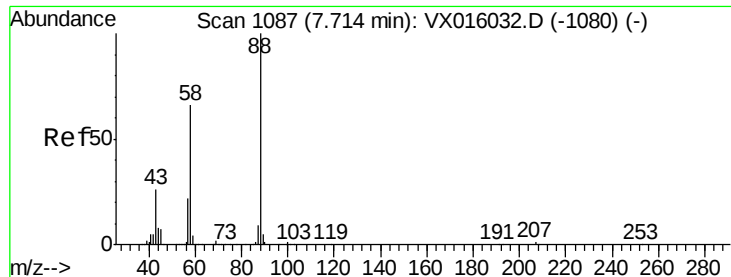
Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	41	Resp:	161227
Ion Ratio	Lower	Upper	
41	100		
69	92.1	67.8	101.6
39	52.6	44.6	67.0





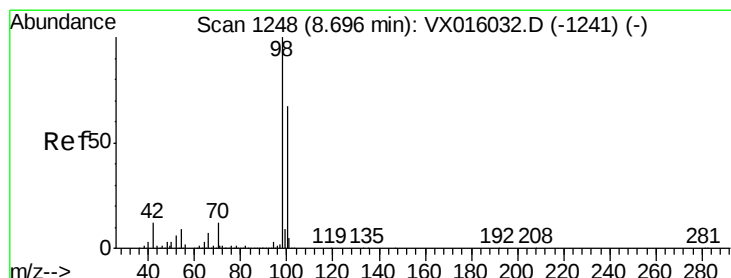
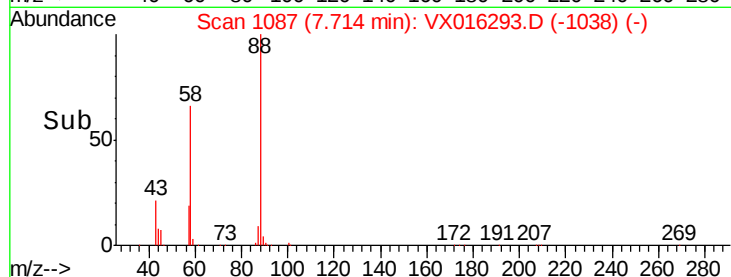
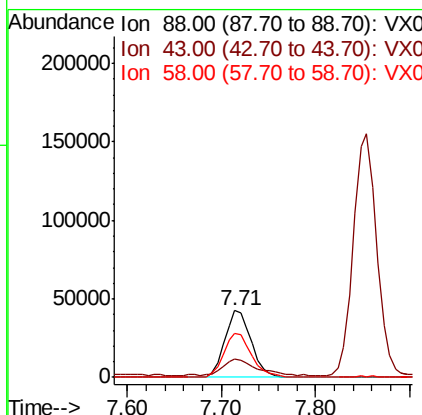
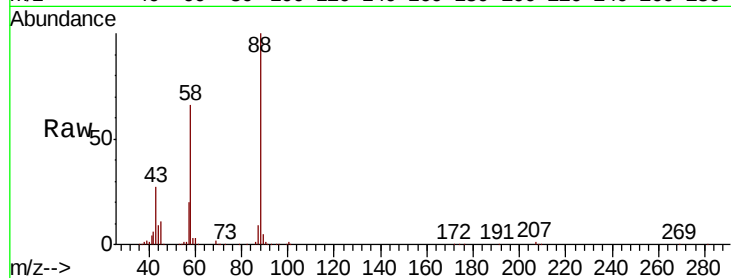
#49
1,4-Dioxane
Concen: 1056.671 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.3	37.9
58	68.9	55.9	83.9

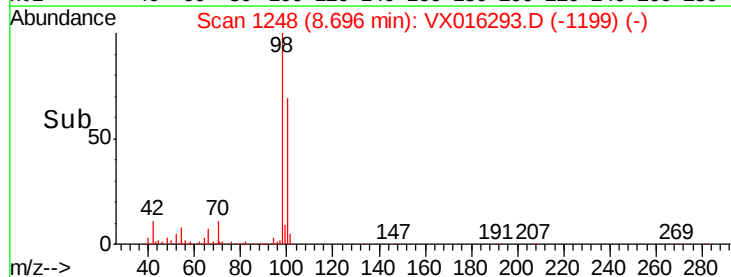
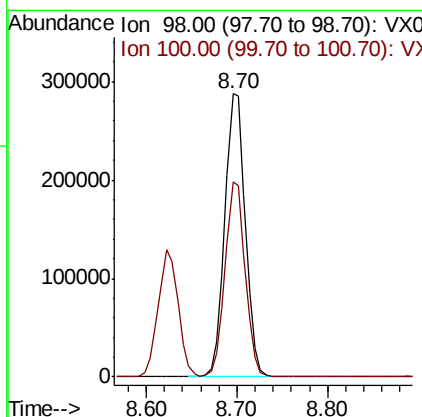
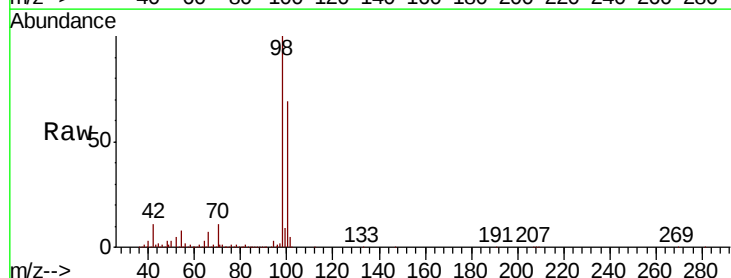
Manual Integrations
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#50
Toluene-d8
Concen: 49.100 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 262.312 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 43 Resp: 1103689

Ion Ratio Lower Upper

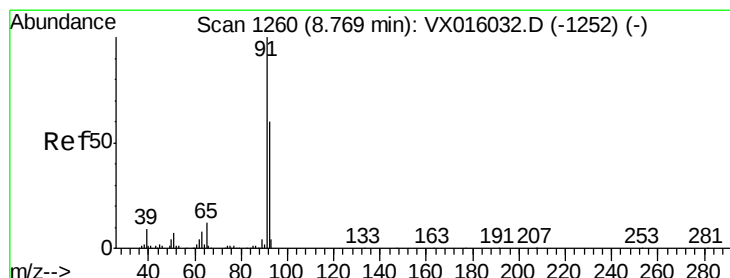
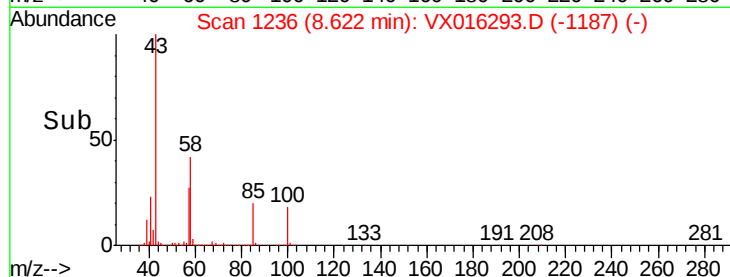
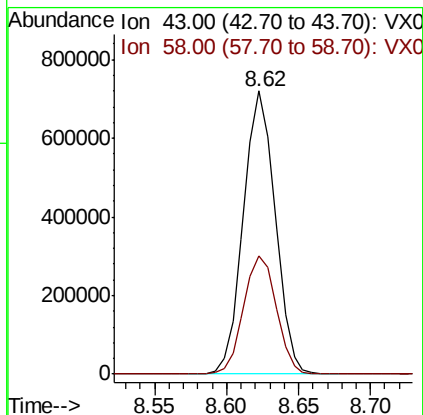
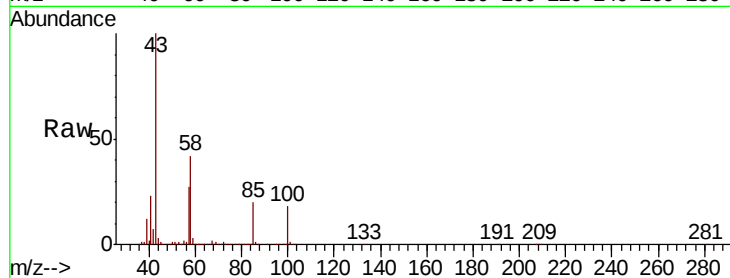
43 100

58 43.0 33.0 49.4

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#52

Toluene

Concen: 50.758 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016293.D

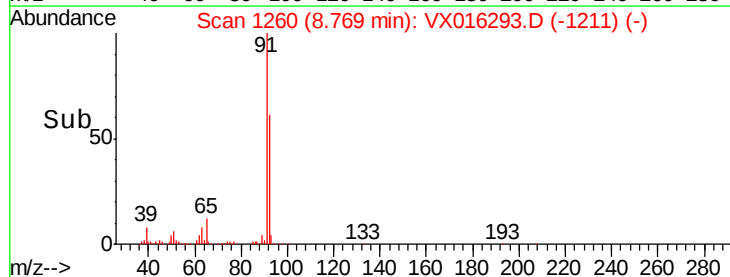
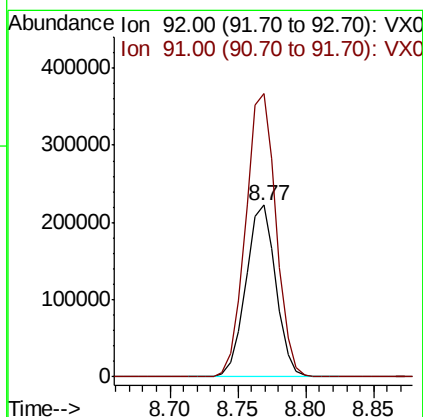
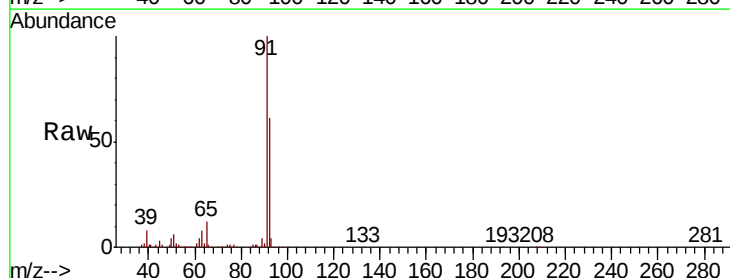
Acq: 15 May 2020 19:59

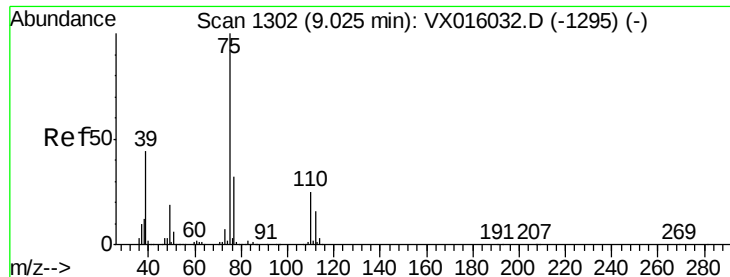
Tgt Ion: 92 Resp: 344191

Ion Ratio Lower Upper

92 100

91 167.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.842 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 75 Resp: 221869

Ion Ratio Lower Upper

75 100

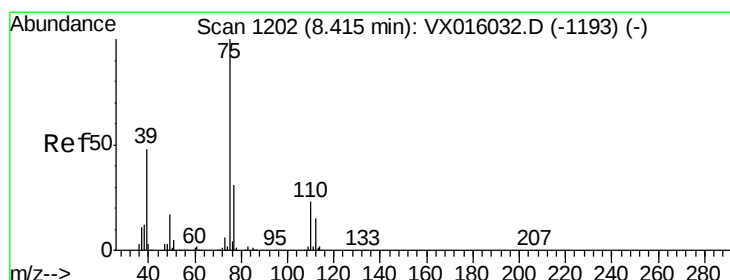
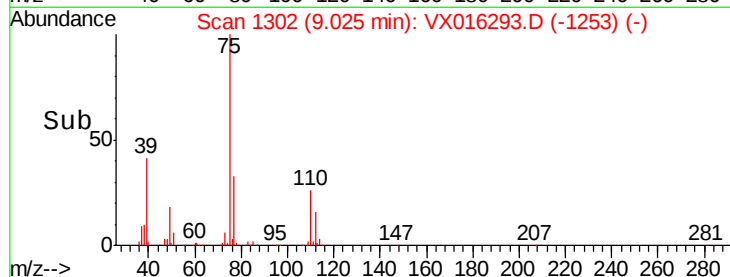
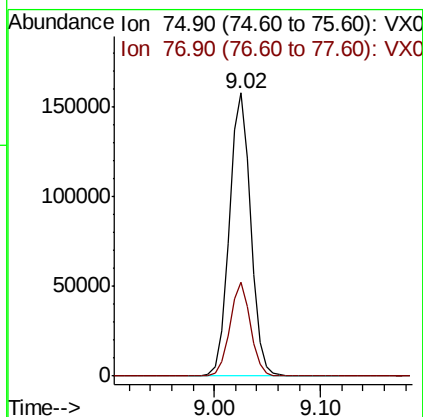
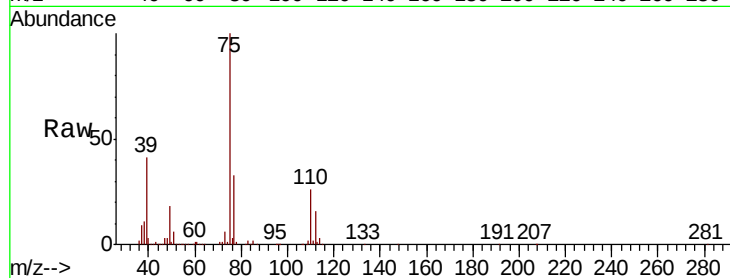
77 33.4 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.054 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

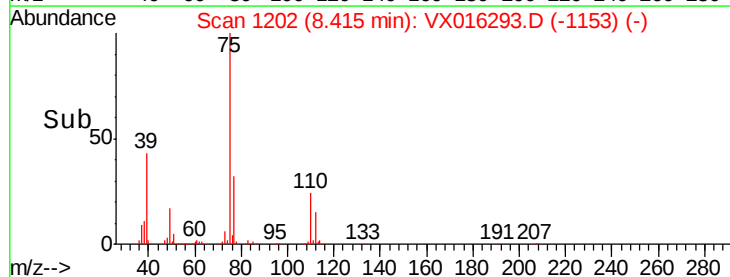
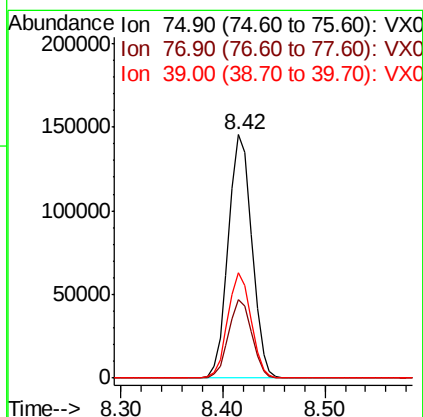
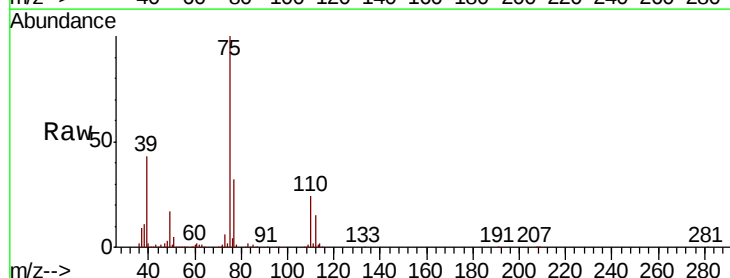
Tgt Ion: 75 Resp: 232749

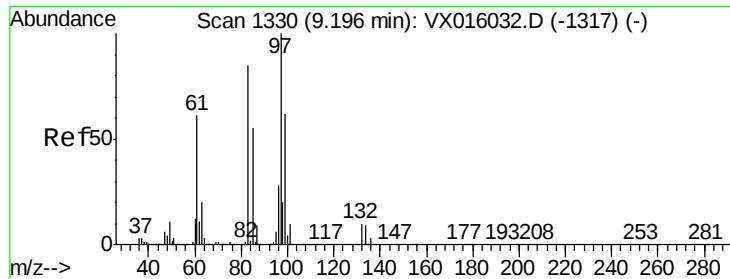
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 43.0 38.7 58.1





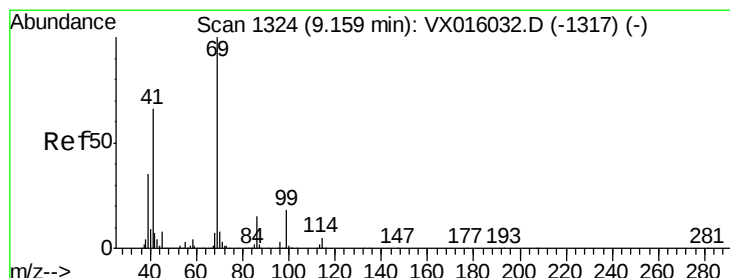
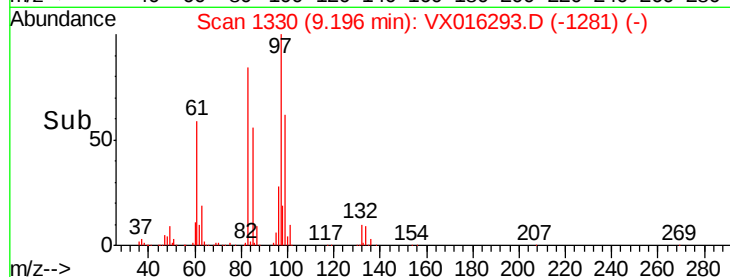
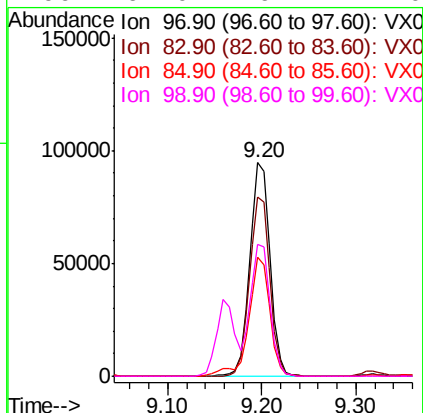
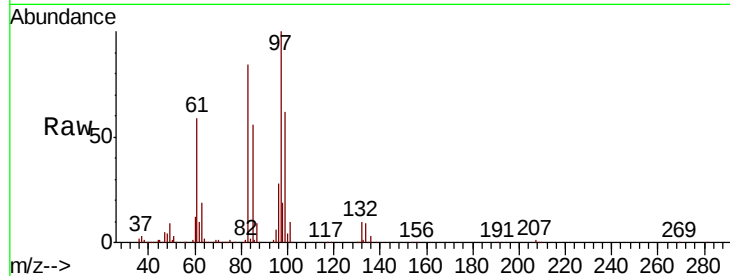
#55
 1,1,2-Trichloroethane
 Concen: 53.679 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0685MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		143209		
83	83.8	67.8	101.8		
85	55.6	43.8	65.8		
99	62.0	49.4	74.0		

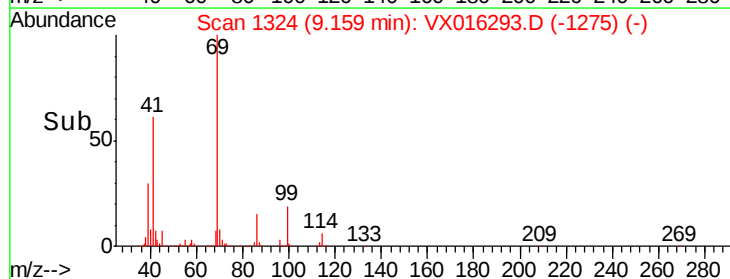
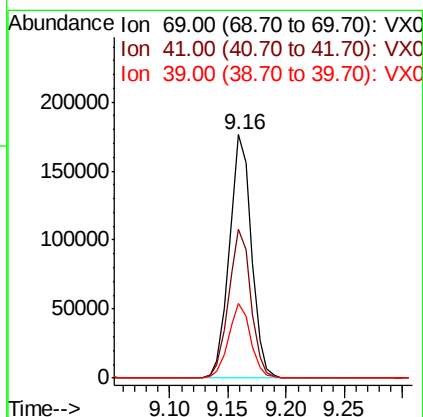
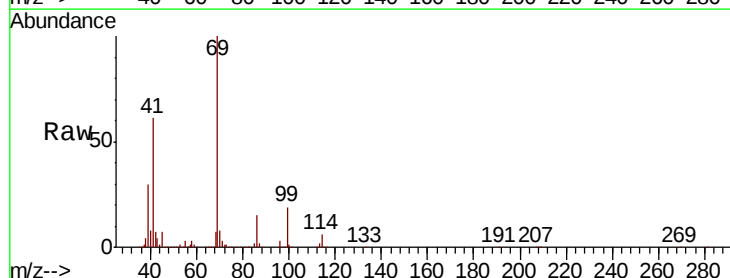
Manual Integrations
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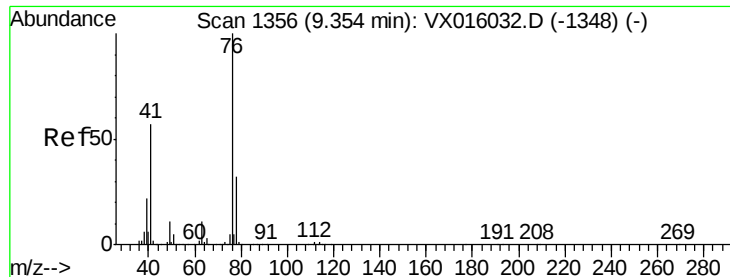
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#56
 Ethyl methacrylate
 Concen: 53.578 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		233325		
41	60.8	52.2	78.4		
39	30.6	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 51.998 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 76 Resp: 242061

Ion Ratio Lower Upper

76 100

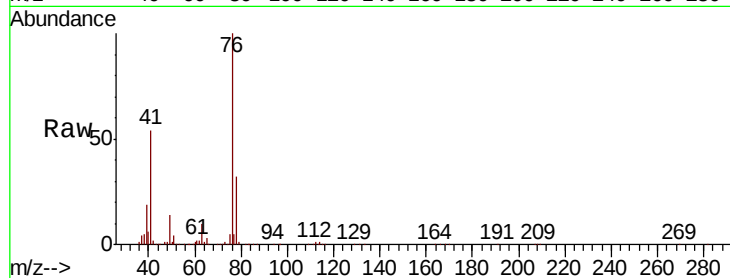
78 32.4 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

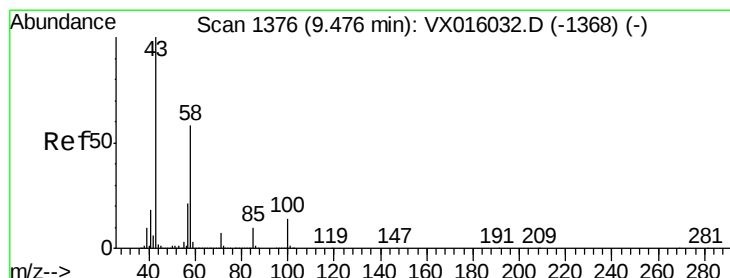
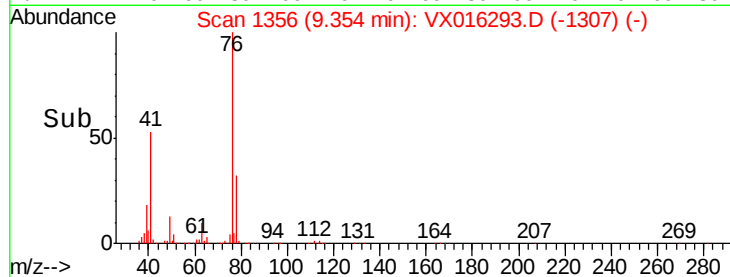
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 261.837 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016293.D

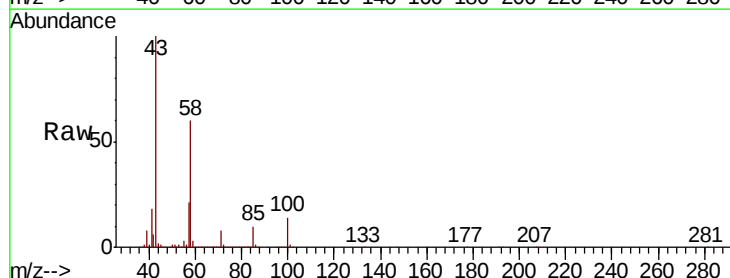
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 865183

Ion Ratio Lower Upper

43 100

58 60.3 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

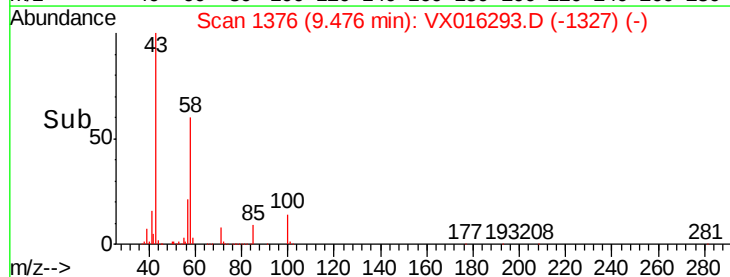
400000

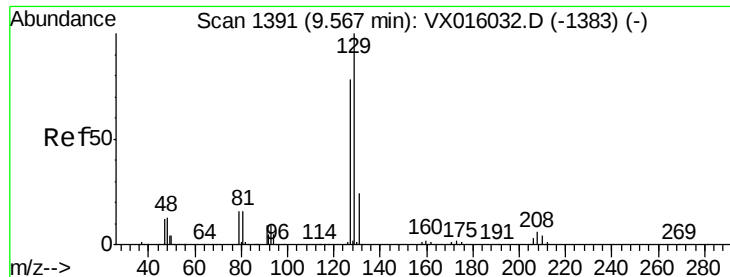
200000

0

9.40 9.45 9.50 9.55

Time-->





#60

Dibromochloromethane

Concen: 54.490 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion:129 Resp: 160109

Ion Ratio Lower Upper

129 100

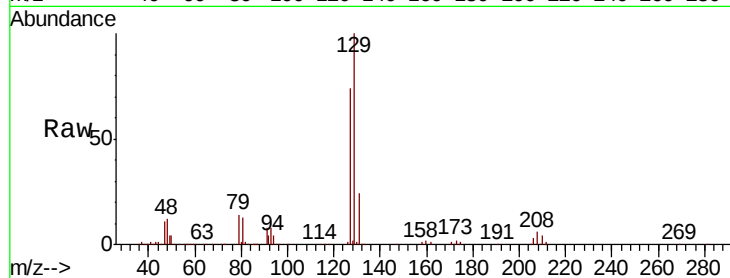
127 77.1 38.4 115.2

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

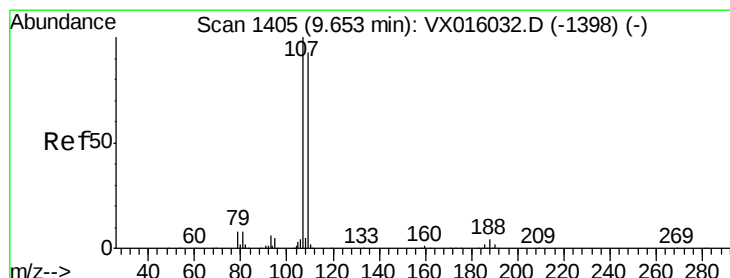
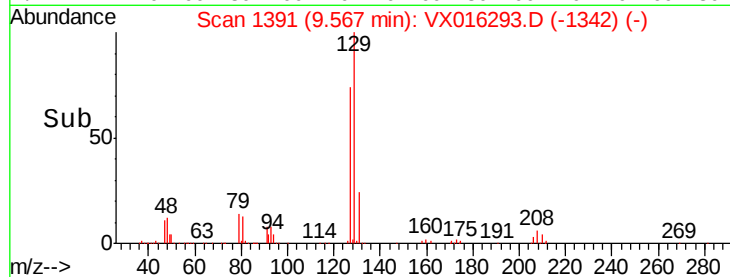
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 52.483 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016293.D

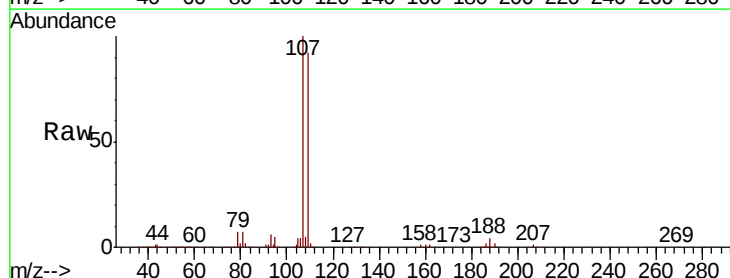
Acq: 15 May 2020 19:59

Tgt Ion:107 Resp: 151666

Ion Ratio Lower Upper

107 100

109 94.0 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

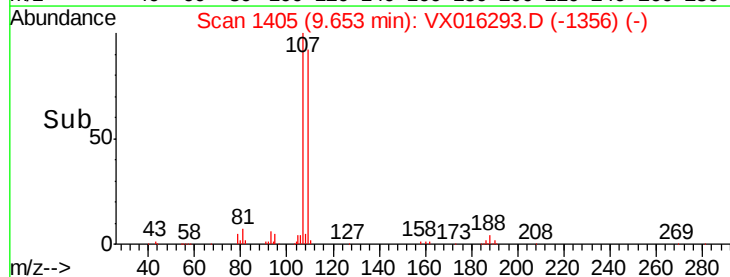
60000

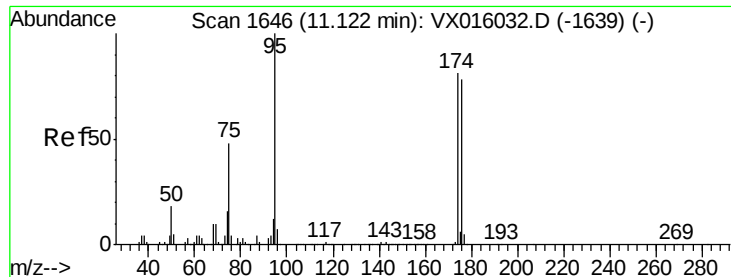
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.259 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

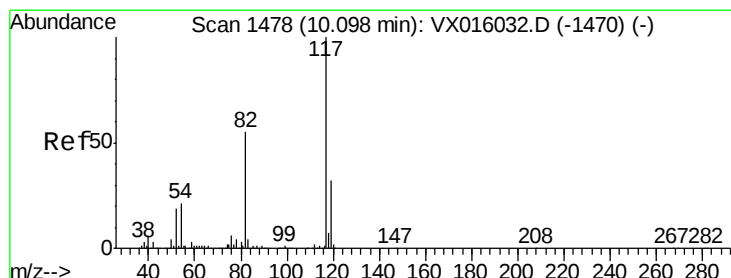
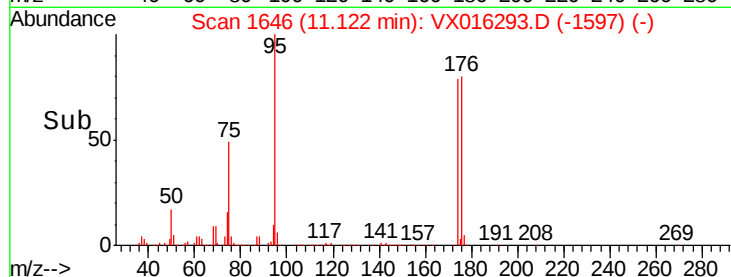
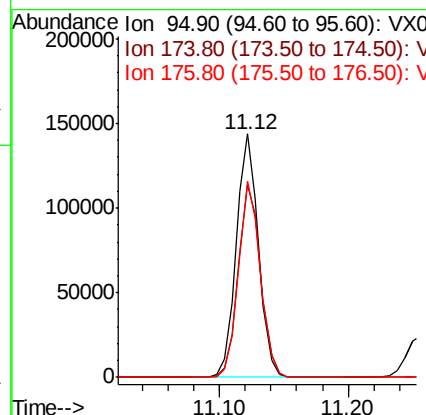
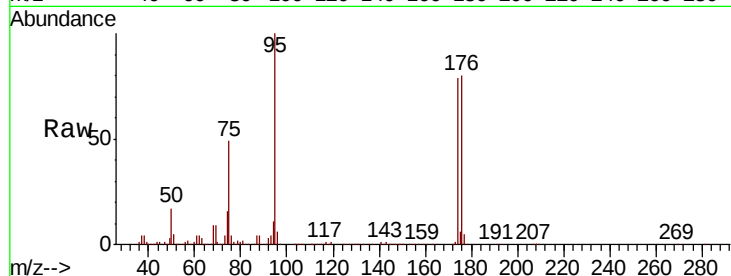
ClientSampleId :

S32-0685MSD

Tot Ion:	95	Resp:	172752
Ion Ratio	Lower	Upper	
95	100		
174	79.9	0.0	159.4
176	78.9	0.0	157.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

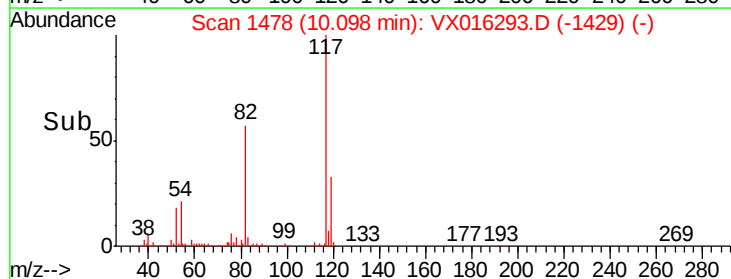
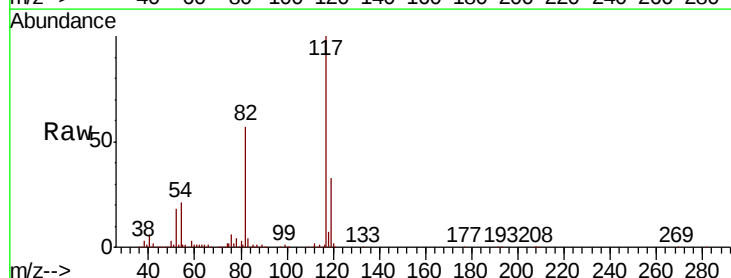
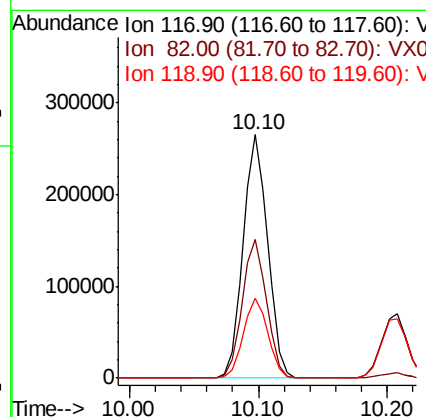
RT: 10.10 min Scan# 1478

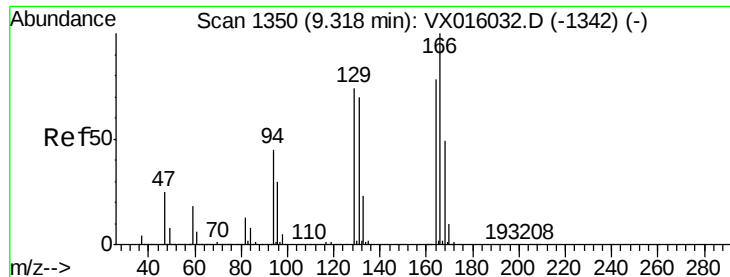
Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	117	Resp:	349169
Ion Ratio	Lower	Upper	
117	100		
82	57.0	44.4	66.6
119	32.9	25.5	38.3





#64

Tetrachloroethene

Concen: 36.000 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

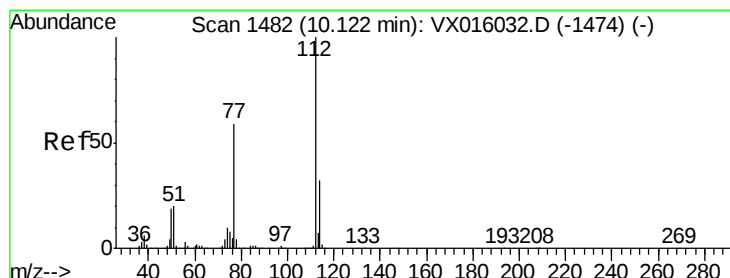
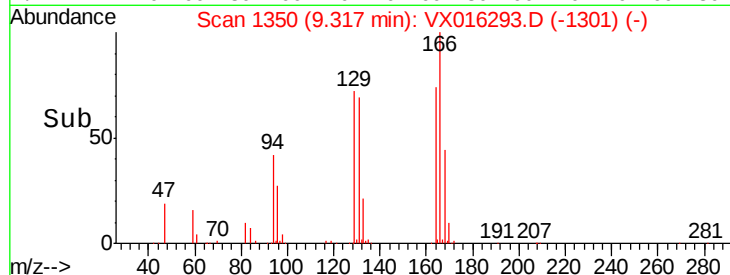
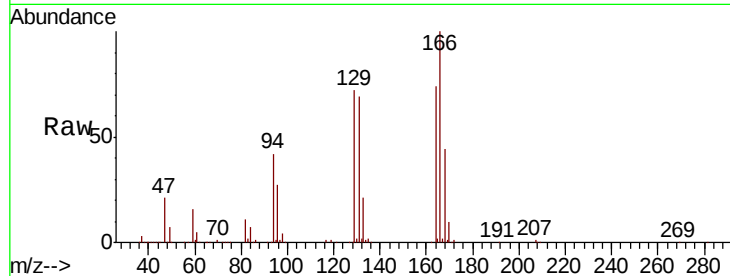
ClientSampleId :

S32-0685MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	135.6	102.9	154.3
129	98.2	76.1	114.1
131	94.0	71.9	107.9

Manual Integrations
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#65

Chlorobenzene

Concen: 49.918 ug/l

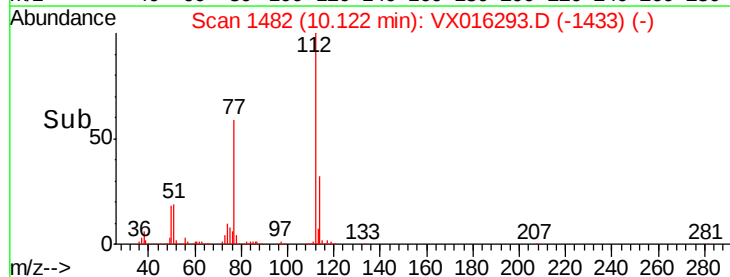
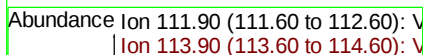
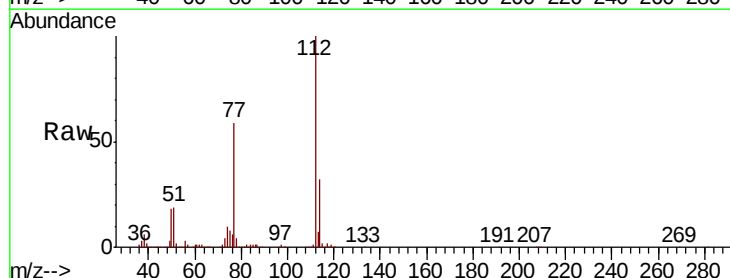
RT: 10.12 min Scan# 1482

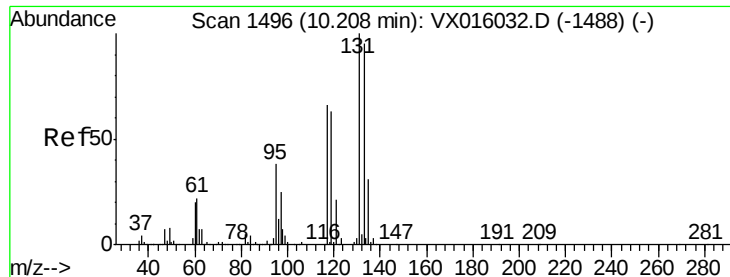
Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 53.055 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

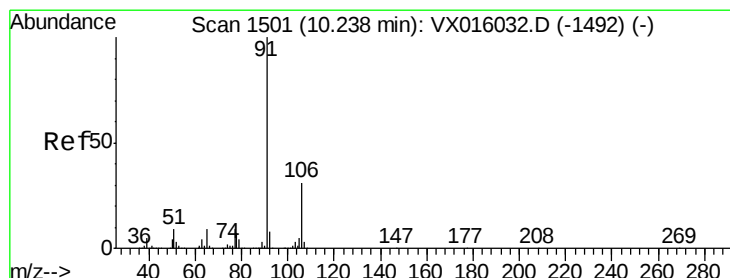
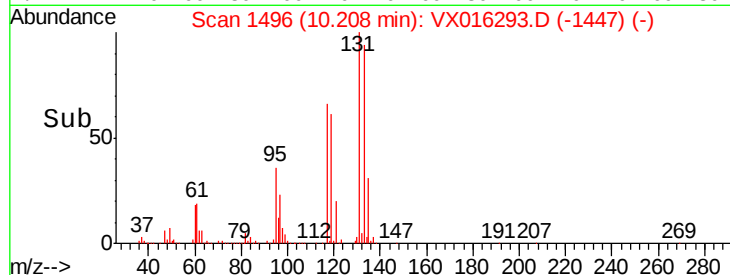
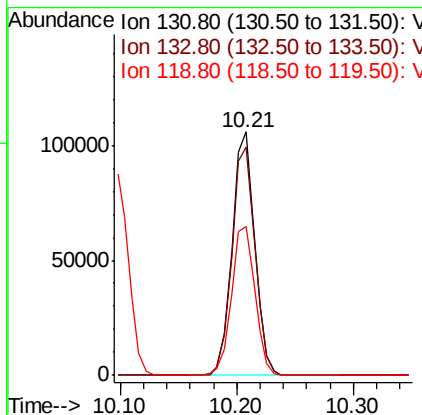
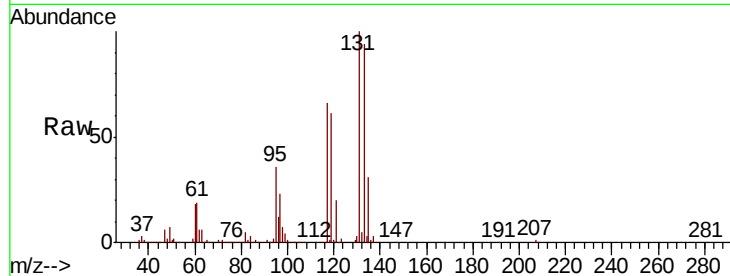
ClientSampleId :

S32-0685MSD

Tot Ion:	131	Resp:	143370
Ion Ratio	Lower	Upper	
131	100		
133	96.1	48.3	144.8
119	63.6	32.3	96.9

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.155 ug/l

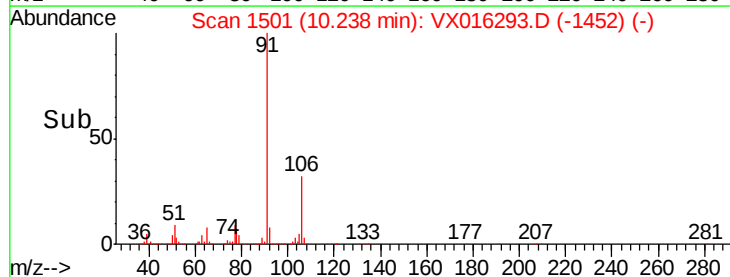
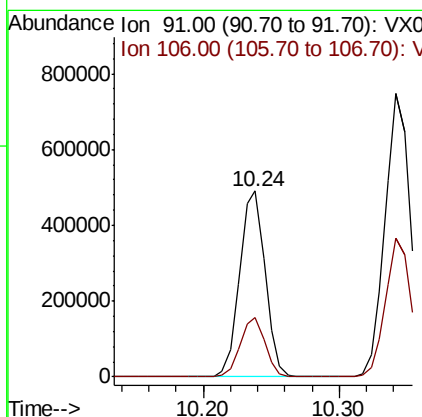
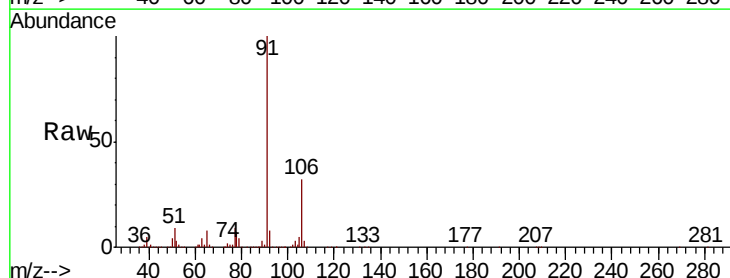
RT: 10.24 min Scan# 1501

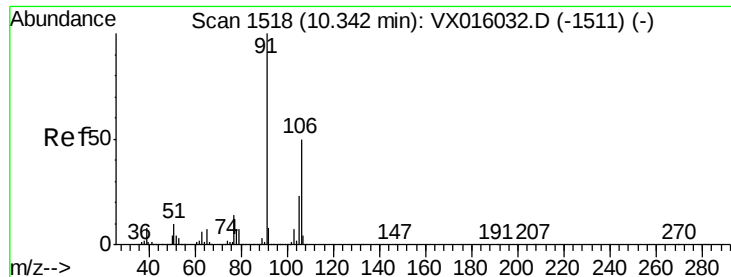
Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	91	Resp:	641226
Ion Ratio	Lower	Upper	
91	100		
106	32.0	25.1	37.7





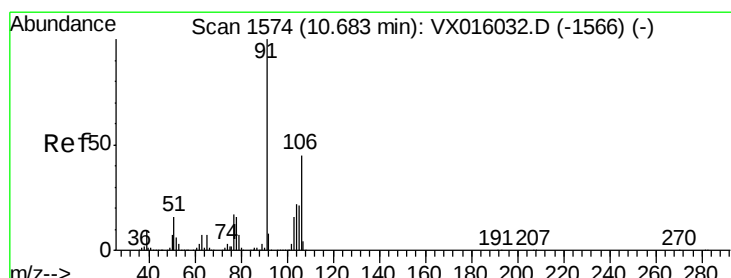
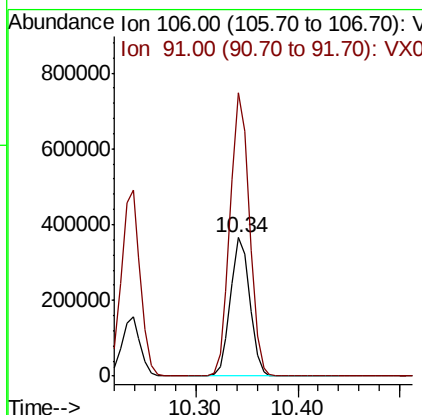
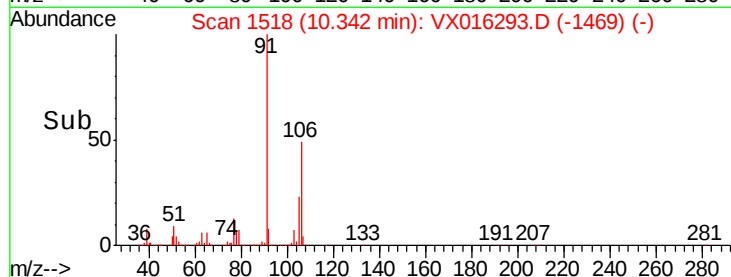
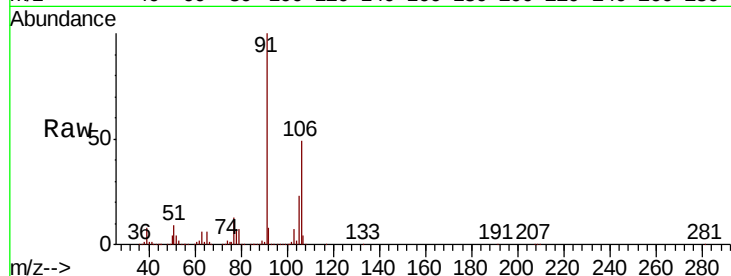
#68
m/p-Xylenes
Concen: 97.818 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		478086		
91	204.0	161.7	242.5		

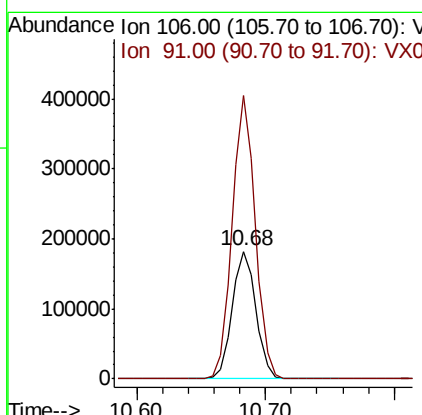
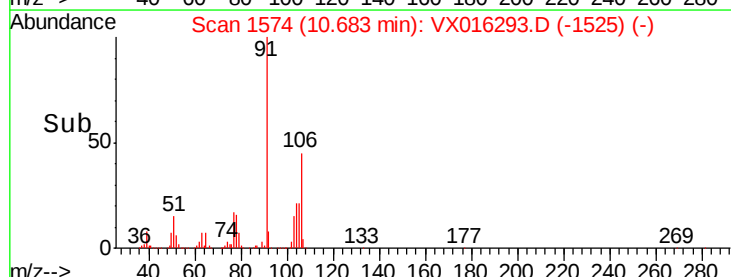
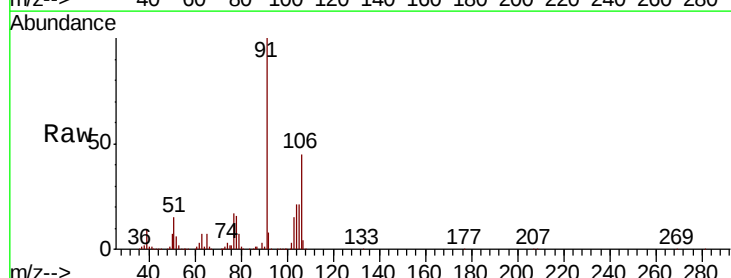
Manual Integrations
APPROVED

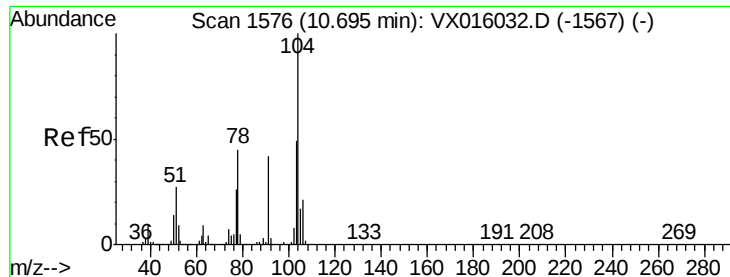
MMDadoda
5/18/2020 12:52:53 PM



#69
o-Xylene
Concen: 49.835 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		234128		
91	216.3	107.5	322.6		





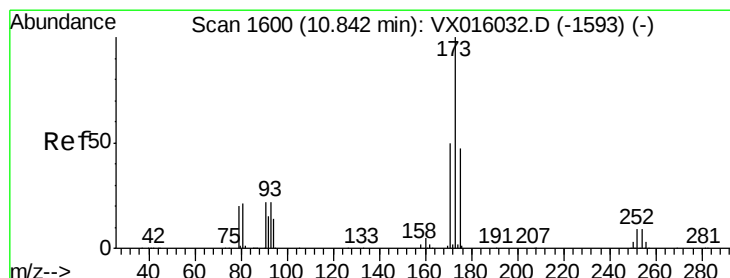
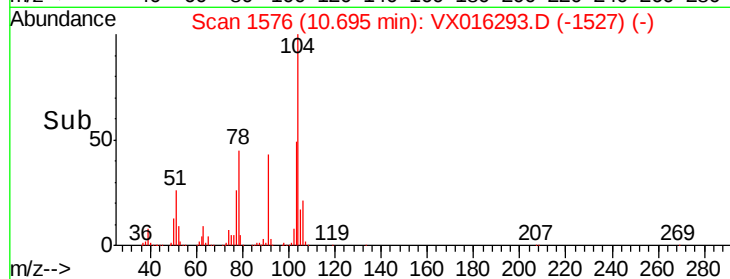
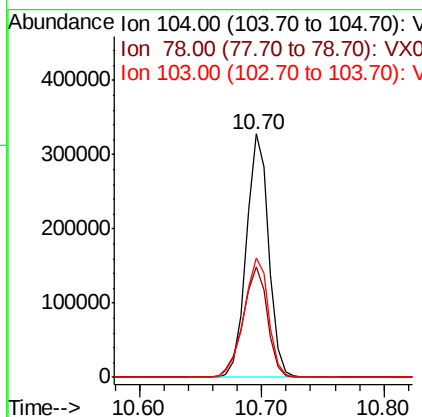
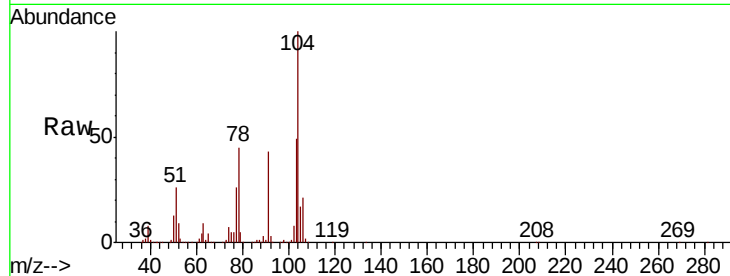
#70
Stvrene
Concen: 52.115 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	415366		
78	49.7		40.2	60.2
103	53.9		43.0	64.6

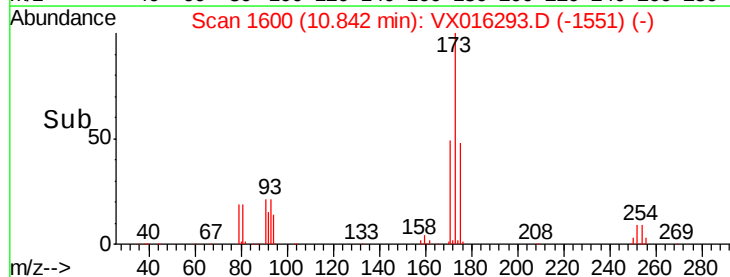
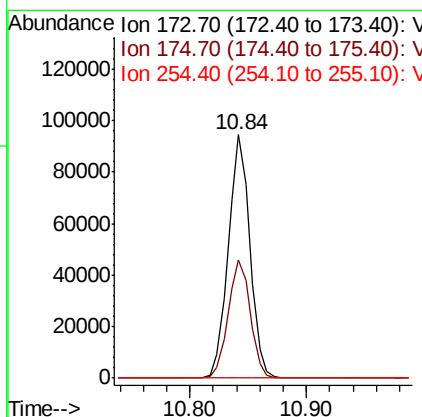
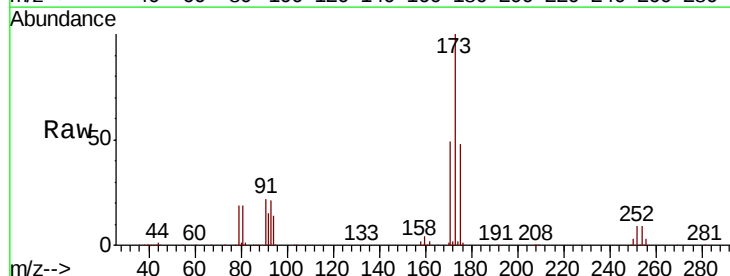
Manual Integrations
APPROVED

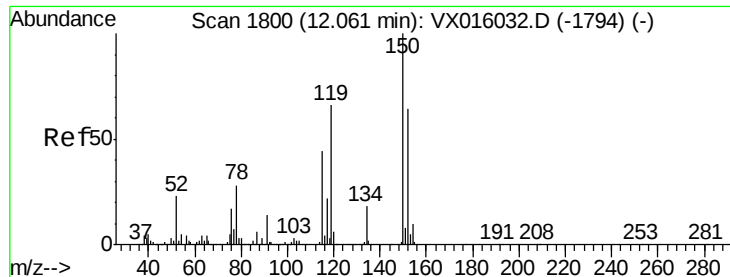
MMDadoda
5/18/2020 12:52:53 PM



#71
Bromoform
Concen: 55.192 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	121513		
175	49.7		24.0	72.0
254	0.2		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: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

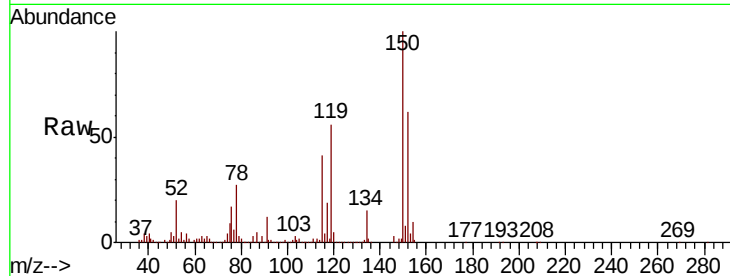
ClientSampleId :

S32-0685MSD

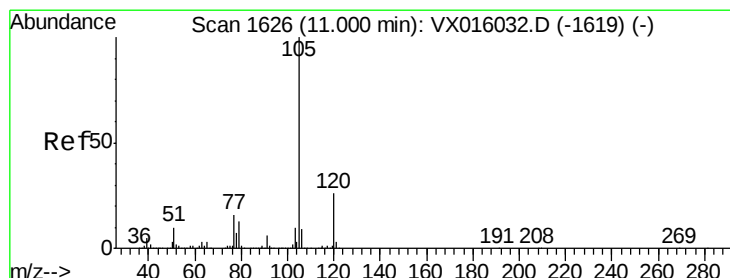
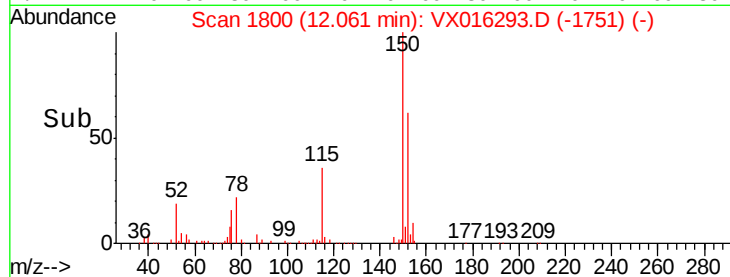
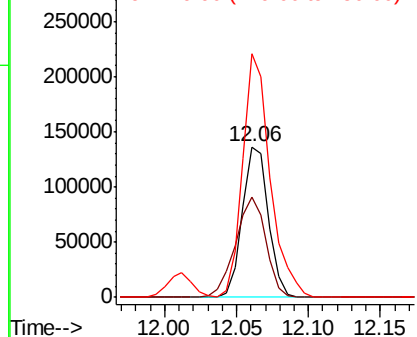
Tot Ion:	152	Resp:	170864
Ion Ratio	Lower	Upper	
152	100		
115	78.0	41.3	124.1
150	170.9	0.0	352.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.329 ug/l

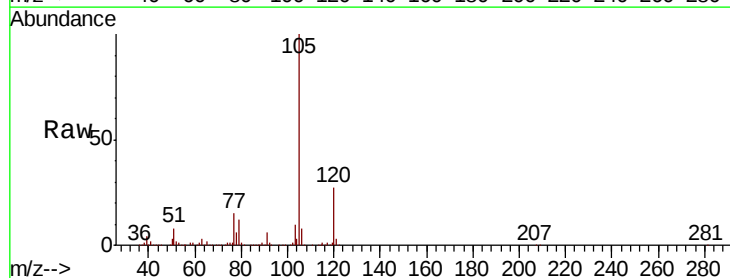
RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

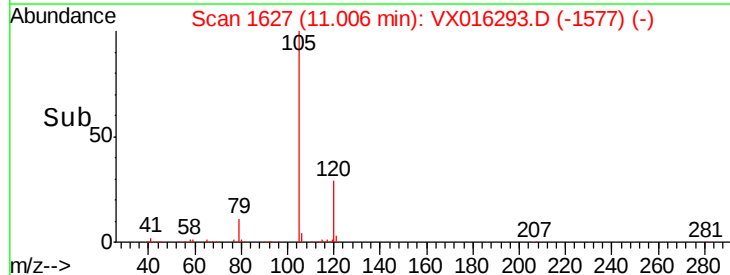
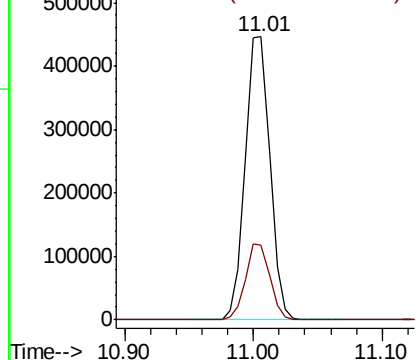
Lab File: VX016293.D

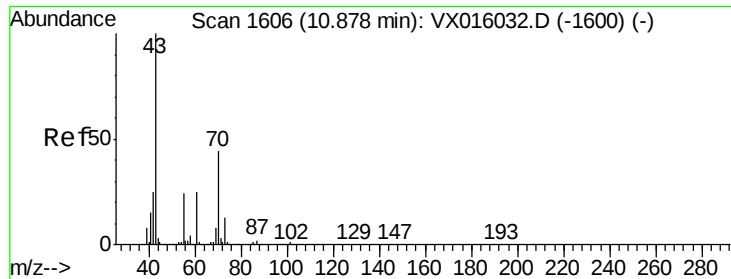
Acq: 15 May 2020 19:59

Tgt Ion:	105	Resp:	588194
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.517 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

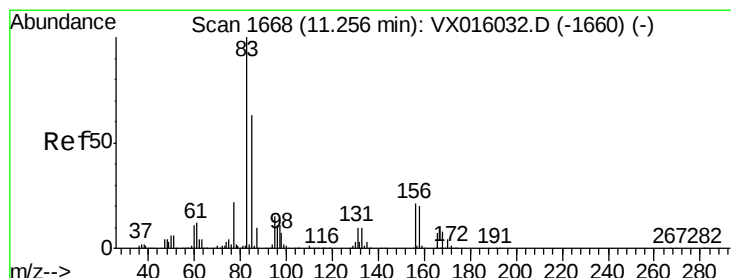
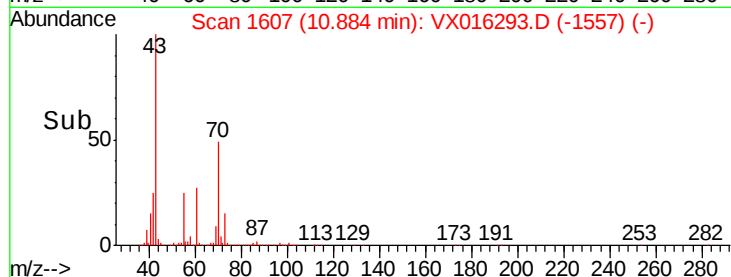
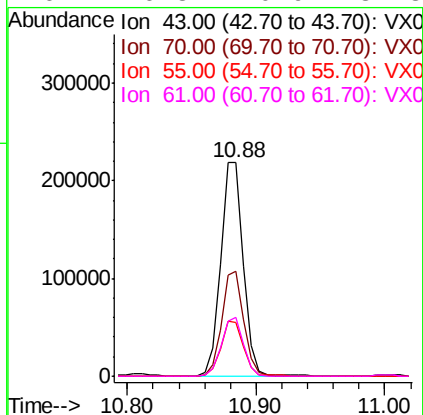
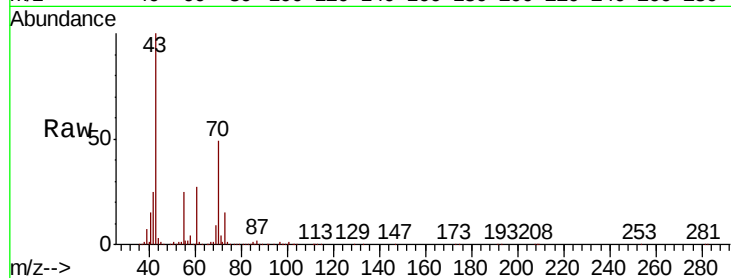
ClientSampleId :

S32-0685MSD

Tot Ion	43	Resp	269647
Ion Ratio	Lower	Upper	
43	100		
70	48.0	36.5	54.7
55	26.1	19.7	29.5
61	26.8	20.9	31.3

Manual Integrations
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5/18/2020 12:52:53 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 75.581 ug/l

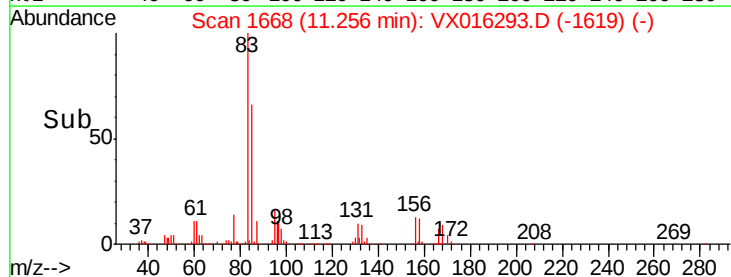
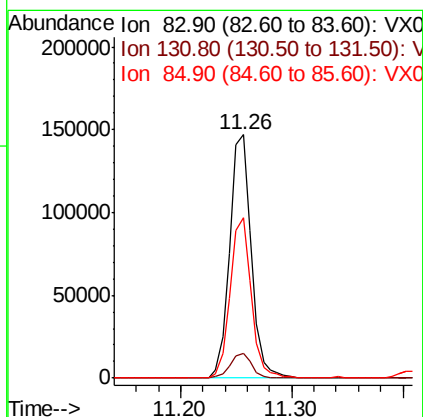
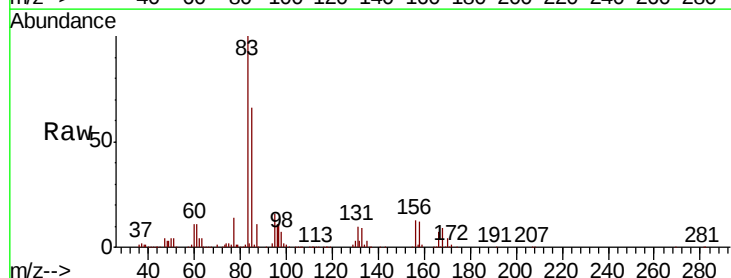
RT: 11.26 min Scan# 1668

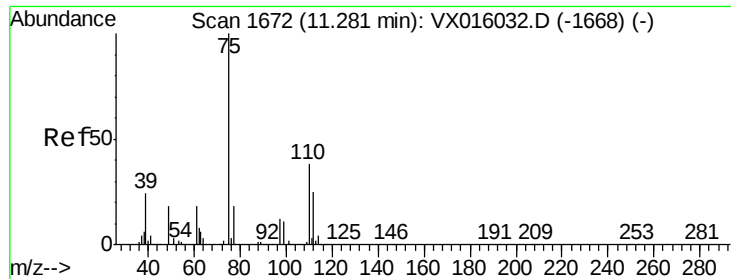
Delta R.T. 0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion	83	Resp	196072
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	64.9	32.0	96.0





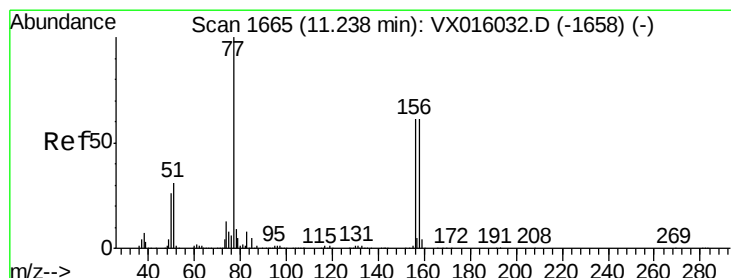
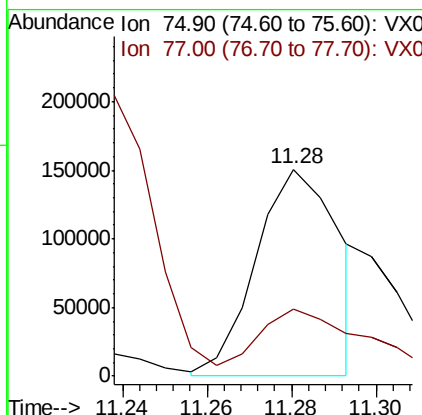
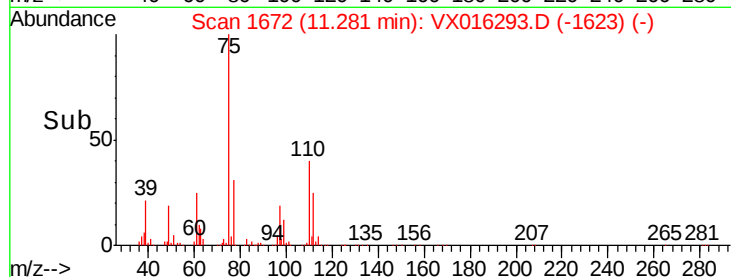
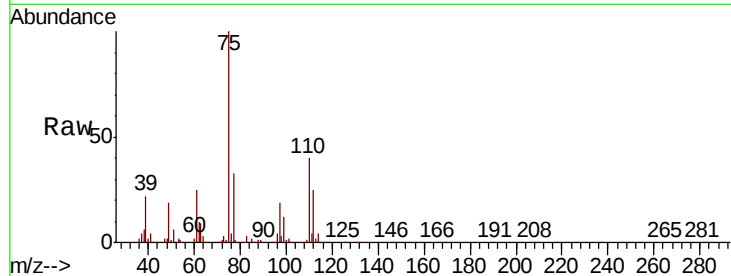
#76
 1,2,3-Trichloropropane
 Concen: 52.683 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion: 75 Resp: 204269
 Ion Ratio Lower Upper
 75 100
 77 42.2 21.2 63.6

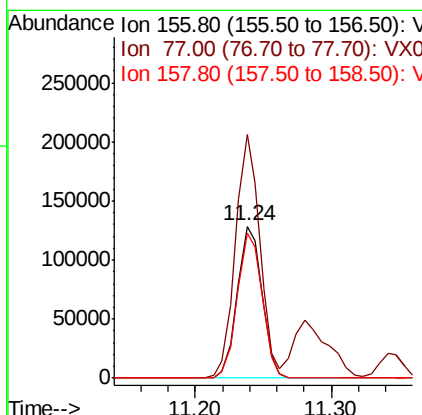
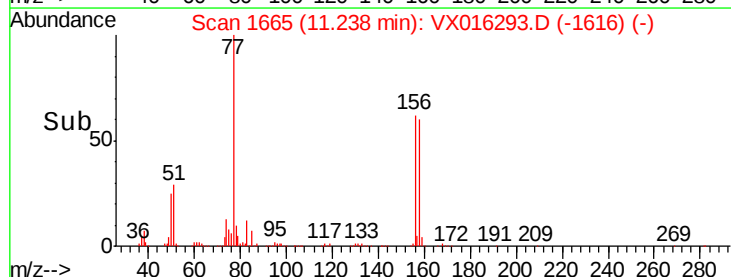
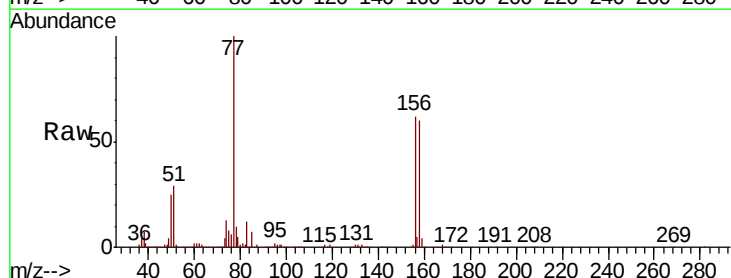
Manual Integrations
 APPROVED

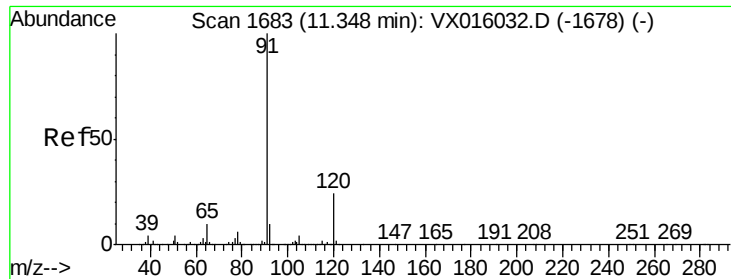
MMDadoda
 5/18/2020 12:52:53 PM



#77
 Bromobenzene
 Concen: 50.489 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion: 156 Resp: 161957
 Ion Ratio Lower Upper
 156 100
 77 159.5 80.1 240.3
 158 96.3 49.4 148.2





#78

n-propylbenzene

Concen: 45.549 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion: 91 Resp: 658527

Ion Ratio Lower Upper

91 100

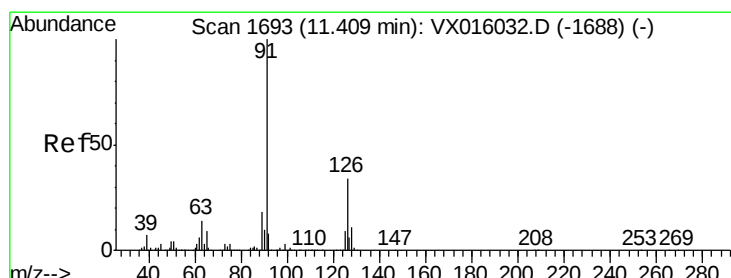
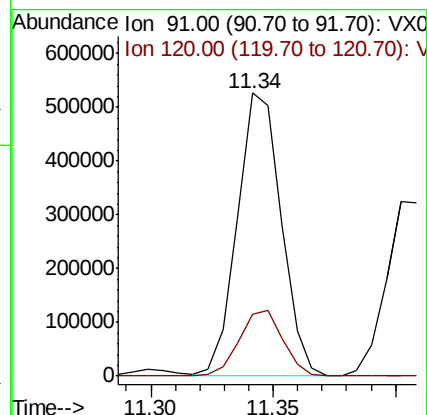
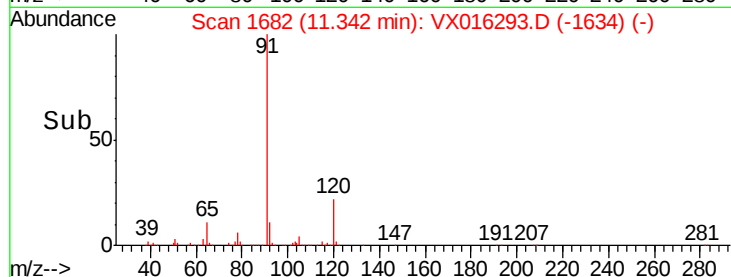
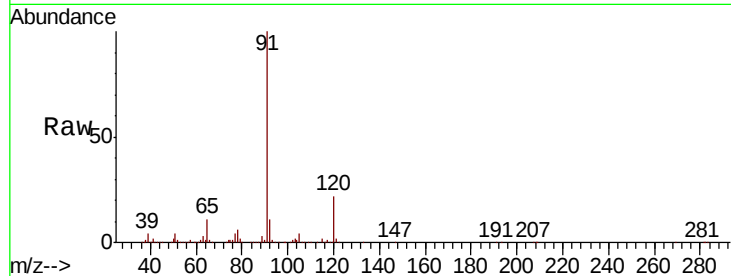
120 23.1 11.5 34.5

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#79

2-Chlorotoluene

Concen: 49.186 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016293.D

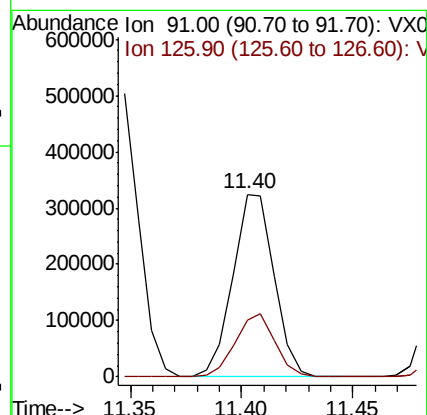
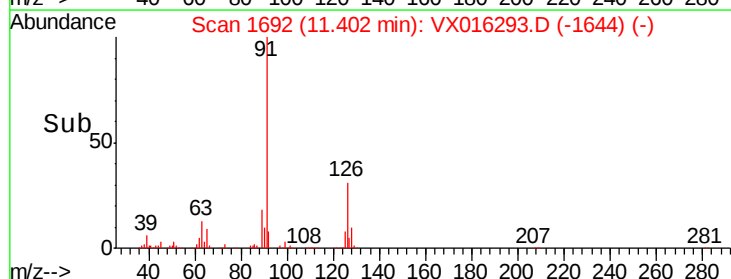
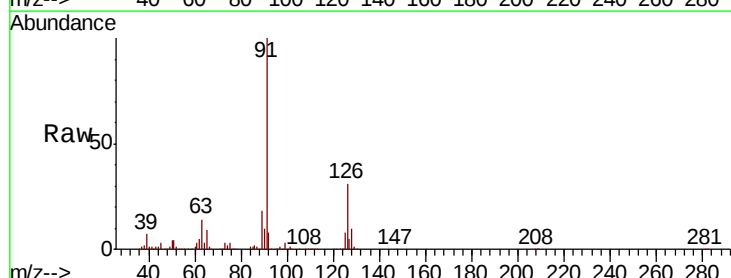
Acq: 15 May 2020 19:59

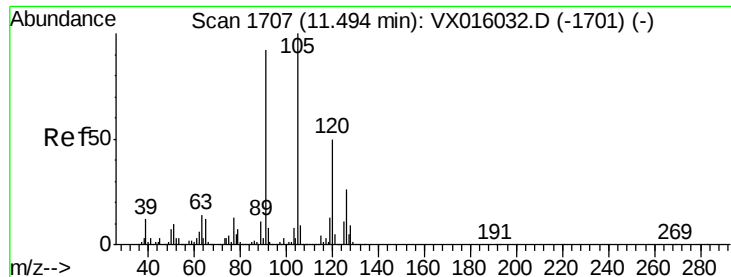
Tgt Ion: 91 Resp: 419749

Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.6





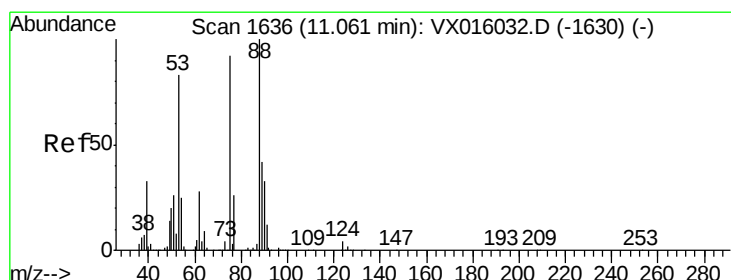
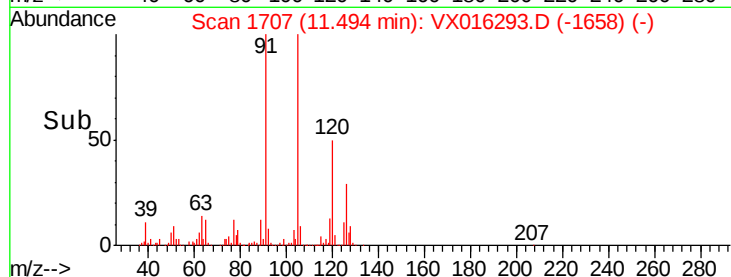
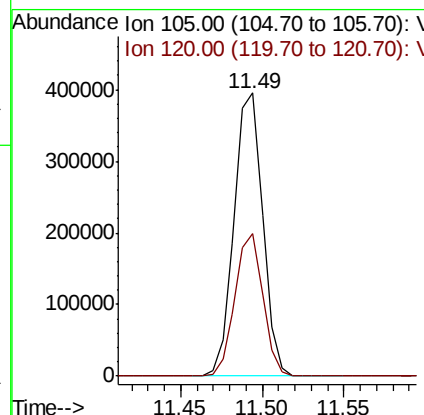
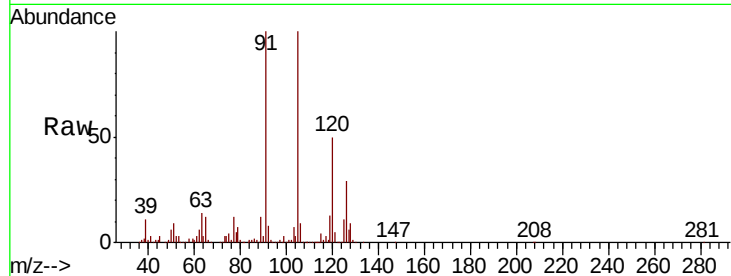
#80
1,3,5-Trimethylbenzene
Concen: 46.007 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.6	74.0

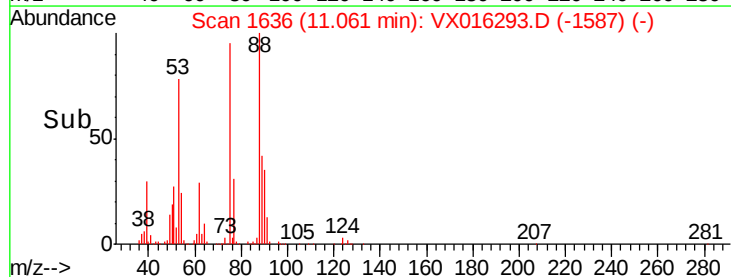
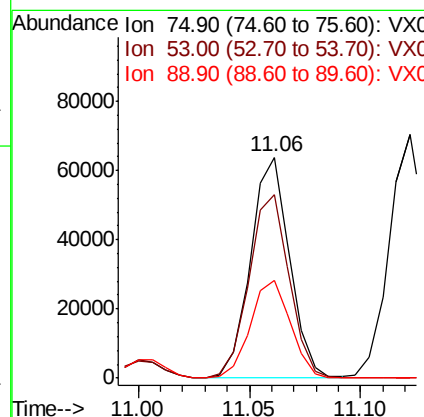
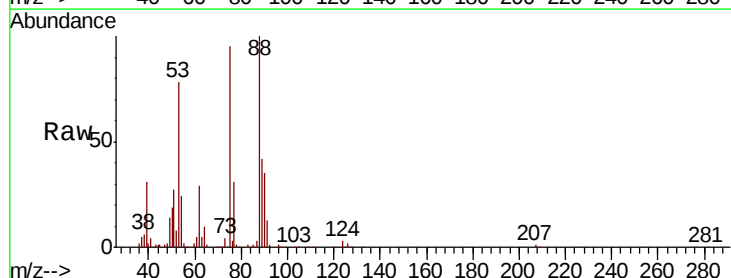
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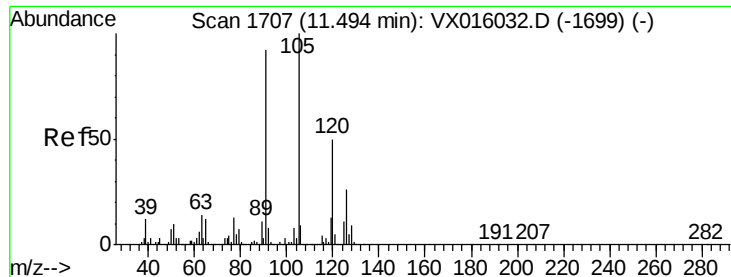
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#81
trans-1,4-Dichloro-2-butene
Concen: 47.663 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.6	73.1	109.7
89	45.9	36.7	55.1





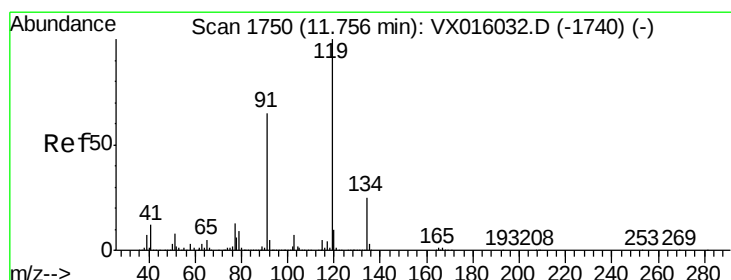
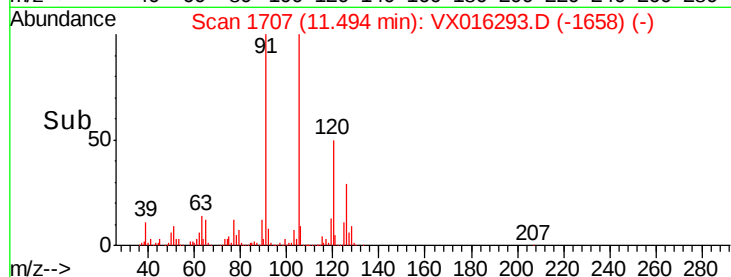
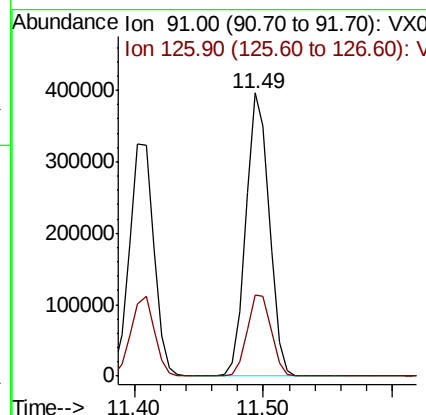
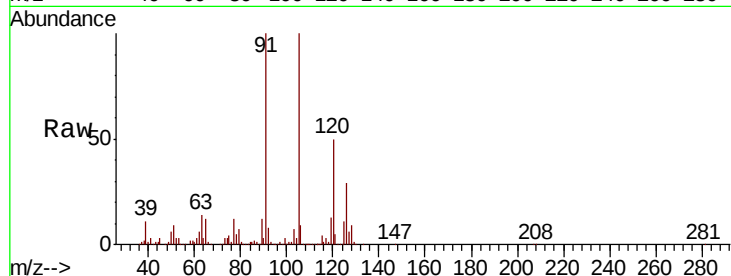
#82
4-Chlorotoluene
Concen: 48.951 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	493304		
126	29.5	14.8	44.3	

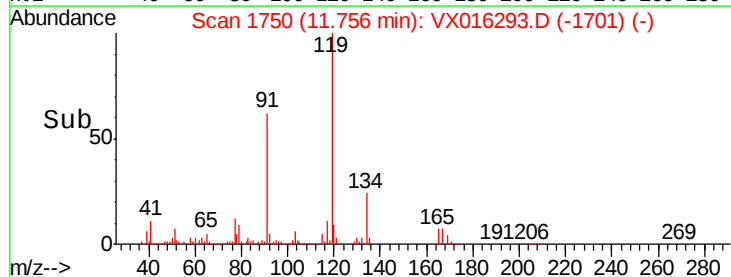
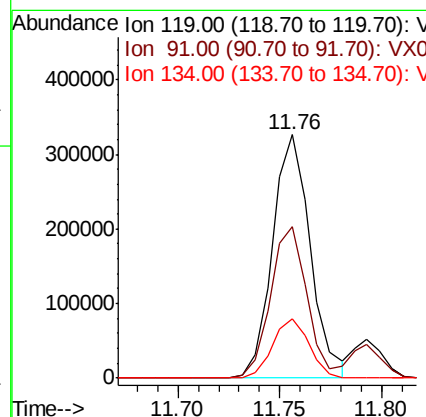
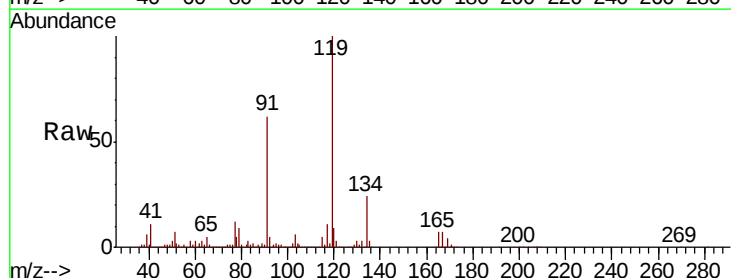
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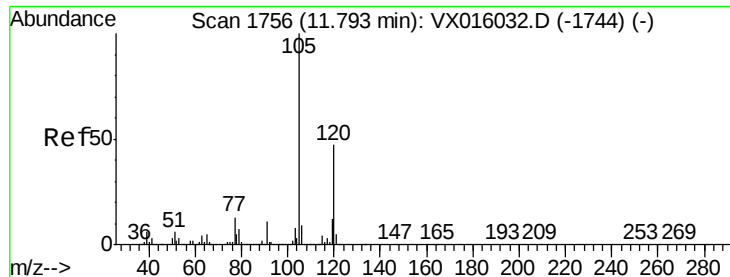
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#83
tert-Butylbenzene
Concen: 46.680 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	422121		
91	59.4	32.8	98.4	
134	23.5	12.4	37.0	





#84

1,2,4-Trimethylbenzene

Concen: 46.604 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

ClientSampleId :

S32-0685MSD

Tot Ion:105 Resp: 494390

Ion Ratio Lower Upper

105 100

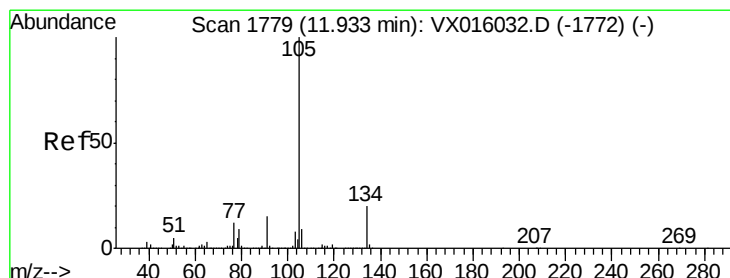
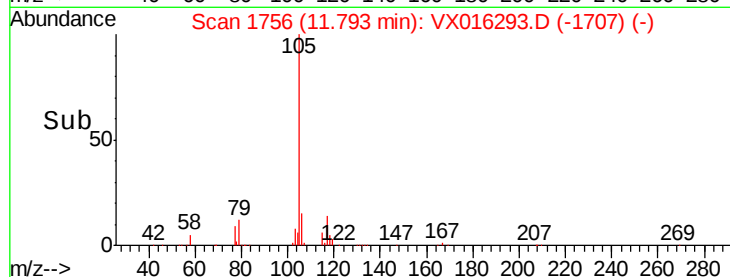
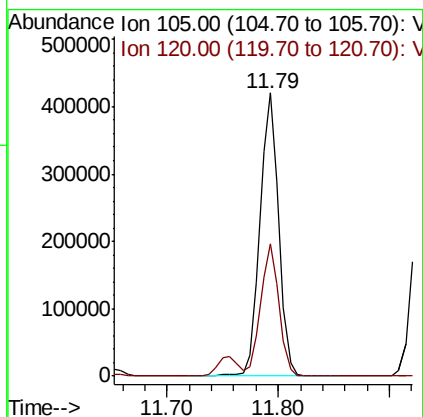
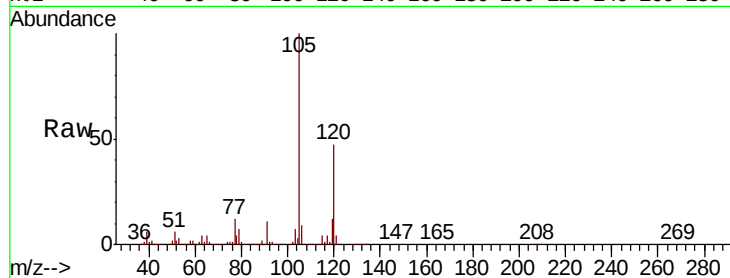
120 45.7 23.0 69.0

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#85

sec-Butylbenzene

Concen: 39.642 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016293.D

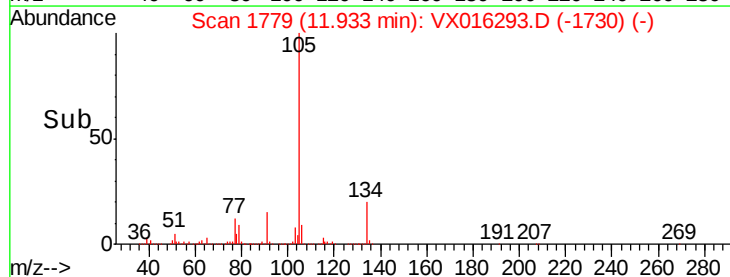
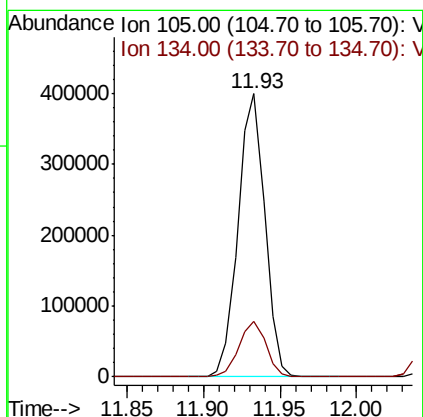
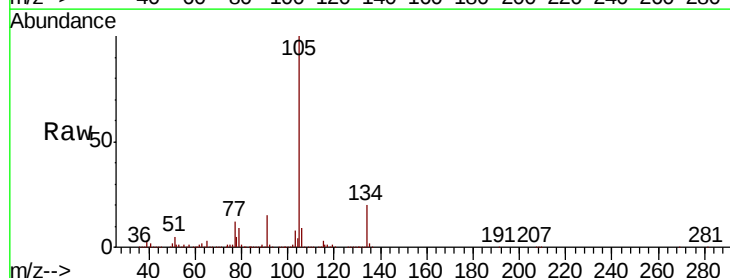
Acq: 15 May 2020 19:59

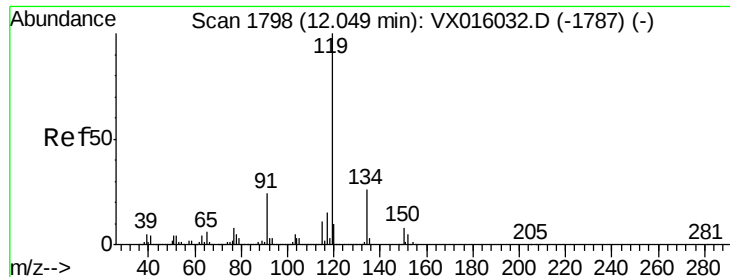
Tgt Ion:105 Resp: 484009

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3





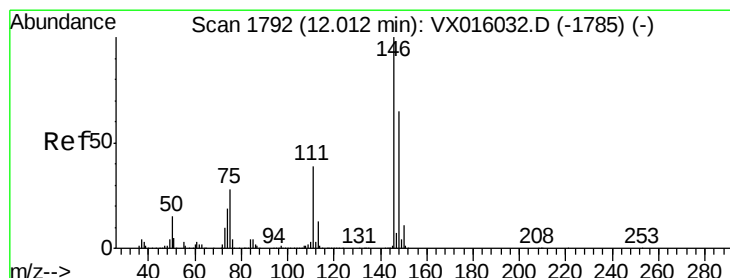
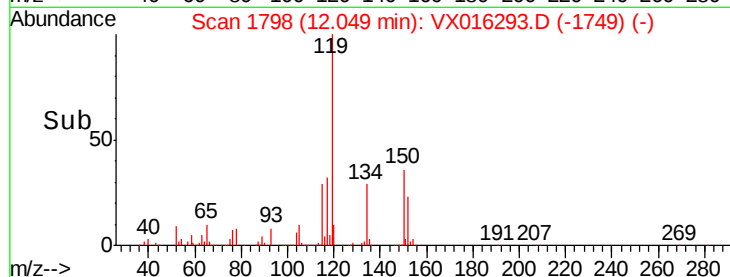
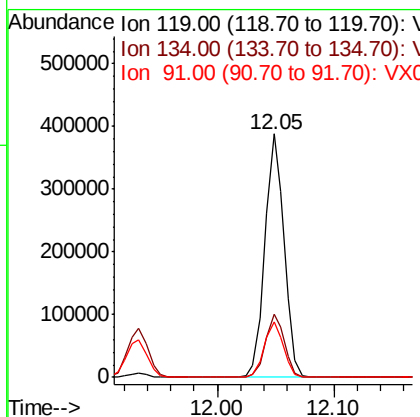
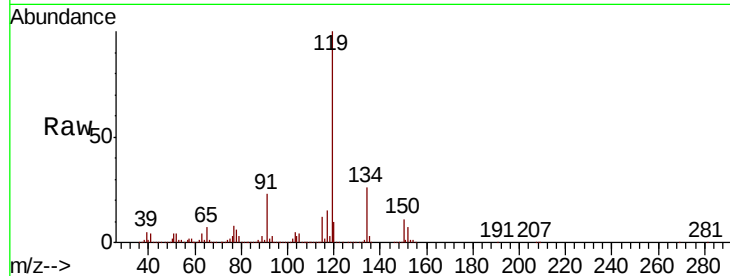
#86
p-Isopropyltoluene
Concen: 39.448 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	22.8	11.8	35.4

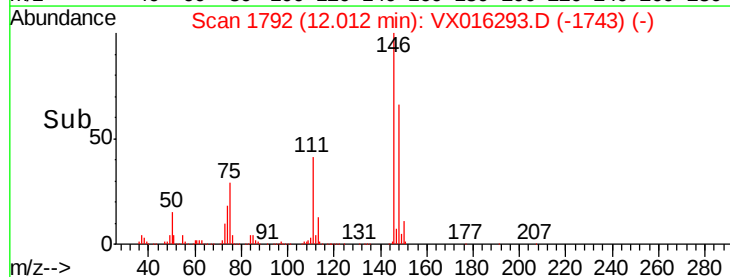
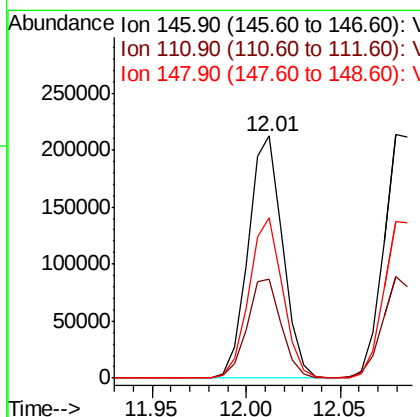
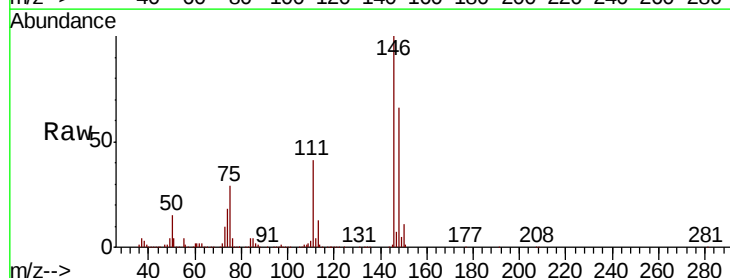
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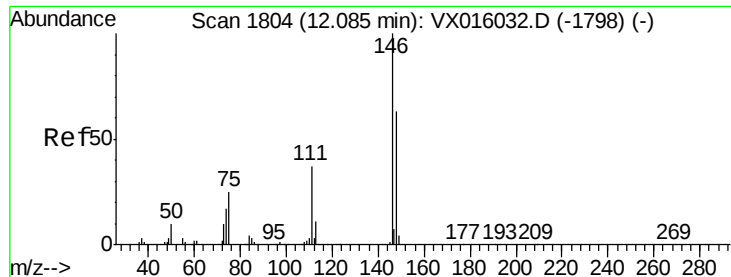
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#87
1,3-Dichlorobenzene
Concen: 46.382 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	64.8	32.1	96.3





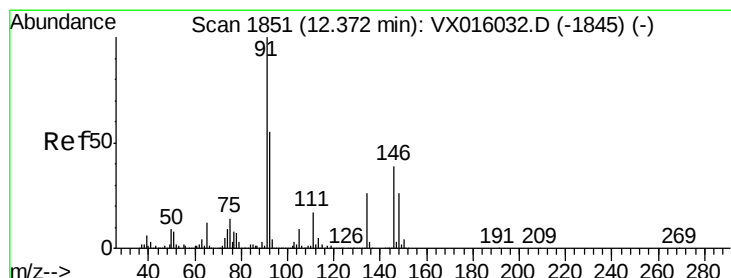
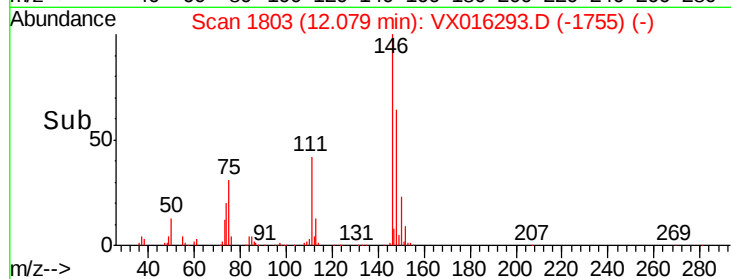
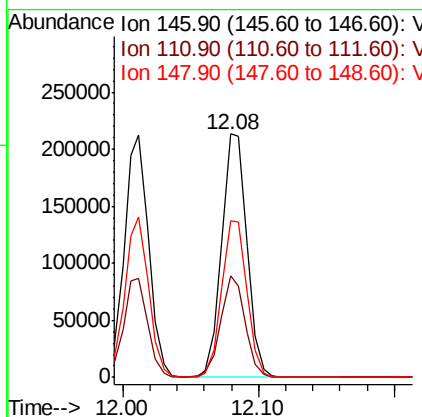
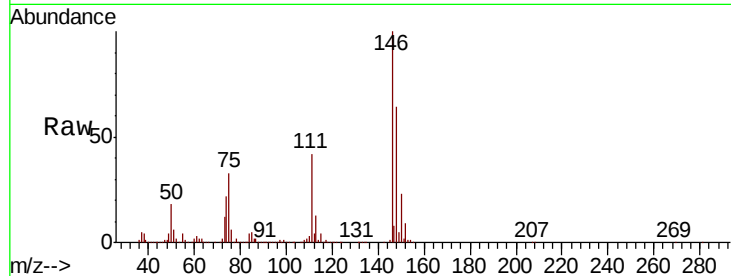
#88
 1,4-Dichlorobenzene
 Concen: 46.894 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion:	146	Resp:	274139
Ion Ratio		Lower	Upper
146	100		
111	40.3	19.6	58.7
148	64.6	31.8	95.3

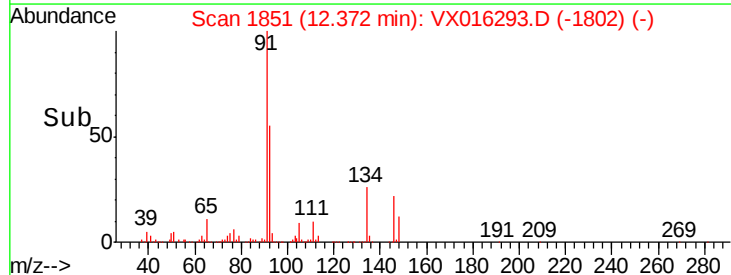
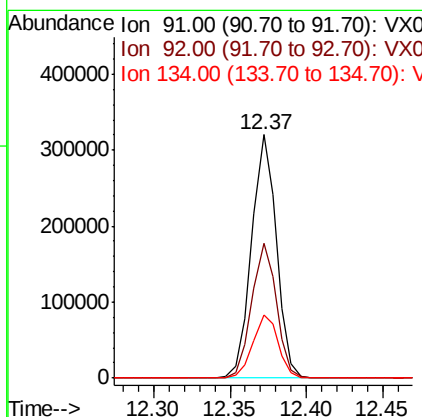
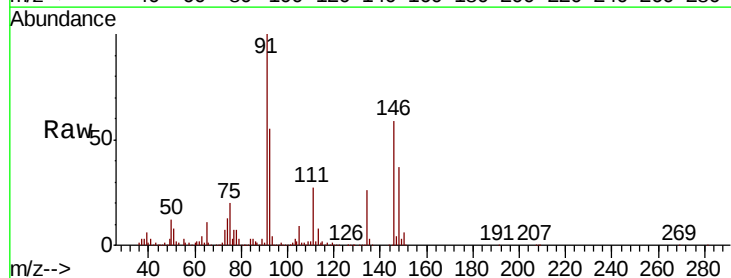
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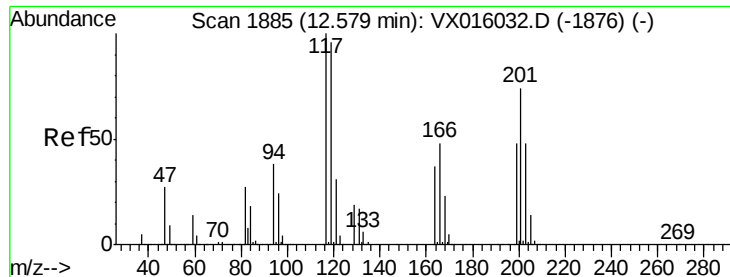
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#89
 n-Butylbenzene
 Concen: 34.886 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Tgt Ion:	91	Resp:	361276
Ion Ratio		Lower	Upper
91	100		
92	55.3	27.6	82.7
134	26.7	13.4	40.1





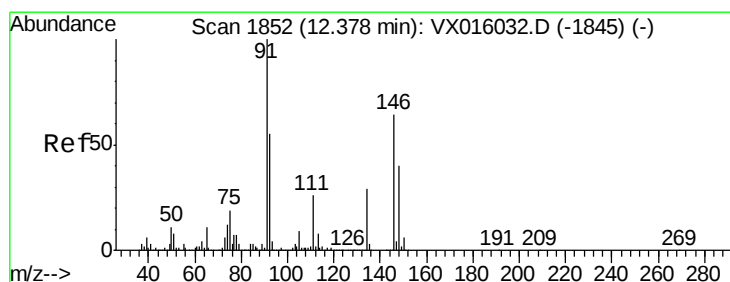
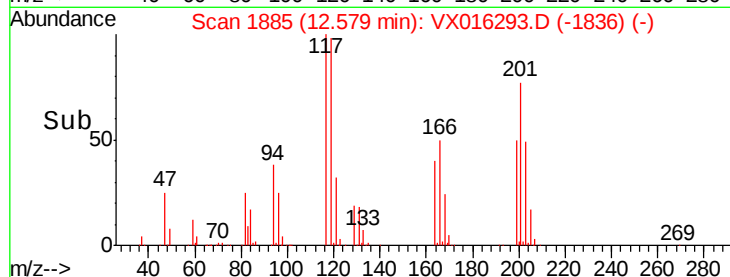
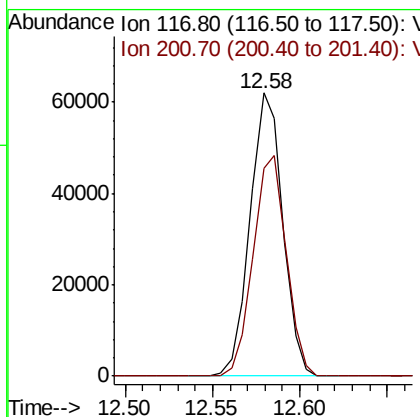
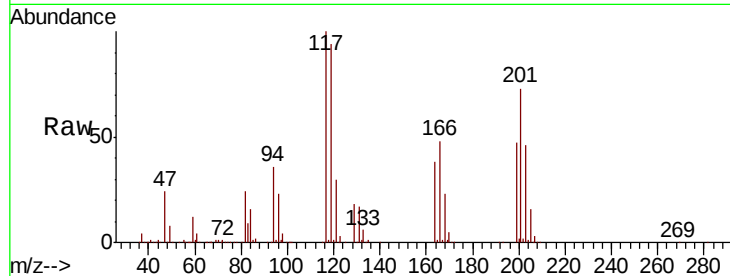
#90
Hexachloroethane
Concen: 41.400 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	79.0	39.8	119.3

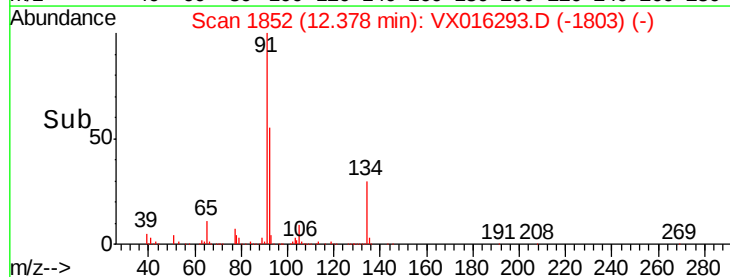
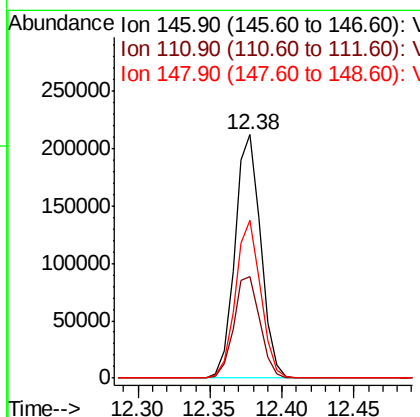
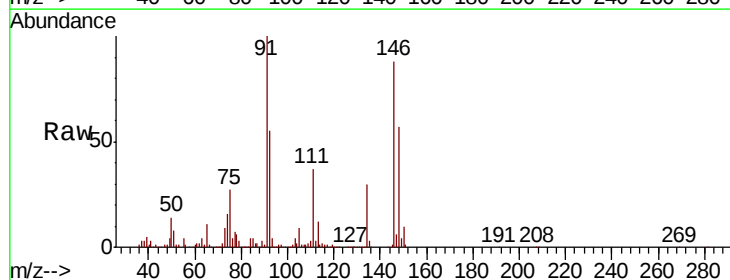
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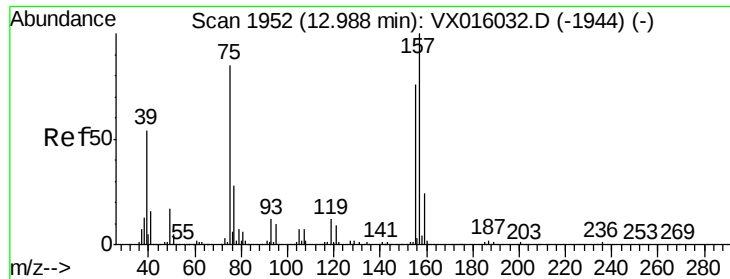
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#91
1,2-Dichlorobenzene
Concen: 47.743 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.1
148	63.5	32.4	97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.426 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Instrument :

MSVOA_X

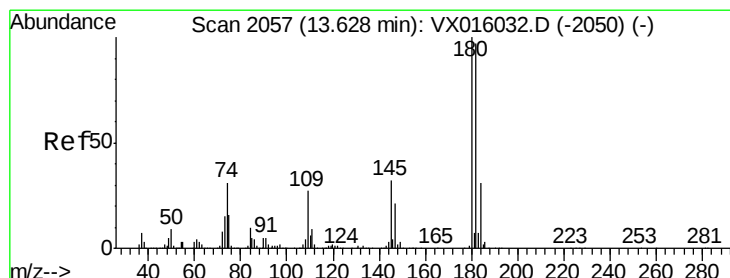
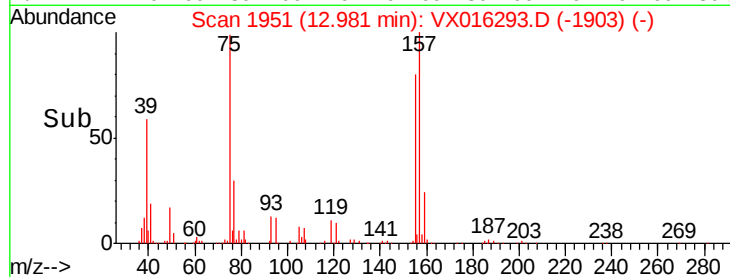
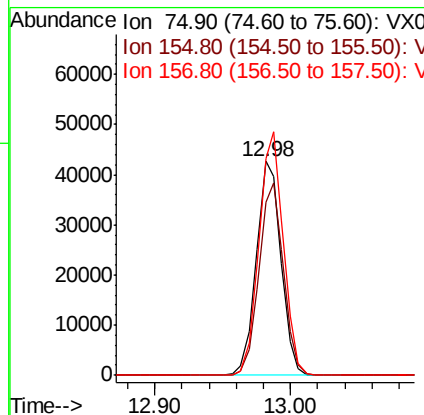
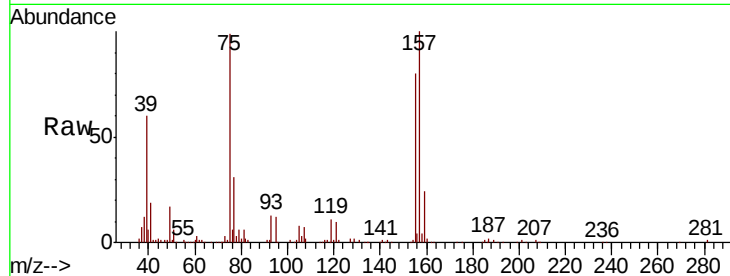
ClientSampleId :

S32-0685MSD

Tot Ion:	75	Resp:	54595
Ion Ratio	Lower	Upper	
75	100		
155	89.0	42.5	127.5
157	111.6	55.3	165.8

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 39.540 ug/l

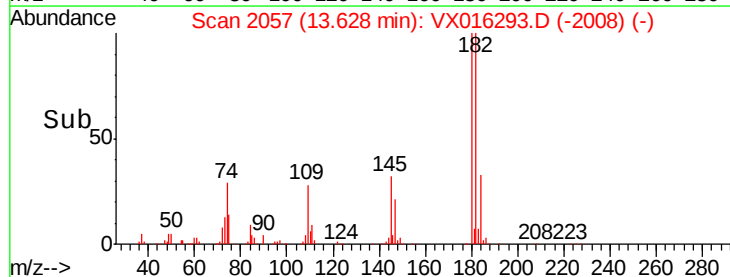
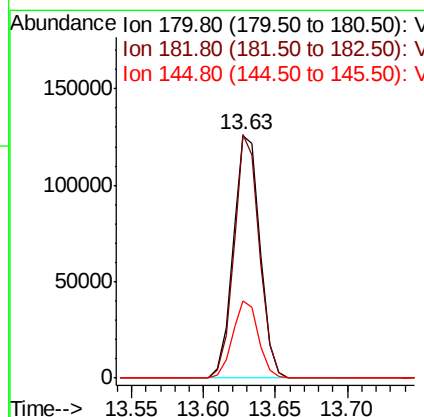
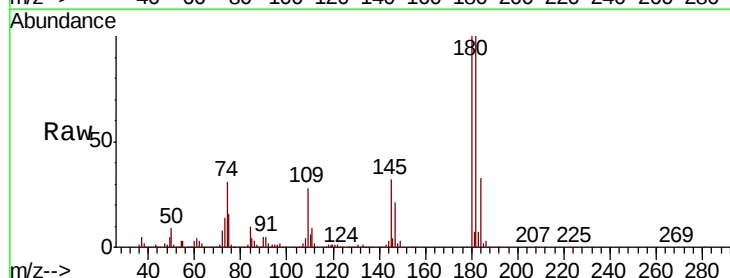
RT: 13.63 min Scan# 2057

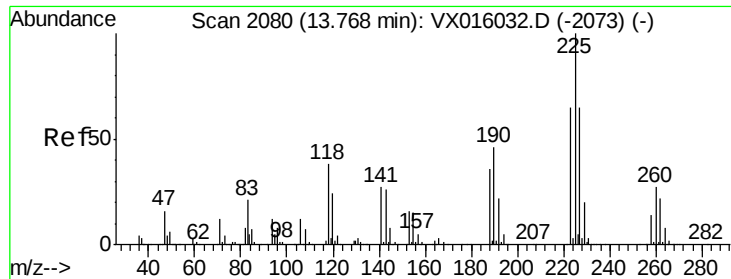
Delta R.T. -0.00 min

Lab File: VX016293.D

Acq: 15 May 2020 19:59

Tgt Ion:	180	Resp:	162352
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.7	146.1
145	31.0	15.7	47.1





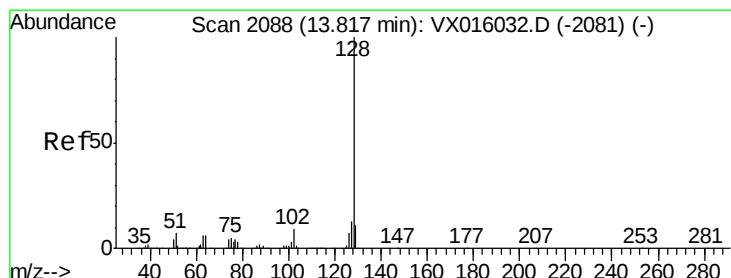
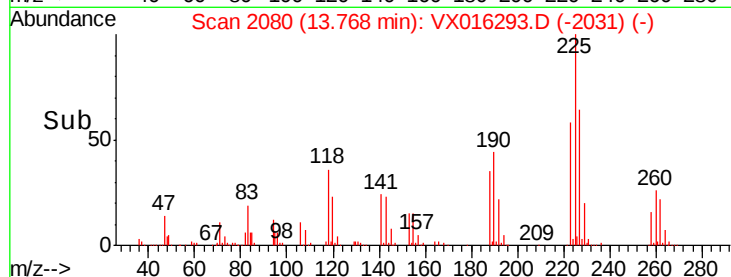
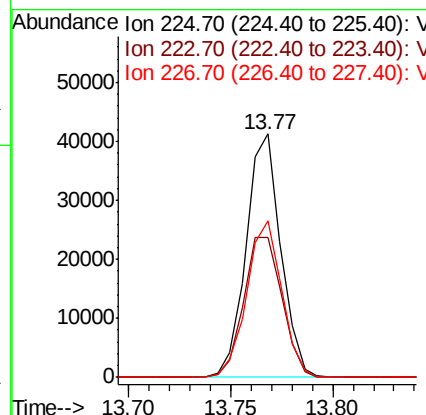
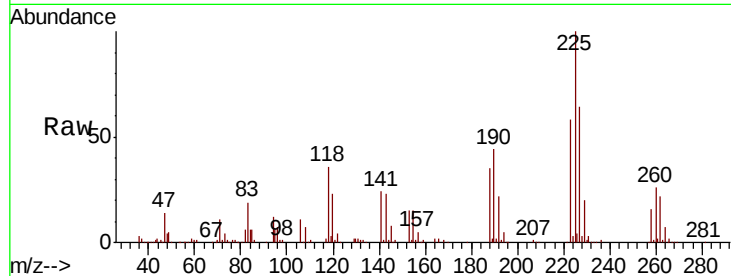
#94
Hexachlorobutadiene
Concen: 27.776 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	48694		
223	63.7		32.3	96.9
227	64.8		31.8	95.4

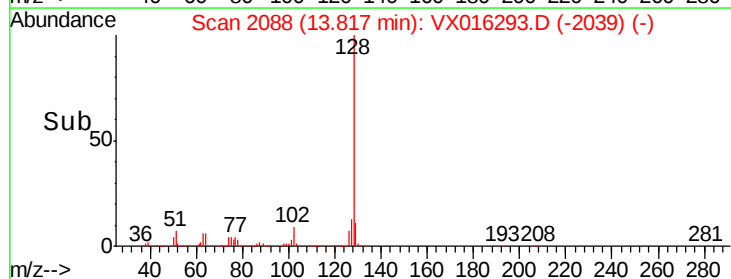
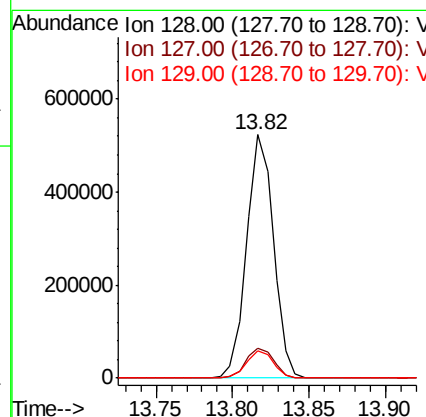
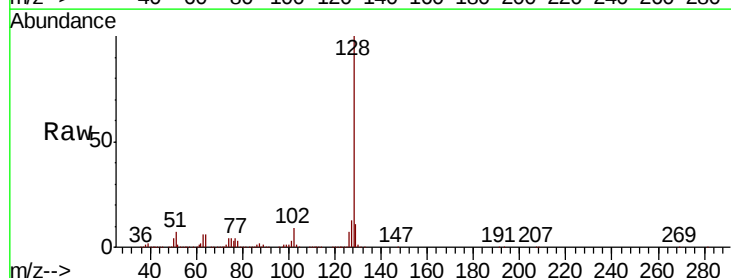
Manual Integrations
APPROVED

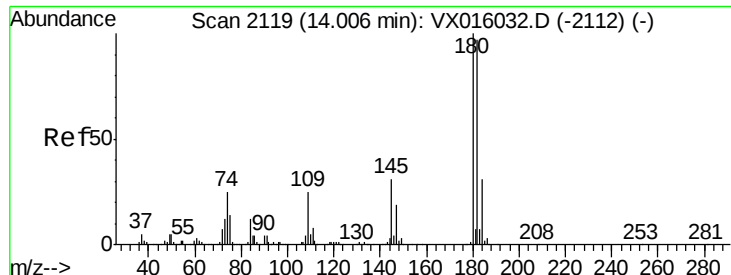
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5/18/2020 12:52:53 PM



#95
Naphthalene
Concen: 48.084 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	639300		
127	12.7		10.2	15.4
129	11.1		8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 40.354 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016293.D
 Acq: 15 May 2020 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Tot Ion:	180	Resp:	161937
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.4	145.0
145	33.2	16.4	49.1

Manual Integrations
 APPROVED

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 5/18/2020 12:52:53 PM

